GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
4M05480	SMB2617	Soil	1		94	94	97	83	91	82
4M05481	SMB2614	Soil	1		76	82	91	79	85	87
5M09829	WMB2634	Aqueous	1		69	48	93	81	92	95
5M09854	SMB2614	Soil	1		82	72	83	81	81	86
5M09915	SMB2617	Soil	1		90	79	93	93	94	95
5M09952	SMB2620	Soil	1		86	74	85	89	97	95
6M03628	SMB2614	Soil	1		92	94	97	91	88	86
6M03629	SMB2617	Soil	1		94	94	90	89	79	94
4M05484	AC18873-001(3X)	Soil	3		91	88	92	100	92	89
4M05485	AC18873-002(3X)	Soil	3		99	103	100	101	98	83
6M03636	AC18873-003	Soil	1		92	91	93	97	85	109
4M05486	AC18873-005(3X)	Soil	3		88	89	91	99	71	85
4M05487	AC18873-006(3X)	Soil	3	SD	102	102	123 *	106	94	85
6M03633	AC18873-007	Soil	1		87	89	90	85	90	105
6M03634	AC18873-008	Soil	1		88	93	91	89	85	110
6M03635	AC18873-009	Soil	1		88	87	93	94	78	101
4M05492	AC18873-010(10X)	Soil	10		97	99	88	101	95	92
5M09963	AC18873-011(MS:AC	Soil	1		76	67	80	86	88	86
5M09971	AC18873-012	Soil	1		93	83	89	92	101	99
5M09964	AC18873-013(MSD:A	Soil	1		86	78	83	91	93	84
5M09844	AC18873-014	Aqueous	1		64	43	85	79	91	88
4M05500	AC18873-015(3X)	Soil	3		76	77	65	80	69	66
4M05454	AC18873-016	Soil	1		87	82	86	92	109	87
5M09855	AC18873-017	Soil	1		90	83	85	88	91	96
4M05488	AC18873-018(3X)	Soil	3		81	84	89	93	87	83
4M05495	AC18873-019	Soil	1		72	73	82	77	85	82
6M03644	AC18873-020	Soil	1		92	96	97	92	75	112
5M09835	WMB2634(MS)	Aqueous	1		58	40	82	58	91	103
5M09916	SMB2617(MS)	Soil	1		92	82	85	94	92	94
5M09918	AC18955-003(MS)	Soil	1		88	78	85	89	90	89
5M09919	AC18955-003(MSD)	Soil	1		88	79	85	93	88	88
5M09962	SMB2620(MS)	Soil	1		90	82	89	91	92	100
6M03626	SMB2614(MS)	Soil	1		92	92	97	88	89	91

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

Aqueous Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	21-100
S2=Phenol-d5	200	10-94
S3=Nitrobenzene-d5	100	35-114
S4=2-Fluorobiphenyl	100	43-116
S5=2,4,6-Tribromophenol	200	10-123
S6=Terphenyl-d14	100	33-141

Form3

MBS Data

Method: 8270

8243

Data File:==>					6M03626.D			5M09835.D											
Data/Batch/Sample ID:==>					SMB2614(MS)			WMB2634(MS)											
Date/Time:==>					08/09/05 13:38			08/08/05 09:46											
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz	38-107	39-98	1	0	99.98	100	100	82.72	100	83									
1,4-Dichlorobenzen	28-104	36-97	1	0	93.44	100	93	66	100	66									
2,4-Dinitrotoluene	28-89	24-96	1	0	126.8	100	127*	91.5	100	92									
2-Chlorophenol	25-102	27-123	1	0	178.8	200	89	75.21	100	75									
4-Chloro-3-methylp	26-103	23-97	1	0	207.9	200	104*	88.1	100	88									
4-Nitrophenol	11-114	10-80	1	0	189.2	200	95	50.02	100	50									
Acenaphthene	31-137	46-118	1	0	97.97	100	98	92.15	100	92									
N-Nitroso-di-n-propy	41-126	41-116	1	0	105.9	100	106	86.13	100	86									
Pentachlorophenol	17-109	9-103	1	0	194	200	97	98.82	100	99									
Phenol	26-90	12-89	1	0	174.6	200	87	42.21	100	42									
Pyrene	35-142	26-127	1	0	93.1	100	93	101.7	100	102									

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

0404

Batch Number: SMB2617
Mbs Name: SMB2617(MS)
Ns Name: AC18955-003
Ms Name: AC18955-003(MS)
Msd Name: AC18955-003(MS

Mbs File: 5M09916.D
Non Spk'd File: 5M09917.D
Spike File: 5M09918.D
Spike Dup File: 5M09919.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	1	0	200	26	90	35	159.95	0.00	162.23	158.70	80	81	79	2.2
2-Chlorophenol	1	0	200	25	102	50	161.81	0.00	156.21	152.47	81	78	76	2.4
1,4-Dichlorobenzene	1	0	100	28	104	27	87.62	0.00	90.75	90.69	88	91	91	0.07
N-Nitroso-di-n-propyla	1	0	100	41	126	38	87.46	0.00	87.94	82.81	87	88	83	6
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.64	0.00	93.64	91.18	87	94	91	2.7
4-Chloro-3-methylphen	1	0	200	26	103	33	166.72	0.00	164.46	165.54	83	82	83	0.65
Acenaphthene	1	0	100	31	137	19	91.27	0.00	92.43	98.02	91	92	98	5.9
2,4-Dinitrotoluene	1	0	100	28	89	47	95.90	0.00	91.75	97.83	96 Mo	92 Mo	98 Mo	6.4
4-Nitrophenol	1	0	200	11	114	50	187.26	0.00	187.51	186.11	94	94	93	0.75
Pentachlorophenol	1	0	200	17	109	47	194.99	0.00	187.80	156.11	97	94	78	18
Pyrene	1	0	100	35	142	36	99.31	0.00	101.29	97.82	99	101	98	3.5

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3

Spike Recovery

0485

Batch Number: SMB2620
Mbs Name: SMB2620(MS)
Ns Name: AC18873-012
Ms Name: AC18873-011(MS:
Msd Name: AC18873-013(MS

Mbs File: 5M09962.D
Non Spk'd File: 5M09971.D
Spike File: 5M09963.D
Spike Dup File: 5M09964.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	1	0	200	26	90	35	165.34	0.00	137.40	154.27	83	69	77	12
2-Chlorophenol	1	0	200	25	102	50	158.04	0.00	135.24	154.50	79	68	77	13
1,4-Dichlorobenzene	1	0	100	28	104	27	89.95	0.00	79.84	83.21	90	80	83	4.1
N-Nitroso-di-n-propyla	1	0	100	41	126	38	89.27	0.00	70.93	78.70	89	71	79	10
1,2,4-Trichlorobenzene	1	0	100	38	107	23	90.51	0.00	84.87	83.00	91	85	83	2.2
4-Chloro-3-methylphen	1	0	200	26	103	33	173.96	0.00	158.53	152.83	87	79	76	3.7
Acenaphthene	1	0	100	31	137	19	95.85	0.00	86.17	92.28	96	86	92	6.8
2,4-Dinitrotoluene	1	0	100	28	89	47	95.82	0.00	83.36	88.81	96 Mo	83	89	6.3
4-Nitrophenol	1	0	200	11	114	50	176.57	0.00	152.98	171.89	88	76	86	12
Pentachlorophenol	1	0	200	17	109	47	151.75	0.00	178.12	192.54	76	89	96	7.8
Pyrene	1	0	100	35	142	36	109.10	0.00	92.20	86.59	109	92	87	6.3

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: WMB2634
Blank Data File: 5M09829.D
Matrix: Aqueous

Blank Analysis Date: 08/08/05 07:36
Blank Extraction Date: 08/07/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-014	5M09844.D	08/08/05 13:01
WMB2634(MS)	5M09835.D	08/08/05 09:46

FORM 4
Blank Summary

Blank Number: SMB2614
Blank Data File: 5M09854.D
Matrix: Soil

Blank Analysis Date: 08/08/05 16:38
Blank Extraction Date: 08/08/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-012	5M09971.D	08/11/05 14:26

FORM 4
Blank Summary

Blank Number: SMB2614
Blank Data File: 6M03628.D
Matrix: Soil

Blank Analysis Date: 08/09/05 14:26
Blank Extraction Date: 08/08/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-003	6M03636.D	08/09/05 17:35
AC18873-007	6M03633.D	08/09/05 16:24
AC18873-008	6M03634.D	08/09/05 16:48
AC18873-009	6M03635.D	08/09/05 17:12
SMB2614(MS)	6M03626.D	08/09/05 13:38

FORM 4
Blank Summary

Blank Number: SMB2614
Blank Data File: 4M05481.D
Matrix: Soil

Blank Analysis Date: 08/10/05 07:42
Blank Extraction Date: 08/08/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-001(3X)	4M05484.D	08/10/05 08:57
AC18873-002(3X)	4M05485.D	08/10/05 09:21
AC18873-005(3X)	4M05486.D	08/10/05 09:45
AC18873-006(3X)	4M05487.D	08/10/05 10:09
AC18873-010(10X)	4M05492.D	08/10/05 12:08
AC18873-015(3X)	4M05500.D	08/10/05 15:20
AC18873-016	4M05454.D	08/08/05 18:10
AC18873-017	5M09855.D	08/08/05 17:00
AC18873-018(3X)	4M05488.D	08/10/05 10:32

FORM 4
Blank Summary

Blank Number: SMB2617
Blank Data File: 6M03629.D
Matrix: Soil

Blank Analysis Date: 08/09/05 14:50
Blank Extraction Date: 08/09/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-020	6M03644.D	08/09/05 20:45

FORM 4
Blank Summary

Blank Number: SMB2617
Blank Data File: 4M05480.D
Matrix: Soil

Blank Analysis Date: 08/10/05 07:18
Blank Extraction Date: 08/09/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-019	4M05495.D	08/10/05 13:20

FORM 4
Blank Summary

Blank Number: SMB2617
Blank Data File: 5M09915.D
Matrix: Soil

Blank Analysis Date: 08/10/05 08:26
Blank Extraction Date: 08/09/05
(If Applicable)

Sample Number	Data File	Analysis Date
SMB2617(MS)	5M09916.D	08/10/05 08:47
AC18955-003(MS)	5M09918.D	08/10/05 09:30
AC18955-003(MS	5M09919.D	08/10/05 09:52

FORM 4
Blank Summary

Blank Number: SMB2620
Blank Data File: 5M09952.D
Matrix: Soil

Blank Analysis Date: 08/11/05 07:32
Blank Extraction Date: 08/10/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18873-011(MS:	5M09963.D	08/11/05 11:33
AC18873-013(MS	5M09964.D	08/11/05 11:54
SMB2620(MS)	5M09962.D	08/11/05 11:11

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09384.D
Instrument: GCMS_5 **Analysis Date:** 07/22/05 08:08

Tune Scan/Time Range: Average of 7.943 to 7.955 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.8	50680	PASS
68	69	0.00	2	0.4	237	PASS
69	198	0.00	100	37.6	58061	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	74997	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	154539	PASS
199	198	5	9	6.9	10733	PASS
275	198	10	30	17.4	26872	PASS
365	198	1	100	1.5	2276	PASS
441	443	0.01	100	76.5	10892	PASS
442	198	40	100	46.1	71181	PASS
443	442	17	23	20.0	14247	PASS

Data File	Sample Number	Analysis Date:
5M09385.D	CAL BNA@50PPM	07/22/05 08:30
5M09386.D	CAL BNA@10PPM	07/22/05 08:53
5M09387.D	CAL BNA@25PPM	07/22/05 09:16
5M09388.D	CAL BNA@80PPM	07/22/05 09:39
5M09389.D	CAL BNA@120PP	07/22/05 10:01
5M09390.D	CAL BNA@160PP	07/22/05 10:24
5M09391.D	CAL BNA@200PP	07/22/05 10:47
5M09392.D	AC18716-003	07/22/05 11:29
5M09393.D	AC18623-013(R)	07/22/05 11:52
5M09394.D	AC18669-004(T)	07/22/05 12:15
5M09395.D	WMB2620	07/22/05 12:38
5M09396.D	AC18716-001	07/22/05 13:00
5M09397.D	AC18716-002	07/22/05 13:23
5M09398.D	WMB2620(MS)	07/22/05 13:46
5M09399.D	AC18623-007(R)	07/22/05 14:09
5M09400.D	WMB2621	07/22/05 14:32
5M09401.D	WMB2621(MS)	07/22/05 14:55
5M09402.D	AC18667-001	07/22/05 15:18
5M09403.D	AC18667-001(MS)	07/22/05 15:41
5M09404.D	AC18667-001(MS	07/22/05 16:04
5M09405.D	SMB2594	07/22/05 16:27
5M09406.D	SMB2594(MS)	07/22/05 16:50
5M09407.D	AC18689-002	07/22/05 17:13
5M09408.D	AC18689-002(MS)	07/22/05 17:36
5M09409.D	AC18689-002(MS	07/22/05 17:59
5M09410.D	AC18689-007	07/22/05 18:22
5M09411.D	AC18475-001(T)	07/22/05 18:46
5M09412.D	EF2V4993	07/22/05 19:09
5M09413.D	AC18681-001(5X)	07/22/05 19:31
5M09414.D	AC18657-001	07/22/05 19:54
5M09415.D	AC18666-001	07/22/05 20:17
5M09416.D	AC18691-001	07/22/05 20:40
5M09417.D	AC18698-005	07/22/05 21:03
5M09418.D	AC18661-001(R)	07/22/05 21:26
5M09419.D	AC18711-001	07/22/05 21:49

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05297.D
Instrument: GCMS_4 **Analysis Date:** 08/03/05 08:09

Tune Scan/Time Range: Average of 5.879 to 5.910 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.6	55404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.5	61615	PASS
70	69	0.00	2	0.5	338	PASS
127	198	40	60	41.7	43931	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	105386	PASS
199	198	5	9	7.3	7679	PASS
275	198	10	30	24.7	26080	PASS
365	198	1	100	3.0	3133	PASS
441	443	0.01	100	91.8	15388	PASS
442	198	40	100	79.0	83290	PASS
443	442	17	23	20.1	16769	PASS

Data File	Sample Number	Analysis Date:
4M05299.D	CAL BNA@50PPM	08/03/05 08:52
4M05300.D	CAL BNA@10PPM	08/03/05 09:19
4M05301.D	CAL BNA@25PPM	08/03/05 09:43
4M05302.D	CAL BNA@80PPM	08/03/05 10:07
4M05303.D	CAL BNA@120PP	08/03/05 10:31
4M05304.D	CAL BNA@160PP	08/03/05 10:55
4M05305.D	CAL BNA@200PP	08/03/05 11:19
4M05306.D	SMB2606	08/03/05 11:43
4M05307.D	AC18819-004	08/03/05 12:06
4M05308.D	AC18819-006	08/03/05 12:30
4M05309.D	AC18819-012	08/03/05 12:54
4M05310.D	AC18819-018	08/03/05 13:18
4M05311.D	SMB2606	08/03/05 13:42
4M05312.D	SMB2605(MS)	08/03/05 14:06
4M05313.D	AC18819-008(MS)	08/03/05 14:30
4M05314.D	AC18819-008(MS	08/03/05 14:54
4M05315.D	AC18802-004	08/03/05 15:18
4M05316.D	AC18802-006	08/03/05 15:41
4M05317.D	AC18853-002	08/03/05 16:05
4M05318.D	AC18853-003	08/03/05 16:29
4M05319.D	AC18853-004	08/03/05 16:53
4M05320.D	AC18808-001	08/03/05 17:17
4M05321.D	AC18802-002	08/03/05 17:42
4M05322.D	AC18802-005	08/03/05 18:06
4M05323.D	AC18852-001	08/03/05 18:30
4M05324.D	AC18853-001	08/03/05 18:54
4M05325.D	AC18847-001	08/03/05 19:18
4M05326.D	AC18802-001	08/03/05 19:42
4M05327.D	AC18786-013	08/03/05 20:06
4M05328.D	AC18786-014	08/03/05 20:30
4M05329.D	AC18796-007	08/03/05 20:54

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09826.D
Instrument: GCMS_5 **Analysis Date:** 08/08/05 06:23

Tune Scan/Time Range: Average of 7.795 to 7.840 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	35.5	34016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.2	37569	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.6	47553	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	95784	PASS
199	198	5	9	6.7	6464	PASS
275	198	10	30	18.7	17881	PASS
365	198	1	100	1.6	1555	PASS
441	443	0.01	100	78.8	8053	PASS
442	198	40	100	55.5	53126	PASS
443	442	17	23	19.2	10216	PASS

Data File	Sample Number	Analysis Date:
5M09827.D	CAL BNA@50PPM	08/08/05 06:40
5M09828.D	WMB2633	08/08/05 07:15
5M09829.D	WMB2634	08/08/05 07:36
5M09830.D	SMB2613	08/08/05 07:58
5M09831.D	SMB2613(MS)	08/08/05 08:19
5M09832.D	AC18807-021	08/08/05 08:41
5M09833.D	AC18807-021(MS)	08/08/05 09:02
5M09834.D	AC18807-021(MS	08/08/05 09:24
5M09835.D	WMB2634(MS)	08/08/05 09:46
5M09836.D	AC18892-001	08/08/05 10:07
5M09837.D	AC18892-001(MS)	08/08/05 10:29
5M09838.D	AC18892-001(MS	08/08/05 10:51
5M09839.D	AC18778-017	08/08/05 11:12
5M09840.D	AC18807-001	08/08/05 11:34
5M09841.D	AC18888-001	08/08/05 11:56
5M09842.D	AC18892-002	08/08/05 12:17
5M09843.D	AC18892-003	08/08/05 12:39
5M09844.D	AC18873-014	08/08/05 13:01
5M09845.D	AC18778-022	08/08/05 13:23
5M09846.D	AC18778-023	08/08/05 13:44
5M09847.D	AC18807-024	08/08/05 14:06
5M09848.D	AC18807-025	08/08/05 14:28
5M09849.D	AC18807-017	08/08/05 14:50
5M09850.D	AC18807-018	08/08/05 15:11
5M09851.D	AC18807-020	08/08/05 15:33
5M09852.D	AC18778-018	08/08/05 15:55
5M09853.D	AC18884-004	08/08/05 16:16
5M09854.D	SMB2614	08/08/05 16:38
5M09855.D	AC18873-017	08/08/05 17:00
5M09856.D	AC18830-001	08/08/05 17:21
5M09857.D	AC18845-002	08/08/05 17:43
5M09858.D	AC18939-001	08/08/05 18:04
5M09859.D	AC18845-004	08/08/05 18:26
5M09860.D	AC18882-001	08/08/05 18:47
5M09861.D	AC18882-002	08/08/05 19:09
5M09862.D	AC18884-001	08/08/05 19:30
5M09863.D	AC18884-002	08/08/05 19:51
5M09864.D	AC18884-003	08/08/05 20:13
5M09865.D	AC18866-001	08/08/05 20:34
5M09866.D	AC18866-002	08/08/05 20:55
5M09867.D	CH2CL2(#1)	08/08/05 21:17
5M09868.D	CH2CL2(#2)	08/08/05 21:38

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05425.D
Instrument: GCMS_4 **Analysis Date:** 08/08/05 06:40

Tune Scan/Time Range: Average of 5.801 to 5.862 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	54.5	35295	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.9	38787	PASS
70	69	0.00	2	0.3	119	PASS
127	198	40	60	43.5	28152	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	64745	PASS
199	198	5	9	7.6	4939	PASS
275	198	10	30	25.9	16788	PASS
365	198	1	100	3.2	2063	PASS
441	443	0.01	100	91.4	10260	PASS
442	198	40	100	86.4	55931	PASS
443	442	17	23	20.1	11227	PASS

Data File	Sample Number	Analysis Date:
4M05426.D	CAL BNA@50PPM	08/08/05 06:59
4M05427.D	SMB2613(MS)	08/08/05 07:22
4M05428.D	SMB2613	08/08/05 07:49
4M05429.D	AC18920-001	08/08/05 08:13
4M05430.D	AC18920-002	08/08/05 08:36
4M05431.D	AC18920-003	08/08/05 09:00
4M05432.D	AC18778-024	08/08/05 09:24
4M05433.D	AC18807-019	08/08/05 09:48
4M05434.D	AC18820-001	08/08/05 10:12
4M05435.D	AC18807-023(5X)	08/08/05 10:36
4M05436.D	AC18820-003(5X)	08/08/05 11:00
4M05437.D	AC18820-004(5X)	08/08/05 11:24
4M05438.D	AC18820-002(3X)	08/08/05 11:47
4M05439.D	AC18806-001(20X)	08/08/05 12:11
4M05440.D	AC18778-021	08/08/05 12:35
4M05441.D	AC18807-015	08/08/05 12:59
4M05442.D	AC18807-016	08/08/05 13:23
4M05443.D	AC18778-004(5X)	08/08/05 13:47
4M05444.D	AC18778-016(5X)	08/08/05 14:11
4M05445.D	AC18778-019(5X)	08/08/05 14:35
4M05446.D	AC18778-013	08/08/05 14:59
4M05447.D	AC18778-001	08/08/05 15:23
4M05448.D	AC18778-007	08/08/05 15:47
4M05449.D	AC18807-022	08/08/05 16:11
4M05450.D	AC18820-003	08/08/05 16:35
4M05451.D	AC18820-004	08/08/05 16:59
4M05452.D	AC18820-002	08/08/05 17:22
4M05453.D	AC18806-001(10X)	08/08/05 17:46
4M05454.D	AC18873-016	08/08/05 18:10
4M05455.D	TEST	08/08/05 18:34
4M05456.D	TEST	08/08/05 18:58
4M05457.D	TEST	08/08/05 19:22
4M05458.D	TEST	08/08/05 19:45
4M05459.D	TEST	08/08/05 20:09
4M05460.D	TEST	08/08/05 20:33

Form 5

Tune Name: CAL DFTPP **Data File:** 6M03616.D
Instrument: gcms_6 **Analysis Date:** 08/09/05 09:41

Tune Scan/Time Range: Average of 7.248 to 7.255 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.6	58834	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.6	69314	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	40.6	47125	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	116204	PASS
199	198	5	9	6.6	7679	PASS
275	198	10	30	20.0	23242	PASS
365	198	1	100	3.5	4040	PASS
441	443	0.01	100	83.2	8547	PASS
442	198	40	100	45.7	53160	PASS
443	442	17	23	19.3	10273	PASS

Data File	Sample Number	Analysis Date:
6M03619.D	CAL BNA@50PPM	08/09/05 10:52
6M03620.D	CAL BNA@10PPM	08/09/05 11:16
6M03621.D	CAL BNA@25PPM	08/09/05 11:40
6M03622.D	CAL BNA@80PPM	08/09/05 12:04
6M03623.D	CAL BNA@120PP	08/09/05 12:27
6M03624.D	CAL BNA@160PP	08/09/05 12:51
6M03625.D	CAL BNA@200PP	08/09/05 13:15
6M03626.D	SMB2614(MS)	08/09/05 13:38
6M03627.D	SMB2615	08/09/05 14:02
6M03628.D	SMB2614	08/09/05 14:26
6M03629.D	SMB2617	08/09/05 14:50
6M03630.D	AC18873-012	08/09/05 15:13
6M03631.D	AC18873-011(MS:	08/09/05 15:37
6M03632.D	AC18873-013(MS	08/09/05 16:01
6M03633.D	AC18873-007	08/09/05 16:24
6M03634.D	AC18873-008	08/09/05 16:48
6M03635.D	AC18873-009	08/09/05 17:12
6M03636.D	AC18873-003	08/09/05 17:35
6M03637.D	AC18830-015	08/09/05 17:59
6M03638.D	AC18830-016	08/09/05 18:23
6M03639.D	AC18825-004	08/09/05 18:46
6M03640.D	AC18845-007	08/09/05 19:10
6M03641.D	AC18845-010	08/09/05 19:34
6M03642.D	AC18845-012	08/09/05 19:57
6M03643.D	AC18825-003	08/09/05 20:21
6M03644.D	AC18873-020	08/09/05 20:45
6M03645.D	AC18955-001	08/09/05 21:08
6M03646.D	AC18984-002	08/09/05 21:32
6M03647.D	AC18984-003	08/09/05 21:56
6M03648.D	AC18984-006	08/09/05 22:19
6M03649.D	AC18984-007	08/09/05 22:43

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05465.D
Instrument: GCMS_4 **Analysis Date:** 08/09/05 11:07

Tune Scan/Time Range: Average of 5.750 to 5.781 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.6	52536	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.3	57467	PASS
70	69	0.00	2	0.7	375	PASS
127	198	40	60	40.2	41782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	103825	PASS
199	198	5	9	7.6	7857	PASS
275	198	10	30	25.9	26910	PASS
365	198	1	100	3.2	3336	PASS
441	443	0.01	100	94.4	15726	PASS
442	198	40	100	80.7	83789	PASS
443	442	17	23	19.9	16657	PASS

Data File	Sample Number	Analysis Date:
4M05466.D	CAL BNA@50PPM	08/09/05 11:53
4M05467.D	CAL BNA@50PPM	08/09/05 12:17
4M05468.D	CAL BNA@10PPM	08/09/05 12:40
4M05469.D	CAL BNA@25PPM	08/09/05 13:04
4M05470.D	CAL BNA@80PPM	08/09/05 13:28
4M05471.D	CAL BNA@120PP	08/09/05 13:52
4M05472.D	CAL BNA@160PP	08/09/05 14:16
4M05473.D	CAL BNA@200PP	08/09/05 14:40
4M05474.D	SMB2617(MS)	08/09/05 15:03
4M05475.D	SMB2617	08/09/05 15:27

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05477.D
Instrument: GCMS_4 **Analysis Date:** 08/10/05 05:22

Tune Scan/Time Range: Average of 5.751 to 5.771 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.8	65053	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	57.5	70885	PASS
70	69	0.00	2	1.5	1032	PASS
127	198	40	60	42.3	52187	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	123285	PASS
199	198	5	9	7.5	9297	PASS
275	198	10	30	25.8	31747	PASS
365	198	1	100	3.1	3815	PASS
441	443	0.01	100	90.1	16417	PASS
442	198	40	100	72.1	88843	PASS
443	442	17	23	20.5	18220	PASS

Data File	Sample Number	Analysis Date:
4M05478.D	CAL BNA@50PPM	08/10/05 06:01
4M05479.D	CAL BNA@50PPM	08/10/05 06:49
4M05480.D	SMB2617	08/10/05 07:18
4M05481.D	SMB2614	08/10/05 07:42
4M05482.D	SMB2615	08/10/05 08:06
4M05483.D	SMB2616	08/10/05 08:30
4M05484.D	AC18873-001(3X)	08/10/05 08:57
4M05485.D	AC18873-002(3X)	08/10/05 09:21
4M05486.D	AC18873-005(3X)	08/10/05 09:45
4M05487.D	AC18873-006(3X)	08/10/05 10:09
4M05488.D	AC18873-018(3X)	08/10/05 10:32
4M05489.D	AC18873-015(20X)	08/10/05 10:56
4M05490.D	AC18820-005(20X)	08/10/05 11:20
4M05491.D	AC18984-005(20X)	08/10/05 11:44
4M05492.D	AC18873-010(10X)	08/10/05 12:08
4M05493.D	AC18876-001	08/10/05 12:32
4M05494.D	AC18984-001	08/10/05 12:56
4M05495.D	AC18873-019	08/10/05 13:20
4M05496.D	AC18968-002	08/10/05 13:44
4M05497.D	AC18845-007(10X)	08/10/05 14:08
4M05498.D	AC18845-012(10X)	08/10/05 14:32
4M05499.D	AC18845-010(20X)	08/10/05 14:56
4M05500.D	AC18873-015(3X)	08/10/05 15:20
4M05501.D	AC18820-005(3X)	08/10/05 15:44
4M05502.D	AC18984-005(3X)	08/10/05 16:08
4M05503.D	AC18916-001	08/10/05 16:32
4M05504.D	AC18916-004	08/10/05 16:56
4M05505.D	AC18916-005	08/10/05 17:20
4M05506.D	AC18916-007	08/10/05 17:44
4M05507.D	AC18916-017	08/10/05 18:08
4M05508.D	AC18916-020	08/10/05 18:32
4M05509.D	AC18916-022	08/10/05 18:56

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09911.D
Instrument: GCMS_5 **Analysis Date:** 08/10/05 06:35

Tune Scan/Time Range: Average of 7.772 to 7.817 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.0	34524	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	37.9	38519	PASS
70	69	0.00	2	0.1	55	PASS
127	198	40	60	48.4	49149	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	101501	PASS
199	198	5	9	6.7	6776	PASS
275	198	10	30	18.9	19174	PASS
365	198	1	100	1.6	1627	PASS
441	443	0.01	100	77.4	8744	PASS
442	198	40	100	56.7	57596	PASS
443	442	17	23	19.6	11301	PASS

Data File	Sample Number	Analysis Date:
5M09912.D	CAL BNA@50PPM	08/10/05 06:55
5M09913.D	SMB2618	08/10/05 07:35
5M09914.D	SMB2618(MS)	08/10/05 08:04
5M09915.D	SMB2617	08/10/05 08:26
5M09916.D	SMB2617(MS)	08/10/05 08:47
5M09917.D	AC18955-003	08/10/05 09:09
5M09918.D	AC18955-003(MS)	08/10/05 09:30
5M09919.D	AC18955-003(MS	08/10/05 09:52
5M09920.D	AC18999-001	08/10/05 10:13
5M09921.D	AC18999-002	08/10/05 10:35
5M09922.D	AC18999-003	08/10/05 10:57
5M09923.D	AC18999-004	08/10/05 11:18
5M09924.D	AC18955-002	08/10/05 11:40
5M09925.D	AC18830-021	08/10/05 12:02
5M09926.D	AC18984-003	08/10/05 12:23
5M09927.D	AC18984-006	08/10/05 12:45
5M09928.D	AC18984-007	08/10/05 13:07
5M09929.D	AC18916-008	08/10/05 13:28
5M09930.D	AC18916-009(MS:	08/10/05 13:50
5M09931.D	AC18916-010(MS	08/10/05 14:12
5M09932.D	AC18916-003	08/10/05 14:34
5M09933.D	AC18916-014	08/10/05 14:56
5M09934.D	AC18916-015	08/10/05 15:17
5M09935.D	AC18916-021	08/10/05 15:39
5M09936.D	AC18916-011	08/10/05 16:01
5M09937.D	AC18916-016	08/10/05 16:23
5M09938.D	AC18916-019	08/10/05 16:45
5M09939.D	AC18916-002	08/10/05 17:07
5M09940.D	AC18916-006	08/10/05 17:29
5M09941.D	AC18914-002	08/10/05 17:51
5M09942.D	AC18916-012	08/10/05 18:12
5M09943.D	AC18916-018	08/10/05 18:34
5M09944.D	AC18916-013	08/10/05 18:56
5M09945.D	TEST	08/10/05 19:18
5M09946.D	TEST	08/10/05 19:39
5M09947.D	TEST	08/10/05 20:01
5M09948.D	TEST	08/10/05 20:23

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09949.D
Instrument: GCMS_5 **Analysis Date:** 08/11/05 06:15

Tune Scan/Time Range: Average of 7.760 to 7.817 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.2	32610	PASS
68	69	0.00	2	0.2	72	PASS
69	198	0.00	100	37.1	37514	PASS
70	69	0.00	2	0.5	170	PASS
127	198	40	60	47.8	48351	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	101159	PASS
199	198	5	9	6.8	6911	PASS
275	198	10	30	19.5	19703	PASS
365	198	1	100	1.6	1659	PASS
441	443	0.01	100	79.7	9390	PASS
442	198	40	100	60.6	61320	PASS
443	442	17	23	19.2	11784	PASS

Data File	Sample Number	Analysis Date:
5M09950.D	CAL BNA@50PPM	08/11/05 06:42
5M09951.D	WMB2638	08/11/05 07:10
5M09952.D	SMB2620	08/11/05 07:32
5M09953.D	SMB2621	08/11/05 07:53
5M09954.D	WMB2638(MS)	08/11/05 08:19
5M09955.D	AC18968-001(T)	08/11/05 08:40
5M09956.D	AC18968-001(T)(M	08/11/05 09:02
5M09957.D	AC18968-001(T)(M	08/11/05 09:23
5M09958.D	SMB2621(MS)	08/11/05 09:45
5M09959.D	AC18872-008	08/11/05 10:06
5M09960.D	AC18872-008(MS)	08/11/05 10:28
5M09961.D	AC18872-008(MS	08/11/05 10:49
5M09962.D	SMB2620(MS)	08/11/05 11:11
5M09963.D	AC18873-011(MS:	08/11/05 11:33
5M09964.D	AC18873-013(MS	08/11/05 11:54
5M09965.D	AC18972-001	08/11/05 12:16
5M09966.D	AC18977-005	08/11/05 12:38
5M09967.D	AC18955-001	08/11/05 12:59
5M09968.D	SMB2619	08/11/05 13:21
5M09969.D	AC18886-008	08/11/05 13:43
5M09970.D	AC18872-002	08/11/05 14:05
5M09971.D	AC18873-012	08/11/05 14:26
5M09972.D	AC18872-001	08/11/05 14:48
5M09973.D	AC18958-001	08/11/05 15:10
5M09974.D	AC18958-002	08/11/05 15:32
5M09975.D	AC18958-003	08/11/05 15:54
5M09976.D	AC18916-014(5X)	08/11/05 16:15
5M09977.D	AC18916-011(20X)	08/11/05 16:37
5M09978.D	AC18916-011(10X)	08/11/05 16:59
5M09979.D	AC18916-006(10X)	08/11/05 17:21
5M09980.D	AC18916-013	08/11/05 17:43
5M09981.D	AC18873-011(MS:	08/11/05 18:05
5M09982.D	AC18888-007	08/11/05 18:26
5M09983.D	AC18991-001	08/11/05 18:48
5M09984.D	AC18991-002	08/11/05 19:10
5M09985.D	AC18991-004	08/11/05 19:31
5M09986.D	AC18969-002	08/11/05 19:53
5M09987.D	AC18975-001	08/11/05 20:15
5M09988.D	AC18997-001	08/11/05 20:36
5M09989.D	AC18997-002	08/11/05 20:58
5M09990.D	AC18997-003	08/11/05 21:20
5M09991.D	WMB2637	08/11/05 21:41
5M09992.D	MBS A	08/11/05 22:03
5M09993.D	MBS B	08/11/05 22:25
5M09994.D	MBS C	08/11/05 22:46
5M09995.D	MBS D	08/11/05 23:08

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M09385.D

Analysis Date/Time: 07/22/05 08:30

Lab File ID: CAL BNA@50PPM

8423

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23355	5.20	88320	6.23	52347	7.58	87328	8.96	70907	11.95	56016	13.54
Eval File Area Limit:	11678-46710		44160-176640		26174-104694		43664-174656		35454-141814		28008-112032	
Eval File Rt Limit:	4.7-5.7		5.73-6.73		7.08-8.08		8.46-9.46		11.45-12.45		13.04-14.04	

Data File	Sample#											
5M09385	CAL BNA@50	23355	5.20	88320	6.23	52347	7.58	87328	8.96	70907	11.95	56016	13.54
5M09386	CAL BNA@10	24298	5.20	90455	6.23	54766	7.58	92737	8.96	79360	11.95	61273	13.54
5M09387	CAL BNA@25	23586	5.20	91103	6.23	52605	7.58	90904	8.96	70685	11.95	52162	13.54
5M09388	CAL BNA@80	20683	5.20	84396	6.23	49933	7.58	89583	8.96	74392	11.95	54467	13.54
5M09389	CAL BNA@12	16575	5.20	72739	6.23	48151	7.58	85449	8.96	70631	11.96	54990	13.54
5M09390	CAL BNA@16	16184	5.20	72103	6.23	46483	7.58	89704	8.96	72030	11.96	56669	13.55
5M09391	CAL BNA@20	13701	5.20	67172	6.23	47139	7.58	87189	8.96	73027	11.96	57322	13.55
5M09392	AC18716-003	25478	5.20	94520	6.23	56805	7.58	99391	8.96	80436	11.95	59758	13.54
5M09394	AC18669-004(	21824	5.20	80020	6.23	46893	7.58	79816	8.96	69424	11.95	54366	13.54
5M09395	WMB2620	23084	5.20	90842	6.23	55120	7.58	91127	8.96	77519	11.95	59610	13.53
5M09396	AC18716-001	20984	5.20	78818	6.23	48791	7.57	81379	8.96	67591	11.95	48083	13.54
5M09397	AC18716-002	19874	5.20	76059	6.23	44042	7.58	79049	8.96	63079	11.95	46925	13.53
5M09398	WMB2620(MS	20532	5.20	78393	6.23	46333	7.58	84023	8.96	68614	11.96	52077	13.54
5M09400	WMB2621	23157	5.20	86438	6.23	52614	7.57	92025	8.96	75958	11.95	56920	13.54
5M09401	WMB2621(MS	22507	5.20	86919	6.23	51149	7.58	86715	8.96	71650	11.95	54335	13.54
5M09403	AC18667-001(	20645	5.20	80048	6.23	49042	7.58	85454	8.96	72279	11.96	56543	13.54
5M09404	AC18667-001(	23399	5.20	96611	6.23	58335	7.58	104601	8.96	88916	11.96	68134	13.54
5M09405	SMB2594	17040	5.20	66536	6.23	42179	7.57	83149	8.96	71269	11.95	55122	13.53
5M09406	SMB2594(MS	18232	5.20	75226	6.23	49499	7.58	91488	8.96	80770	11.95	60355	13.53
5M09407	AC18689-002	21218	5.20	81898	6.23	50321	7.57	88981	8.96	74090	11.95	51554	13.53
5M09408	AC18689-002(	18226	5.20	74998	6.23	47203	7.58	90008	8.96	83204	11.95	57746	13.54
5M09409	AC18689-002(	18355	5.20	77736	6.23	47353	7.58	90710	8.96	83662	11.95	60486	13.53
5M09410	AC18689-007	19280	5.20	75369	6.23	45808	7.57	84169	8.96	73377	11.95	52008	13.54
5M09411	AC18475-001(	23527	5.20	92631	6.23	56981	7.58	99436	8.96	90658	11.95	61174	13.54
5M09412	EF2V4993	24558	5.20	92876	6.23	57803	7.58	100382	8.96	81813	11.95	60218	13.53
5M09413	AC18681-001(	15209	5.20	60542	6.23	36439	7.58	67838	8.96	61014	11.95	50268	13.54

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05299.D

Analysis Date/Time: 08/03/05 08:52

Lab File ID: CAL BNA@50PPM

8424

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	39673	4.94	128050	5.94	71936	7.53	122199	9.13	86303	12.33	51188	14.18
Eval File Area Limit:	19836-79346		64025-256100		35968-143872		61100-244398		43152-172606		25594-102376	
Eval File Rt Limit:	4.44-5.44		5.44-6.44		7.03-8.030001		8.63-9.63		11.83-12.83		13.68-14.68	

Data File	Sample#											
4M05299	CAL BNA@50	39673	4.94	128050	5.94	71936	7.53	122199	9.13	86303	12.33	51188	14.18
4M05300	CAL BNA@10	30220	4.94	95624	5.94	54722	7.53	96248	9.13	78377	12.33	54571	14.18
4M05301	CAL BNA@25	44723	4.94	140434	5.94	75558	7.52	127553	9.12	90498	12.33	57551	14.18
4M05302	CAL BNA@80	38055	4.94	125850	5.94	72993	7.53	125355	9.13	82228	12.33	47754	14.18
4M05303	CAL BNA@12	43595	4.94	141452	5.94	87716	7.53	158300	9.13	111899	12.34	77716	14.18
4M05304	CAL BNA@16	40792	4.94	142226	5.94	86087	7.53	163050	9.13	110455	12.34	70365	14.19
4M05305	CAL BNA@20	44370	4.94	145276	5.94	91941	7.53	168689	9.13	98308	12.34	56071	14.19
4M05306	SMB2606	44760	4.94	152039	5.94	87769	7.52	164560	9.12	162354	12.33	116182	14.18
4M05307	AC18819-004	44582	4.94	156681	5.94	90384	7.52	159375	9.12	84599	12.32	42851	14.18
4M05308	AC18819-006	46788	4.94	157022	5.94	90670	7.53	154654	9.13	83158	12.33	51626	14.18
4M05309	AC18819-012	42117	4.94	152692	5.94	92949	7.53	163565	9.13	82214	12.33	40253	14.18
4M05310	AC18819-018	48549	4.94	158546	5.94	93040	7.52	158932	9.12	77672	12.32	41611	14.18
4M05311	SMB2606	44570	4.94	141927	5.94	80550	7.52	140069	9.12	71378	12.32	38350	14.18
4M05312	SMB2605(MS	40074	4.94	144108	5.94	81810	7.53	141449	9.13	93097	12.32	58330	14.18
4M05313	AC18819-008(	20687	4.94	63422	5.94	34658	7.52	58014	9.12	33803	12.32	22064	14.18
4M05314	AC18819-008(	44245	4.94	165632	5.94	93228	7.53	154740	9.13	75837	12.32	42427	14.18
4M05315	AC18802-004	51581	4.94	176508	5.94	94586	7.52	161299	9.12	87411	12.32	57433	14.18
4M05316	AC18802-006	44481	4.94	142962	5.94	88935	7.52	155703	9.13	80402	12.33	50200	14.18
4M05317	AC18853-002	47709	4.94	150649	5.94	81121	7.52	115233	9.12	56814	12.32	41698	14.18
4M05318	AC18853-003	43542	4.95	144388	5.94	84200	7.52	127610	9.13	46249	12.33	28785	14.19
4M05319	AC18853-004	45019	4.94	157211	5.94	84715	7.53	123567	9.13	58135	12.33	46524	14.18
4M05320	AC18808-001	39487	4.94	113728	5.94	48699	7.53	66993	9.13	40110	12.33	34673	14.18
4M05321	AC18802-002	40310	4.94	112657	5.95	60206	7.52	76169	9.13	36591	12.34	30717	14.19
4M05322	AC18802-005	44347	4.94	147214	5.94	72289	7.53	87487	9.13	46193	12.33	36612	14.19
4M05323	AC18852-001	32540	4.94	88475	5.94	47382	7.54	62188	9.13	34714	12.33	26948	14.19
4M05324	AC18853-001	36767	4.94	120021	5.94	57219	7.53	69432	9.13	41040	12.33	34378	14.19
4M05325	AC18847-001	42151	4.94	133069	5.94	62065	7.53	82796	9.13	48179	12.33	38682	14.19
4M05326	AC18802-001	33451	4.94	100015	5.94	45339	7.53	53797	9.13	36284	12.33	30184	14.19
4M05327	AC18786-013	40499	4.94	130206	5.94	59668	7.52	70432	9.13	42948	12.33	35668	14.19
4M05328	AC18786-014	40702	4.94	148245	5.94	69305	7.53	77624	9.13	39464	12.33	34134	14.19
4M05329	AC18796-007	35903	4.94	111815	5.94	55034	7.53	67300	9.13	43758	12.33	34728	14.19

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M09827.D

Analysis Date/Time: 08/08/05 06:40

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	33792	5.10	125969	6.13	69689	7.47	114519	8.83	88593	11.81	67613	13.39
Eval File Area Limit:	16896-67584		62984-251938		34844-139378		57260-229038		44296-177186		33806-135226	
Eval File Rt Limit:	4.6-5.6		5.63-6.63		6.97-7.97		8.33-9.33		11.31-12.31		12.89-13.89	

Data File	Sample#											
5M09828	WMB2633	25717	5.10	103751	6.13	59510	7.47	101037	8.83	83090	11.81	69886	13.39
5M09829	WMB2634	27171	5.09	110852	6.13	63451	7.46	111388	8.82	91021	11.80	73792	13.39
5M09830	SMB2613	29435	5.09	111105	6.13	64262	7.46	110633	8.82	83153	11.80	64045	13.38
5M09831	SMB2613(MS	29466	5.10	120361	6.13	65295	7.46	108689	8.83	85966	11.80	64418	13.38
5M09832	AC18807-021	31637	5.09	119783	6.13	67695	7.46	114207	8.83	79583	11.80	57651	13.39
5M09833	AC18807-021(	24317	5.10	92443	6.13	52500	7.46	80267	8.83	55829	11.80	39737	13.39
5M09834	AC18807-021(	25141	5.10	101209	6.13	53756	7.47	88987	8.83	64455	11.80	48834	13.39
5M09835	WMB2634(MS	27817	5.10	106597	6.13	62674	7.47	102710	8.83	80333	11.81	62735	13.39
5M09836	AC18892-001	27140	5.09	109669	6.13	60811	7.46	100199	8.82	77020	11.80	56788	13.39
5M09837	AC18892-001(	30977	5.10	120201	6.13	66910	7.47	119449	8.83	86048	11.81	62250	13.39
5M09838	AC18892-001(	28450	5.10	113363	6.13	66281	7.47	113921	8.83	86567	11.81	66400	13.39
5M09839	AC18778-017	27290	5.09	110491	6.13	58349	7.46	96238	8.83	69787	11.80	54734	13.39
5M09840	AC18807-001	31014	5.09	124327	6.13	67066	7.46	106768	8.83	78200	11.80	61718	13.39
5M09841	AC18888-001	29662	5.09	118438	6.13	70928	7.46	116323	8.83	98251	11.80	73255	13.39
5M09842	AC18892-002	32471	5.09	125176	6.13	68988	7.46	123251	8.82	99406	11.80	72863	13.39
5M09843	AC18892-003	34583	5.10	118451	6.13	67554	7.47	119722	8.83	103989	11.81	74513	13.39
5M09844	AC18873-014	26414	5.09	102280	6.13	58400	7.46	105917	8.82	90637	11.80	72896	13.39
5M09845	AC18778-022	30462	5.09	118227	6.13	69102	7.46	111034	8.83	75948	11.80	61488	13.39
5M09846	AC18778-023	27197	5.09	103930	6.13	61812	7.46	107339	8.82	71693	11.80	56449	13.38
5M09847	AC18807-024	22810	5.09	93552	6.13	51524	7.46	88073	8.82	67483	11.80	47176	13.39
5M09848	AC18807-025	27743	5.09	104705	6.13	62085	7.46	98469	8.82	69667	11.80	55878	13.39
5M09849	AC18807-017	30532	5.09	112082	6.13	62437	7.46	113544	8.82	83289	11.80	62558	13.38
5M09850	AC18807-018	31842	5.09	114917	6.13	66475	7.46	111496	8.83	79443	11.80	60824	13.39
5M09851	AC18807-020	30698	5.09	121200	6.13	67441	7.46	111216	8.83	84019	11.81	64306	13.39
5M09852	AC18778-018	23804	5.09	96314	6.13	60732	7.46	105520	8.83	76686	11.80	60323	13.39
5M09853	AC18884-004	31946	5.09	130930	6.13	78310	7.46	137403	8.83	109050	11.80	79531	13.39
5M09854	SMB2614	30951	5.09	119115	6.13	66477	7.46	114757	8.82	83919	11.80	65348	13.39
5M09855	AC18873-017	26169	5.09	106102	6.13	60965	7.46	103829	8.83	79456	11.80	62026	13.39
5M09856	AC18830-001	26965	5.09	108262	6.13	62602	7.46	109204	8.82	79834	11.80	61370	13.39
5M09857	AC18845-002	28163	5.09	117997	6.13	66442	7.46	112162	8.83	71358	11.80	52836	13.39
5M09858	AC18939-001	26677	5.09	111513	6.13	62666	7.46	101517	8.83	72807	11.81	56704	13.39
5M09859	AC18845-004	26416	5.09	110509	6.13	66163	7.47	103561	8.83	71040	11.81	49262	13.40
5M09867	CH2CL2(#1)	30933	5.09	122340	6.13	70228	7.46	125460	8.83	102300	11.80	78396	13.39
5M09868	CH2CL2(#2)	36946	5.09	151002	6.13	85928	7.47	145488	8.83	125136	11.81	96350	13.39

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05426.D

Analysis Date/Time: 08/08/05 06:59

Lab File ID: CAL BNA@50PPM

0426

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	30327	4.90	95647	5.90	50656	7.48	82469	9.07	68852	12.27	58010	14.12
Eval File Area Limit:	15164-60654		47824-191294		25328-101312		41234-164938		34426-137704		29005-116020	
Eval File Rt Limit:	4.4-5.4		5.4-6.4		6.98-7.98		8.57-9.57		11.77-12.77		13.62-14.62	

Data File	Sample#											
4M05427	SMB2613(MS	30463	4.90	98580	5.90	53899	7.47	93065	9.07	85453	12.27	73082	14.12
4M05428	SMB2613	39428	4.90	119863	5.90	65103	7.46	102453	9.07	94992	12.27	83360	14.12
4M05429	AC18920-001	30735	4.90	90290	5.90	45371	7.47	70087	9.07	43161	12.27	32652	14.13
4M05430	AC18920-002	27572	4.90	76519	5.90	36366	7.47	56423	9.07	38139	12.27	30454	14.12
4M05431	AC18920-003	23651	4.90	67789	5.90	32368	7.47	47288	9.08	34065	12.28	26361	14.13
4M05432	AC18778-024	27195	4.90	87197	5.90	40377	7.48	61613	9.07	47887	12.28	37453	14.13
4M05433	AC18807-019	24005	4.89	67251	5.90	33967	7.47	50464	9.08	38325	12.28	30729	14.14
4M05434	AC18820-001	28397	4.90	85597	5.90	38594	7.47	53628	9.07	38675	12.28	31203	14.13
4M05435	AC18807-023(	27391	4.89	75479	5.90	40867	7.47	59962	9.08	48003	12.28	36568	14.14
4M05436	AC18820-003(	27686	4.90	82453	5.90	40513	7.47	59383	9.08	44779	12.28	34095	14.14
4M05437	AC18820-004(	26639	4.90	75974	5.90	35784	7.48	53645	9.07	41314	12.28	29924	14.13
4M05438	AC18820-002(	25904	4.90	79700	5.90	35400	7.47	55354	9.07	41202	12.28	30924	14.13
4M05439	AC18806-001(	28087	4.90	86342	5.90	36296	7.48	49230	9.07	41932	12.28	33222	14.13
4M05440	AC18778-021	29618	4.90	83037	5.90	40993	7.47	55516	9.07	38553	12.27	28508	14.13
4M05441	AC18807-015	30974	4.89	90578	5.90	42810	7.47	59049	9.08	40358	12.28	31220	14.14
4M05442	AC18807-016	32038	4.89	100208	5.90	45611	7.47	63255	9.08	41030	12.28	33902	14.13
4M05443	AC18778-004(	26949	4.90	77503	5.90	41225	7.47	60107	9.07	47608	12.28	36904	14.13
4M05444	AC18778-016(	40947	4.90	119389	5.90	55838	7.48	71513	9.07	45308	12.28	35000	14.13
4M05445	AC18778-019(	26130	4.90	74902	5.89	36283	7.47	53465	9.07	42098	12.27	31874	14.13
4M05446	AC18778-013	35301	4.90	93025	5.90	45154	7.47	64994	9.07	44348	12.27	33353	14.13
4M05447	AC18778-001	34072	4.89	100113	5.90	48158	7.47	71514	9.08	51079	12.28	38192	14.14
4M05448	AC18778-007	29169	4.90	85629	5.90	41317	7.47	62551	9.07	47553	12.28	35280	14.14
4M05449	AC18807-022	28444	4.89	88326	5.90	43817	7.47	61710	9.08	42642	12.28	33060	14.14
4M05450	AC18820-003	27569	4.90	81683	5.90	39617	7.48	61505	9.07	48505	12.28	35795	14.14
4M05451	AC18820-004	25371	4.90	75639	5.90	35203	7.47	51751	9.07	36929	12.28	28218	14.14
4M05452	AC18820-002	24335	4.90	68306	5.91	34967	7.47	52616	9.08	38781	12.29	30535	14.15
4M05453	AC18806-001(	22770	4.90	69951	5.91	33478	7.48	49303	9.09	39712	12.29	29781	14.15
4M05454	AC18873-016	24080	4.90	73834	5.90	34651	7.48	47340	9.08	35163	12.28	27311	14.14
4M05455	TEST	23632	4.90	72308	5.90	35438	7.48	47733	9.08	34770	12.28	19352	14.14
4M05456	TEST	24604	4.90	79271	5.90	38488	7.47	54176	9.08	39428	12.28	21574	14.14
4M05457	TEST	20592	4.91	66626	5.90	33720	7.47	51791	9.08	40344	12.28	22588	14.14
4M05458	TEST	27417	4.90	84363	5.90	36704	7.48	52589	9.08	37712	12.28	21111	14.14
4M05459	TEST	25327	4.90	72237	5.91	36997	7.47	50157	9.07	37252	12.29	19845	14.14
4M05460	TEST	24915	4.90	78567	5.90	38320	7.47	54570	9.08	41738	12.28	23747	14.14

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05466.D

Analysis Date/Time: 08/09/05 11:53

Lab File ID: CAL BNA@50PPM

8427

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	65895	4.86	205394	5.86	97133	7.41	125279	9.01	69622	12.20	56505	14.05
Eval File Area Limit:	32948-131790		102697-410788		48566-194266		62640-250558		34811-139244		28252-113010	
Eval File Rt Limit:	4.36-5.36		5.36-6.36		6.91-7.91		8.51-9.51		11.7-12.7		13.55-14.55	

Data File	Sample#											
4M05466	CAL BNA@50	65895	4.86	205394	5.86	97133	7.41	125279	9.01	69622	12.20	56505	14.05
4M05468	CAL BNA@10	57842	4.86	155113	5.86	79782	7.41	109338	9.01	69500	12.20	58179	14.04
4M05469	CAL BNA@25	58066	4.85	185861	5.86	93020	7.42	119103	9.01	60941	12.19	50092	14.05
4M05470	CAL BNA@80	63891	4.86	191407	5.86	96325	7.42	129548	9.01	63995	12.20	54570	14.04
4M05471	CAL BNA@12	69975	4.86	204062	5.86	102735	7.42	134649	9.01	70467	12.20	57724	14.04
4M05472	CAL BNA@16	64865	4.86	188371	5.87	102778	7.42	139990	9.01	82110	12.20	62808	14.05
4M05473	CAL BNA@20	61752	4.87	196967	5.86	108306	7.42	172040	9.02	106702	12.21	91205	14.05
4M05474	SMB2617(MS	69429	4.86	201326	5.85	103258	7.42	136852	9.01	66034	12.19	50035	14.04
4M05475	SMB2617	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M03619.D

Analysis Date/Time: 08/09/05 10:52

Lab File ID: CAL BNA@50PPM

B428

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	53578	4.48	168505	5.44	92895	7.00	141804	8.59	81696	11.78	43480	13.63
Eval File Area Limit:	26789-107156		84252-337010		46448-185790		70902-283608		40848-163392		21740-86960	
Eval File Rt Limit:	3.98-4.98		4.94-5.94		6.5-7.5		8.09-9.09		11.28-12.28		13.13-14.13	

Data File	Sample#											
6M03619	CAL BNA@50	53578	4.48	168505	5.44	92895	7.00	141804	8.59	81696	11.78	43480	13.63
6M03620	CAL BNA@10	57243	4.48	184439	5.44	101001	6.99	161667	8.59	92580	11.78	55590	13.63
6M03621	CAL BNA@25	37506	4.48	113424	5.44	53334	7.00	76542	8.59	43801	11.78	26302	13.63
6M03622	CAL BNA@80	52508	4.48	171506	5.44	95117	7.00	140403	8.59	70023	11.78	40428	13.63
6M03623	CAL BNA@12	43847	4.48	145307	5.44	78946	7.00	118099	8.59	61837	11.78	38767	13.63
6M03624	CAL BNA@16	44861	4.49	146678	5.45	76066	7.00	102236	8.59	47993	11.78	30760	13.63
6M03625	CAL BNA@20	55594	4.49	185870	5.45	104894	7.00	160243	8.60	73714	11.78	40732	13.63
6M03626	SMB2614(MS	50196	4.49	160814	5.44	96001	7.00	160260	8.59	105548	11.78	61103	13.63
6M03627	SMB2615	56332	4.48	185975	5.44	101744	6.99	170074	8.59	115370	11.78	70565	13.63
6M03628	SMB2614	49040	4.48	153670	5.44	87538	7.00	148519	8.59	97741	11.78	59116	13.63
6M03629	SMB2617	46156	4.49	155939	5.44	88214	7.00	153306	8.59	99039	11.78	59083	13.63
6M03630	AC18873-012	41667	4.48	131676	5.44	69677	7.00	111115	8.59	59605	11.78	33330	13.63
6M03631	AC18873-011(	46585	4.49	53775	5.45	26336	7.03	59437	8.63	33183	11.78	23501	13.63
6M03632	AC18873-013(	36400	4.49	111493	5.44	57273	7.00	80214	8.59	37197	11.78	26978	13.63
6M03633	AC18873-007	46943	4.48	152348	5.44	85893	6.99	142725	8.59	63190	11.78	34239	13.63
6M03634	AC18873-008	37707	4.48	118658	5.45	63206	7.00	83975	8.59	34967	11.78	21965	13.63
6M03635	AC18873-009	33497	4.48	101724	5.44	52457	7.00	77486	8.59	37165	11.78	24781	13.63
6M03636	AC18873-003	36318	4.48	116646	5.44	57856	7.00	88658	8.59	38036	11.78	25072	13.63
6M03637	AC18830-015	49491	4.49	158055	5.45	84658	7.00	128426	8.59	57101	11.78	31803	13.62
6M03638	AC18830-016	42972	4.48	138298	5.44	70840	7.00	106753	8.59	41779	11.78	24191	13.63
6M03639	AC18825-004	39376	4.48	125289	5.44	61343	7.00	95270	8.59	45203	11.78	27418	13.63
6M03640	AC18845-007	41654	4.49	26023	5.45	41567	7.03	60247	8.62	32837	11.79	23428	13.63
6M03641	AC18845-010	43888	4.50	23880	5.46	32444	7.04	42838	8.63	27080	11.79	20680	13.63
6M03642	AC18845-012	43272	4.48	45568	5.44	40834	7.02	64504	8.62	38491	11.79	24684	13.63
6M03643	AC18825-003	56788	4.48	203354	5.44	112351	7.00	145169	8.60	53419	11.79	33557	13.64
6M03644	AC18873-020	51778	4.48	173146	5.44	94340	7.00	131146	8.59	44843	11.78	23901	13.63
6M03645	AC18955-001	40911	4.49	130036	5.45	66073	7.00	88111	8.59	36006	11.78	20776	13.63
6M03646	AC18984-002	40444	4.49	128415	5.44	66098	7.00	91870	8.59	41409	11.78	23980	13.63
6M03647	AC18984-003	56617	4.48	179586	5.44	89483	7.00	125604	8.59	50952	11.78	28815	13.63
6M03648	AC18984-006	61693	4.48	215122	5.44	113298	7.00	143122	8.59	48496	11.78	27087	13.63
6M03649	AC18984-007	49749	4.49	177863	5.45	97805	7.00	126438	8.59	41264	11.78	23850	13.63

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M09912.D

Analysis Date/Time: 08/10/05 06:55

Lab File ID: CAL BNA@50PPM

8429

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	27401	5.08	110065	6.12	62398	7.45	114286	8.81	89808	11.79	68110	13.37
Eval File Area Limit:	13700-54802		55032-220130		31199-124796		57143-228572		44904-179616		34055-136220	
Eval File Rt Limit:	4.58-5.58		5.62-6.62		6.95-7.95		8.31-9.31		11.29-12.29		12.87-13.87	

Data File	Sample#											
5M09913	SMB2618	29225	5.08	111862	6.12	67213	7.45	109457	8.81	84875	11.78	65765	13.37
5M09914	SMB2618(MS	29475	5.08	112417	6.12	66802	7.45	110544	8.81	87819	11.78	65987	13.37
5M09915	SMB2617	27342	5.07	104073	6.12	59595	7.45	98933	8.81	78719	11.78	56836	13.36
5M09916	SMB2617(MS	30752	5.08	120936	6.12	66109	7.45	114577	8.81	89005	11.78	69379	13.37
5M09917	AC18955-003	33090	5.07	122495	6.12	72683	7.45	113685	8.81	85279	11.78	68377	13.37
5M09918	AC18955-003(	31075	5.08	119240	6.12	66135	7.45	108867	8.81	83474	11.78	61961	13.37
5M09919	AC18955-003(	30290	5.08	113102	6.12	60801	7.45	104933	8.81	79466	11.78	57472	13.37
5M09920	AC18999-001	25451	5.08	103365	6.12	56819	7.45	92720	8.81	72426	11.78	55374	13.37
5M09921	AC18999-002	28818	5.08	108056	6.12	61041	7.45	102868	8.81	74271	11.78	55629	13.37
5M09922	AC18999-003	28254	5.08	105627	6.11	62788	7.45	97967	8.81	77914	11.78	62724	13.36
5M09923	AC18999-004	26056	5.08	83931	6.12	52095	7.45	89633	8.81	66544	11.78	53225	13.37
5M09924	AC18955-002	30498	5.08	115450	6.12	66364	7.45	108146	8.81	74541	11.78	57443	13.37
5M09925	AC18830-021	34114	5.08	131582	6.12	76929	7.45	119121	8.81	86392	11.78	66035	13.37
5M09926	AC18984-003	31247	5.07	117903	6.12	65441	7.45	112551	8.81	84543	11.78	71342	13.37
5M09927	AC18984-006	28142	5.08	111477	6.12	63288	7.45	104814	8.81	85971	11.78	63801	13.37
5M09928	AC18984-007	34505	5.08	126082	6.12	72517	7.45	113503	8.81	78837	11.78	63073	13.36
5M09929	AC18916-008	30134	5.08	112773	6.12	62625	7.45	100364	8.81	73315	11.78	58515	13.37
5M09930	AC18916-009(	29942	5.08	112949	6.12	60895	7.45	100362	8.81	72963	11.78	61229	13.37
5M09931	AC18916-010(	35072	5.08	132581	6.12	73929	7.45	110544	8.81	79646	11.78	69591	13.37
5M09932	AC18916-003	32419	5.08	121500	6.12	66085	7.45	108527	8.81	79518	11.78	68716	13.37
5M09933	AC18916-014	30751	5.08	87961	6.12	50587	7.47	85496	8.84	80540	11.78	69830	13.37
5M09934	AC18916-015	31733	5.08	112541	6.12	69214	7.45	107710	8.81	81191	11.78	64592	13.37
5M09935	AC18916-021	27331	5.08	101197	6.12	56718	7.45	89894	8.81	72232	11.78	59292	13.37
5M09936	AC18916-011	28179	5.08	16114	6.10	62577	7.50	83496	8.87	75850	11.80	63472	13.37
5M09937	AC18916-016	30730	5.08	116222	6.12	65354	7.45	98859	8.81	77050	11.78	65354	13.37
5M09938	AC18916-019	30114	5.08	119819	6.12	68719	7.45	103509	8.81	77668	11.79	63070	13.37
5M09939	AC18916-002	27135	5.08	83319	6.12	49292	7.47	82112	8.85	79507	11.79	63124	13.37
5M09940	AC18916-006	26061	5.08	83545	6.13	52791	7.48	84571	8.85	75530	11.79	65518	13.37
5M09941	AC18914-002	29897	5.08	111978	6.12	66458	7.45	111886	8.81	83310	11.78	61791	13.37
5M09942	AC18916-012	28577	5.08	103157	6.12	58718	7.45	96130	8.81	69867	11.78	56959	13.37
5M09943	AC18916-018	28526	5.08	111773	6.12	60360	7.45	102465	8.81	74281	11.78	57206	13.37
5M09944	AC18916-013	32660	5.08	122702	6.12	67766	7.45	103301	8.81	83412	11.78	68227	13.37
5M09945	TEST	31008	5.08	124015	6.12	73839	7.45	125967	8.81	92208	11.79	76479	13.38
5M09946	TEST	29484	5.08	120566	6.12	68832	7.45	117917	8.81	89411	11.79	75788	13.38
5M09947	TEST	35339	5.08	137428	6.12	80567	7.46	133766	8.82	99742	11.80	85691	13.38
5M09948	TEST	32855	5.08	130968	6.12	76201	7.45	127037	8.81	98878	11.80	83809	13.38

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05479.D

Analysis Date/Time: 08/10/05 06:49

Lab File ID: CAL BNA@50PPM

8430

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	54526	4.86	175836	5.86	93873	7.41	137232	9.01	92299	12.20	70980	14.04
Eval File Area Limit:	27263-109052		87918-351672		46936-187746		68616-274464		46150-184598		35490-141960	
Eval File Rt Limit:	4.36-5.36		5.36-6.36		6.91-7.91		8.51-9.51		11.7-12.7		13.54-14.54	

Data File	Sample#											
4M05480	SMB2617	45827	4.86	158144	5.85	81501	7.42	127167	9.01	98255	12.20	72734	14.04
4M05481	SMB2614	63241	4.86	182654	5.85	105006	7.42	155760	9.01	105601	12.19	79548	14.04
4M05482	SMB2615	68955	4.86	204005	5.86	112669	7.42	162865	9.01	113230	12.19	87918	14.04
4M05483	SMB2616	63721	4.86	185743	5.85	95684	7.42	131517	9.01	83155	12.19	66263	14.04
4M05484	AC18873-001(	45818	4.86	127202	5.85	57036	7.42	71894	9.01	42592	12.20	37545	14.04
4M05485	AC18873-002(	40086	4.86	104915	5.86	45989	7.42	70922	9.02	53884	12.20	43979	14.05
4M05486	AC18873-005(	42007	4.86	118187	5.86	54612	7.41	71121	9.01	49212	12.20	44683	14.05
4M05487	AC18873-006(	38382	4.86	96365	5.86	46329	7.43	71970	9.02	48056	12.20	39249	14.05
4M05488	AC18873-018(	49028	4.86	137531	5.86	65707	7.41	88371	9.01	54472	12.21	45691	14.05
4M05489	AC18873-015(	42659	4.86	126001	5.85	59927	7.42	80089	9.01	56522	12.20	47231	14.05
4M05490	AC18820-005(	33761	4.86	112099	5.86	47779	7.42	61578	9.02	42212	12.21	36448	14.06
4M05491	AC18984-005(	43471	4.86	129753	5.86	62253	7.42	83512	9.01	59642	12.20	49233	14.05
4M05492	AC18873-010(	38168	4.86	104923	5.86	52530	7.42	72386	9.02	59638	12.21	48108	14.06
4M05493	AC18876-001	42655	4.86	117380	5.86	56362	7.42	80057	9.01	66857	12.21	55646	14.06
4M05494	AC18984-001	35057	4.86	91382	5.85	40789	7.42	57322	9.01	44628	12.20	36324	14.06
4M05495	AC18873-019	57570	4.86	167207	5.85	83393	7.42	100604	9.01	49390	12.21	36240	14.06
4M05496	AC18968-002	42821	4.86	122849	5.86	50551	7.43	68019	9.02	43805	12.21	35207	14.06
4M05497	AC18845-007(	43179	4.86	100640	5.86	52690	7.43	73707	9.02	54862	12.21	43379	14.06
4M05498	AC18845-012(	39716	4.86	92436	5.87	51255	7.43	69389	9.02	49728	12.21	38781	14.07
4M05499	AC18845-010(	37299	4.87	100157	5.86	49238	7.42	63877	9.02	50269	12.21	41363	14.06
4M05500	AC18873-015(	30396	4.87	95974	5.86	42147	7.42	59473	9.02	43825	12.21	32155	14.07
4M05501	AC18820-005(	38531	4.87	109116	5.86	43357	7.42	57162	9.02	40331	12.22	28266	14.07
4M05502	AC18984-005(	36213	4.87	107445	5.86	41668	7.42	53432	9.02	40147	12.22	28093	14.07
4M05503	AC18916-001	39007	4.87	96183	5.86	32160	7.45	43257	9.04	30155	12.22	21967	14.07
4M05504	AC18916-004	44035	4.86	131421	5.86	58613	7.43	63510	9.02	37927	12.22	28867	14.07
4M05505	AC18916-005	49353	4.87	147187	5.86	57932	7.42	67479	9.02	45070	12.22	35391	14.07
4M05506	AC18916-007	55003	4.87	163189	5.86	66334	7.42	74735	9.03	43070	12.22	32223	14.07
4M05507	AC18916-017	41782	4.87	82535	5.89	44800	7.49	12755	9.28	82368	12.23	57716	14.08
4M05508	AC18916-020	49548	4.87	121506	5.87	42993	7.44	70261	9.04	38916	12.22	27386	14.08
4M05509	AC18916-022	51983	4.87	158564	5.86	60641	7.43	77326	9.03	46606	12.23	37505	14.08

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M09950.D

Analysis Date/Time: 08/11/05 06:42

Lab File ID: CAL BNA@50PPM

0431

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	22663	5.07	88400	6.11	51119	7.45	88158	8.81	72987	11.78	57196	13.37
Eval File Area Limit:	11332-45326		44200-176800		25560-102238		44079-176316		36494-145974		28598-114392	
Eval File Rt Limit:	4.57-5.57		5.61-6.61		6.95-7.95		8.31-9.31		11.28-12.28		12.87-13.87	

Data File	Sample#											
5M09951	WMB2638	24729	5.07	91856	6.11	52912	7.45	91110	8.80	74140	11.78	60826	13.36
5M09952	SMB2620	27872	5.07	106577	6.11	61321	7.44	100197	8.80	75950	11.77	56519	13.36
5M09953	SMB2621	23335	5.07	88606	6.11	53215	7.44	82297	8.80	63805	11.77	47999	13.36
5M09954	WMB2638(MS	24368	5.07	91910	6.11	51512	7.45	82452	8.81	69013	11.78	53256	13.37
5M09955	AC18968-001(	24200	5.07	87769	6.11	53577	7.44	90122	8.80	75786	11.77	56365	13.36
5M09956	AC18968-001(	22945	5.07	84574	6.11	46818	7.44	83020	8.80	65108	11.78	53307	13.36
5M09957	AC18968-001(	25580	5.07	94925	6.11	54875	7.44	94459	8.80	77512	11.78	60694	13.36
5M09958	SMB2621(MS	22880	5.07	84380	6.11	48394	7.44	78627	8.80	60336	11.77	44883	13.35
5M09959	AC18872-008	22458	5.07	85054	6.11	45888	7.44	77201	8.80	53454	11.77	38210	13.35
5M09960	AC18872-008(	24663	5.07	95963	6.11	49574	7.44	85310	8.80	61340	11.77	45935	13.35
5M09961	AC18872-008(	22586	5.07	83641	6.10	47523	7.44	77164	8.80	62853	11.77	48691	13.35
5M09962	SMB2620(MS	25016	5.07	94776	6.11	53687	7.44	89792	8.80	61417	11.77	47844	13.35
5M09963	AC18873-011(	9087	5.07	32543	6.11	17972	7.44	29583	8.80	22757	11.77	16878	13.35
5M09964	AC18873-013(	25596	5.07	100238	6.11	53515	7.44	86284	8.80	69829	11.77	50501	13.35
5M09965	AC18872-001	26989	5.07	104208	6.11	58129	7.44	96031	8.80	80216	11.77	60612	13.36
5M09966	AC18977-005	27653	5.07	105593	6.11	59056	7.44	98410	8.80	72248	11.77	54500	13.35
5M09967	AC18955-001	26746	5.07	102212	6.10	57772	7.44	98267	8.80	68631	11.77	56418	13.36
5M09968	SMB2619	28677	5.07	110103	6.11	60159	7.44	98864	8.80	71272	11.77	56428	13.36
5M09969	AC18886-008	26498	5.07	102406	6.10	56392	7.44	92937	8.80	65263	11.77	51292	13.36
5M09970	AC18872-002	26350	5.07	97052	6.11	59689	7.44	88258	8.80	69451	11.77	54937	13.36
5M09971	AC18873-012	24568	5.07	92368	6.11	51200	7.44	83488	8.80	61273	11.77	48505	13.36
5M09972	AC18872-001	24547	5.07	89735	6.11	53300	7.44	92280	8.80	73282	11.77	55382	13.36
5M09973	AC18958-001	29987	5.07	120923	6.11	66505	7.44	109481	8.80	89693	11.78	67027	13.36
5M09974	AC18958-002	28982	5.07	113510	6.11	67532	7.44	114515	8.80	84837	11.77	68075	13.36
5M09975	AC18958-003	30119	5.07	112598	6.11	65469	7.44	111046	8.80	82941	11.77	66936	13.36
5M09976	AC18916-014(	5753	5.07	20347	6.11	11360	7.45	21030	8.81	16430	11.77	11641	13.35
5M09977	AC18916-011(	1550	5.07	5511	6.11	3189	7.45	5366	8.80	0	0.00 R	0	0.00 R
5M09978	AC18916-011(	2722	5.07	10855	6.11	6132	7.45	10721	8.80	8749	11.77	6204	13.35
5M09979	AC18916-006(	2516	5.07	10223	6.11	5693	7.45	9900	8.81	7384	11.77	5413	13.35
5M09980	AC18916-013	25297	5.07	99255	6.11	54278	7.44	85004	8.80	62229	11.78	50733	13.36
5M09981	AC18873-011(	14208	5.07	54483	6.11	30403	7.44	52140	8.80	35861	11.77	27677	13.35
5M09982	AC18888-007	25781	5.07	104853	6.11	62639	7.44	110379	8.80	85170	11.78	65125	13.36
5M09991	WMB2637	29557	5.07	115983	6.11	64871	7.44	107293	8.80	80079	11.77	64638	13.36
5M09992	MBS A	28275	5.07	105664	6.11	59339	7.45	105469	8.80	79857	11.78	63103	13.37
5M09993	MBS B	28545	5.07	103004	6.11	57963	7.45	99129	8.80	79075	11.78	59541	13.36
5M09994	MBS C	27072	5.07	103002	6.11	58171	7.45	97177	8.80	74222	11.78	56836	13.36
5M09995	MBS D	27964	5.07	107694	6.11	56430	7.45	98873	8.80	72777	11.78	57580	13.37

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

0432

Compound:	Instrument ID:>	GCMS_4	GCMS_5	GCMS_6		
	Effective Date:>	4/6/2005	3/23/2005	3/23/2005		
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,2,4-Trichlorobenzene		0.27068	0.17463	0.36778		
1,2-Dichlorobenzene		0.45670	0.40227	0.44865		
1,2-Diphenylhydrazine		0.28892	0.32832	0.17969		
1,3-Dichlorobenzene		0.41978	0.28375	0.38962		
1,4-Dichlorobenzene		0.50827	0.17543	0.31127		
2,4,5-Trichlorophenol		13.48778	1.55158	1.35511		
2,4,6-Trichlorophenol		24.22832	0.75237	1.70254		
2,4-Dichlorophenol		1.61728	1.33235	1.22146		
2,4-Dimethylphenol		1.38162	0.84628	1.16983		
2,4-Dinitrophenol		6.79626	1.83798	0.98312		
2,4-Dinitrotoluene		0.37194	0.35723	0.50475		
2,6-Dinitrotoluene		0.41264	0.45051	0.33756		
2-Chloronaphthalene		0.27626	0.11350	0.42581		
2-Chlorophenol		2.04081	1.83730	0.67489		
2-Methylnaphthalene		1.28859	1.70924	1.02567		
2-Methylphenol		4.76111	3.72932	2.23030		
2-Nitroaniline		0.70265	1.29538	1.51577		
2-Nitrophenol		1.16400	1.23191	1.33002		
3&4-Methylphenol		5.29712	3.70710	2.72146		
3,3'-Dichlorobenzidine		2.19132	1.75381	4.21579		
3-Nitroaniline		4.14156	2.51943	2.70486		
4,6-Dinitro-2-methylphenol		1.89986	1.90303	1.23839		
4-Bromophenyl-phenylether		0.38350	0.40827	0.48740		
4-Chloro-3-methylphenol		2.54354	2.00536	1.98577		
4-Chloroaniline		7.71643	6.78747	7.01139		
4-Chlorophenyl-phenylether		0.46255	0.28190	0.38529		
4-Nitroaniline		2.46624	1.49110	2.43536		
4-Nitrophenol		1.77424	1.41362	1.14126		
Acenaphthene		0.41753	0.16496	0.35659		
Acenaphthylene		0.23123	0.15117	0.19948		
Anthracene		0.26184	0.19772	0.25210		
Benzidine		2.26576	10.33404	0.58332		
Benzo[a]anthracene		0.17463	0.13947	0.41828		
Benzo[a]pyrene		0.23037	0.16622	0.44865		
Benzo[b]fluoranthene		0.29921	0.27777	0.50866		
Benzo[g,h,i]perylene		0.19015	0.14367	0.36492		
Benzo[k]fluoranthene		0.32572	0.35026	0.46404		
Bis(2-Chloroethoxy)methane		0.22803	0.23323	0.29276		
Bis(2-Chloroethyl)Ether		0.52829	0.44437	0.38785		
Bis(2-Chloroisopropyl)ether		0.32507	0.20721	0.29502		
Bis(2-Ethylhexyl)phthalate		0.90300	0.63472	0.27003		
Butylbenzylphthalate		0.40102	0.27090	0.40993		
Carbazole		0.29620	0.19198	0.35314		
Chrysene		0.20687	0.28428	0.18662		
Di-n-butylphthalate		0.22375	0.20243	0.22438		
DI-n-octylphthalate		0.23616	0.33959	0.23616		
Dibenzo[a,h]Anthracene		0.34866	0.18303	0.50357		
Dibenzofuran		1.26920	1.29319	1.73897		
Diethylphthalate		0.27453	0.23532	0.23881		
Dimethylphthalate		0.22624	0.17241	0.50420		
Fluoranthene		0.28734	0.16474	0.36373		
Fluorene		0.25288	0.23925	0.21281		
Hexachlorobenzene		0.46339	0.40538	0.56375		
Hexachlorobutadiene		0.42434	0.24578	0.34479		
Hexachlorocyclopentadiene		2.65832	2.69360	6.22466		
Hexachloroethane		0.74400	0.34755	0.51333		
Indeno[1,2,3-cd]pyrene		0.13771	0.16955	0.71935		
Isophorone		0.30857	5.33255	0.23022		
N-Nitroso-Di-N-Propylamine		0.48296	0.31849	0.55330		
N-Nitrosodimethylamine		11.80595	11.10428	6.40769		
N-Nitrosodiphenylamine		0.47696	0.27325	0.37059		
Naphthalene		0.23517	0.09725	0.18996		
Nitrobenzene		0.39734	0.28094	0.83094		
Pentachlorophenol		1.23489	0.96604	0.95832		
Phenanthrene		0.23032	0.22245	0.23077		
Phenol		1.52445	1.65282	0.99544		
Pyrene		0.23258	0.22895	0.17119		

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

B434

Sample Number: AC18873-001(3X)
Client Id: PCSB-53(0.5')
Data File: 4M05484.D
Analysis Date: 08/10/05 08:57
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.029	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.032**	**1.6**
95-50-1	1,2-Dichlorobenzene	0.049	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.020**	**1.4**
122-66-7	1,2-Diphenylhydrazine	0.031	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.035**	**0.73**
541-73-1	1,3-Dichlorobenzene	0.045	U	111-91-1	bis(2-Chloroethoxy)methan	0.025	U
106-46-7	1,4-Dichlorobenzene	0.055	U	111-44-4	bis(2-Chloroethyl)ether	0.057	U
95-95-4	2,4,5-Trichlorophenol	1.5	U	108-60-1	bis(2-chloroisopropyl)ether	0.035	U
88-06-2	2,4,6-Trichlorophenol	2.6	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.097**	**0.18**
120-83-2	2,4-Dichlorophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.043	U
105-67-9	2,4-Dimethylphenol	0.15	U	**86-74-8**	**Carbazole**	**0.032**	**0.14**
51-28-5	2,4-Dinitrophenol	0.73	U	**218-01-9**	**Chrysene**	**0.022**	**1.6**
121-14-2	2,4-Dinitrotoluene	0.040	U	84-74-2	Di-n-butylphthalate	0.024	U
606-20-2	2,6-Dinitrotoluene	0.044	U	117-84-0	Di-n-octylphthalate	0.025	U
91-58-7	2-Chloronaphthalene	0.030	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.037**	**0.33**
95-57-8	2-Chlorophenol	0.22	U	**132-64-9**	**Dibenzofuran**	**0.14**	**0.27**
91-57-6	**2-Methylnaphthalene**	**0.14**	**1.5**	84-66-2	Diethylphthalate	0.030	U
95-48-7	2-Methylphenol	0.51	U	131-11-3	Dimethylphthalate	0.024	U
88-74-4	2-Nitroaniline	0.076	U	**206-44-0**	**Fluoranthene**	**0.031**	**2.4**
88-75-5	2-Nitrophenol	0.13	U	**86-73-7**	**Fluorene**	**0.027**	**0.20**
106-44-5	3&4-Methylphenol	0.57	U	118-74-1	Hexachlorobenzene	0.050	U
91-94-1	3,3'-Dichlorobenzidine	0.24	U	87-68-3	Hexachlorobutadiene	0.046	U
99-09-2	3-Nitroaniline	0.45	U	77-47-4	Hexachlorocyclopentadiene	0.29	U
534-52-1	4,6-Dinitro-2-methylphenol	0.20	U	67-72-1	Hexachloroethane	0.080	U
101-55-3	4-Bromophenyl-phenylether	0.041	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.015**	**1.0**
59-50-7	4-Chloro-3-methylphenol	0.27	U	78-59-1	Isophorone	0.033	U
106-47-8	4-Chloroaniline	0.83	U	621-64-7	N-Nitroso-di-n-propylamine	0.052	U
7005-72-3	4-Chlorophenyl-phenylether	0.050	U	62-75-9	N-Nitrosodimethylamine	1.3	U
100-01-6	4-Nitroaniline	0.27	U	86-30-6	n-Nitrosodiphenylamine	0.051	U
100-02-7	4-Nitrophenol	0.19	U	**91-20-3**	**Naphthalene**	**0.025**	**0.80**
83-32-9	Acenaphthene	0.045	U	98-95-3	Nitrobenzene	0.043	U
208-96-8	Acenaphthylene	0.025	U	87-86-5	Pentachlorophenol	0.13	U
120-12-7	**Anthracene**	**0.028**	**0.39**	**85-01-8**	**Phenanthrene**	**0.025**	**1.6**
92-87-5	Benzidine	0.24	U	108-95-2	Phenol	0.16	U
56-55-3	**Benzo[a]anthracene**	**0.019**	**1.3**	**129-00-0**	**Pyrene**	**0.025**	**2.0**
50-32-8	**Benzo[a]pyrene**	**0.025**	**1.4**				

Worksheet #: 18319

Total Target Concentration 18.84

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05484.D Vial: 18
Acq On : 10 Aug 2005 8:57 Operator: AHD
Sample : AC18873-001(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:29 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	45818	40.00	ng	0.00
19) Naphthalene-d8	5.85	136	127202	40.00	ng	0.00
35) Acenaphthene-d10	7.42	164	57036	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	71894	40.00	ng	0.00
72) Chrysene-d12	12.20	240	42592	40.00	ng	0.00
81) Perylene-d12	14.04	264	37545	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.70	112	77397	60.75	ng	0.00
Spiked Amount 200.000			Recovery = 30.38%			
7) Phenol-d5	4.56	99	93442	58.41	ng	-0.02
Spiked Amount 200.000			Recovery = 29.21%			
20) Nitrobenzene-d5	5.30	128	18832	30.62	ng	0.00
Spiked Amount 100.000			Recovery = 30.62%			
40) 2-Fluorobiphenyl	6.77	172	65247	33.46	ng	0.00
Spiked Amount 100.000			Recovery = 33.46%			
62) 2,4,6-Tribromophenol	8.24	332	22168	61.24	ng	0.00
Spiked Amount 200.000			Recovery = 30.62%			
75) Terphenyl-d14	10.91	244	35667	29.55	ng	0.00
Spiked Amount 100.000			Recovery = 29.55%			
Target Compounds						Qvalue
29) Naphthalene	5.87	128	22396	7.44	ng	99
33) 2-Methylnaphthalene	6.44	142	26717	13.81	ng	98
52) Dibenzofuran	7.62	168	5045	2.53	ng	80
55) Fluorene	7.98	166	2854	1.87	ng	82
67) Phenanthrene	9.04	178	27832	15.18	ng	100
68) Anthracene	9.09	178	6580	3.60	ng	93
69) Carbazole	9.30	167	2049	1.33	ng	68
71) Fluoranthene	10.42	202	35703	22.11	ng	92
73) Pyrene	10.69	202	32236	18.92	ng	84
78) Benzo[a]anthracene	12.18	228	17177	12.55	ng	96
79) Chrysene	12.23	228	17615	14.52	ng	93
80) bis(2-Ethylhexyl)phthalate	12.32	149	2275	1.69	ng	84
83) Benzo[b]fluoranthene	13.57	252	21286m	15.33	ng	
84) Benzo[k]fluoranthene	13.60	252	8593m	6.77	ng	
85) Benzo[a]pyrene	13.97	252	15530	12.71	ng	95
86) Indeno[1,2,3-cd]pyrene	15.28	276	13050	9.47	ng	85
87) Dibenzo[a,h]anthracene	15.31	278	3407	3.10	ng	51
88) Benzo[g,h,i]perylene	15.56	276	15420	13.36	ng	89

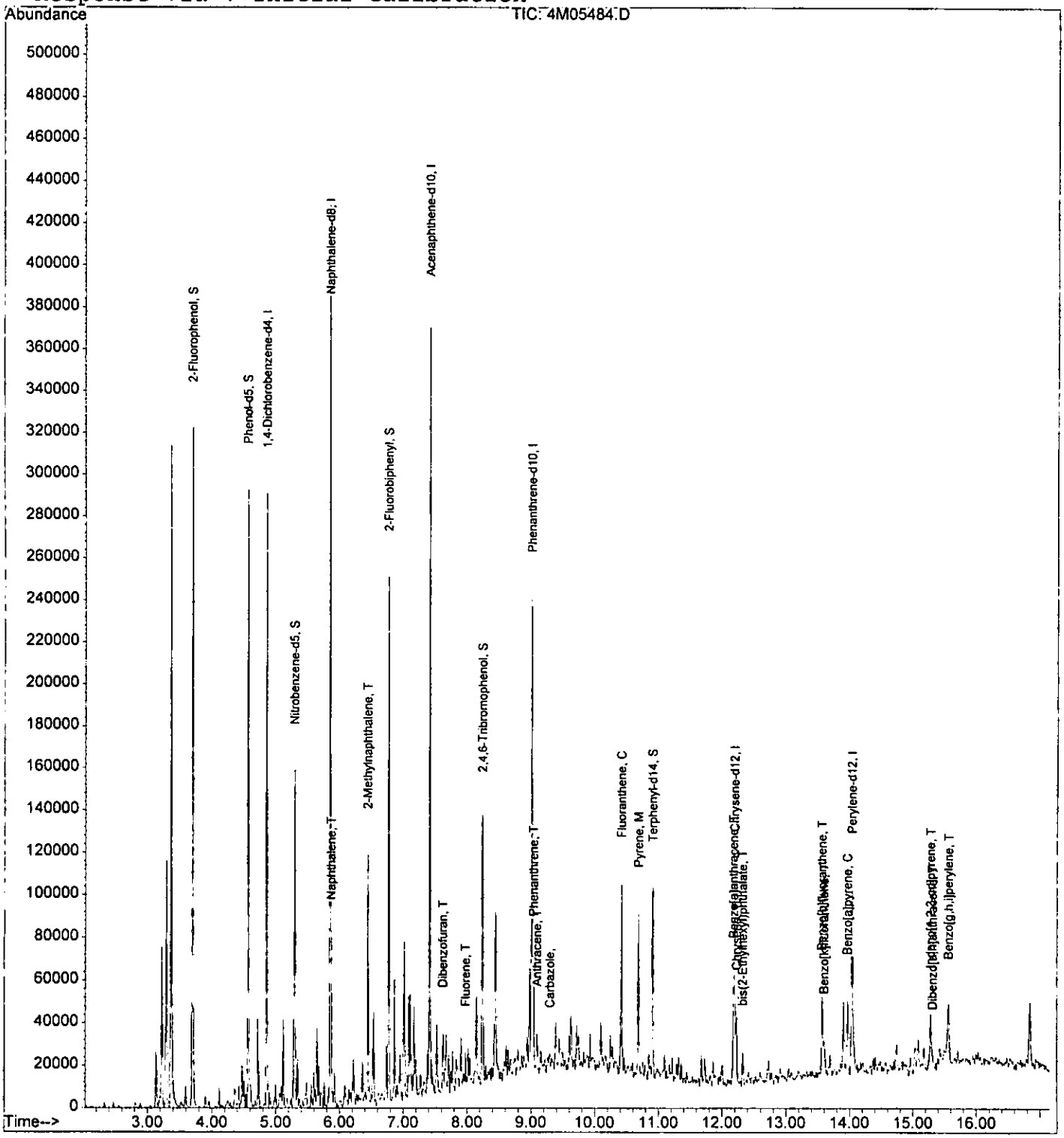
(#) = qualifier out of range (m) = manual integration

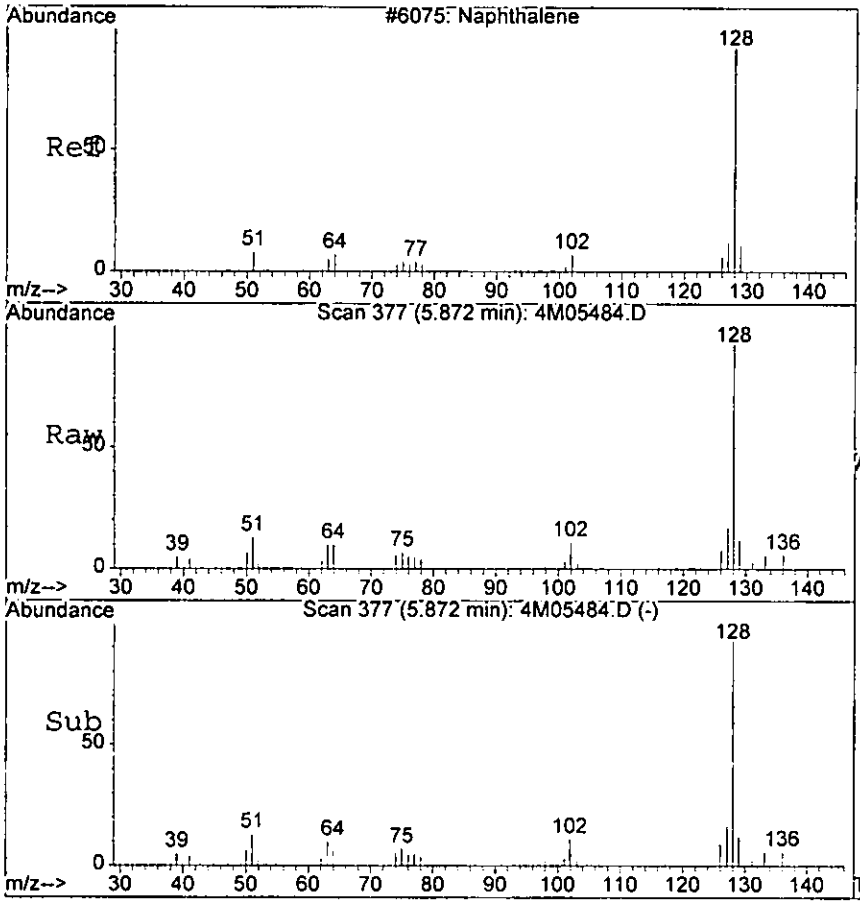
8/16

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05484.D Vial: 8
Acq On : 10 Aug 2005 8:57 Operator: AHD
Sample : AC18873-001(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:29 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

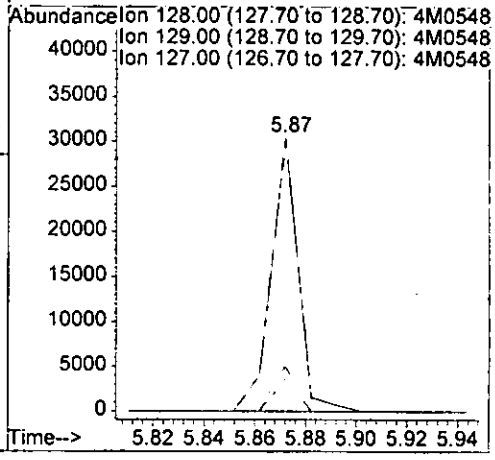




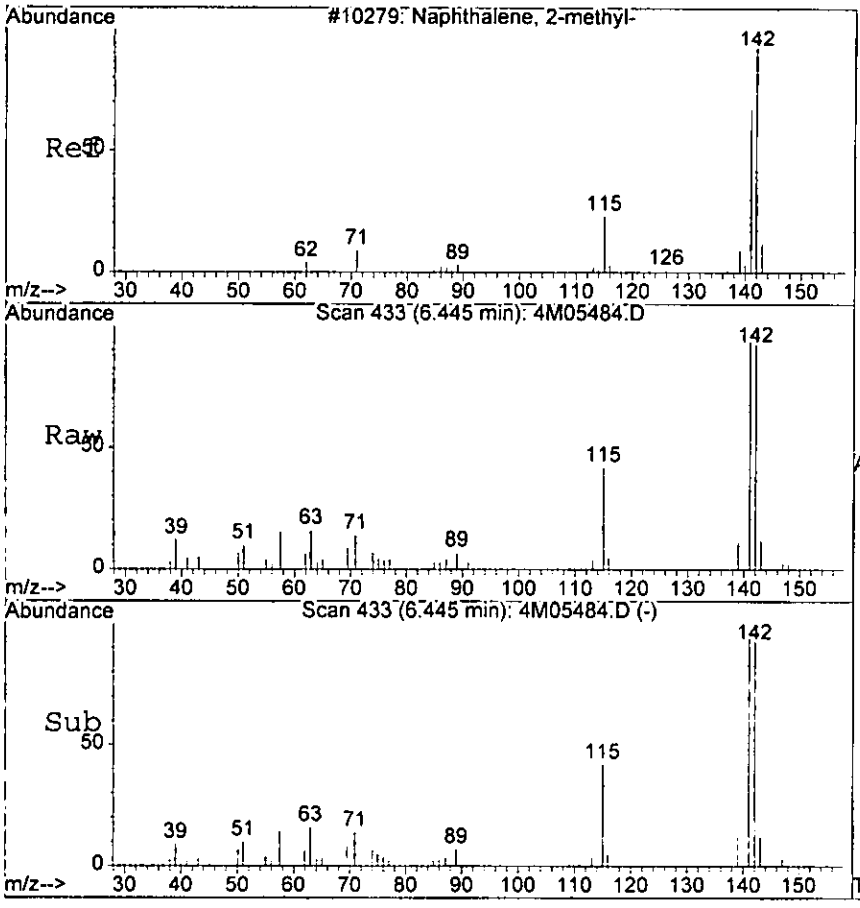
#29
Naphthalene
Concen: 7.44 ng
RT: 5.87 min Scan# 377
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:128 Resp: 22396

Ion	Ratio	Lower	Upper
128	100		
129	12.2	0.0	51.8
127	16.5	0.0	57.0



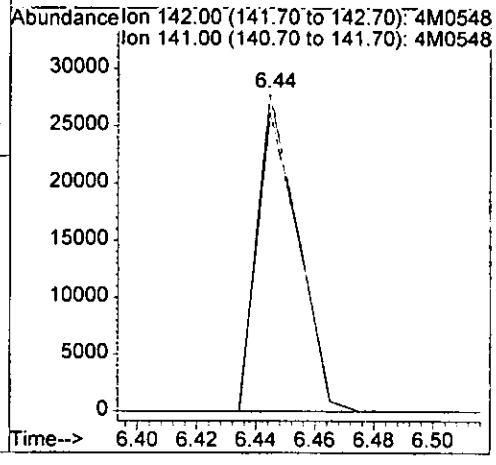
0437

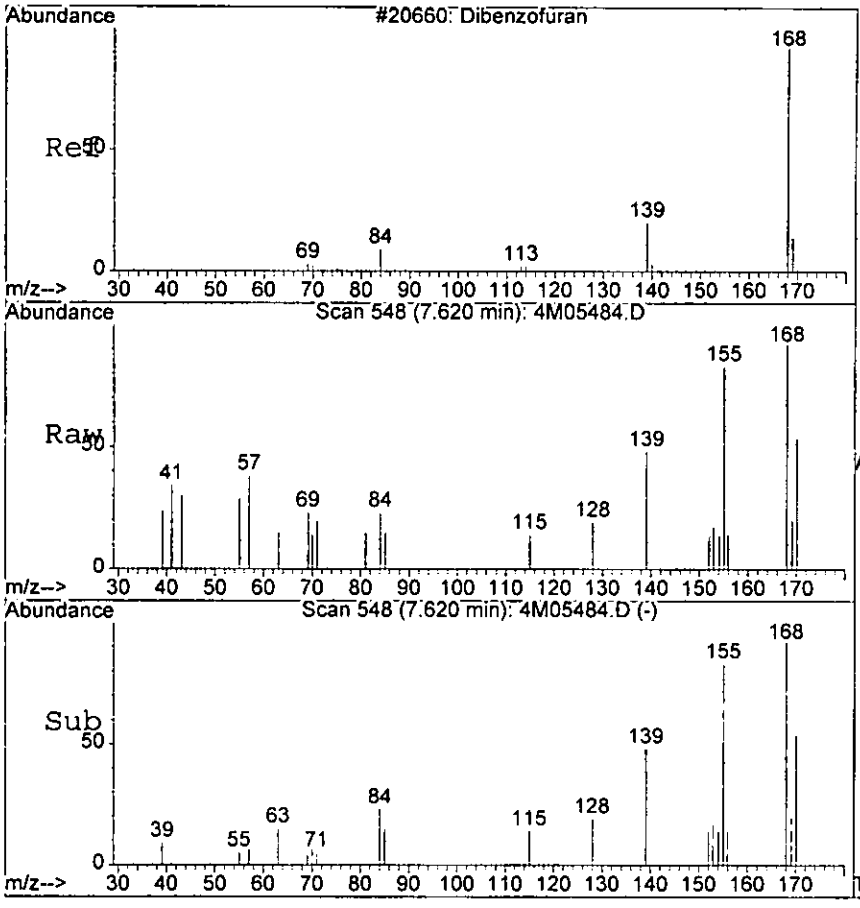


#33
2-Methylnaphthalene
Concen: 13.81 ng
RT: 6.44 min Scan# 433
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:142 Resp: 26717

Ion	Ratio	Lower	Upper
142	100		
141	94.2	55.7	135.7



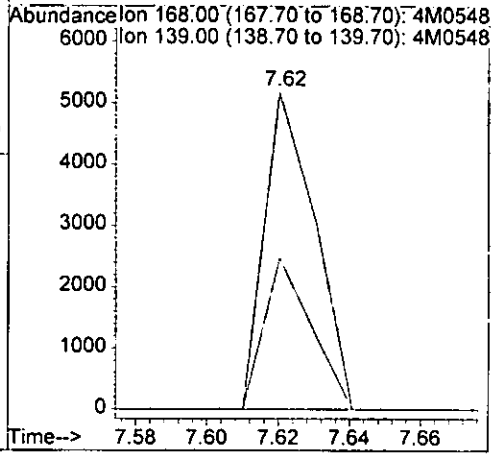


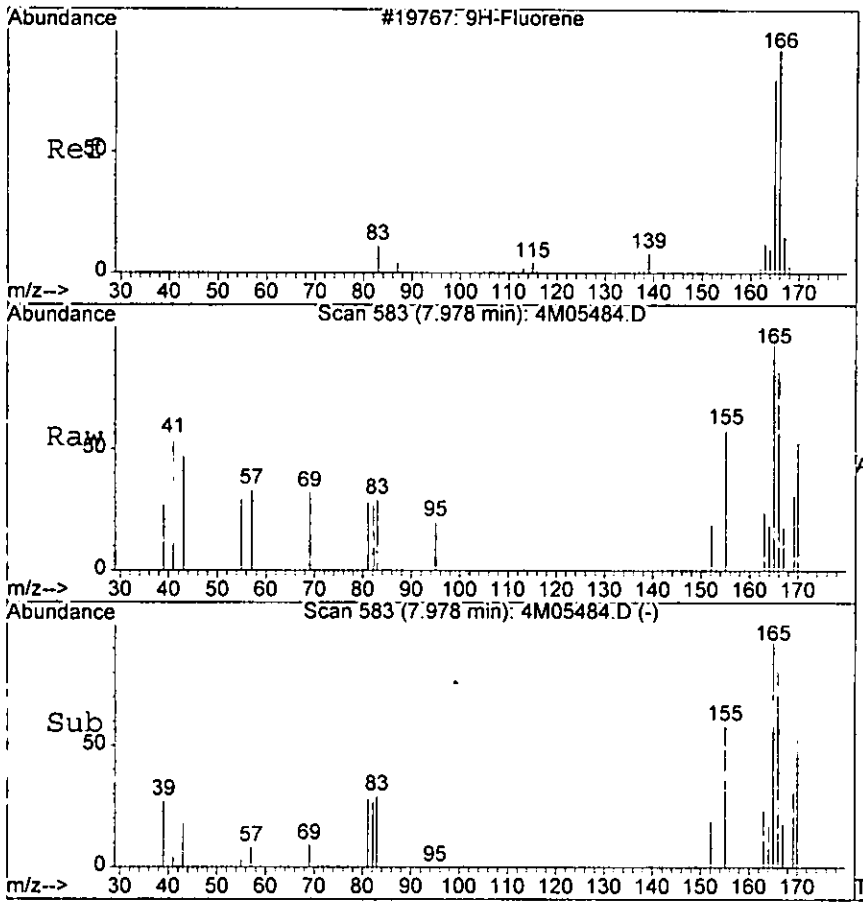
#52
Dibenzofuran
Concen: 2.53 ng
RT: 7.62 min Scan# 548
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

B4364

Tgt Ion:168 Resp: 5045

Ion	Ratio	Lower	Upper
168	100		
139	47.8	6.0	66.0

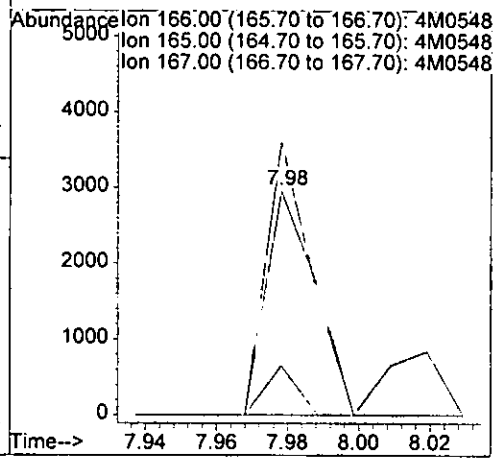


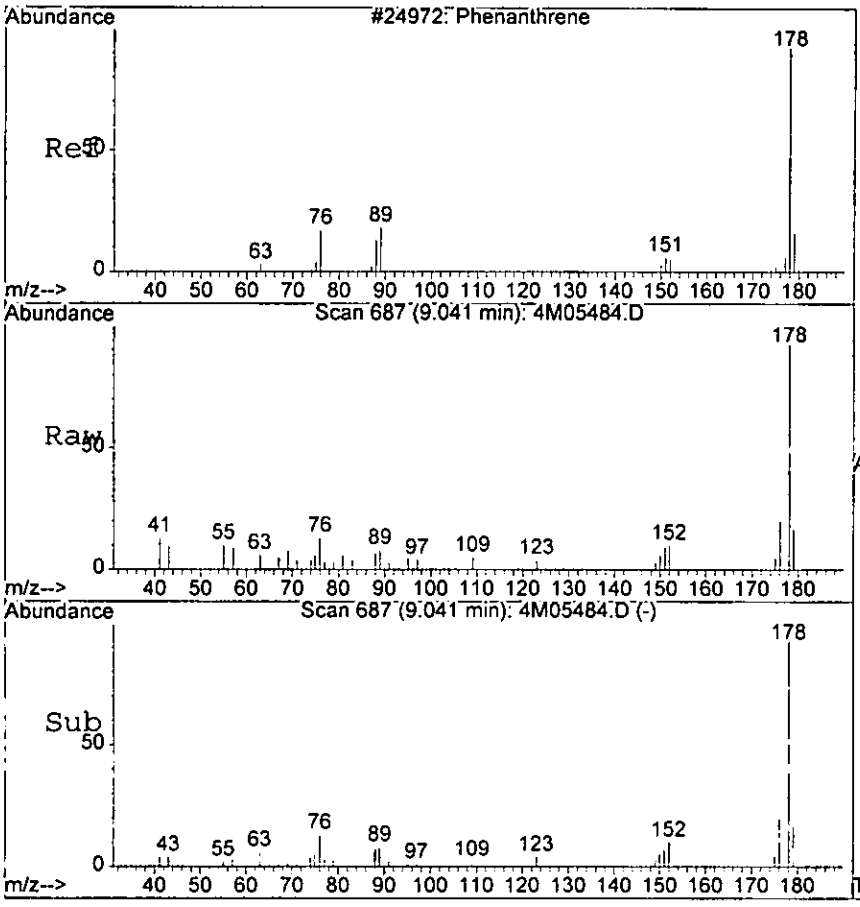


#55
Fluorene
Concen: 1.87 ng
RT: 7.98 min Scan# 583
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:166 Resp: 2854

Ion	Ratio	Lower	Upper
166	100		
165	121.9	63.3	143.3
167	22.1	0.0	54.6

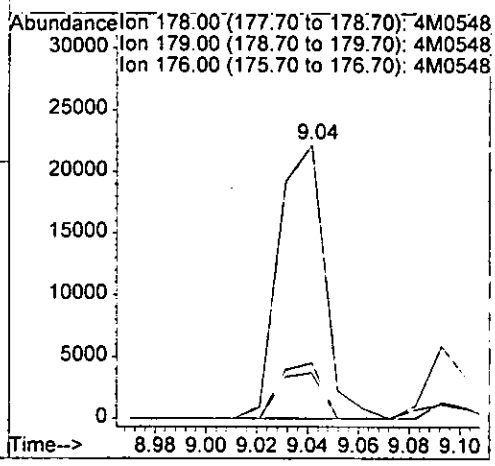


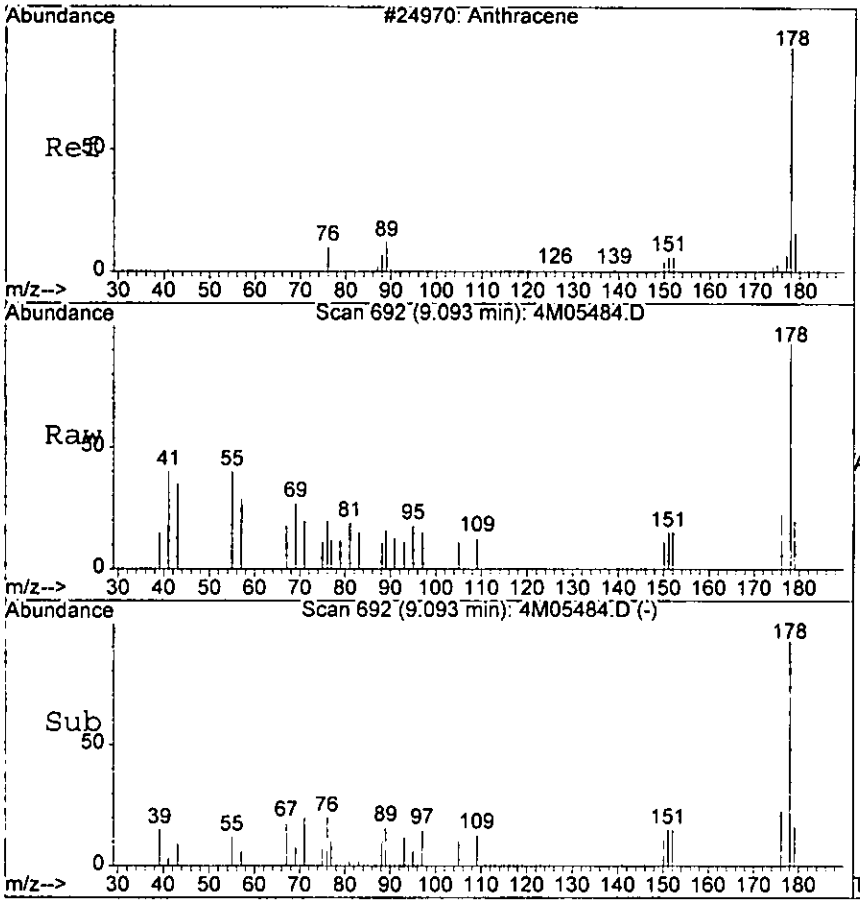


#67
Phenanthrene
Concen: 15.18 ng
RT: 9.04 min Scan# 687
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:178 Resp: 27832

Ion	Ratio	Lower	Upper
178	100		
179	16.7	0.0	56.6
176	20.2	0.0	60.5

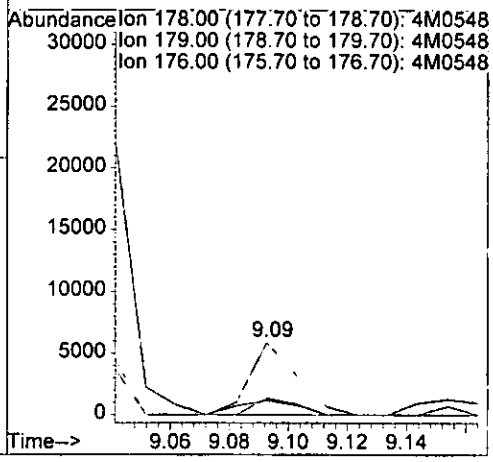


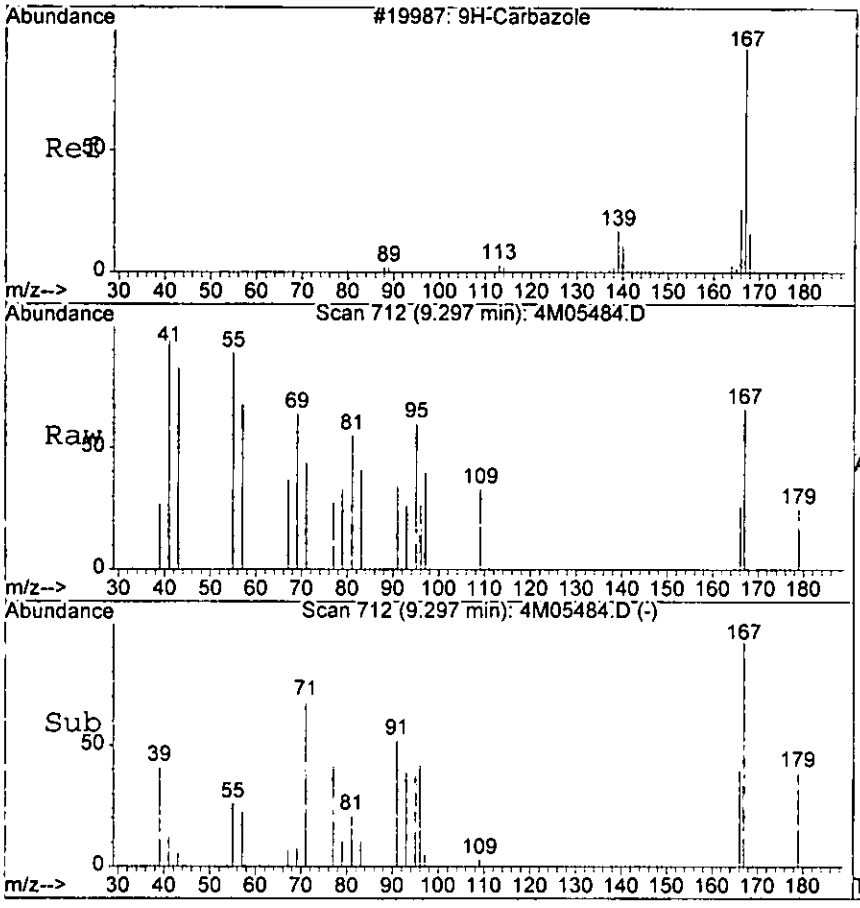


#68
Anthracene
Concen: 3.60 ng
RT: 9.09 min Scan# 692
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:178 Resp: 6580

Ion	Ratio	Lower	Upper
178	100		
179	19.8	0.0	56.6
176	22.9	0.0	60.2

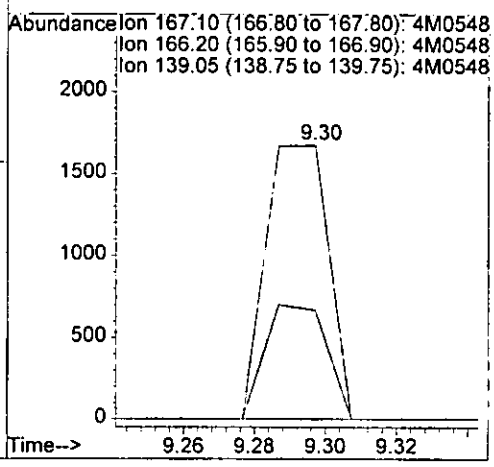


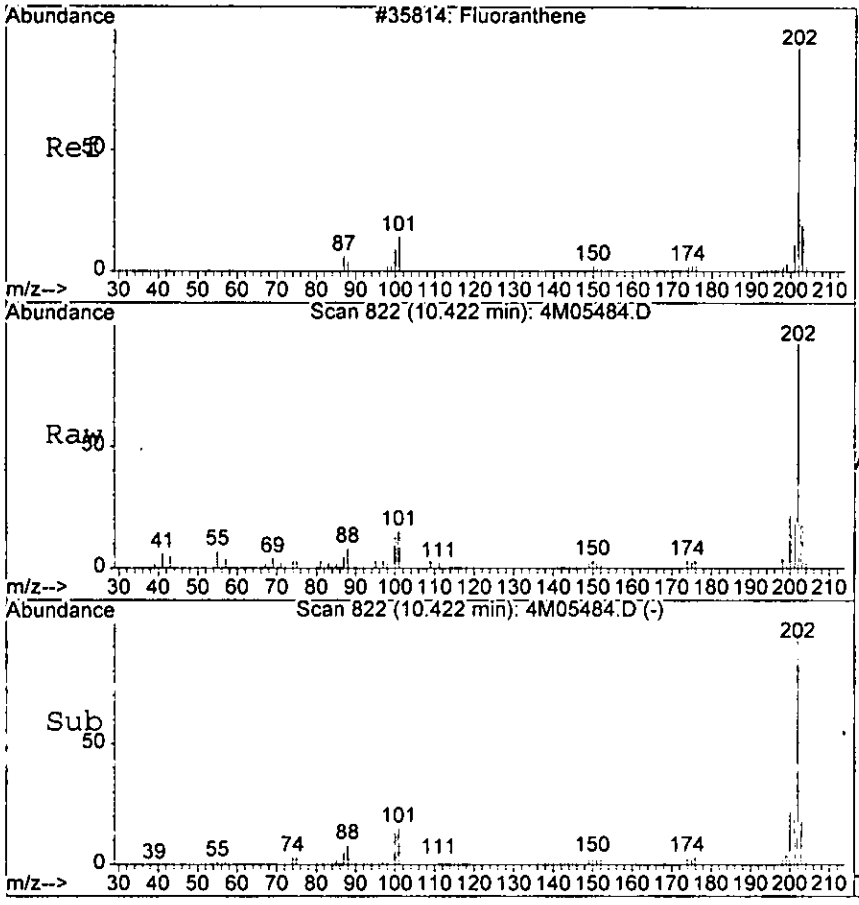


#69
Carbazole
Concen: 1.33 ng
RT: 9.30 min Scan# 712
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:167 Resp: 2049

Ion	Ratio	Lower	Upper
167	100		
166	40.0	4.9	44.9
139	0.0	0.0	33.9

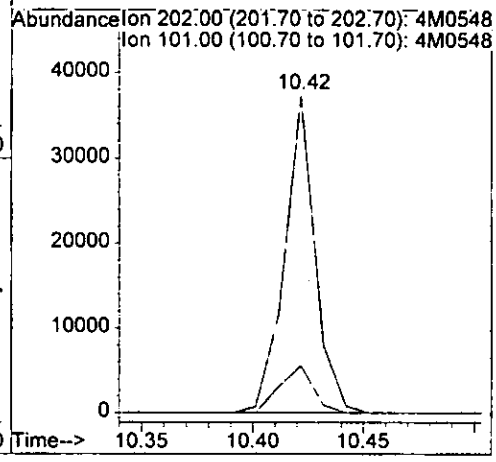




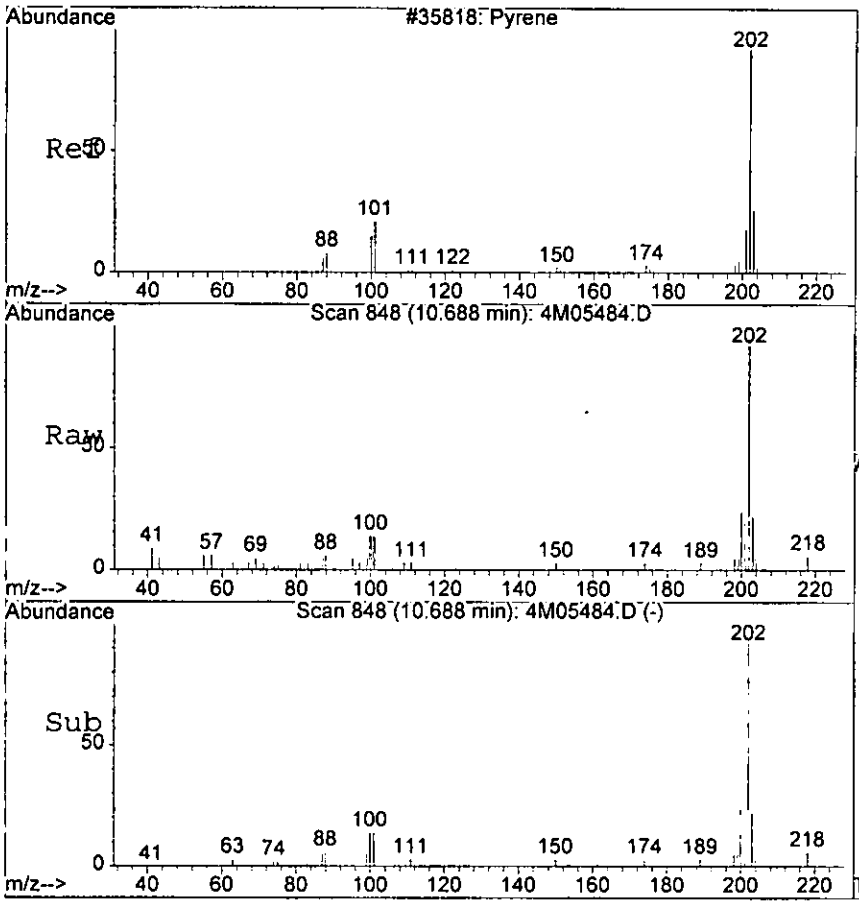
#71
Fluoranthene
Concen: 22.11 ng
RT: 10.42 min Scan# 822
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:202 Resp: 35703

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	58.3



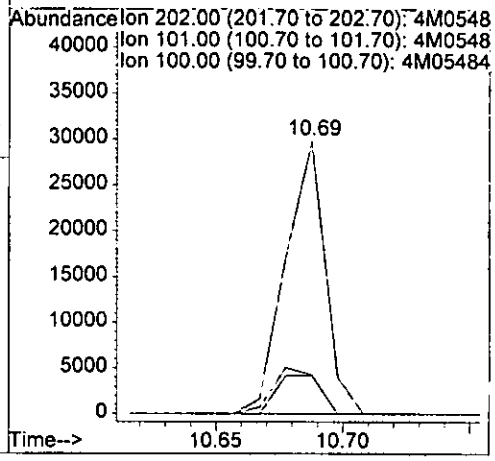
0472



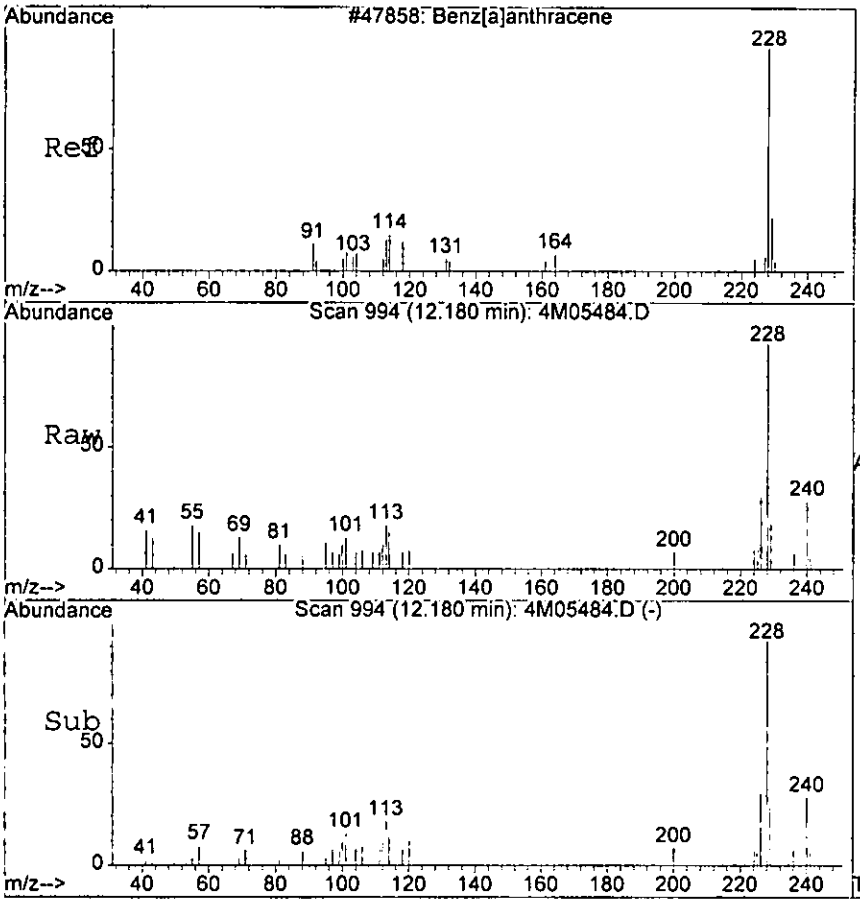
#73
Pyrene
Concen: 18.92 ng
RT: 10.69 min Scan# 848
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:202 Resp: 32236

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	62.7
100	14.0	0.0	60.5



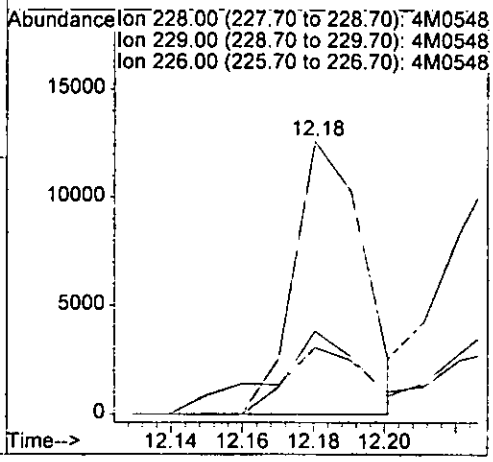
8/16/06



#78
Benzo[a]anthracene
Concen: 12.55 ng
RT: 12.18 min Scan# 994
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

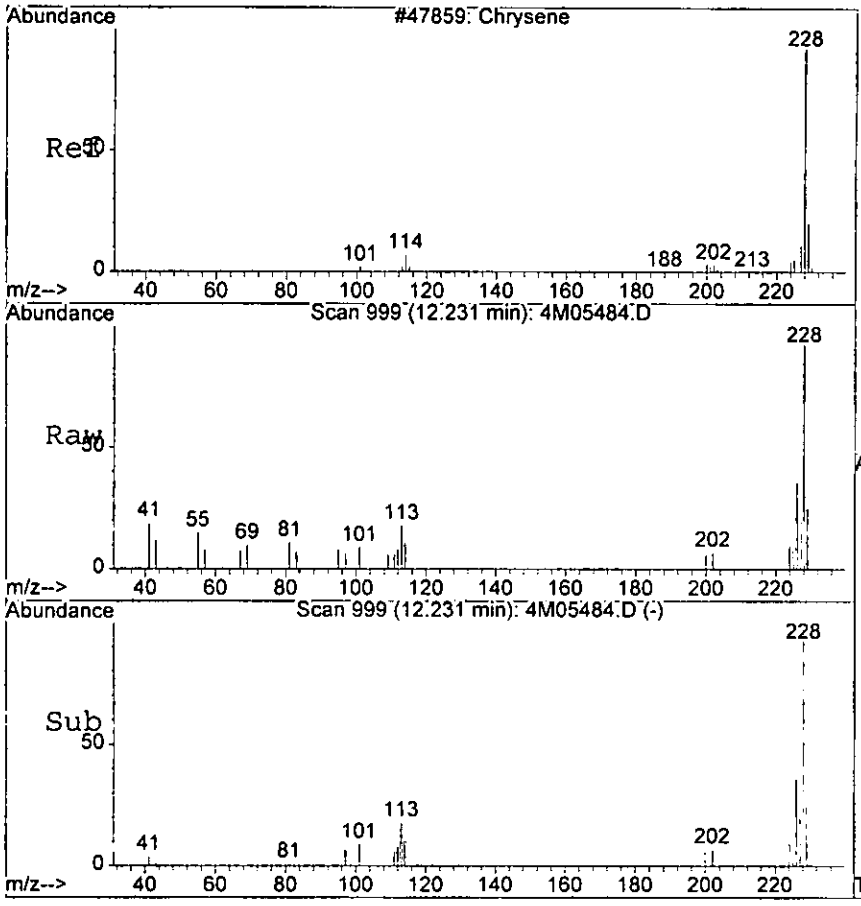
Tgt Ion:228 Resp: 17177

Ion	Ratio	Lower	Upper
228	100		
229	17.7	0.0	60.5
226	30.4	0.0	69.0



0415

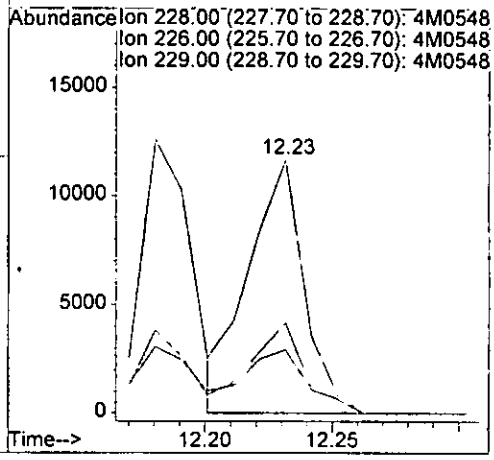
2805

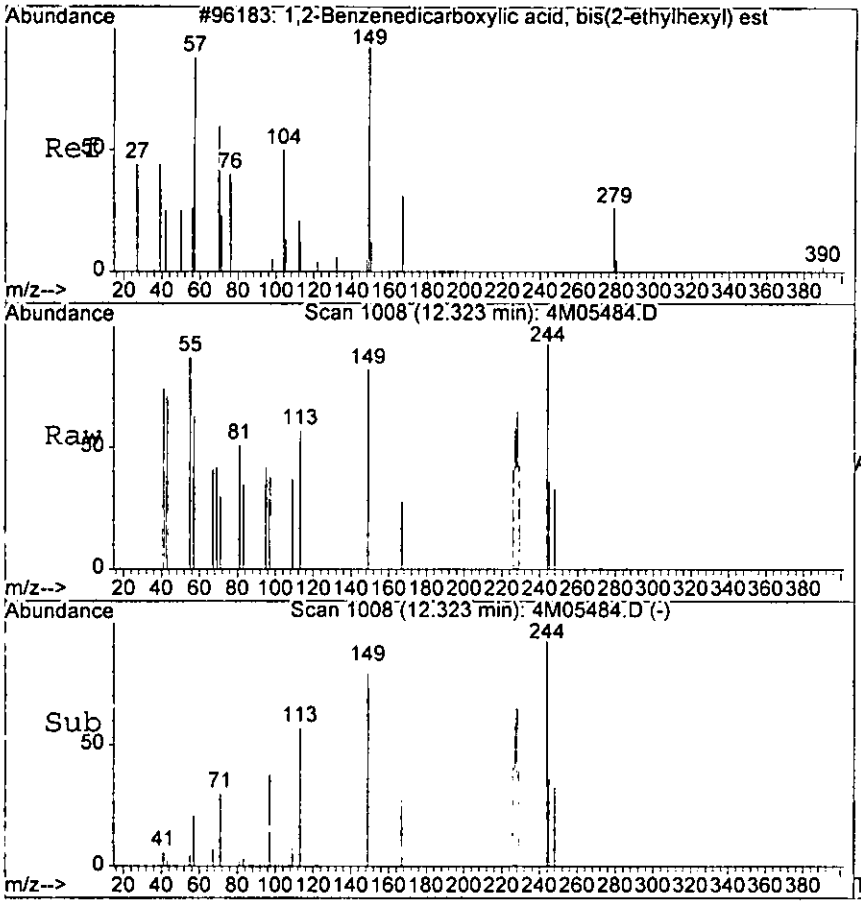


#79
Chrysene
Concen: 14.52 ng
RT: 12.23 min Scan# 999
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:228 Resp: 17615

Ion	Ratio	Lower	Upper
228	100		
226	35.7	12.0	52.0
229	25.1	0.0	61.1

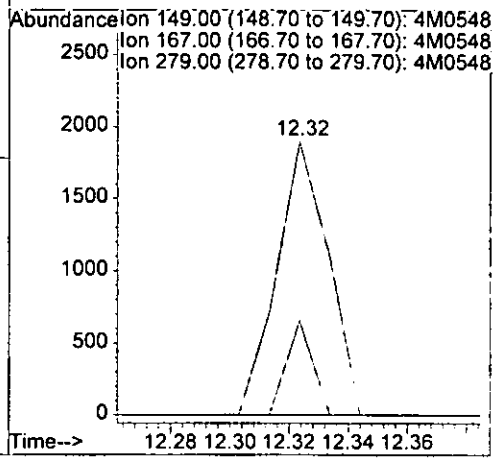


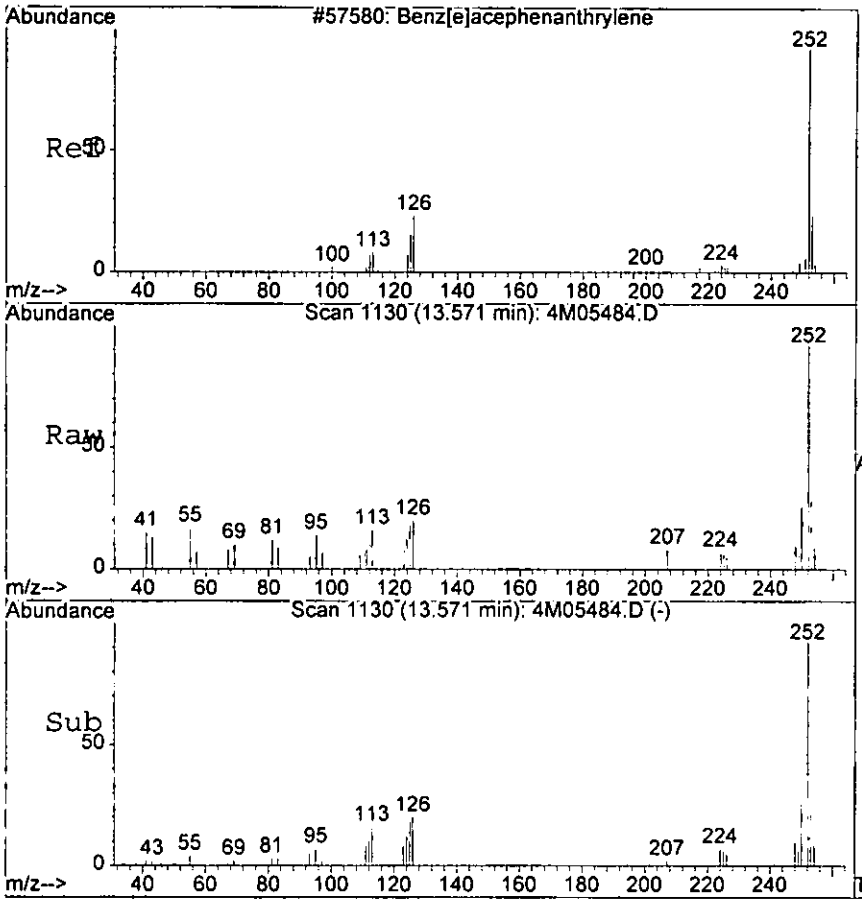


#80
bis(2-Ethylhexyl)phthalate
Concen: 1.69 ng
RT: 12.32 min Scan# 1008
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:149 Resp: 2275

Ion	Ratio	Lower	Upper
149	100		
167	34.7	0.0	53.9
279	0.0	0.0	43.5

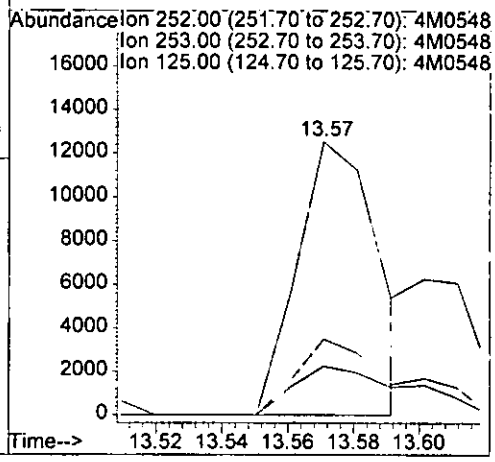




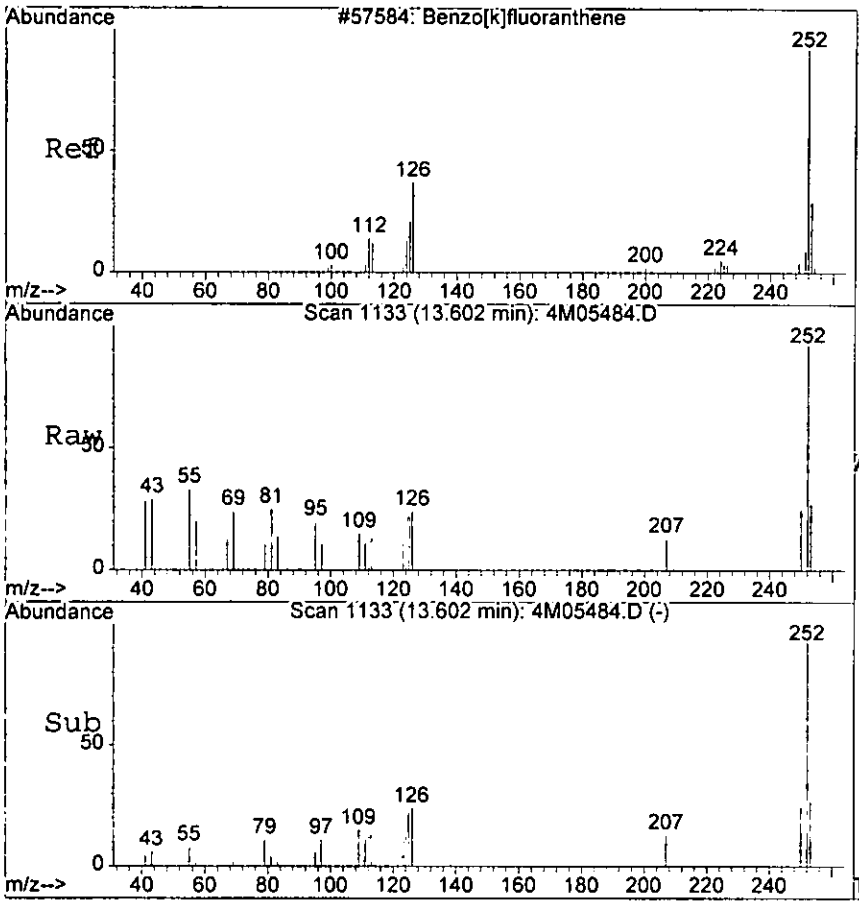
#83
Benzo[b]fluoranthene
Concen: 15.33 ng m
RT: 13.57 min Scan# 1130
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:252 Resp: 21286

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	63.3
125	18.0	0.0	57.6



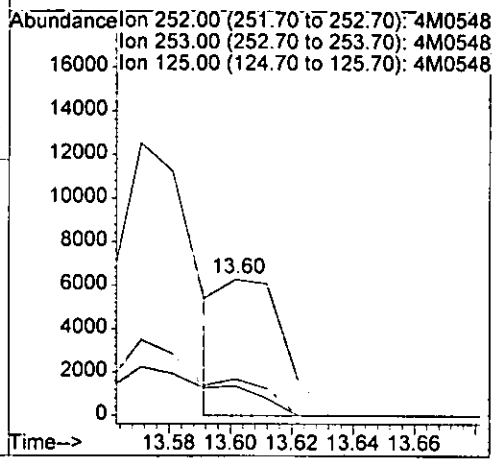
Lgl05

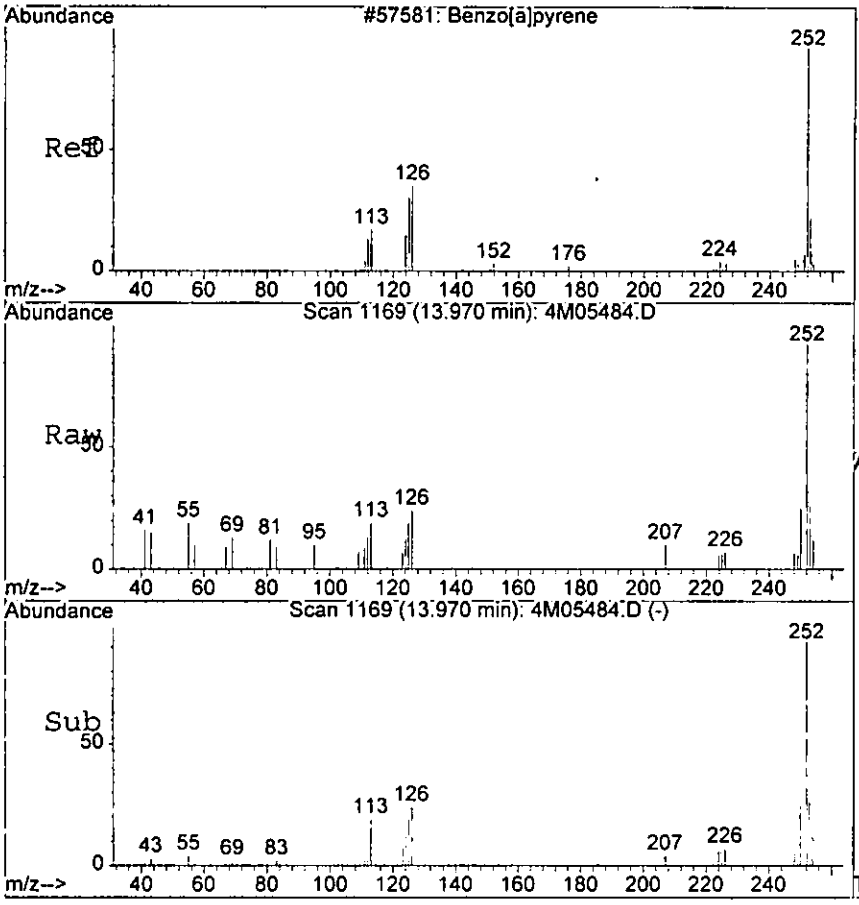


#84
Benzo[k]fluoranthene
Concen: 6.77 ng m
RT: 13.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:252 Resp: 8593

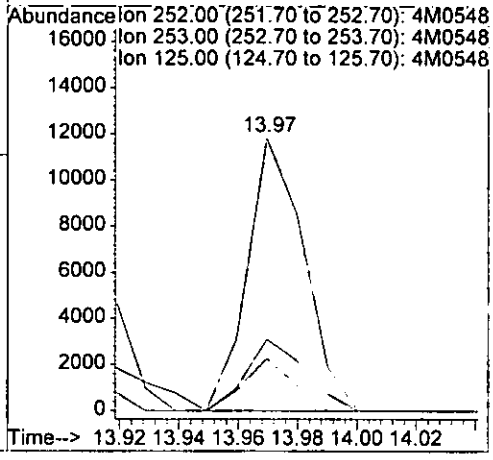
Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	63.5
125	21.9	0.0	53.8

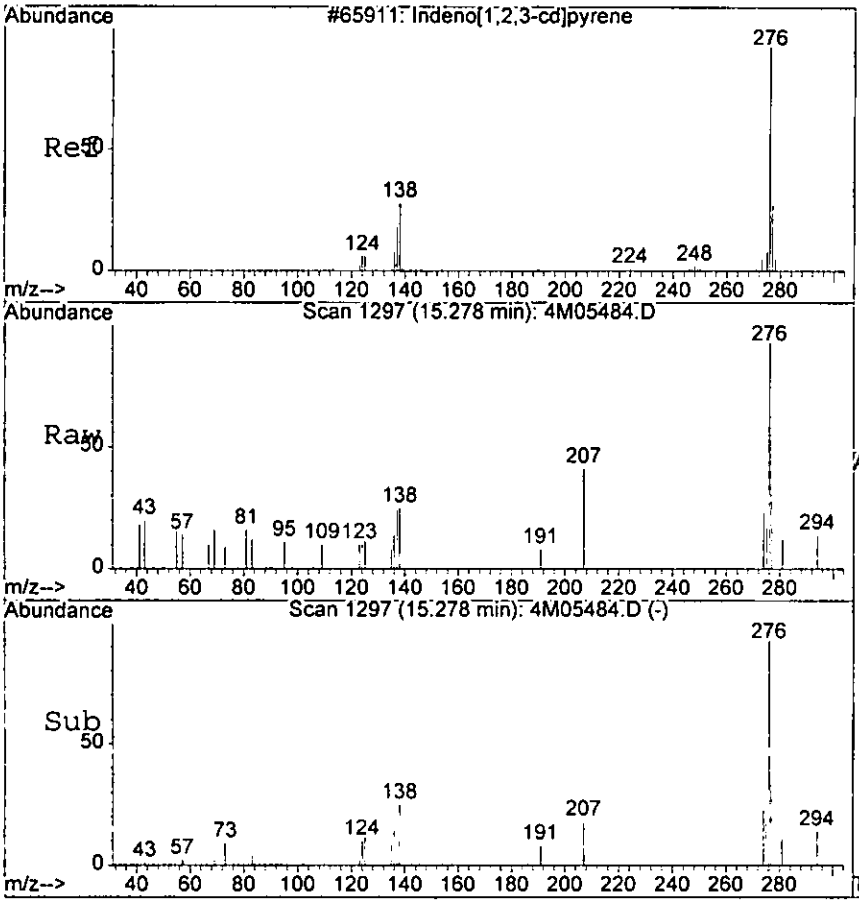




#85
Benzo[a]pyrene
Concen: 12.71 ng
RT: 13.97 min Scan# 1169
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

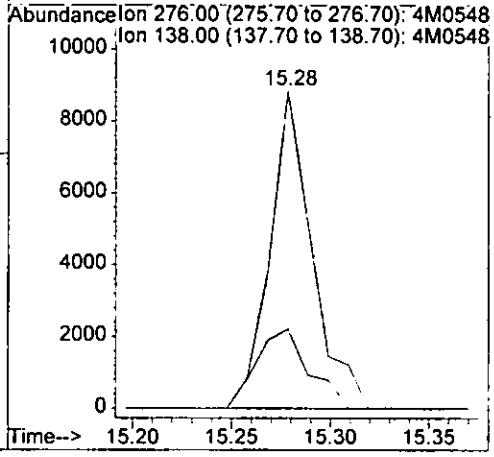
Tgt Ion:252	Resp:	15530	
Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	62.9
125	19.1	0.0	57.6

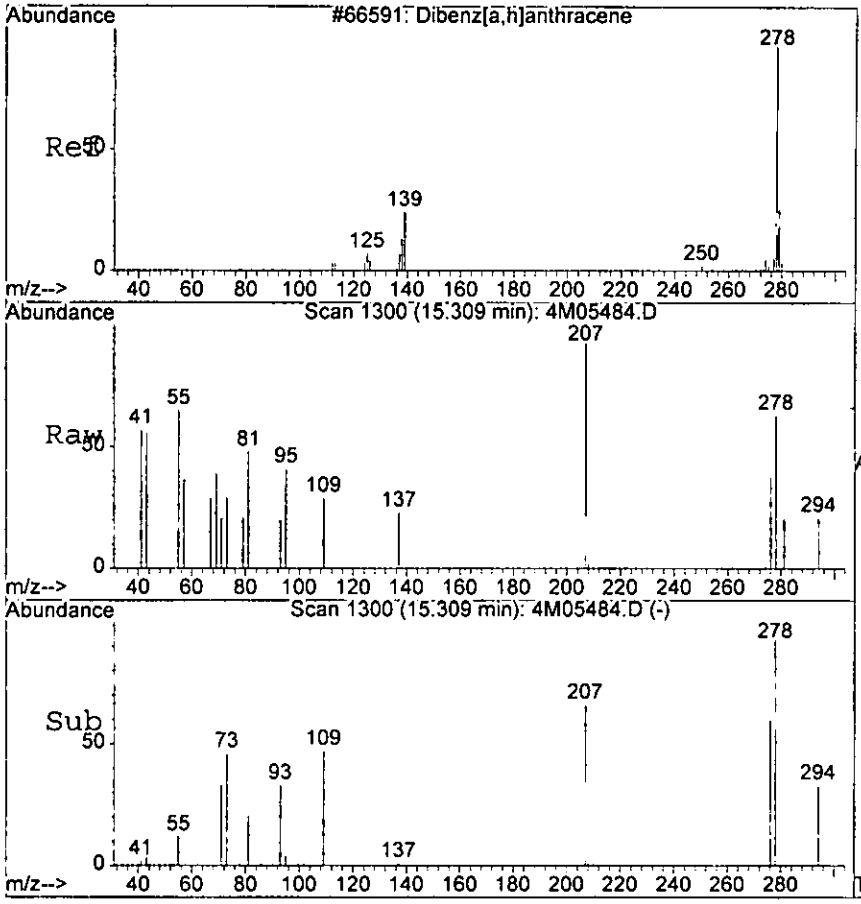




#86
Indeno[1,2,3-cd]pyrene
Concen: 9.47 ng
RT: 15.28 min Scan# 1297
Delta R.T. -0.01 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:276	Resp:	13050	
Ion	Ratio	Lower	Upper
276	100		
138	24.9	0.0	73.4

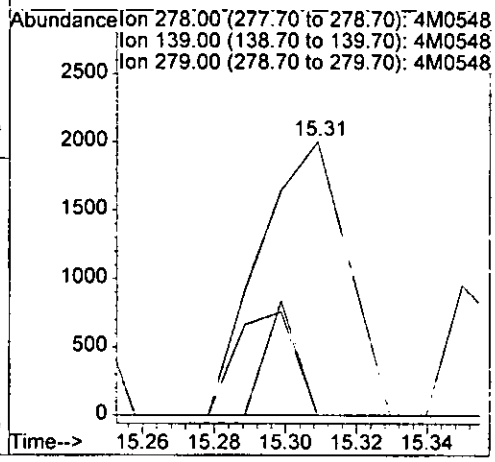




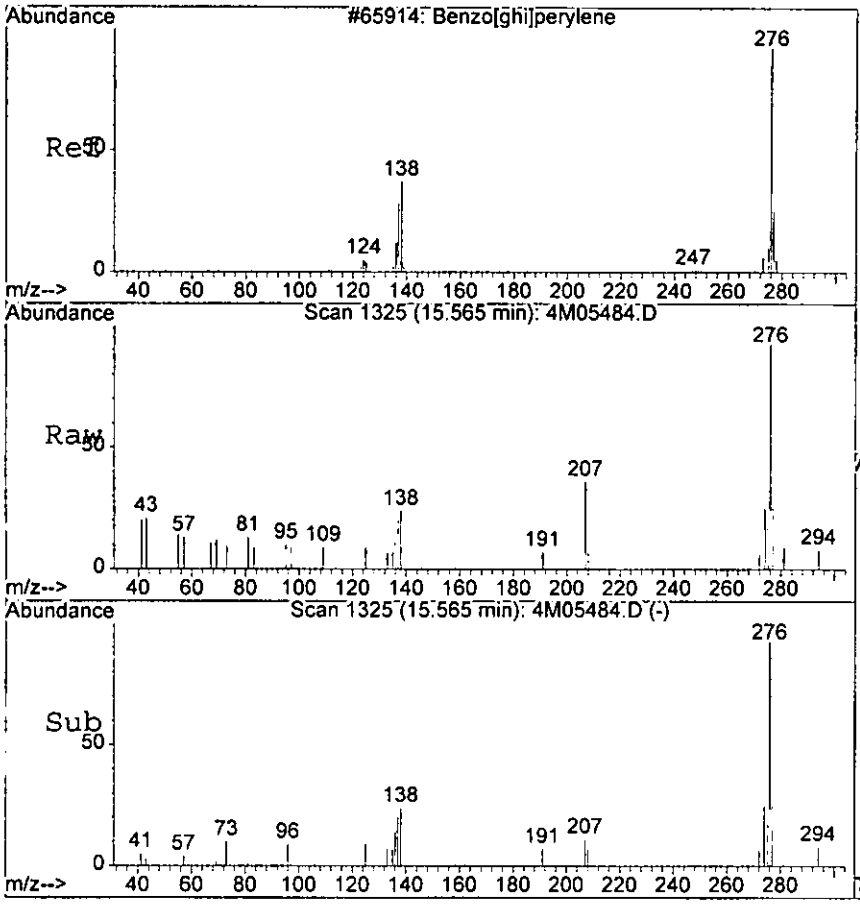
#87
Dibenzo[a,h]anthracene
Concen: 3.10 ng
RT: 15.31 min Scan# 1300
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:278 Resp: 3407

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	63.8
279	0.0	0.0	64.0



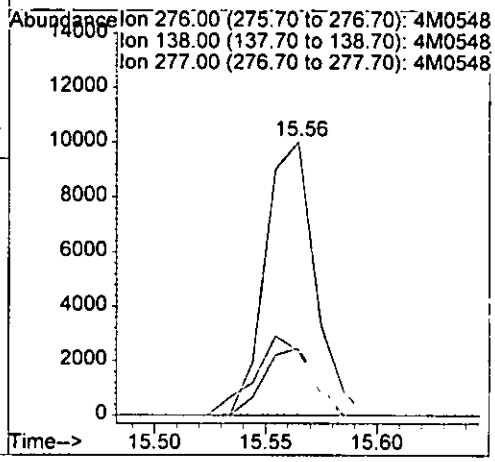
8/16



#88
Benzo[g,h,i]perylene
Concen: 13.36 ng
RT: 15.56 min Scan# 1325
Delta R.T. 0.00 min
Lab File: 4M05484.D
Acq: 10 Aug 2005 8:57

Tgt Ion:276 Resp: 15420

Ion	Ratio	Lower	Upper
276	100		
138	23.9	0.0	74.1
277	24.7	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-002(3X)
Client Id: PCSB-53(3.5')
Data File: 4M05485.D
Analysis Date: 08/10/05 09:21
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 89

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.030	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.034**	**0.45**
95-50-1	1,2-Dichlorobenzene	0.051	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.021**	**0.44**
122-66-7	1,2-Diphenylhydrazine	0.032	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.037**	**0.14**
541-73-1	1,3-Dichlorobenzene	0.047	U	111-91-1	bis(2-Chloroethoxy)methan	0.026	U
106-46-7	1,4-Dichlorobenzene	0.057	U	111-44-4	bis(2-Chloroethyl)ether	0.059	U
95-95-4	2,4,5-Trichlorophenol	1.5	U	108-60-1	bis(2-chloroisopropyl)ether	0.037	U
88-06-2	2,4,6-Trichlorophenol	2.7	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.10	U
120-83-2	2,4-Dichlorophenol	0.18	U	85-68-7	Butylbenzylphthalate	0.045	U
105-67-9	2,4-Dimethylphenol	0.16	U	86-74-8	Carbazole	0.033	U
51-28-5	2,4-Dinitrophenol	0.76	U	**218-01-9**	**Chrysene**	**0.023**	**0.93**
121-14-2	2,4-Dinitrotoluene	0.042	U	84-74-2	Di-n-butylphthalate	0.025	U
606-20-2	2,6-Dinitrotoluene	0.046	U	117-84-0	Di-n-octylphthalate	0.027	U
91-58-7	2-Chloronaphthalene	0.031	U	53-70-3	Dibenzo[a,h]anthracene	0.039	U
95-57-8	2-Chlorophenol	0.23	U	132-64-9	Dibenzofuran	0.14	U
91-57-6	**2-Methylnaphthalene**	**0.14**	**1.8**	84-66-2	Diethylphthalate	0.031	U
95-48-7	2-Methylphenol	0.53	U	131-11-3	Dimethylphthalate	0.025	U
88-74-4	2-Nitroaniline	0.079	U	**206-44-0**	**Fluoranthene**	**0.032**	**0.69**
88-75-5	2-Nitrophenol	0.13	U	**86-73-7**	**Fluorene**	**0.028**	**2.7**
106-44-5	3&4-Methylphenol	0.60	U	118-74-1	Hexachlorobenzene	0.052	U
91-94-1	3,3'-Dichlorobenzidine	0.25	U	87-68-3	Hexachlorobutadiene	0.048	U
99-09-2	3-Nitroaniline	0.47	U	77-47-4	Hexachlorocyclopentadiene	0.30	U
534-52-1	4,6-Dinitro-2-methylphenol	0.21	U	67-72-1	Hexachloroethane	0.084	U
101-55-3	4-Bromophenyl-phenylether	0.043	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.015**	**0.21**
59-50-7	4-Chloro-3-methylphenol	0.29	U	78-59-1	Isophorone	0.035	U
106-47-8	4-Chloroaniline	0.87	U	621-64-7	N-Nitroso-di-n-propylamine	0.054	U
7005-72-3	4-Chlorophenyl-phenylether	0.052	U	62-75-9	N-Nitrosodimethylamine	1.3	U
100-01-6	4-Nitroaniline	0.28	U	86-30-6	n-Nitrosodiphenylamine	0.054	U
100-02-7	4-Nitrophenol	0.20	U	**91-20-3**	**Naphthalene**	**0.026**	**2.2**
83-32-9	Acenaphthene	0.047	U	98-95-3	Nitrobenzene	0.045	U
208-96-8	Acenaphthylene	0.026	U	87-86-5	Pentachlorophenol	0.14	U
120-12-7	**Anthracene**	**0.029**	**1.2**	**85-01-8**	**Phenanthrene**	**0.026**	**3.0**
92-87-5	Benzidine	0.25	U	108-95-2	Phenol	0.17	U
56-55-3	**Benzo[a]anthracene**	**0.020**	**0.53**	**129-00-0**	**Pyrene**	**0.026**	**1.8**
50-32-8	**Benzo[a]pyrene**	**0.026**	**0.57**				

Worksheet #: 18319

Total Target Concentration 16.66

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05485.D Vial: 19
Acq On : 10 Aug 2005 9:21 Operator: AHD
Sample : AC18873-002(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:31 2005 Quant Results File: 4M_0809.RES

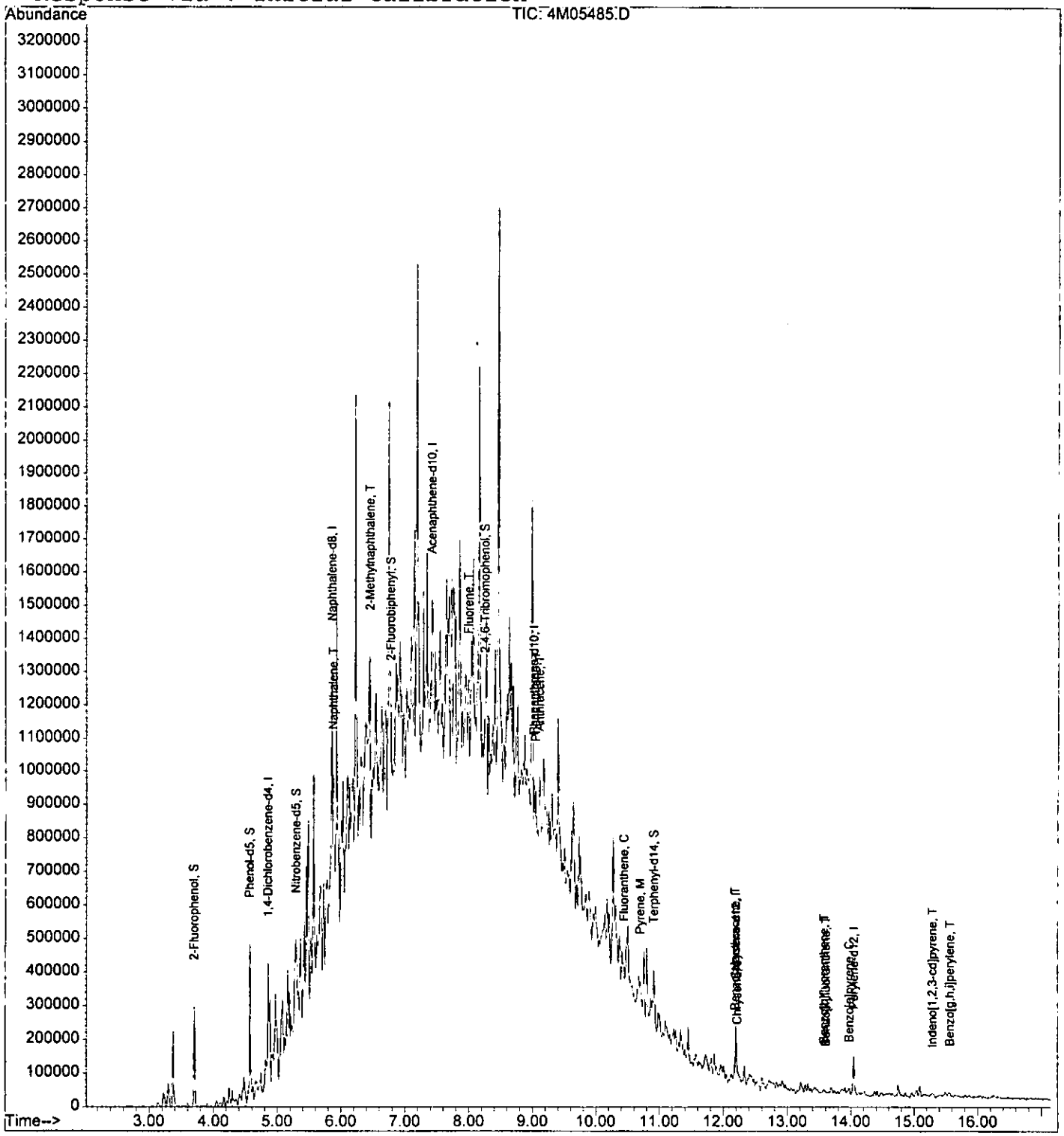
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

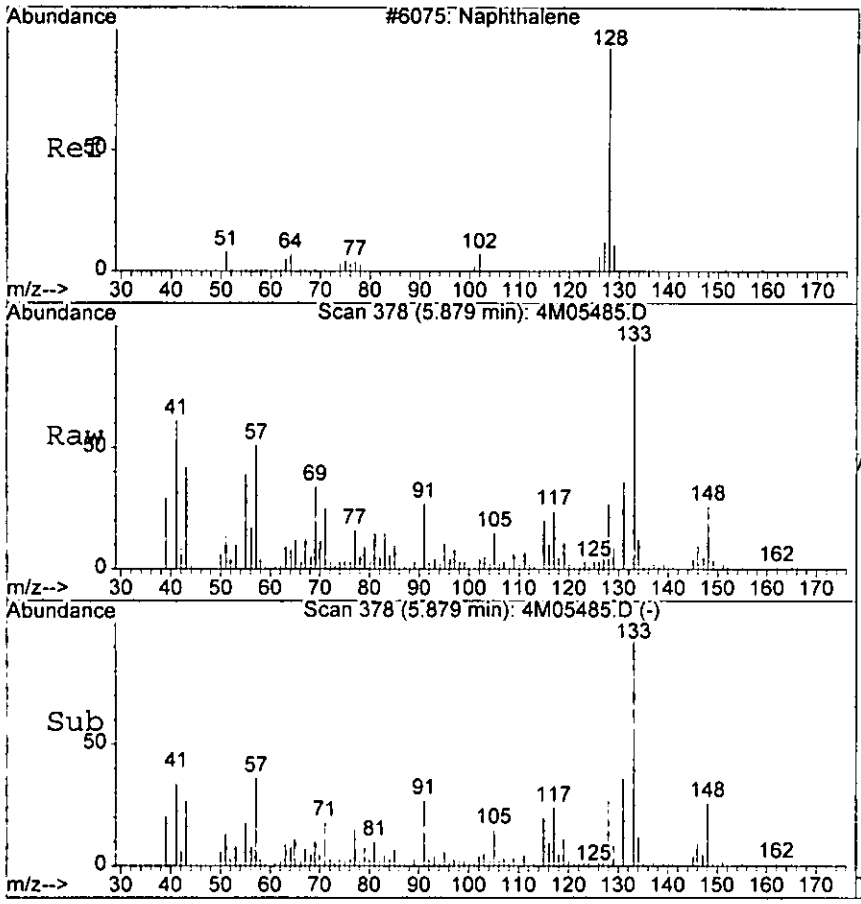
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	40086	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	104915	40.00	ng	0.00
35) Acenaphthene-d10	7.42	164	45989	40.00	ng	0.00
59) Phenanthrene-d10	9.02	188	70922	40.00	ng	0.00
72) Chrysene-d12	12.20	240	53884	40.00	ng	0.00
81) Perylene-d12	14.05	264	43979	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.70	112	73844	66.25	ng	-0.01
Spiked Amount 200.000			Recovery = 33.13%			
7) Phenol-d5	4.57	99	95931	68.54	ng	-0.01
Spiked Amount 200.000			Recovery = 34.27%			
20) Nitrobenzene-d5	5.30	128	16957	33.43	ng	0.00
Spiked Amount 100.000			Recovery = 33.43%			
40) 2-Fluorobiphenyl	6.78	172	52746	33.54	ng	0.00
Spiked Amount 100.000			Recovery = 33.54%			
62) 2,4,6-Tribromophenol	8.25	332	23382	65.48	ng	0.00
Spiked Amount 200.000			Recovery = 32.74%			
75) Terphenyl-d14	10.91	244	42503	27.83	ng	0.00
Spiked Amount 100.000			Recovery = 27.83%			
Target Compounds						Qvalue
29) Naphthalene	5.88	128	47832	19.28	ng	70
33) 2-Methylnaphthalene	6.45	142	25256	15.83	ng	98
55) Fluorene	8.00	166	29867	24.21	ng	93
67) Phenanthrene	9.05	178	48999	27.09	ng	98
68) Anthracene	9.11	178	19686m	10.93	ng	
71) Fluoranthene	10.44	202	9748	6.12	ng	86
73) Pyrene	10.70	202	33838	15.70	ng	93
78) Benzo[a]anthracene	12.19	228	8172m	4.72	ng	
79) Chrysene	12.22	228	12651	8.24	ng	90
83) Benzo[b]fluoranthene	13.58	252	6510m	4.00	ng	
84) Benzo[k]fluoranthene	13.61	252	1851m	1.25	ng	
85) Benzo[a]pyrene	13.98	252	7196	5.03	ng	95
86) Indeno[1,2,3-cd]pyrene	15.29	276	2969m	1.84	ng	
88) Benzo[g,h,i]perylene	15.56	276	5289	3.91	ng	86

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05485.D Vial: 19
Acq On : 10 Aug 2005 9:21 Operator: AHD
Sample : AC18873-002(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:31 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

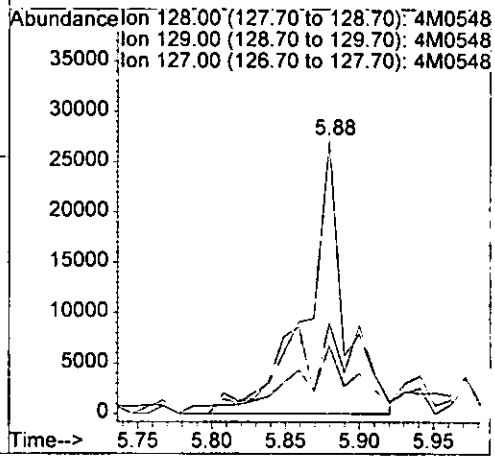




#29
Naphthalene
Concen: 19.28 ng
RT: 5.88 min Scan# 378
Delta R.T. 0.01 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

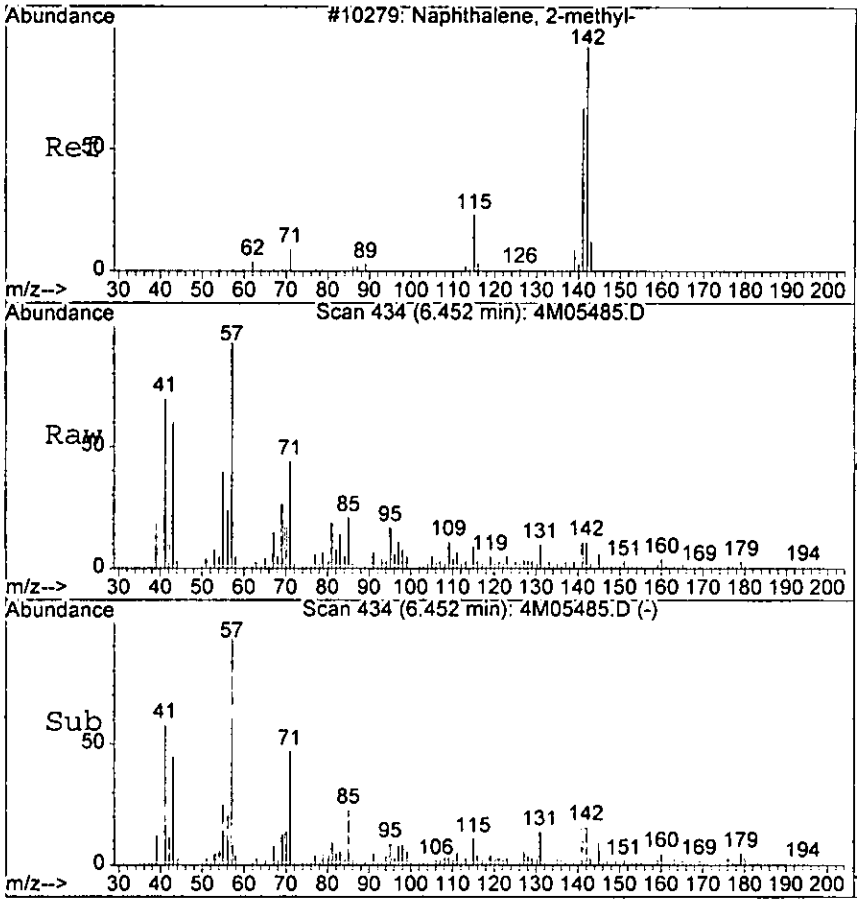
Tgt Ion:128 Resp: 47832

Ion	Ratio	Lower	Upper
128	100		
129	33.2	0.0	51.8
127	22.0	0.0	57.0



8455

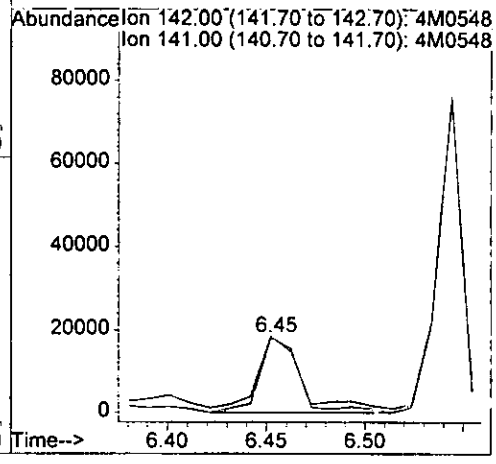
1816



#33
2-Methylnaphthalene
Concen: 15.83 ng
RT: 6.45 min Scan# 434
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

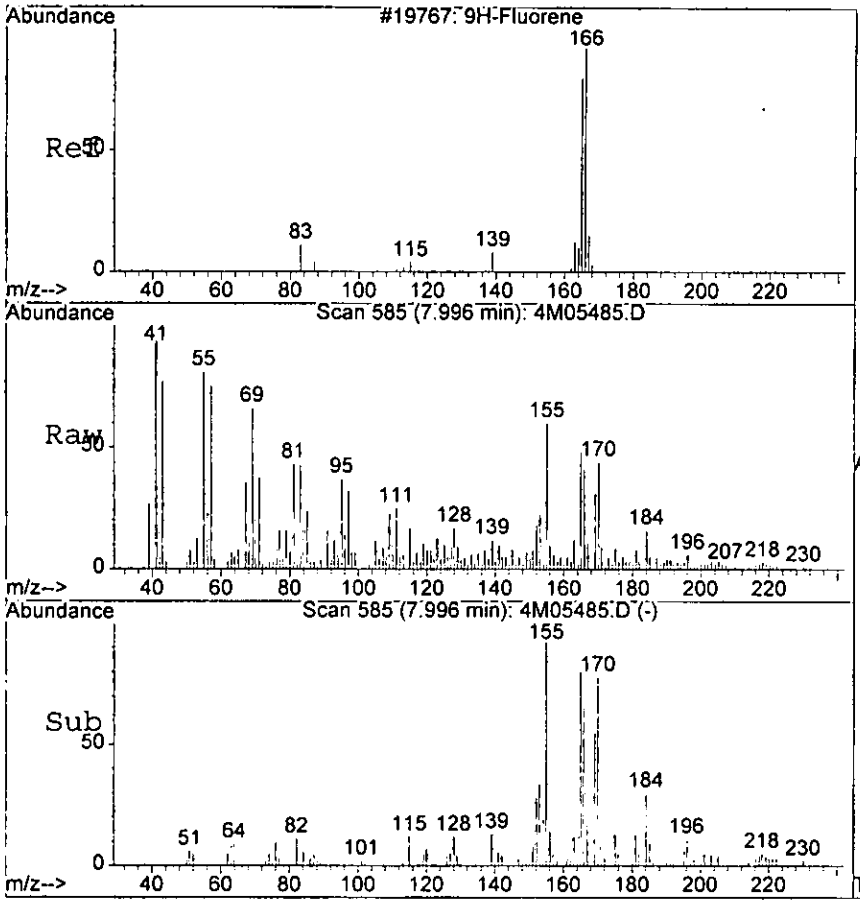
Tgt Ion:142 Resp: 25256

Ion	Ratio	Lower	Upper
142	100		
141	98.1	55.7	135.7



8454

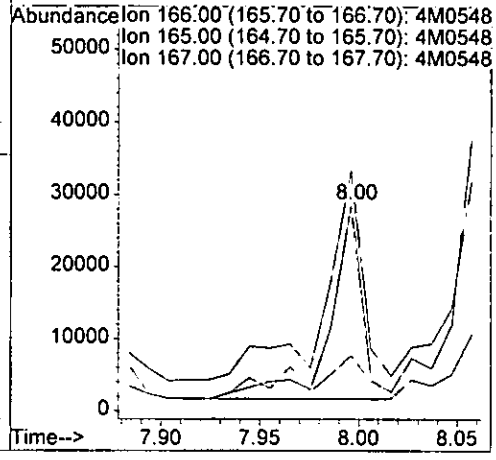
10/05

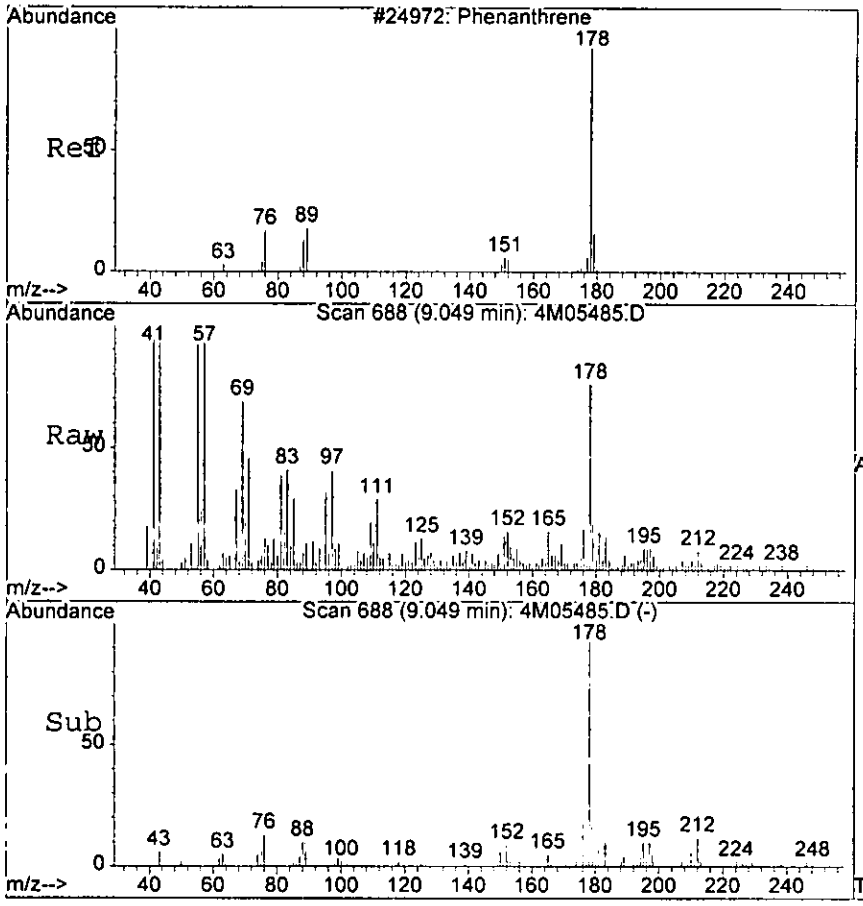


#55
Fluorene
Concen: 24.21 ng
RT: 8.00 min Scan# 585
Delta R.T. 0.01 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:166 Resp: 29867

Ion	Ratio	Lower	Upper
166	100		
165	108.1	63.3	143.3
167	22.4	0.0	54.6

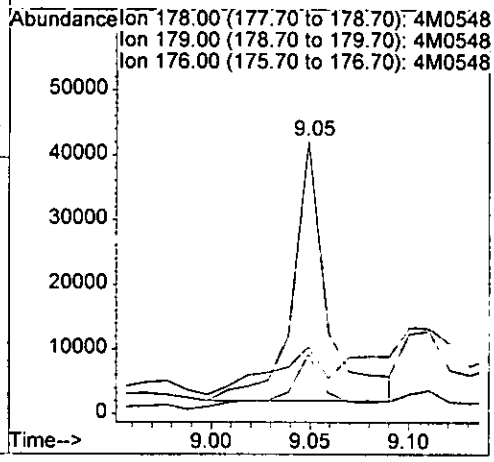


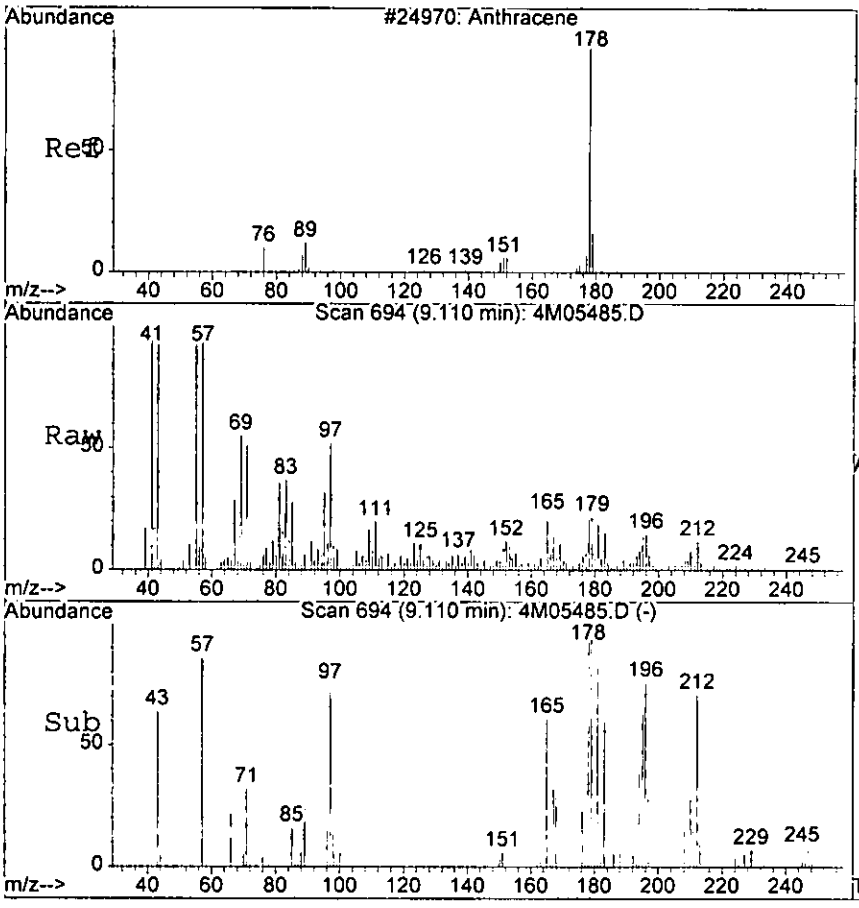


#67
Phenanthrene
Concen: 27.09 ng
RT: 9.05 min Scan# 688
Delta R.T. 0.01 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:178 Resp: 48999

Ion	Ratio	Lower	Upper
178	100		
179	18.3	0.0	56.6
176	20.2	0.0	60.5

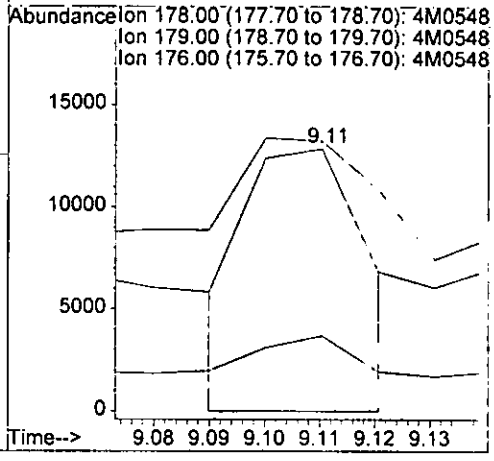


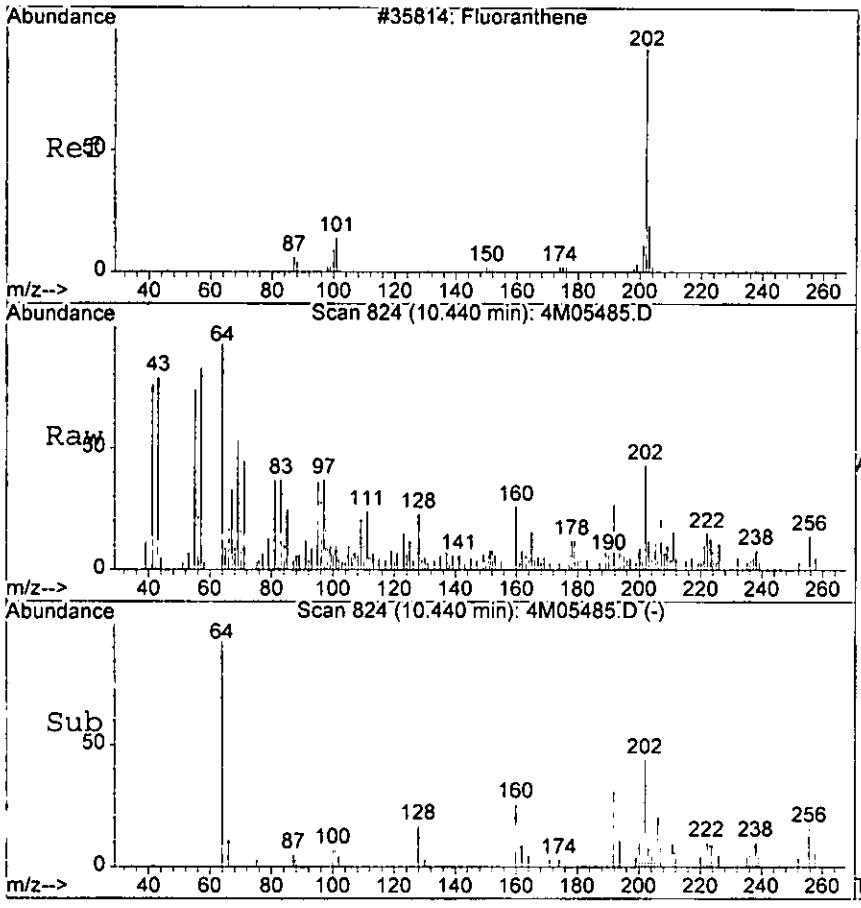


#68
Anthracene
Concen: 10.93 ng m
RT: 9.11 min Scan# 694
Delta R.T. 0.01 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:178 Resp: 19686

Ion	Ratio	Lower	Upper
178	100		
179	102.9	0.0	56.6#
176	28.7	0.0	60.2

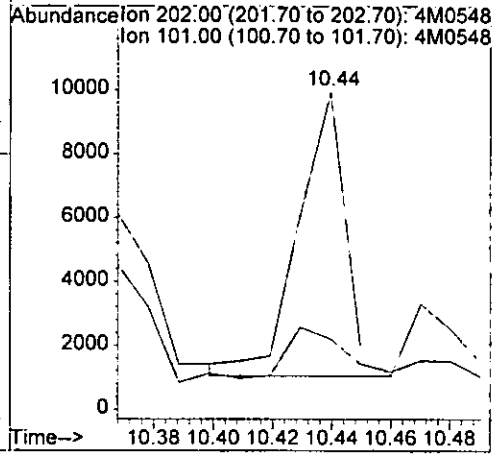




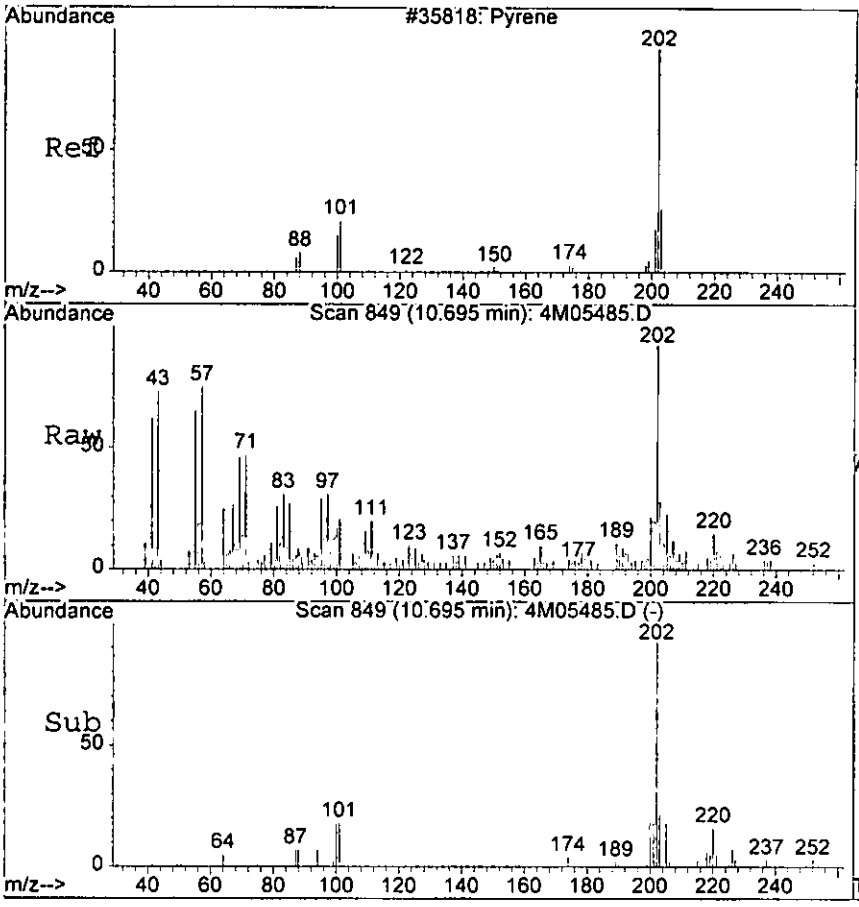
#71
Fluoranthene
Concen: 6.12 ng
RT: 10.44 min Scan# 824
Delta R.T. 0.02 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:202 Resp: 9748

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	58.3



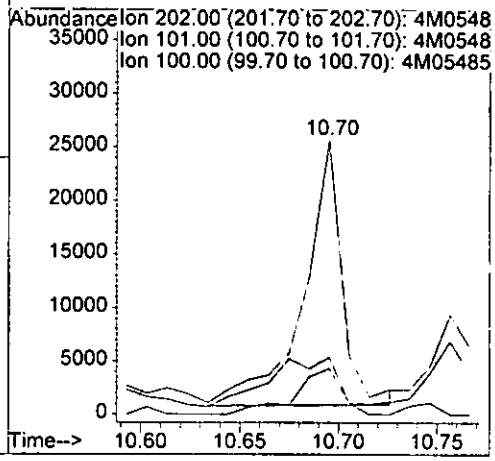
8464

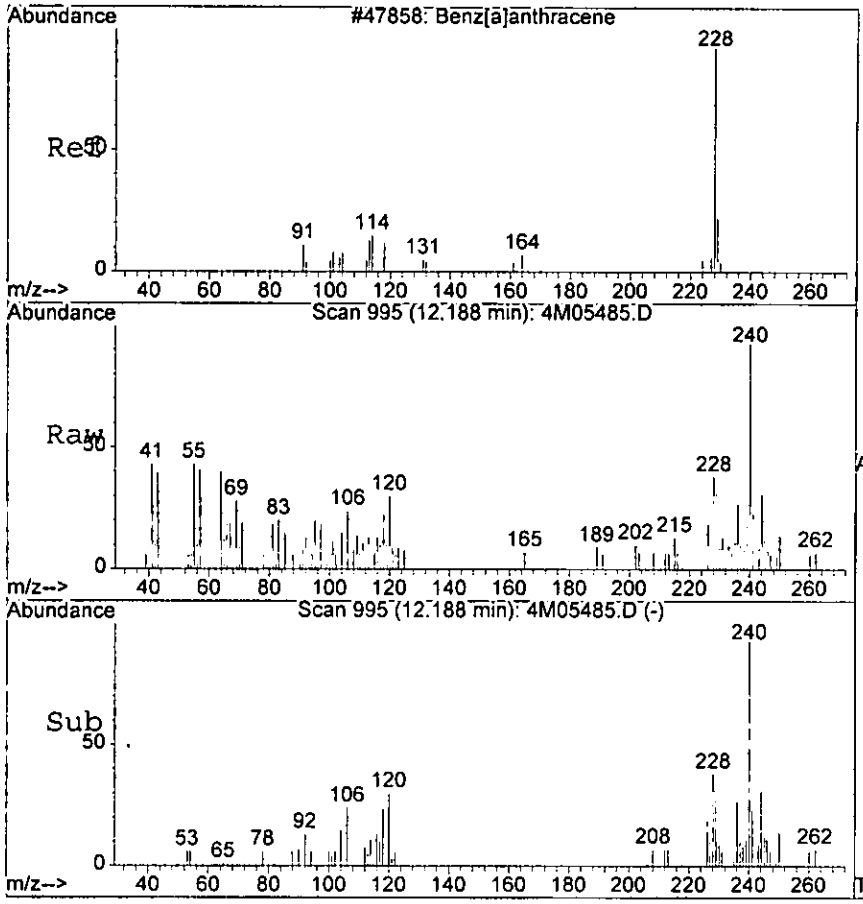


#73
Pyrene
Concen: 15.70 ng
RT: 10.70 min Scan# 849
Delta R.T. 0.01 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:202 Resp: 33838

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	62.7
100	17.7	0.0	60.5

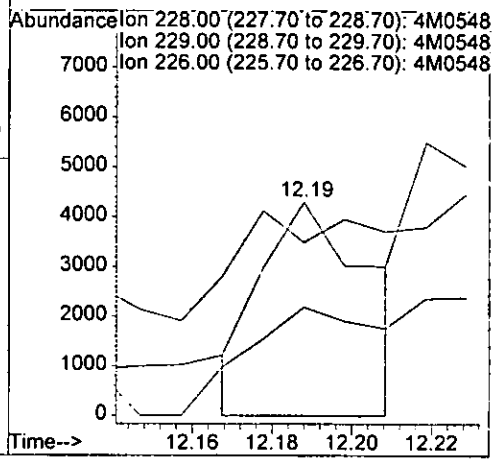


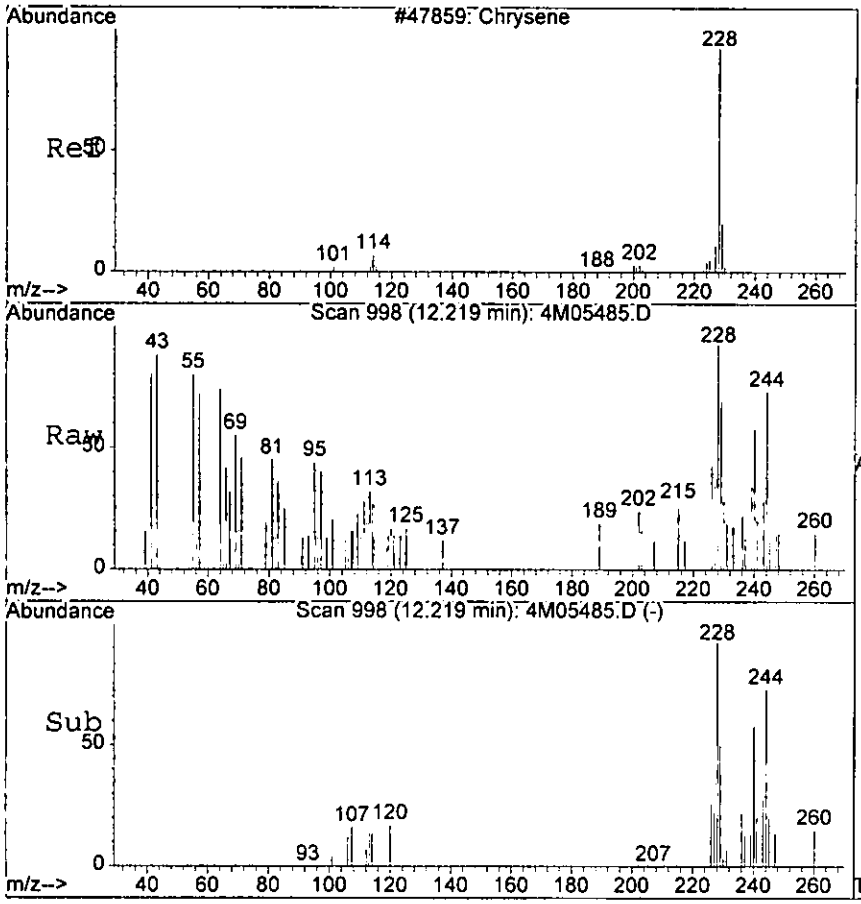


#78
Benzo[a]anthracene
Concen: 4.72 ng m
RT: 12.19 min Scan# 995
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:228 Resp: 8172

Ion	Ratio	Lower	Upper
228	100		
229	81.5	0.0	60.5#
226	50.9	0.0	69.0

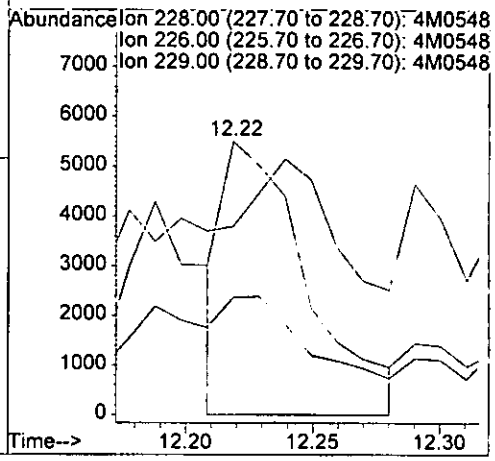


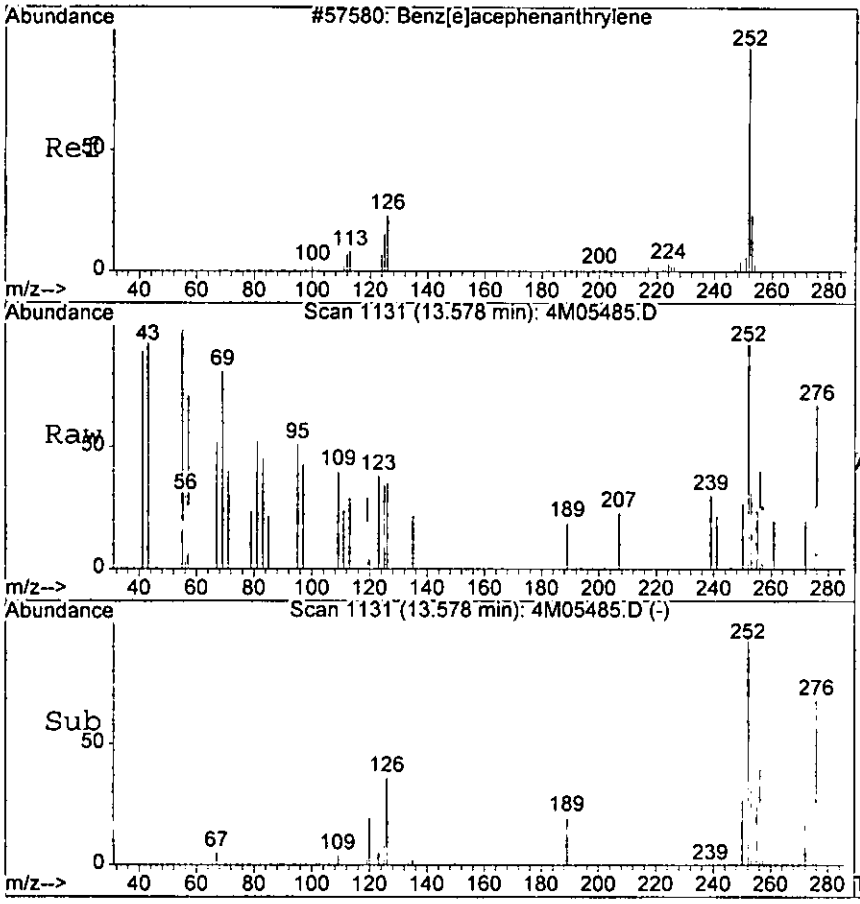


#79
Chrysene
Concen: 8.24 ng
RT: 12.22 min Scan# 998
Delta R.T. -0.01 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:228 Resp: 12651

Ion	Ratio	Lower	Upper
228	100		
226	36.1	12.0	52.0
229	28.2	0.0	61.1

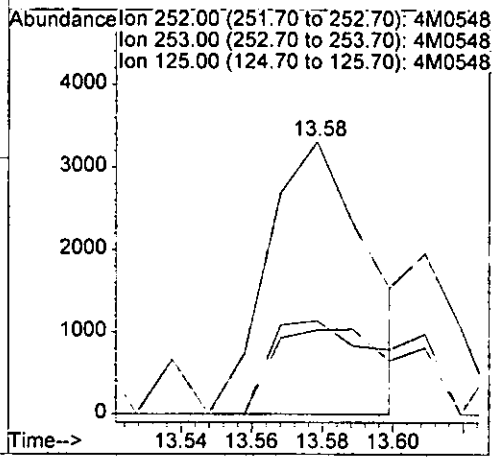


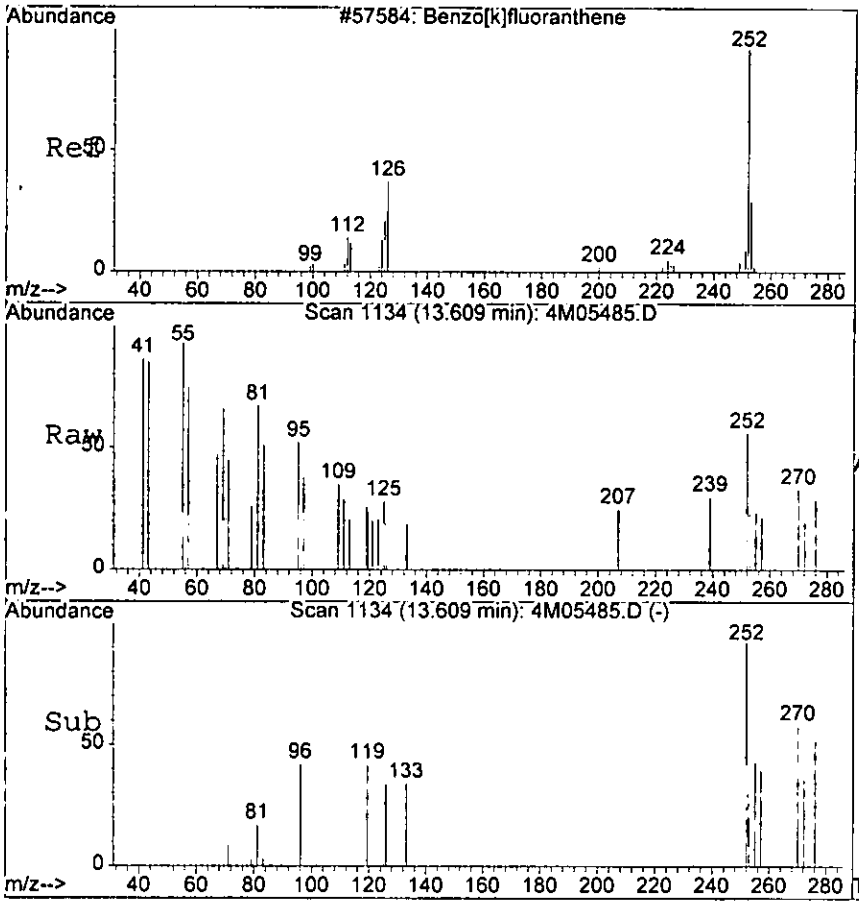


#83
Benzo[b]fluoranthene
Concen: 4.00 ng m
RT: 13.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:252 Resp: 6510

Ion	Ratio	Lower	Upper
252	100		
253	31.0	0.0	63.3
125	34.3	0.0	57.6

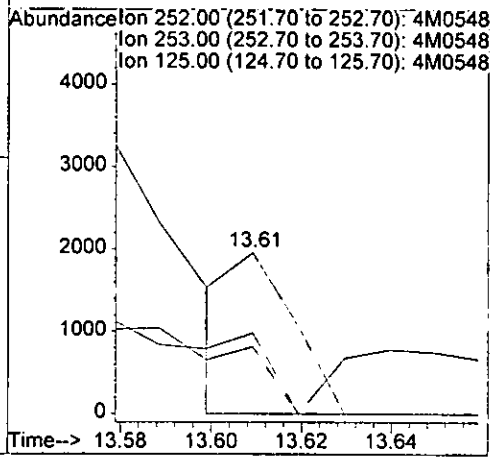




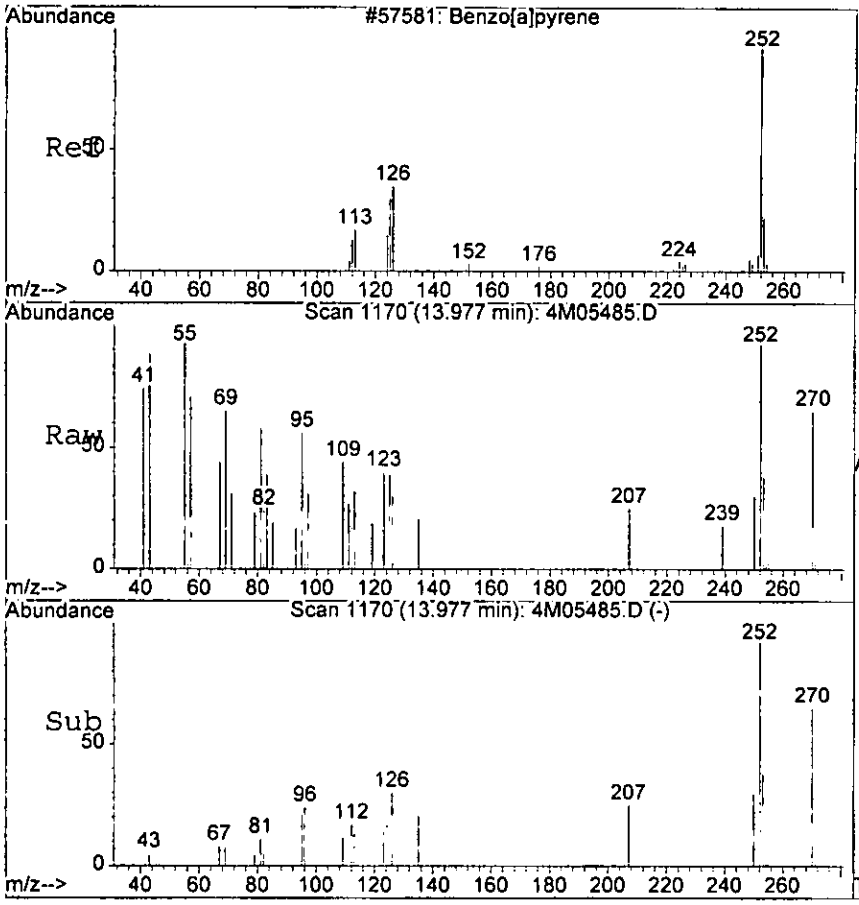
#84
Benzo[k]fluoranthene
Concen: 1.25 ng m
RT: 13.61 min Scan# 1134
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:252 Resp: 1851

Ion	Ratio	Lower	Upper
252	100		
253	41.7	0.0	63.5
125	50.0	0.0	53.8



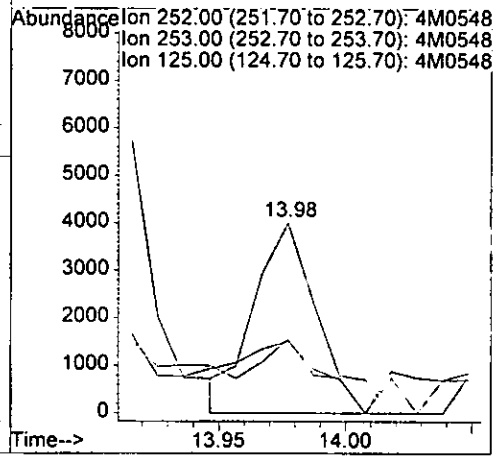
1851



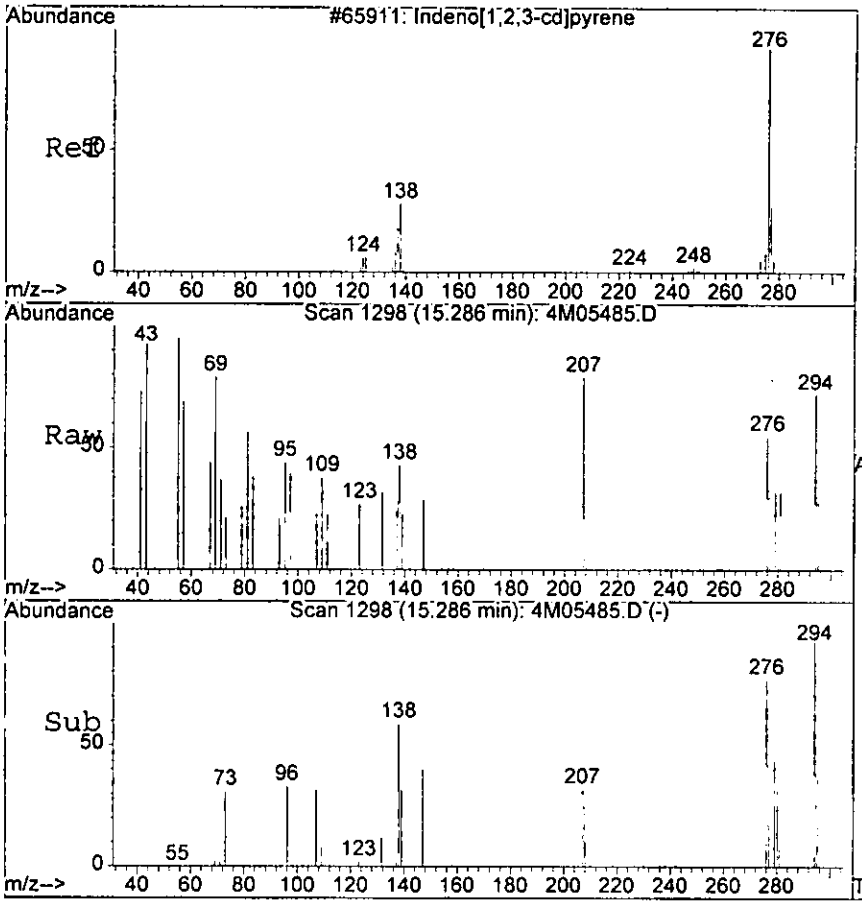
#85
Benzo[a]pyrene
Concen: 5.03 ng
RT: 13.98 min Scan# 1170
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:252 Resp: 7196

Ion	Ratio	Lower	Upper
252	100		
253	19.3	0.0	62.9
125	17.0	0.0	57.6



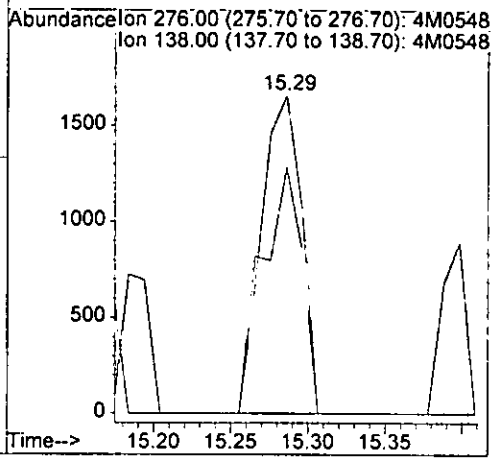
JC 8/05



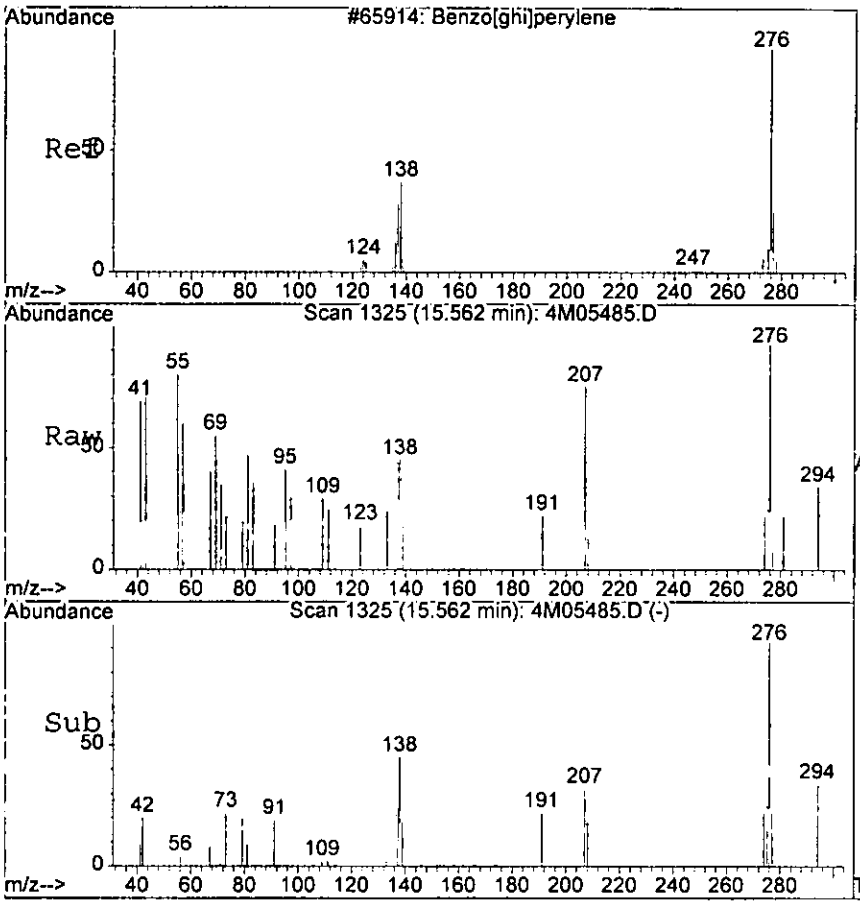
#86
Indeno[1,2,3-cd]pyrene
Concen: 1.84 ng m
RT: 15.29 min Scan# 1298
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:276 Resp: 2969

Ion	Ratio	Lower	Upper
276	100		
138	77.6	0.0	73.4#



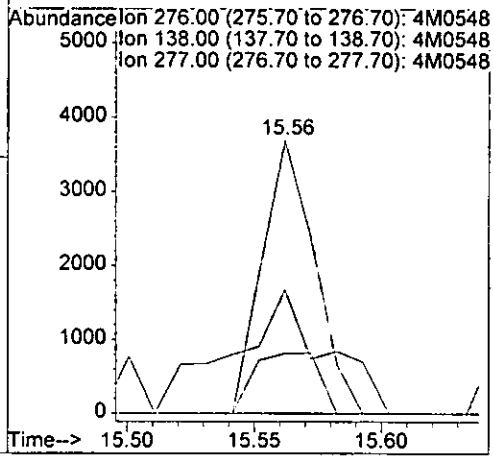
1876



#88
Benzo[g,h,i]perylene
Concen: 3.91 ng
RT: 15.56 min Scan# 1325
Delta R.T. -0.00 min
Lab File: 4M05485.D
Acq: 10 Aug 2005 9:21

Tgt Ion:276 Resp: 5289

Ion	Ratio	Lower	Upper
276	100		
138	45.4	0.0	74.1
277	22.1	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

B472

Sample Number: AC18873-003
Client Id: PCSB-53(16.5')
Data File: 6M03636.D
Analysis Date: 08/09/05 17:35
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 73

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.017	U	205-99-2	Benzo[b]fluoranthene	0.023	U
95-50-1	1,2-Dichlorobenzene	0.020	U	191-24-2	Benzo[g,h,i]perylene	0.017	U
122-66-7	1,2-Diphenylhydrazine	0.0082	U	207-08-9	Benzo[k]fluoranthene	0.021	U
541-73-1	1,3-Dichlorobenzene	0.018	U	111-91-1	bis(2-Chloroethoxy)methan	0.013	U
106-46-7	1,4-Dichlorobenzene	0.014	U	111-44-4	bis(2-Chloroethyl)ether	0.018	U
95-95-4	2,4,5-Trichlorophenol	0.062	U	108-60-1	bis(2-chloroisopropyl)ether	0.013	U
88-06-2	2,4,6-Trichlorophenol	0.078	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.012	U
120-83-2	2,4-Dichlorophenol	0.056	U	85-68-7	Butylbenzylphthalate	0.019	U
105-67-9	2,4-Dimethylphenol	0.053	U	86-74-8	Carbazole	0.016	U
51-28-5	2,4-Dinitrophenol	0.045	U	218-01-9	Chrysene	0.0085	U
121-14-2	2,4-Dinitrotoluene	0.023	U	84-74-2	Di-n-butylphthalate	0.010	U
606-20-2	2,6-Dinitrotoluene	0.015	U	117-84-0	Di-n-octylphthalate	0.011	U
91-58-7	2-Chloronaphthalene	0.019	U	53-70-3	Dibenzo[a,h]anthracene	0.023	U
95-57-8	2-Chlorophenol	0.031	U	132-64-9	Dibenzofuran	0.079	U
91-57-6	2-Methylnaphthalene	0.047	U	84-66-2	Diethylphthalate	0.011	U
95-48-7	2-Methylphenol	0.10	U	131-11-3	Dimethylphthalate	0.023	U
88-74-4	2-Nitroaniline	0.069	U	206-44-0	Fluoranthene	0.017	U
88-75-5	2-Nitrophenol	0.061	U	86-73-7	Fluorene	0.0097	U
106-44-5	3&4-Methylphenol	0.12	U	118-74-1	Hexachlorobenzene	0.026	U
91-94-1	3,3'-Dichlorobenzidine	0.19	U	87-68-3	Hexachlorobutadiene	0.016	U
99-09-2	3-Nitroaniline	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.28	U
534-52-1	4,6-Dinitro-2-methylphenol	0.057	U	67-72-1	Hexachloroethane	0.023	U
101-55-3	4-Bromophenyl-phenylether	0.022	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.033	U
59-50-7	4-Chloro-3-methylphenol	0.091	U	78-59-1	Isophorone	0.011	U
106-47-8	4-Chloroaniline	0.32	U	621-64-7	N-Nitroso-di-n-propylamine	0.025	U
7005-72-3	4-Chlorophenyl-phenylether	0.018	U	62-75-9	N-Nitrosodimethylamine	0.29	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.017	U
100-02-7	4-Nitrophenol	0.052	U	91-20-3	Naphthalene	0.0087	U
83-32-9	Acenaphthene	0.016	U	98-95-3	Nitrobenzene	0.038	U
208-96-8	Acenaphthylene	0.0091	U	87-86-5	Pentachlorophenol	0.044	U
120-12-7	Anthracene	0.012	U	85-01-8	Phenanthrene	0.011	U
92-87-5	Benzidine	0.027	U	108-95-2	Phenol	0.045	U
56-55-3	Benzo[a]anthracene	0.019	U	129-00-0	Pyrene	0.0078	U
50-32-8	**Benzo[a]pyrene**	**0.020**	**0.25**				

Worksheet #: 18319

Total Target Concentration 0.25

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03636.D Vial: 19
Acq On : 9 Aug 2005 17:35 Operator: AHD
Sample : AC18873-003 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:31 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	36318	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	116646	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	57856	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	88658	40.00	ng	0.00
74) Chrysene-d12	11.78	240	38036	40.00	ng	0.00
83) Perylene-d12	13.63	264	25072	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	195331	183.66	ng	0.00
Spiked Amount 200.000			Recovery = 91.83%			
8) Phenol-d5	4.20	99	259409	182.70	ng	0.00
Spiked Amount 200.000			Recovery = 91.35%			
21) Nitrobenzene-d5	4.90	128	54747	93.02	ng	0.00
Spiked Amount 100.000			Recovery = 93.02%			
41) 2-Fluorobiphenyl	6.35	172	175149	96.72	ng	0.00
Spiked Amount 100.000			Recovery = 96.72%			
64) 2,4,6-Tribromophenol	7.82	332	29354	170.32	ng	0.00
Spiked Amount 200.000			Recovery = 85.16%			
77) Terphenyl-d14	10.49	244	108939	109.07	ng	0.00
Spiked Amount 100.000			Recovery = 109.07%			
Target Compounds						Qvalue
87) Benzo[a]pyrene	13.66	252	5059	5.58	ng	69

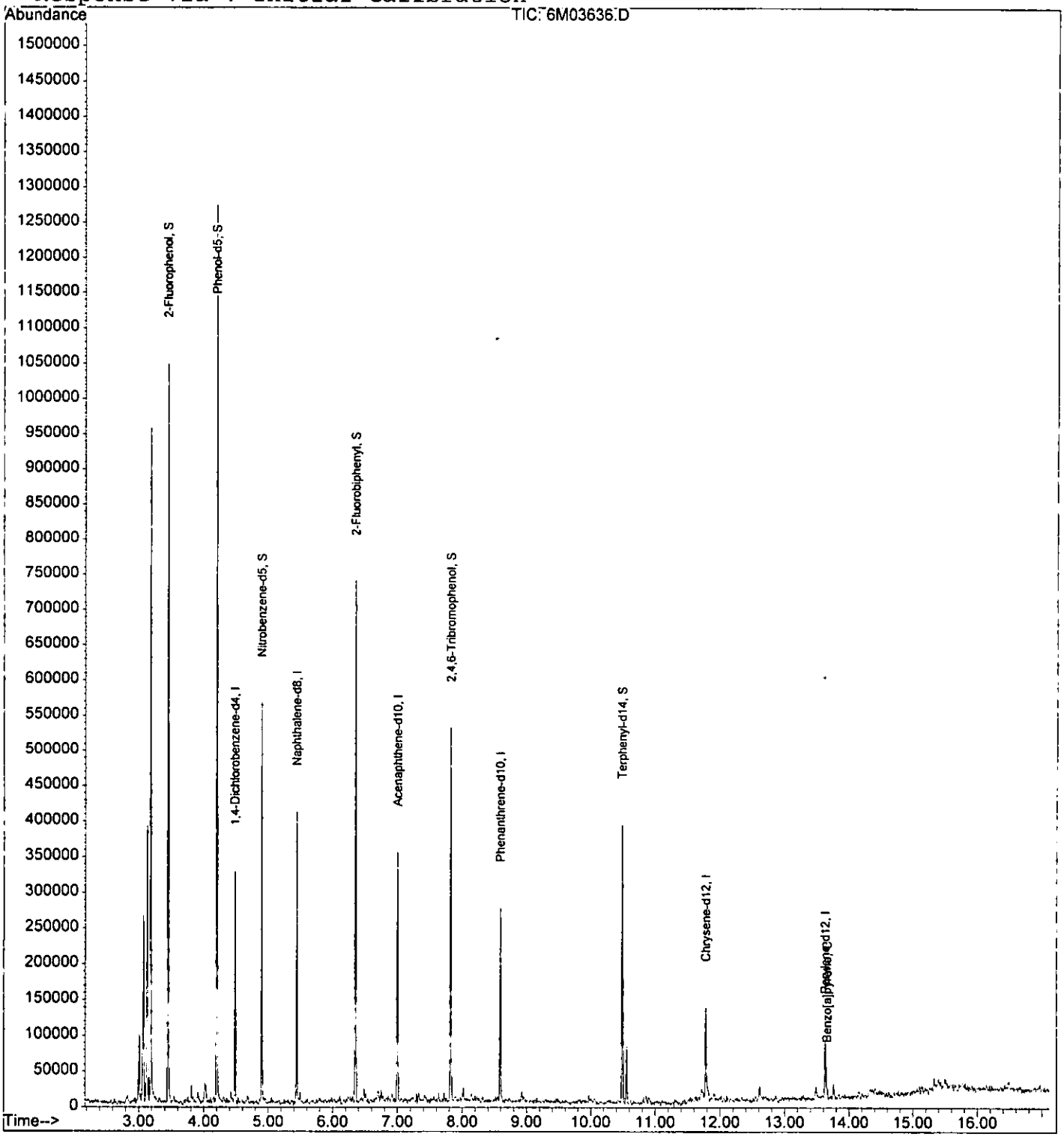
8/16/05

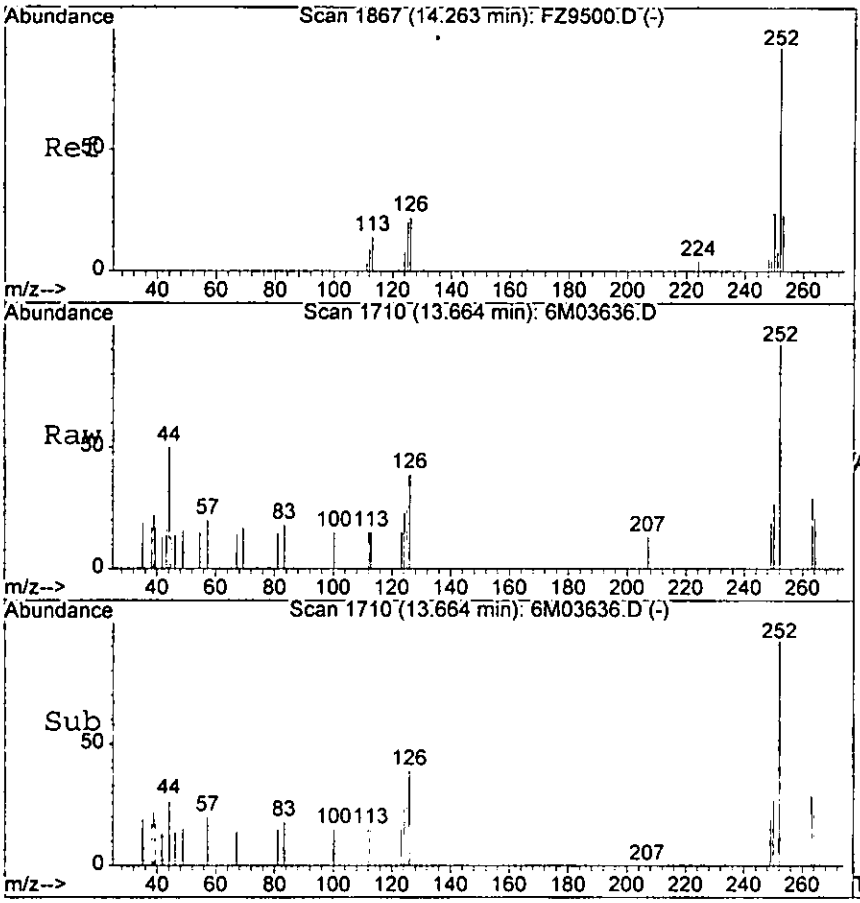
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03636.D Vial: 19
Acq On : 9 Aug 2005 17:35 Operator: AHD
Sample : AC18873-003 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:31 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration

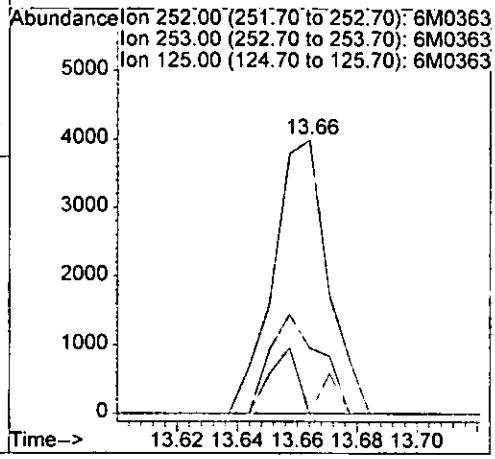




#87
Benzo[a]pyrene
Concen: 5.58 ng
RT: 13.66 min Scan# 1710
Delta R.T. 0.11 min
Lab File: 6M03636.D
Acq: 9 Aug 2005 17:35

Tgt Ion:252 Resp: 5059

Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	64.1
125	23.9	0.0	74.1



0479

1901

Form1

ORGANICS SEMIVOLATILE REPORT

8475

Sample Number: AC18873-005(3X)
Client Id: PCSB-43(0.5')
Data File: 4M05486.D
Analysis Date: 08/10/05 09:45
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.029	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.032**	**2.8**
95-50-1	1,2-Dichlorobenzene	0.049	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.020**	**2.1**
122-66-7	1,2-Diphenylhydrazine	0.031	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.035**	**0.86**
541-73-1	1,3-Dichlorobenzene	0.045	U	111-91-1	bis(2-Chloroethoxy)methan	0.024	U
106-46-7	1,4-Dichlorobenzene	0.054	U	111-44-4	bis(2-Chloroethyl)ether	0.056	U
95-95-4	2,4,5-Trichlorophenol	1.4	U	108-60-1	bis(2-chloroisopropyl)ether	0.035	U
88-06-2	2,4,6-Trichlorophenol	2.6	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.096	U
120-83-2	2,4-Dichlorophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.043	U
105-67-9	2,4-Dimethylphenol	0.15	U	86-74-8	Carbazole	0.032	U
51-28-5	2,4-Dinitrophenol	0.72	U	**218-01-9**	**Chrysene**	**0.022**	**1.9**
121-14-2	2,4-Dinitrotoluene	0.040	U	84-74-2	Di-n-butylphthalate	0.024	U
606-20-2	2,6-Dinitrotoluene	0.044	U	117-84-0	Di-n-octylphthalate	0.025	U
91-58-7	2-Chloronaphthalene	0.029	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.037**	**0.56**
95-57-8	2-Chlorophenol	0.22	U	**132-64-9**	**Dibenzofuran**	**0.14**	**0.28**
91-57-6	**2-Methylnaphthalene**	**0.14**	**1.4**	84-66-2	Diethylphthalate	0.029	U
95-48-7	2-Methylphenol	0.51	U	131-11-3	Dimethylphthalate	0.024	U
88-74-4	2-Nitroaniline	0.075	U	**206-44-0**	**Fluoranthene**	**0.031**	**3.3**
88-75-5	2-Nitrophenol	0.12	U	**86-73-7**	**Fluorene**	**0.027**	**0.16**
106-44-5	3&4-Methylphenol	0.56	U	118-74-1	Hexachlorobenzene	0.049	U
91-94-1	3,3'-Dichlorobenzidine	0.23	U	87-68-3	Hexachlorobutadiene	0.045	U
99-09-2	3-Nitroaniline	0.44	U	77-47-4	Hexachlorocyclopentadiene	0.28	U
534-52-1	4,6-Dinitro-2-methylphenol	0.20	U	67-72-1	Hexachloroethane	0.079	U
101-55-3	4-Bromophenyl-phenylether	0.041	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.015**	**1.6**
59-50-7	4-Chloro-3-methylphenol	0.27	U	78-59-1	Isophorone	0.033	U
106-47-8	4-Chloroaniline	0.82	U	621-64-7	N-Nitroso-di-n-propylamine	0.051	U
7005-72-3	4-Chlorophenyl-phenylether	0.049	U	62-75-9	N-Nitrosodimethylamine	1.3	U
100-01-6	4-Nitroaniline	0.26	U	86-30-6	n-Nitrosodiphenylamine	0.051	U
100-02-7	4-Nitrophenol	0.19	U	**91-20-3**	**Naphthalene**	**0.025**	**0.59**
83-32-9	**Acenaphthene**	**0.044**	**0.13**	98-95-3	Nitrobenzene	0.042	U
208-96-8	Acenaphthylene	0.025	U	87-86-5	Pentachlorophenol	0.13	U
120-12-7	**Anthracene**	**0.028**	**0.48**	**85-01-8**	**Phenanthrene**	**0.025**	**1.8**
92-87-5	Benzidine	0.24	U	108-95-2	Phenol	0.16	U
56-55-3	**Benzo[a]anthracene**	**0.019**	**2.2**	**129-00-0**	**Pyrene**	**0.025**	**2.5**
50-32-8	**Benzo[a]pyrene**	**0.025**	**2.2**				

Worksheet #: 18319

Total Target Concentration 24.86

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05486.D Vial: 20
Acq On : 10 Aug 2005 9:45 Operator: AHD
Sample : AC18873-005(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:32 2005 Quant Results File: 4M_0809.RES

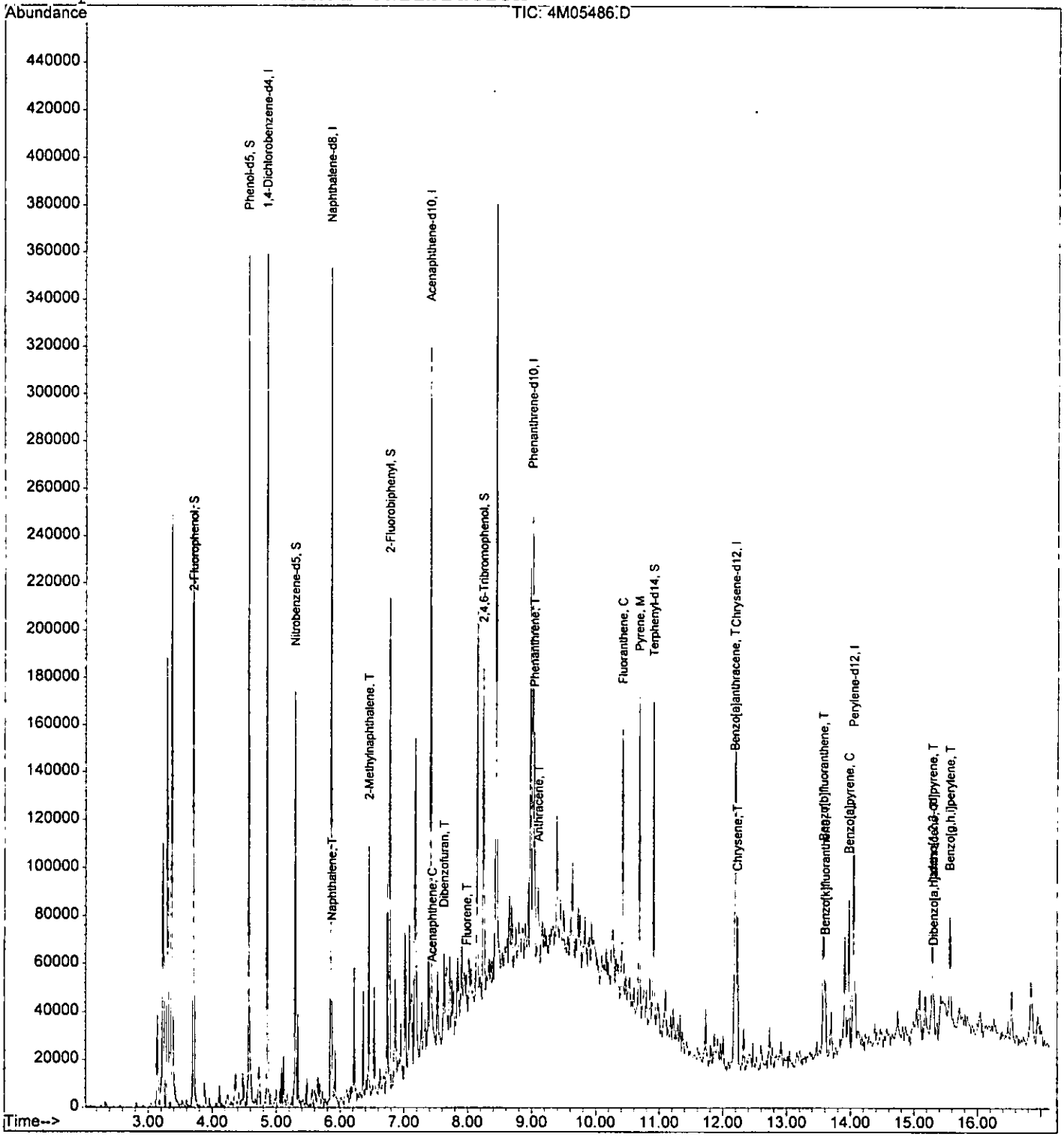
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

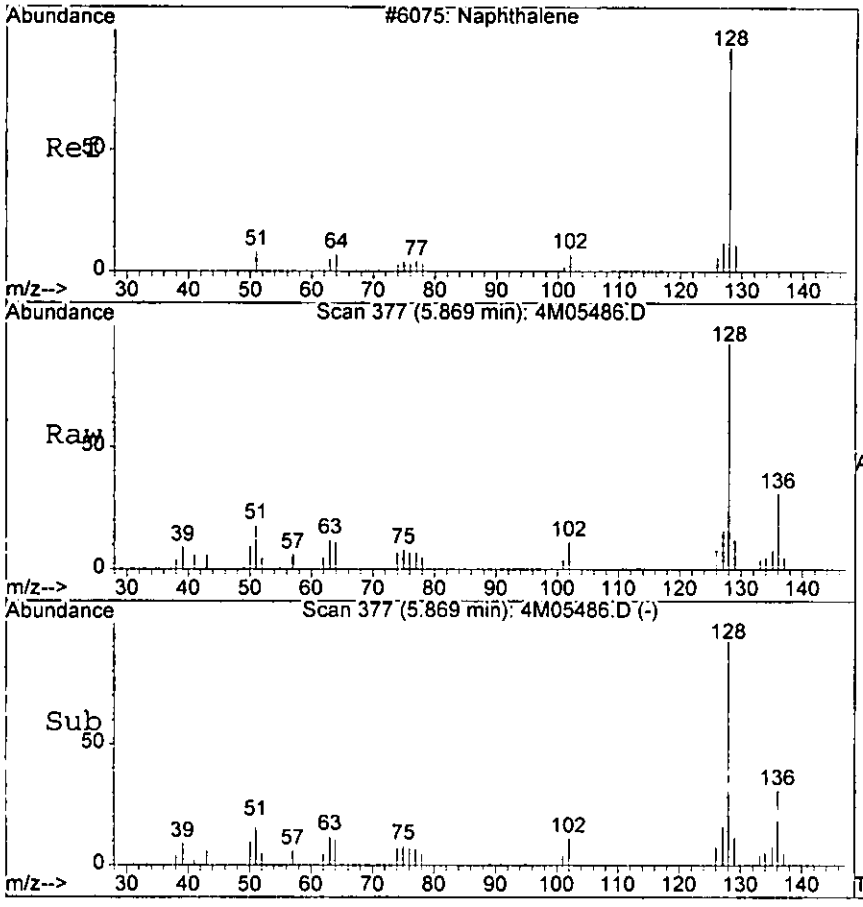
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	42007	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	118187	40.00	ng	0.00
35) Acenaphthene-d10	7.41	164	54612	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	71121	40.00	ng	0.00
72) Chrysene-d12	12.20	240	49212	40.00	ng	0.00
81) Perylene-d12	14.05	264	44683	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	68672	58.79	ng	0.00
Spiked Amount 200.000			Recovery = 29.40%			
7) Phenol-d5	4.57	99	87410	59.59	ng	-0.01
Spiked Amount 200.000			Recovery = 29.80%			
20) Nitrobenzene-d5	5.30	128	17248	30.18	ng	0.00
Spiked Amount 100.000			Recovery = 30.18%			
40) 2-Fluorobiphenyl	6.78	172	61313	32.84	ng	0.00
Spiked Amount 100.000			Recovery = 32.84%			
62) 2,4,6-Tribromophenol	8.24	332	16946	47.32	ng	0.00
Spiked Amount 200.000			Recovery = 23.66%			
75) Terphenyl-d14	10.91	244	39485	28.31	ng	0.00
Spiked Amount 100.000			Recovery = 28.31%			
Target Compounds						Qvalue
29) Naphthalene	5.87	128	15626	5.59	ng	98
33) 2-Methylnaphthalene	6.45	142	23331	12.98	ng	99
49) Acenaphthene	7.44	153	1930	1.23	ng	94
52) Dibenzofuran	7.63	168	5040	2.64	ng	79
55) Fluorene	7.99	166	2267	1.55	ng	83
67) Phenanthrene	9.04	178	30626	16.89	ng	100
68) Anthracene	9.10	178	8183	4.53	ng	90
71) Fluoranthene	10.42	202	49183	30.79	ng	99
73) Pyrene	10.69	202	46280	23.51	ng	98
78) Benzo[a]anthracene	12.19	228	32793	20.74	ng	99
79) Chrysene	12.23	228	25586	18.25	ng	96
83) Benzo[b]fluoranthene	13.58	252	42996m	26.03	ng	
84) Benzo[k]fluoranthene	13.61	252	12271m	8.12	ng	
85) Benzo[a]pyrene	13.98	252	29529	20.30	ng	98
86) Indeno[1,2,3-cd]pyrene	15.29	276	24893	15.18	ng	97
87) Dibenzo[a,h]anthracene	15.31	278	6826	5.22	ng	81
88) Benzo[g,h,i]perylene	15.56	276	27458	19.99	ng	97

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05486.D Vial: 20
Acq On : 10 Aug 2005 9:45 Operator: AHD
Sample : AC18873-005(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:32 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

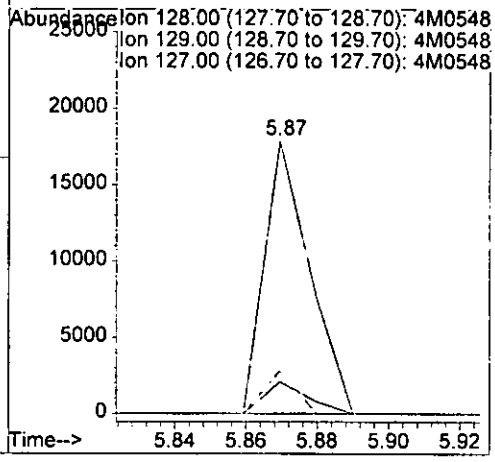


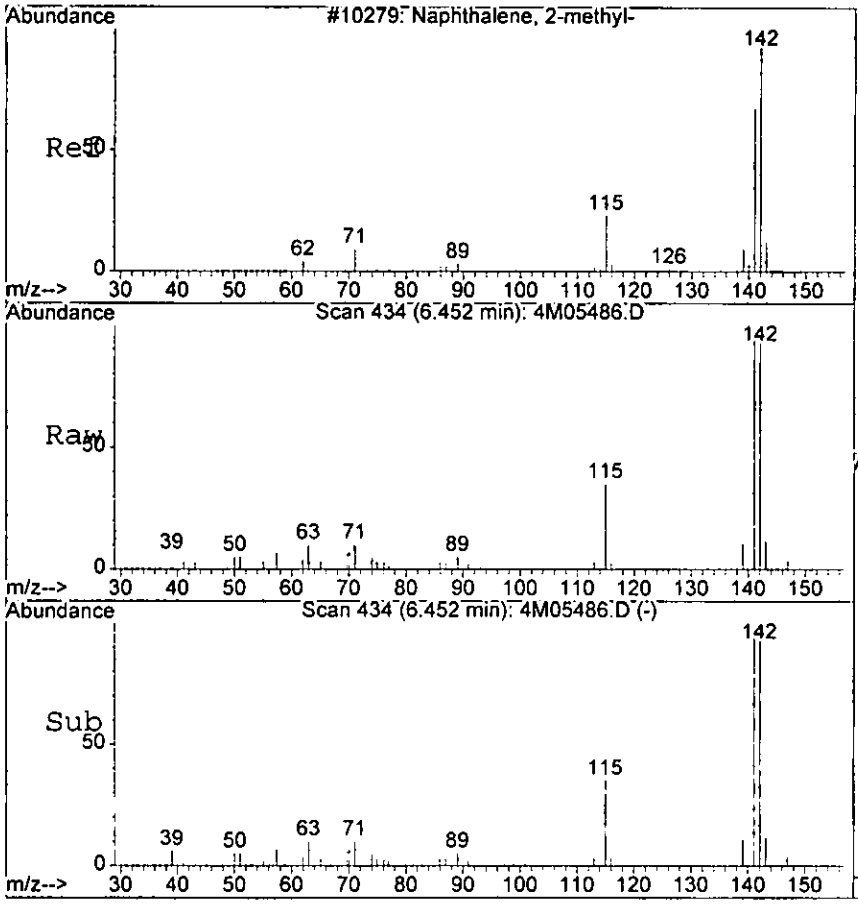


#29
Naphthalene
Concen: 5.59 ng
RT: 5.87 min Scan# 377
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:128 Resp: 15626

Ion	Ratio	Lower	Upper
128	100		
129	11.6	0.0	51.8
127	15.8	0.0	57.0

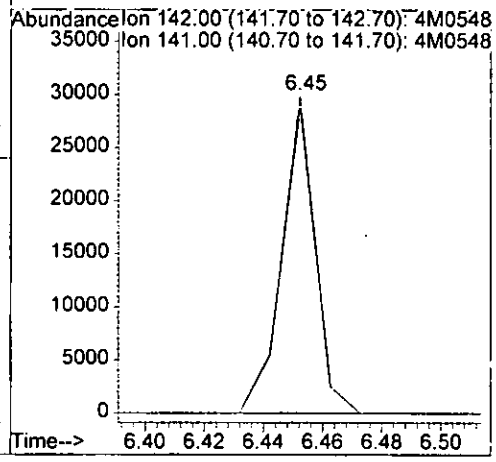


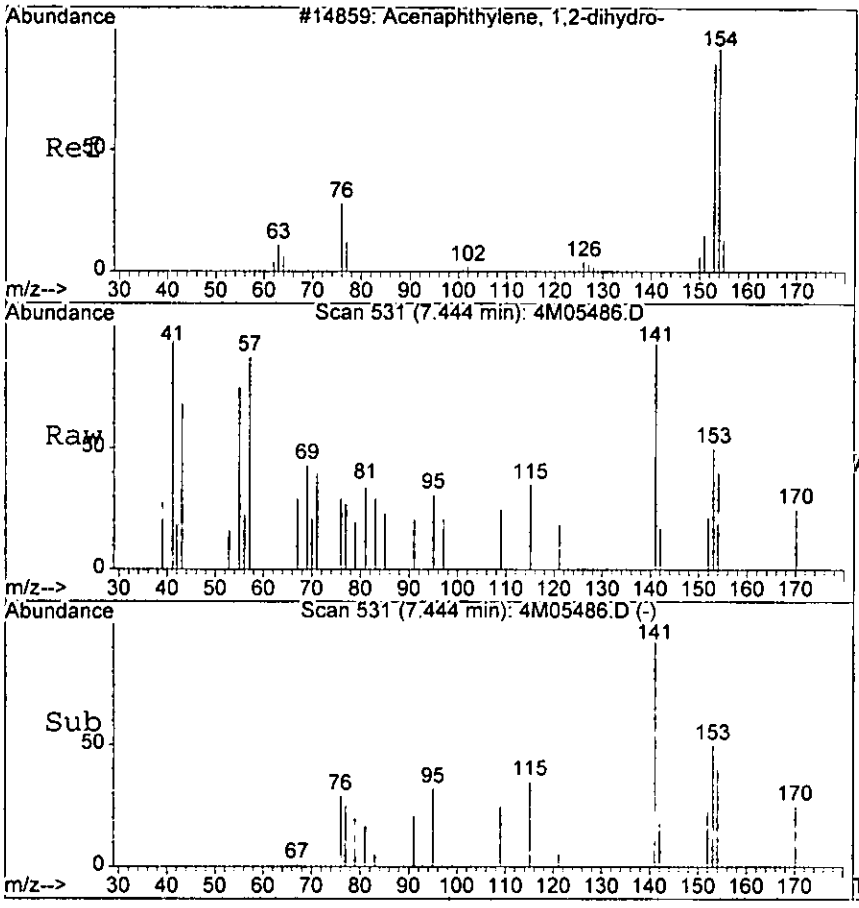


#33
2-Methylnaphthalene
Concen: 12.98 ng
RT: 6.45 min Scan# 434
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:142 Resp: 23331

Ion	Ratio	Lower	Upper
142	100		
141	96.2	55.7	135.7

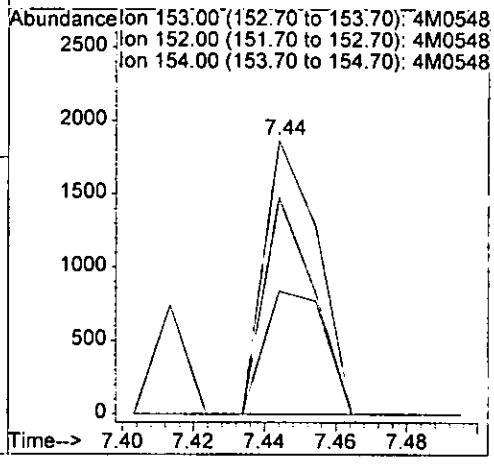




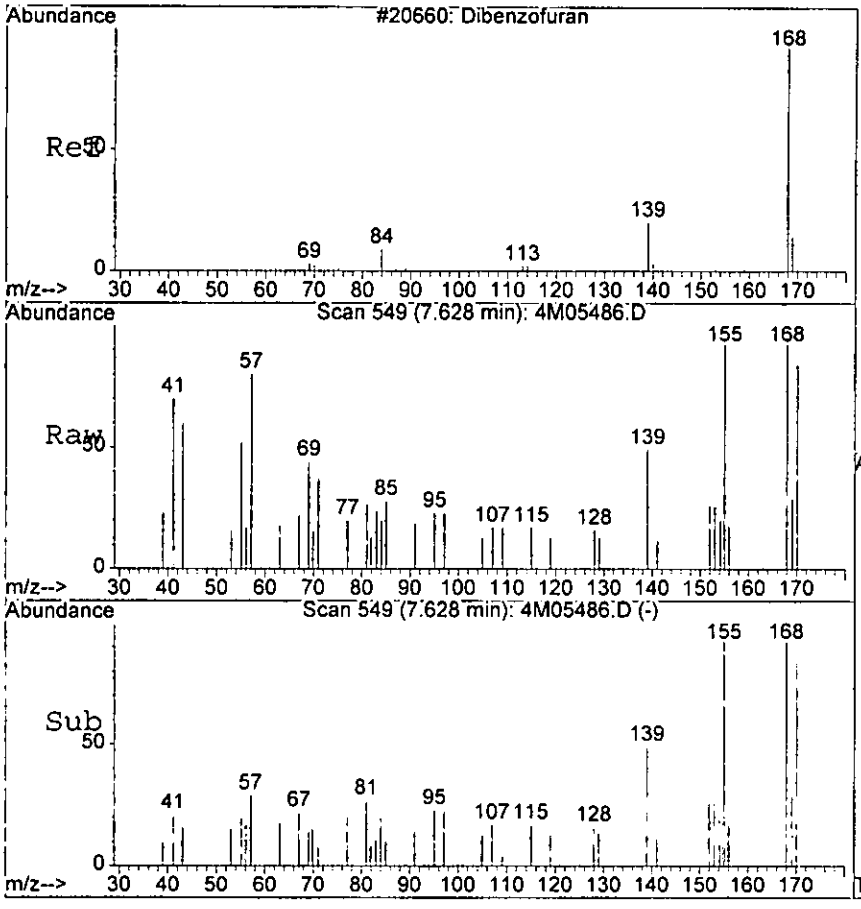
#49
Acenaphthene
Concen: 1.23 ng
RT: 7.44 min Scan# 531
Delta R.T. -0.01 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:153 Resp: 1930

Ion	Ratio	Lower	Upper
153	100		
152	44.9	8.3	88.3
154	79.1	45.1	125.1



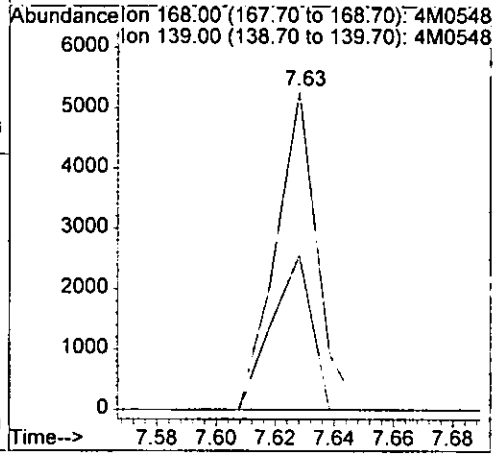
0421



#52
Dibenzofuran
Concen: 2.64 ng
RT: 7.63 min Scan# 549
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

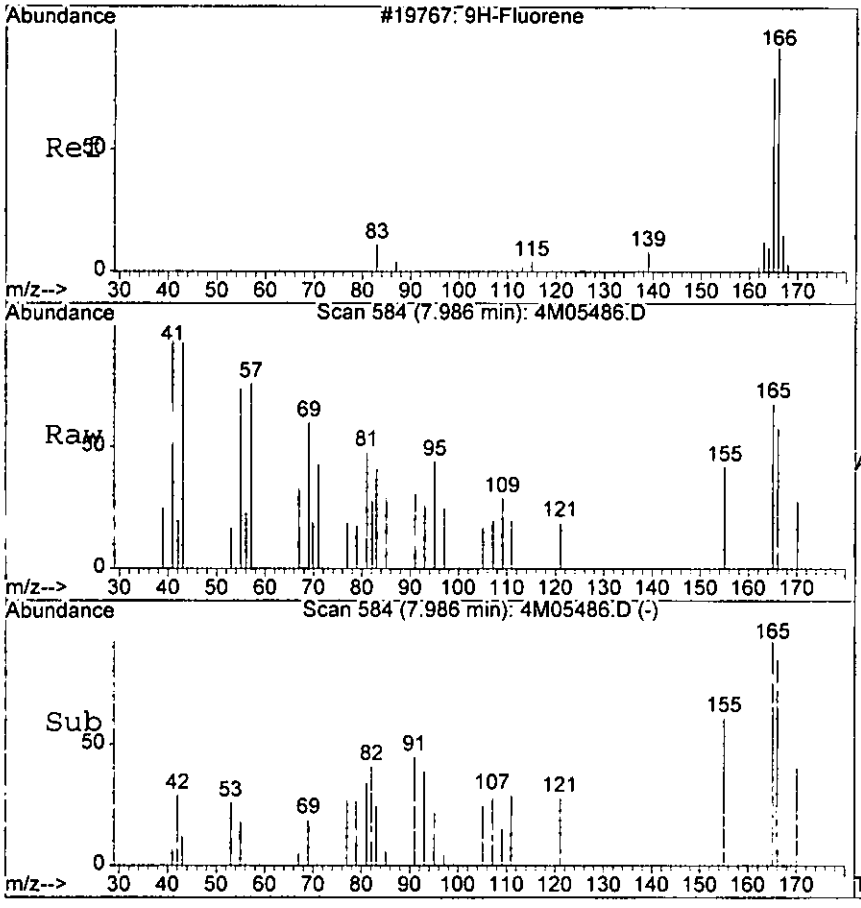
Tgt Ion:168 Resp: 5040

Ion	Ratio	Lower	Upper
168	100		
139	48.5	6.0	66.0



0485

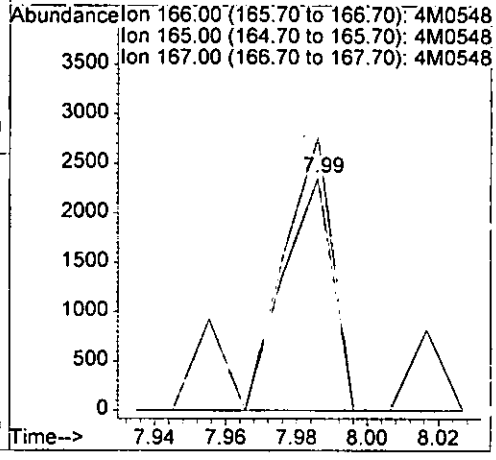
1816



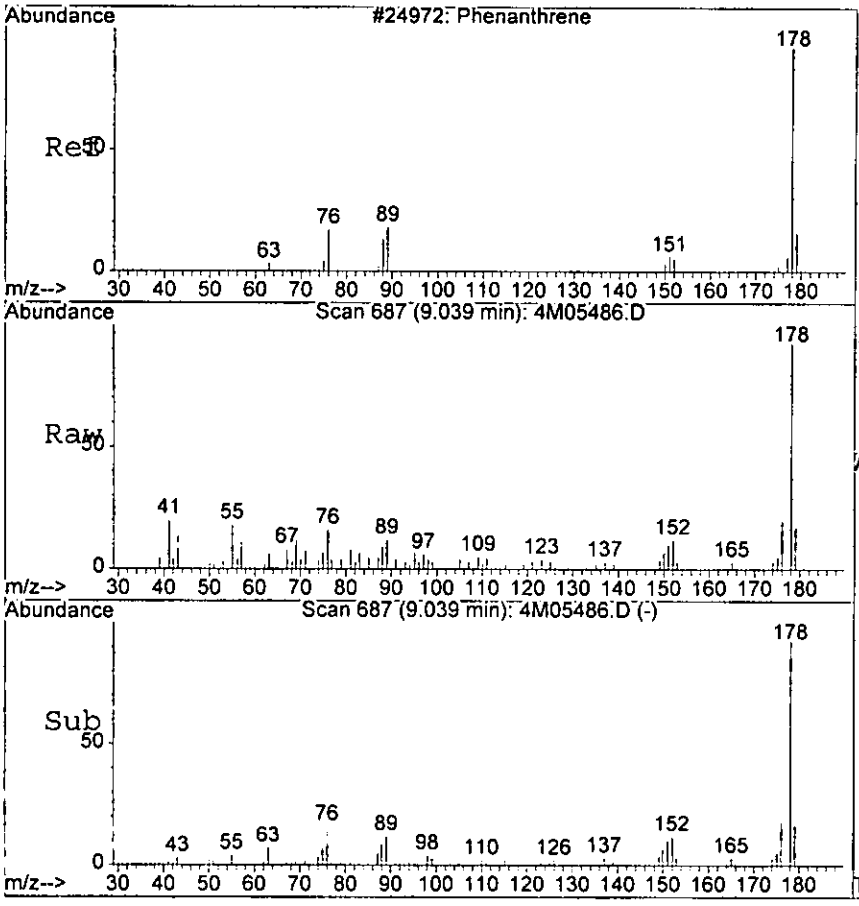
#55
Fluorene
Concen: 1.55 ng
RT: 7.99 min Scan# 584
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:166 Resp: 2267

Ion	Ratio	Lower	Upper
166	100		
165	117.6	63.3	143.3
167	0.0	0.0	54.6



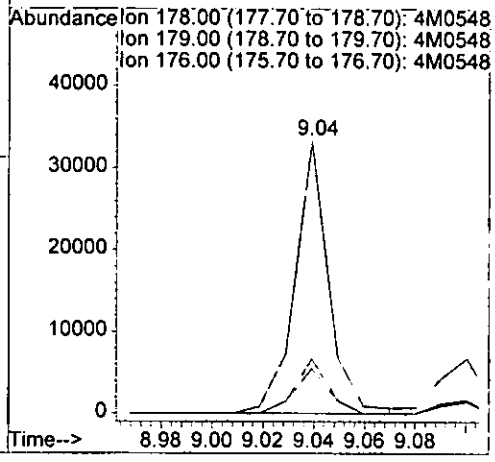
0348



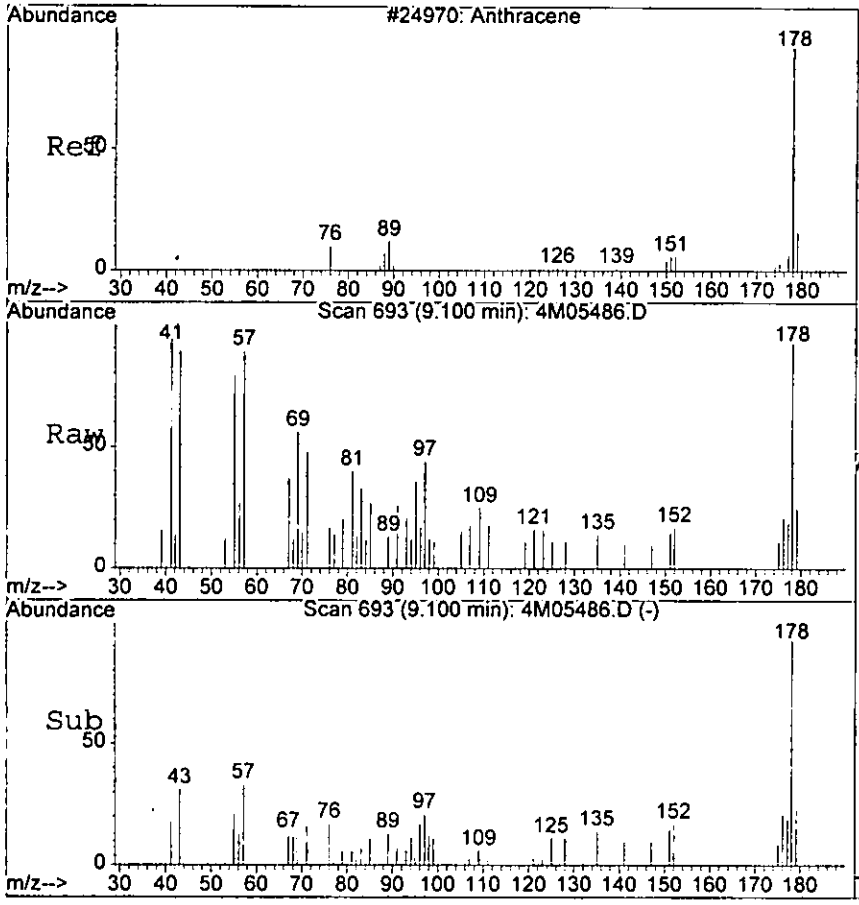
#67
Phenanthrene
Concen: 16.89 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:178 Resp: 30626

Ion	Ratio	Lower	Upper
178	100		
179	16.5	0.0	56.6
176	20.1	0.0	60.5



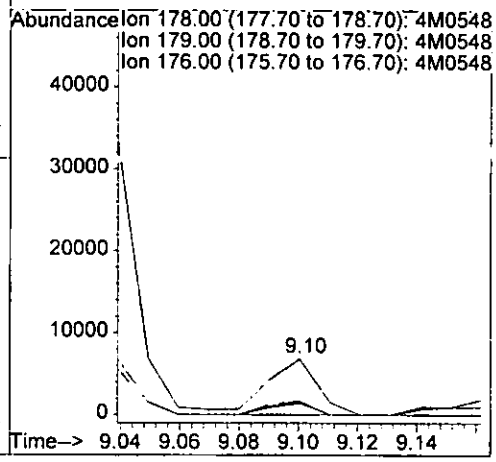
1/8/05



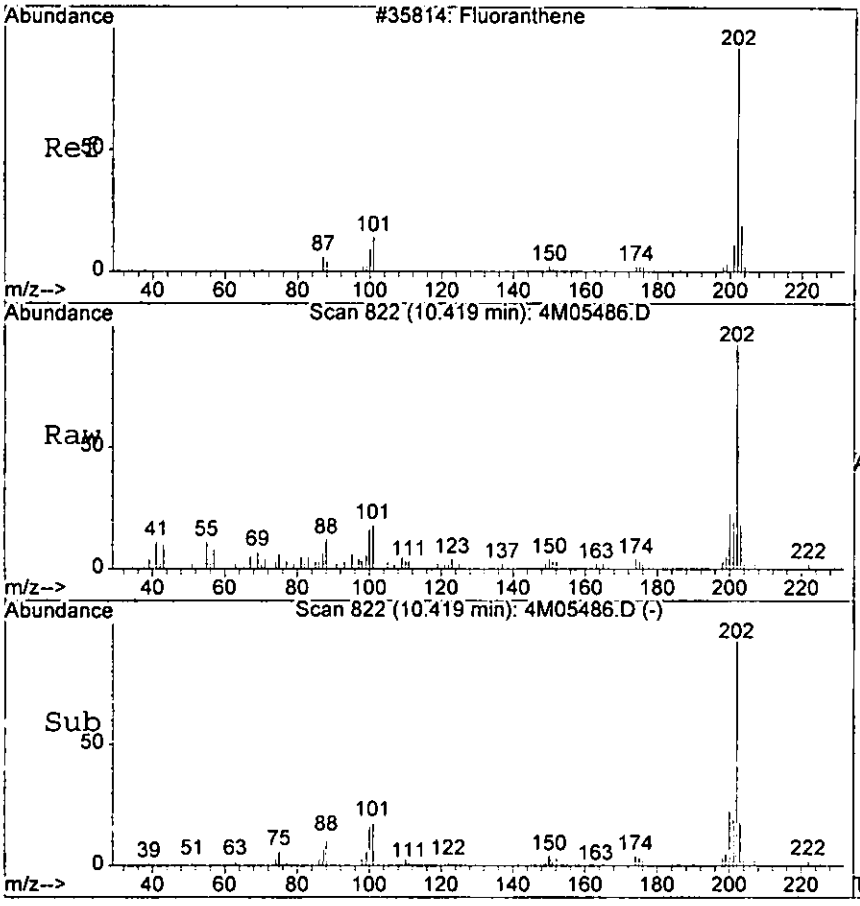
#68
Anthracene
Concen: 4.53 ng
RT: 9.10 min Scan# 693
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:178 Resp: 8183

Ion	Ratio	Lower	Upper
178	100		
179	24.8	0.0	56.6
176	21.3	0.0	60.2



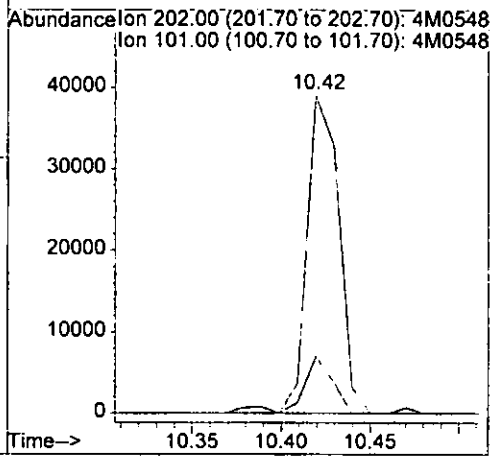
0487



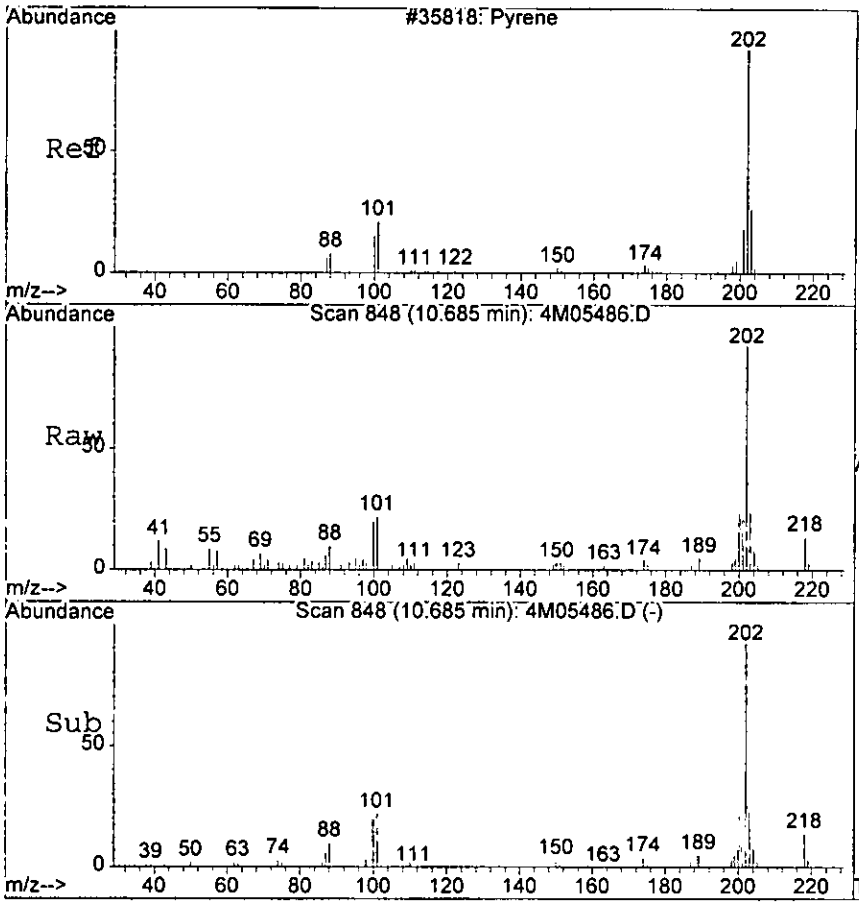
#71
Fluoranthene
Concen: 30.79 ng
RT: 10.42 min Scan# 822
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:202 Resp: 49183

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	58.3



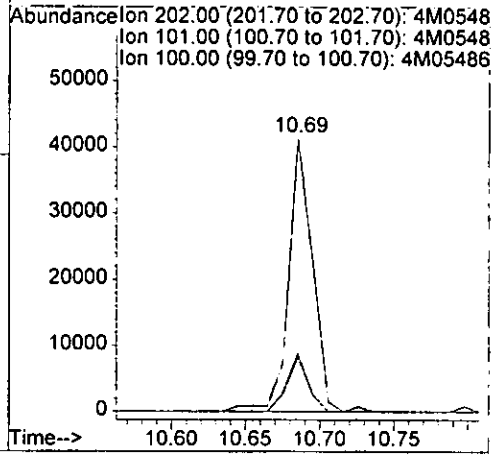
1810

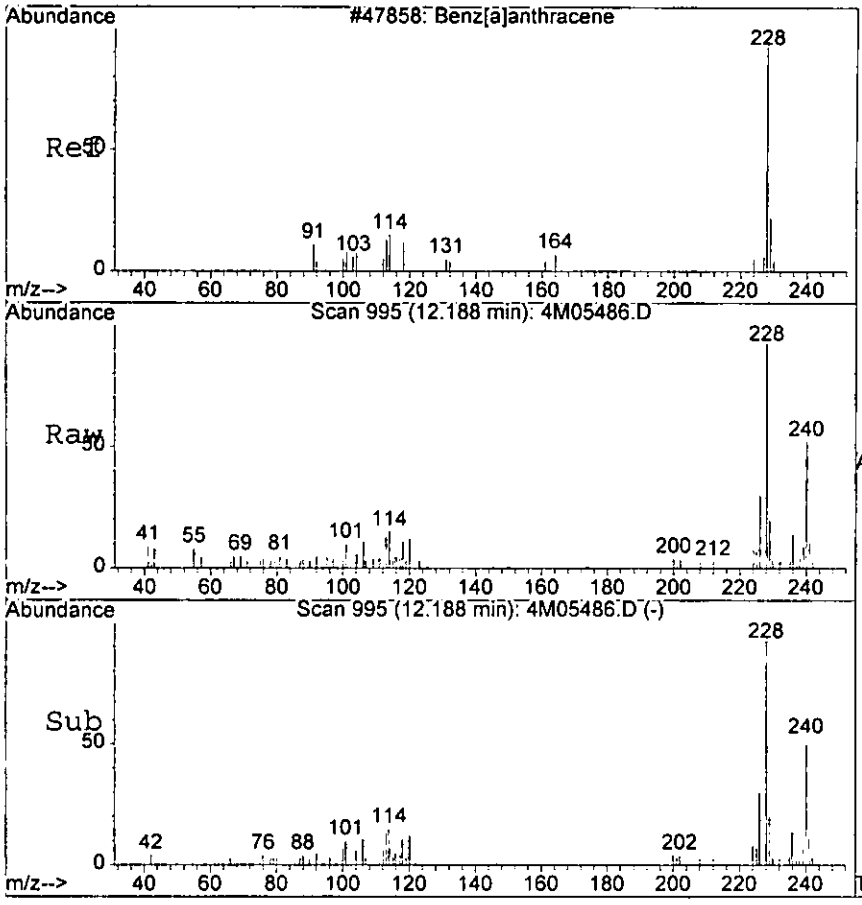


#73
Pyrene
Concen: 23.51 ng
RT: 10.69 min Scan# 848
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:202 Resp: 46280

Ion	Ratio	Lower	Upper
202	100		
101	21.6	0.0	62.7
100	20.1	0.0	60.5

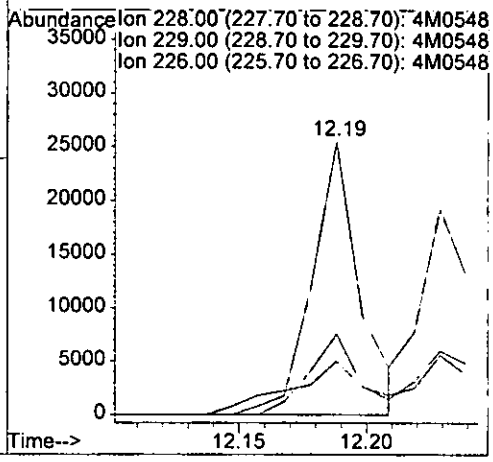


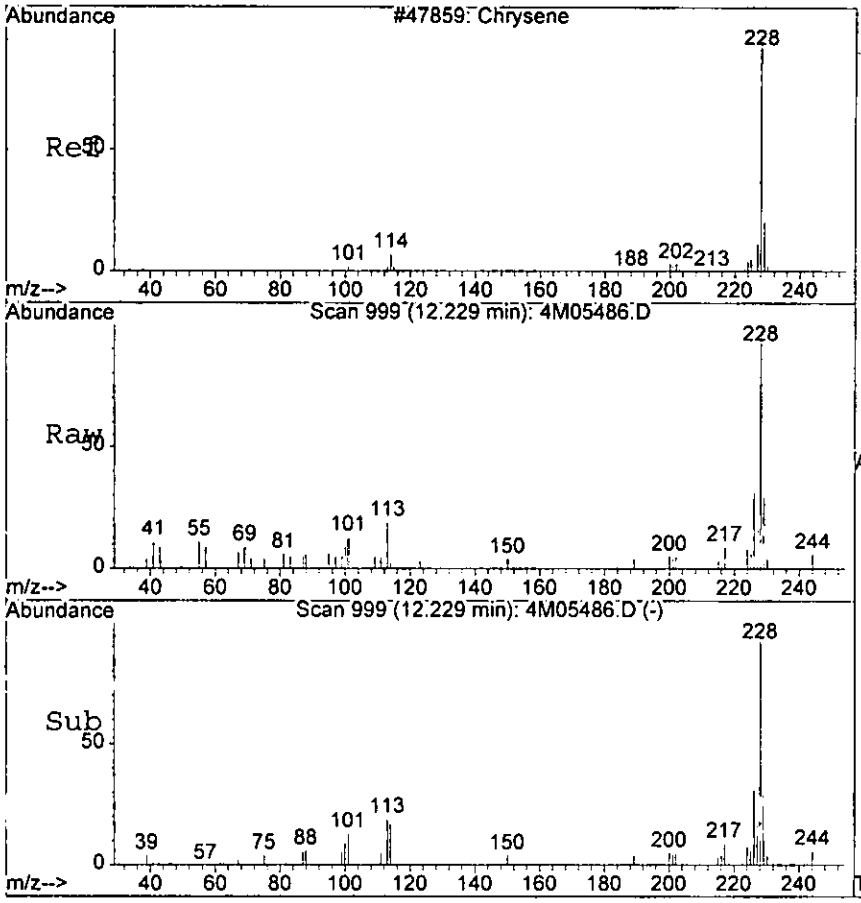


#78
Benzo[a]anthracene
Concen: 20.74 ng
RT: 12.19 min Scan# 995
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:228 Resp: 32793

Ion	Ratio	Lower	Upper
228	100		
229	19.7	0.0	60.5
226	29.7	0.0	69.0

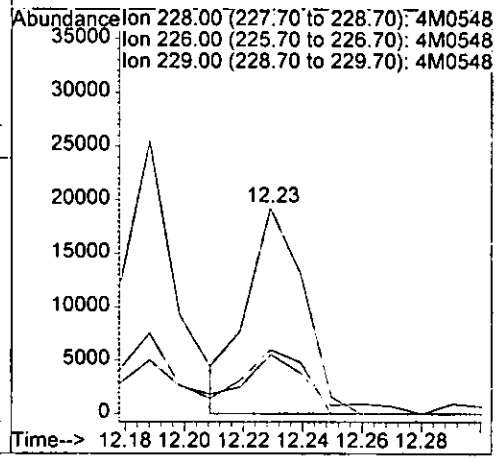




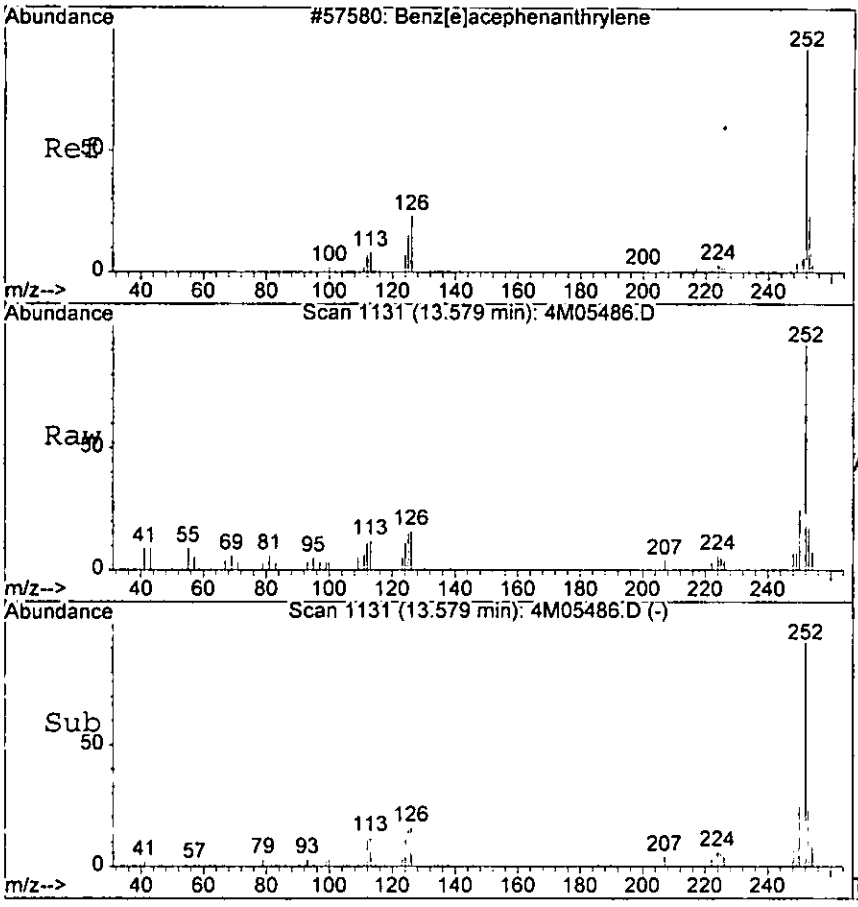
#79
Chrysene
Concen: 18.25 ng
RT: 12.23 min Scan# 999
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:228 Resp: 25586

Ion	Ratio	Lower	Upper
228	100		
226	31.1	12.0	52.0
229	25.2	0.0	61.1



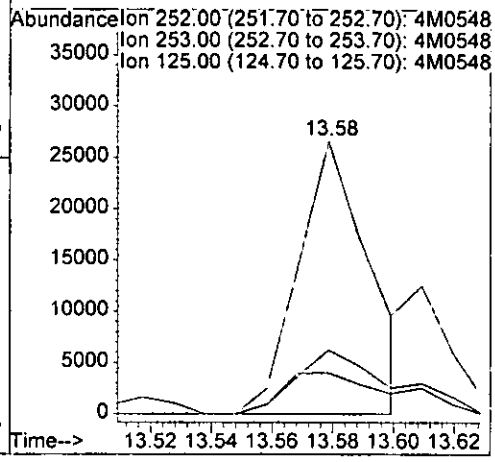
1486

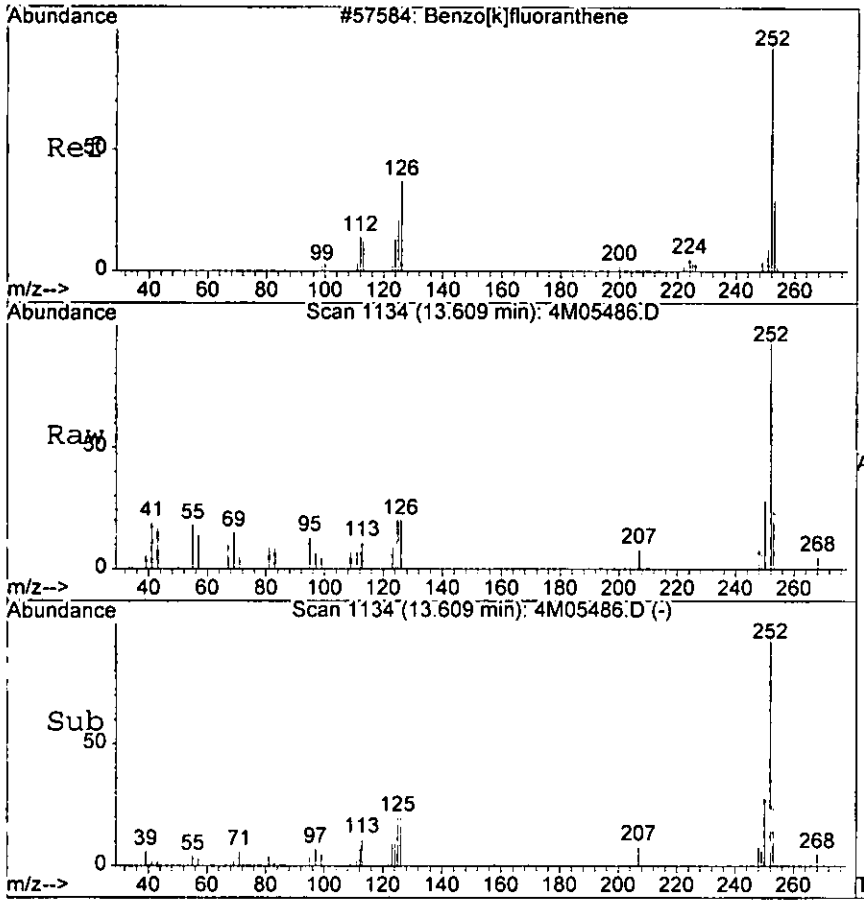


#83
Benzo[b]fluoranthene
Concen: 26.03 ng m
RT: 13.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:252 Resp: 42996

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	63.3
125	15.1	0.0	57.6

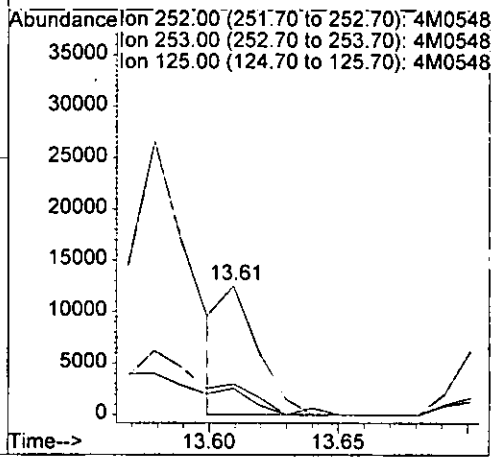




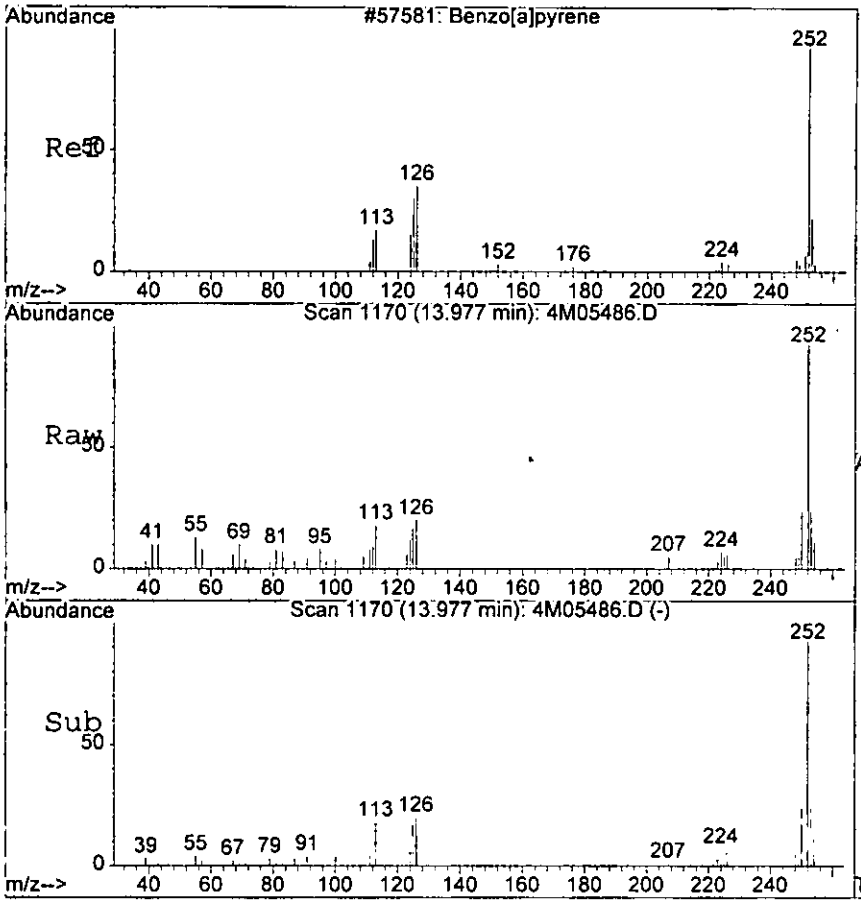
#84
Benzo[k]fluoranthene
Concen: 8.12 ng m
RT: 13.61 min Scan# 1134
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:252 Resp: 12271

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	63.5
125	20.3	0.0	53.8



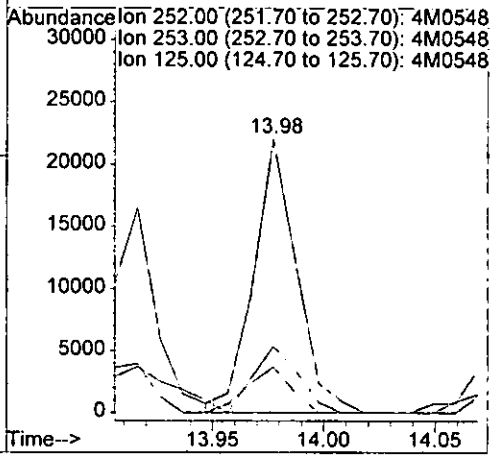
1905



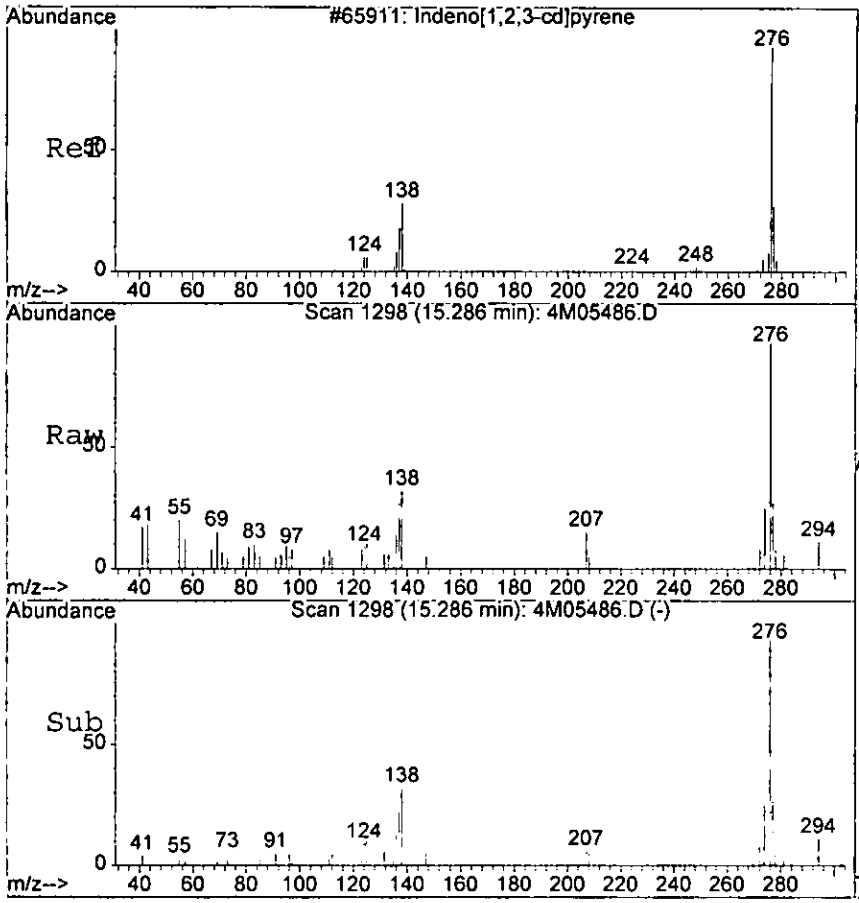
#85
Benzo[a]pyrene
Concen: 20.30 ng
RT: 13.98 min Scan# 1170
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:252 Resp: 29529

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	62.9
125	16.7	0.0	57.6



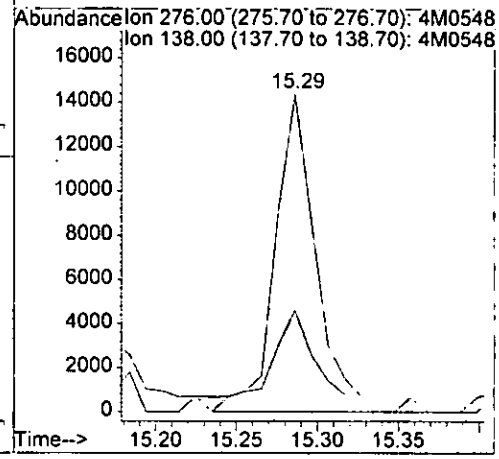
1986

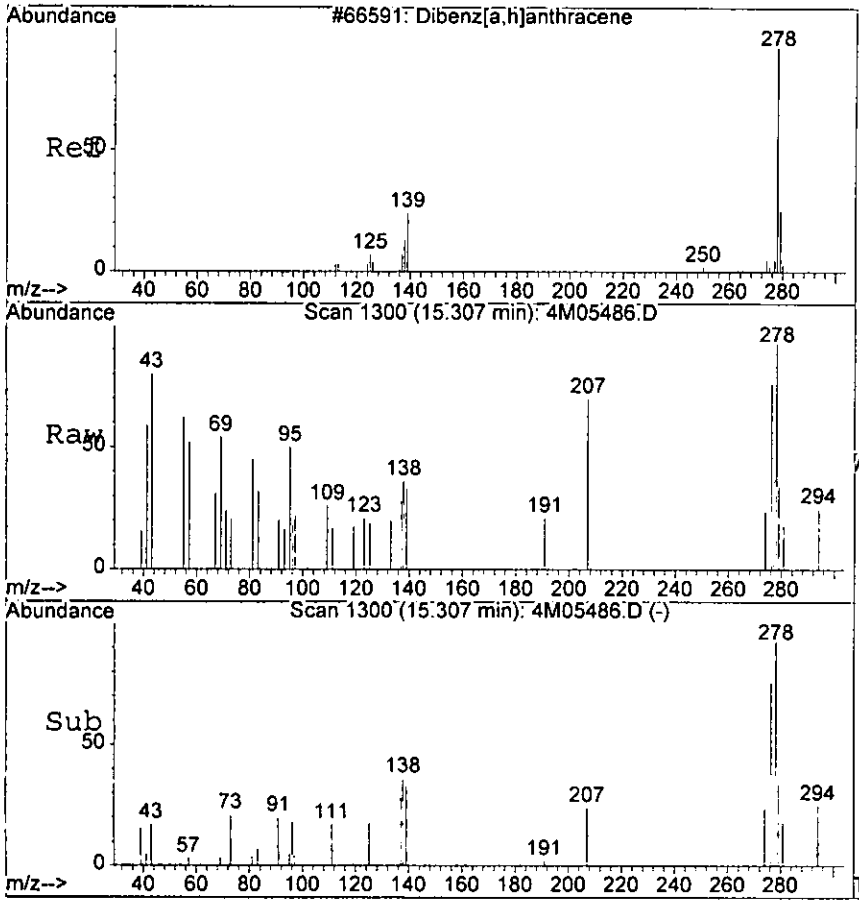


#86
Indeno[1,2,3-cd]pyrene
Concen: 15.18 ng
RT: 15.29 min Scan# 1298
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:276 Resp: 24893

Ion	Ratio	Lower	Upper
276	100		
138	32.0	0.0	73.4

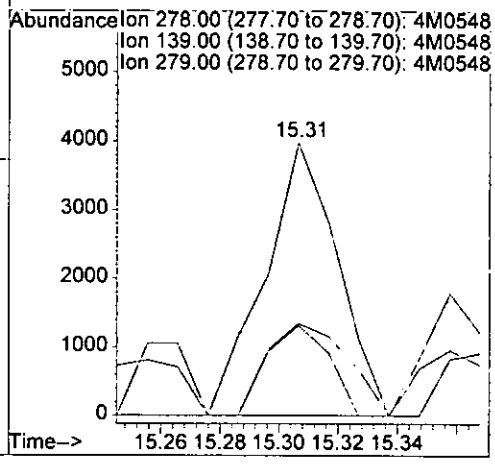


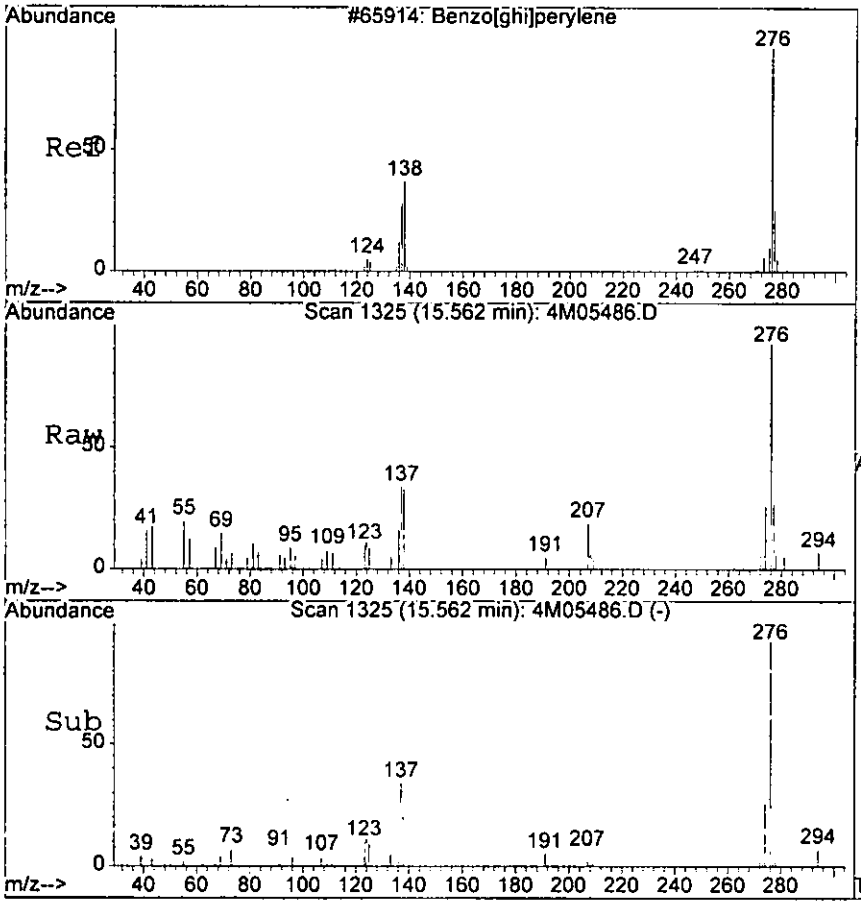


#87
Dibenzo[a,h]anthracene
Concen: 5.22 ng
RT: 15.31 min Scan# 1300
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:278 Resp: 6826

Ion	Ratio	Lower	Upper
278	100		
139	33.1	0.0	63.8
279	33.8	0.0	64.0

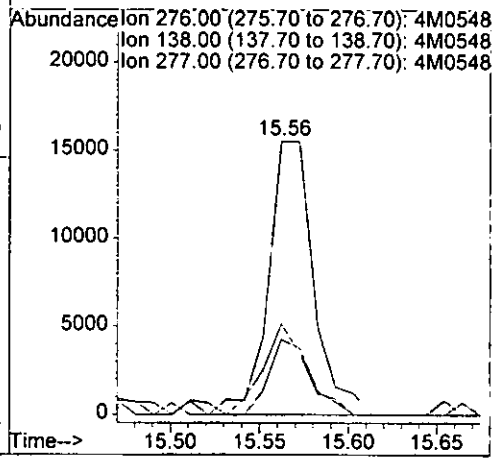




#88
Benzo[g,h,i]perylene
Concen: 19.99 ng
RT: 15.56 min Scan# 1325
Delta R.T. -0.00 min
Lab File: 4M05486.D
Acq: 10 Aug 2005 9:45

Tgt Ion:276 Resp: 27458

Ion	Ratio	Lower	Upper
276	100		
138	33.1	0.0	74.1
277	27.5	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

8496

Sample Number: AC18873-006(3X)
Client Id: PCSB-43(3.5')
Data File: 4M05487.D
Analysis Date: 08/10/05 10:09
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.032	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.036**	**3.5**
95-50-1	1,2-Dichlorobenzene	0.054	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.023**	**2.0**
122-66-7	1,2-Diphenylhydrazine	0.034	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.039**	**1.2**
541-73-1	1,3-Dichlorobenzene	0.050	U	111-91-1	bis(2-Chloroethoxy)methan	0.027	U
106-46-7	1,4-Dichlorobenzene	0.061	U	111-44-4	bis(2-Chloroethyl)ether	0.063	U
95-95-4	2,4,5-Trichlorophenol	1.6	U	108-60-1	bis(2-chloroisopropyl)ether	0.039	U
88-06-2	2,4,6-Trichlorophenol	2.9	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.11**	**0.31**
120-83-2	2,4-Dichlorophenol	0.19	U	85-68-7	Butylbenzylphthalate	0.048	U
105-67-9	2,4-Dimethylphenol	0.16	U	86-74-8	Carbazole	0.035	U
51-28-5	2,4-Dinitrophenol	0.81	U	**218-01-9**	**Chrysene**	**0.025**	**3.0**
121-14-2	2,4-Dinitrotoluene	0.044	U	84-74-2	Di-n-butylphthalate	0.027	U
606-20-2	2,6-Dinitrotoluene	0.049	U	117-84-0	Di-n-octylphthalate	0.028	U
91-58-7	2-Chloronaphthalene	0.033	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.042**	**0.71**
95-57-8	2-Chlorophenol	0.24	U	**132-64-9**	**Dibenzofuran**	**0.15**	**2.0**
91-57-6	**2-Methylnaphthalene**	**0.15**	**9.8**	84-66-2	Diethylphthalate	0.033	U
95-48-7	2-Methylphenol	0.57	U	131-11-3	Dimethylphthalate	0.027	U
88-74-4	2-Nitroaniline	0.084	U	**206-44-0**	**Fluoranthene**	**0.034**	**5.0**
88-75-5	2-Nitrophenol	0.14	U	**86-73-7**	**Fluorene**	**0.030**	**3.9**
106-44-5	3&4-Methylphenol	0.63	U	118-74-1	Hexachlorobenzene	0.055	U
91-94-1	3,3'-Dichlorobenzidine	0.26	U	87-68-3	Hexachlorobutadiene	0.051	U
99-09-2	3-Nitroaniline	0.49	U	77-47-4	Hexachlorocyclopentadiene	0.32	U
534-52-1	4,6-Dinitro-2-methylphenol	0.23	U	67-72-1	Hexachloroethane	0.089	U
101-55-3	4-Bromophenyl-phenylether	0.046	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.016**	**1.8**
59-50-7	4-Chloro-3-methylphenol	0.30	U	78-59-1	Isophorone	0.037	U
106-47-8	4-Chloroaniline	0.92	U	621-64-7	N-Nitroso-di-n-propylamine	0.057	U
7005-72-3	4-Chlorophenyl-phenylether	0.055	U	62-75-9	N-Nitrosodimethylamine	1.4	U
100-01-6	4-Nitroaniline	0.29	U	86-30-6	n-Nitrosodiphenylamine	0.057	U
100-02-7	4-Nitrophenol	0.21	U	**91-20-3**	**Naphthalene**	**0.028**	**3.1**
83-32-9	**Acenaphthene**	**0.050**	**3.1**	98-95-3	Nitrobenzene	0.047	U
208-96-8	Acenaphthylene	0.028	U	87-86-5	Pentachlorophenol	0.15	U
120-12-7	**Anthracene**	**0.031**	**1.5**	**85-01-8**	**Phenanthrene**	**0.027**	**6.9**
92-87-5	Benzidine	0.27	U	108-95-2	Phenol	0.18	U
56-55-3	**Benzo[a]anthracene**	**0.021**	**2.9**	**129-00-0**	**Pyrene**	**0.028**	**4.7**
50-32-8	**Benzo[a]pyrene**	**0.027**	**2.8**				

Worksheet #: 18319

Total Target Concentration 58.22

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05487.D Vial: 21
Acq On : 10 Aug 2005 10:09 Operator: AHD
Sample : AC18873-006(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:33 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	38382	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	96365	40.00	ng	0.00
35) Acenaphthene-d10	7.43	164	46329	40.00	ng	0.01
59) Phenanthrene-d10	9.02	188	71970	40.00	ng	0.01
72) Chrysene-d12	12.20	240	48056	40.00	ng	0.00
81) Perylene-d12	14.05	264	39249	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	72593	68.01	ng	0.00
Spiked Amount 200.000			Recovery = 34.01%			
7) Phenol-d5	4.58	99	91179	68.03	ng	0.00
Spiked Amount 200.000			Recovery = 34.02%			
20) Nitrobenzene-d5	5.30	128	19123	41.04	ng	0.00
Spiked Amount 100.000			Recovery = 41.04%			
40) 2-Fluorobiphenyl	6.78	172	56097	35.41	ng	0.00
Spiked Amount 100.000			Recovery = 35.41%			
62) 2,4,6-Tribromophenol	8.26	332	22590	62.34	ng	0.01
Spiked Amount 200.000			Recovery = 31.17%			
75) Terphenyl-d14	10.92	244	38357	28.17	ng	0.00
Spiked Amount 100.000			Recovery = 28.17%			
Target Compounds						Qvalue
29) Naphthalene	5.87	128	59429	26.08	ng	89
33) 2-Methylnaphthalene	6.46	142	120651	82.31	ng	99
49) Acenaphthene	7.46	153	34626	26.12	ng	95
52) Dibenzofuran	7.63	168	27338	16.87	ng	66
55) Fluorene	7.99	166	41193	33.14	ng	91
67) Phenanthrene	9.05	178	106869	58.23	ng	99
68) Anthracene	9.11	178	22864	12.51	ng	74
71) Fluoranthene	10.43	202	68042	42.09	ng	87
73) Pyrene	10.69	202	76281	39.68	ng	97
78) Benzo[a]anthracene	12.19	228	37979	24.59	ng	93
79) Chrysene	12.23	228	34106	24.91	ng	93
80) bis(2-Ethylhexyl)phthalate	12.33	149	3918	2.57	ng	65
83) Benzo[b]fluoranthene	13.58	252	42115m	29.02	ng	
84) Benzo[k]fluoranthene	13.61	252	13271m	10.00	ng	
85) Benzo[a]pyrene	13.98	252	30280	23.70	ng	97
86) Indeno[1,2,3-cd]pyrene	15.29	276	21429	14.88	ng	89
87) Dibenzo[a,h]anthracene	15.32	278	6827	5.94	ng	74
88) Benzo[g,h,i]perylene	15.57	276	19960	16.54	ng	89

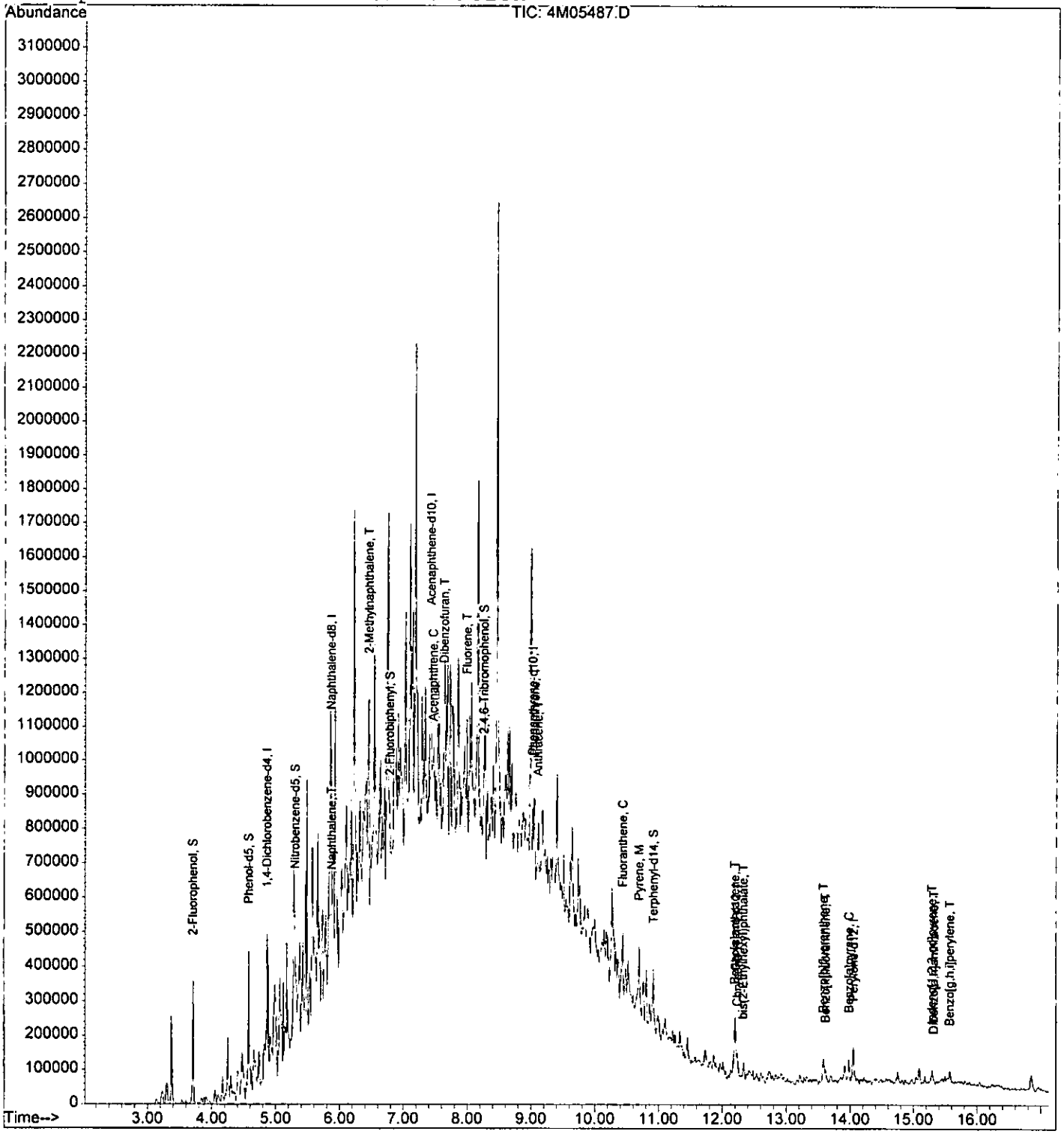
(#) = qualifier out of range (m) = manual integration

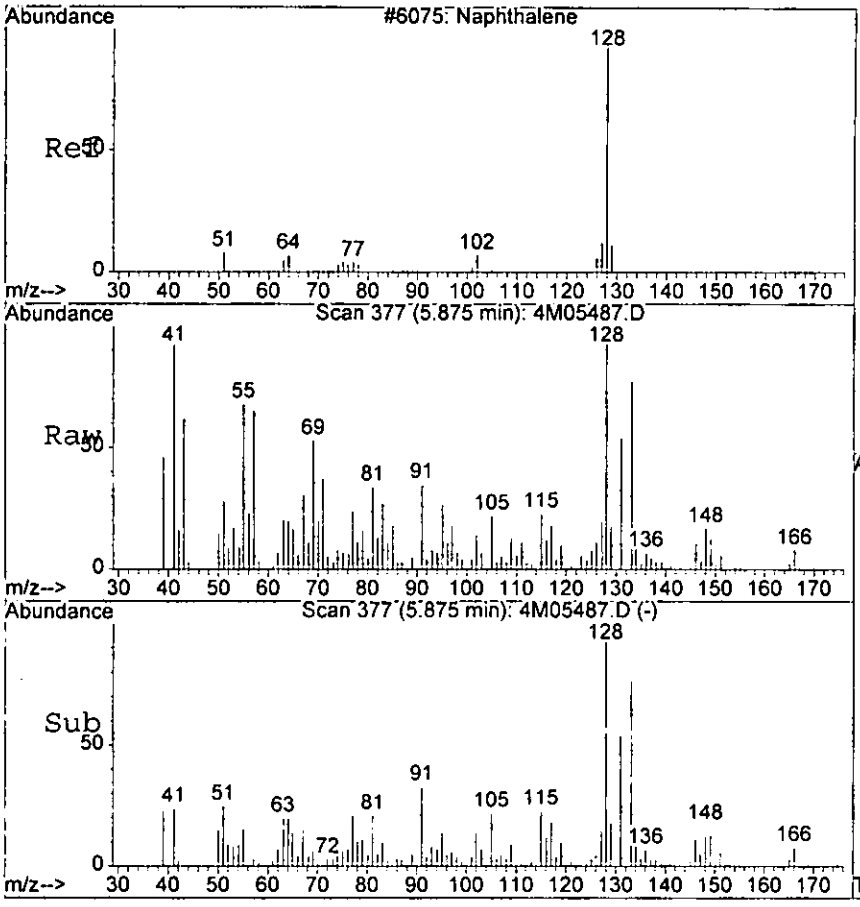
8/16/05

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05487.D Vial: 21
Acq On : 10 Aug 2005 10:09 Operator: AHD
Sample : AC18873-006(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:33 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

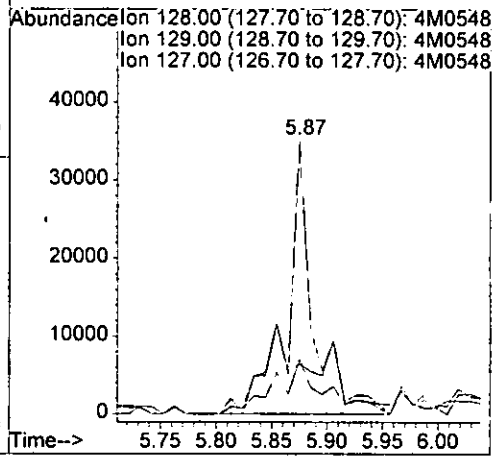




#29
Naphthalene
Concen: 26.08 ng
RT: 5.87 min Scan# 377
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

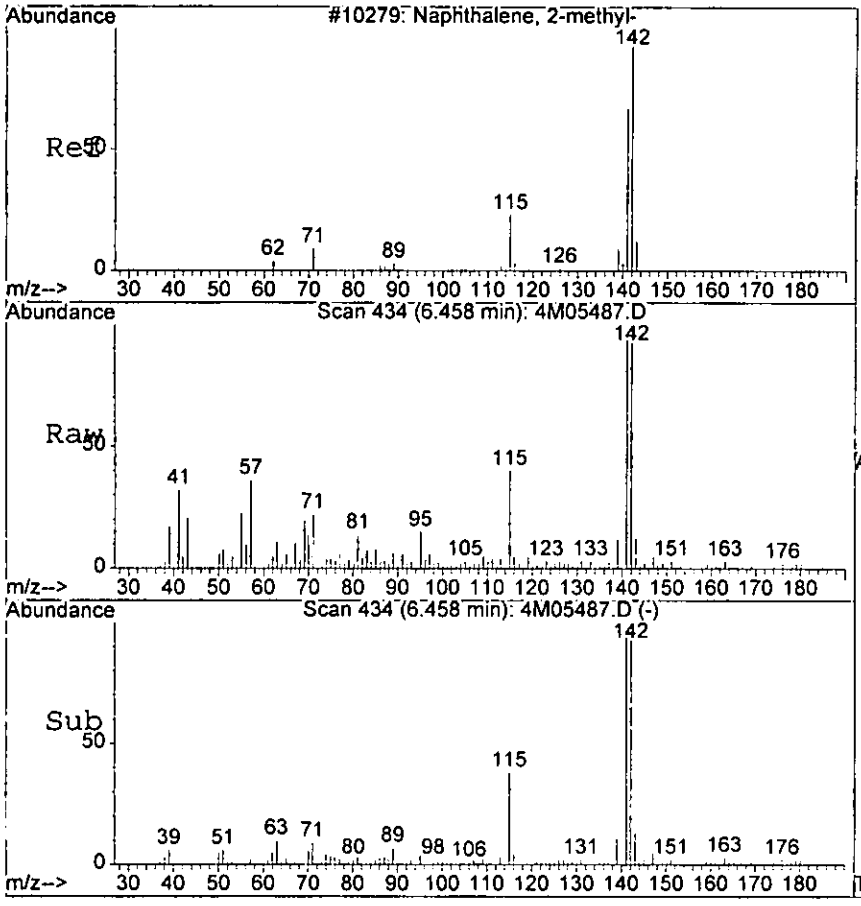
Tgt Ion:128 Resp: 59429

Ion	Ratio	Lower	Upper
128	100		
129	18.4	0.0	51.8
127	19.8	0.0	57.0



8548

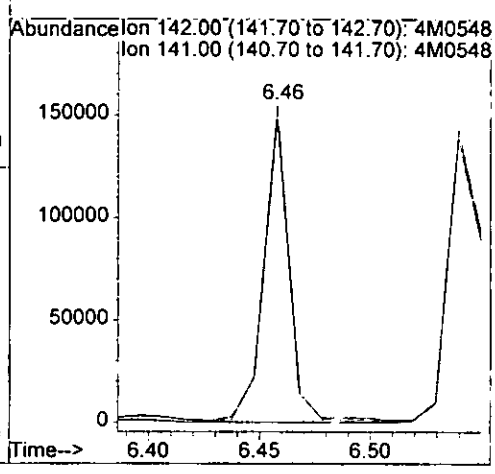
1806

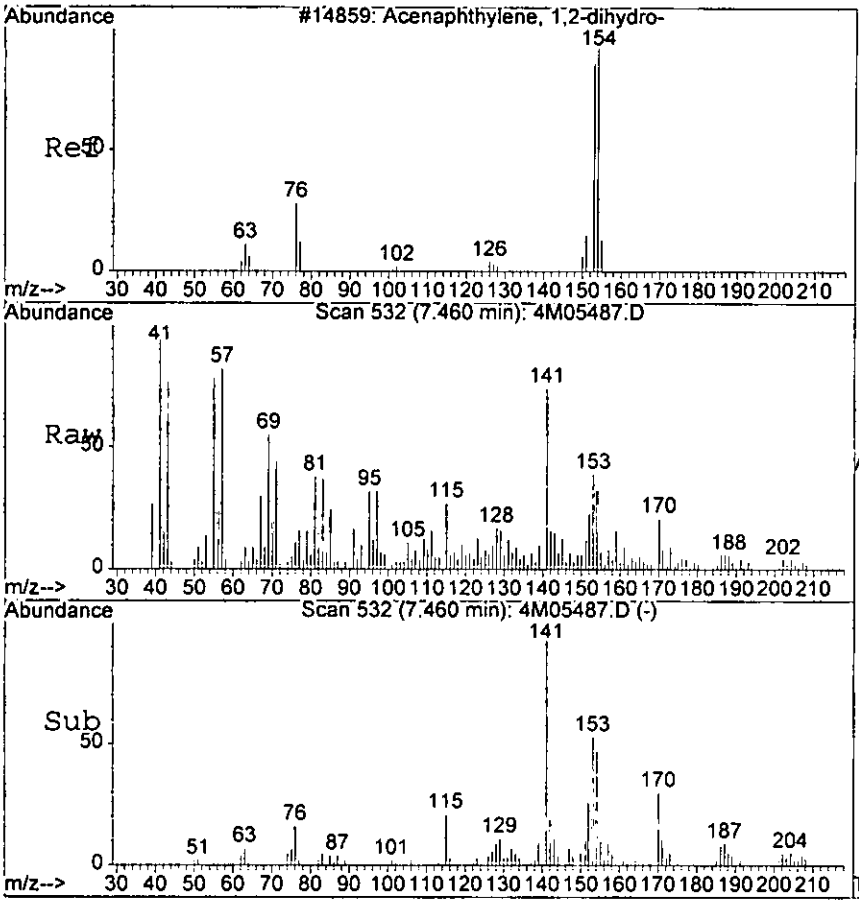


#33
2-Methylnaphthalene
Concen: 82.31 ng
RT: 6.46 min Scan# 434
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:142 Resp: 120651

Ion	Ratio	Lower	Upper
142	100		
141	95.2	55.7	135.7

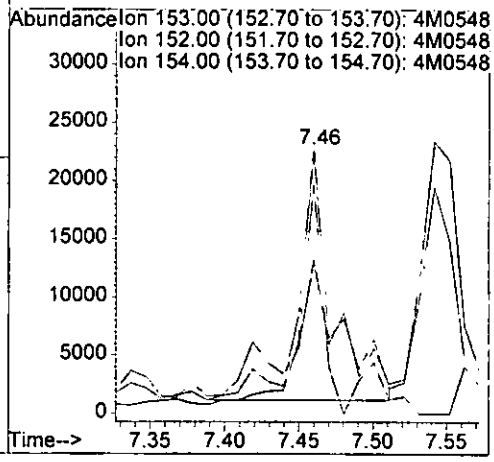


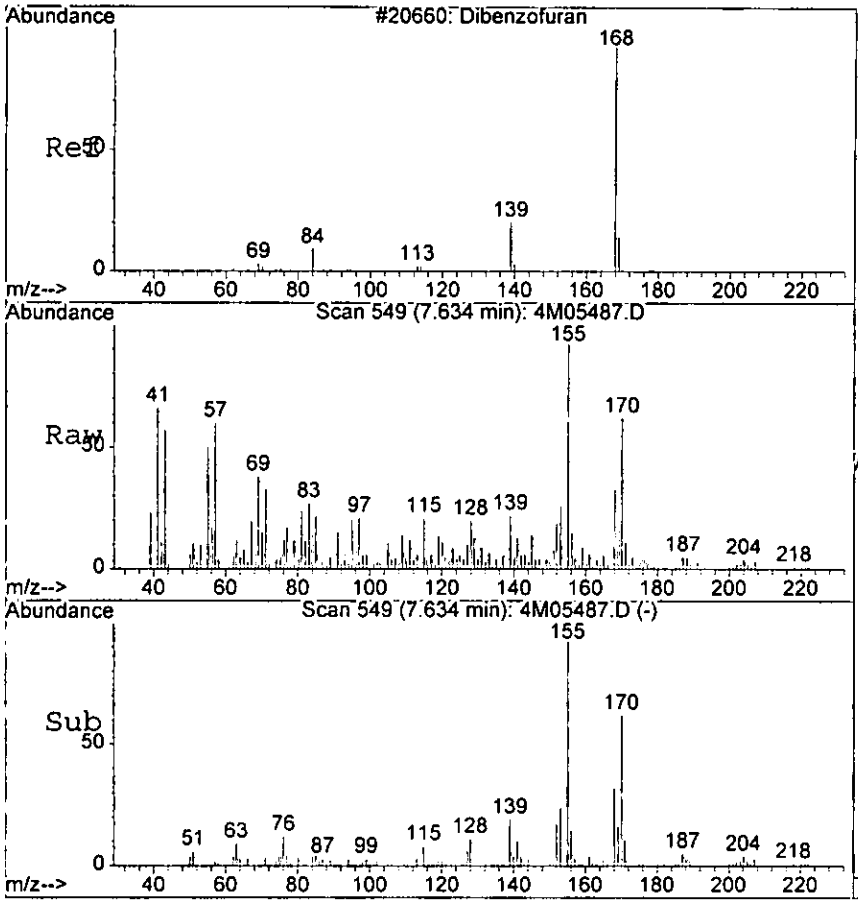


#49
Acenaphthene
Concen: 26.12 ng
RT: 7.46 min Scan# 532
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:153 Resp: 34626

Ion	Ratio	Lower	Upper
153	100		
152	54.6	8.3	88.3
154	87.9	45.1	125.1

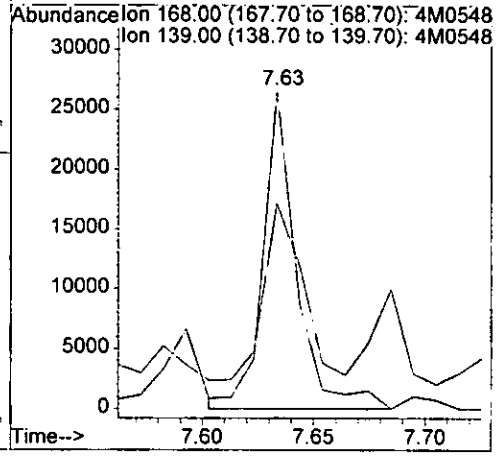




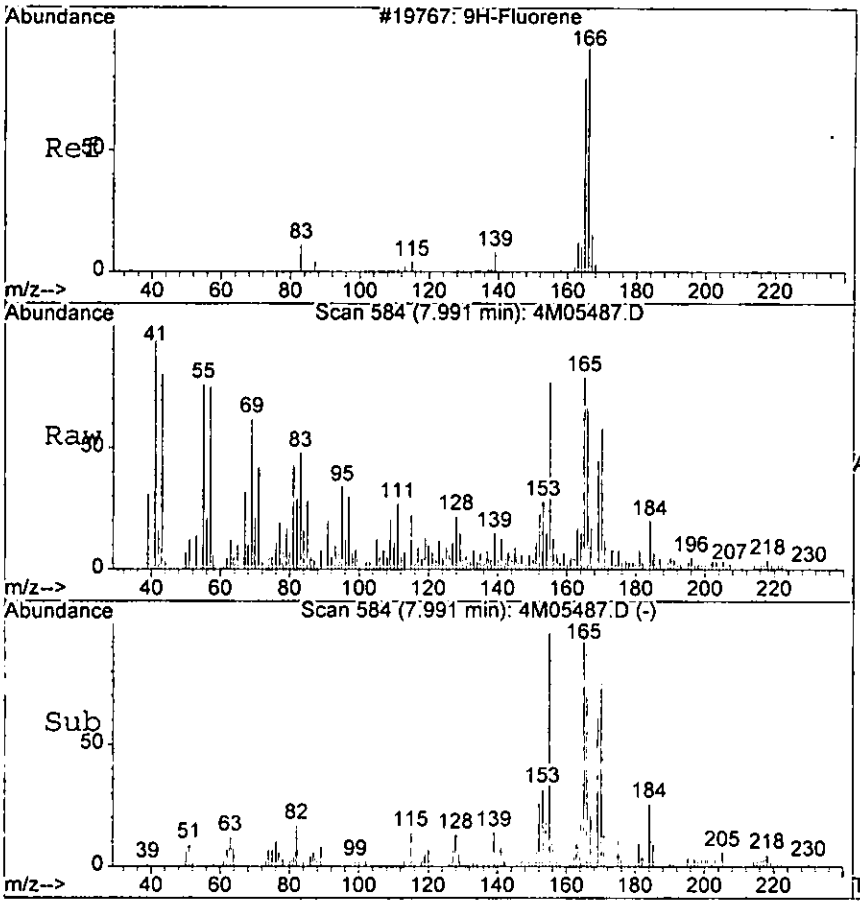
#52
Dibenzofuran
Concen: 16.87 ng
RT: 7.63 min Scan# 549
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:168 Resp: 27338

Ion	Ratio	Lower	Upper
168	100		
139	55.8	6.0	66.0



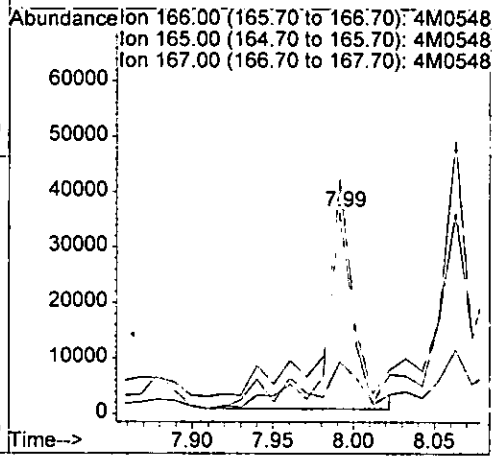
L8105



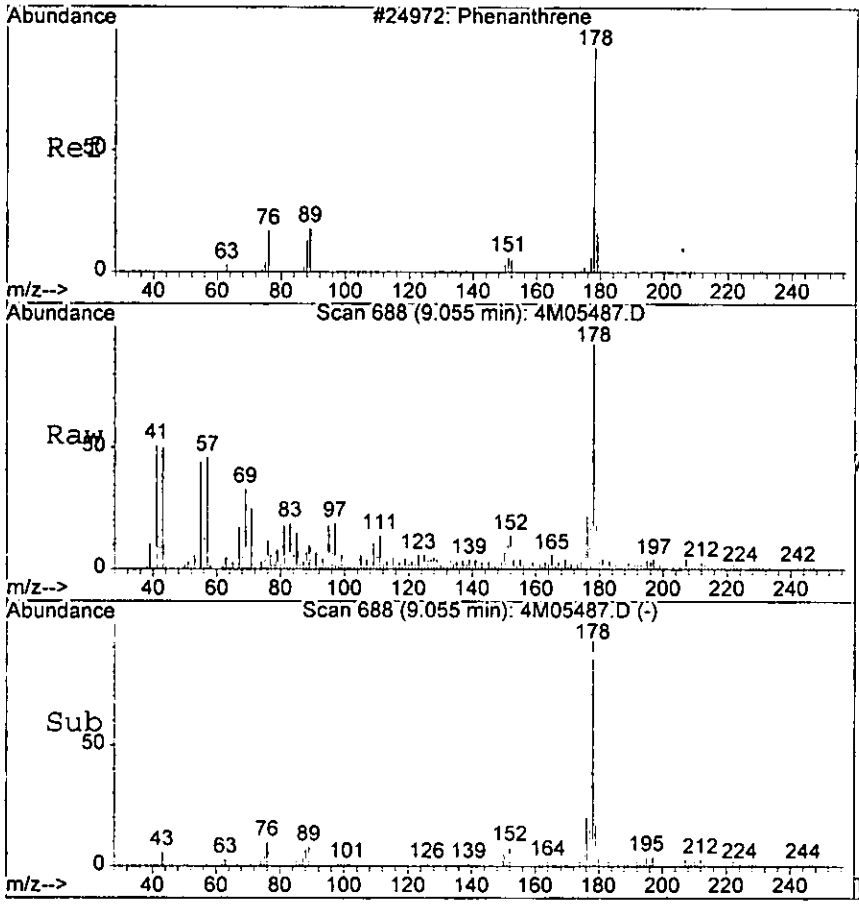
#55
Fluorene
Concen: 33.14 ng
RT: 7.99 min Scan# 584
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:166 Resp: 41193

Ion	Ratio	Lower	Upper
166	100		
165	111.0	63.3	143.3
167	23.8	0.0	54.6



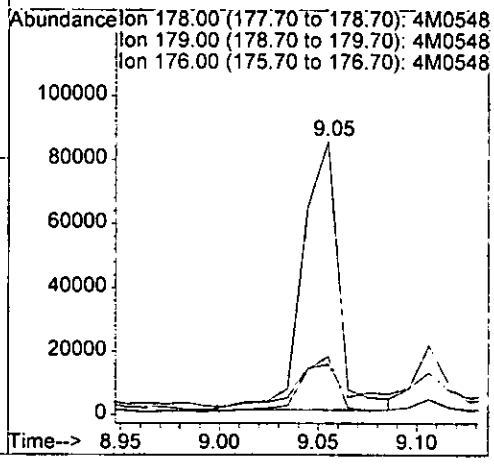
1905

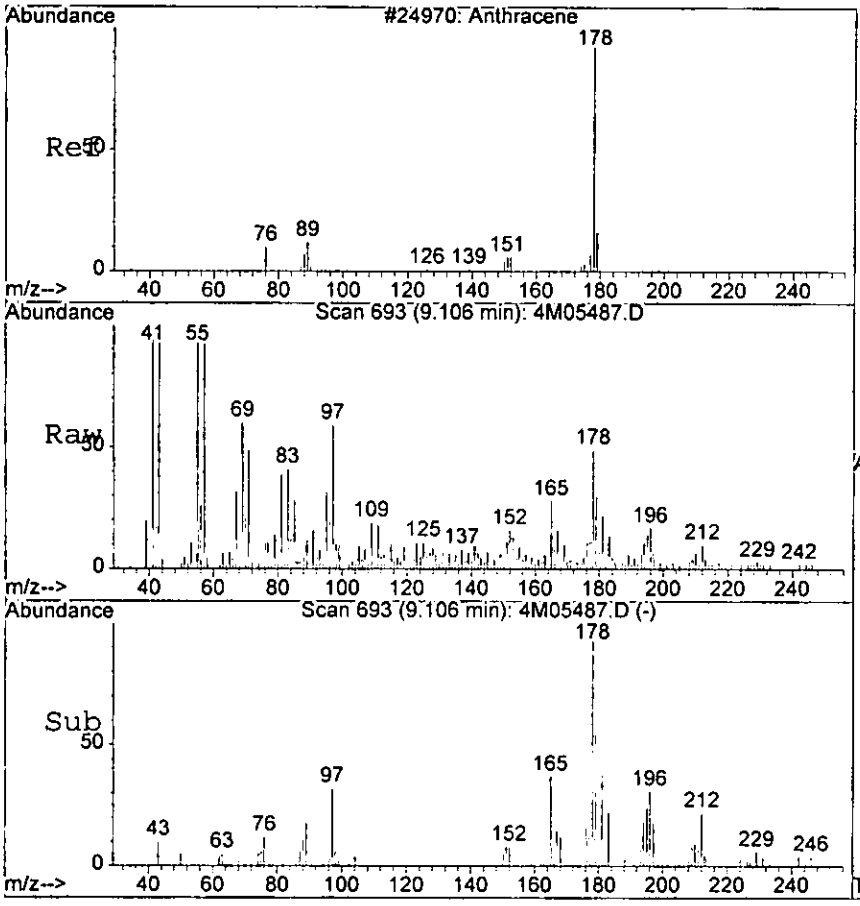


#67
Phenanthrene
Concen: 58.23 ng
RT: 9.05 min Scan# 688
Delta R.T. 0.01 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:178 Resp: 106869

Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	56.6
176	20.8	0.0	60.5

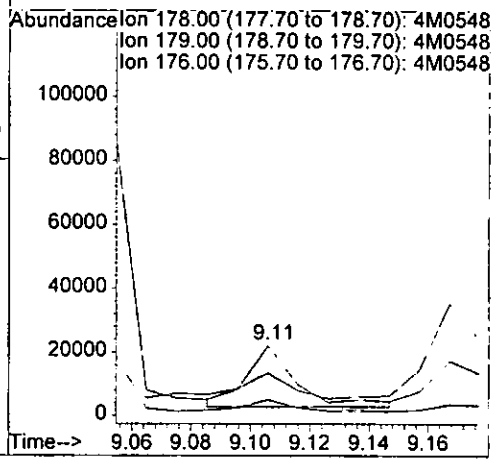


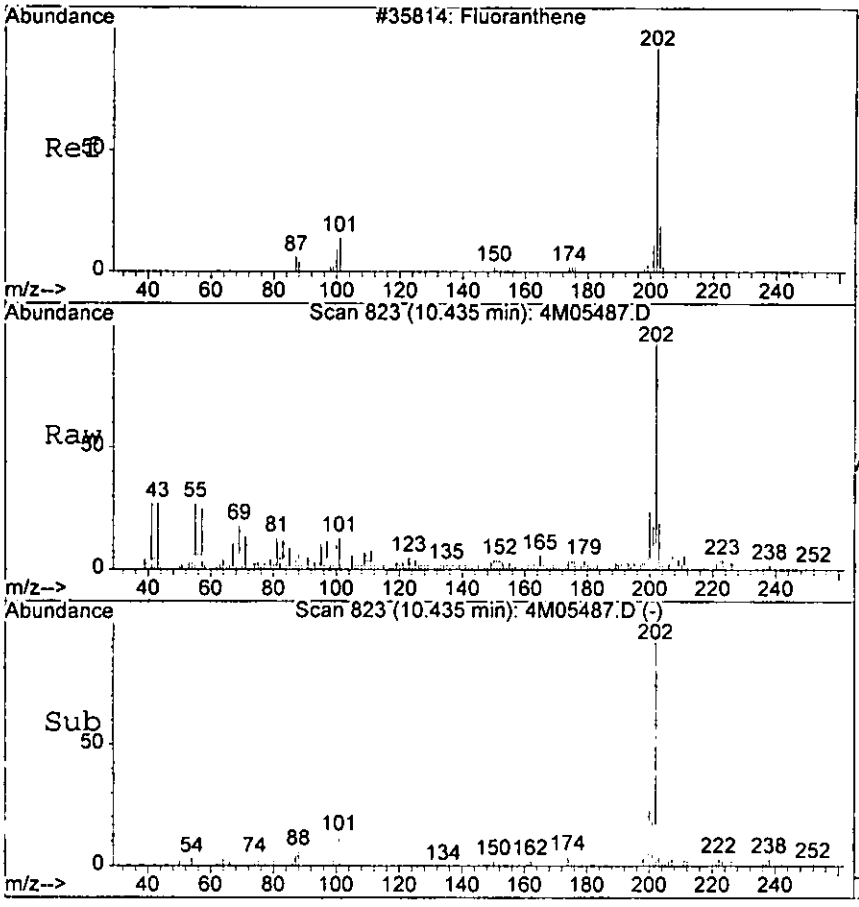


#68
Anthracene
Concen: 12.51 ng
RT: 9.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:178 Resp: 22864

Ion	Ratio	Lower	Upper
178	100		
179	40.9	0.0	56.6
176	20.6	0.0	60.2

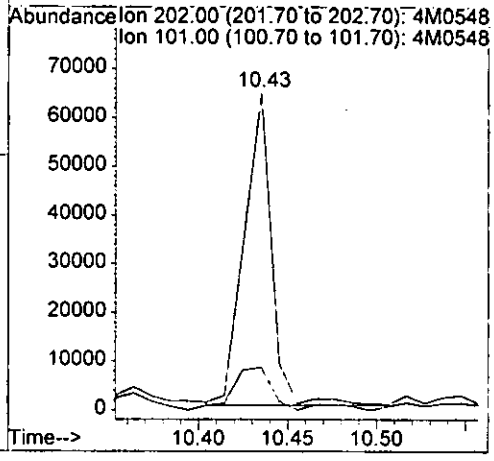


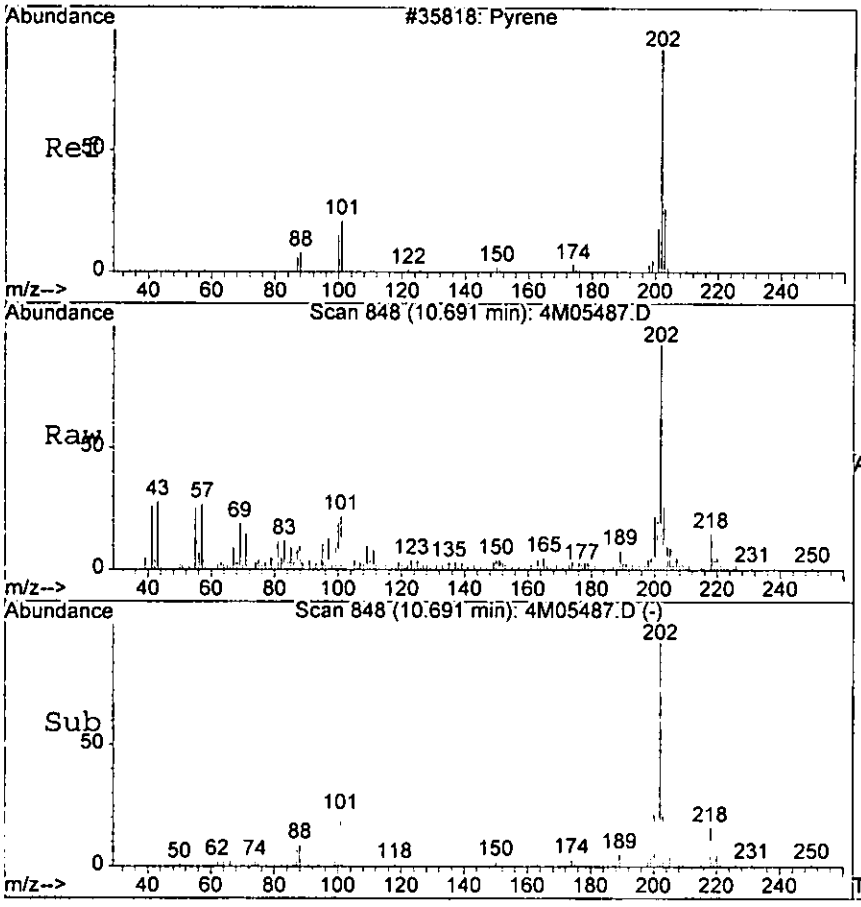


#71
Fluoranthene
Concen: 42.09 ng
RT: 10.43 min Scan# 823
Delta R.T. 0.01 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:202 Resp: 68042

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	58.3

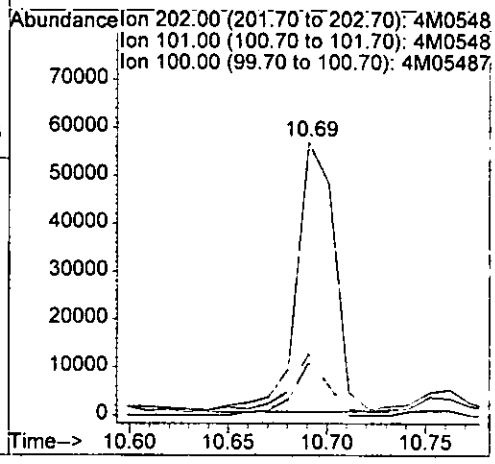


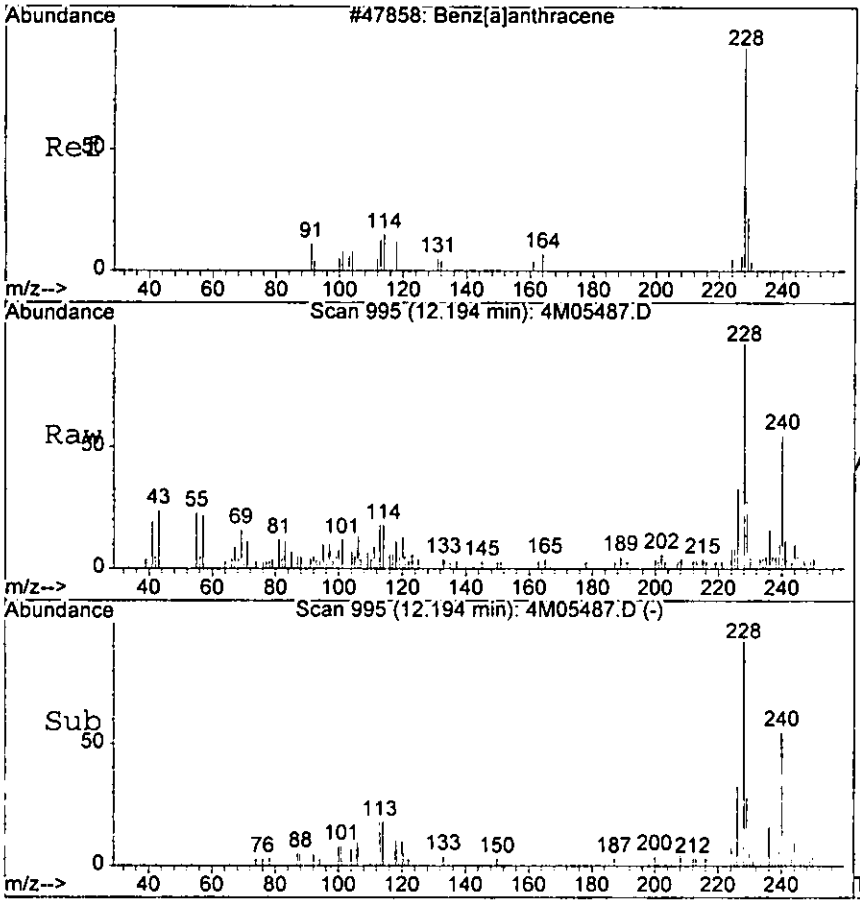


#73
Pyrene
Concen: 39.68 ng
RT: 10.69 min Scan# 848
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:202 Resp: 76281

Ion	Ratio	Lower	Upper
202	100		
101	21.1	0.0	62.7
100	19.5	0.0	60.5

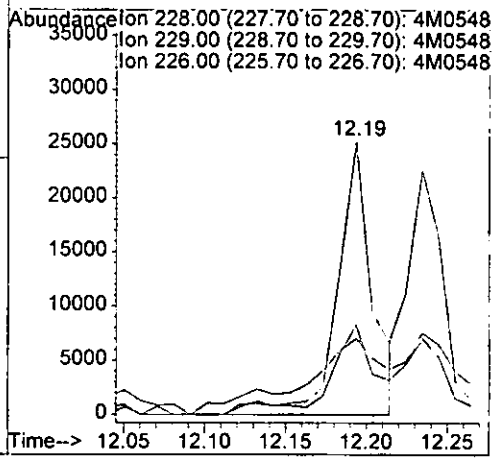


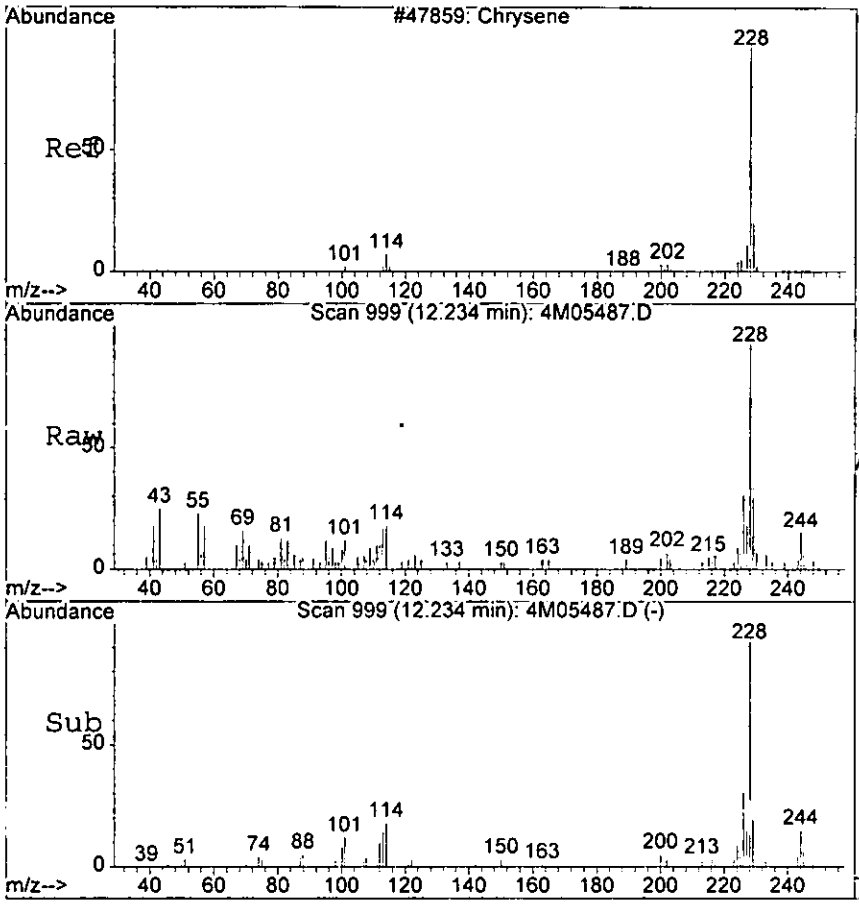


#78
Benzo[a]anthracene
Concen: 24.59 ng
RT: 12.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:228 Resp: 37979

Ion	Ratio	Lower	Upper
228	100		
229	23.7	0.0	60.5
226	32.7	0.0	69.0

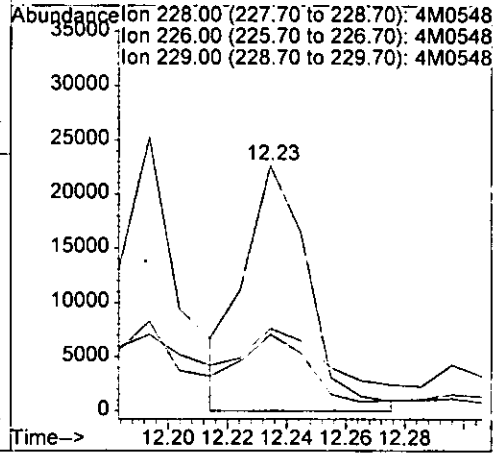


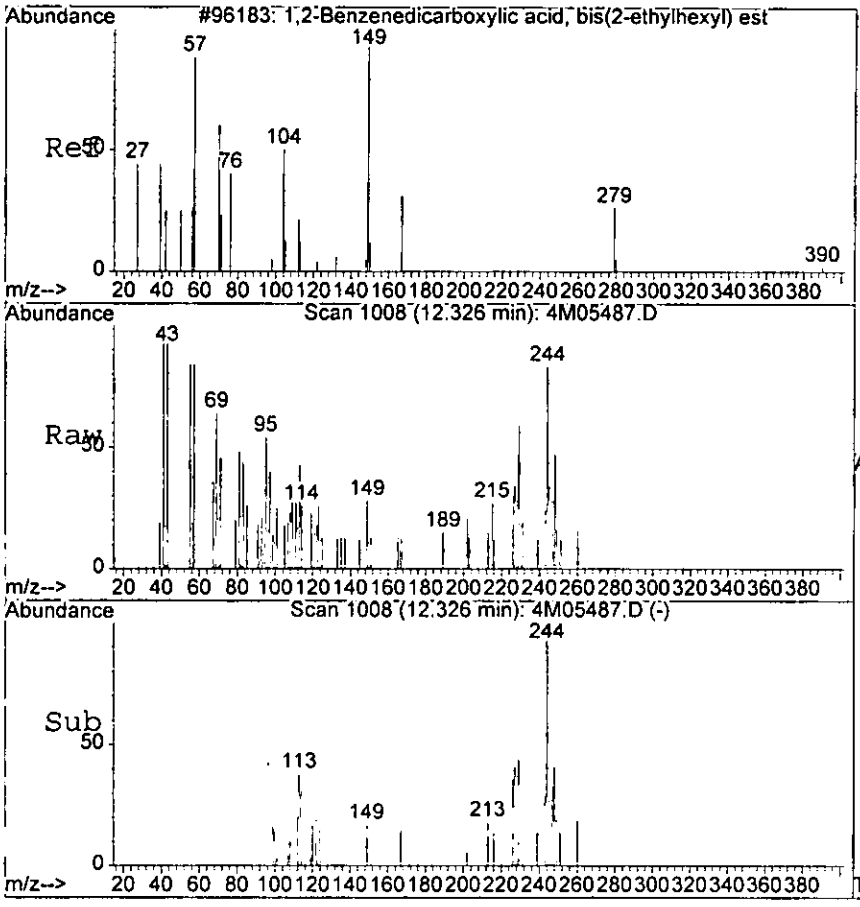


#79
Chrysene
Concen: 24.91 ng
RT: 12.23 min Scan# 999
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:228 Resp: 34106

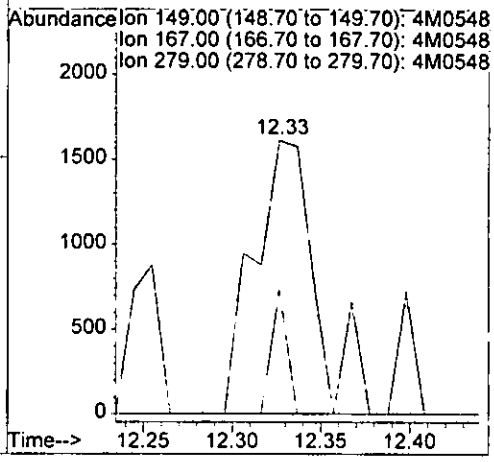
Ion	Ratio	Lower	Upper
228	100		
226	28.1	12.0	52.0
229	23.8	0.0	61.1

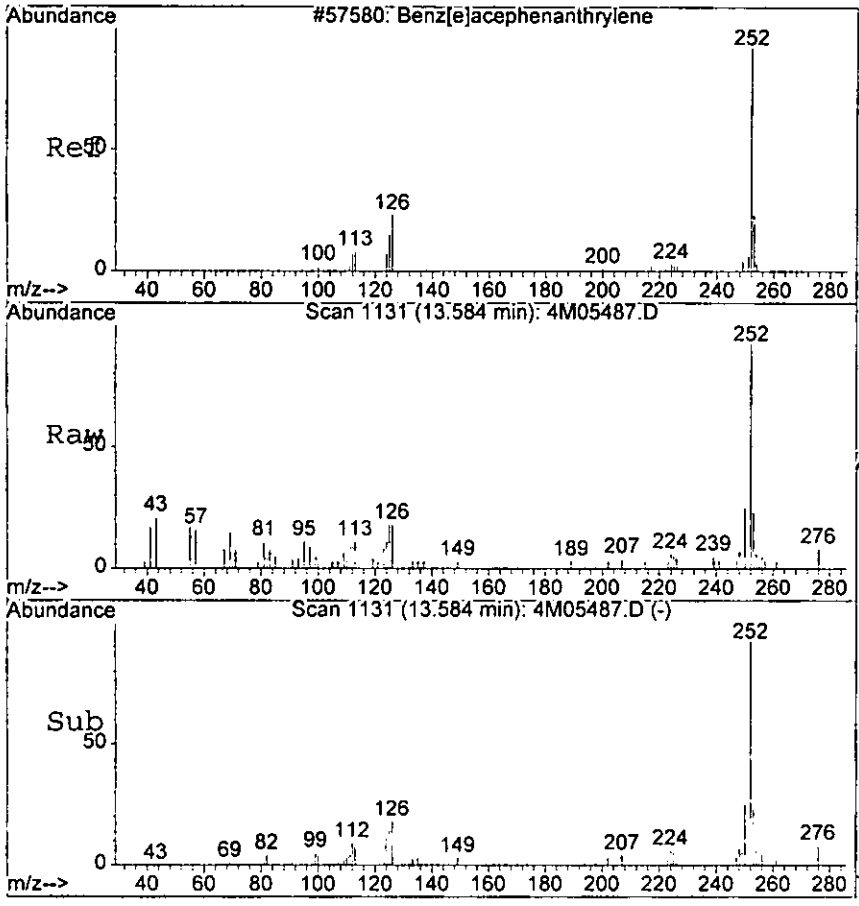




#80
bis(2-Ethylhexyl)phthalate
Concen: 2.57 ng
RT: 12.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

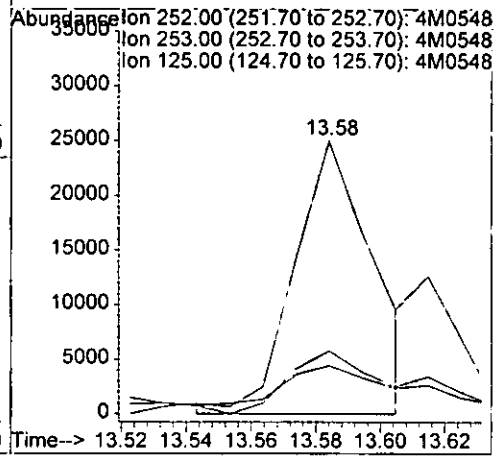
Tgt Ion:149	Resp:	3918	
Ion	Ratio	Lower	Upper
149	100		
167	45.6	0.0	53.9
279	0.0	0.0	43.5

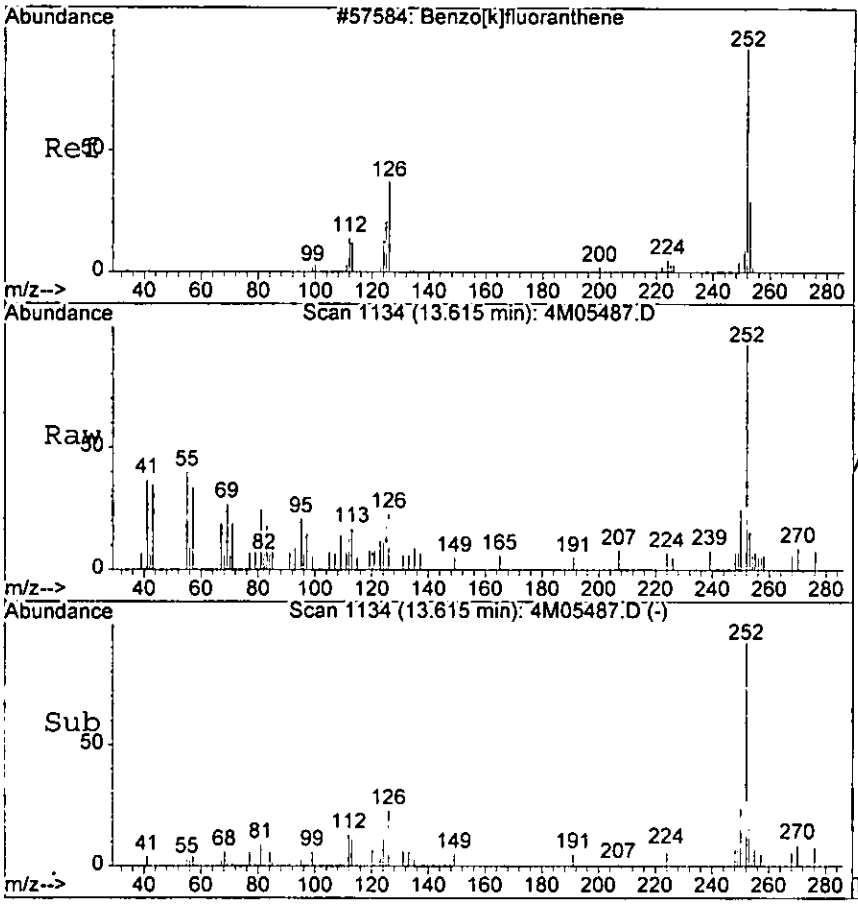




#83
Benzo[b]fluoranthene
Concen: 29.02 ng m
RT: 13.58 min Scan# 1131
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:252	Resp:	42115	
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	63.3
125	17.5	0.0	57.6

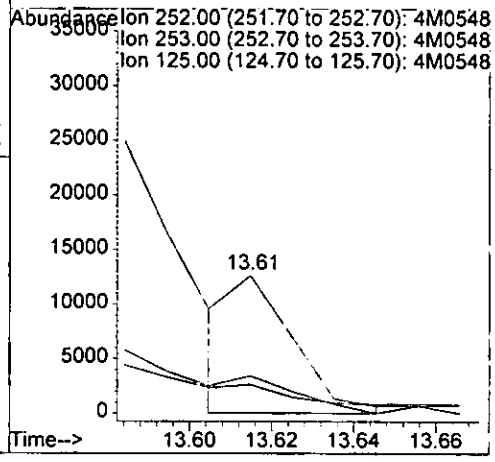


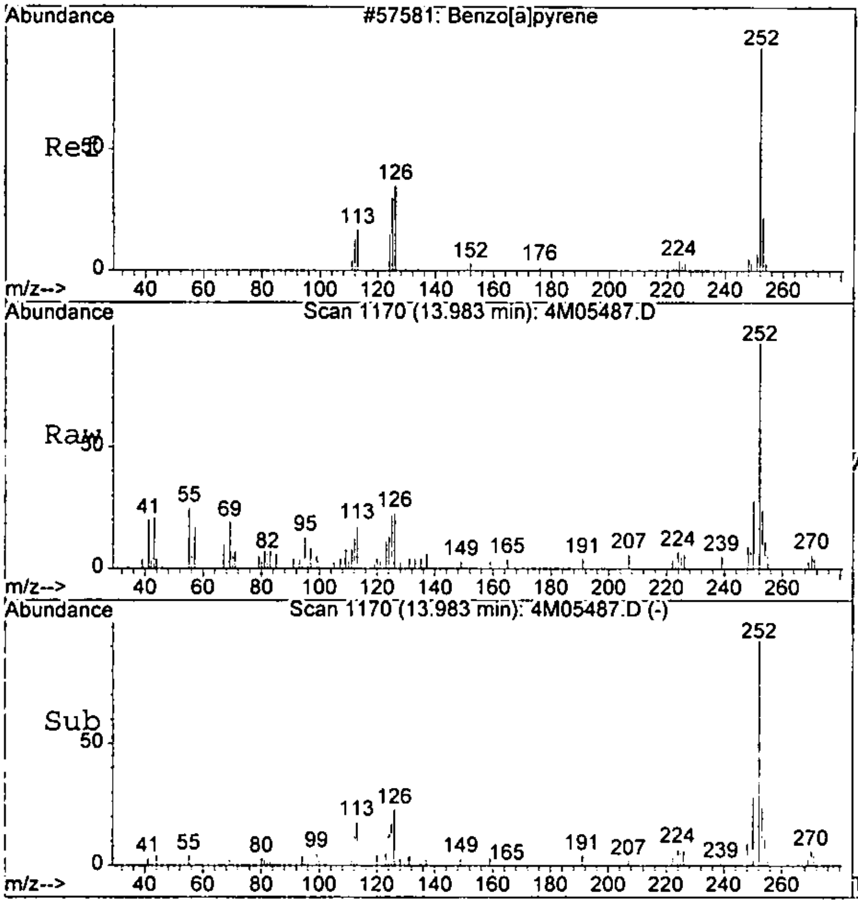


#84
Benzo[k]fluoranthene
Concen: 10.00 ng m
RT: 13.61 min Scan# 1134
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:252 Resp: 13271

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	63.5
125	20.8	0.0	53.8

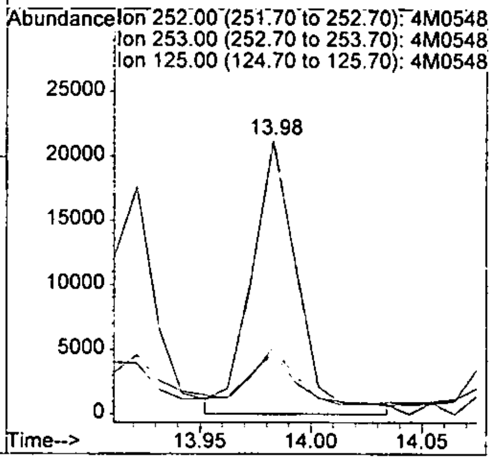


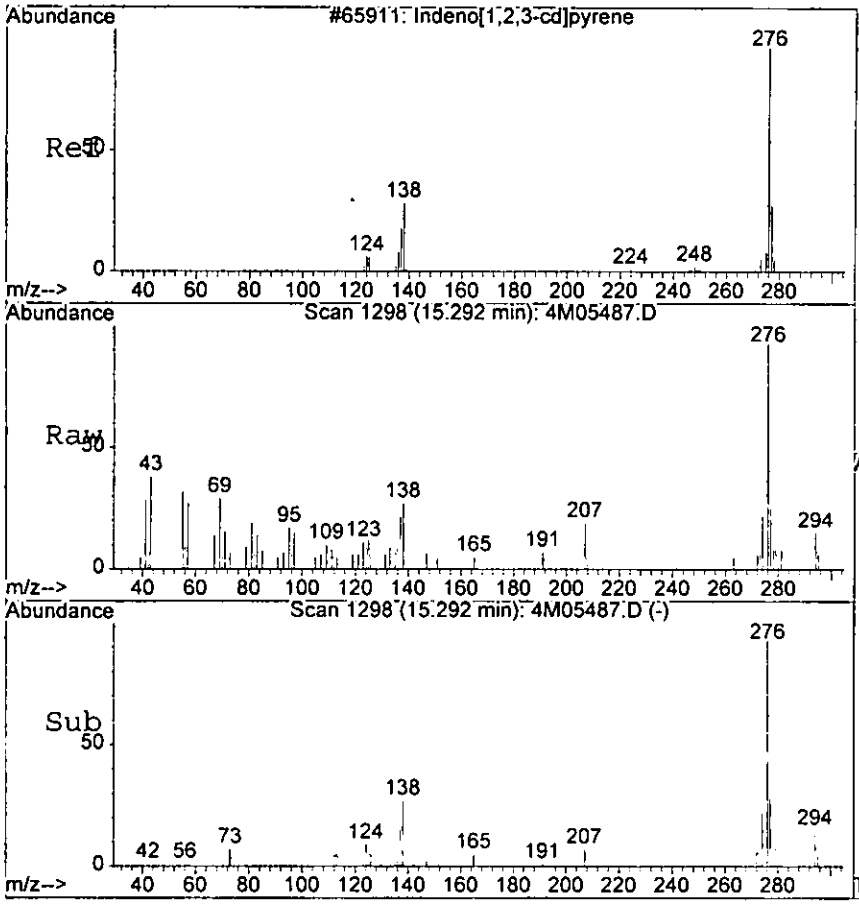


#85
Benzo[a]pyrene
Concen: 23.70 ng
RT: 13.98 min Scan# 1170
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:252 Resp: 30280

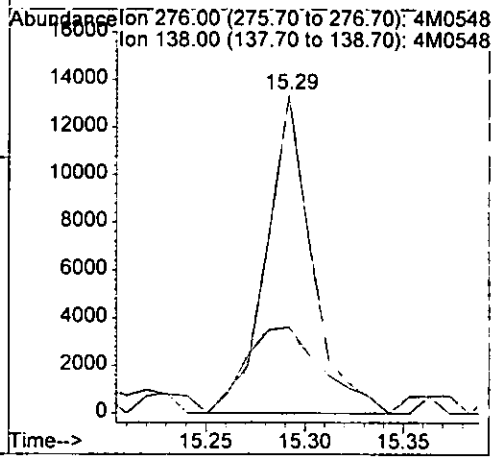
Ion	Ratio	Lower	Upper
252	100		
253	21.2	0.0	62.9
125	18.7	0.0	57.6

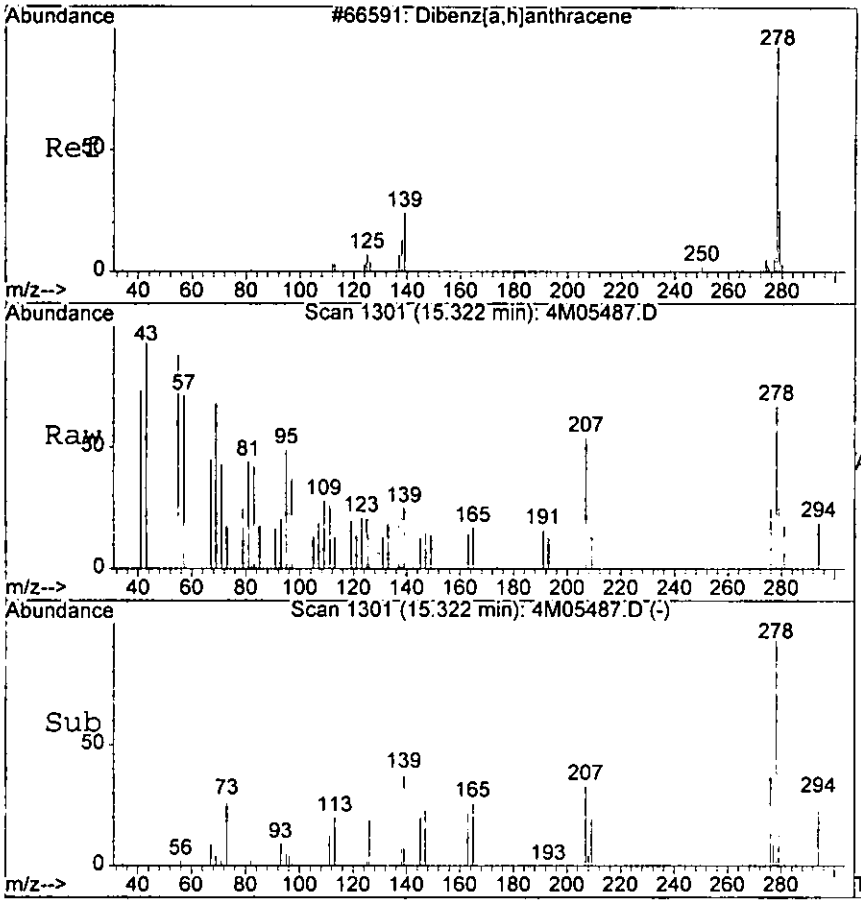




#86
Indeno[1,2,3-cd]pyrene
Concen: 14.88 ng
RT: 15.29 min Scan# 1298
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:276	Resp:	21429	
Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	73.4

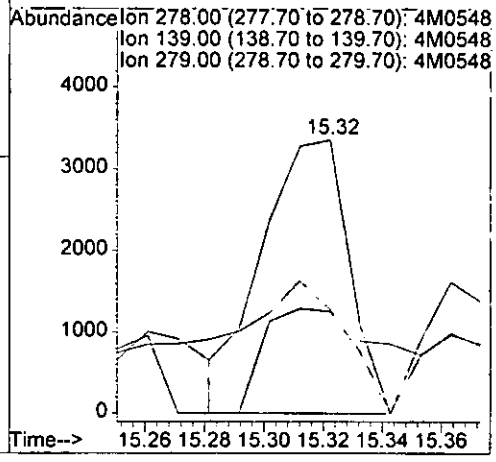


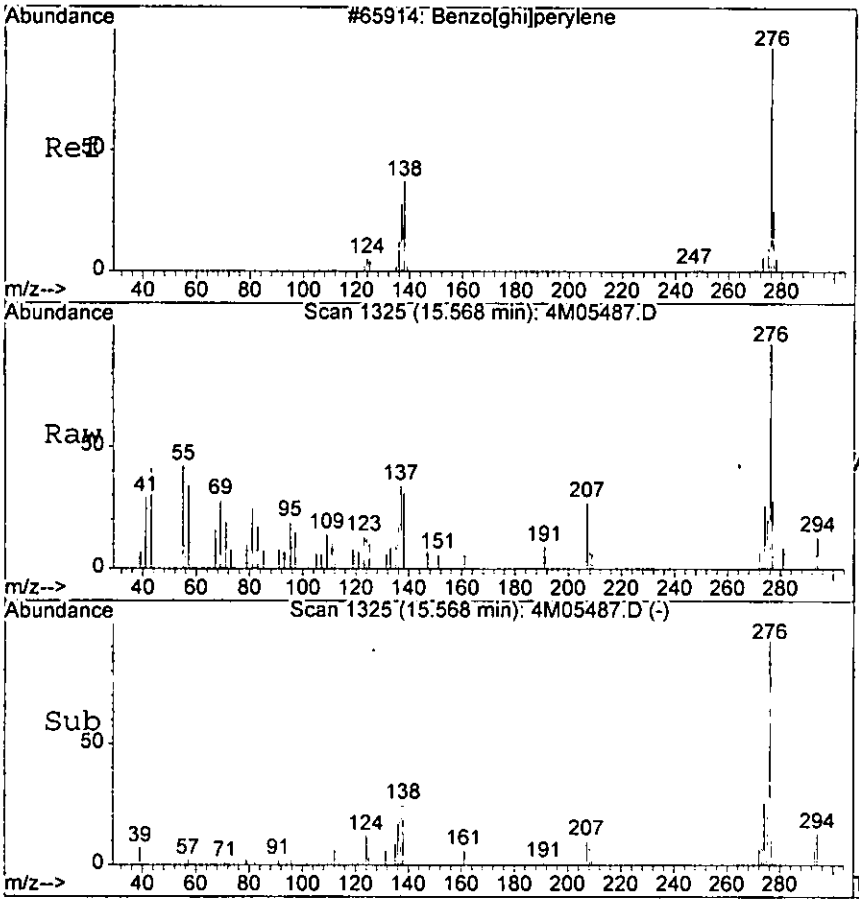


#87
Dibenzo[a,h]anthracene
Concen: 5.94 ng
RT: 15.32 min Scan# 1301
Delta R.T. 0.01 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:278 Resp: 6827

Ion	Ratio	Lower	Upper
278	100		
139	37.5	0.0	63.8
279	12.5	0.0	64.0

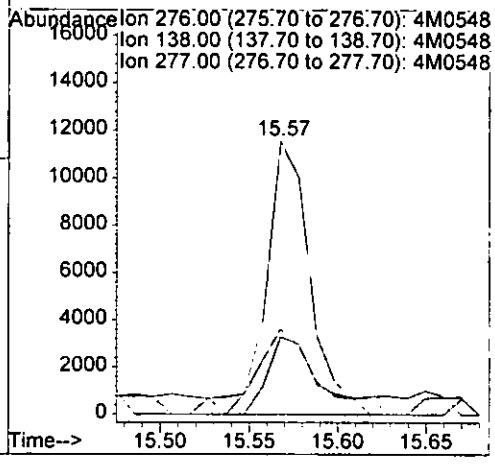




#88
Benzo[g,h,i]perylene
Concen: 16.54 ng
RT: 15.57 min Scan# 1325
Delta R.T. 0.00 min
Lab File: 4M05487.D
Acq: 10 Aug 2005 10:09

Tgt Ion:276 Resp: 19960

Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	74.1
277	28.4	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-007
Client Id: PCSB-43(9.5')
Data File: 6M03633.D
Analysis Date: 08/09/05 16:24
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 72

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.017	U	205-99-2	Benzo[b]fluoranthene	0.024	U
95-50-1	1,2-Dichlorobenzene	0.021	U	191-24-2	Benzo[g,h,i]perylene	0.017	U
122-66-7	1,2-Diphenylhydrazine	0.0083	U	207-08-9	Benzo[k]fluoranthene	0.021	U
541-73-1	1,3-Dichlorobenzene	0.018	U	111-91-1	bis(2-Chloroethoxy)methan	0.014	U
106-46-7	1,4-Dichlorobenzene	0.014	U	111-44-4	bis(2-Chloroethyl)ether	0.018	U
95-95-4	2,4,5-Trichlorophenol	0.063	U	108-60-1	bis(2-chloroisopropyl)ether	0.014	U
88-06-2	2,4,6-Trichlorophenol	0.079	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.013**	**0.11**
120-83-2	2,4-Dichlorophenol	0.057	U	85-68-7	Butylbenzylphthalate	0.019	U
105-67-9	2,4-Dimethylphenol	0.054	U	86-74-8	Carbazole	0.016	U
51-28-5	2,4-Dinitrophenol	0.046	U	218-01-9	Chrysene	0.0086	U
121-14-2	2,4-Dinitrotoluene	0.023	U	84-74-2	Di-n-butylphthalate	0.010	U
606-20-2	2,6-Dinitrotoluene	0.016	U	117-84-0	Di-n-octylphthalate	0.011	U
91-58-7	2-Chloronaphthalene	0.020	U	53-70-3	Dibenzo[a,h]anthracene	0.023	U
95-57-8	2-Chlorophenol	0.031	U	132-64-9	Dibenzofuran	0.081	U
91-57-6	2-Methylnaphthalene	0.047	U	84-66-2	Diethylphthalate	0.011	U
95-48-7	2-Methylphenol	0.10	U	131-11-3	Dimethylphthalate	0.023	U
88-74-4	2-Nitroaniline	0.070	U	206-44-0	Fluoranthene	0.017	U
88-75-5	2-Nitrophenol	0.062	U	86-73-7	Fluorene	0.0099	U
106-44-5	3&4-Methylphenol	0.13	U	118-74-1	Hexachlorobenzene	0.026	U
91-94-1	3,3'-Dichlorobenzidine	0.20	U	87-68-3	Hexachlorobutadiene	0.016	U
99-09-2	3-Nitroaniline	0.13	U	77-47-4	Hexachlorocyclopentadiene	0.29	U
534-52-1	4,6-Dinitro-2-methylphenol	0.057	U	67-72-1	Hexachloroethane	0.024	U
101-55-3	4-Bromophenyl-phenylether	0.023	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.033	U
59-50-7	4-Chloro-3-methylphenol	0.092	U	78-59-1	Isophorone	0.011	U
106-47-8	4-Chloroaniline	0.32	U	621-64-7	N-Nitroso-di-n-propylamine	0.026	U
7005-72-3	4-Chlorophenyl-phenylether	0.018	U	62-75-9	N-Nitrosodimethylamine	0.30	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.017	U
100-02-7	4-Nitrophenol	0.053	U	91-20-3	Naphthalene	0.0088	U
83-32-9	Acenaphthene	0.017	U	98-95-3	Nitrobenzene	0.038	U
208-96-8	Acenaphthylene	0.0092	U	87-86-5	Pentachlorophenol	0.044	U
120-12-7	Anthracene	0.012	U	85-01-8	Phenanthrene	0.011	U
92-87-5	Benzidine	0.027	U	108-95-2	Phenol	0.046	U
56-55-3	Benzo[a]anthracene	0.019	U	129-00-0	Pyrene	0.0079	U
50-32-8	**Benzo[a]pyrene**	**0.021**	**0.37**				

Worksheet #: 18319

Total Target Concentration 0.48

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03633.D Vial: 16
Acq On : 9 Aug 2005 16:24 Operator: AHD
Sample : AC18873-007 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:34 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	46943	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	152348	40.00	ng	0.00
36) Acenaphthene-d10	6.99	164	85893	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	142725	40.00	ng	0.00
74) Chrysene-d12	11.78	240	63190	40.00	ng	0.00
83) Perylene-d12	13.63	264	34239	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	240534	174.97	ng	0.00
Spiked Amount 200.000			Recovery = 87.49%			
8) Phenol-d5	4.20	99	324886	177.02	ng	0.00
Spiked Amount 200.000			Recovery = 88.51%			
21) Nitrobenzene-d5	4.90	128	69329	90.19	ng	0.00
Spiked Amount 100.000			Recovery = 90.19%			
41) 2-Fluorobiphenyl	6.36	172	228576	85.02	ng	0.00
Spiked Amount 100.000			Recovery = 85.02%			
64) 2,4,6-Tribromophenol	7.82	332	49908	179.88	ng	0.00
Spiked Amount 200.000			Recovery = 89.94%			
77) Terphenyl-d14	10.48	244	174448	105.14	ng	0.00
Spiked Amount 100.000			Recovery = 105.14%			
Target Compounds						Qvalue
82) bis(2-Ethylhexyl)phthalate	11.90	149	4506	2.40	ng	95
87) Benzo[a]pyrene	13.66	252	9914	8.01	ng	89

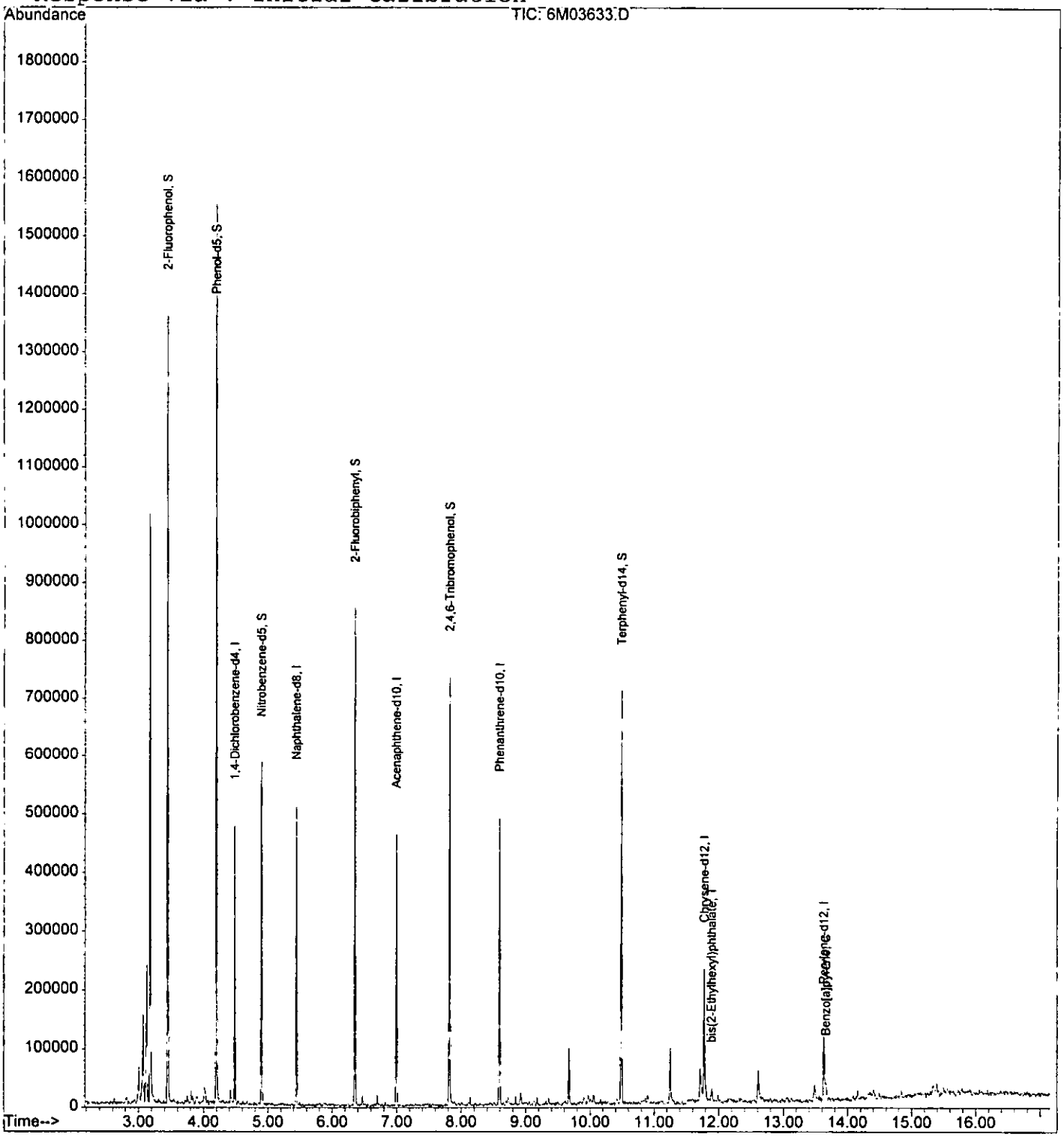
1816

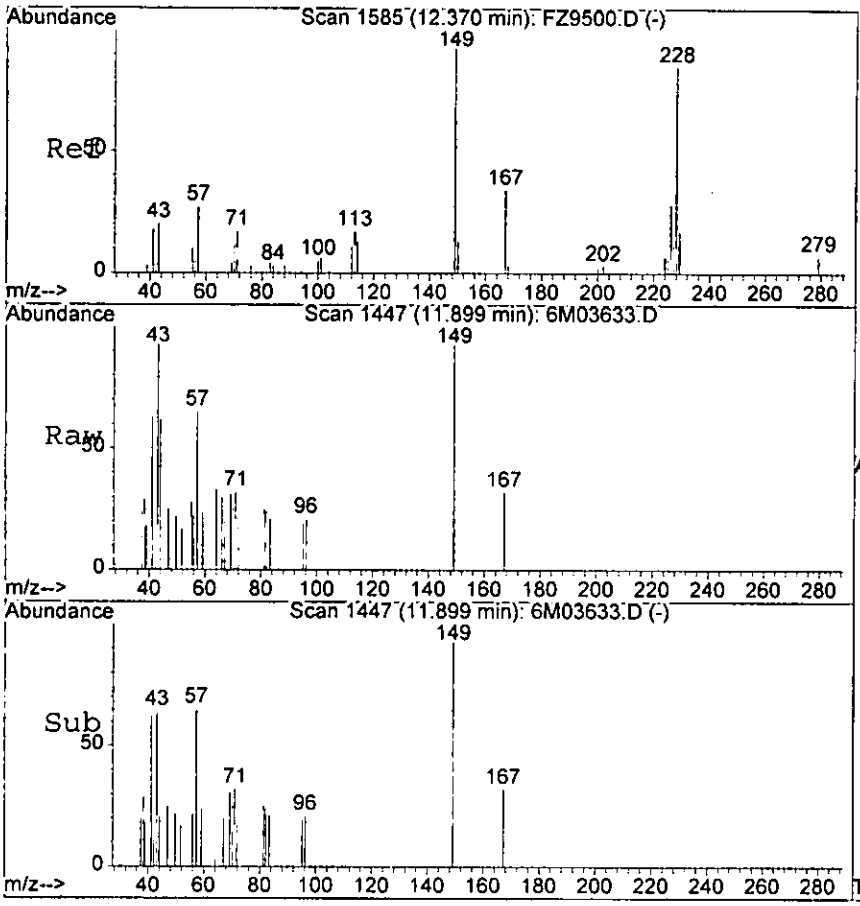
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03633.D Vial: 16
Acq On : 9 Aug 2005 16:24 Operator: AHD
Sample : AC18873-007 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:34 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration

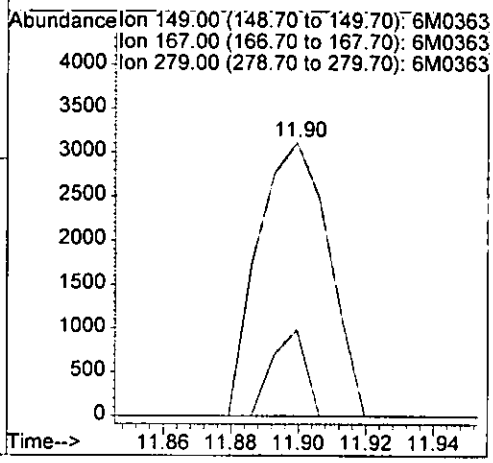




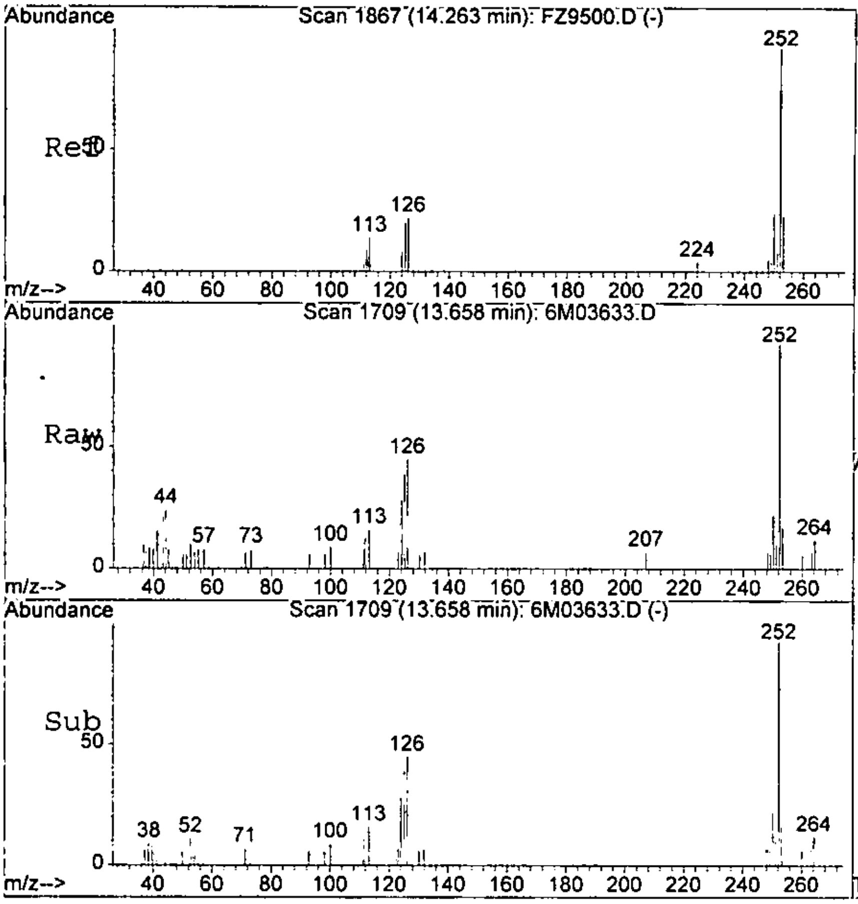
#82
bis(2-Ethylhexyl)phthalate
Concen: 2.40 ng
RT: 11.90 min Scan# 1447
Delta R.T. 0.00 min
Lab File: 6M03633.D
Acq: 9 Aug 2005 16:24

Tgt Ion:149 Resp: 4506

Ion	Ratio	Lower	Upper
149	100		
167	31.5	1.8	57.8
279	0.0	0.0	44.7



1806

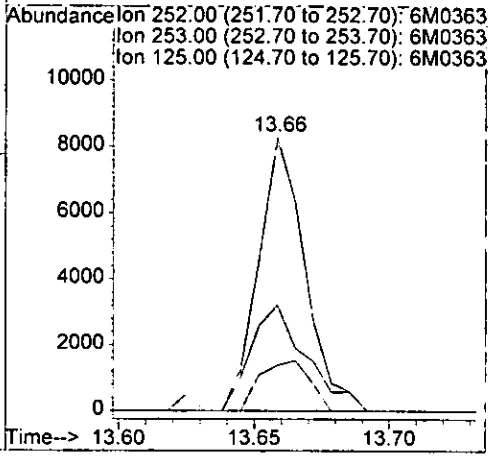


#87
Benzo[a]pyrene
Concen: 8.01 ng
RT: 13.66 min Scan# 1709
Delta R.T. 0.10 min
Lab File: 6M03633.D
Acq: 9 Aug 2005 16:24

0521

Tgt Ion:252 Resp: 9914

Ion	Ratio	Lower	Upper
252	100		
253	16.7	0.0	64.1
125	38.9	0.0	74.1



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-008
Client Id: PCSB-42(0.5')
Data File: 6M03634.D
Analysis Date: 08/09/05 16:48
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.013	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.017**	**1.8**
95-50-1	1,2-Dichlorobenzene	0.015	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.013**	**1.1**
122-66-7	1,2-Diphenylhydrazine	0.0062	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.016**	**0.50**
541-73-1	1,3-Dichlorobenzene	0.013	U	111-91-1	bis(2-Chloroethoxy)methan	0.010	U
106-46-7	1,4-Dichlorobenzene	0.011	U	111-44-4	bis(2-Chloroethyl)ether	0.013	U
95-95-4	2,4,5-Trichlorophenol	0.047	U	108-60-1	bis(2-chloroisopropyl)ether	0.010	U
88-06-2	2,4,6-Trichlorophenol	0.059	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.0093**	**0.17**
120-83-2	2,4-Dichlorophenol	0.042	U	85-68-7	Butylbenzylphthalate	0.014	U
105-67-9	2,4-Dimethylphenol	0.040	U	**86-74-8**	**Carbazole**	**0.012**	**0.081**
51-28-5	2,4-Dinitrophenol	0.034	U	**218-01-9**	**Chrysene**	**0.0064**	**1.3**
121-14-2	2,4-Dinitrotoluene	0.017	U	84-74-2	Di-n-butylphthalate	0.0077	U
606-20-2	2,6-Dinitrotoluene	0.012	U	117-84-0	Di-n-octylphthalate	0.0081	U
91-58-7	2-Chloronaphthalene	0.015	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.017**	**0.30**
95-57-8	2-Chlorophenol	0.023	U	**132-64-9**	**Dibenzofuran**	**0.060**	**0.13**
91-57-6	**2-Methylnaphthalene**	**0.035**	**0.11**	84-66-2	Diethylphthalate	0.0082	U
95-48-7	2-Methylphenol	0.077	U	131-11-3	Dimethylphthalate	0.017	U
88-74-4	2-Nitroaniline	0.052	U	**206-44-0**	**Fluoranthene**	**0.012**	**2.7**
88-75-5	2-Nitrophenol	0.046	U	**86-73-7**	**Fluorene**	**0.0073**	**0.18**
106-44-5	3&4-Methylphenol	0.094	U	118-74-1	Hexachlorobenzene	0.019	U
91-94-1	3,3'-Dichlorobenzidine	0.14	U	87-68-3	Hexachlorobutadiene	0.012	U
99-09-2	3-Nitroaniline	0.093	U	77-47-4	Hexachlorocyclopentadiene	0.21	U
534-52-1	4,6-Dinitro-2-methylphenol	0.043	U	67-72-1	Hexachloroethane	0.018	U
101-55-3	4-Bromophenyl-phenylether	0.017	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.025**	**0.87**
59-50-7	4-Chloro-3-methylphenol	0.068	U	78-59-1	Isophorone	0.0079	U
106-47-8	4-Chloroaniline	0.24	U	621-64-7	N-Nitroso-di-n-propylamine	0.019	U
7005-72-3	4-Chlorophenyl-phenylether	0.013	U	62-75-9	N-Nitrosodimethylamine	0.22	U
100-01-6	4-Nitroaniline	0.084	U	86-30-6	n-Nitrosodiphenylamine	0.013	U
100-02-7	4-Nitrophenol	0.039	U	**91-20-3**	**Naphthalene**	**0.0065**	**0.080**
83-32-9	Acenaphthene	0.012	U	98-95-3	Nitrobenzene	0.029	U
208-96-8	**Acenaphthylene**	**0.0069**	**0.17**	87-86-5	Pentachlorophenol	0.033	U
120-12-7	**Anthracene**	**0.0087**	**0.40**	**85-01-8**	**Phenanthrene**	**0.0079**	**1.9**
92-87-5	Benzidine	0.020	U	108-95-2	Phenol	0.034	U
56-55-3	**Benzo[a]anthracene**	**0.014**	**1.2**	**129-00-0**	**Pyrene**	**0.0059**	**2.6**
50-32-8	**Benzo[a]pyrene**	**0.015**	**1.3**				

Worksheet #: 18319

Total Target Concentration 16.891

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03634.D Vial: 17
Acq On : 9 Aug 2005 16:48 Operator: AHD
Sample : AC18873-008 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:35 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	37707	40.00	ng	0.00
20) Naphthalene-d8	5.45	136	118658	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	63206	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	83975	40.00	ng	0.00
74) Chrysene-d12	11.78	240	34967	40.00	ng	0.00
83) Perylene-d12	13.63	264	21965	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	194328	175.98	ng	0.00
Spiked Amount 200.000			Recovery = 87.99%			
8) Phenol-d5	4.20	99	272949	185.15	ng	0.00
Spiked Amount 200.000			Recovery = 92.58%			
21) Nitrobenzene-d5	4.89	128	54261	90.63	ng	0.00
Spiked Amount 100.000			Recovery = 90.63%			
41) 2-Fluorobiphenyl	6.35	172	176618	89.28	ng	0.00
Spiked Amount 100.000			Recovery = 89.28%			
64) 2,4,6-Tribromophenol	7.82	332	27746	169.96	ng	0.00
Spiked Amount 200.000			Recovery = 84.98%			
77) Terphenyl-d14	10.49	244	101078	110.09	ng	0.00
Spiked Amount 100.000			Recovery = 110.09%			
Target Compounds						Qvalue
30) Naphthalene	5.46	128	6674	2.34	ng	92
34) 2-Methylnaphthalene	6.03	142	5523	3.12	ng	96
45) Acenaphthylene	6.85	152	13980	5.05	ng	95
53) Dibenzofuran	7.20	168	8932	3.64	ng	92
57) Fluorene	7.56	166	9084	5.24	ng	78
69) Phenanthrene	8.62	178	128926	56.34	ng	99
70) Anthracene	8.68	178	26898	11.67	ng	97
71) Carbazole	8.87	167	5226	2.37	ng	85
73) Fluoranthene	10.00	202	163735	79.02	ng	98
75) Pyrene	10.27	202	131275	75.60	ng	94
80) Benzo[a]anthracene	11.76	228	40343	35.63	ng	94
81) Chrysene	11.81	228	40926	38.23	ng	95
82) bis(2-Ethylhexyl)phthalate	11.90	149	5279	5.07	ng	80
85) Benzo[b]fluoranthene	13.16	252	43206m	51.32	ng	
86) Benzo[k]fluoranthene	13.19	252	13735m	14.64	ng	
87) Benzo[a]pyrene	13.56	252	29435	37.05	ng	94
88) Indeno[1,2,3-cd]pyrene	14.88	276	17597	25.41	ng	91
89) Dibenzo[a,h]anthracene	14.90	278	4841m	8.72	ng	
90) Benzo[g,h,i]perylene	15.16	276	17118	30.79	ng	99

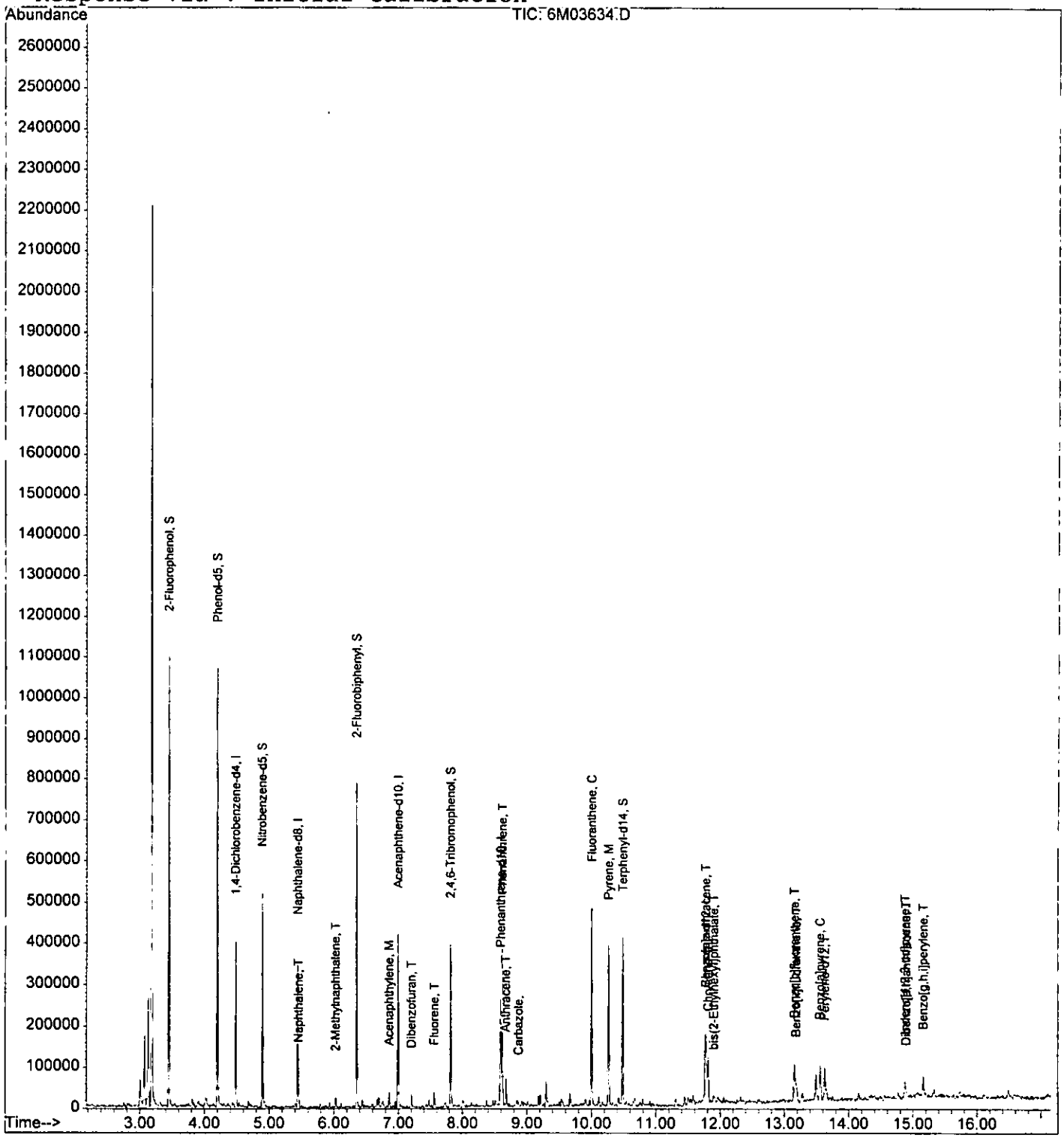
(#) = qualifier out of range (m) = manual integration

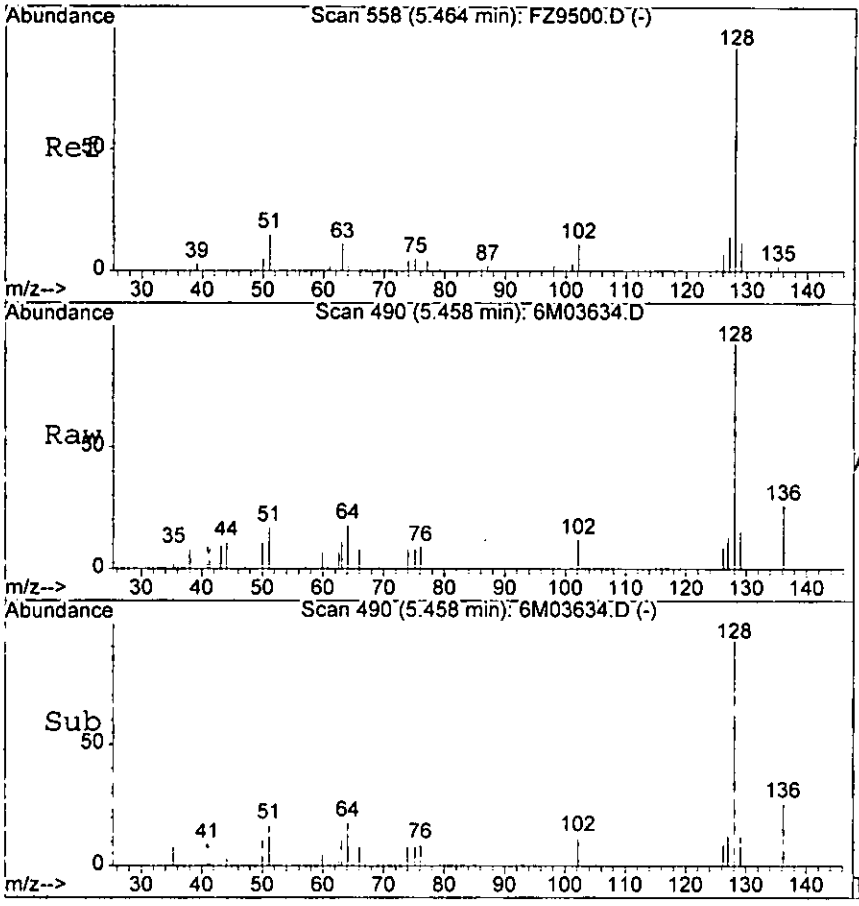
Lab

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03634.D Vial: 17
Acq On : 9 Aug 2005 16:48 Operator: AHD
Sample : AC18873-008 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:35 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration

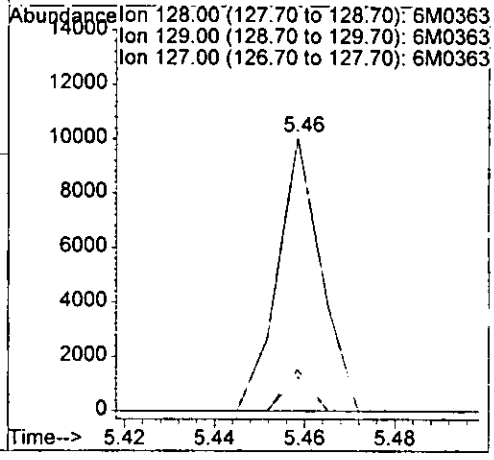


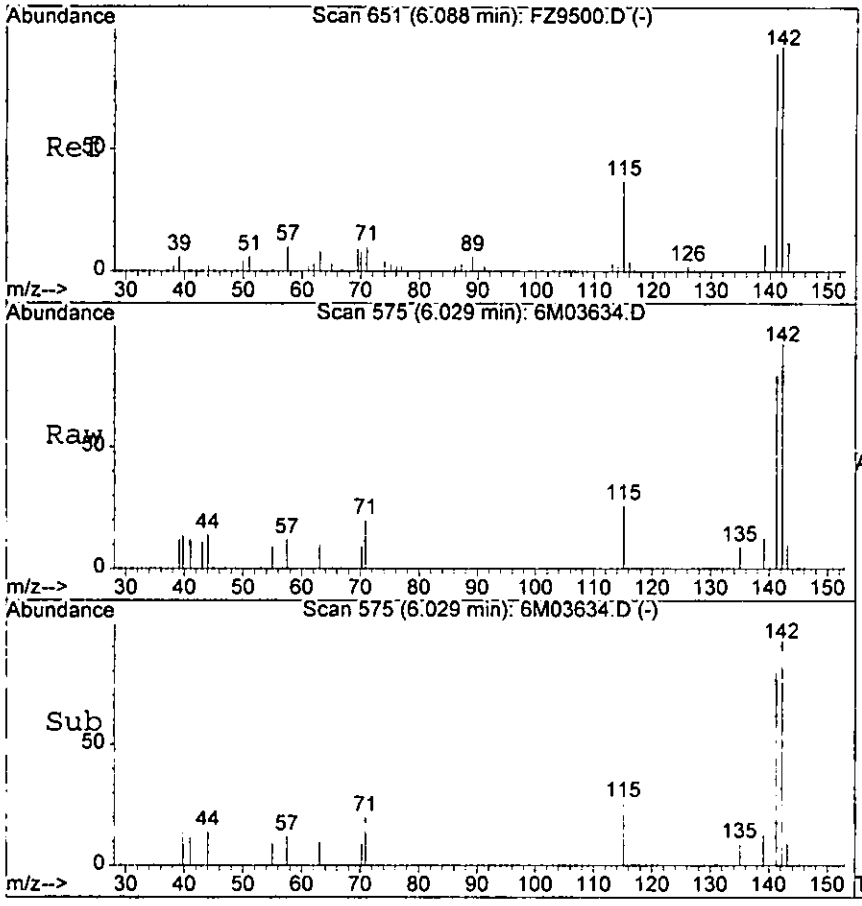


#30
Naphthalene
Concen: 2.34 ng
RT: 5.46 min Scan# 490
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:128 Resp: 6674

Ion	Ratio	Lower	Upper
128	100		
129	15.2	0.0	51.2
127	12.6	0.0	55.4

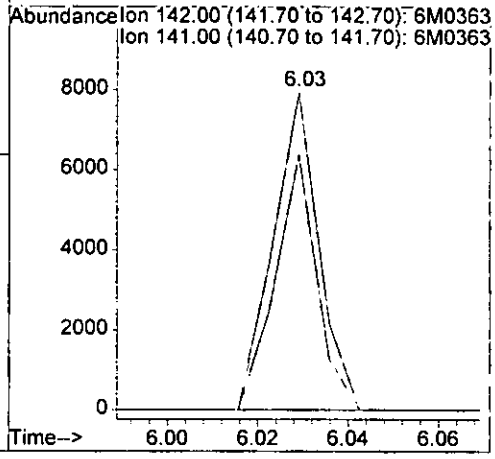




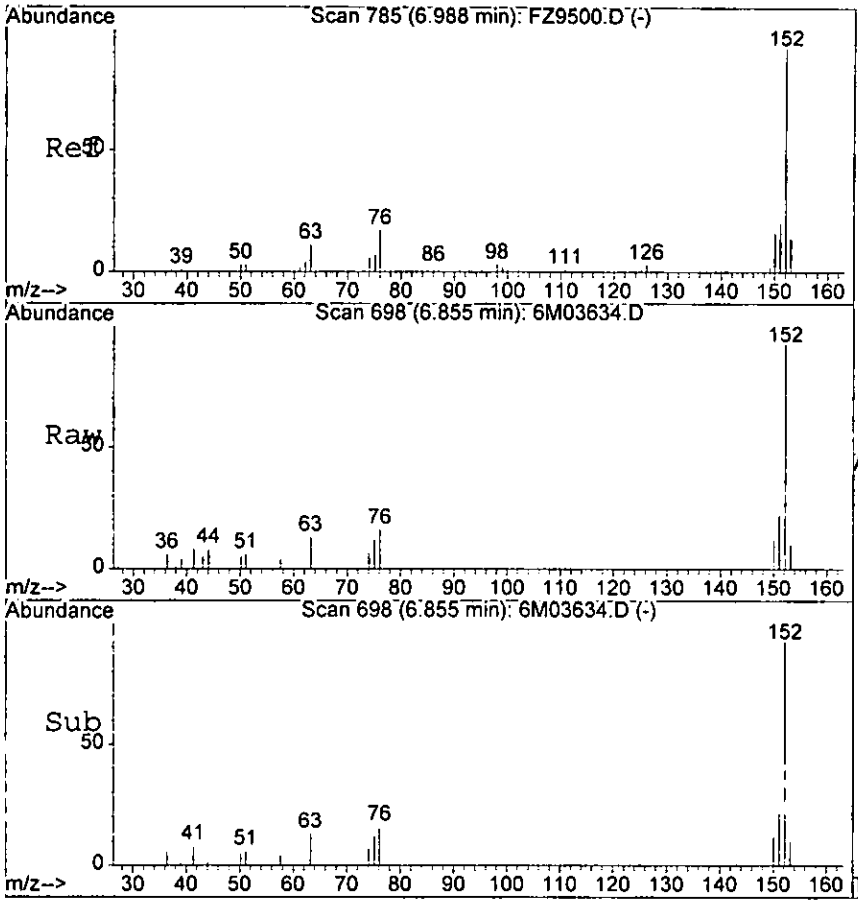
#34
2-Methylnaphthalene
Concen: 3.12 ng
RT: 6.03 min Scan# 575
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:142 Resp: 5523

Ion	Ratio	Lower	Upper
142	100		
141	80.3	44.3	124.3



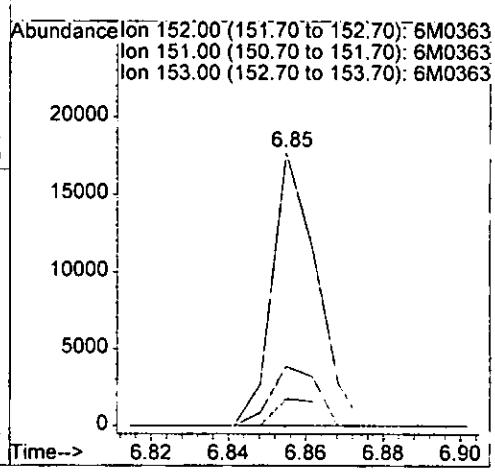
0526



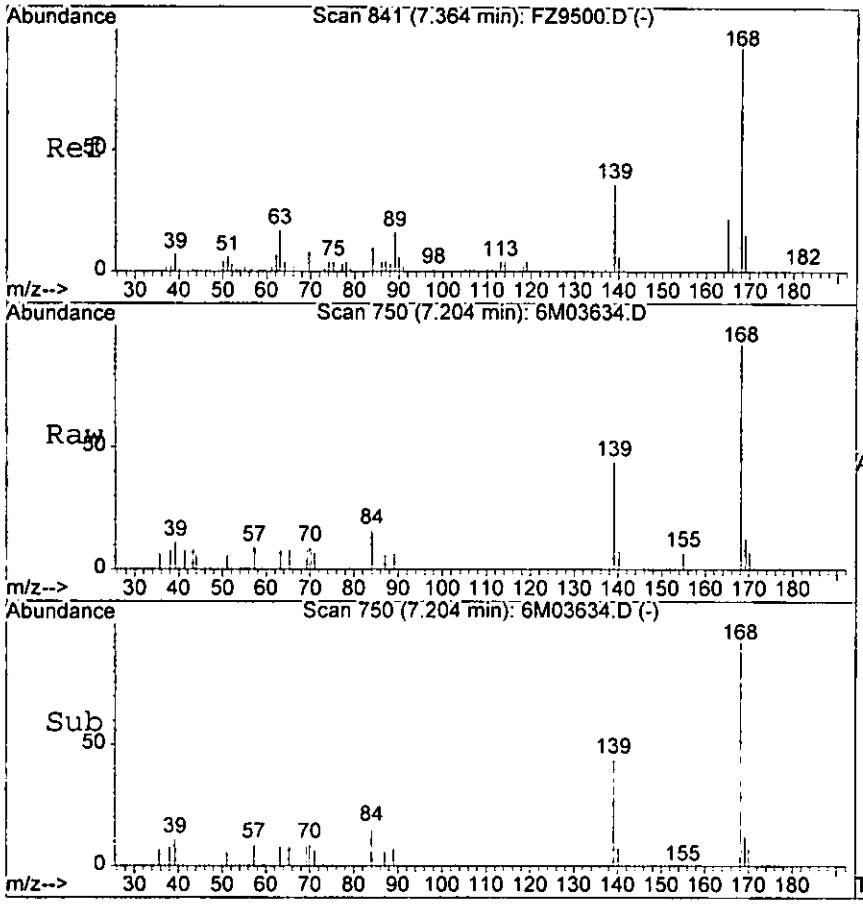
#45
Acenaphthylene
Concen: 5.05 ng
RT: 6.85 min Scan# 698
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:152 Resp: 13980

Ion	Ratio	Lower	Upper
152	100		
151	21.8	0.0	61.0
153	10.0	0.0	53.9



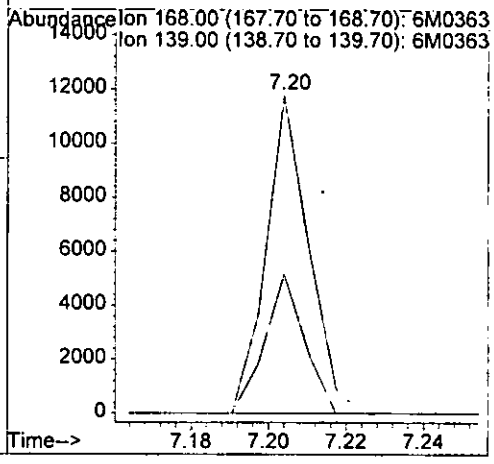
0527



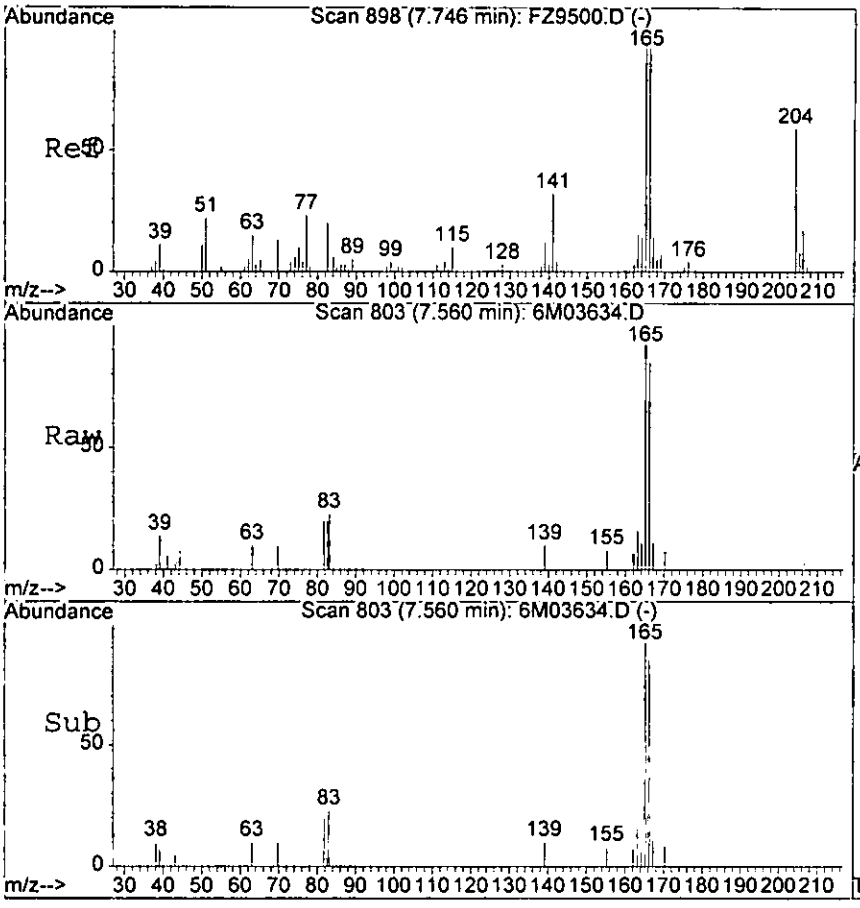
#53
Dibenzofuran
Concen: 3.64 ng
RT: 7.20 min Scan# 750
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:168 Resp: 8932

Ion	Ratio	Lower	Upper
168	100		
139	43.9	8.9	68.9



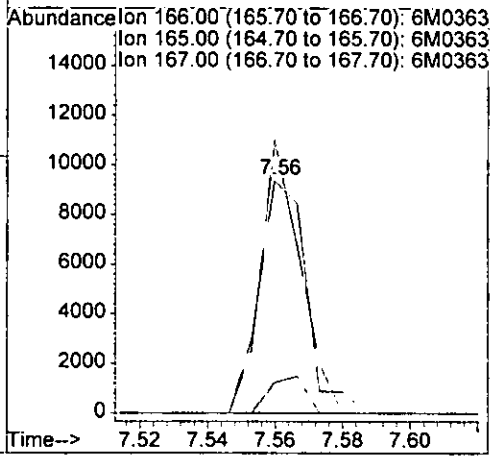
8526



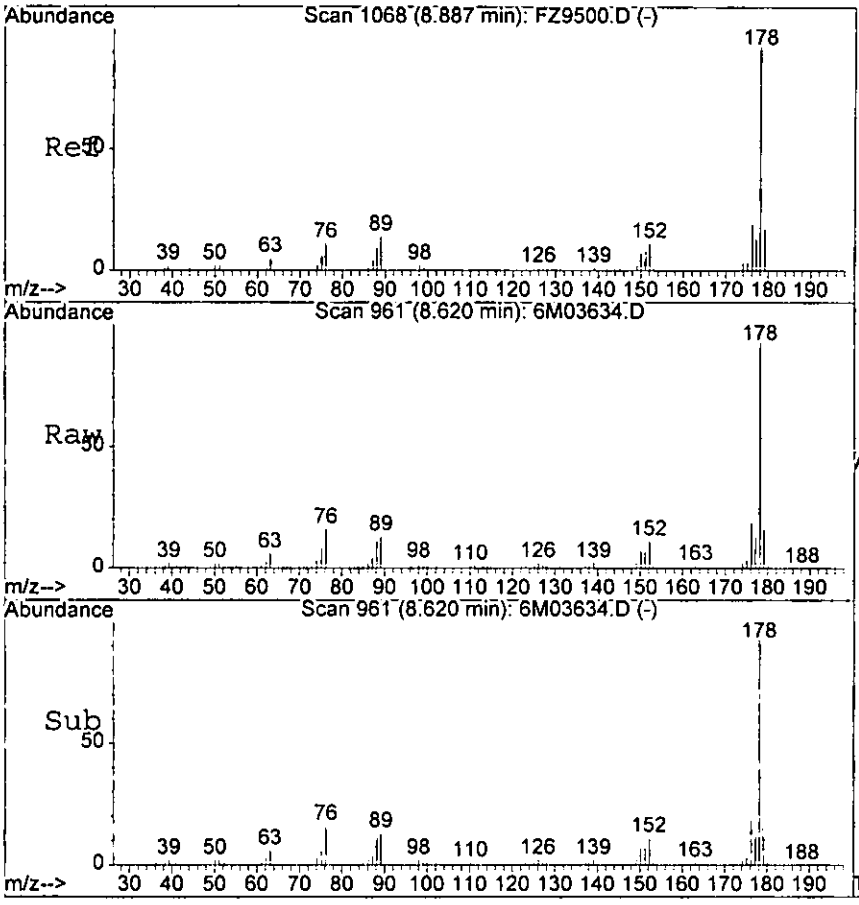
#57
Fluorene
Concen: 5.24 ng
RT: 7.56 min Scan# 803
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:166 Resp: 9084

Ion	Ratio	Lower	Upper
166	100		
165	117.6	53.8	133.8
167	13.0	0.0	54.1



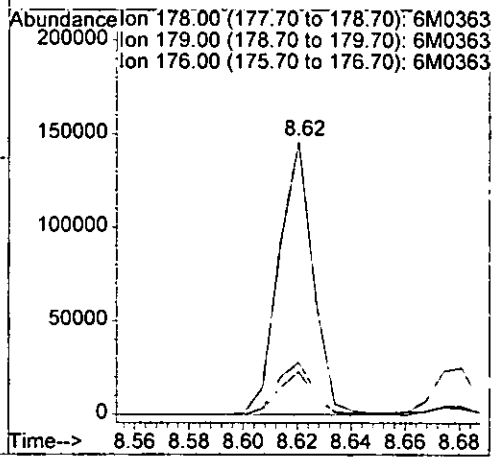
Lab 6



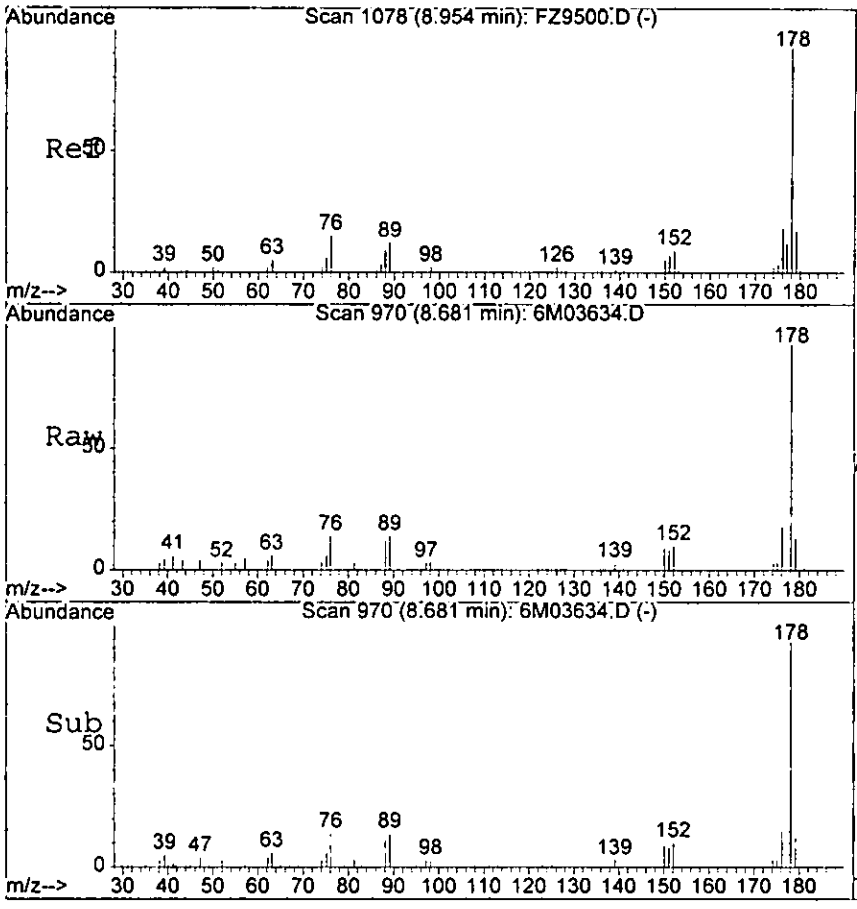
#69
Phenanthrene
Concen: 56.34 ng
RT: 8.62 min Scan# 961
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:178 Resp: 128926

Ion	Ratio	Lower	Upper
178	100		
179	15.6	0.0	54.6
176	19.1	0.0	59.3



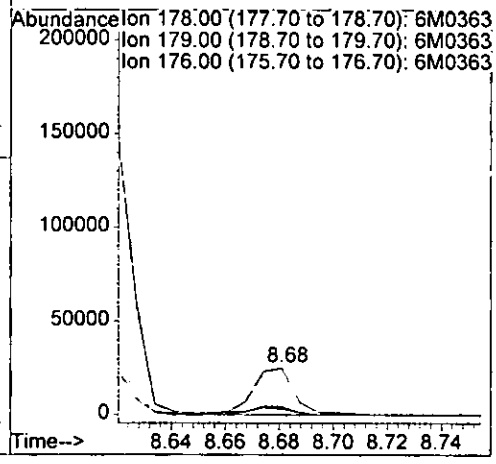
1986



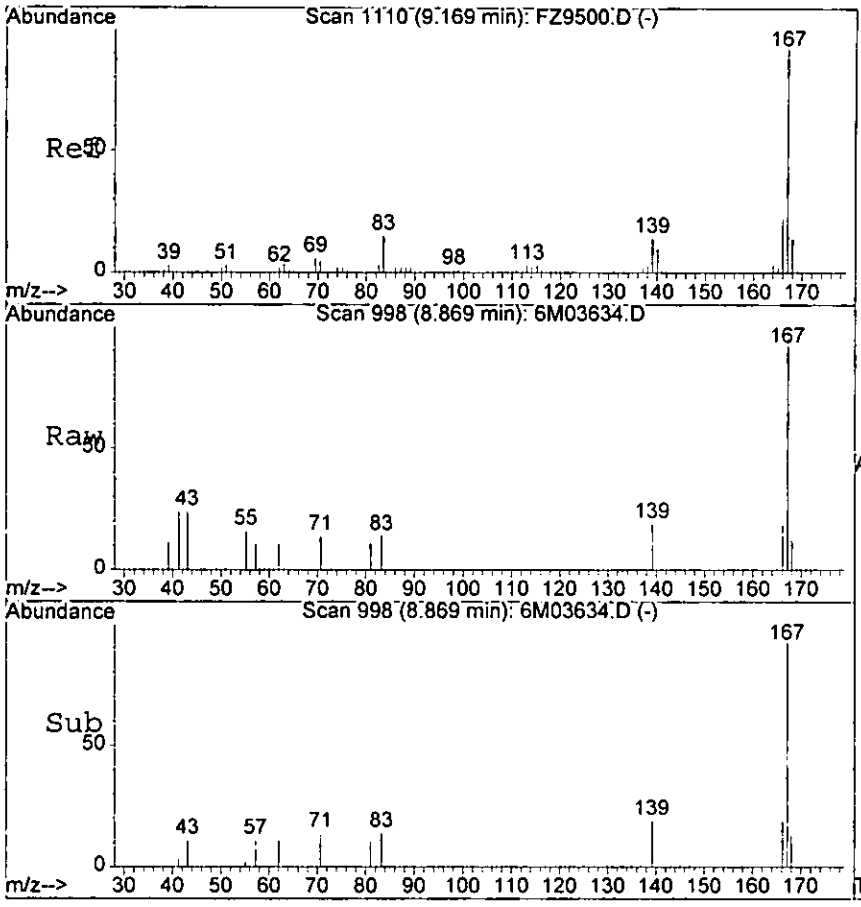
#70
Anthracene
Concen: 11.67 ng
RT: 8.68 min Scan# 970
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:178 Resp: 26898

Ion	Ratio	Lower	Upper
178	100		
179	13.0	0.0	55.2
176	17.9	0.0	58.8



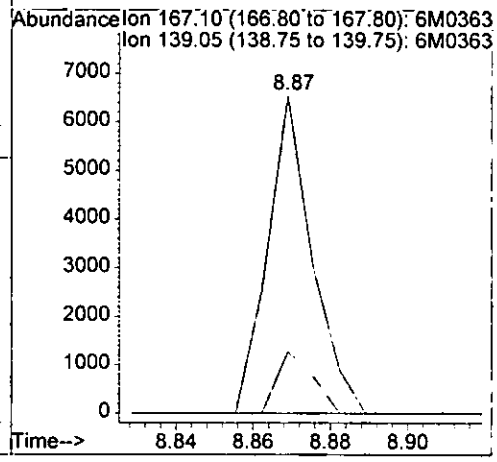
8/05

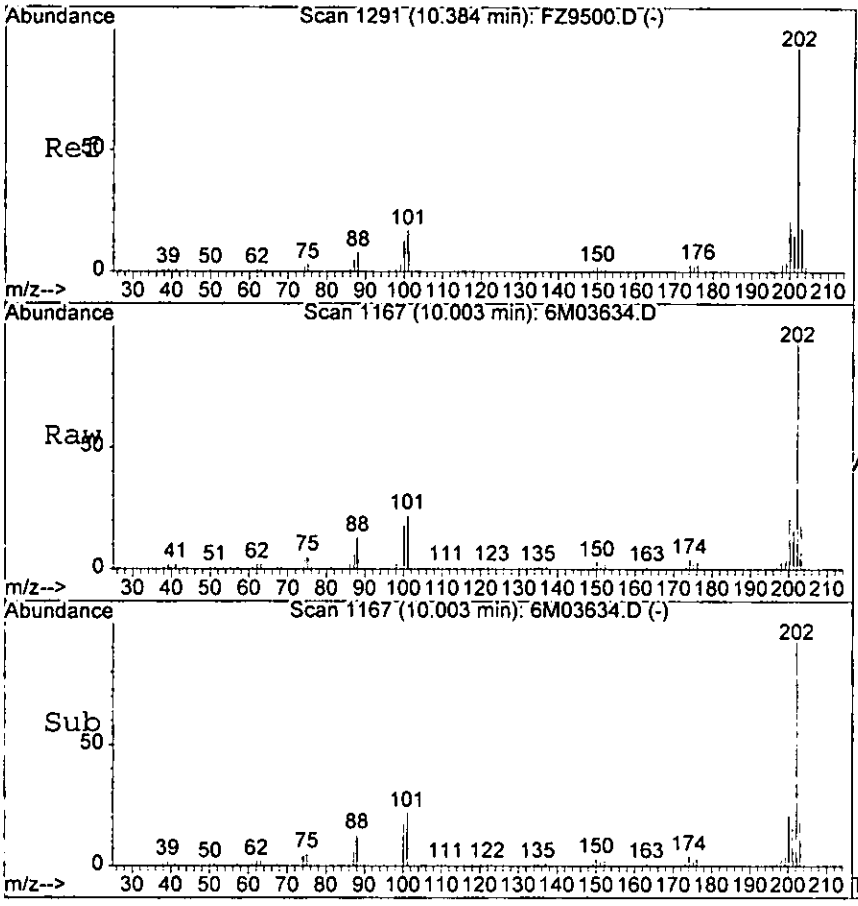


#71
Carbazole
Concen: 2.37 ng
RT: 8.87 min Scan# 998
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:167 Resp: 5226

Ion	Ratio	Lower	Upper
167	100		
139	19.4	0.0	53.5

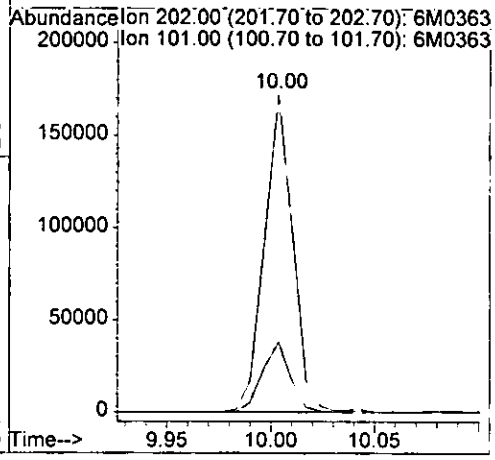


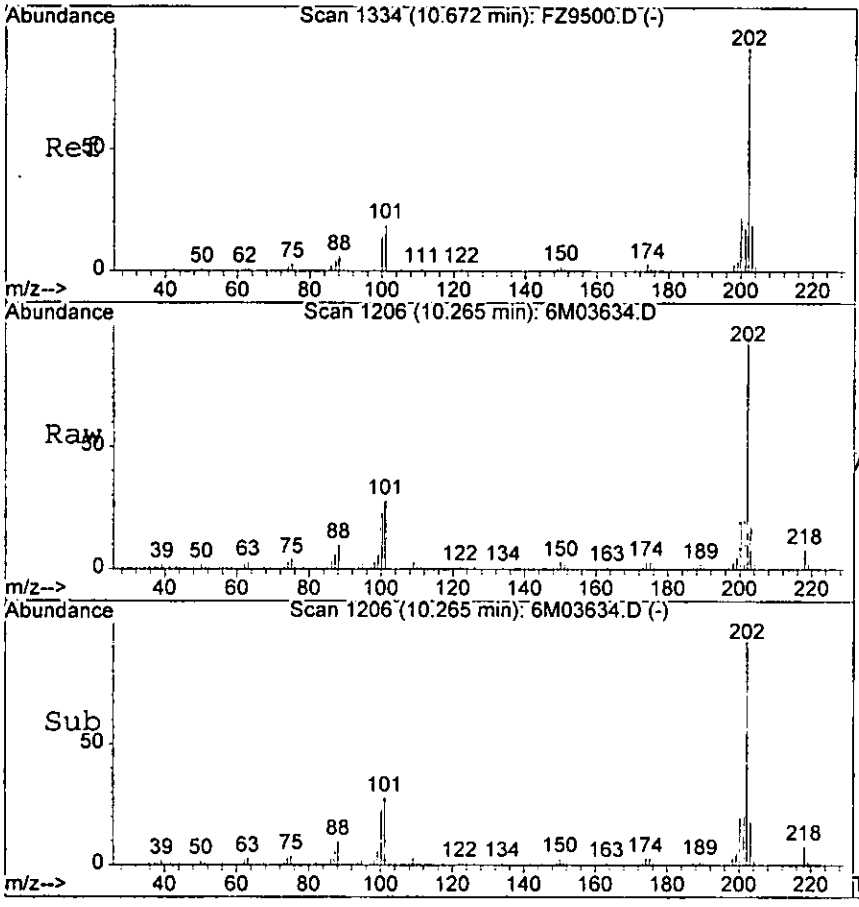


#73
Fluoranthene
Concen: 79.02 ng
RT: 10.00 min Scan# 1167
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:202 Resp: 163735

Ion	Ratio	Lower	Upper
202	100		
101	22.1	0.0	61.2

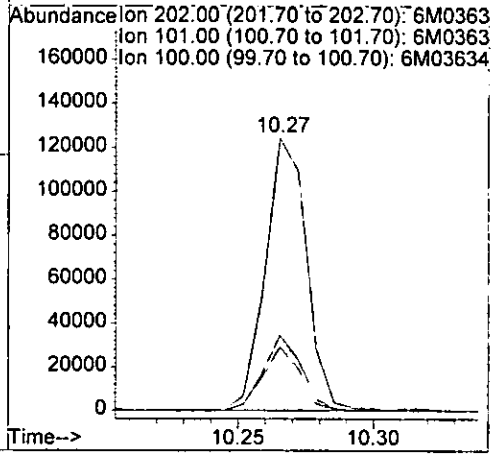




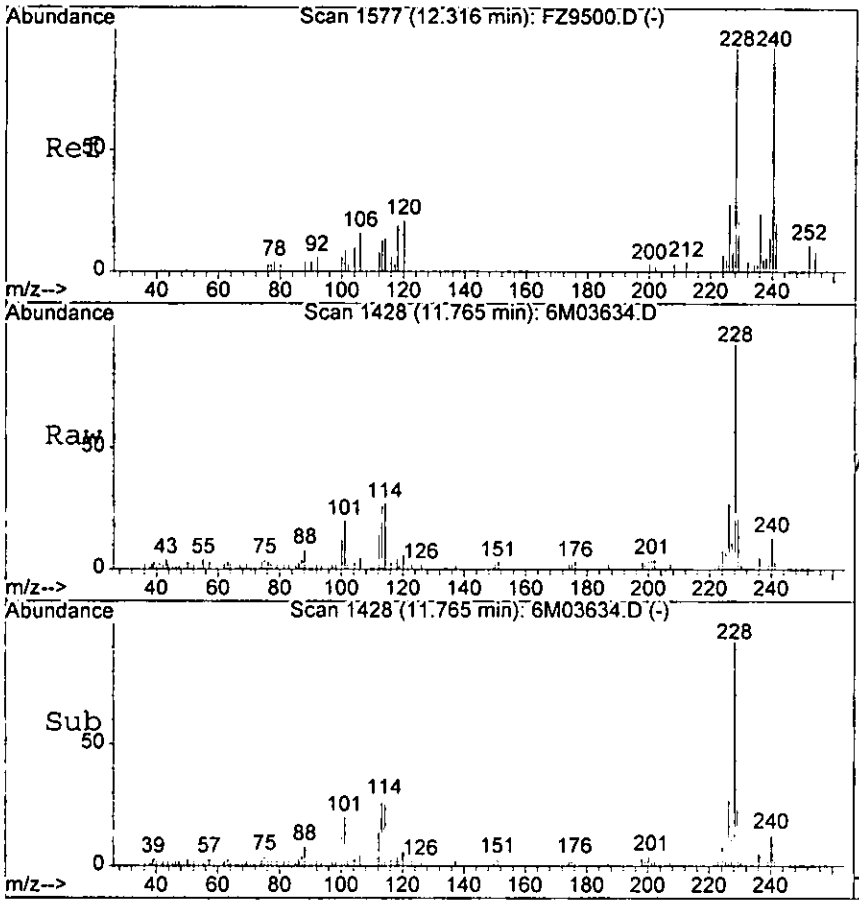
#75
Pyrene
Concen: 75.60 ng
RT: 10.27 min Scan# 1206
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:202 Resp: 131275

Ion	Ratio	Lower	Upper
202	100		
101	27.7	0.0	63.5
100	23.4	0.0	61.4



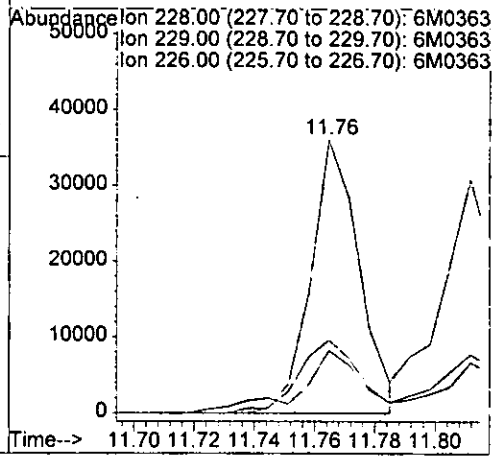
B53



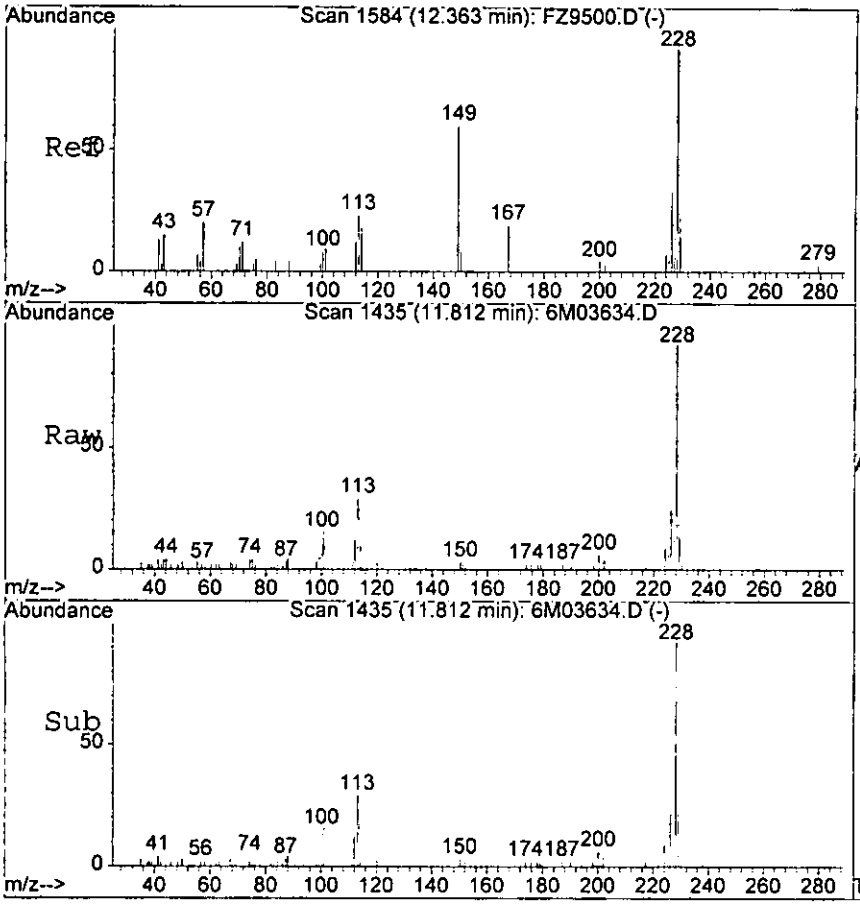
#80
Benzo[a]anthracene
Concen: 35.63 ng
RT: 11.76 min Scan# 1428
Delta R.T. -0.01 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:228 Resp: 40343

Ion	Ratio	Lower	Upper
228	100		
229	21.4	0.0	57.2
226	26.7	0.0	68.8



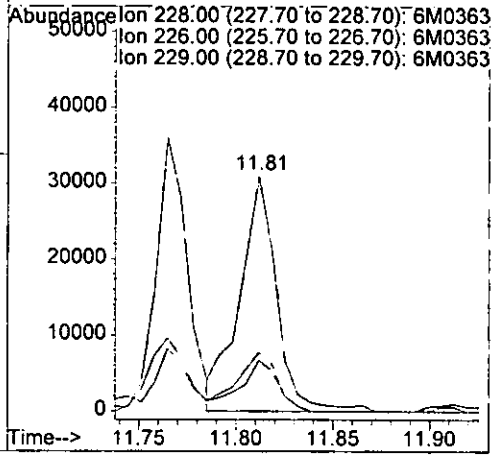
8535

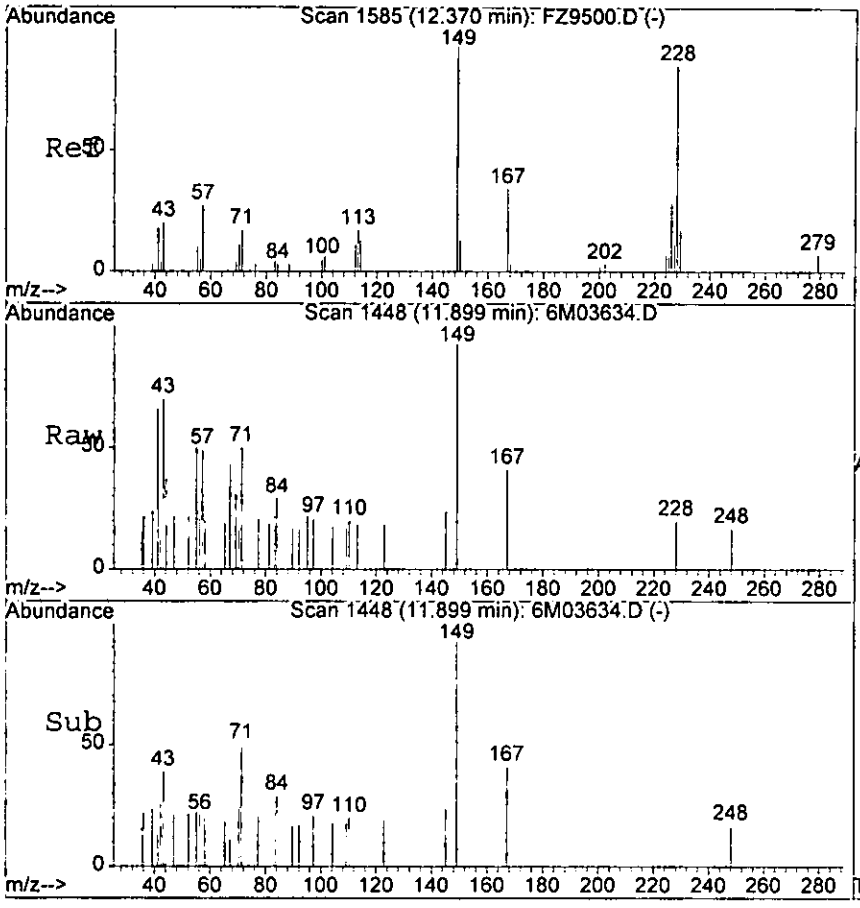


#81
Chrysene
Concen: 38.23 ng
RT: 11.81 min Scan# 1435
Delta R.T. -0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:228 Resp: 40926

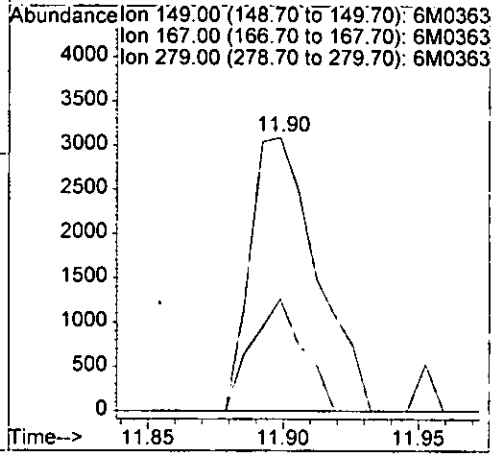
Ion	Ratio	Lower	Upper
228	100		
226	24.9	9.4	49.4
229	21.5	0.0	62.2

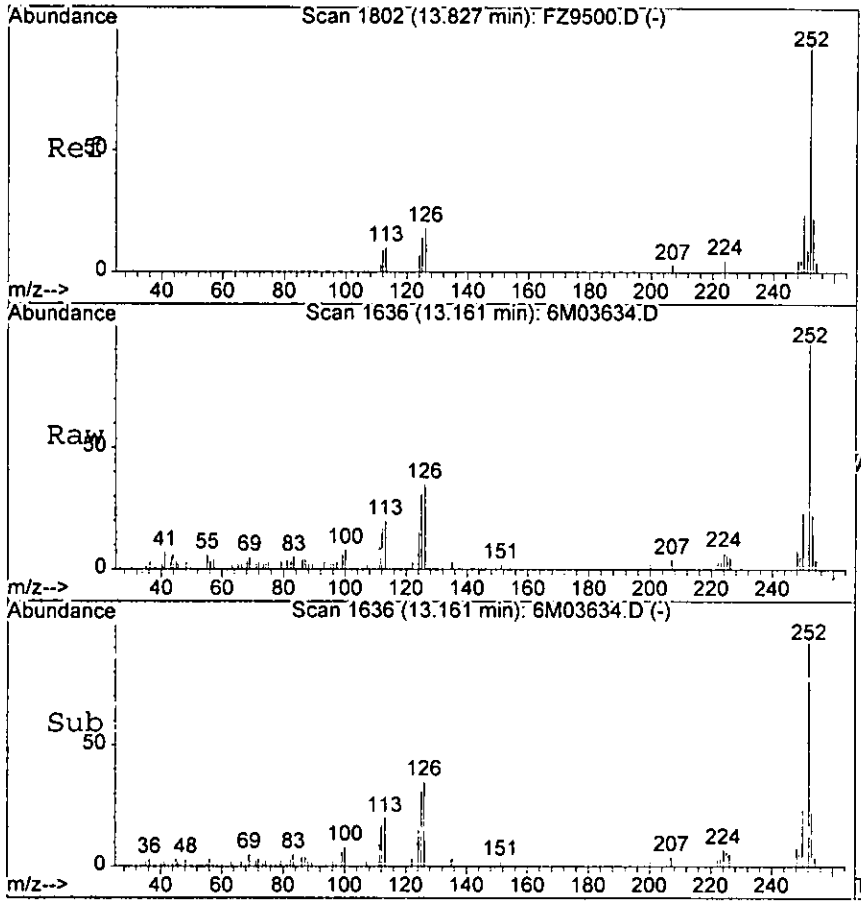




#82
bis(2-Ethylhexyl)phthalate
Concen: 5.07 ng
RT: 11.90 min Scan# 1448
Delta R.T. -0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:149	Resp:	5279	
Ion	Ratio	Lower	Upper
149	100		
167	40.9	1.8	57.8
279	0.0	0.0	44.7

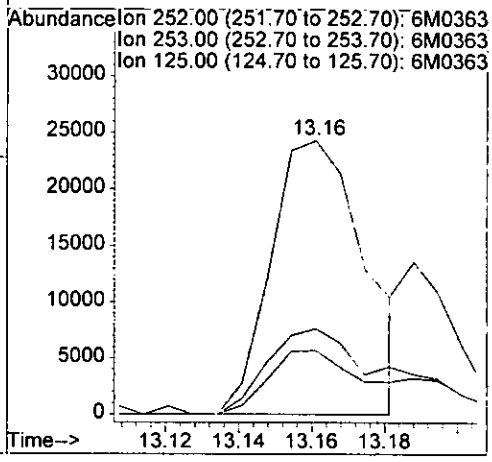


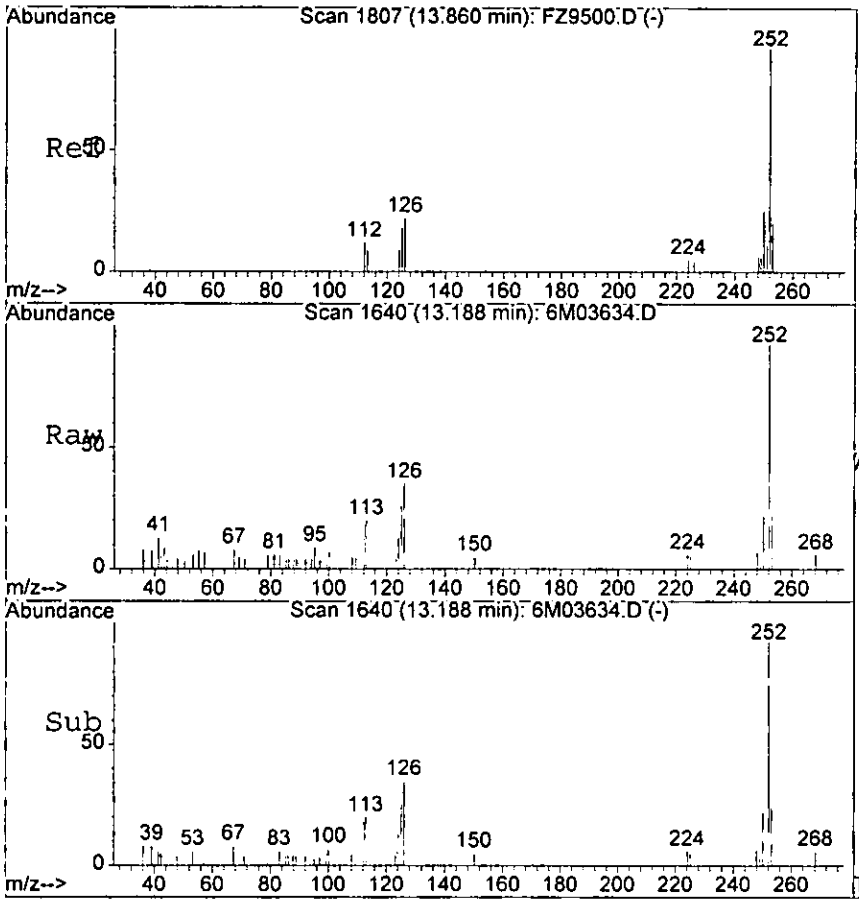


#85
Benzo[b]fluoranthene
Concen: 51.32 ng m
RT: 13.16 min Scan# 1636
Delta R.T. 0.01 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:252 Resp: 43206

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	61.3
125	31.4	0.0	70.7

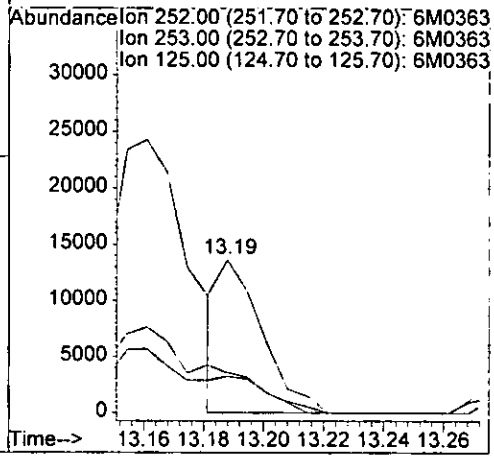


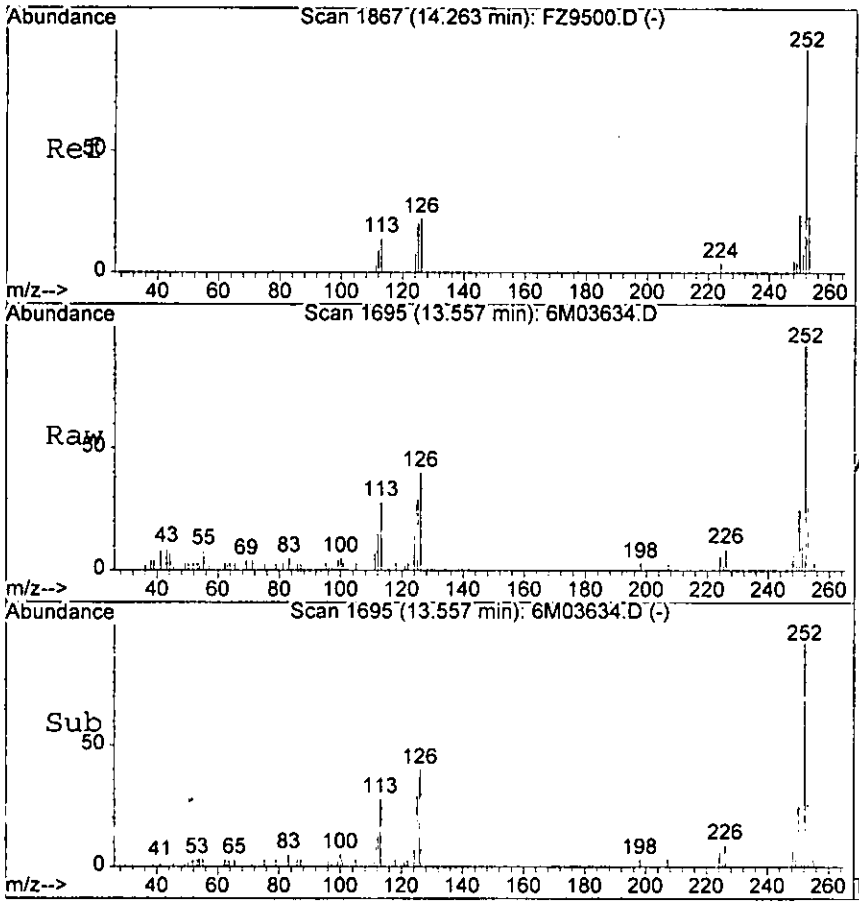


#86
Benzo[k]fluoranthene
Concen: 14.64 ng m
RT: 13.19 min Scan# 1640
Delta R.T. -0.01 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:252 Resp: 13735

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	60.9
125	26.1	0.0	62.7

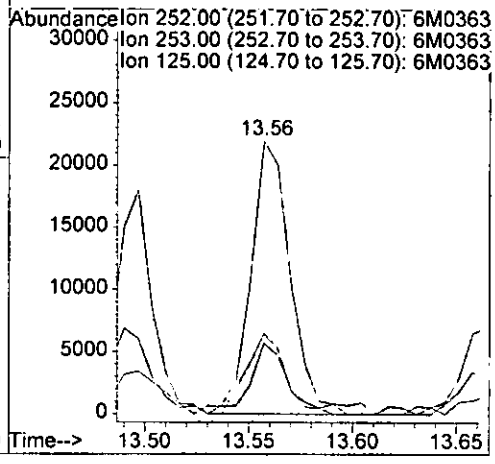


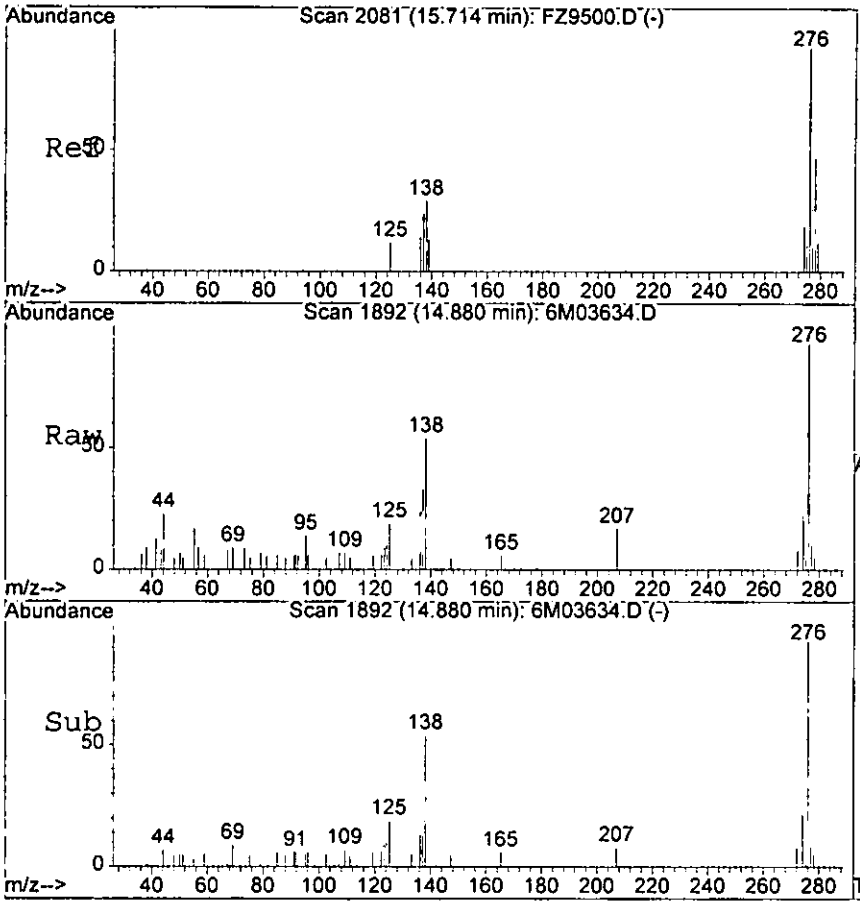


#87
Benzo[a]pyrene
Concen: 37.05 ng
RT: 13.56 min Scan# 1695
Delta R.T. -0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:252 Resp: 29435

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	64.1
125	29.4	0.0	74.1

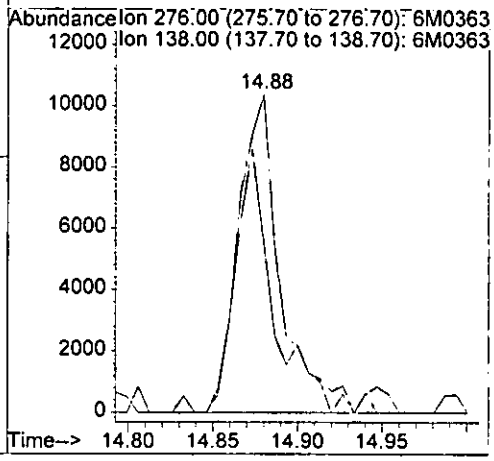


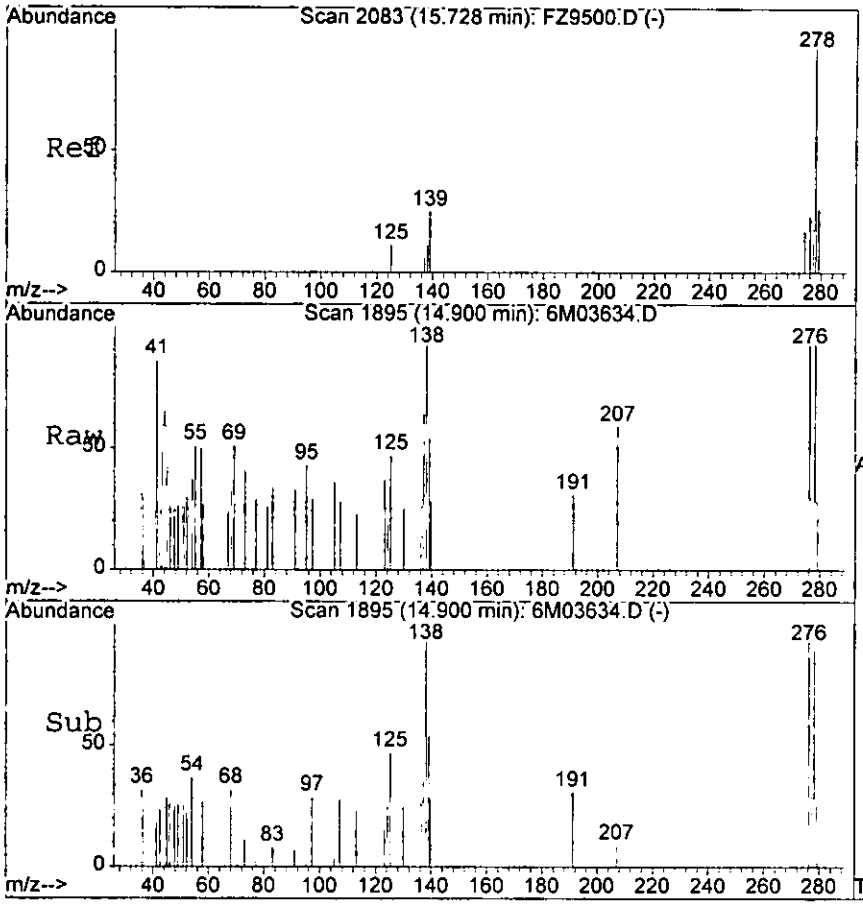


#88
Indeno[1,2,3-cd]pyrene
Concen: 25.41 ng
RT: 14.88 min Scan# 1892
Delta R.T. 0.01 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:276 Resp: 17597

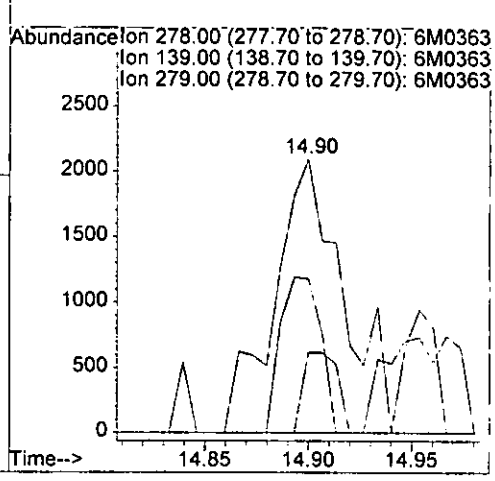
Ion	Ratio	Lower	Upper
276	100		
138	53.6	20.2	100.2

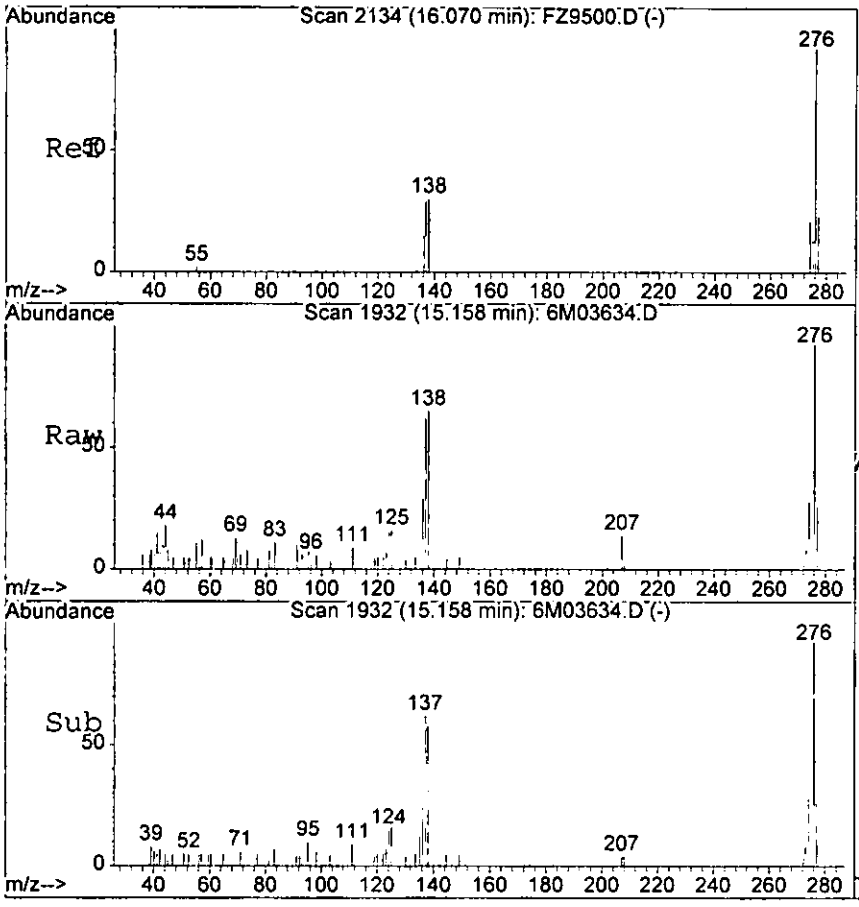




#89
Dibenzo[a,h]anthracene
Concen: 8.72 ng m
RT: 14.90 min Scan# 1895
Delta R.T. -0.01 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:278	Resp:	4841	
Ion	Ratio	Lower	Upper
278	100		
139	56.4	5.4	85.4
279	29.6	0.0	63.9

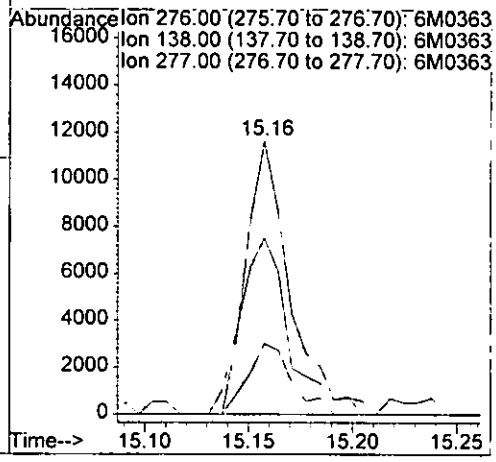




#90
Benzo[g,h,i]perylene
Concen: 30.79 ng
RT: 15.16 min Scan# 1932
Delta R.T. 0.00 min
Lab File: 6M03634.D
Acq: 9 Aug 2005 16:48

Tgt Ion:276 Resp: 17118

Ion	Ratio	Lower	Upper
276	100		
138	64.6	24.4	104.4
277	26.0	0.0	67.2



0543

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-009
Client Id: PCSB-242(0.5')
Data File: 6M03635.D
Analysis Date: 08/09/05 17:12
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.013	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.018**	**0.36**
95-50-1	1,2-Dichlorobenzene	0.016	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.013**	**0.20**
122-66-7	1,2-Diphenylhydrazine	0.0063	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.016**	**0.10**
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.010	U
106-46-7	1,4-Dichlorobenzene	0.011	U	111-44-4	bis(2-Chloroethyl)ether	0.014	U
95-95-4	2,4,5-Trichlorophenol	0.048	U	108-60-1	bis(2-chloroisopropyl)ether	0.010	U
88-06-2	2,4,6-Trichlorophenol	0.060	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.0095**	**0.22**
120-83-2	2,4-Dichlorophenol	0.043	U	85-68-7	Butylbenzylphthalate	0.014	U
105-67-9	2,4-Dimethylphenol	0.041	U	86-74-8	Carbazole	0.012	U
51-28-5	2,4-Dinitrophenol	0.034	U	**218-01-9**	**Chrysene**	**0.0065**	**0.27**
121-14-2	2,4-Dinitrotoluene	0.018	U	84-74-2	Di-n-butylphthalate	0.0079	U
606-20-2	2,6-Dinitrotoluene	0.012	U	117-84-0	Di-n-octylphthalate	0.0083	U
91-58-7	2-Chloronaphthalene	0.015	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.018**	**0.036**
95-57-8	2-Chlorophenol	0.024	U	132-64-9	Dibenzofuran	0.061	U
91-57-6	2-Methylnaphthalene	0.036	U	84-66-2	Diethylphthalate	0.0084	U
95-48-7	2-Methylphenol	0.078	U	131-11-3	Dimethylphthalate	0.018	U
88-74-4	2-Nitroaniline	0.053	U	**206-44-0**	**Fluoranthene**	**0.013**	**0.43**
88-75-5	2-Nitrophenol	0.047	U	86-73-7	Fluorene	0.0075	U
106-44-5	3&4-Methylphenol	0.095	U	118-74-1	Hexachlorobenzene	0.020	U
91-94-1	3,3'-Dichlorobenzidine	0.15	U	87-68-3	Hexachlorobutadiene	0.012	U
99-09-2	3-Nitroaniline	0.095	U	77-47-4	Hexachlorocyclopentadiene	0.22	U
534-52-1	4,6-Dinitro-2-methylphenol	0.043	U	67-72-1	Hexachloroethane	0.018	U
101-55-3	4-Bromophenyl-phenylether	0.017	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.025**	**0.15**
59-50-7	4-Chloro-3-methylphenol	0.070	U	78-59-1	Isophorone	0.0081	U
106-47-8	4-Chloroaniline	0.25	U	621-64-7	N-Nitroso-di-n-propylamine	0.019	U
7005-72-3	4-Chlorophenyl-phenylether	0.014	U	62-75-9	N-Nitrosodimethylamine	0.22	U
100-01-6	4-Nitroaniline	0.085	U	86-30-6	n-Nitrosodiphenylamine	0.013	U
100-02-7	4-Nitrophenol	0.040	U	91-20-3	Naphthalene	0.0067	U
83-32-9	Acenaphthene	0.013	U	98-95-3	Nitrobenzene	0.029	U
208-96-8	**Acenaphthylene**	**0.0070**	**0.052**	87-86-5	Pentachlorophenol	0.034	U
120-12-7	**Anthracene**	**0.0088**	**0.052**	**85-01-8**	**Phenanthrene**	**0.0081**	**0.22**
92-87-5	Benzidine	0.020	U	108-95-2	Phenol	0.035	U
56-55-3	**Benzo[a]anthracene**	**0.015**	**0.29**	**129-00-0**	**Pyrene**	**0.0060**	**0.41**
50-32-8	**Benzo[a]pyrene**	**0.016**	**0.26**				

Worksheet #: 18319

Total Target Concentration 3.05

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03635.D Vial: 18
Acq On : 9 Aug 2005 17:12 Operator: AHD
Sample : AC18873-009 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:36 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	33497	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	101724	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	52457	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	77486	40.00	ng	0.00
74) Chrysene-d12	11.78	240	37165	40.00	ng	0.00
83) Perylene-d12	13.63	264	24781	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	173102	176.46	ng	0.00
Spiked Amount 200.000			Recovery = 88.23%			
8) Phenol-d5	4.20	99	228699	174.63	ng	0.00
Spiked Amount 200.000			Recovery = 87.32%			
21) Nitrobenzene-d5	4.89	128	47507	92.56	ng	0.00
Spiked Amount 100.000			Recovery = 92.56%			
41) 2-Fluorobiphenyl	6.35	172	153669	93.60	ng	0.00
Spiked Amount 100.000			Recovery = 93.60%			
64) 2,4,6-Tribromophenol	7.82	332	23368	155.13	ng	0.00
Spiked Amount 200.000			Recovery = 77.57%			
77) Terphenyl-d14	10.49	244	98231	100.66	ng	0.00
Spiked Amount 100.000			Recovery = 100.66%			
Target Compounds						Qvalue
45) Acenaphthylene	6.85	152	3391	1.48	ng	59
69) Phenanthrene	8.62	178	13166	6.24	ng	95
70) Anthracene	8.67	178	3137	1.47	ng	71
73) Fluoranthene	10.00	202	23202	12.13	ng	93
75) Pyrene	10.26	202	21544	11.67	ng	92
80) Benzo[a]anthracene	11.77	228	9878	8.21	ng	92
81) Chrysene	11.81	228	8808m	7.74	ng	
82) bis(2-Ethylhexyl)phthalate	11.90	149	7038	6.36	ng	# 50
85) Benzo[b]fluoranthene	13.16	252	9869m	10.39	ng	
86) Benzo[k]fluoranthene	13.19	252	3011m	2.84	ng	
87) Benzo[a]pyrene	13.56	252	6599	7.36	ng	95
88) Indeno[1,2,3-cd]pyrene	14.87	276	3402	4.35	ng	97
89) Dibenzo[a,h]anthracene	14.90	278	643	1.03	ng	75
90) Benzo[g,h,i]perylene	15.16	276	3661	5.84	ng	99

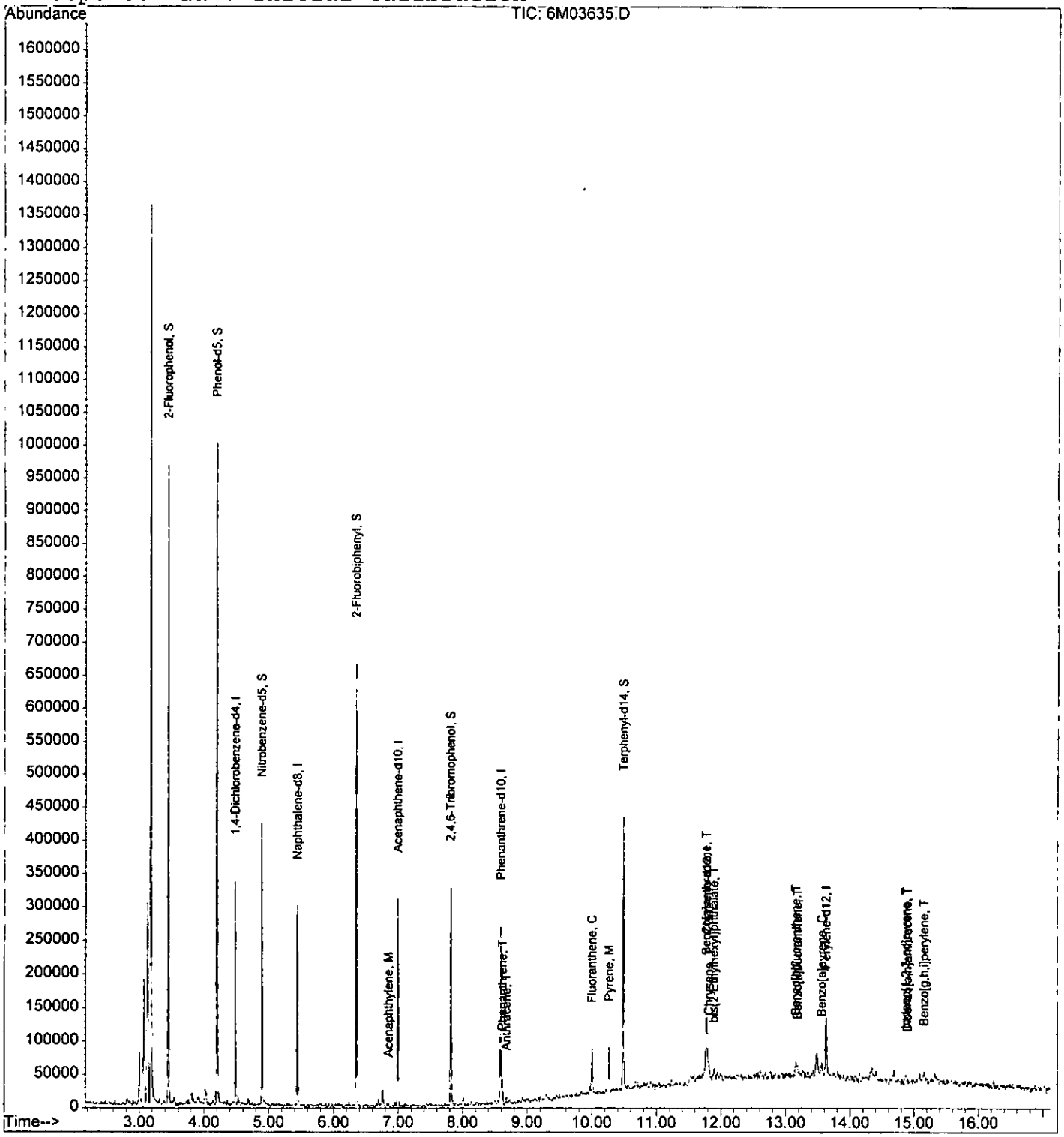
8/16/05

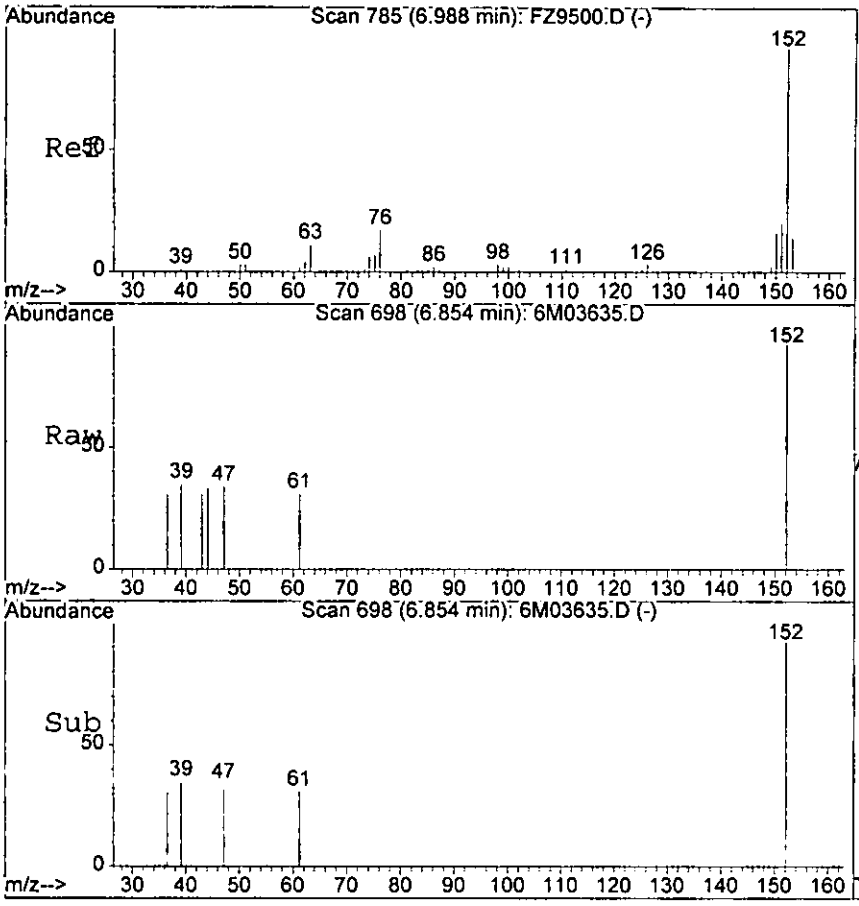
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03635.D Vial: 19
Acq On : 9 Aug 2005 17:12 Operator: AHD
Sample : AC18873-009 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:36 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration

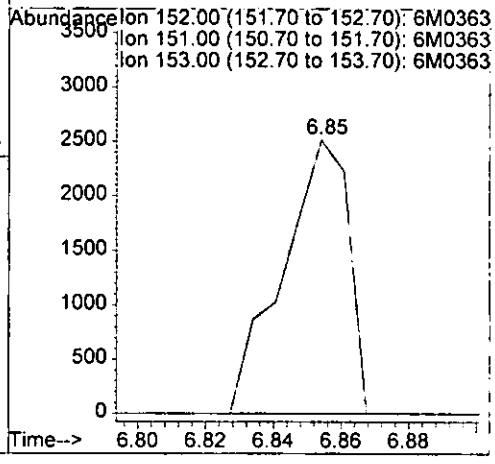




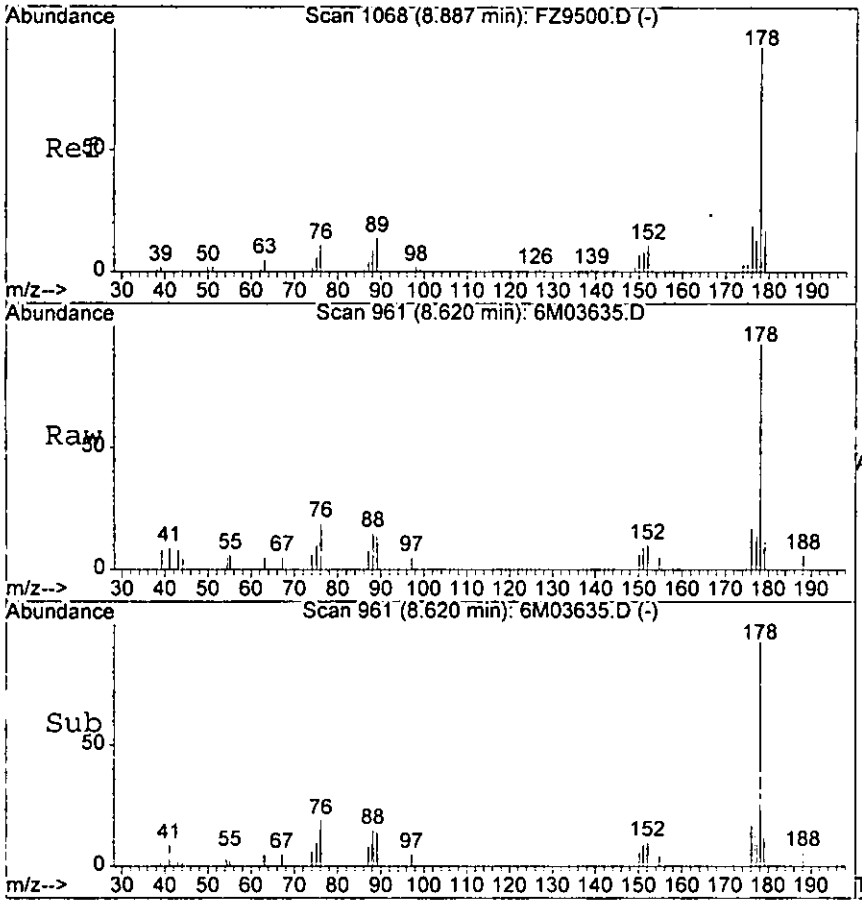
#45
Acenaphthylene
Concen: 1.48 ng
RT: 6.85 min Scan# 698
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:152 Resp: 3391

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	61.0
153	0.0	0.0	53.9



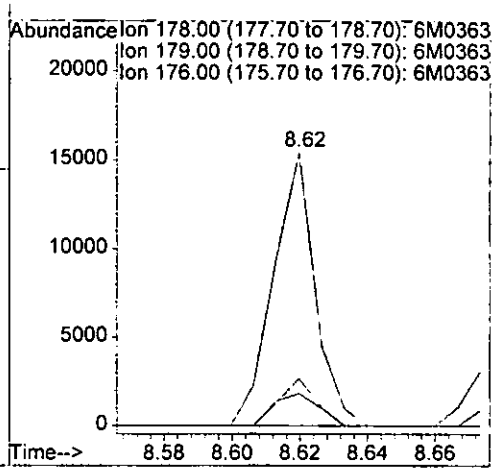
8/05



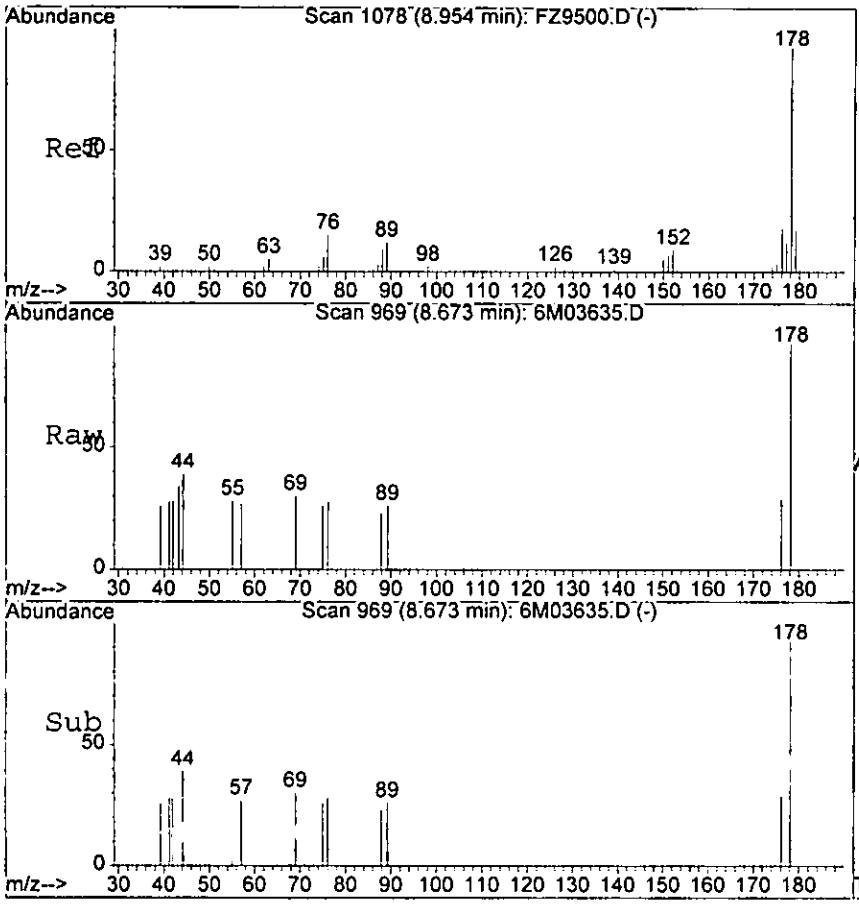
#69
Phenanthrene
Concen: 6.24 ng
RT: 8.62 min Scan# 961
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:178 Resp: 13166

Ion	Ratio	Lower	Upper
178	100		
179	11.8	0.0	54.6
176	17.4	0.0	59.3



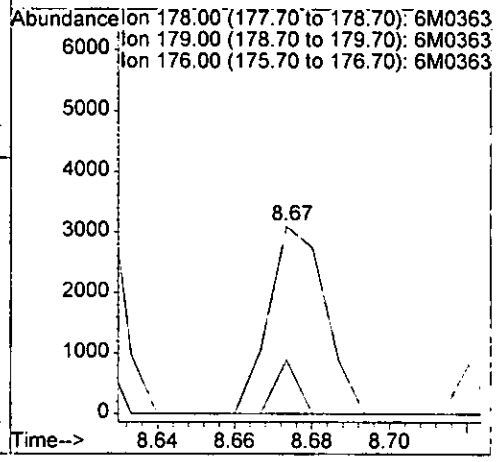
L816



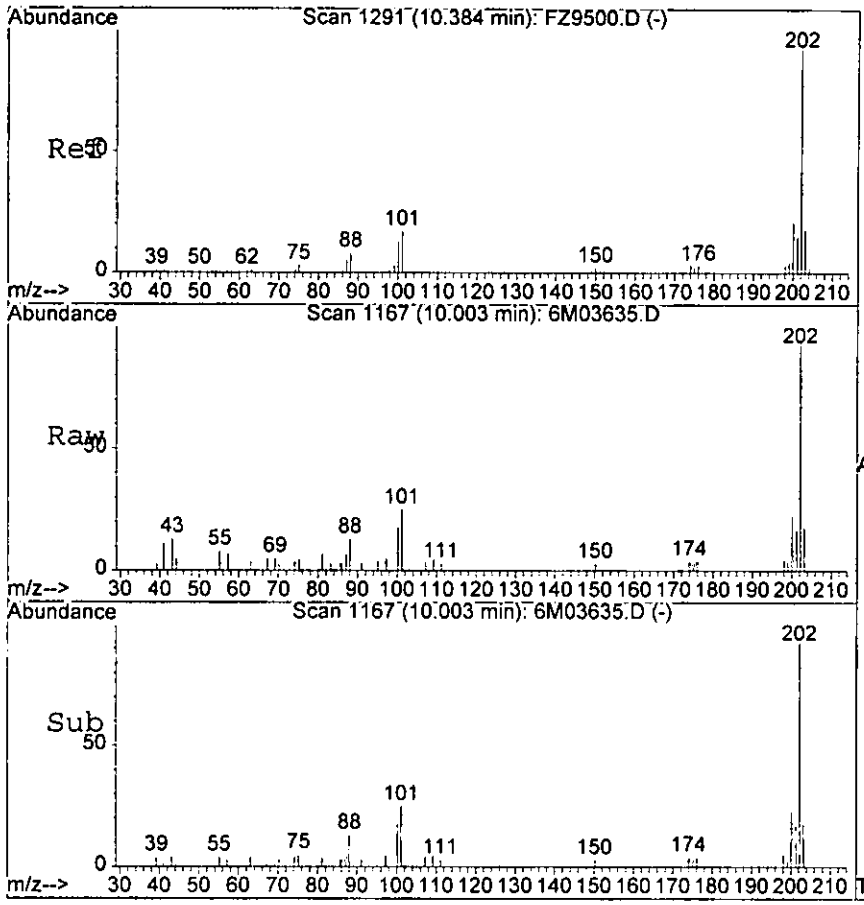
#70
Anthracene
Concen: 1.47 ng
RT: 8.67 min Scan# 969
Delta R.T. -0.01 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:178 Resp: 3137

Ion	Ratio	Lower	Upper
178	100		
179	0.0	0.0	55.2
176	28.9	0.0	58.8



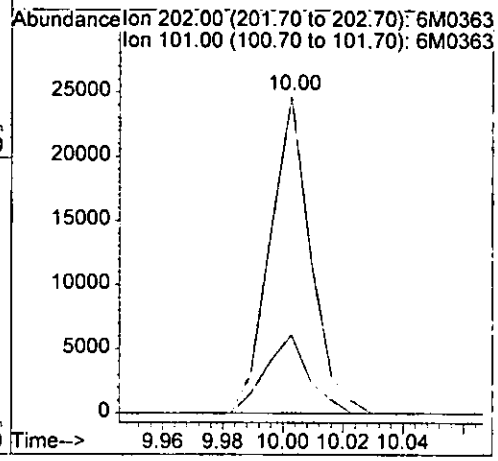
6458



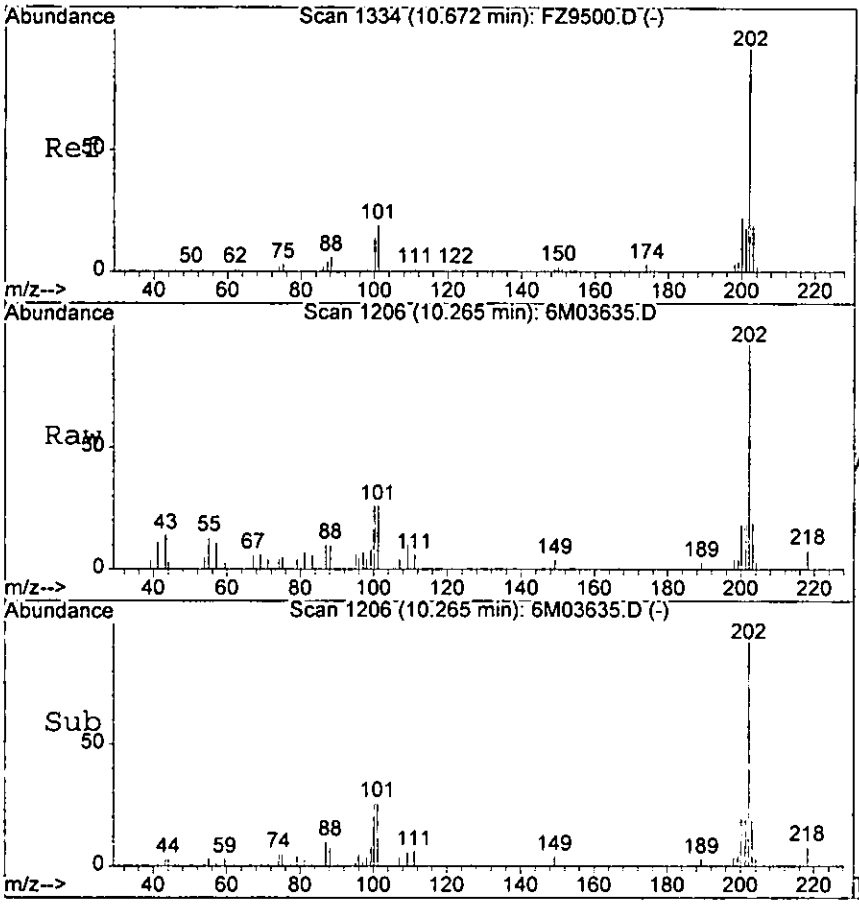
#73
Fluoranthene
Concen: 12.13 ng
RT: 10.00 min Scan# 1167
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:202 Resp: 23202

Ion	Ratio	Lower	Upper
202	100		
101	24.7	0.0	61.2



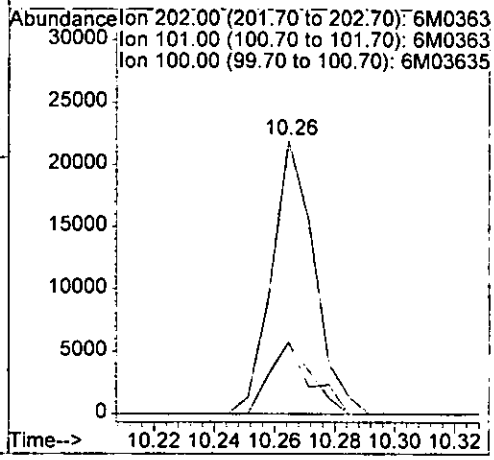
8/10/5



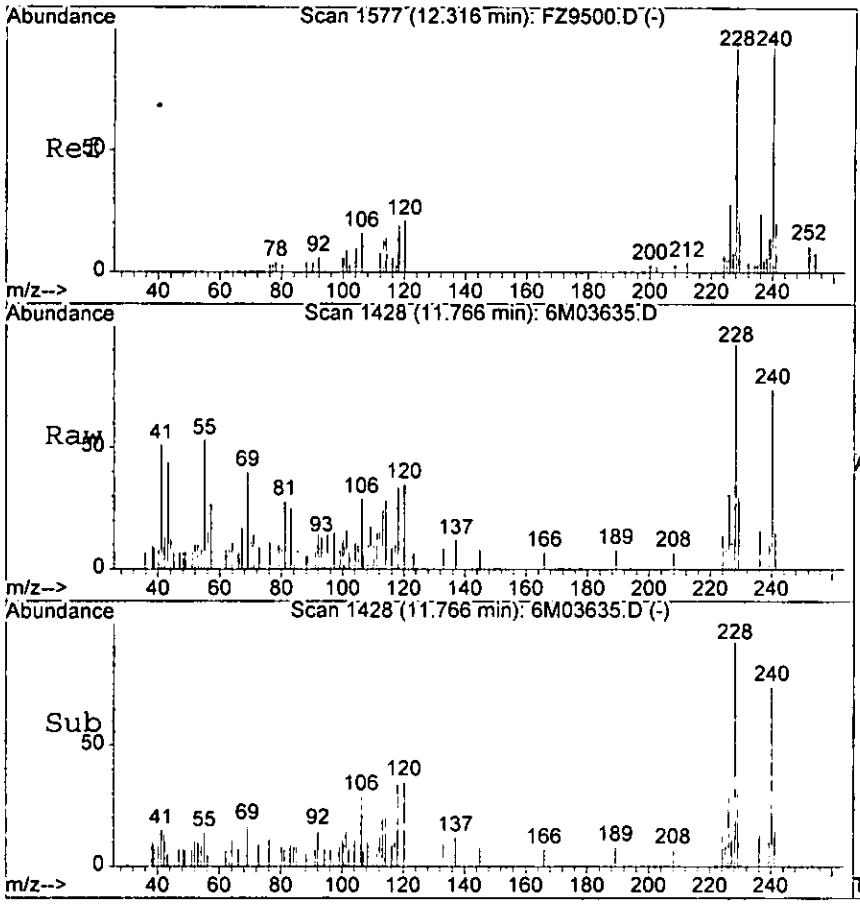
#75
Pyrene
Concen: 11.67 ng
RT: 10.26 min Scan# 1206
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:202 Resp: 21544

Ion	Ratio	Lower	Upper
202	100		
101	26.2	0.0	63.5
100	26.3	0.0	61.4



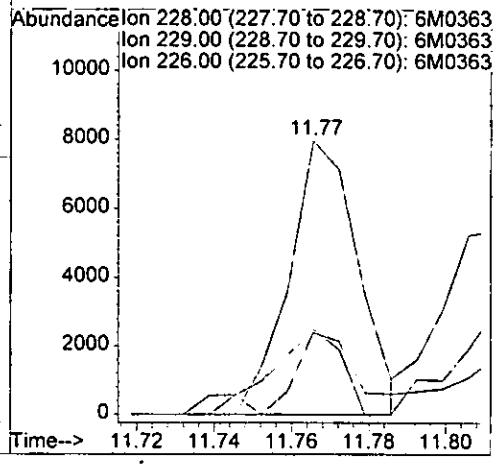
10165

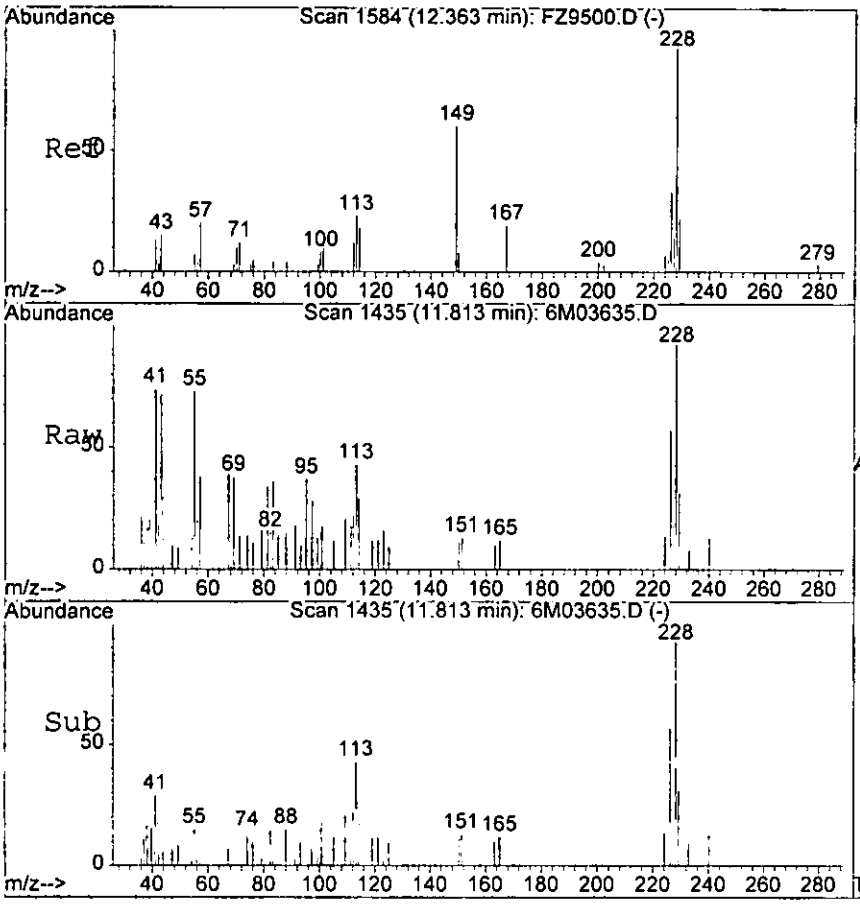


#80
Benzo[a]anthracene
Concen: 8.21 ng
RT: 11.77 min Scan# 1428
Delta R.T. -0.01 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:228 Resp: 9878

Ion	Ratio	Lower	Upper
228	100		
229	23.1	0.0	57.2
226	31.3	0.0	68.8

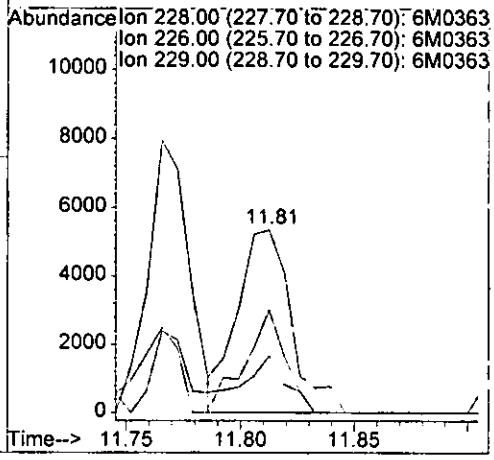




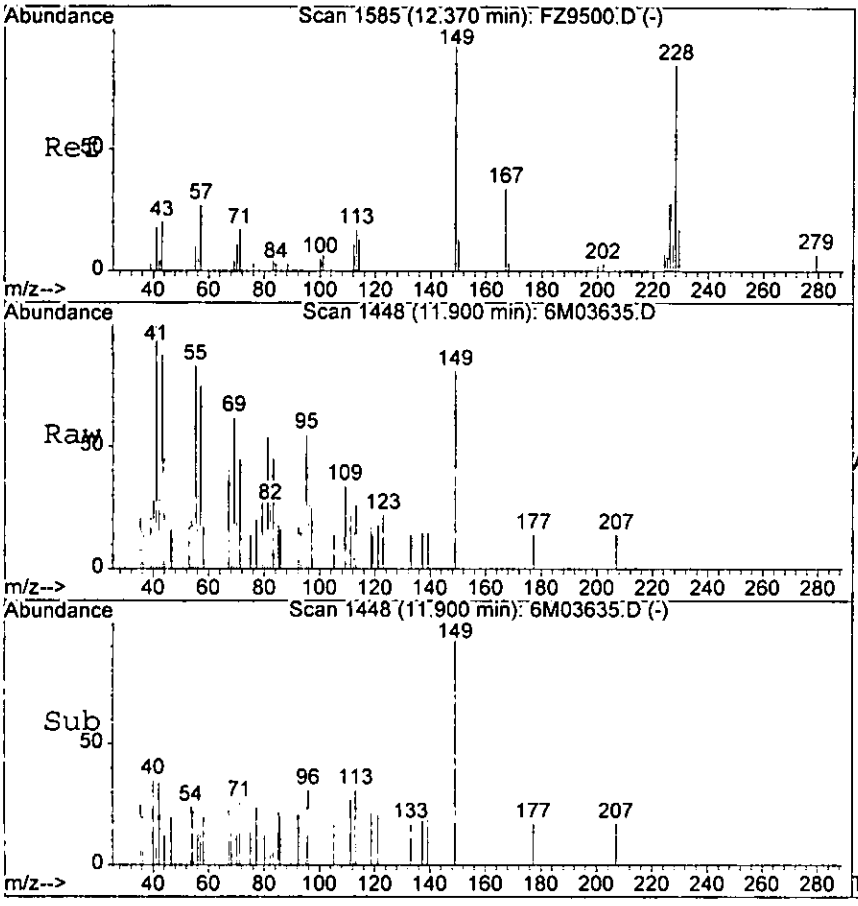
#81
Chrysene
Concen: 7.74 ng m
RT: 11.81 min Scan# 1435
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:228 Resp: 8808

Ion	Ratio	Lower	Upper
228	100		
226	56.5	9.4	49.4#
229	31.2	0.0	62.2



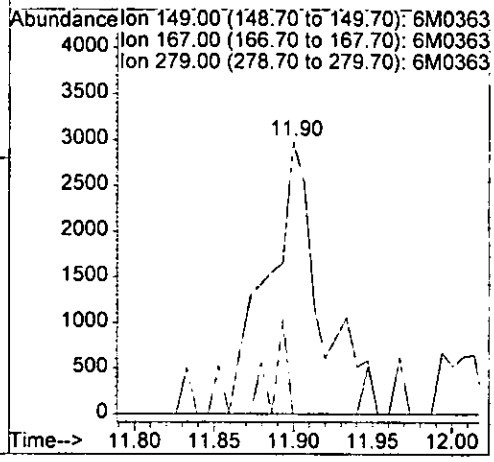
Lab

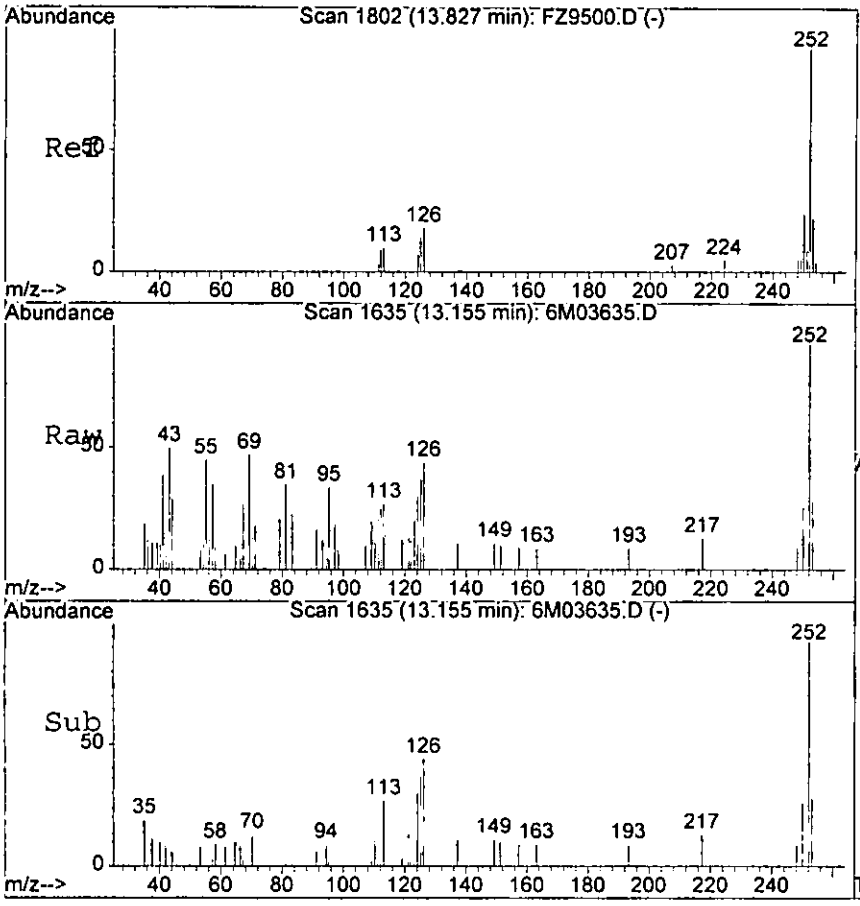


#82
bis(2-Ethylhexyl)phthalate
Concen: 6.36 ng
RT: 11.90 min Scan# 1448
Delta R.T. 0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:149 Resp: 7038

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.8	57.8#
279	0.0	0.0	44.7

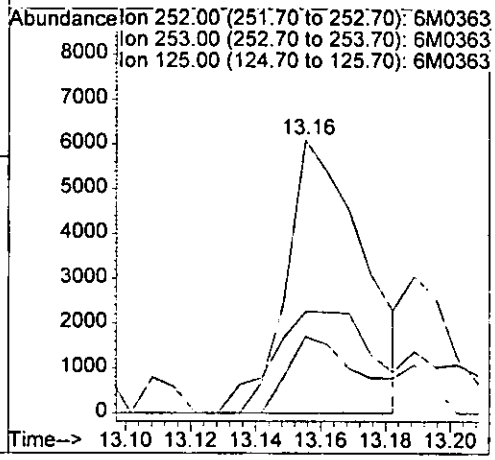




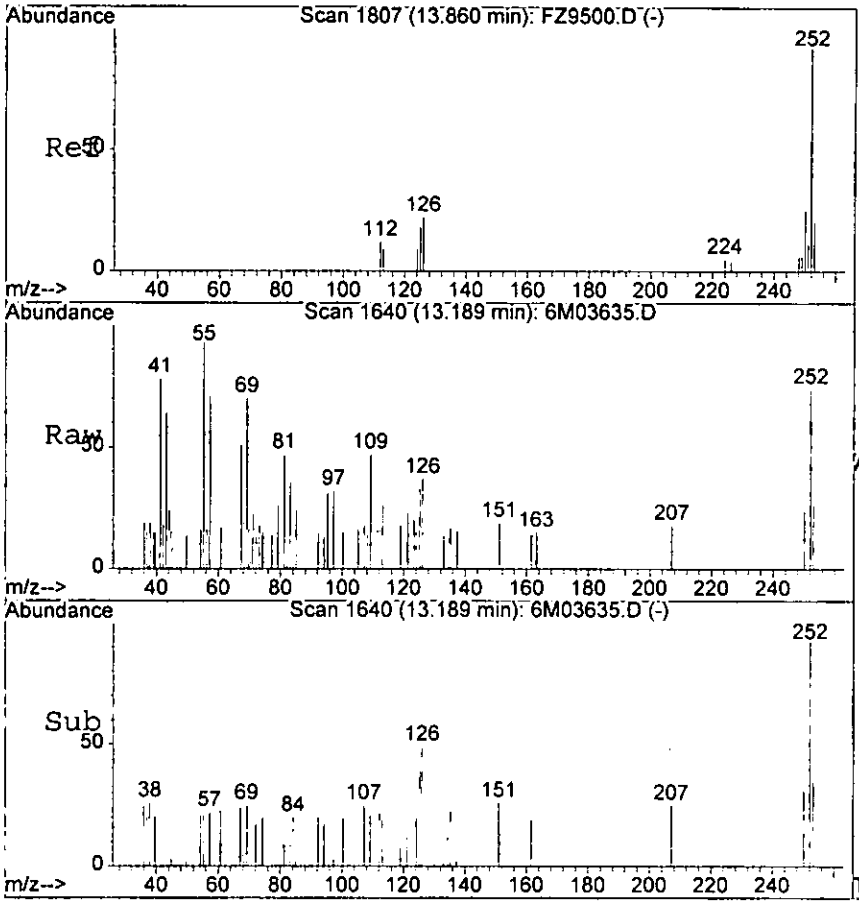
#85
Benzo[b]fluoranthene
Concen: 10.39 ng m
RT: 13.16 min Scan# 1635
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:252 Resp: 9869

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	61.3
125	37.0	0.0	70.7



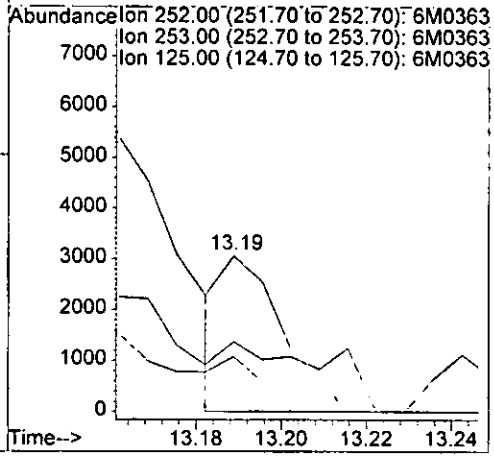
1965



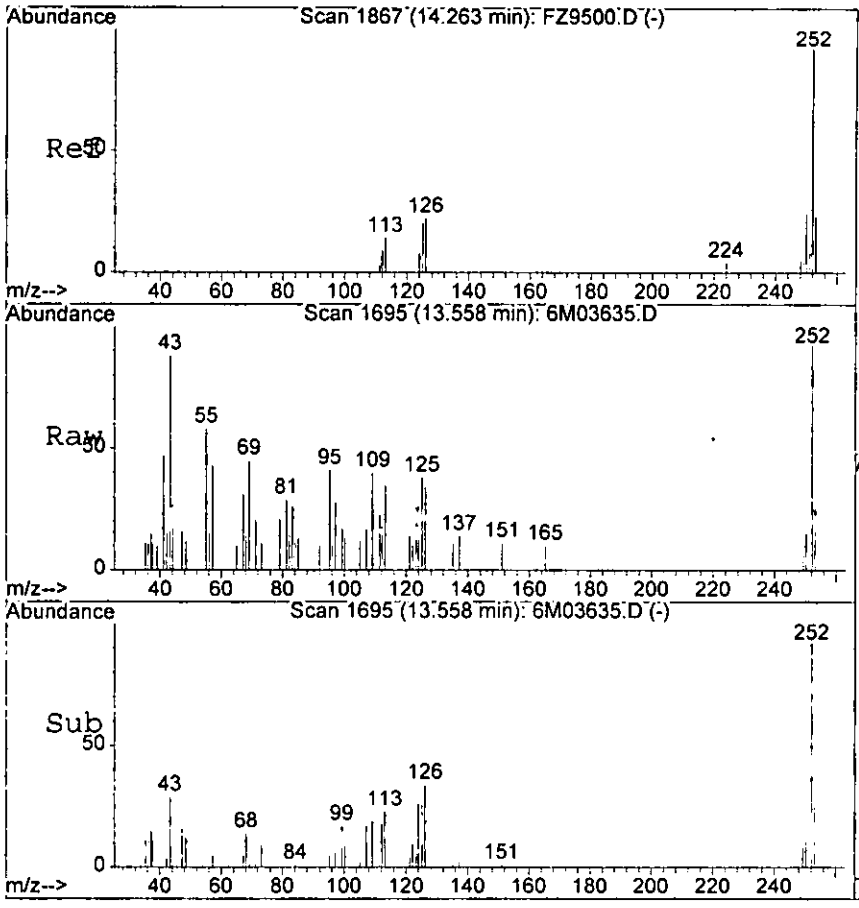
#86
Benzo[k]fluoranthene
Concen: 2.84 ng m
RT: 13.19 min Scan# 1640
Delta R.T. -0.01 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:252 Resp: 3011

Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	60.9
125	44.9	0.0	62.7



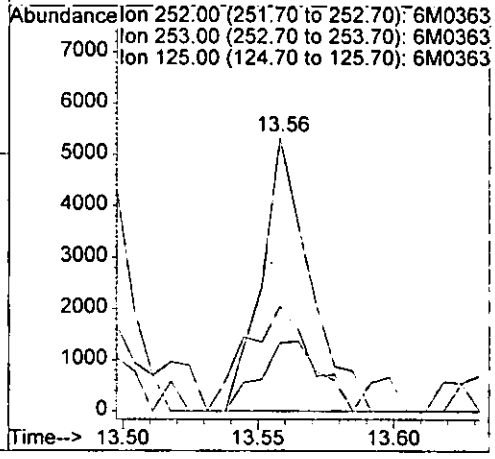
1616

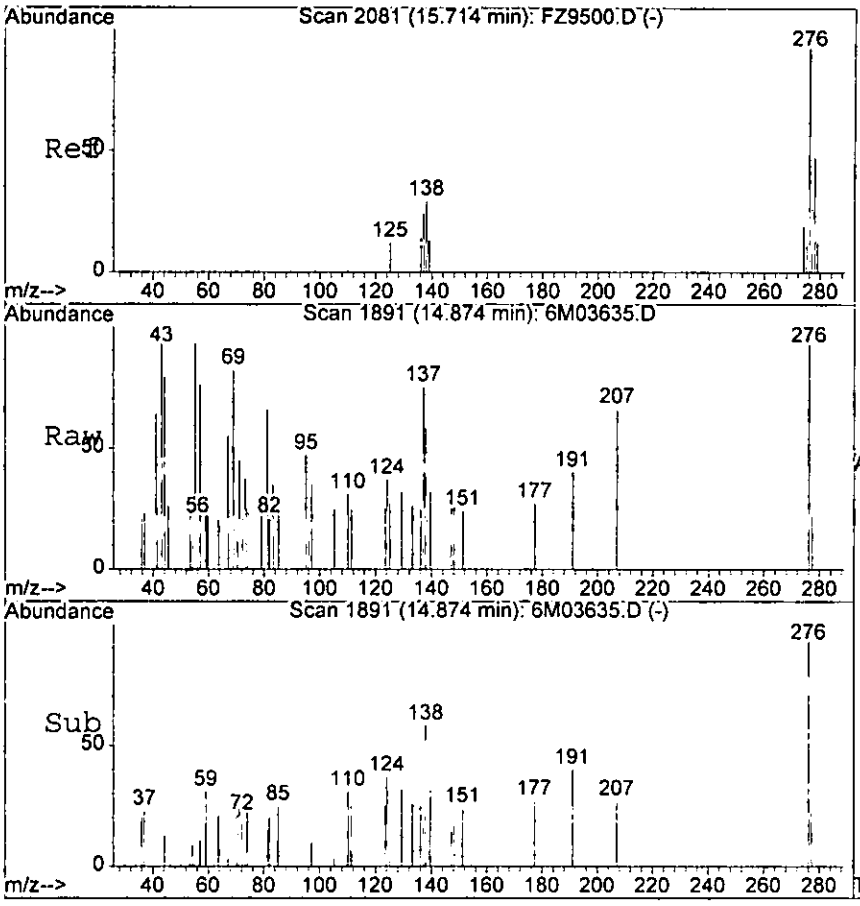


#87
Benzo[a]pyrene
Concen: 7.36 ng
RT: 13.56 min Scan# 1695
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:252 Resp: 6599

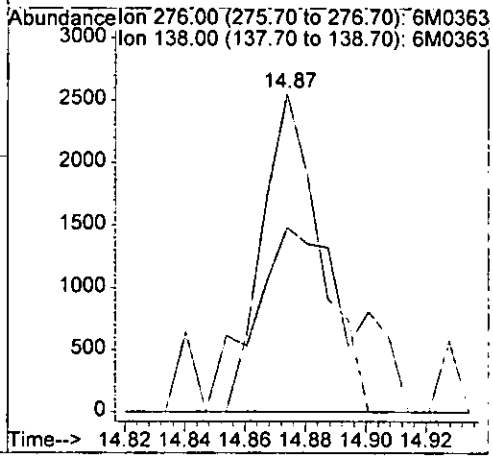
Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	64.1
125	38.2	0.0	74.1

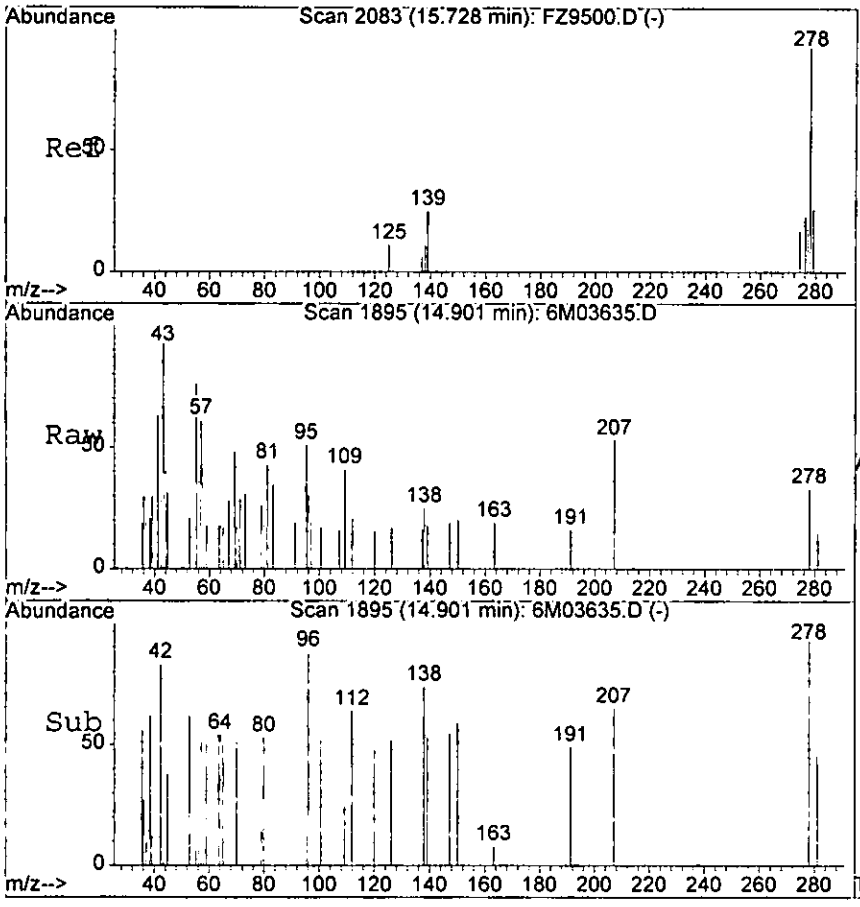




#88
Indeno[1,2,3-cd]pyrene
Concen: 4.35 ng
RT: 14.87 min Scan# 1891
Delta R.T. -0.00 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:276	Resp:	3402	
Ion	Ratio	Lower	Upper
276	100		
138	58.1	20.2	100.2

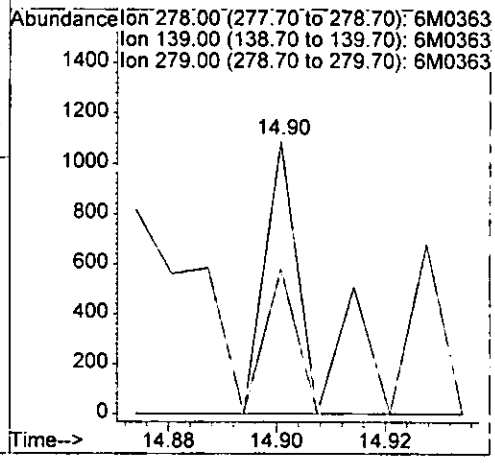


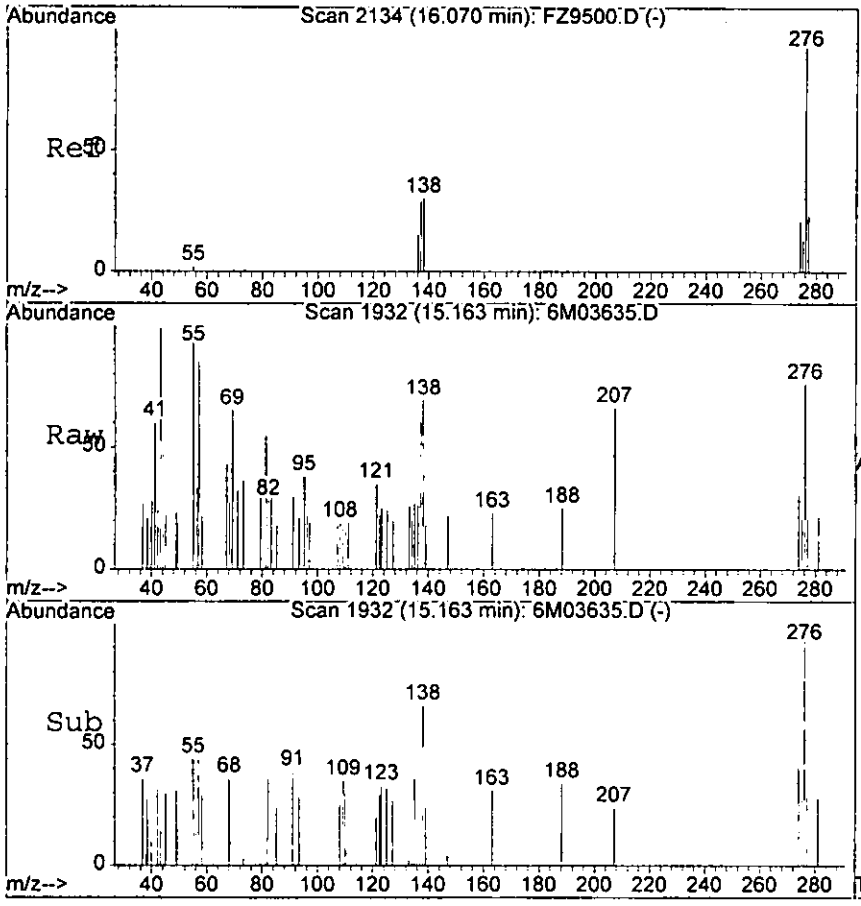


#89
Dibenzo[a,h]anthracene
Concen: 1.03 ng
RT: 14.90 min Scan# 1895
Delta R.T. -0.01 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:278 Resp: 643

Ion	Ratio	Lower	Upper
278	100		
139	53.2	5.4	85.4
279	0.0	0.0	63.9

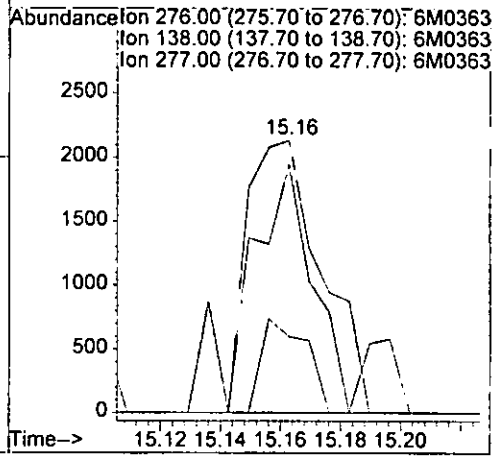




#90
Benzo[g,h,i]perylene
Concen: 5.84 ng
RT: 15.16 min Scan# 1932
Delta R.T. 0.01 min
Lab File: 6M03635.D
Acq: 9 Aug 2005 17:12

Tgt Ion:276 Resp: 3661

Ion	Ratio	Lower	Upper
276	100		
138	64.2	24.4	104.4
277	28.1	0.0	67.2



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-010(10X)
Client Id: PCSB-42(2.5')
Data File: 4M05492.D
Analysis Date: 08/10/05 12:08
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 10
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.096	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.11**	**3.9**
95-50-1	1,2-Dichlorobenzene	0.16	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.067**	**2.3**
122-66-7	1,2-Diphenylhydrazine	0.10	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.12**	**1.4**
541-73-1	1,3-Dichlorobenzene	0.15	U	111-91-1	bis(2-Chloroethoxy)methan	0.081	U
106-46-7	1,4-Dichlorobenzene	0.18	U	111-44-4	bis(2-Chloroethyl)ether	0.19	U
95-95-4	2,4,5-Trichlorophenol	4.8	U	108-60-1	bis(2-chloroisopropyl)ether	0.12	U
88-06-2	2,4,6-Trichlorophenol	8.6	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.32	U
120-83-2	2,4-Dichlorophenol	0.57	U	85-68-7	Butylbenzylphthalate	0.14	U
105-67-9	2,4-Dimethylphenol	0.49	U	86-74-8	Carbazole	0.11	U
51-28-5	2,4-Dinitrophenol	2.4	U	**218-01-9**	**Chrysene**	**0.073**	**2.3**
121-14-2	2,4-Dinitrotoluene	0.13	U	84-74-2	Di-n-butylphthalate	0.079	U
606-20-2	2,6-Dinitrotoluene	0.15	U	117-84-0	Di-n-octylphthalate	0.084	U
91-58-7	2-Chloronaphthalene	0.098	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.12**	**0.61**
95-57-8	2-Chlorophenol	0.72	U	**132-64-9**	**Dibenzofuran**	**0.45**	**1.5**
91-57-6	**2-Methylnaphthalene**	**0.46**	**4.1**	84-66-2	Diethylphthalate	0.097	U
95-48-7	2-Methylphenol	1.7	U	131-11-3	Dimethylphthalate	0.080	U
88-74-4	2-Nitroaniline	0.25	U	**206-44-0**	**Fluoranthene**	**0.10**	**3.9**
88-75-5	2-Nitrophenol	0.41	U	**86-73-7**	**Fluorene**	**0.090**	**3.7**
106-44-5	3&4-Methylphenol	1.9	U	118-74-1	Hexachlorobenzene	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.78	U	87-68-3	Hexachlorobutadiene	0.15	U
99-09-2	3-Nitroaniline	1.5	U	77-47-4	Hexachlorocyclopentadiene	0.94	U
534-52-1	4,6-Dinitro-2-methylphenol	0.67	U	67-72-1	Hexachloroethane	0.26	U
101-55-3	4-Bromophenyl-phenylether	0.14	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.049**	**2.1**
59-50-7	4-Chloro-3-methylphenol	0.90	U	78-59-1	Isophorone	0.11	U
106-47-8	4-Chloroaniline	2.7	U	621-64-7	N-Nitroso-di-n-propylamine	0.17	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	62-75-9	N-Nitrosodimethylamine	4.2	U
100-01-6	4-Nitroaniline	0.87	U	86-30-6	n-Nitrosodiphenylamine	0.17	U
100-02-7	4-Nitrophenol	0.63	U	**91-20-3**	**Naphthalene**	**0.083**	**2.6**
83-32-9	**Acenaphthene**	**0.15**	**3.2**	98-95-3	Nitrobenzene	0.14	U
208-96-8	Acenaphthylene	0.082	U	87-86-5	Pentachlorophenol	0.44	U
120-12-7	**Anthracene**	**0.093**	**0.94**	**85-01-8**	**Phenanthrene**	**0.082**	**6.5**
92-87-5	Benzidine	0.80	U	108-95-2	Phenol	0.54	U
56-55-3	**Benzo[a]anthracene**	**0.062**	**1.7**	**129-00-0**	**Pyrene**	**0.082**	**3.0**
50-32-8	**Benzo[a]pyrene**	**0.082**	**2.8**				

Worksheet #: 18319

Total Target Concentration 46.55

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05492.D Vial: 26
Acq On : 10 Aug 2005 12:08 Operator: AHD
Sample : AC18873-010(10X) Inst : GCMS_4
Misc : S,BN:10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:37 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	38168	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	104923	40.00	ng	0.00
35) Acenaphthene-d10	7.42	164	52530	40.00	ng	0.00
59) Phenanthrene-d10	9.02	188	72386	40.00	ng	0.00
72) Chrysene-d12	12.21	240	59638	40.00	ng	0.00
81) Perylene-d12	14.06	264	48108	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	20538	19.35	ng	0.00
Spiked Amount 200.000			Recovery = 9.68%			
7) Phenol-d5	4.57	99	26487	19.87	ng	-0.01
Spiked Amount 200.000			Recovery = 9.94%			
20) Nitrobenzene-d5	5.30	128	4452	8.78	ng	0.00
Spiked Amount 100.000			Recovery = 8.78%			
40) 2-Fluorobiphenyl	6.78	172	18150	10.11	ng	0.00
Spiked Amount 100.000			Recovery = 10.11%			
62) 2,4,6-Tribromophenol	8.25	332	6901	18.93	ng	0.00
Spiked Amount 200.000			Recovery = 9.47%			
75) Terphenyl-d14	10.91	244	15551	9.20	ng	0.00
Spiked Amount 100.000			Recovery = 9.20%			
Target Compounds						Qvalue
29) Naphthalene	5.88	128	18336	7.39	ng	78
33) 2-Methylnaphthalene	6.45	142	18584	11.64	ng	95
49) Acenaphthene	7.45	153	13662	9.09	ng	91
52) Dibenzofuran	7.63	168	7685	4.18	ng	75
55) Fluorene	7.99	166	14774	10.48	ng	92
67) Phenanthrene	9.05	178	33884	18.36	ng	98
68) Anthracene	9.10	178	4883	2.66	ng	64
71) Fluoranthene	10.43	202	17805	10.95	ng	97
73) Pyrene	10.70	202	20096	8.42	ng	86
78) Benzo[a]anthracene	12.19	228	9410	4.91	ng	88
79) Chrysene	12.24	228	10906	6.42	ng	93
83) Benzo[b]fluoranthene	13.58	252	19540m	10.99	ng	
84) Benzo[k]fluoranthene	13.60	252	6580m	4.05	ng	
85) Benzo[a]pyrene	13.99	252	12376	7.90	ng	96
86) Indeno[1,2,3-cd]pyrene	15.30	276	10530	5.96	ng	78
87) Dibenzo[a,h]anthracene	15.32	278	2436	1.73	ng	51
88) Benzo[g,h,i]perylene	15.57	276	9719	6.57	ng	92

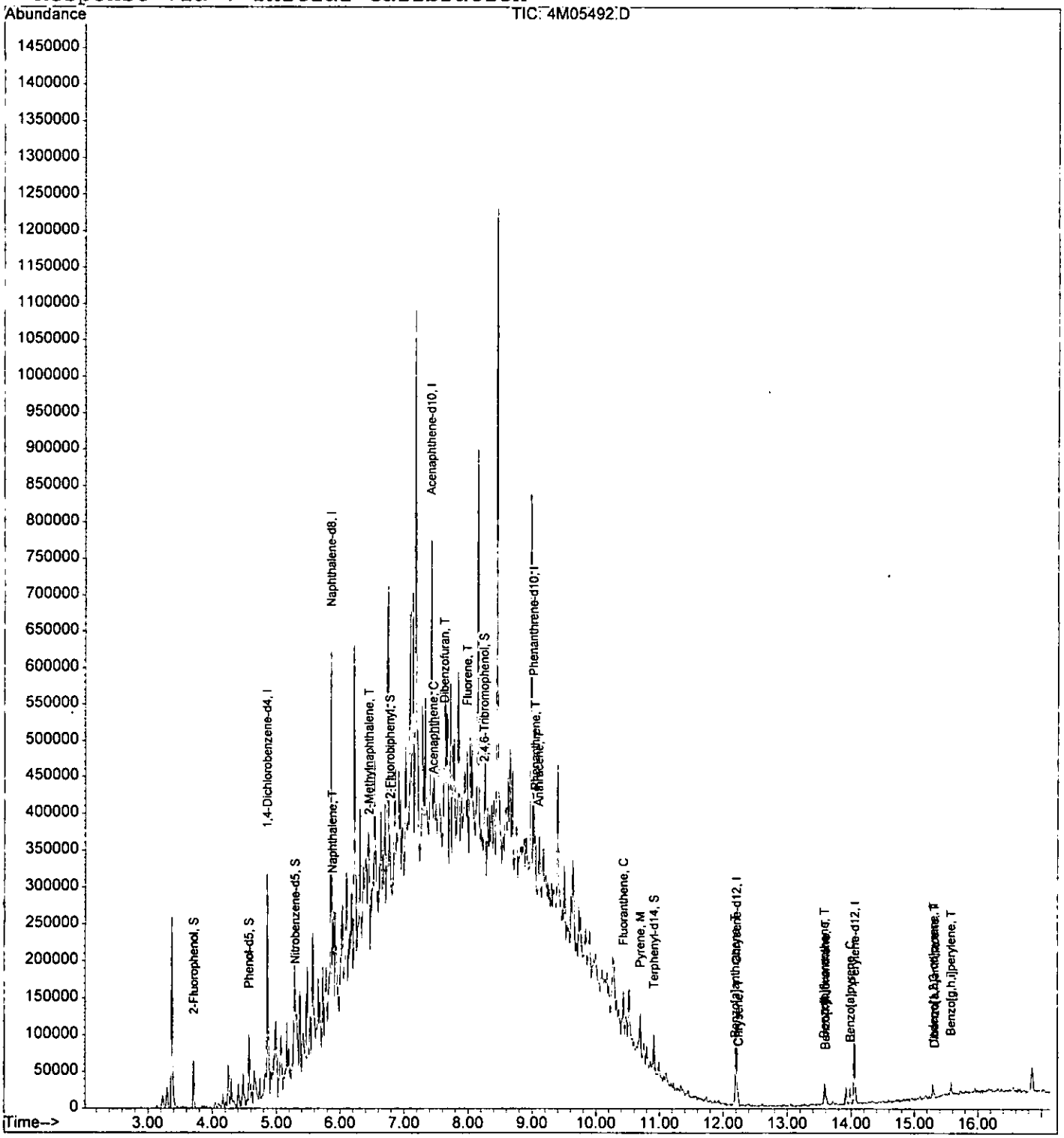
8/16

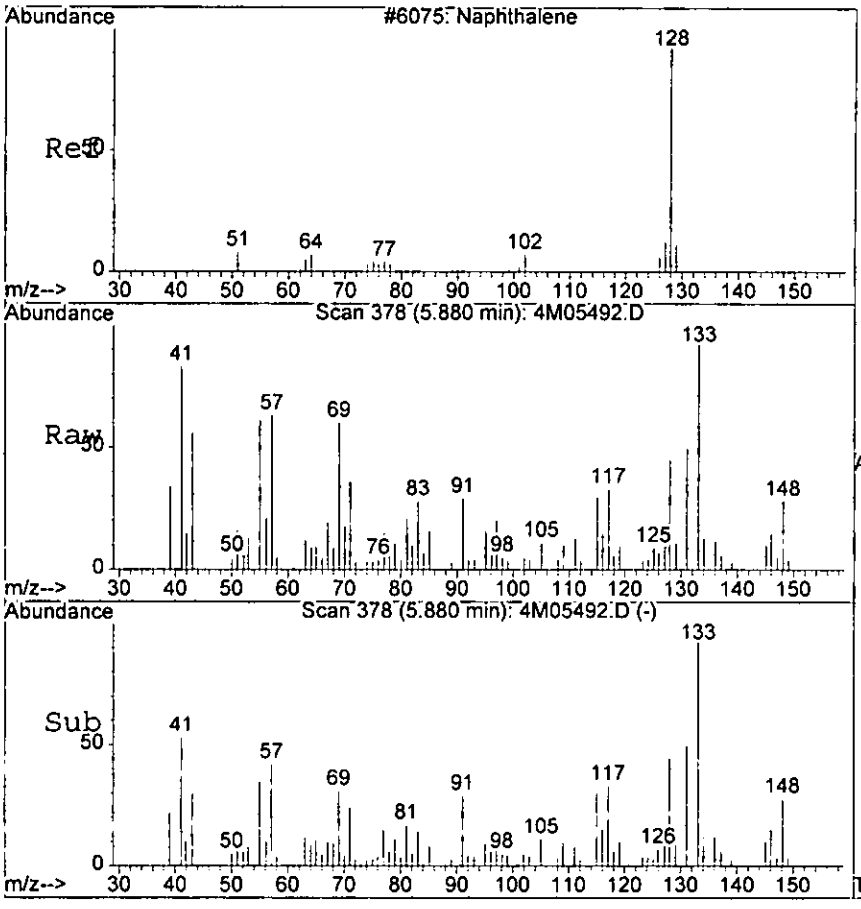
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05492.D Vial: 26
Acq On : 10 Aug 2005 12:08 Operator: AHD
Sample : AC18873-010(10X) Inst : GCMS_4
Misc : S,BN:10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:37 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

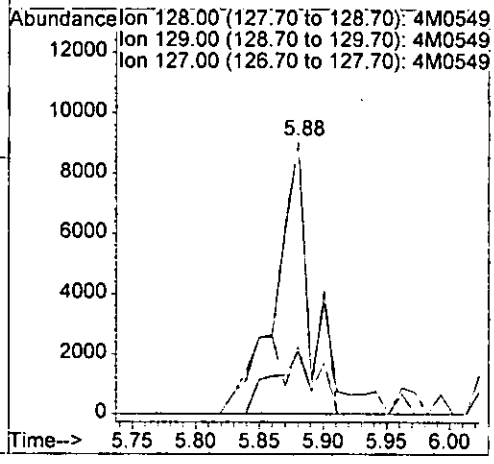




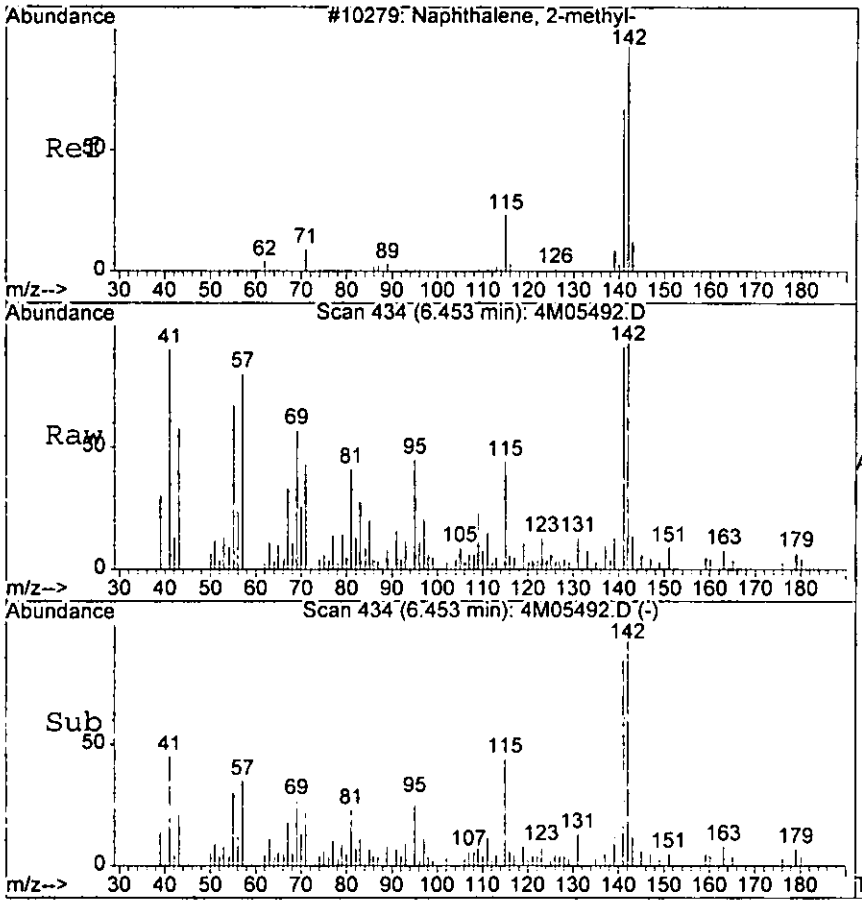
#29
Naphthalene
Concen: 7.39 ng
RT: 5.88 min Scan# 378
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:128 Resp: 18336

Ion	Ratio	Lower	Upper
128	100		
129	24.7	0.0	51.8
127	22.8	0.0	57.0



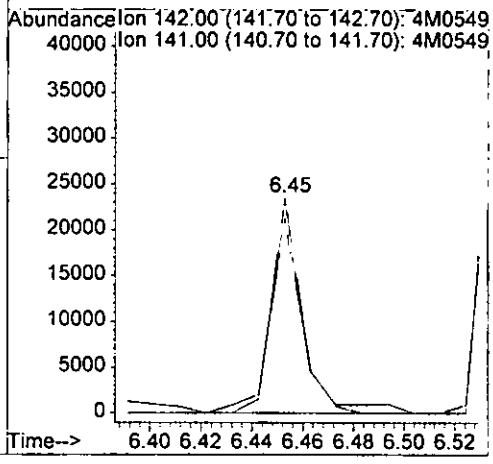
8558



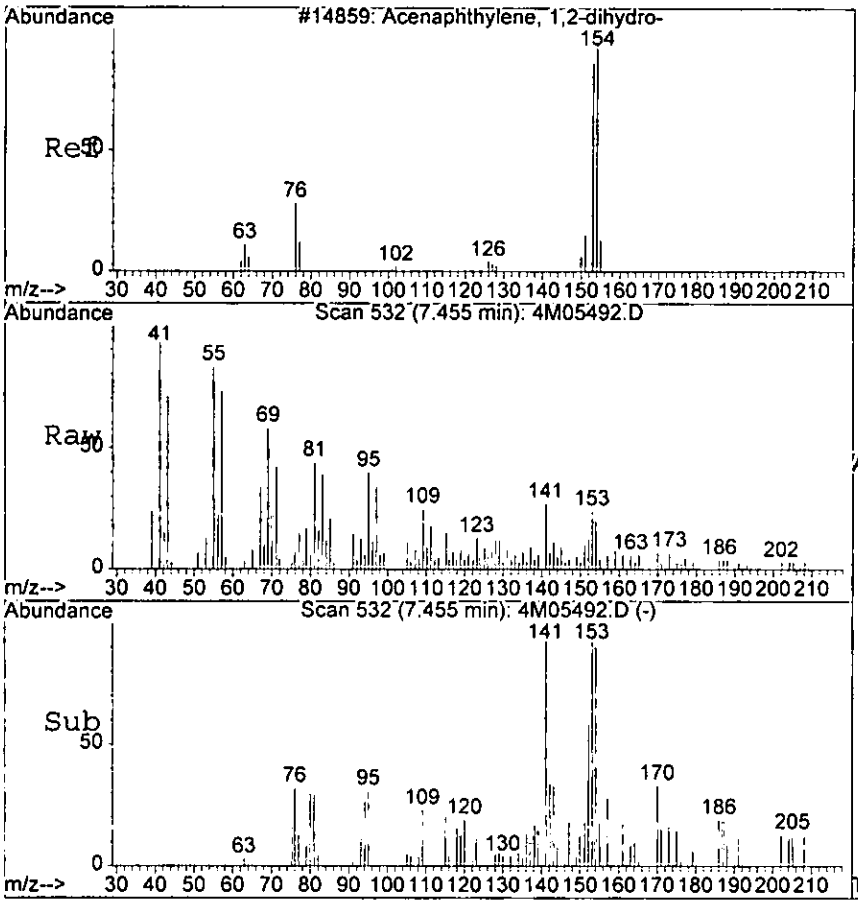
#33
2-Methylnaphthalene
Concen: 11.64 ng
RT: 6.45 min Scan# 434
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:142 Resp: 18584

Ion	Ratio	Lower	Upper
142	100		
141	90.8	55.7	135.7



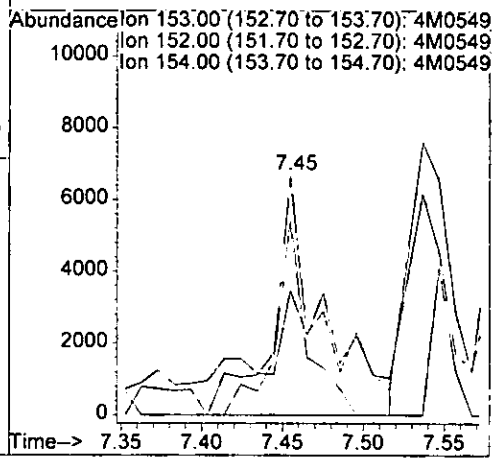
Lab

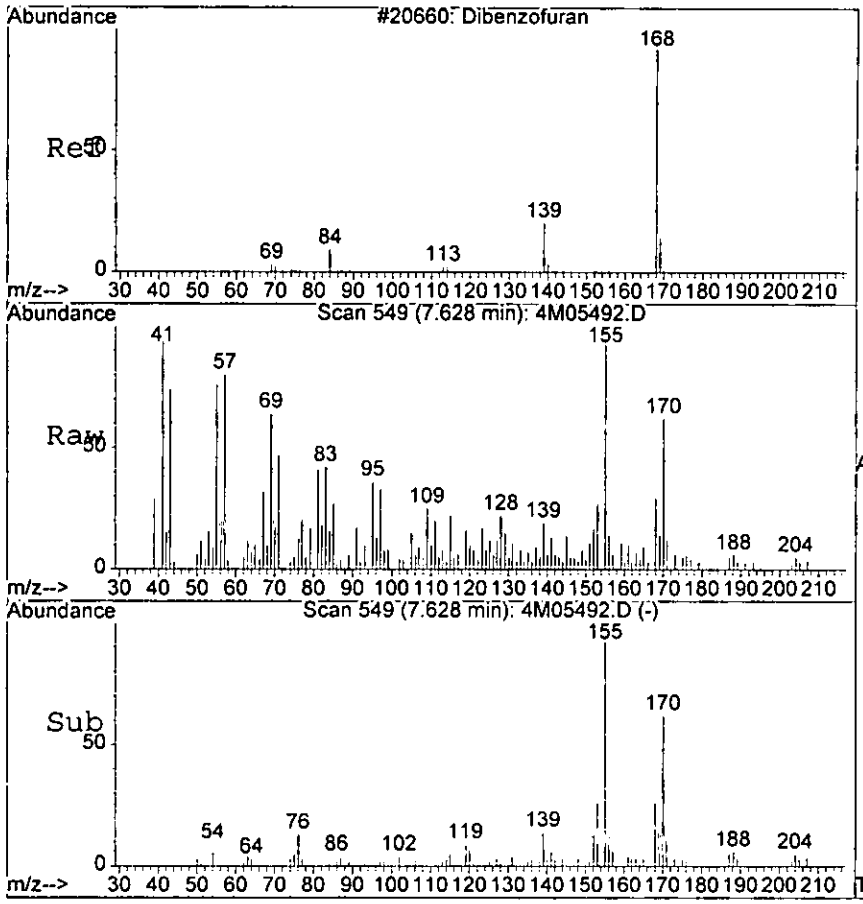


#49
Acenaphthene
Concen: 9.09 ng
RT: 7.45 min Scan# 532
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:153 Resp: 13662

Ion	Ratio	Lower	Upper
153	100		
152	37.6	8.3	88.3
154	81.1	45.1	125.1

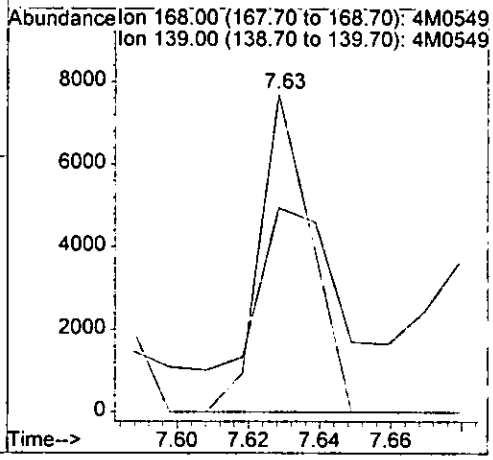


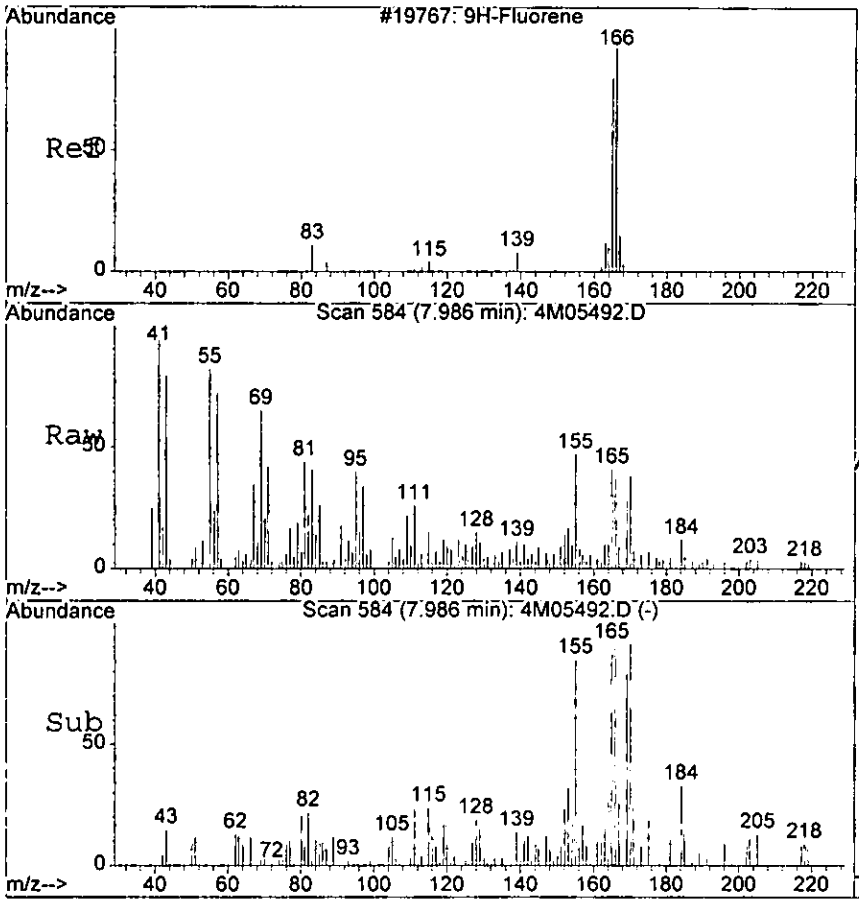


#52
Dibenzofuran
Concen: 4.18 ng
RT: 7.63 min Scan# 549
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:168 Resp: 7685

Ion	Ratio	Lower	Upper
168	100		
139	51.0	6.0	66.0

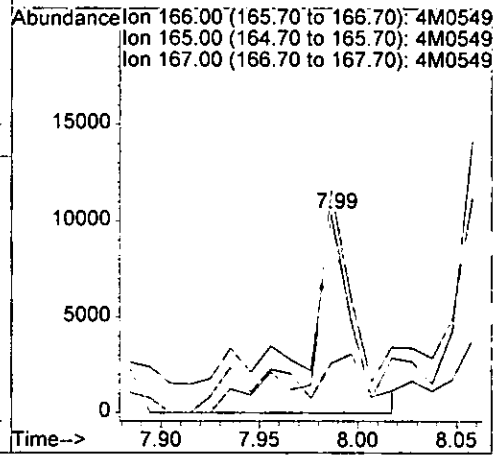


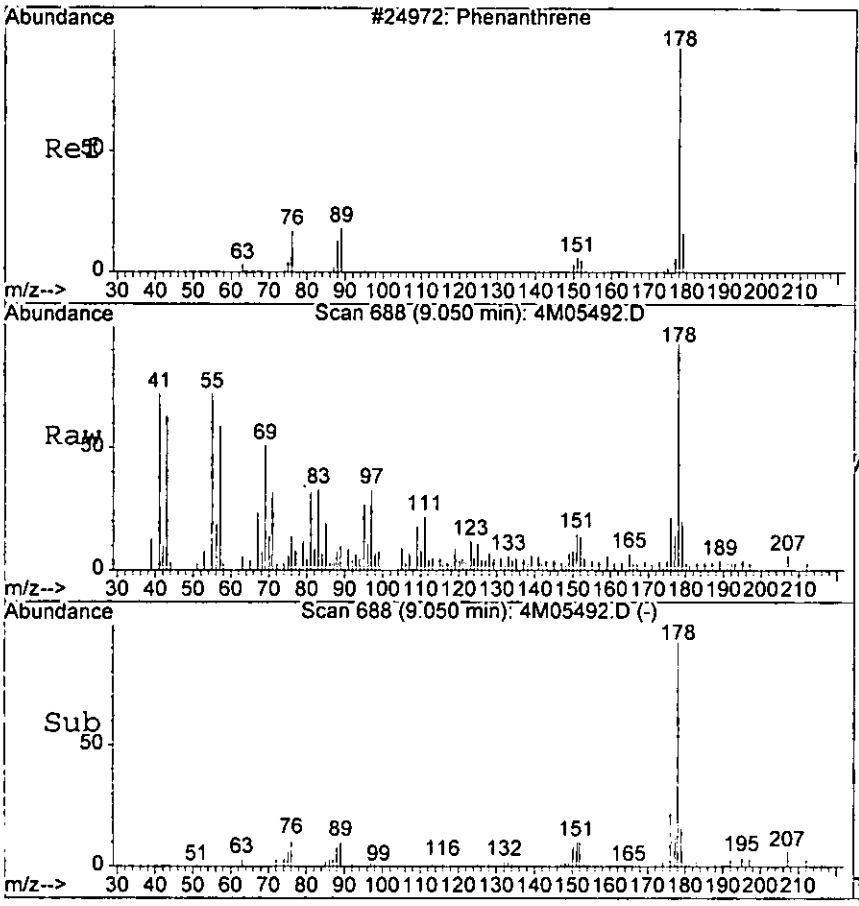


#55
Fluorene
Concen: 10.48 ng
RT: 7.99 min Scan# 584
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:166 Resp: 14774

Ion	Ratio	Lower	Upper
166	100		
165	94.7	63.3	143.3
167	16.9	0.0	54.6

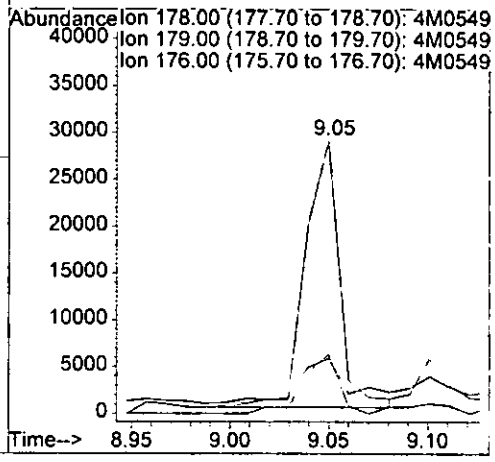


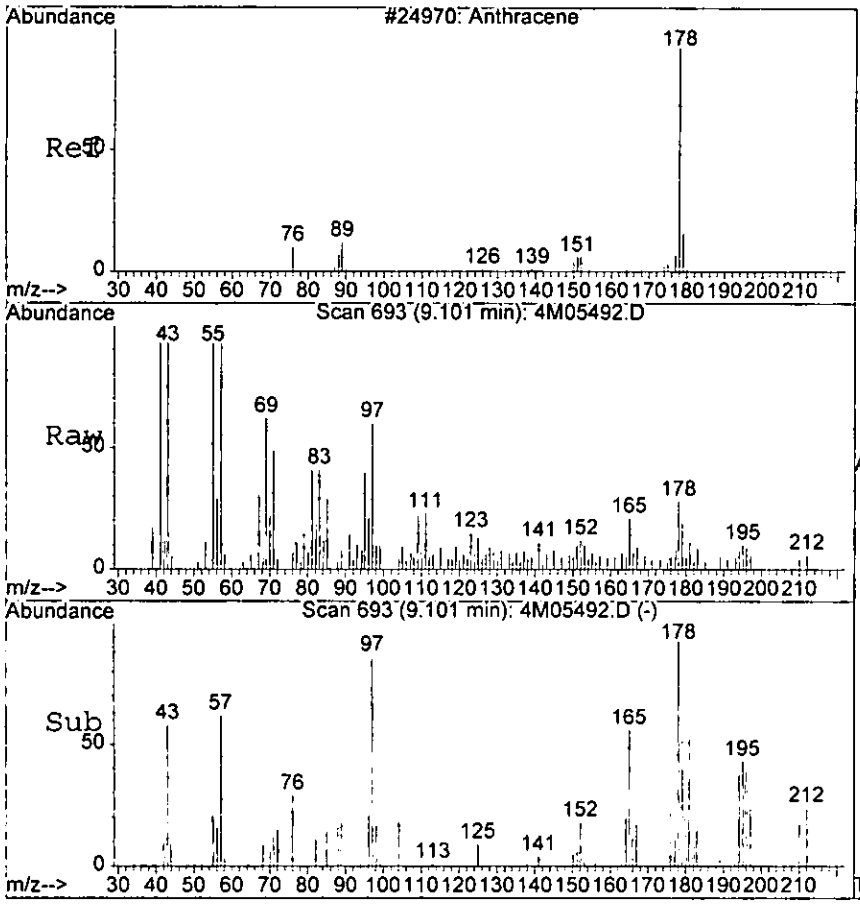


#67
Phenanthrene
Concen: 18.36 ng
RT: 9.05 min Scan# 688
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:178 Resp: 33884

Ion	Ratio	Lower	Upper
178	100		
179	16.9	0.0	56.6
176	22.2	0.0	60.5

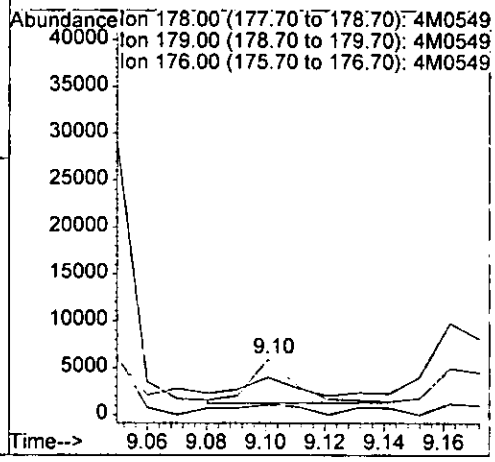


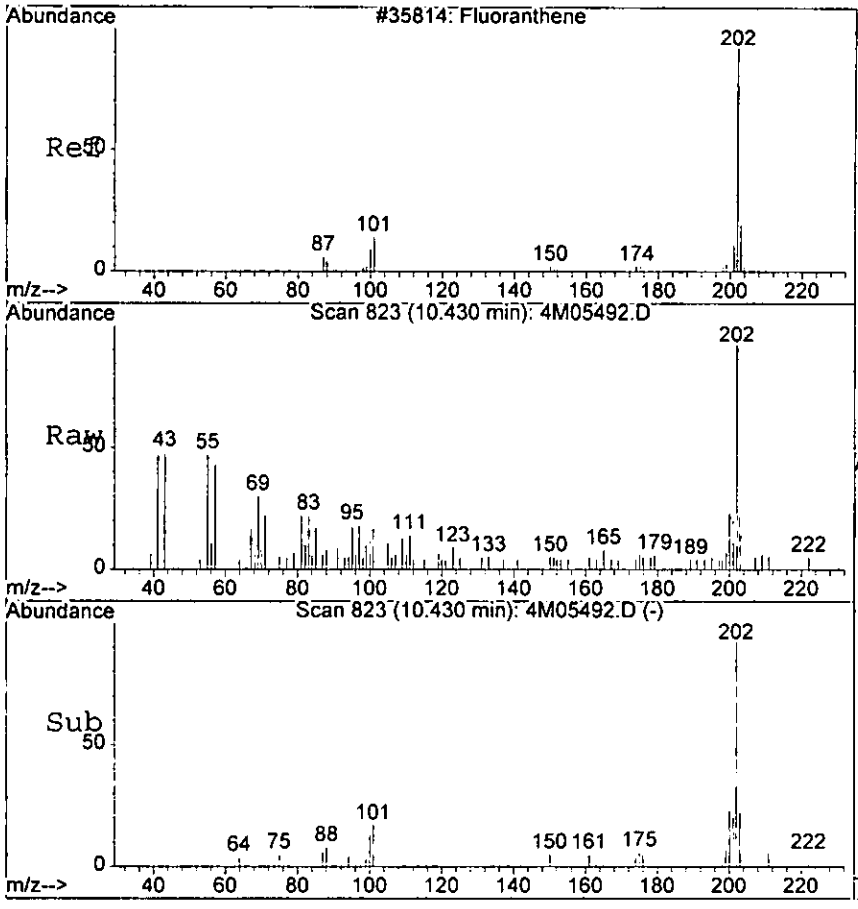


#68
Anthracene
Concen: 2.66 ng
RT: 9.10 min Scan# 693
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

0576

Tgt Ion:178	Resp:	4883	
Ion	Ratio	Lower	Upper
178	100		
179	37.8	0.0	56.6
176	8.8	0.0	60.2

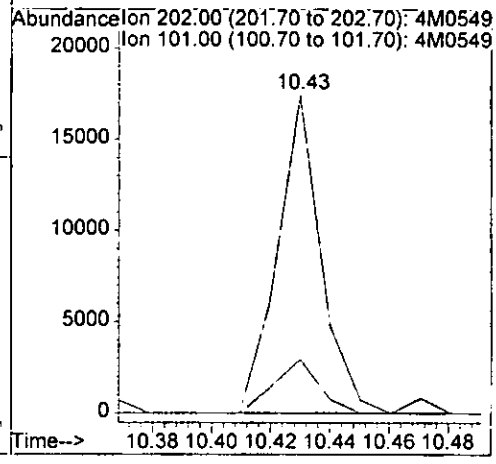


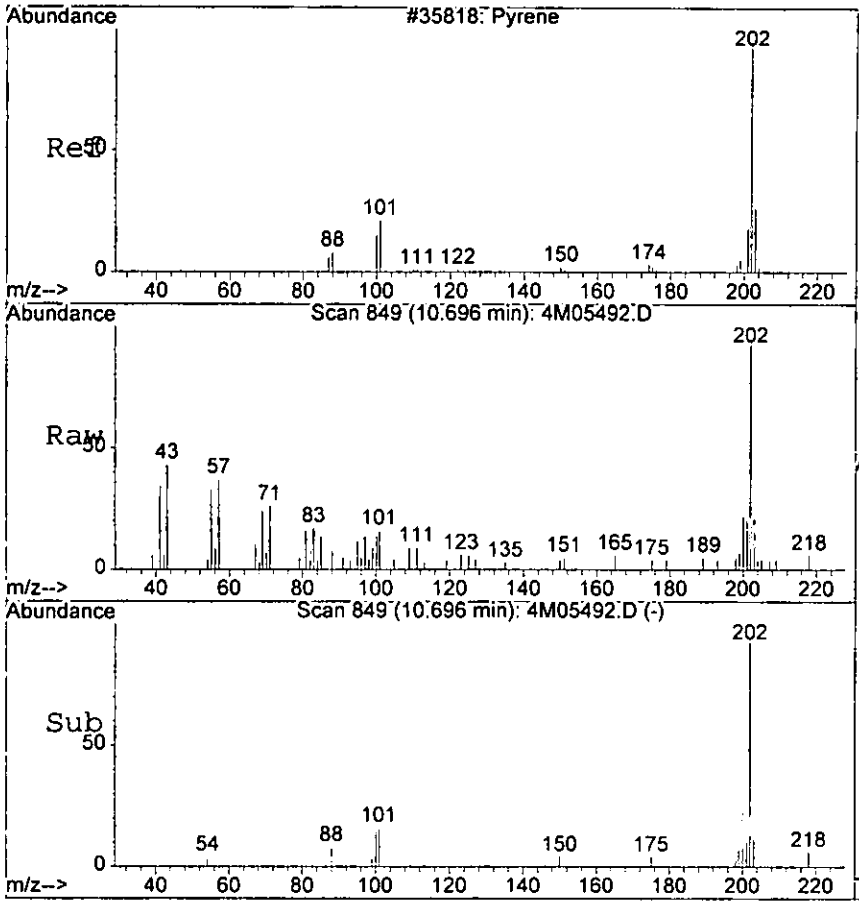


#71
Fluoranthene
Concen: 10.95 ng
RT: 10.43 min Scan# 823
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:202 Resp: 17805

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	58.3

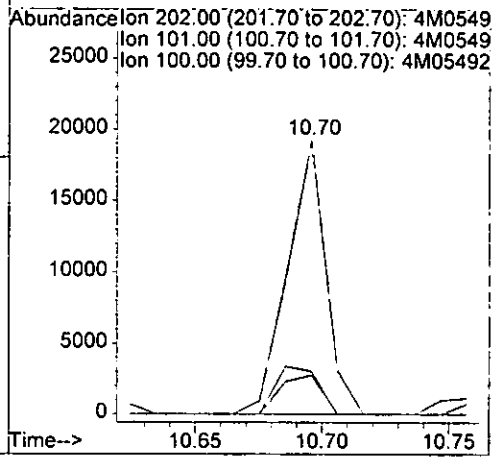




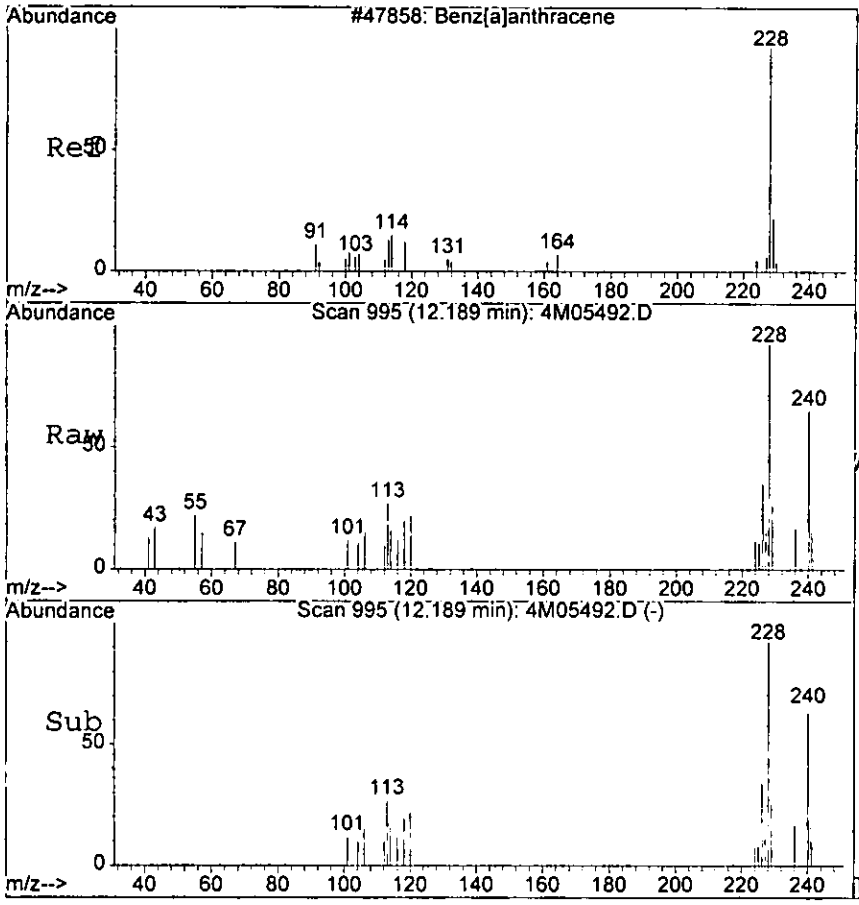
#73
Pyrene
Concen: 8.42 ng
RT: 10.70 min Scan# 849
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:202 Resp: 20096

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	62.7
100	14.3	0.0	60.5



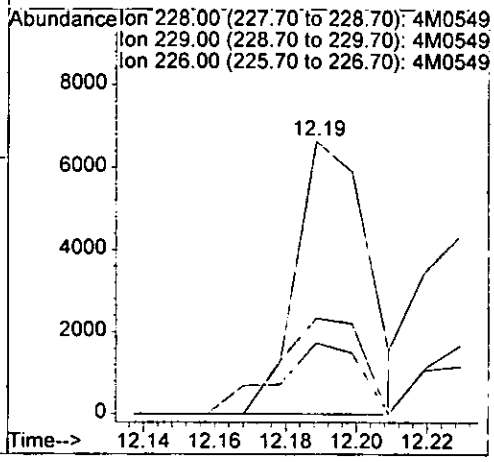
857

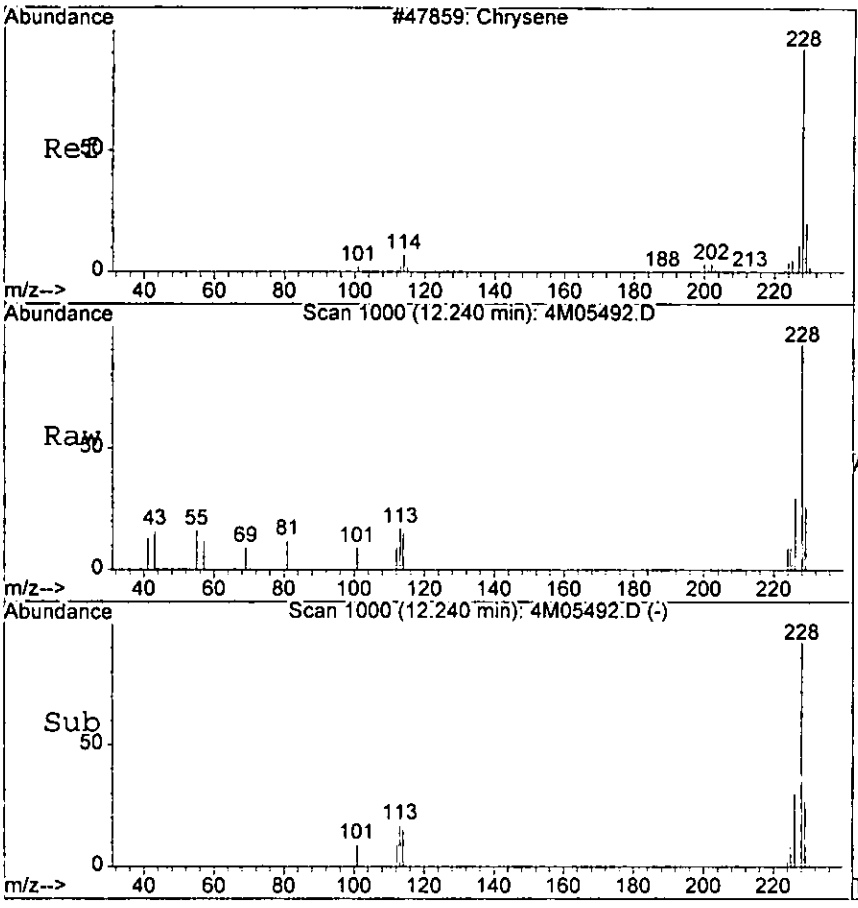


#78
Benzo[a]anthracene
Concen: 4.91 ng
RT: 12.19 min Scan# 995
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:228 Resp: 9410

Ion	Ratio	Lower	Upper
228	100		
229	26.2	0.0	60.5
226	35.2	0.0	69.0

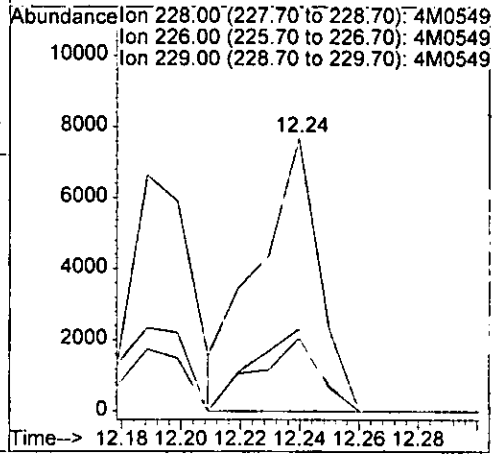


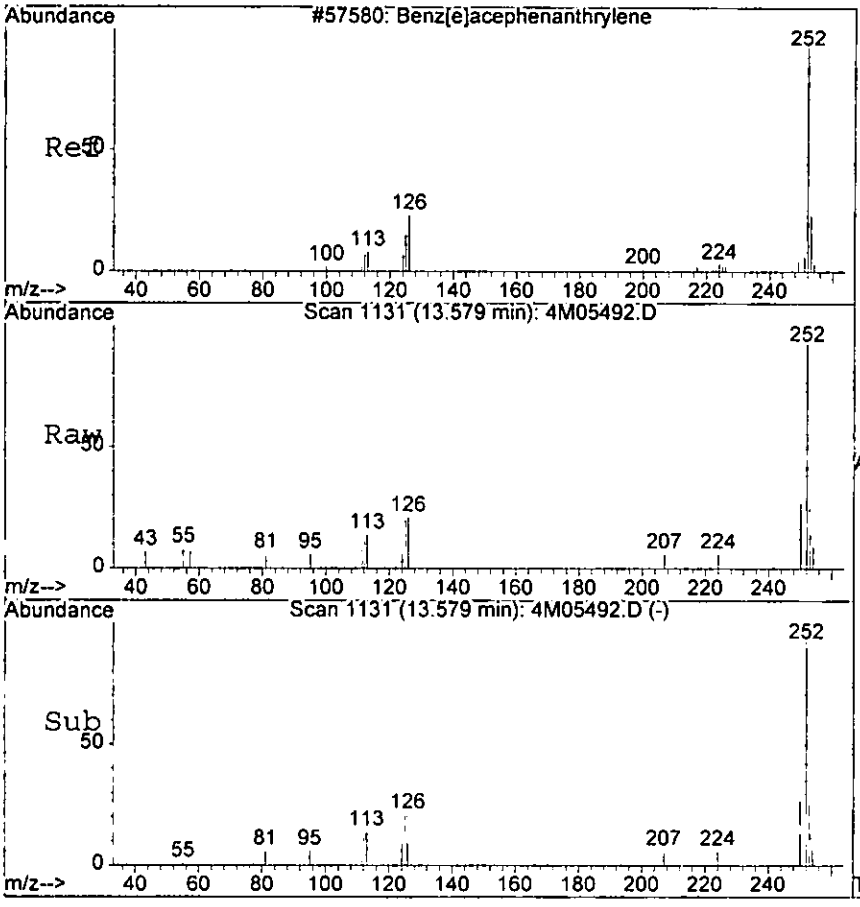


#79
Chrysene
Concen: 6.42 ng
RT: 12.24 min Scan# 1000
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:228 Resp: 10906

Ion	Ratio	Lower	Upper
228	100		
226	30.0	12.0	52.0
229	26.7	0.0	61.1



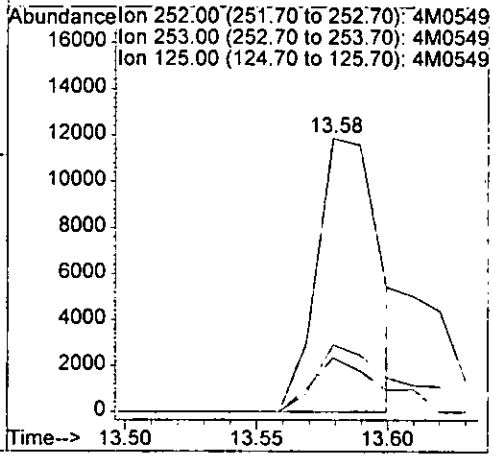


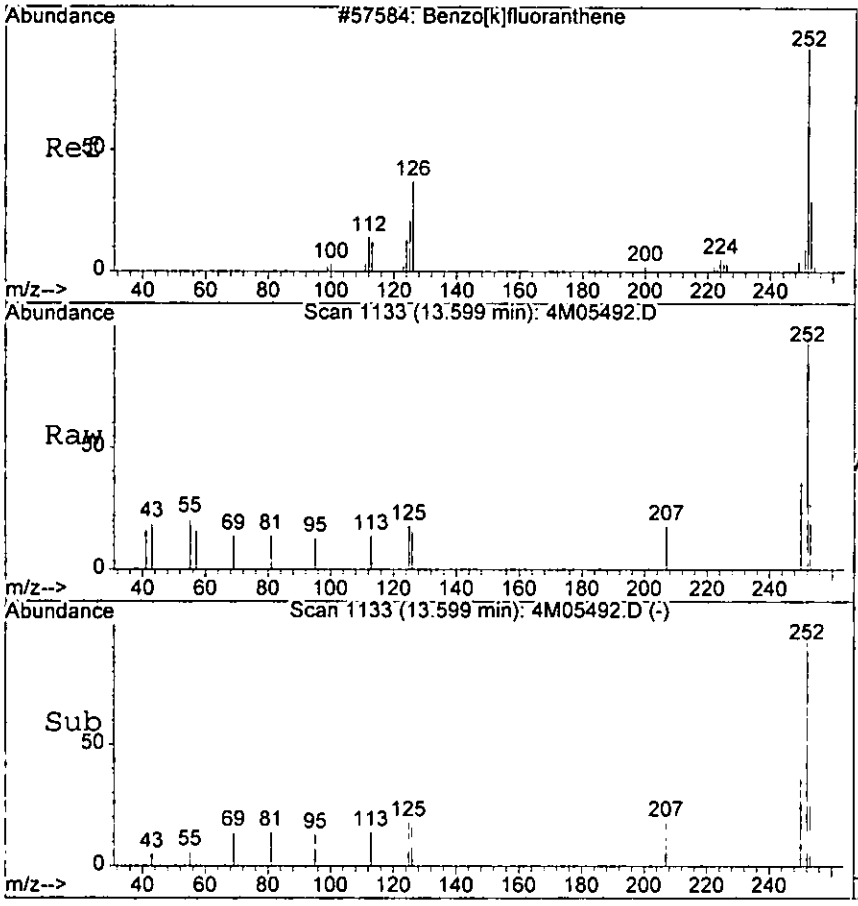
#83
Benzo[b]fluoranthene
Concen: 10.99 ng m
RT: 13.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

0575

Tgt Ion:252 Resp: 19540

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	63.3
125	19.8	0.0	57.6

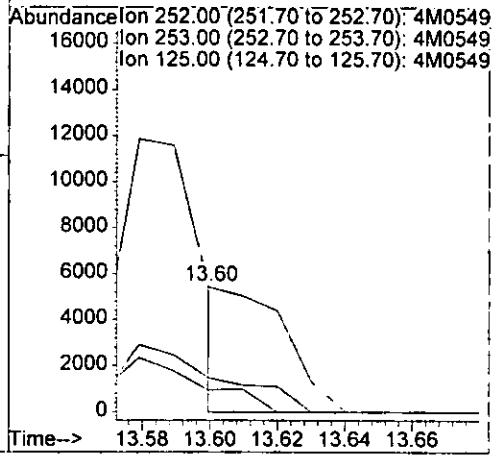




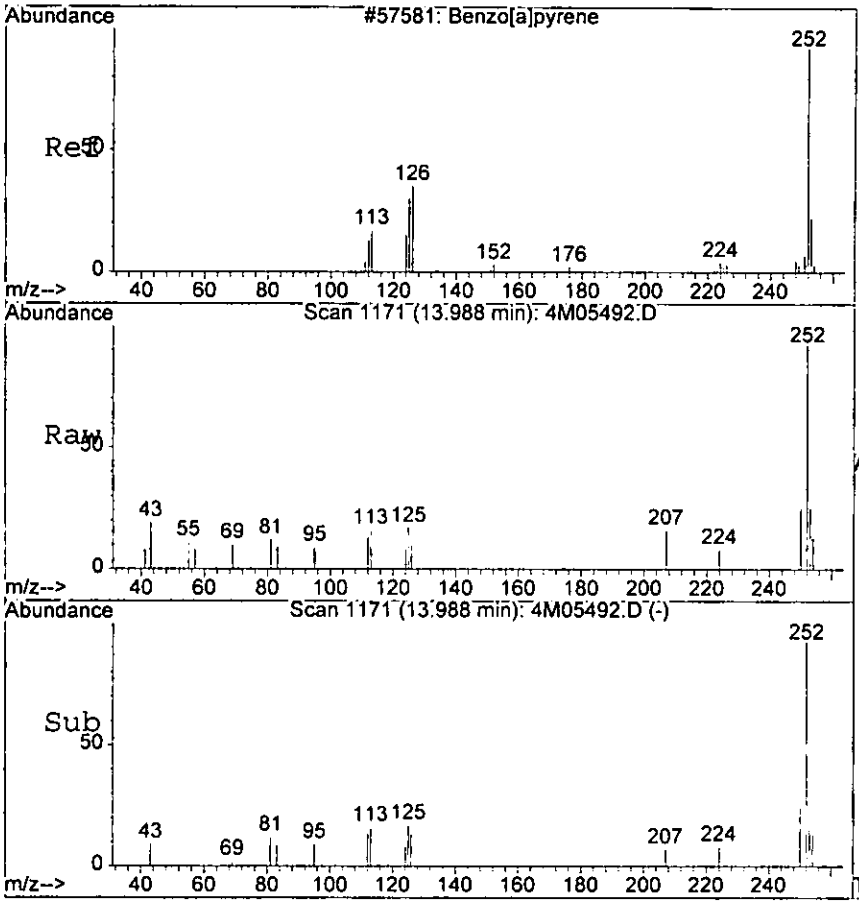
#84
Benzo[k]fluoranthene
Concen: 4.05 ng m
RT: 13.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

057

Tgt Ion:252	Resp:	6580	
Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	63.5
125	17.6	0.0	53.8



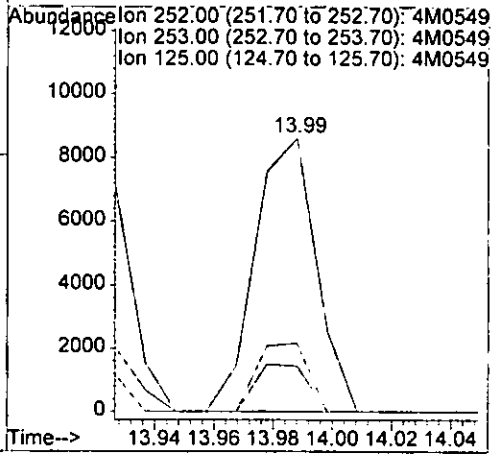
1C81b

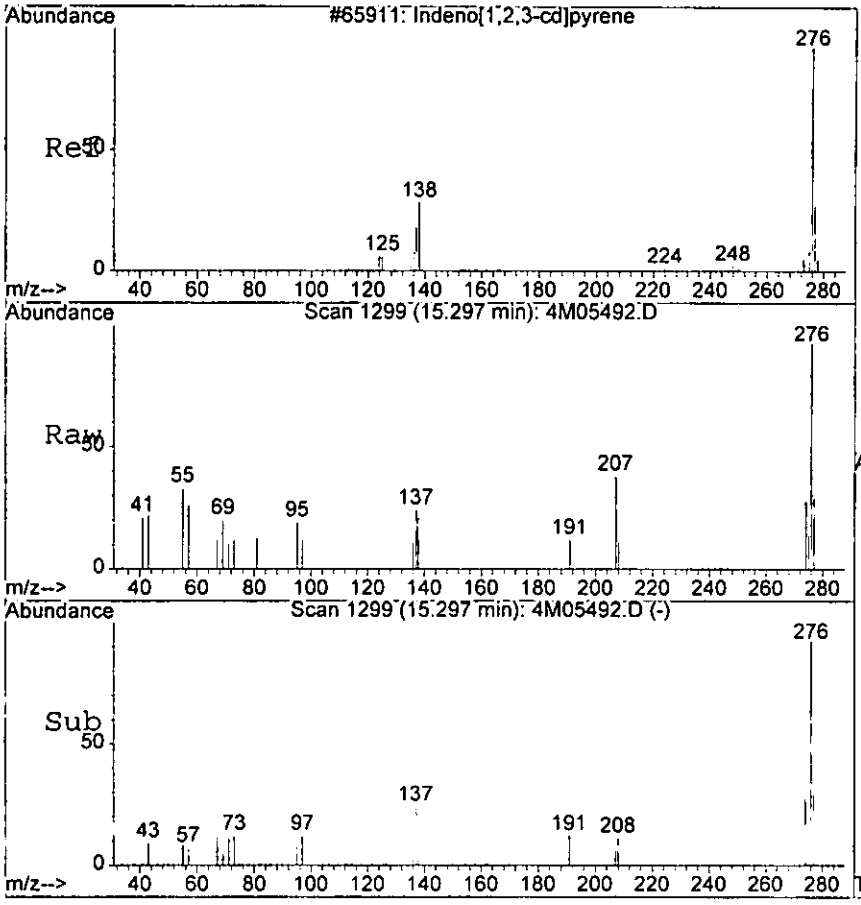


#85
Benzo[a]pyrene
Concen: 7.90 ng
RT: 13.99 min Scan# 1171
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:252 Resp: 12376

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	62.9
125	16.7	0.0	57.6

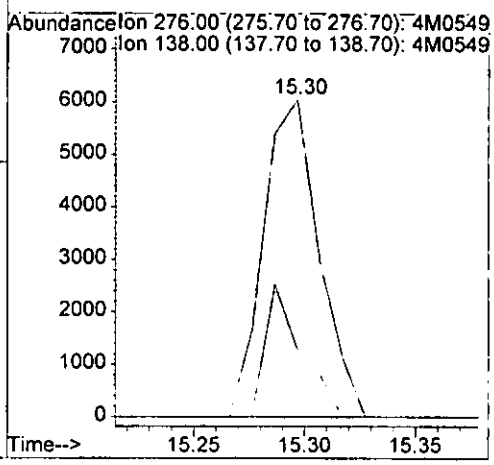




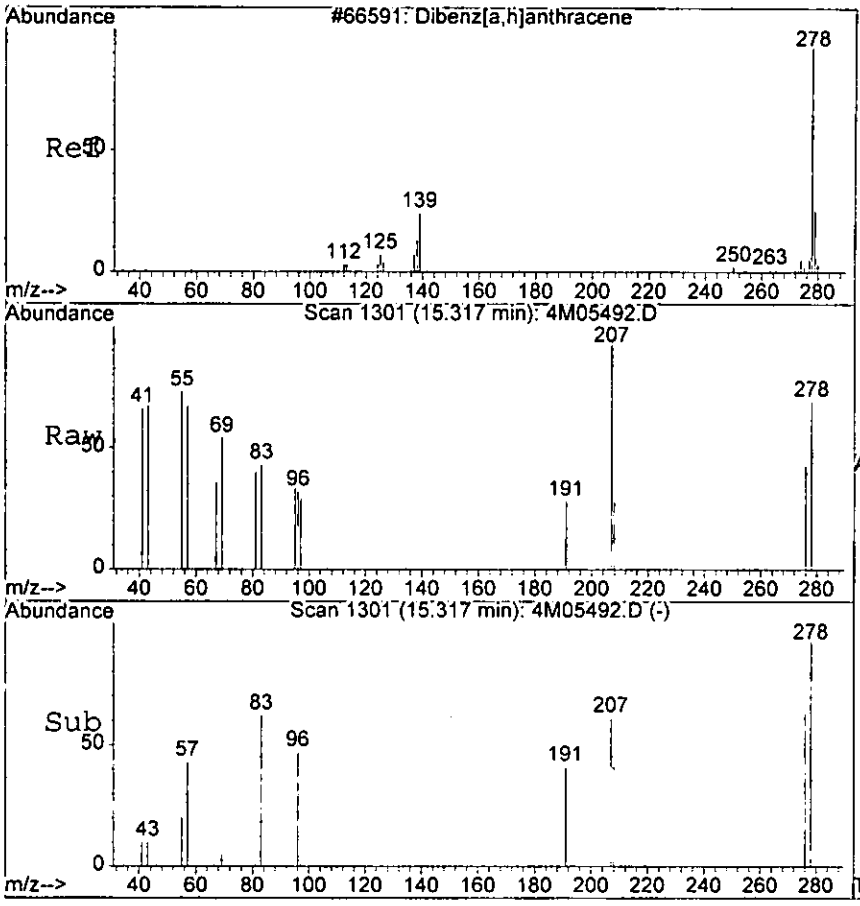
#86
Indeno[1,2,3-cd]pyrene
Concen: 5.96 ng
RT: 15.30 min Scan# 1299
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:276 Resp: 10530

Ion	Ratio	Lower	Upper
276	100		
138	21.2	0.0	73.4



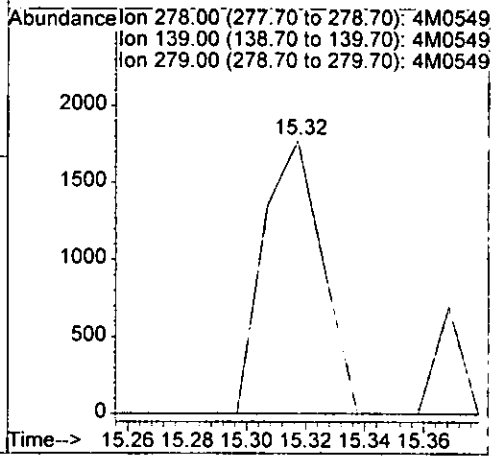
B75B



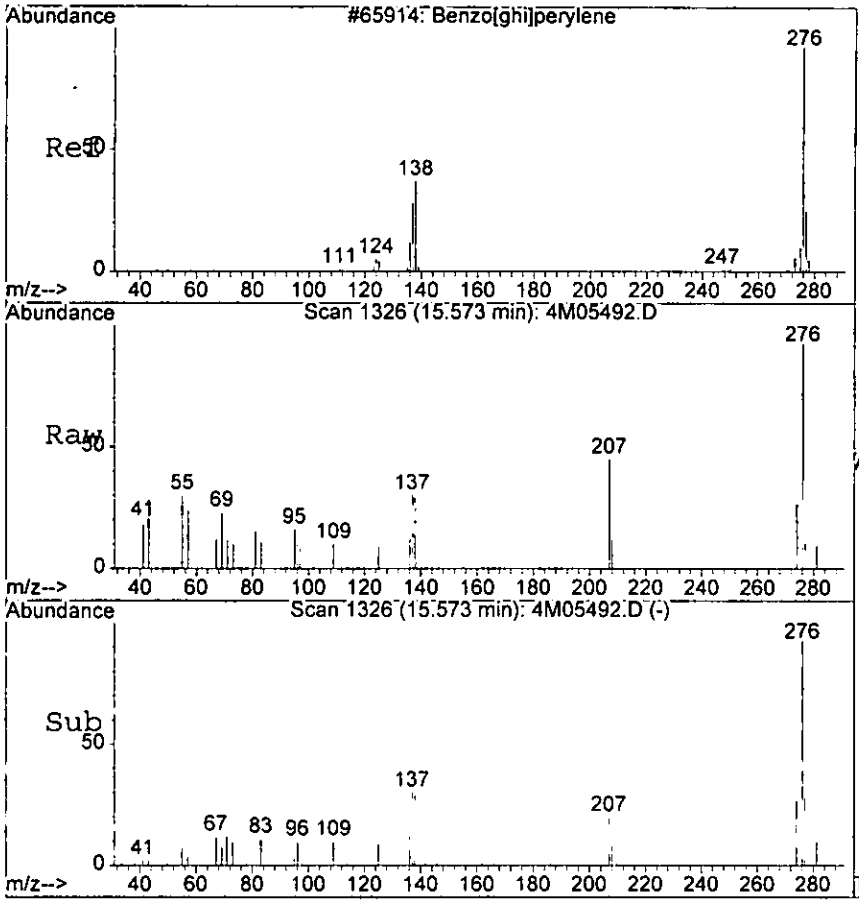
#87
Dibenzo[a,h]anthracene
Concen: 1.73 ng
RT: 15.32 min Scan# 1301
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:278 Resp: 2436

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	63.8
279	0.0	0.0	64.0



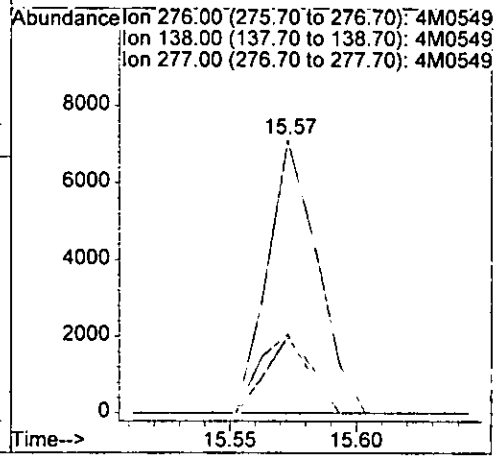
1886



#88
Benzo[g,h,i]perylene
Concen: 6.57 ng
RT: 15.57 min Scan# 1326
Delta R.T. 0.01 min
Lab File: 4M05492.D
Acq: 10 Aug 2005 12:08

Tgt Ion:276 Resp: 9719

Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.0	74.1
277	28.0	0.0	65.0



1886

Form1

ORGANICS SEMIVOLATILE REPORT

1858

Sample Number: AC18873-011(MS:AC1
Client Id: PCSB-42(13')MS
Data File: 5M09963.D
Analysis Date: 08/11/05 11:33
Date Rec/Extracted: 08/02/05-08/10/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 55

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	**1,2,4-Trichlorobenzene**	**0.011**	**5.1**	205-99-2	Benzo[b]fluoranthene	0.017	U
95-50-1	1,2-Dichlorobenzene	0.024	U	191-24-2	Benzo[g,h,i]perylene	0.0087	U
122-66-7	1,2-Diphenylhydrazine	0.020	U	207-08-9	Benzo[k]fluoranthene	0.021	U
541-73-1	1,3-Dichlorobenzene	0.017	U	111-91-1	bis(2-Chloroethoxy)methan	0.014	U
106-46-7	**1,4-Dichlorobenzene**	**0.011**	**4.8**	111-44-4	bis(2-Chloroethyl)ether	0.027	U
95-95-4	2,4,5-Trichlorophenol	0.094	U	108-60-1	bis(2-chloroisopropyl)ether	0.013	U
88-06-2	2,4,6-Trichlorophenol	0.046	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.038	U
120-83-2	2,4-Dichlorophenol	0.081	U	85-68-7	Butylbenzylphthalate	0.016	U
105-67-9	2,4-Dimethylphenol	0.051	U	86-74-8	Carbazole	0.012	U
51-28-5	2,4-Dinitrophenol	0.11	U	218-01-9	Chrysene	0.017	U
121-14-2	**2,4-Dinitrotoluene**	**0.022**	**5.1**	84-74-2	Di-n-butylphthalate	0.012	U
606-20-2	2,6-Dinitrotoluene	0.027	U	117-84-0	Di-n-octylphthalate	0.021	U
91-58-7	2-Chloronaphthalene	0.0069	U	53-70-3	Dibenzo[a,h]anthracene	0.011	U
95-57-8	**2-Chlorophenol**	**0.11**	**8.2**	132-64-9	Dibenzofuran	0.078	U
91-57-6	2-Methylnaphthalene	0.10	U	84-66-2	Diethylphthalate	0.014	U
95-48-7	2-Methylphenol	0.23	U	131-11-3	Dimethylphthalate	0.010	U
88-74-4	2-Nitroaniline	0.079	U	206-44-0	Fluoranthene	0.010	U
88-75-5	2-Nitrophenol	0.075	U	86-73-7	Fluorene	0.014	U
106-44-5	3&4-Methylphenol	0.22	U	118-74-1	Hexachlorobenzene	0.025	U
91-94-1	3,3'-Dichlorobenzidine	0.11	U	87-68-3	Hexachlorobutadiene	0.015	U
99-09-2	3-Nitroaniline	0.15	U	77-47-4	Hexachlorocyclopentadiene	0.16	U
534-52-1	4,6-Dinitro-2-methylphenol	0.12	U	67-72-1	Hexachloroethane	0.021	U
101-55-3	4-Bromophenyl-phenylether	0.025	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.010	U
59-50-7	**4-Chloro-3-methylphenol**	**0.12**	**9.6**	78-59-1	Isophorone	0.32	U
106-47-8	4-Chloroaniline	0.41	U	**621-64-7**	**N-Nitroso-di-n-propylami**	**0.019**	**4.3**
7005-72-3	4-Chlorophenyl-phenylether	0.017	U	62-75-9	N-Nitrosodimethylamine	0.67	U
100-01-6	4-Nitroaniline	0.090	U	86-30-6	n-Nitrosodiphenylamine	0.017	U
100-02-7	**4-Nitrophenol**	**0.086**	**9.3**	91-20-3	Naphthalene	0.0059	U
83-32-9	**Acenaphthene**	**0.010**	**5.2**	98-95-3	Nitrobenzene	0.017	U
208-96-8	Acenaphthylene	0.0092	U	**87-86-5**	**Pentachlorophenol**	**0.059**	**11**
120-12-7	Anthracene	0.012	U	85-01-8	Phenanthrene	0.013	U
92-87-5	Benzidine	0.63	U	**108-95-2**	**Phenol**	**0.10**	**8.3**
56-55-3	Benzo[a]anthracene	0.0085	U	**129-00-0**	**Pyrene**	**0.014**	**5.6**
50-32-8	**Benzo[a]pyrene**	**0.010**	**0.072**				

Worksheet #: 18319

Total Target Concentration 76.572

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09963.D Vial: 15
Acq On : 11 Aug 2005 11:33 Operator: AHD
Sample : AC18873-011(MS:AC18873-012) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:39 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.07	152	9087	40.00	ng	-0.18
20) Naphthalene-d8	6.11	136	32543	40.00	ng	-0.18
36) Acenaphthene-d10	7.44	164	17972	40.00	ng	-0.20
61) Phenanthrene-d10	8.80	188	29583	40.00	ng	-0.22
77) Chrysene-d12	11.77	240	22757	40.00	ng	-0.26
88) Perylene-d12	13.35	264	16878	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	3.74	112	46563	152.14	ng	-0.22
Spiked Amount 200.000			Recovery = 76.07%			
8) Phenol-d5	4.77	99	59541	133.04	ng	-0.18
Spiked Amount 200.000			Recovery = 66.52%			
21) Nitrobenzene-d5	5.54	128	11470	80.50	ng	-0.18
Spiked Amount 100.000			Recovery = 80.50%			
41) 2-Fluorobiphenyl	6.92	172	48441	86.23	ng	-0.18
Spiked Amount 100.000			Recovery = 86.23%			
64) 2,4,6-Tribromophenol	8.13	330	11175	176.50	ng	-0.21
Spiked Amount 200.000			Recovery = 88.25%			
80) Terphenyl-d14	10.58	244	46019	85.60	ng	-0.23
Spiked Amount 100.000			Recovery = 85.60%			
Target Compounds						Qvalue
9) Phenol	4.79	94	65174	137.40	ng	95
10) 2-Chlorophenol	4.88	128	48692	135.24	ng	93
12) 1,4-Dichlorobenzene	5.08	146	27216	79.84	ng	97
18) N-Nitroso-di-n-propylamine	5.43	70	18382	70.93	ng	96
29) 1,2,4-Trichlorobenzene	6.07	180	22637	84.87	ng	97
33) 4-Chloro-3-methylphenol	6.54	107	45543	158.53	ng	94
50) Acenaphthene	7.47	153	42772	86.17	ng	100
54) 2,4-Dinitrotoluene	7.61	165	15553	83.36	ng	96
55) 4-Nitrophenol	7.55	65	17957	152.98	ng	87
69) Pentachlorophenol	8.62	266	16722	178.12	ng	93
78) Pyrene	10.36	202	84035	92.20	ng	100
92) Benzo[a]pyrene	13.38	252	746	1.19	ng	87

8582

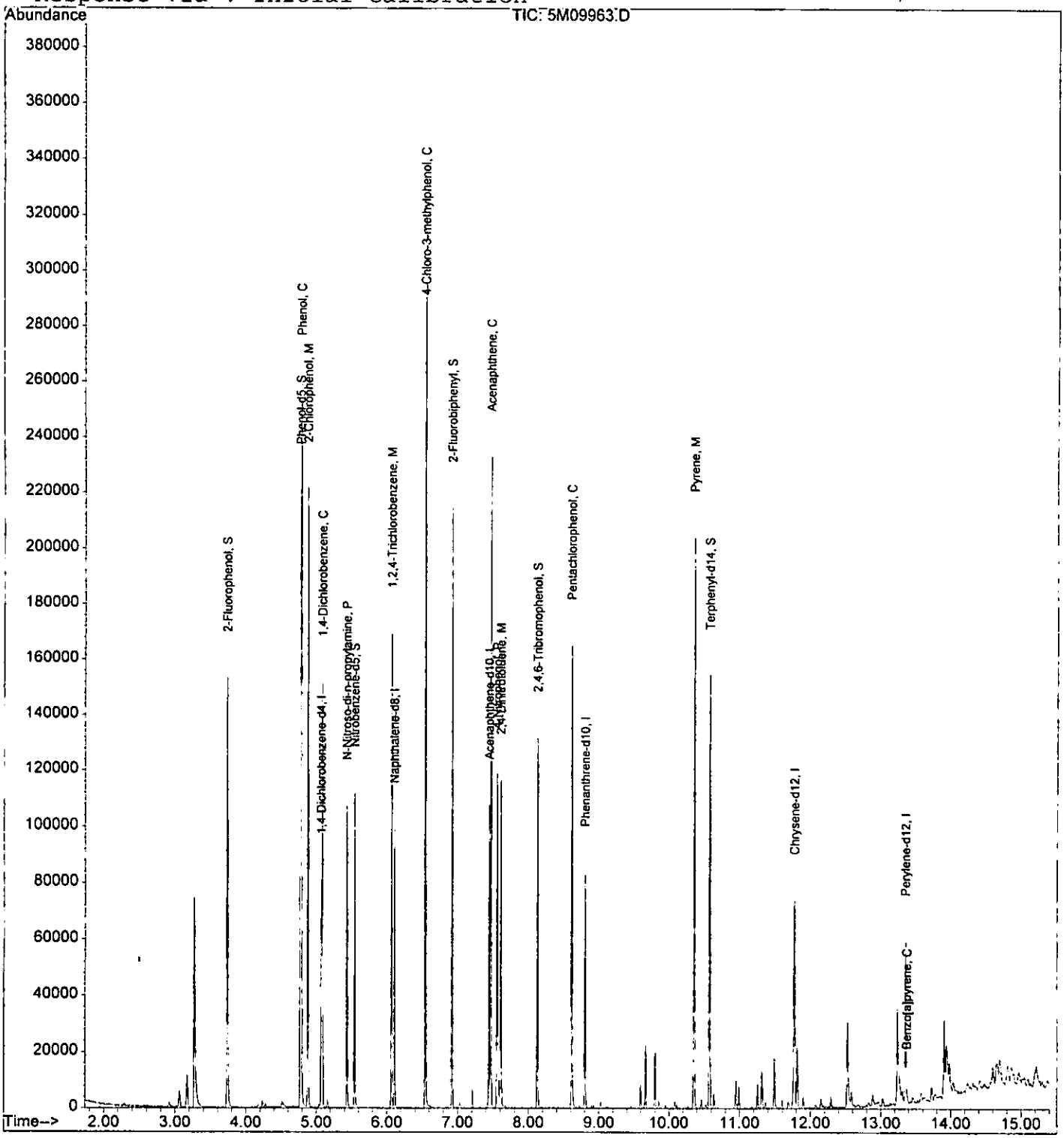
8165

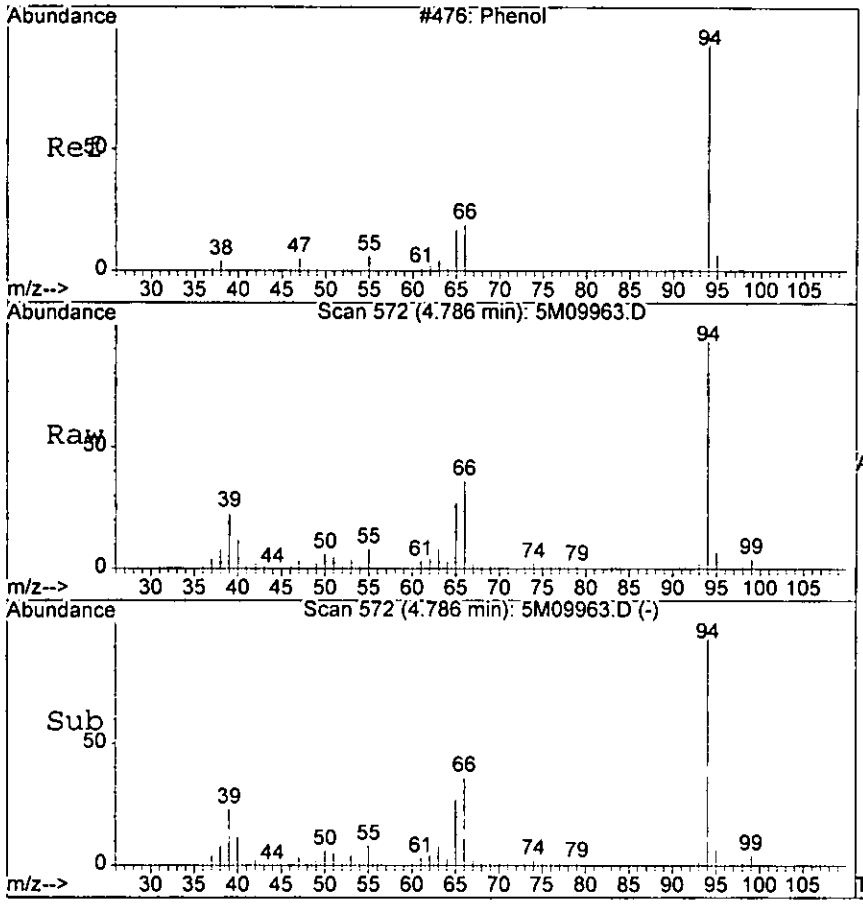
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09963.D Vial: 15
Acq On : 11 Aug 2005 11:33 Operator: AHD
Sample : AC18873-011(MS:AC18873-012) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:39 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration

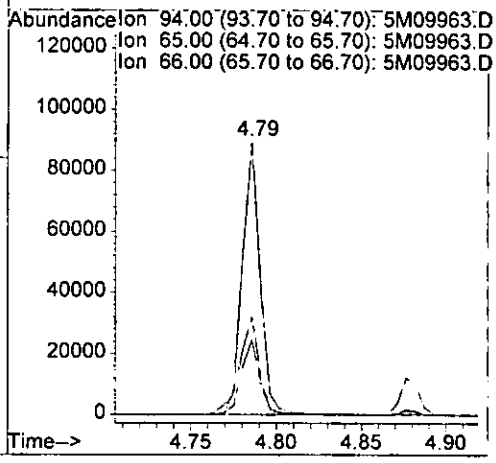


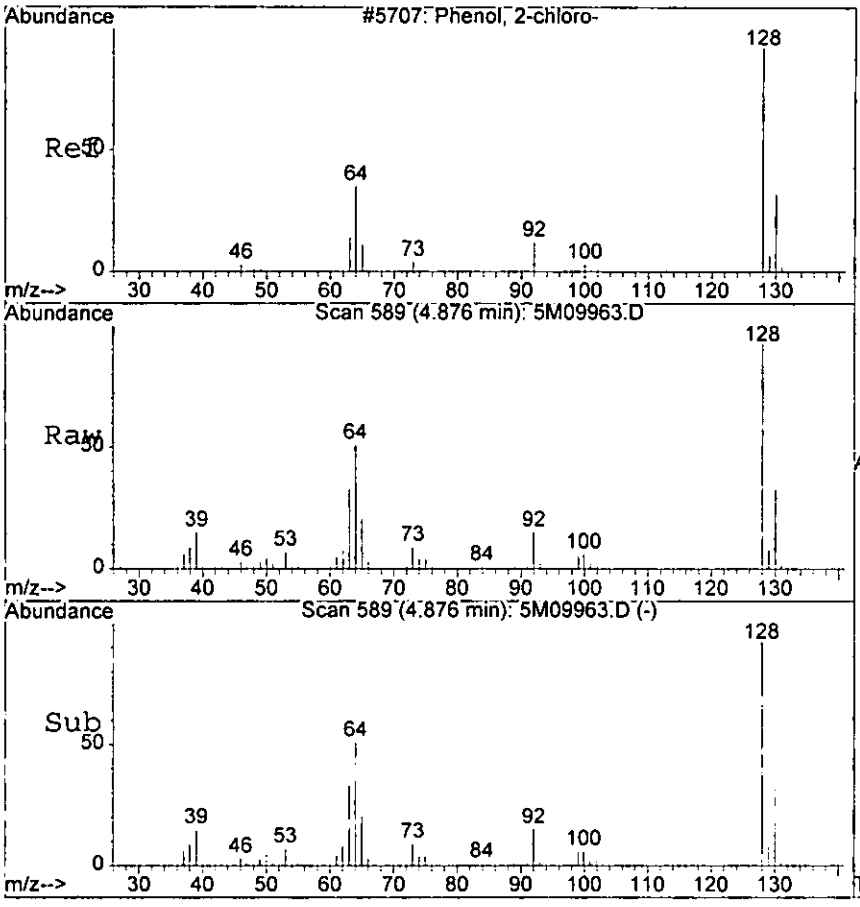


#9
Phenol
Concen: 137.40 ng
RT: 4.79 min Scan# 572
Delta R.T. -0.18 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion: 94 Resp: 65174

Ion	Ratio	Lower	Upper
94	100		
65	27.4	0.0	99.5
66	35.7	0.0	147.5

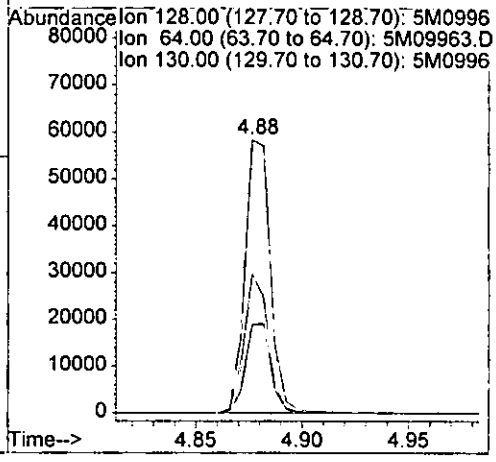




#10
2-Chlorophenol
Concen: 135.24 ng
RT: 4.88 min Scan# 589
Delta R.T. -0.19 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

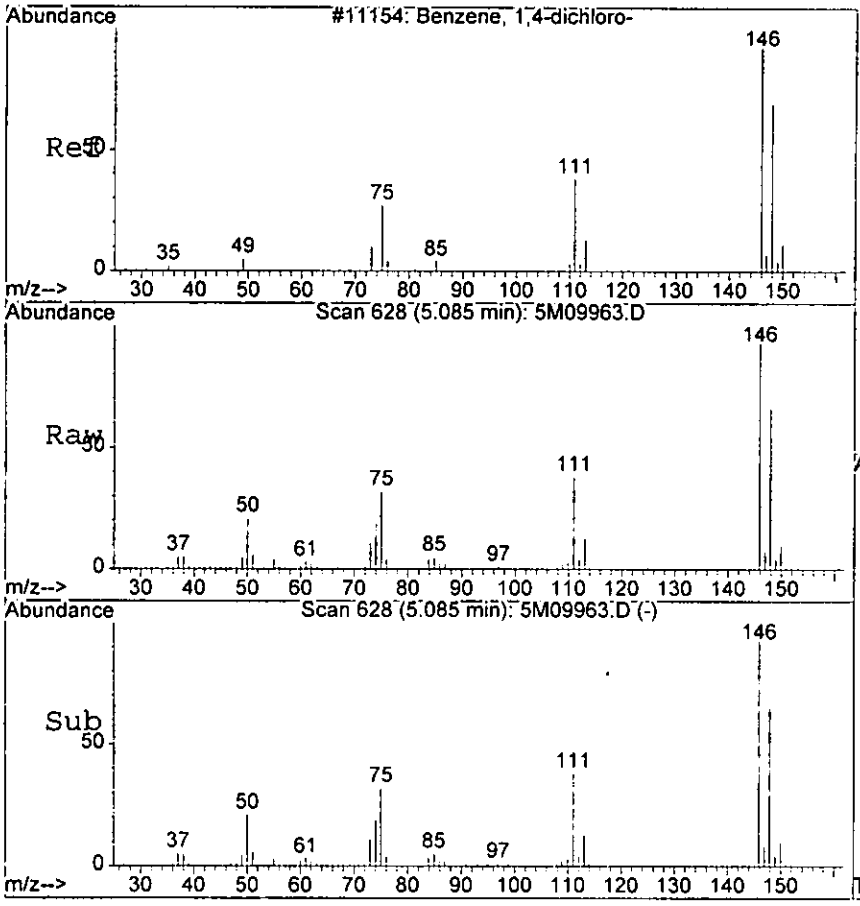
Tgt Ion:128 Resp: 48692

Ion	Ratio	Lower	Upper
128	100		
64	51.1	2.8	82.8
130	32.5	8.4	56.4



8356

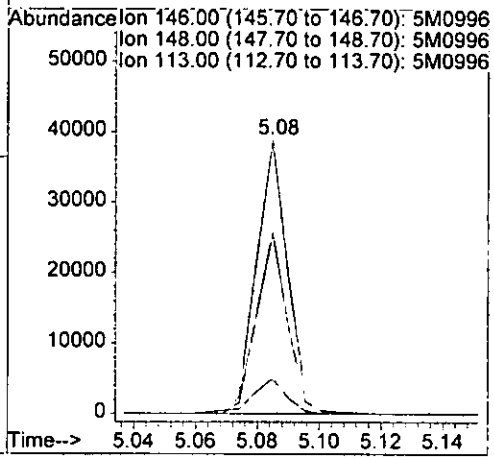
2810



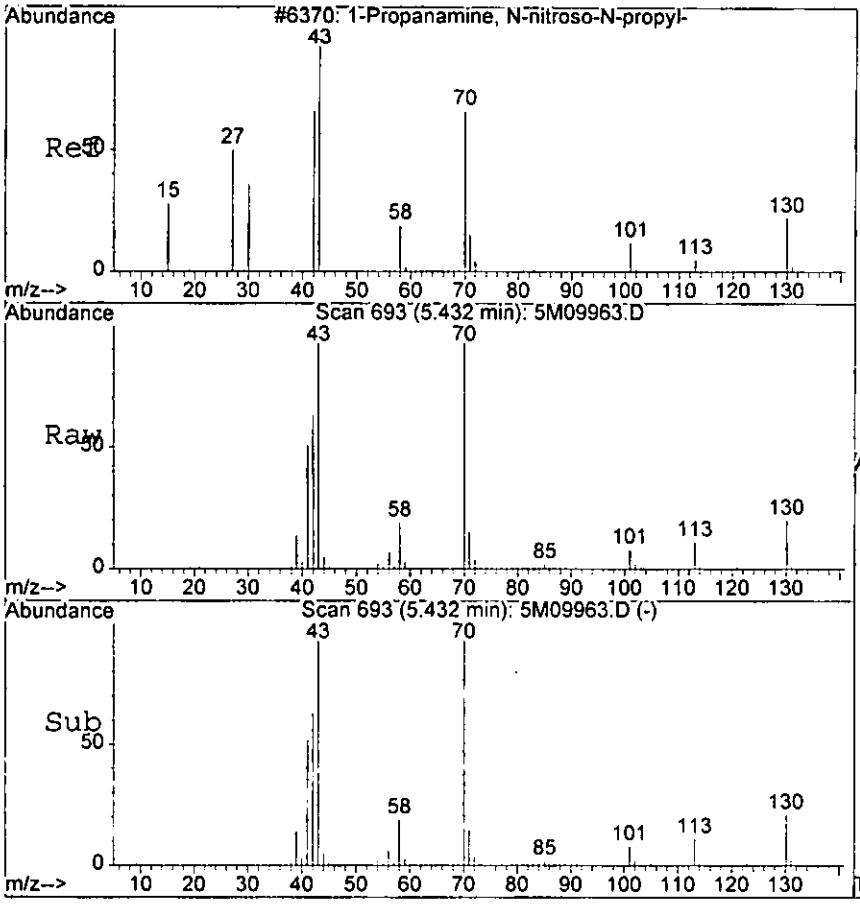
#12
1,4-Dichlorobenzene
Concen: 79.84 ng
RT: 5.08 min Scan# 628
Delta R.T. -0.18 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:146 Resp: 27216

Ion	Ratio	Lower	Upper
146	100		
148	66.3	23.9	103.9
113	12.9	0.0	53.1



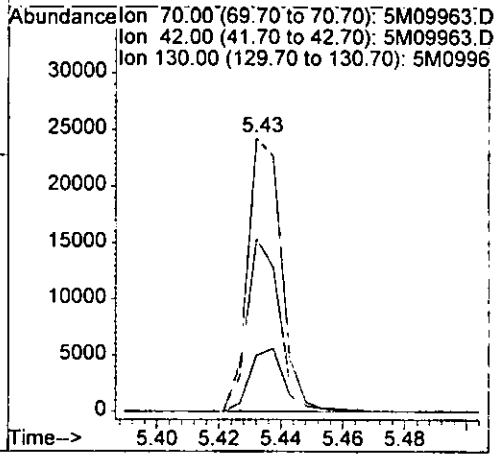
Jabr

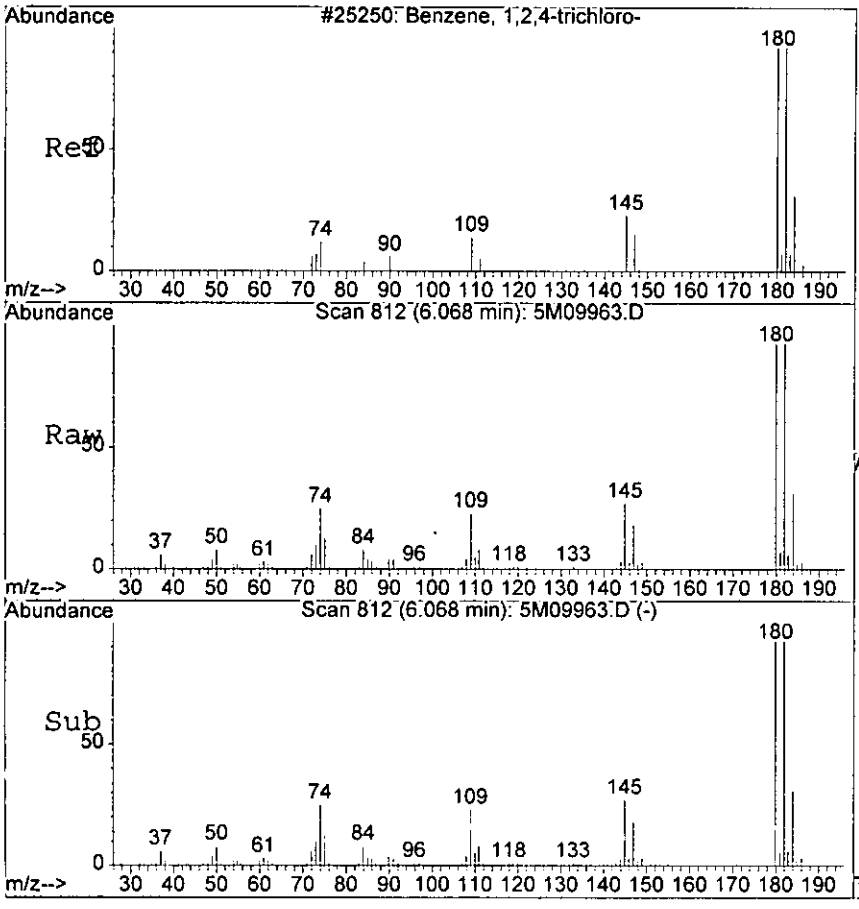


#18
N-Nitroso-di-n-propylamine
Concen: 70.93 ng
RT: 5.43 min Scan# 693
Delta R.T. -0.18 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion: 70 Resp: 18382

Ion	Ratio	Lower	Upper
70	100		
42	63.3	19.2	99.2
130	20.6	3.2	39.2

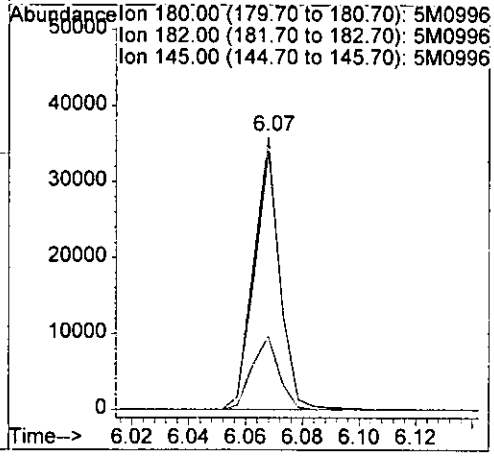




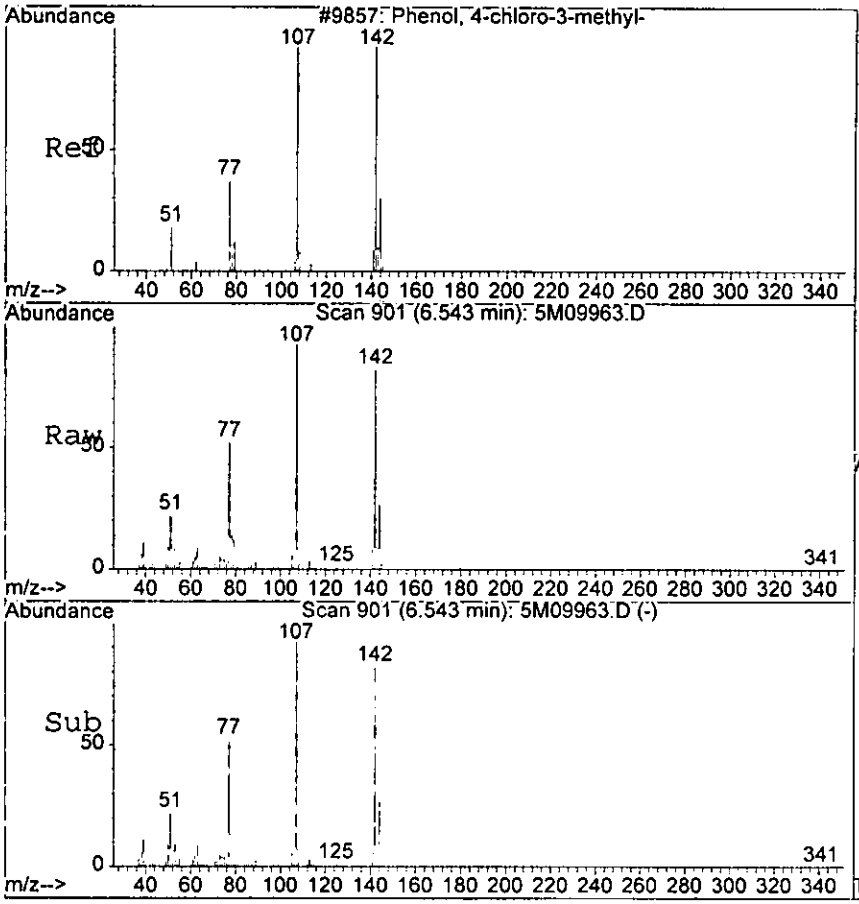
#29
1,2,4-Trichlorobenzene
Concen: 84.87 ng
RT: 6.07 min Scan# 812
Delta R.T. -0.17 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:180 Resp: 22637

Ion	Ratio	Lower	Upper
180	100		
182	94.9	57.5	137.5
145	26.8	8.7	48.7



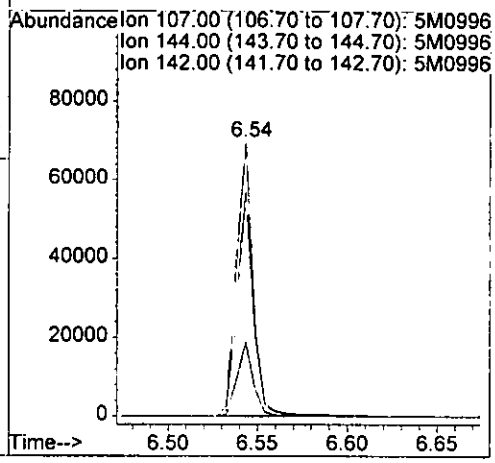
8/16

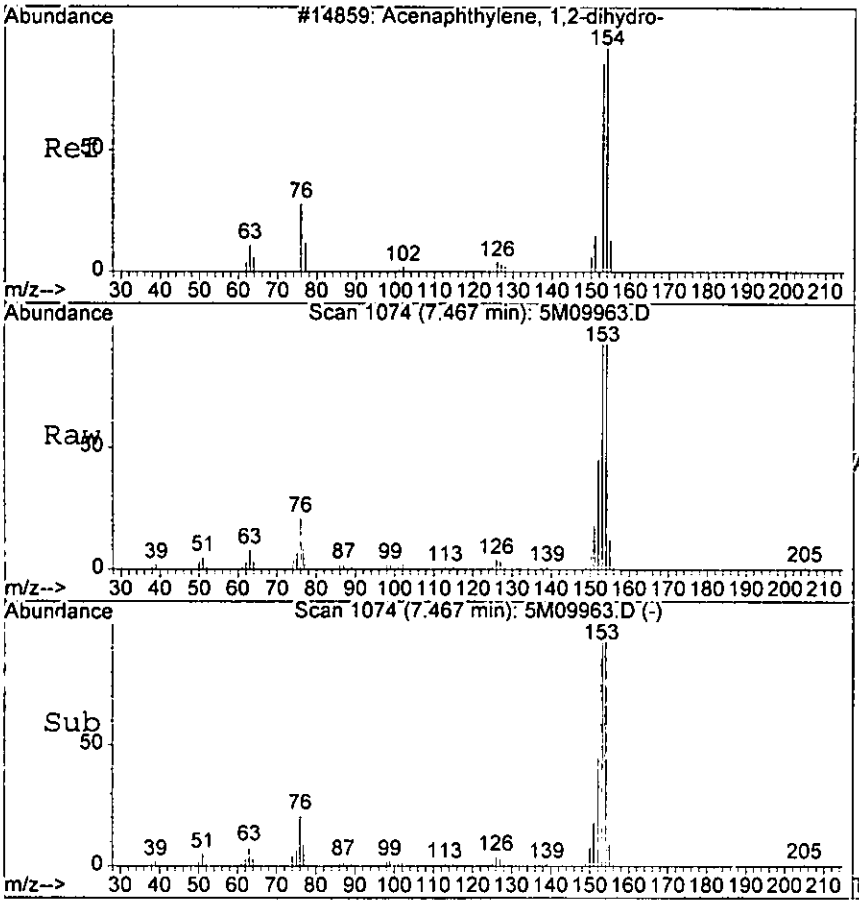


#33
4-Chloro-3-methylphenol
Concen: 158.53 ng
RT: 6.54 min Scan# 901
Delta R.T. -0.16 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:107 Resp: 45543

Ion	Ratio	Lower	Upper
107	100		
144	27.2	0.0	63.1
142	82.3	37.4	117.4

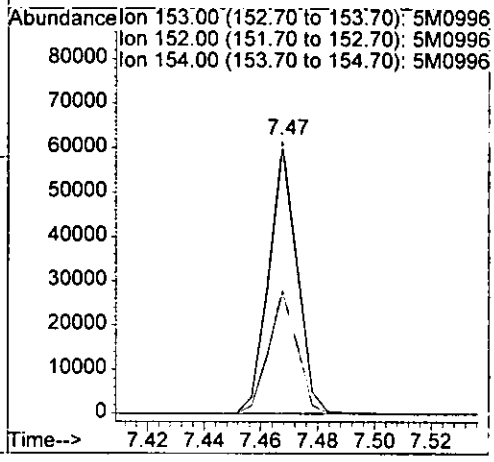


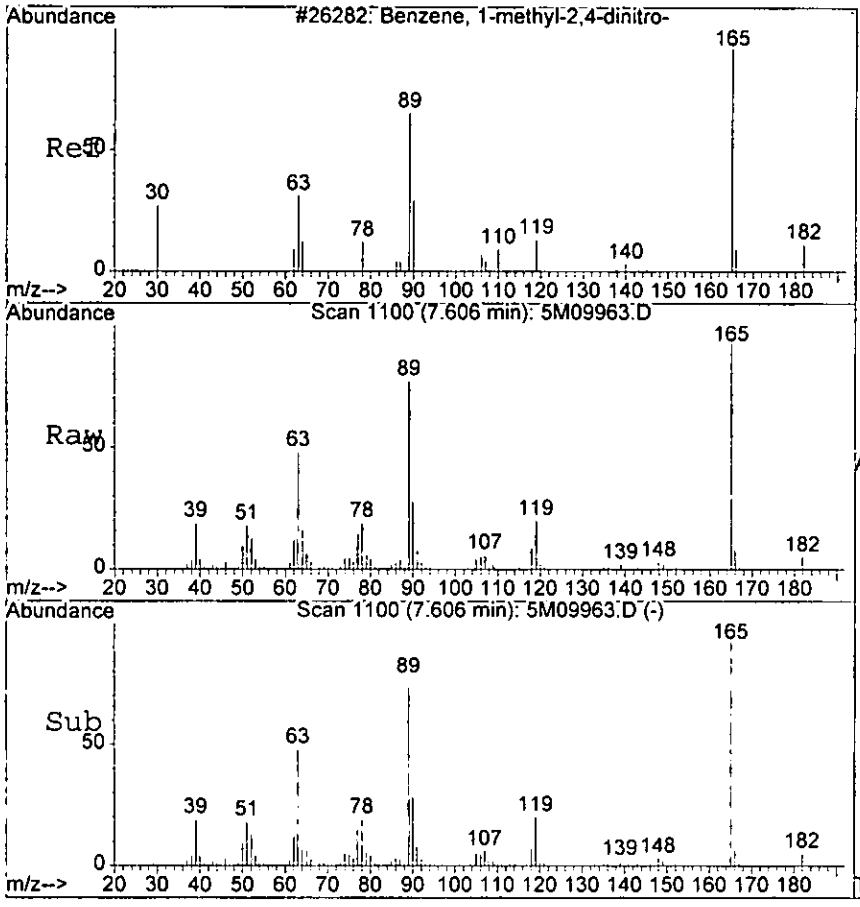


#50
Acenaphthene
Concen: 86.17 ng
RT: 7.47 min Scan# 1074
Delta R.T. -0.20 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:153 Resp: 42772

Ion	Ratio	Lower	Upper
153	100		
152	45.2	5.1	85.1
154	97.1	57.6	137.6



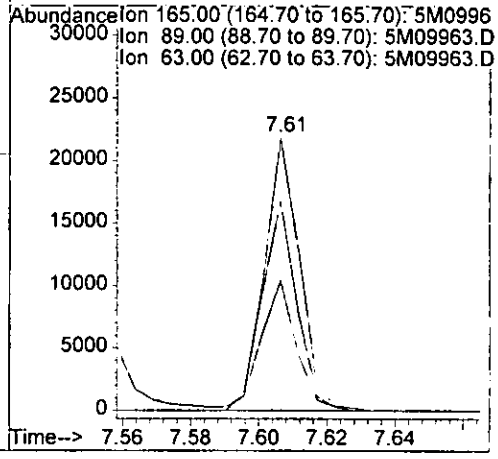


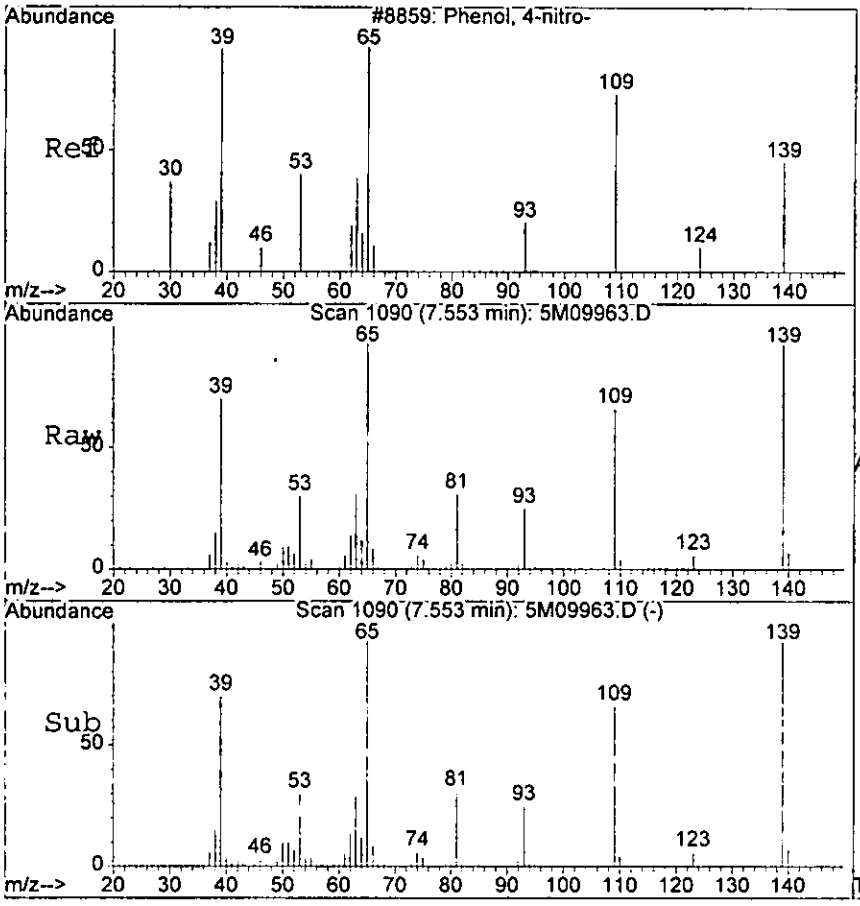
#54
2,4-Dinitrotoluene
Concen: 83.36 ng
RT: 7.61 min Scan# 1100
Delta R.T. -0.20 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

1650

Tgt Ion:165 Resp: 15553

Ion	Ratio	Lower	Upper
165	100		
89	76.9	40.1	120.1
63	47.7	11.2	89.2

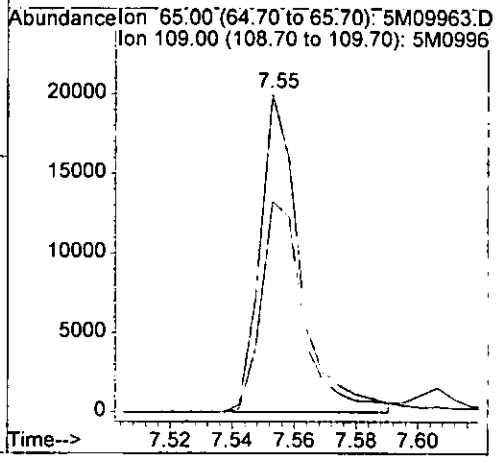




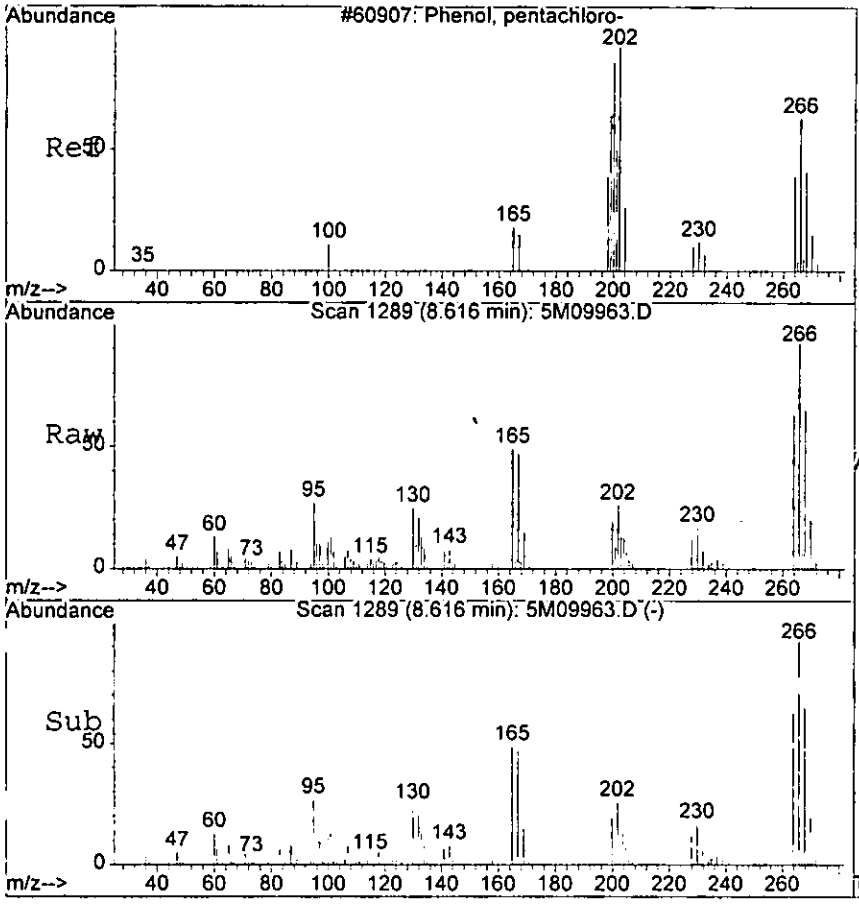
#55
4-Nitrophenol
Concen: 152.98 ng
RT: 7.55 min Scan# 1090
Delta R.T. -0.19 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion: 65 Resp: 17957

Ion	Ratio	Lower	Upper
65	100		
109	66.2	0.0	207.5



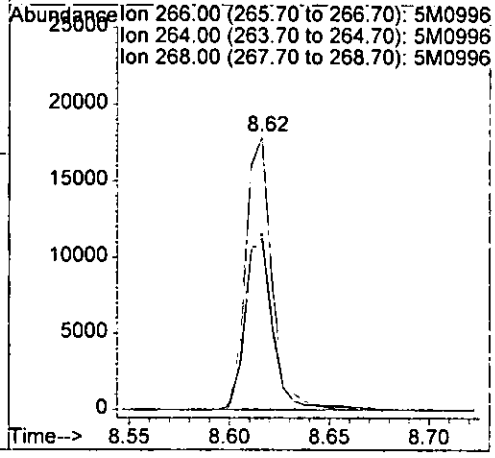
0592

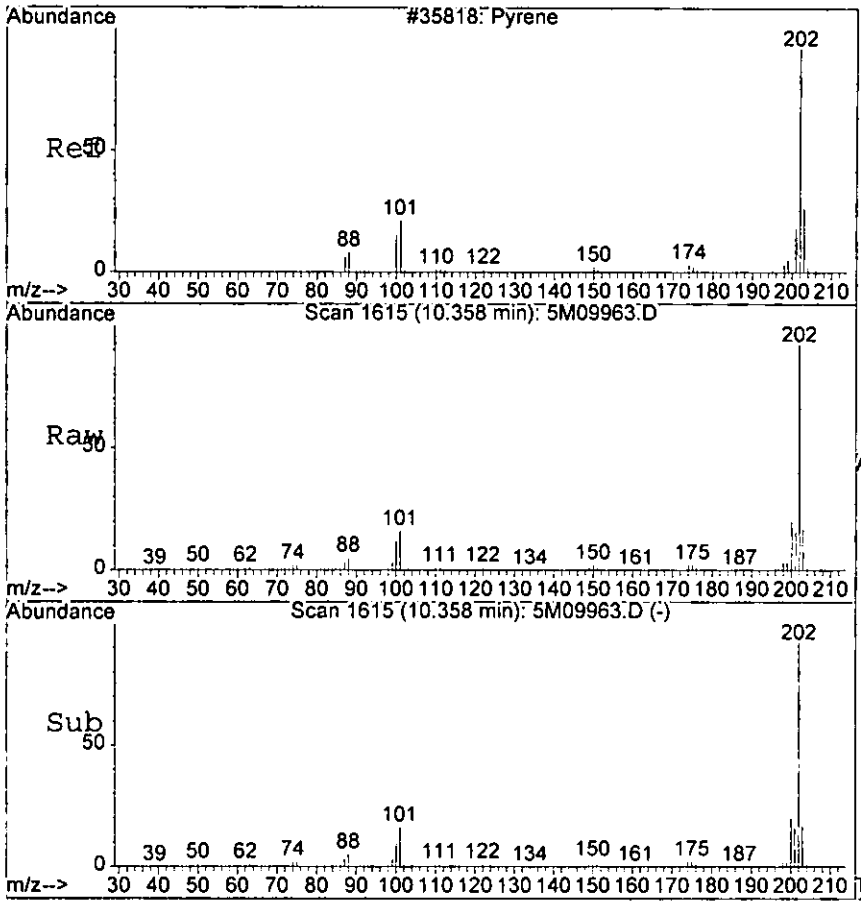


#69
Pentachlorophenol
Concen: 178.12 ng
RT: 8.62 min Scan# 1289
Delta R.T. -0.21 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:266 Resp: 16722

Ion	Ratio	Lower	Upper
266	100		
264	63.0	34.5	114.5
268	64.9	25.0	105.0

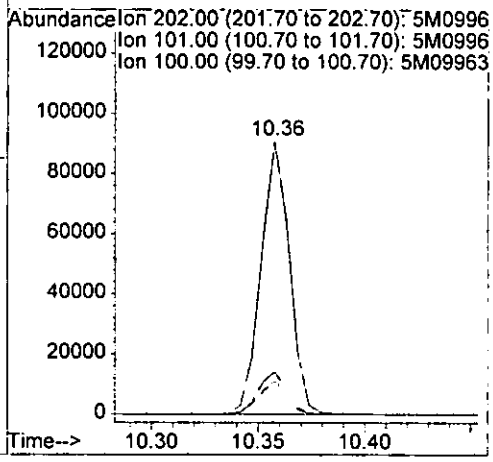




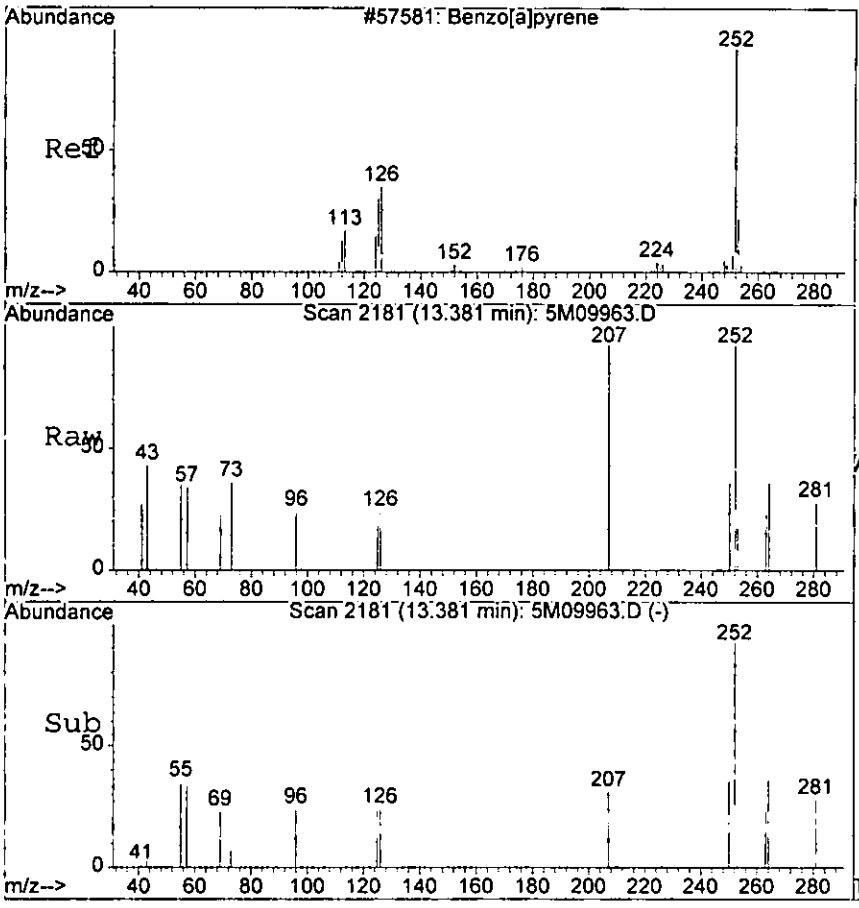
#78
Pyrene
Concen: 92.20 ng
RT: 10.36 min Scan# 1615
Delta R.T. -0.25 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:202 Resp: 84035

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	55.5
100	12.4	0.0	52.1



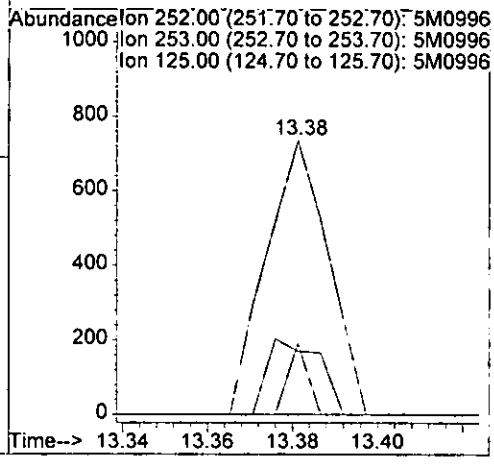
8594



#92
Benzo[a]pyrene
Concen: 1.19 ng
RT: 13.38 min Scan# 2181
Delta R.T. -0.19 min
Lab File: 5M09963.D
Acq: 11 Aug 2005 11:33

Tgt Ion:252 Resp: 746

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	61.5
125	23.1	0.0	56.0



5558

Form1

ORGANICS SEMIVOLATILE REPORT

9558

Sample Number: AC18873-012
Client Id: PCSB-42(13')
Data File: 5M09971.D
Analysis Date: 08/11/05 14:26
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 53

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.011	U	205-99-2	Benzo[b]fluoranthene	0.017	U
95-50-1	1,2-Dichlorobenzene	0.025	U	191-24-2	Benzo[g,h,i]perylene	0.0090	U
122-66-7	1,2-Diphenylhydrazine	0.021	U	207-08-9	Benzo[k]fluoranthene	0.022	U
541-73-1	1,3-Dichlorobenzene	0.018	U	111-91-1	bis(2-Chloroethoxy)methan	0.015	U
106-46-7	1,4-Dichlorobenzene	0.011	U	111-44-4	bis(2-Chloroethyl)ether	0.028	U
95-95-4	2,4,5-Trichlorophenol	0.098	U	108-60-1	bis(2-chloroisopropyl)ether	0.013	U
88-06-2	2,4,6-Trichlorophenol	0.047	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.040**	**0.73**
120-83-2	2,4-Dichlorophenol	0.084	U	85-68-7	Butylbenzylphthalate	0.017	U
105-67-9	2,4-Dimethylphenol	0.053	U	86-74-8	Carbazole	0.012	U
51-28-5	2,4-Dinitrophenol	0.12	U	218-01-9	Chrysene	0.018	U
121-14-2	2,4-Dinitrotoluene	0.022	U	**84-74-2**	**Di-n-butylphthalate**	**0.013**	**0.064**
606-20-2	2,6-Dinitrotoluene	0.028	U	117-84-0	Di-n-octylphthalate	0.021	U
91-58-7	2-Chloronaphthalene	0.0071	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	2-Chlorophenol	0.12	U	132-64-9	Dibenzofuran	0.081	U
91-57-6	2-Methylnaphthalene	0.11	U	84-66-2	Diethylphthalate	0.015	U
95-48-7	2-Methylphenol	0.23	U	131-11-3	Dimethylphthalate	0.011	U
88-74-4	2-Nitroaniline	0.081	U	206-44-0	Fluoranthene	0.010	U
88-75-5	2-Nitrophenol	0.077	U	86-73-7	Fluorene	0.015	U
106-44-5	3&4-Methylphenol	0.23	U	118-74-1	Hexachlorobenzene	0.025	U
91-94-1	3,3'-Dichlorobenzidine	0.11	U	87-68-3	Hexachlorobutadiene	0.015	U
99-09-2	3-Nitroaniline	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.17	U
534-52-1	4,6-Dinitro-2-methylphenol	0.12	U	67-72-1	Hexachloroethane	0.022	U
101-55-3	4-Bromophenyl-phenylether	0.026	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.011	U
59-50-7	4-Chloro-3-methylphenol	0.13	U	78-59-1	Isophorone	0.34	U
106-47-8	4-Chloroaniline	0.43	U	621-64-7	N-Nitroso-di-n-propylamine	0.020	U
7005-72-3	4-Chlorophenyl-phenylether	0.018	U	62-75-9	N-Nitrosodimethylamine	0.70	U
100-01-6	4-Nitroaniline	0.094	U	86-30-6	n-Nitrosodiphenylamine	0.017	U
100-02-7	4-Nitrophenol	0.089	U	91-20-3	Naphthalene	0.0061	U
83-32-9	Acenaphthene	0.010	U	98-95-3	Nitrobenzene	0.018	U
208-96-8	Acenaphthylene	0.0095	U	87-86-5	Pentachlorophenol	0.061	U
120-12-7	Anthracene	0.012	U	85-01-8	Phenanthrene	0.014	U
92-87-5	Benzidine	0.65	U	108-95-2	Phenol	0.10	U
56-55-3	Benzo[a]anthracene	0.0088	U	129-00-0	Pyrene	0.014	U
50-32-8	**Benzo[a]pyrene**	**0.010**	**0.13**				

Worksheet #: 18319

Total Target Concentration 0.924

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09971.D Vial: 23
Acq On : 11 Aug 2005 14:26 Operator: AHD
Sample : AC18873-012 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 15:04 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

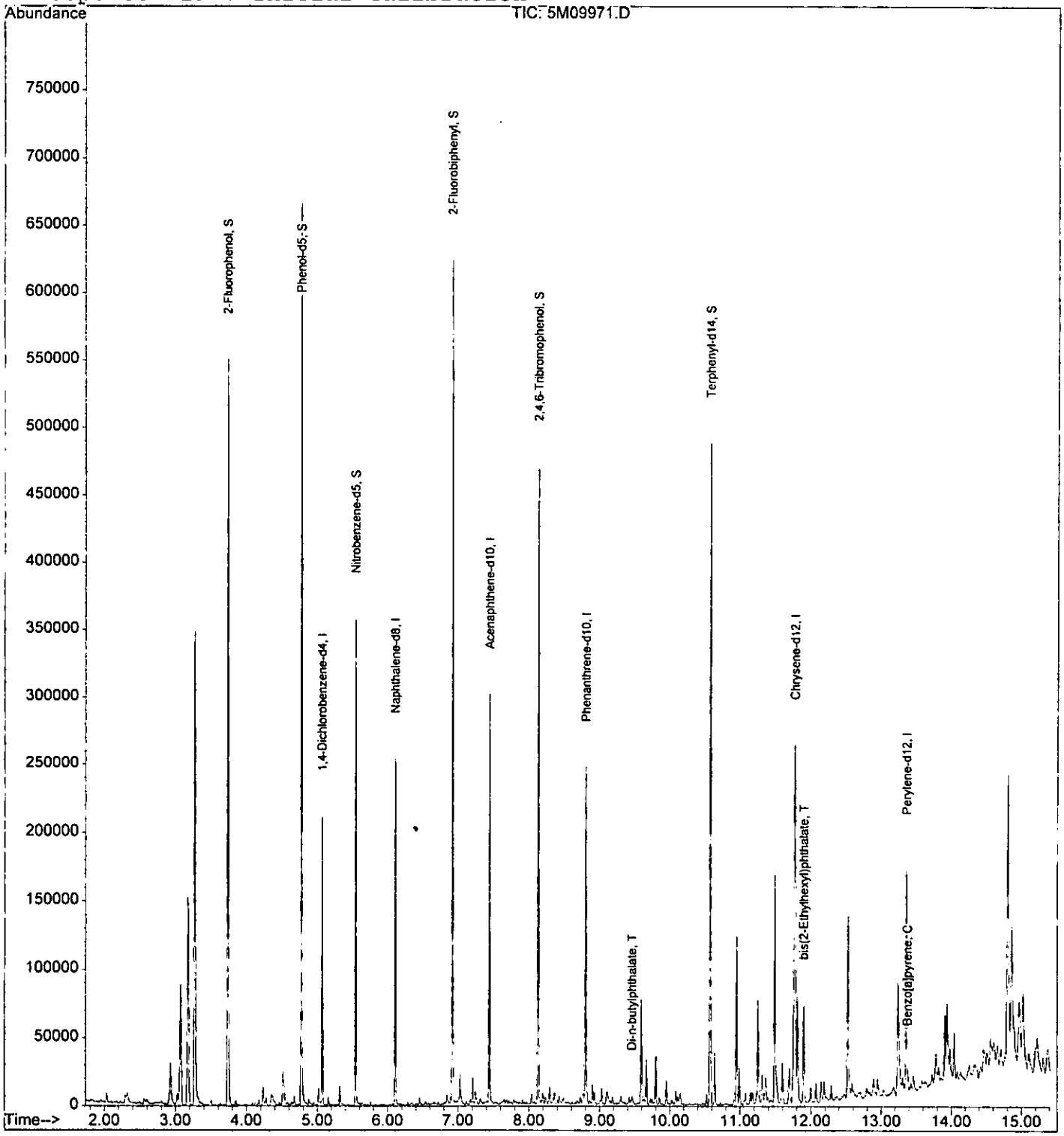
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.07	152	24568	40.00	ng	-0.18
20) Naphthalene-d8	6.11	136	92368	40.00	ng	-0.17
36) Acenaphthene-d10	7.44	164	51200	40.00	ng	-0.20
61) Phenanthrene-d10	8.80	188	83488	40.00	ng	-0.22
77) Chrysene-d12	11.77	240	61273	40.00	ng	-0.26
88) Perylene-d12	13.36	264	48505	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	3.74	112	154043	186.16	ng	-0.22
Spiked Amount 200.000			Recovery =	93.08%		
8) Phenol-d5	4.77	99	199673	165.02	ng	-0.18
Spiked Amount 200.000			Recovery =	82.51%		
21) Nitrobenzene-d5	5.54	128	36025	89.08	ng	-0.18
Spiked Amount 100.000			Recovery =	89.08%		
41) 2-Fluorobiphenyl	6.92	172	147606	92.23	ng	-0.18
Spiked Amount 100.000			Recovery =	92.23%		
64) 2,4,6-Tribromophenol	8.13	330	35922	201.04	ng	-0.21
Spiked Amount 200.000			Recovery =	100.52%		
80) Terphenyl-d14	10.58	244	142598	98.51	ng	-0.23
Spiked Amount 100.000			Recovery =	98.51%		
Target Compounds						Qvalue
74) Di-n-butylphthalate	9.46	149	2749	1.02	ng	97
87) bis(2-Ethylhexyl)phthalate	11.90	149	17251	11.56	ng	96
92) Benzo[a]pyrene	13.38	252	3588	1.99	ng	91

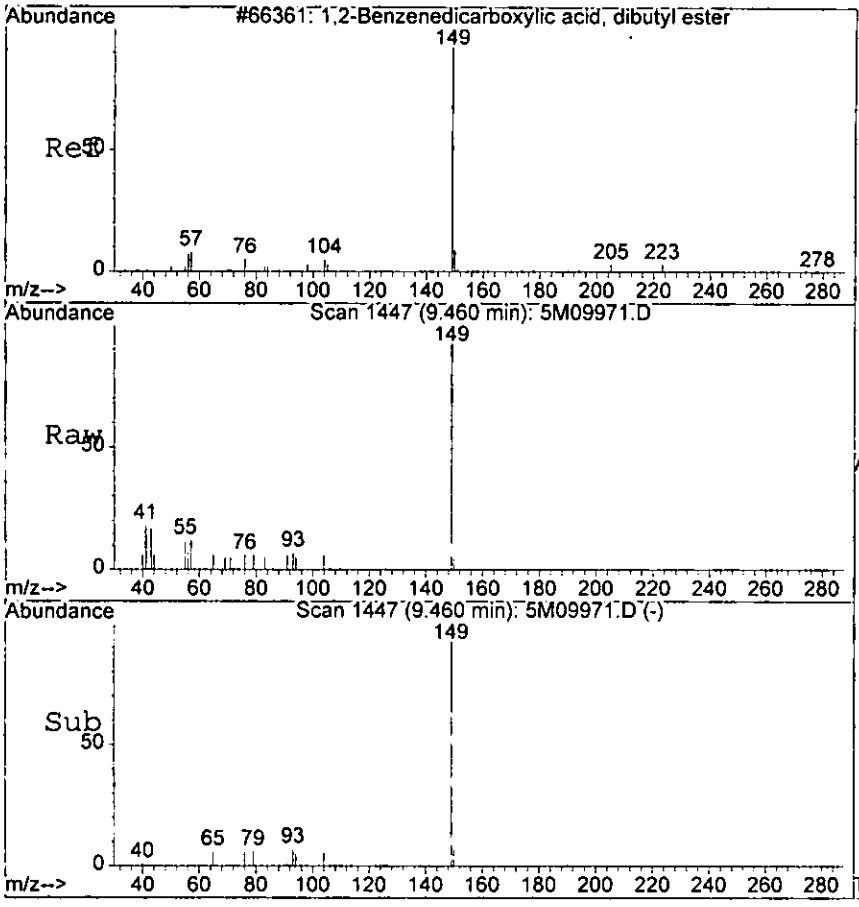
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09971.D Vial: 23
Acq On : 11 Aug 2005 14:26 Operator: AHD
Sample : AC18873-012 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 15:04 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration

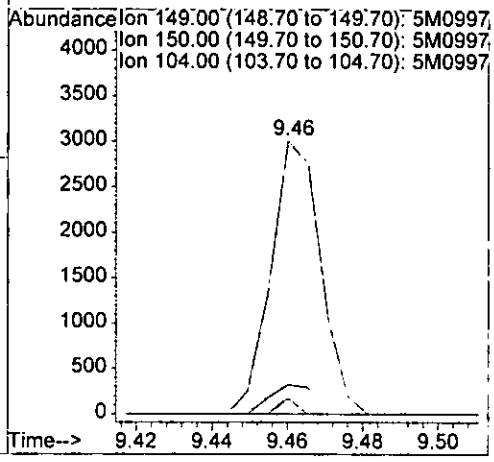




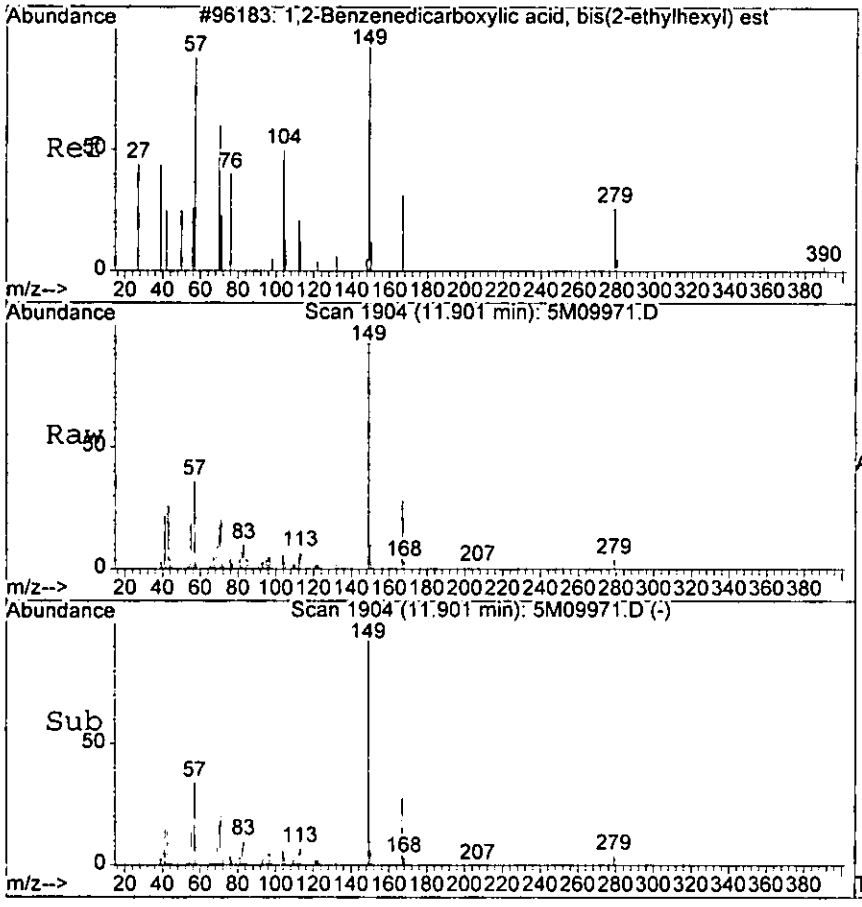
#74
Di-n-butylphthalate
Concen: 1.02 ng
RT: 9.46 min Scan# 1447
Delta R.T. -0.22 min
Lab File: 5M09971.D
Acq: 11 Aug 2005 14:26

Tgt Ion:149 Resp: 2749

Ion	Ratio	Lower	Upper
149	100		
150	10.7	0.0	49.0
104	5.7	0.0	45.3

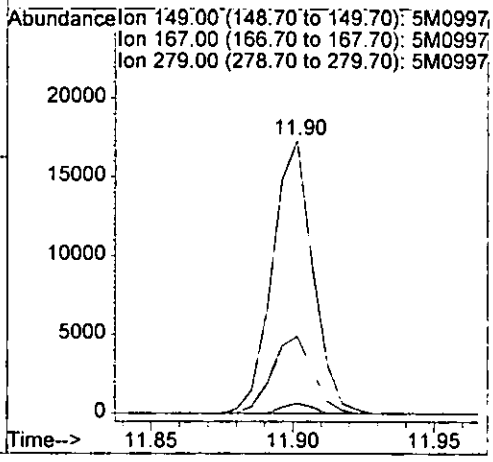


1465

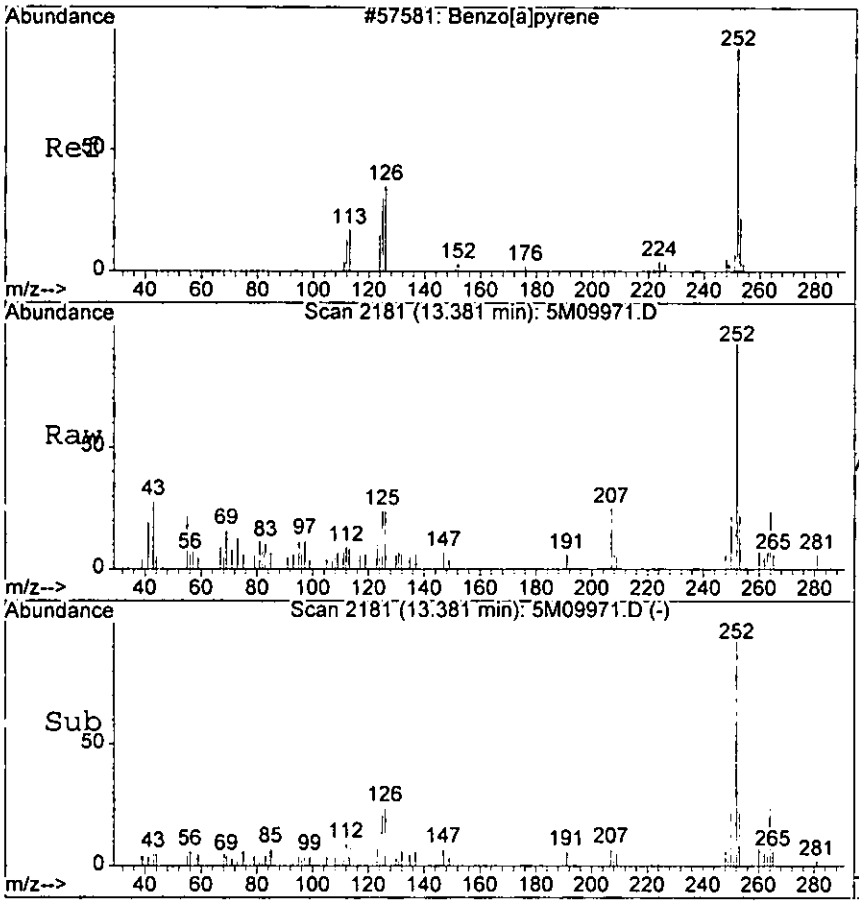


#87
bis(2-Ethylhexyl)phthalate
Concen: 11.56 ng
RT: 11.90 min Scan# 1904
Delta R.T. -0.23 min
Lab File: 5M09971.D
Acq: 11 Aug 2005 14:26

Tgt Ion:149	Resp:	17251	
Ion	Ratio	Lower	Upper
149	100		
167	28.2	2.4	58.4
279	3.8	0.0	44.1



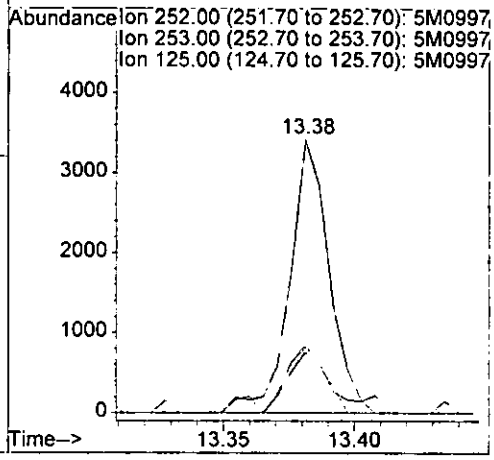
18/10



#92
Benzo[a]pyrene
Concen: 1.99 ng
RT: 13.38 min Scan# 2181
Delta R.T. -0.19 min
Lab File: 5M09971.D
Acq: 11 Aug 2005 14:26

Tgt Ion:252 Resp: 3588

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	61.5
125	24.4	0.0	56.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-013(MSD:AC
Client Id: PCSB-42(13')MSD
Data File: 5M09964.D
Analysis Date: 08/11/05 11:54
Date Rec/Extracted: 08/02/05-08/10/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 50

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	**1,2,4-Trichlorobenzene**	**0.012**	**5.5**	205-99-2	Benzo[b]fluoranthene	0.019	U
95-50-1	1,2-Dichlorobenzene	0.027	U	191-24-2	Benzo[g,h,i]perylene	0.0096	U
122-66-7	1,2-Diphenylhydrazine	0.022	U	207-08-9	Benzo[k]fluoranthene	0.023	U
541-73-1	1,3-Dichlorobenzene	0.019	U	111-91-1	bis(2-Chloroethoxy)methan	0.016	U
106-46-7	**1,4-Dichlorobenzene**	**0.012**	**5.5**	111-44-4	bis(2-Chloroethyl)ether	0.030	U
95-95-4	2,4,5-Trichlorophenol	0.10	U	108-60-1	bis(2-chloroisopropyl)ether	0.014	U
88-06-2	2,4,6-Trichlorophenol	0.050	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.042**	**0.11**
120-83-2	2,4-Dichlorophenol	0.089	U	85-68-7	Butylbenzylphthalate	0.018	U
105-67-9	2,4-Dimethylphenol	0.056	U	86-74-8	Carbazole	0.013	U
51-28-5	2,4-Dinitrophenol	0.12	U	218-01-9	Chrysene	0.019	U
121-14-2	**2,4-Dinitrotoluene**	**0.024**	**5.9**	84-74-2	Di-n-butylphthalate	0.013	U
606-20-2	2,6-Dinitrotoluene	0.030	U	117-84-0	Di-n-octylphthalate	0.023	U
91-58-7	2-Chloronaphthalene	0.0076	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	**2-Chlorophenol**	**0.12**	**10**	132-64-9	Dibenzofuran	0.086	U
91-57-6	2-Methylnaphthalene	0.11	U	84-66-2	Diethylphthalate	0.016	U
95-48-7	2-Methylphenol	0.25	U	131-11-3	Dimethylphthalate	0.011	U
88-74-4	2-Nitroaniline	0.086	U	206-44-0	Fluoranthene	0.011	U
88-75-5	2-Nitrophenol	0.082	U	86-73-7	Fluorene	0.016	U
106-44-5	3&4-Methylphenol	0.25	U	118-74-1	Hexachlorobenzene	0.027	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	87-68-3	Hexachlorobutadiene	0.016	U
99-09-2	3-Nitroaniline	0.17	U	77-47-4	Hexachlorocyclopentadiene	0.18	U
534-52-1	4,6-Dinitro-2-methylphenol	0.13	U	67-72-1	Hexachloroethane	0.023	U
101-55-3	4-Bromophenyl-phenylether	0.027	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.011	U
59-50-7	**4-Chloro-3-methylphenol**	**0.13**	**10**	78-59-1	Isophorone	0.36	U
106-47-8	4-Chloroaniline	0.45	U	**621-64-7**	**N-Nitroso-di-n-propylami**	**0.021**	**5.2**
7005-72-3	4-Chlorophenyl-phenylether	0.019	U	62-75-9	N-Nitrosodimethylamine	0.74	U
100-01-6	4-Nitroaniline	0.099	U	86-30-6	n-Nitrosodiphenylamine	0.018	U
100-02-7	**4-Nitrophenol**	**0.094**	**11**	91-20-3	Naphthalene	0.0065	U
83-32-9	**Acenaphthene**	**0.011**	**6.2**	98-95-3	Nitrobenzene	0.019	U
208-96-8	Acenaphthylene	0.010	U	**87-86-5**	**Pentachlorophenol**	**0.064**	**13**
120-12-7	Anthracene	0.013	U	85-01-8	Phenanthrene	0.015	U
92-87-5	Benzidine	0.69	U	**108-95-2**	**Phenol**	**0.11**	**10**
56-55-3	Benzo[a]anthracene	0.0093	U	**129-00-0**	**Pyrene**	**0.015**	**5.8**
50-32-8	**Benzo[a]pyrene**	**0.011**	**0.080**				

Worksheet #: 18319

Total Target Concentration 88.29

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09964.D Vial: 1
Acq On : 11 Aug 2005 11:54 Operator: AHD
Sample : AC18873-013(MSD:AC18873-012) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:40 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.07	152	25596	40.00	ng	-0.18
20) Naphthalene-d8	6.11	136	100238	40.00	ng	-0.17
36) Acenaphthene-d10	7.44	164	53515	40.00	ng	-0.20
61) Phenanthrene-d10	8.80	188	86284	40.00	ng	-0.22
77) Chrysene-d12	11.77	240	69829	40.00	ng	-0.26
88) Perylene-d12	13.35	264	50501	40.00	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	3.74	112	147836	171.48	ng	-0.22
Spiked Amount 200.000			Recovery =	85.74%		
8) Phenol-d5	4.78	99	195817	155.34	ng	-0.17
Spiked Amount 200.000			Recovery =	77.67%		
21) Nitrobenzene-d5	5.54	128	36284	82.67	ng	-0.18
Spiked Amount 100.000			Recovery =	82.67%		
41) 2-Fluorobiphenyl	6.92	172	151641	90.65	ng	-0.18
Spiked Amount 100.000			Recovery =	90.65%		
64) 2,4,6-Tribromophenol	8.13	330	34393	186.25	ng	-0.21
Spiked Amount 200.000			Recovery =	93.13%		
80) Terphenyl-d14	10.58	244	138596	84.01	ng	-0.23
Spiked Amount 100.000			Recovery =	84.01%		
Target Compounds						Qvalue
9) Phenol	4.80	94	206124	154.27	ng	93
10) 2-Chlorophenol	4.88	128	156679	154.50	ng	94
12) 1,4-Dichlorobenzene	5.08	146	79897	83.21	ng	99
18) N-Nitroso-di-n-propylamine	5.44	70	57450	78.70	ng	97
29) 1,2,4-Trichlorobenzene	6.07	180	68190	83.00	ng	100
33) 4-Chloro-3-methylphenol	6.54	107	135239	152.83	ng	97
50) Acenaphthene	7.47	153	136392	92.28	ng	99
54) 2,4-Dinitrotoluene	7.61	165	49338	88.81	ng	88
55) 4-Nitrophenol	7.56	65	60077	171.89	ng	88
69) Pentachlorophenol	8.62	266	52719	192.54	ng	95
78) Pyrene	10.36	202	242152	86.59	ng	99
87) bis(2-Ethylhexyl)phthalate	11.90	149	2697	1.59	ng	83
92) Benzo[a]pyrene	13.38	252	2244	1.20	ng	77

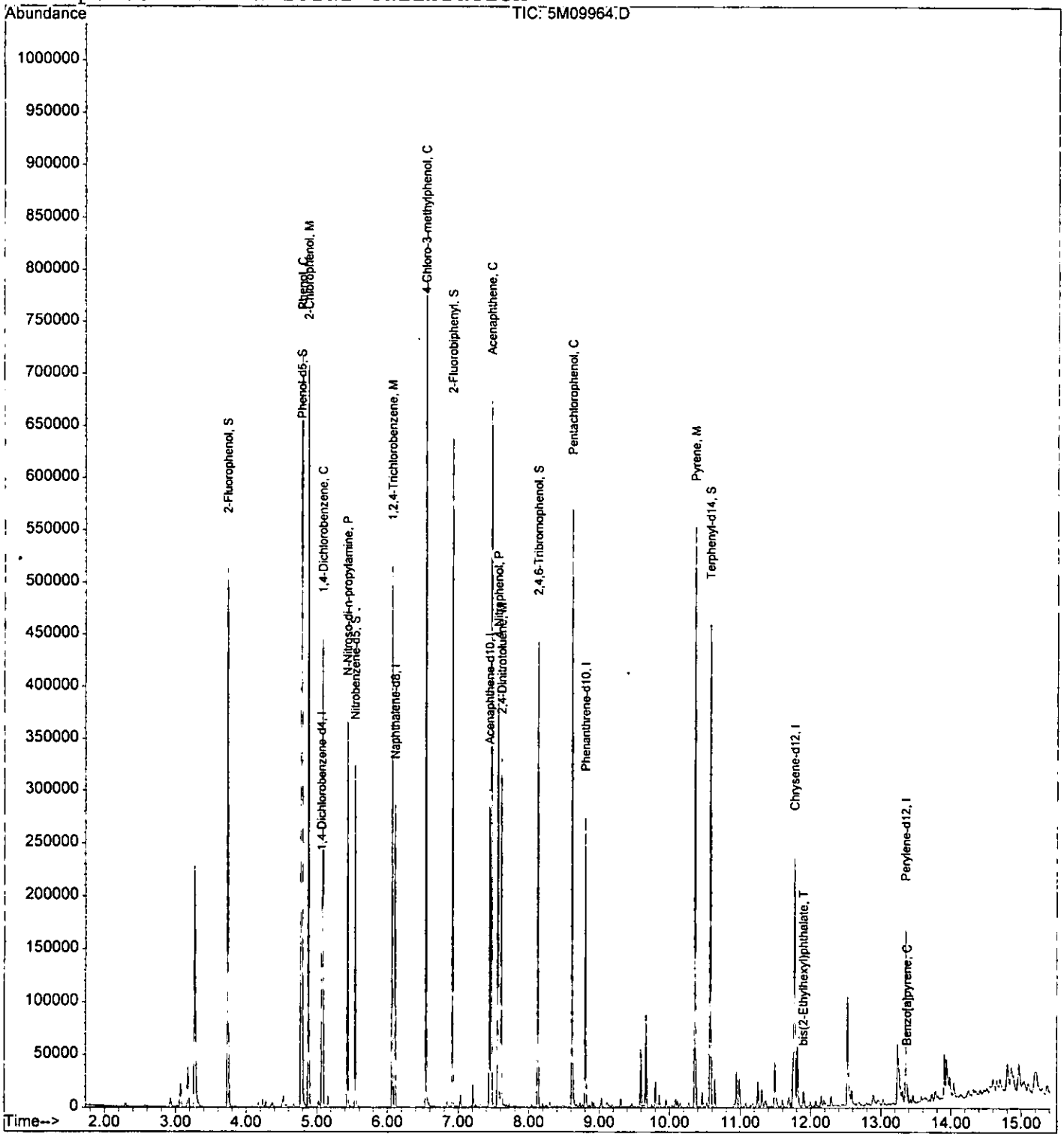
8/16

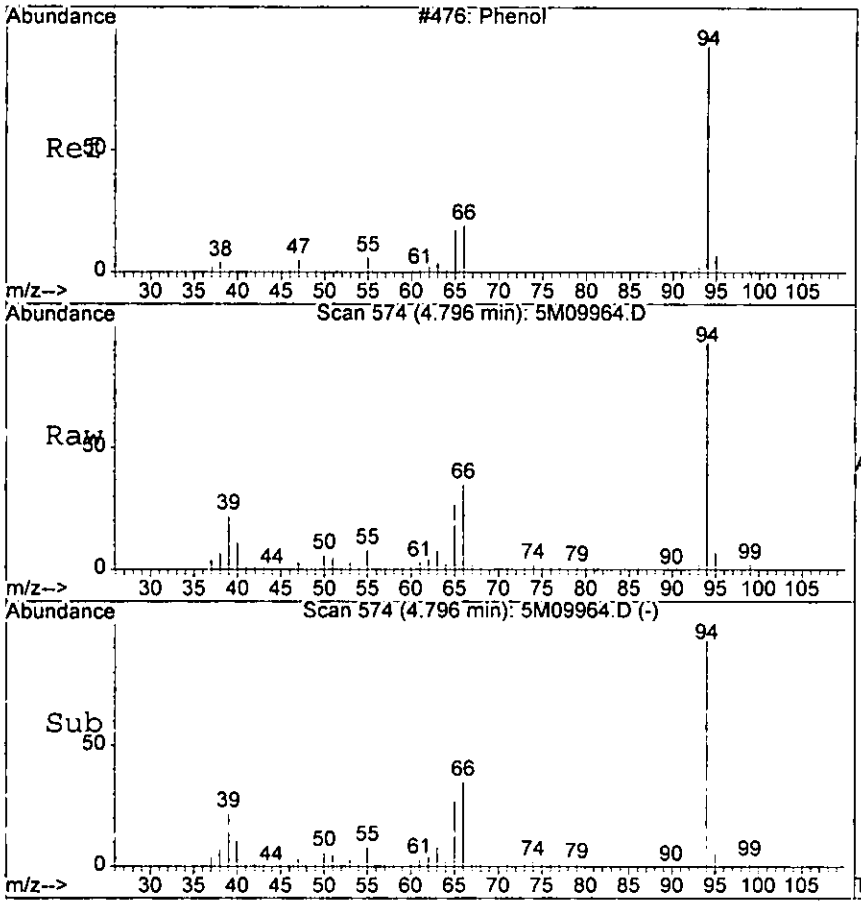
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09964.D Vial: 1
Acq On : 11 Aug 2005 11:54 Operator: AHD
Sample : AC18873-013(MSD:AC18873-012) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:40 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



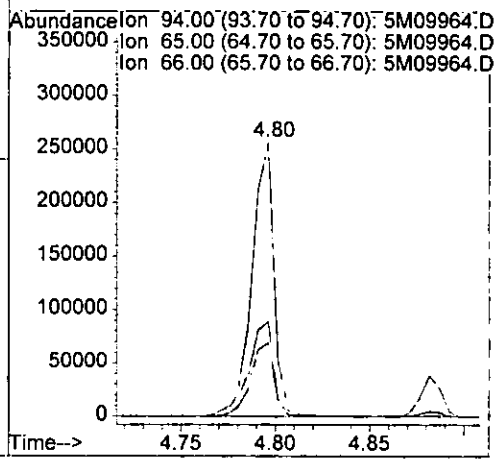


#9
Phenol
Concen: 154.27 ng
RT: 4.80 min Scan# 574
Delta R.T. -0.17 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

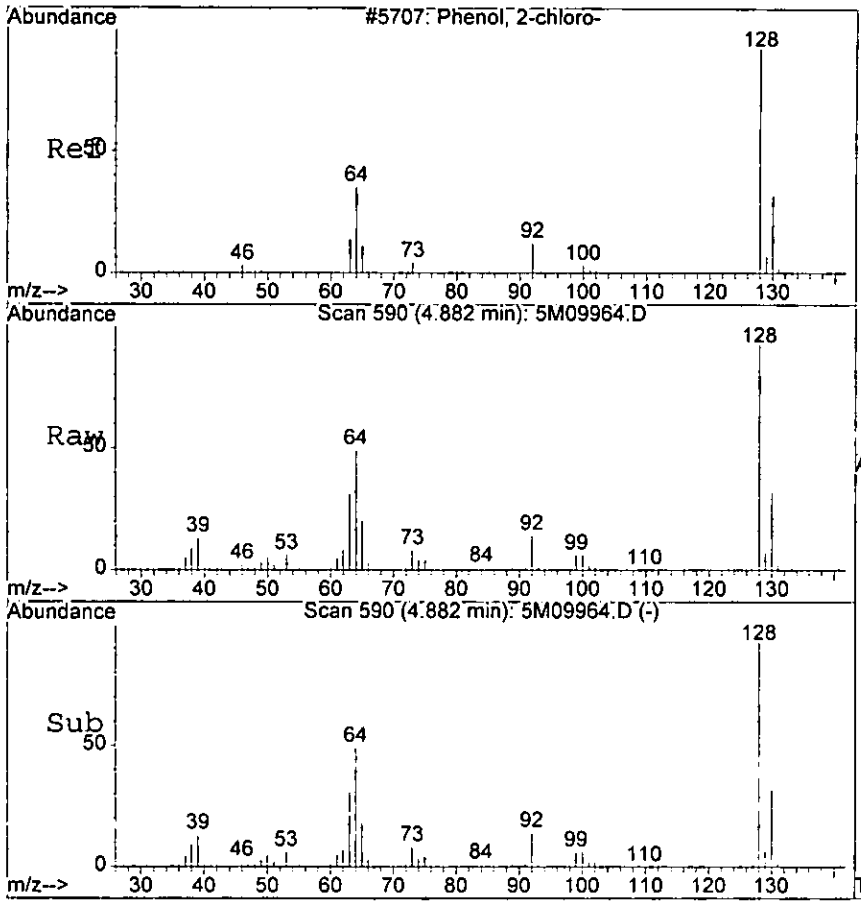
5090

Tgt Ion: 94 Resp: 206124

Ion	Ratio	Lower	Upper
94	100		
65	27.0	0.0	99.5
66	34.7	0.0	147.5



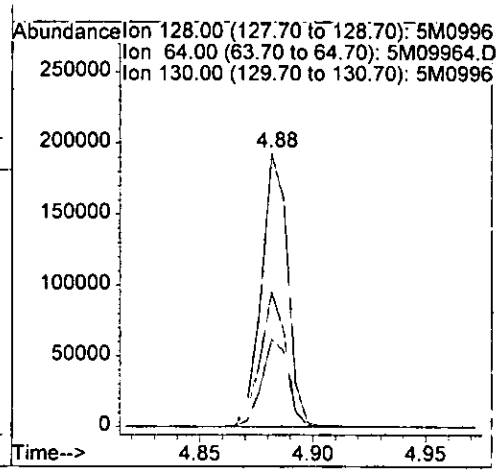
8/05

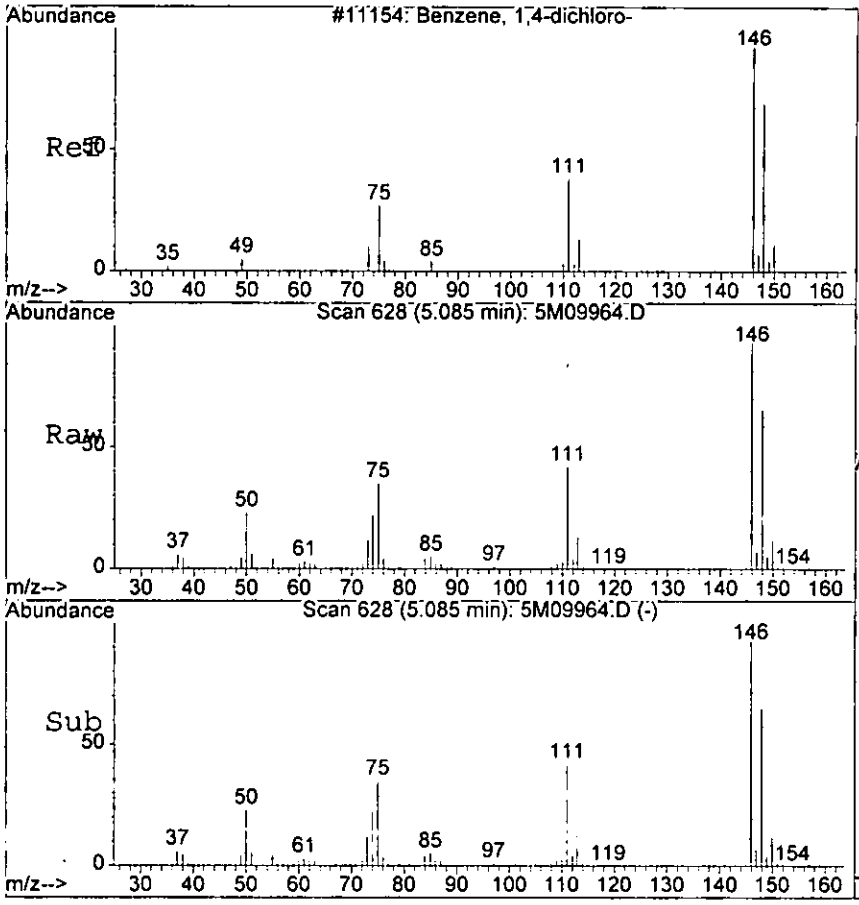


#10
2-Chlorophenol
Concen: 154.50 ng
RT: 4.88 min Scan# 590
Delta R.T. -0.19 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:128 Resp: 156679

Ion	Ratio	Lower	Upper
128	100		
64	49.5	2.8	82.8
130	32.2	8.4	56.4

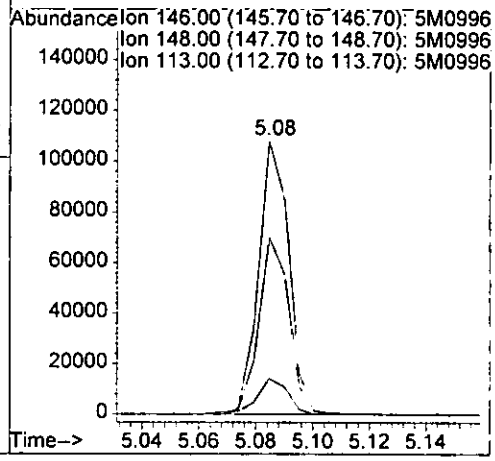




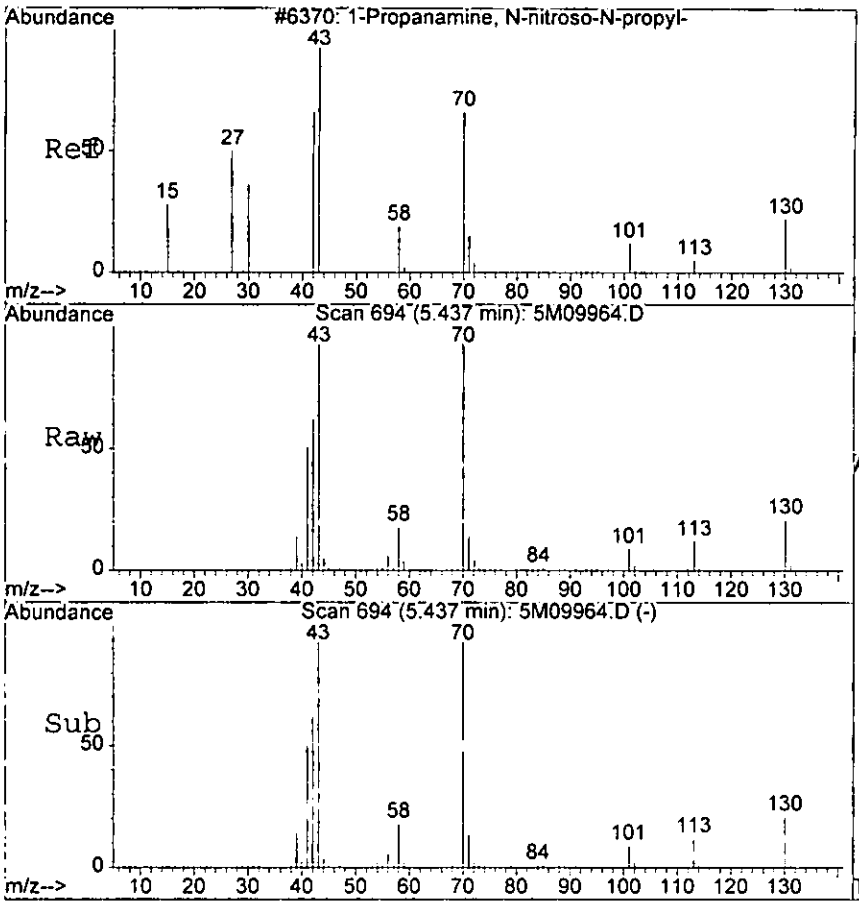
#12
1,4-Dichlorobenzene
Concen: 83.21 ng
RT: 5.08 min Scan# 628
Delta R.T. -0.18 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:146 Resp: 79897

Ion	Ratio	Lower	Upper
146	100		
148	64.9	23.9	103.9
113	13.0	0.0	53.1

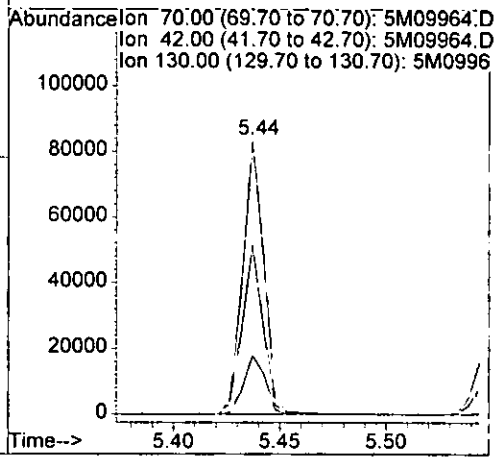


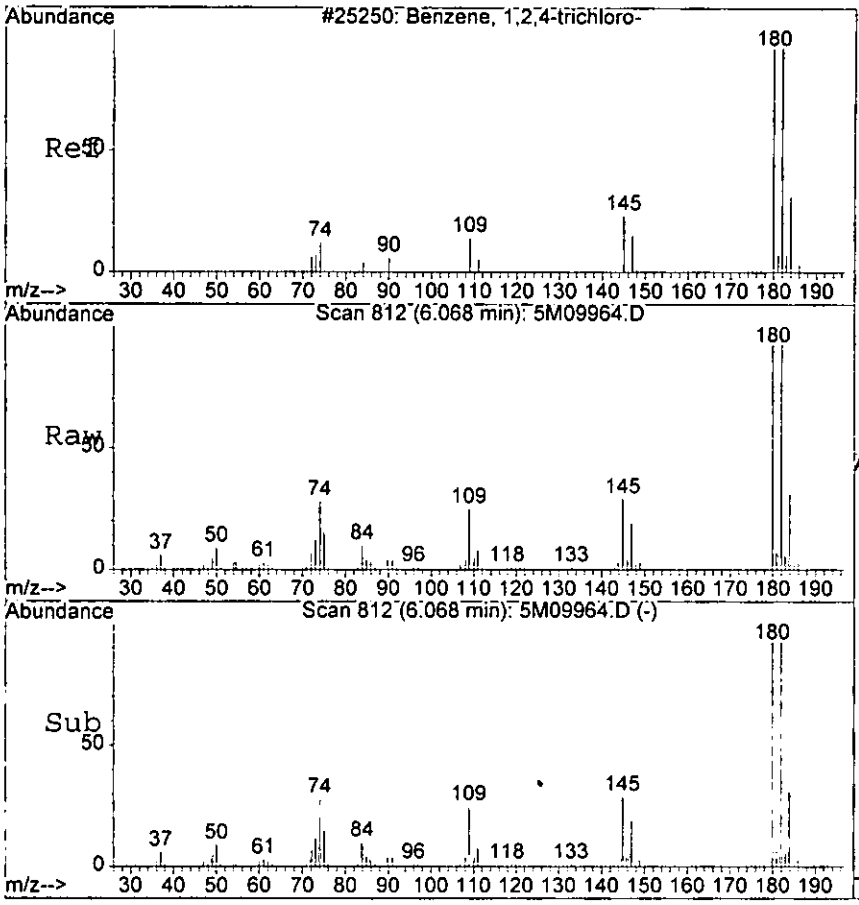
8/11/05



#18
N-Nitroso-di-n-propylamine
Concen: 78.70 ng
RT: 5.44 min Scan# 694
Delta R.T. -0.18 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

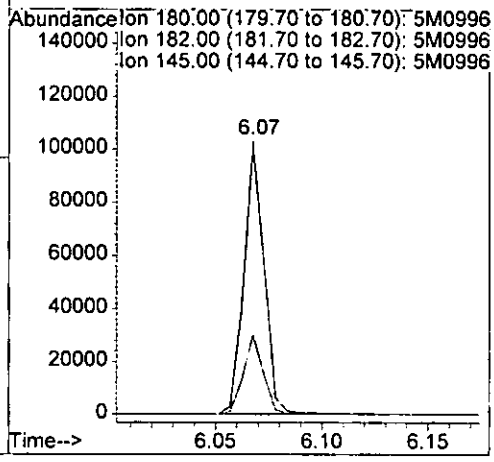
Tgt Ion: 70	Resp:	57450	
Ion	Ratio	Lower	Upper
70	100		
42	61.7	19.2	99.2
130	21.5	3.2	39.2

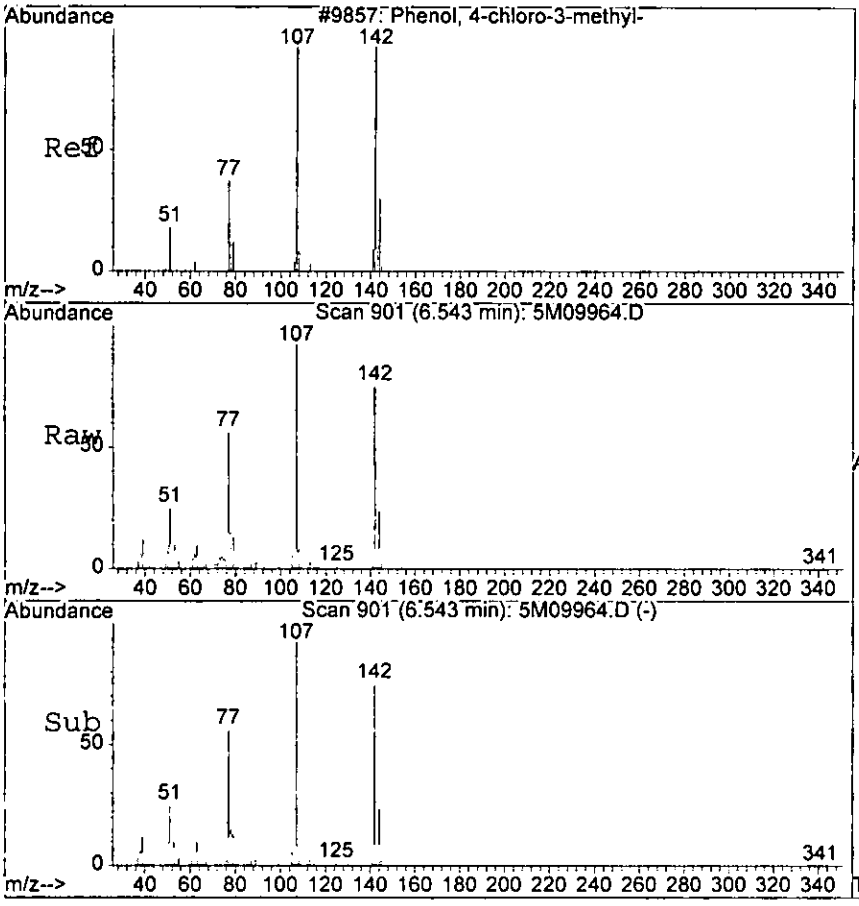




#29
1,2,4-Trichlorobenzene
Concen: 83.00 ng
RT: 6.07 min Scan# 812
Delta R.T. -0.17 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:180	Resp:	68190	
Ion	Ratio	Lower	Upper
180	100		
182	97.2	57.5	137.5
145	29.2	8.7	48.7

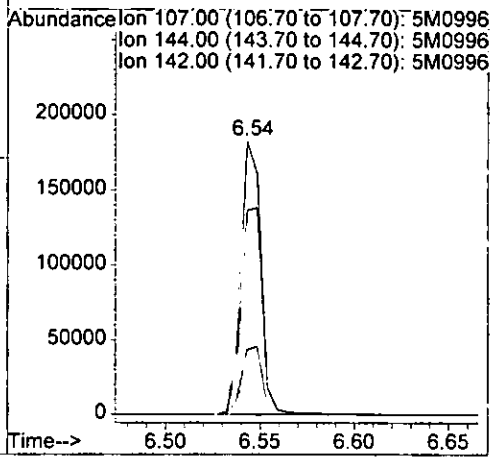


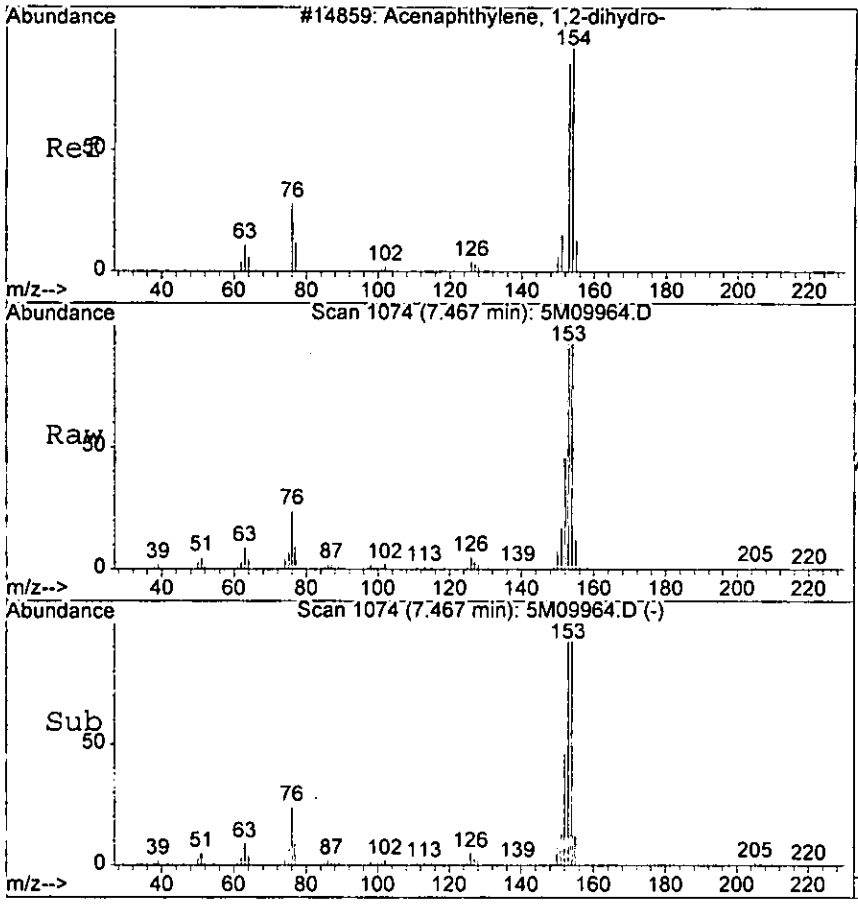


#33
4-Chloro-3-methylphenol
Concen: 152.83 ng
RT: 6.54 min Scan# 901
Delta R.T. -0.16 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:107 Resp: 135239

Ion	Ratio	Lower	Upper
107	100		
144	23.8	0.0	63.1
142	74.9	37.4	117.4

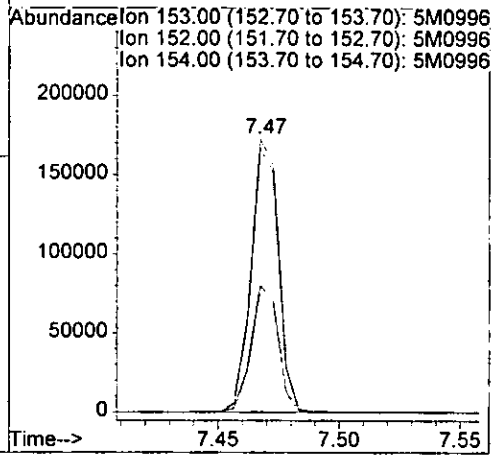


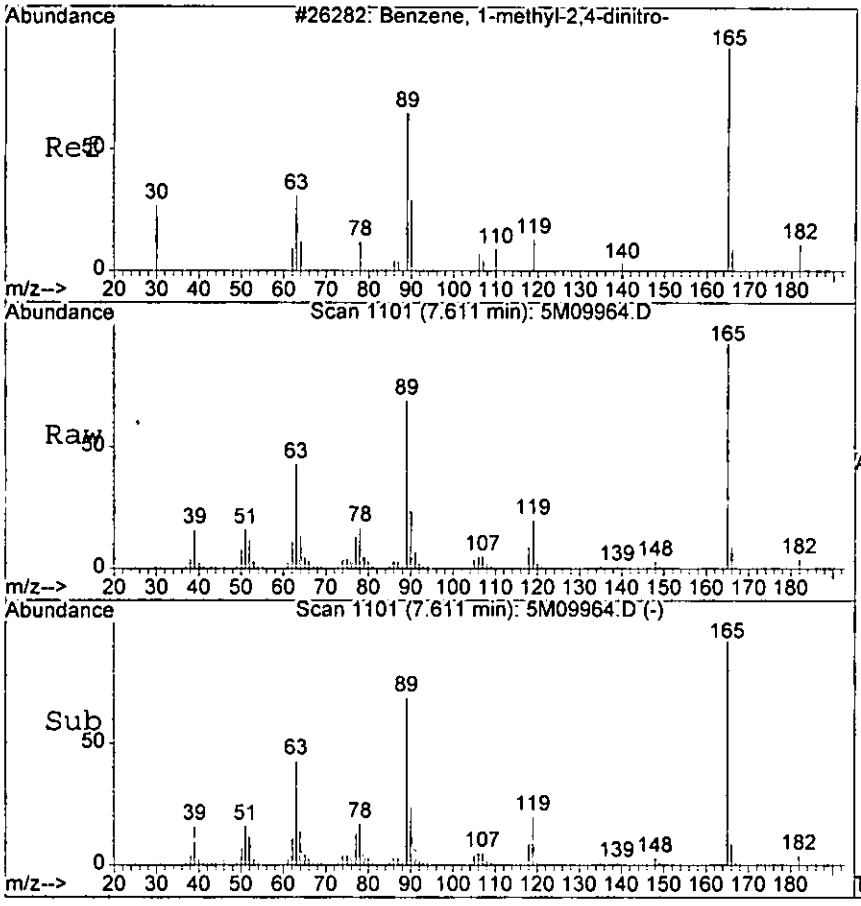


#50
Acenaphthene
Concen: 92.28 ng
RT: 7.47 min Scan# 1074
Delta R.T. -0.20 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:153 Resp: 136392

Ion	Ratio	Lower	Upper
153	100		
152	46.4	5.1	85.1
154	96.7	57.6	137.6

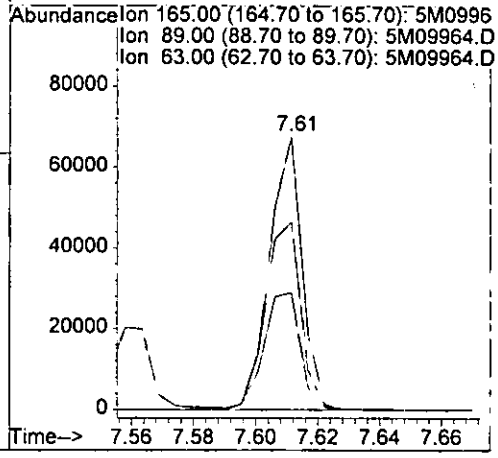




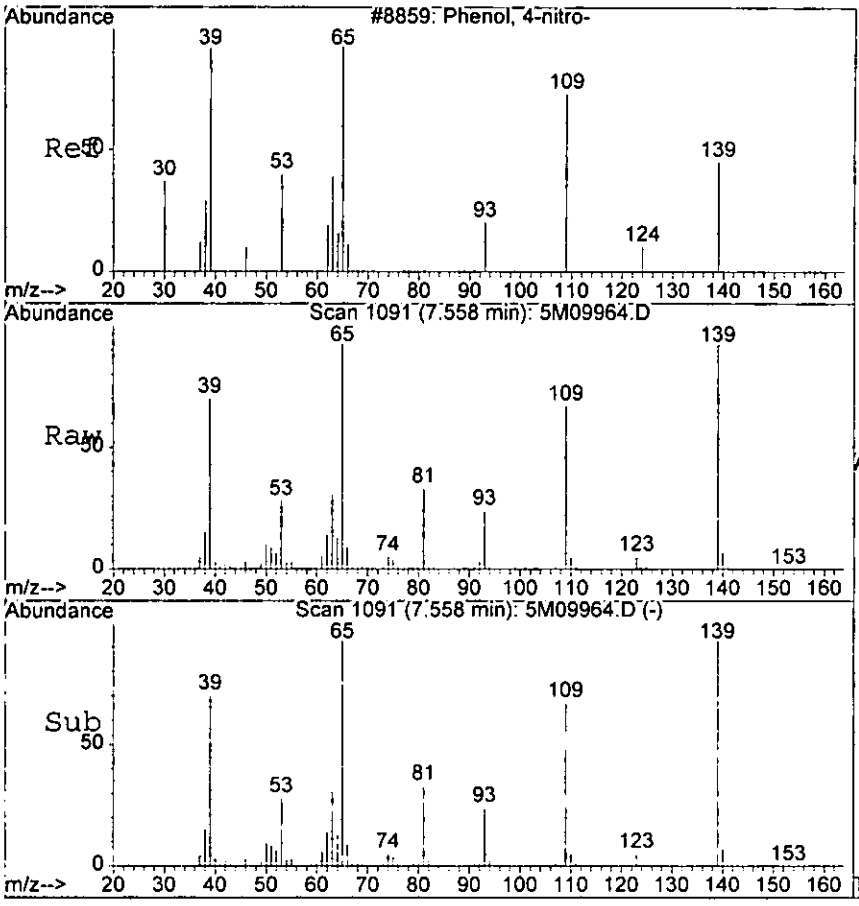
#54
2,4-Dinitrotoluene
Concen: 88.81 ng
RT: 7.61 min Scan# 1101
Delta R.T. -0.20 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:165 Resp: 49338

Ion	Ratio	Lower	Upper
165	100		
89	68.8	40.1	120.1
63	42.5	11.2	89.2



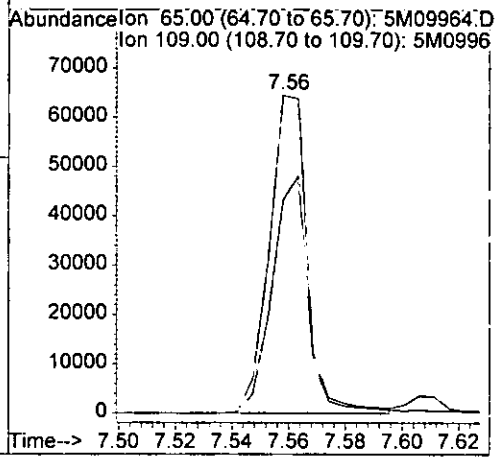
86129



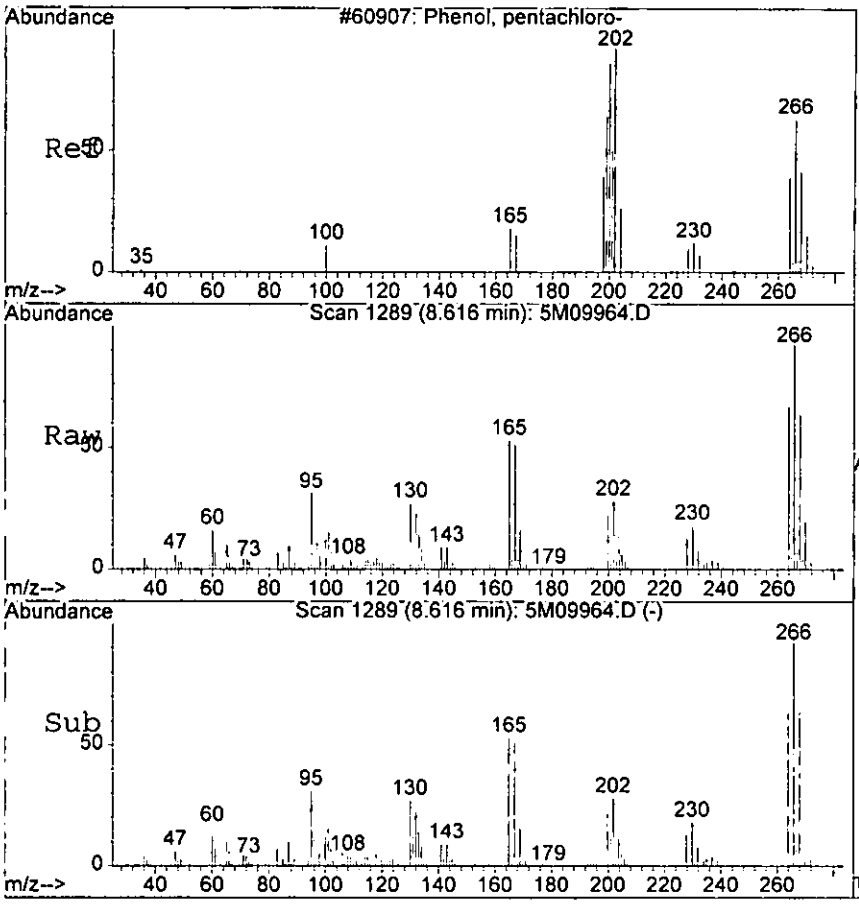
#55
4-Nitrophenol
Concen: 171.89 ng
RT: 7.56 min Scan# 1091
Delta R.T. -0.19 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion: 65 Resp: 60077

Ion	Ratio	Lower	Upper
65	100		
109	67.0	0.0	207.5



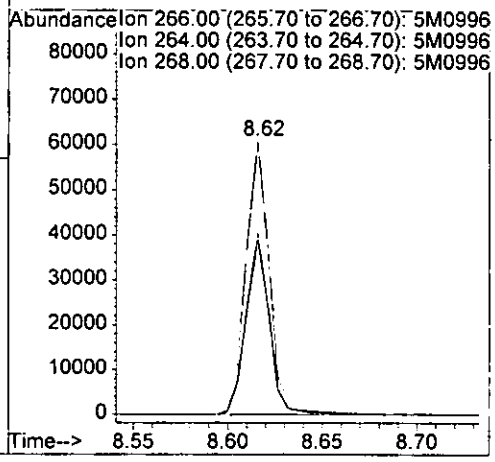
0513



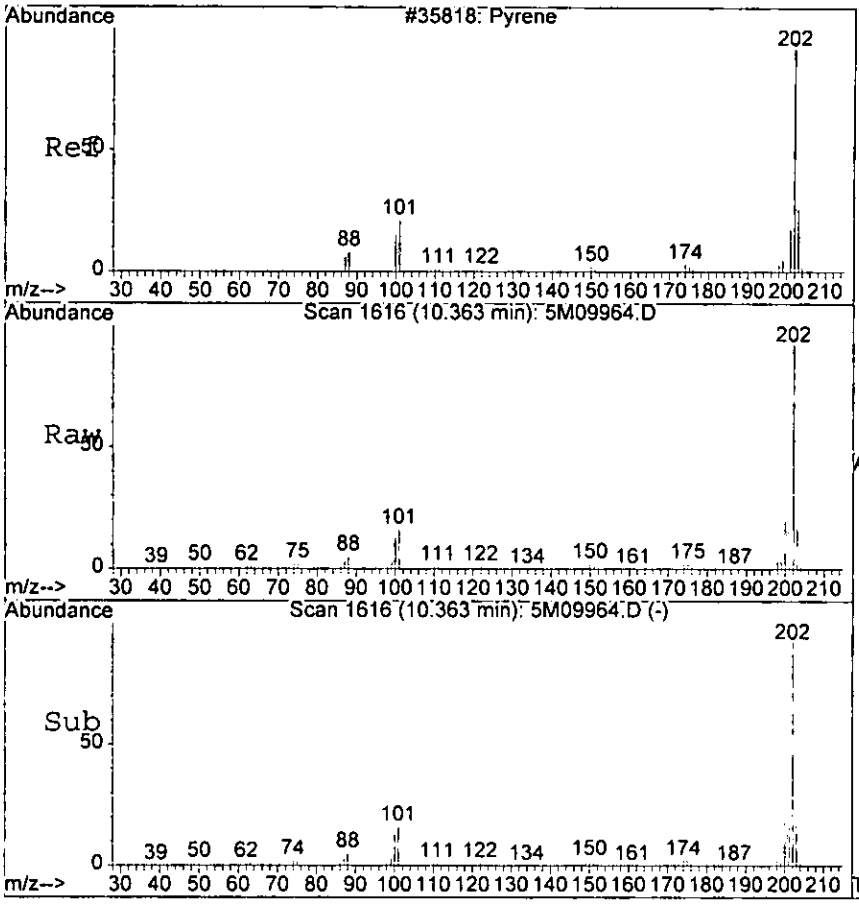
#69
Pentachlorophenol
Concen: 192.54 ng
RT: 8.62 min Scan# 1289
Delta R.T. -0.21 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:266 Resp: 52719

Ion	Ratio	Lower	Upper
266	100		
264	66.7	34.5	114.5
268	64.0	25.0	105.0



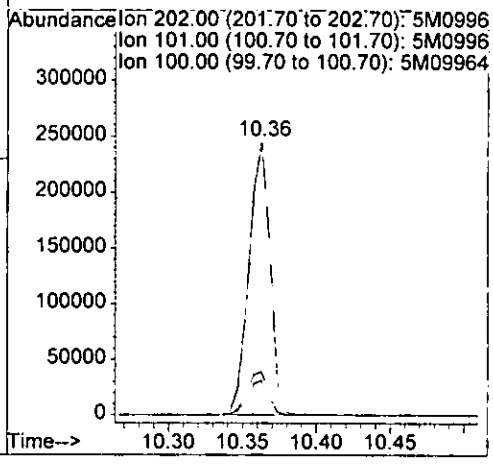
5M09964



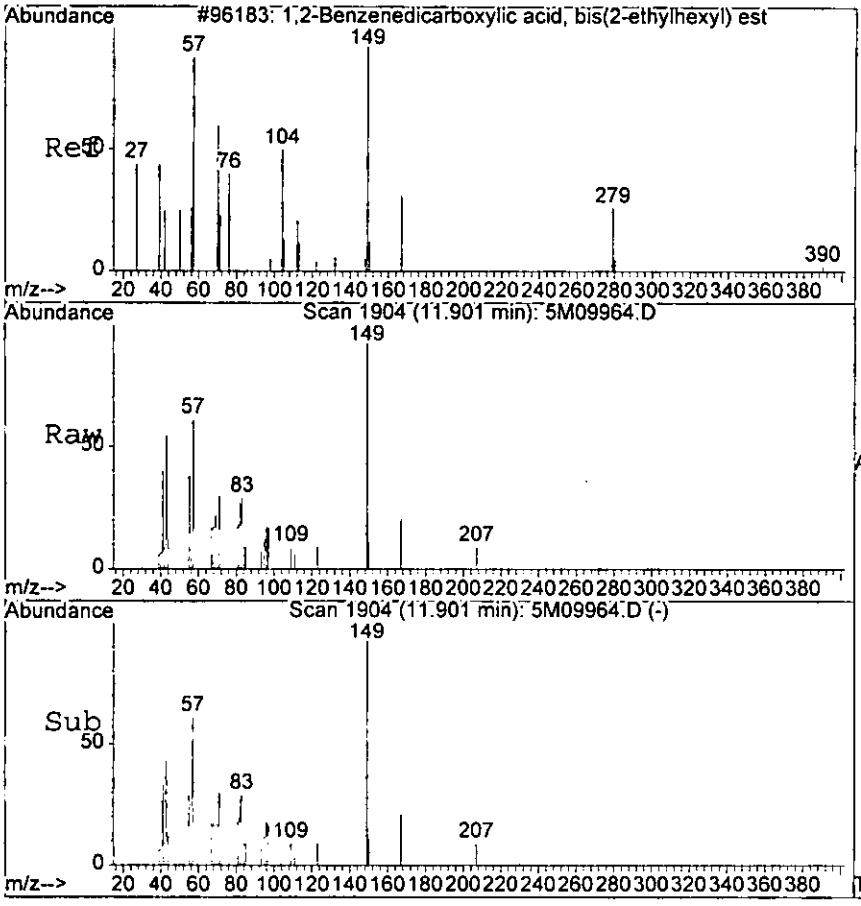
#78
Pyrene
Concen: 86.59 ng
RT: 10.36 min Scan# 1616
Delta R.T. -0.24 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:202 Resp: 242152

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	55.5
100	12.7	0.0	52.1

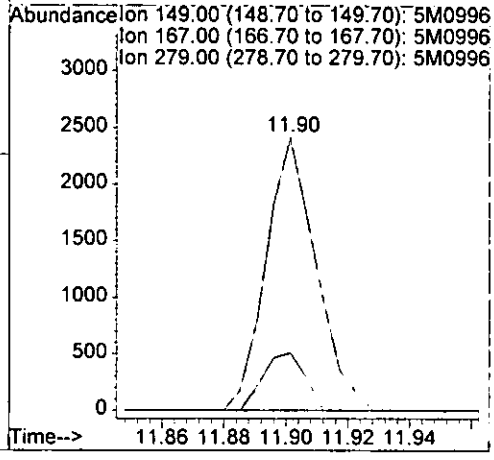


8515

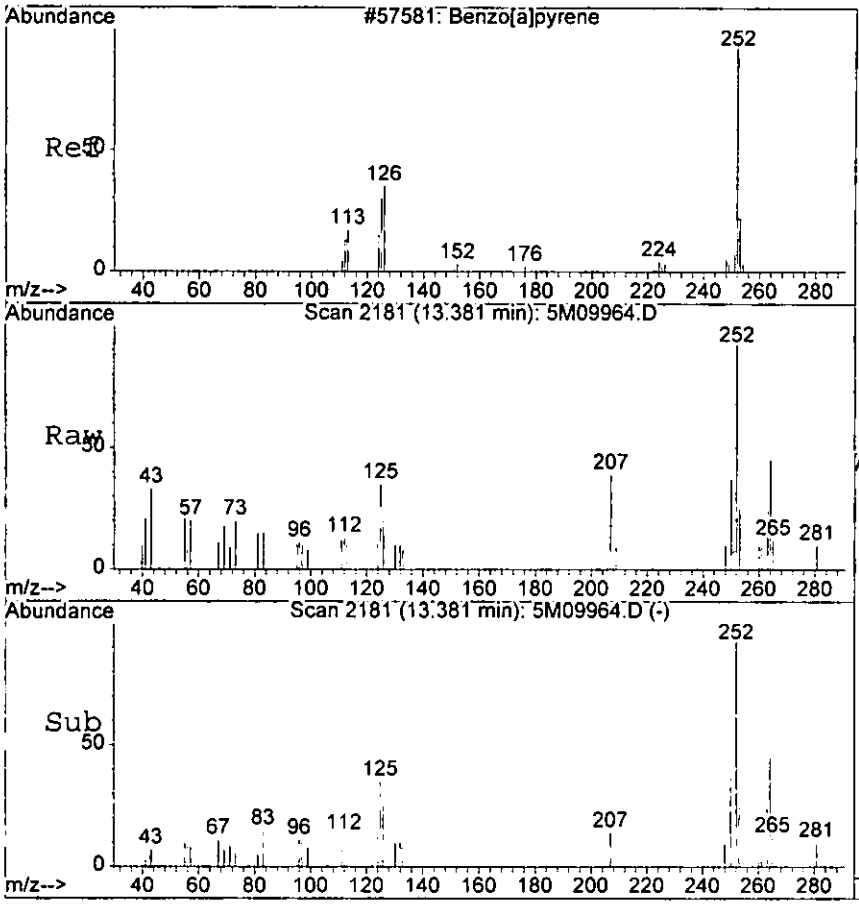


#87
bis(2-Ethylhexyl)phthalate
Concen: 1.59 ng
RT: 11.90 min Scan# 1904
Delta R.T. -0.23 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:149	Resp:	2697	
Ion	Ratio	Lower	Upper
149	100		
167	21.1	2.4	58.4
279	0.0	0.0	44.1



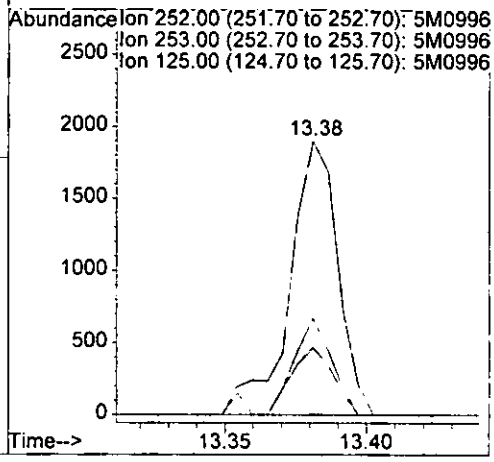
28/10



#92
Benzo[a]pyrene
Concen: 1.20 ng
RT: 13.38 min Scan# 2181
Delta R.T. -0.19 min
Lab File: 5M09964.D
Acq: 11 Aug 2005 11:54

Tgt Ion:252 Resp: 2244

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	61.5
125	35.3	0.0	56.0



0617

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-014
Client Id: FB080105
Data File: 5M09844.D
Analysis Date: 08/08/05 13:01
Date Rec/Extracted: 08/02/05-08/07/05

Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.19	U	205-99-2	Benzo[b]fluoranthene	0.30	U
95-50-1	1,2-Dichlorobenzene	0.43	U	191-24-2	Benzo[g,h,i]perylene	0.15	U
122-66-7	1,2-Diphenylhydrazine	0.35	U	207-08-9	Benzo[k]fluoranthene	0.38	U
541-73-1	1,3-Dichlorobenzene	0.31	U	111-91-1	bis(2-Chloroethoxy)methan	0.25	U
106-46-7	1,4-Dichlorobenzene	0.19	U	111-44-4	bis(2-Chloroethyl)ether	0.48	U
95-95-4	2,4,5-Trichlorophenol	1.7	U	108-60-1	bis(2-chloroisopropyl)ether	0.22	U
88-06-2	2,4,6-Trichlorophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.68	U
120-83-2	2,4-Dichlorophenol	1.4	U	85-68-7	Butylbenzylphthalate	0.29	U
105-67-9	2,4-Dimethylphenol	0.91	U	86-74-8	Carbazole	0.21	U
51-28-5	2,4-Dinitrophenol	2.0	U	218-01-9	Chrysene	0.31	U
121-14-2	2,4-Dinitrotoluene	0.38	U	84-74-2	Di-n-butylphthalate	0.22	U
606-20-2	2,6-Dinitrotoluene	0.48	U	117-84-0	Di-n-octylphthalate	0.37	U
91-58-7	2-Chloronaphthalene	0.12	U	53-70-3	Dibenzo[a,h]anthracene	0.20	U
95-57-8	2-Chlorophenol	2.0	U	132-64-9	Dibenzofuran	1.4	U
91-57-6	2-Methylnaphthalene	1.8	U	84-66-2	Diethylphthalate	0.25	U
95-48-7	2-Methylphenol	4.0	U	131-11-3	Dimethylphthalate	0.19	U
88-74-4	2-Nitroaniline	1.4	U	206-44-0	Fluoranthene	0.18	U
88-75-5	2-Nitrophenol	1.3	U	86-73-7	Fluorene	0.26	U
106-44-5	3&4-Methylphenol	4.0	U	118-74-1	Hexachlorobenzene	0.44	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	87-68-3	Hexachlorobutadiene	0.26	U
99-09-2	3-Nitroaniline	2.7	U	77-47-4	Hexachlorocyclopentadiene	2.9	U
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	67-72-1	Hexachloroethane	0.37	U
101-55-3	4-Bromophenyl-phenylether	0.44	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.18	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	78-59-1	Isophorone	5.7	U
106-47-8	4-Chloroaniline	7.3	U	621-64-7	N-Nitroso-di-n-propylamine	0.34	U
7005-72-3	4-Chlorophenyl-phenylether	0.30	U	62-75-9	N-Nitrosodimethylamine	12	U
100-01-6	4-Nitroaniline	1.6	U	86-30-6	n-Nitrosodiphenylamine	0.29	U
100-02-7	4-Nitrophenol	1.5	U	91-20-3	Naphthalene	0.10	U
83-32-9	Acenaphthene	0.18	U	98-95-3	Nitrobenzene	0.30	U
208-96-8	Acenaphthylene	0.16	U	87-86-5	Pentachlorophenol	1.0	U
120-12-7	Anthracene	0.21	U	85-01-8	Phenanthrene	0.24	U
92-87-5	Benzidine	11	U	108-95-2	Phenol	1.8	U
56-55-3	Benzo[a]anthracene	0.15	U	129-00-0	Pyrene	0.25	U
50-32-8	Benzo[a]pyrene	0.18	U				

Worksheet #: 18319

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09844.D Vial: 19
Acq On : 8 Aug 2005 13:01 Operator: AHD
Sample : AC18873-014 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:41 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.09	152	26414	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	102280	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	58400	40.00	ng	-0.18
61) Phenanthrene-d10	8.82	188	105917	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	90637	40.00	ng	-0.23
88) Perylene-d12	13.39	264	72896	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	113582	127.67	ng	-0.20
Spiked Amount 200.000			Recovery =	63.83%		
8) Phenol-d5	4.79	99	111495	85.71	ng	-0.16
Spiked Amount 200.000			Recovery =	42.86%		
21) Nitrobenzene-d5	5.57	128	38196	85.29	ng	-0.15
Spiked Amount 100.000			Recovery =	85.29%		
41) 2-Fluorobiphenyl	6.94	172	143910	78.83	ng	-0.15
Spiked Amount 100.000			Recovery =	78.83%		
64) 2,4,6-Tribromophenol	8.16	330	41231	181.89	ng	-0.19
Spiked Amount 200.000			Recovery =	90.94%		
80) Terphenyl-d14	10.60	244	188043	87.82	ng	-0.21
Spiked Amount 100.000			Recovery =	87.82%		
Target Compounds						Qvalue

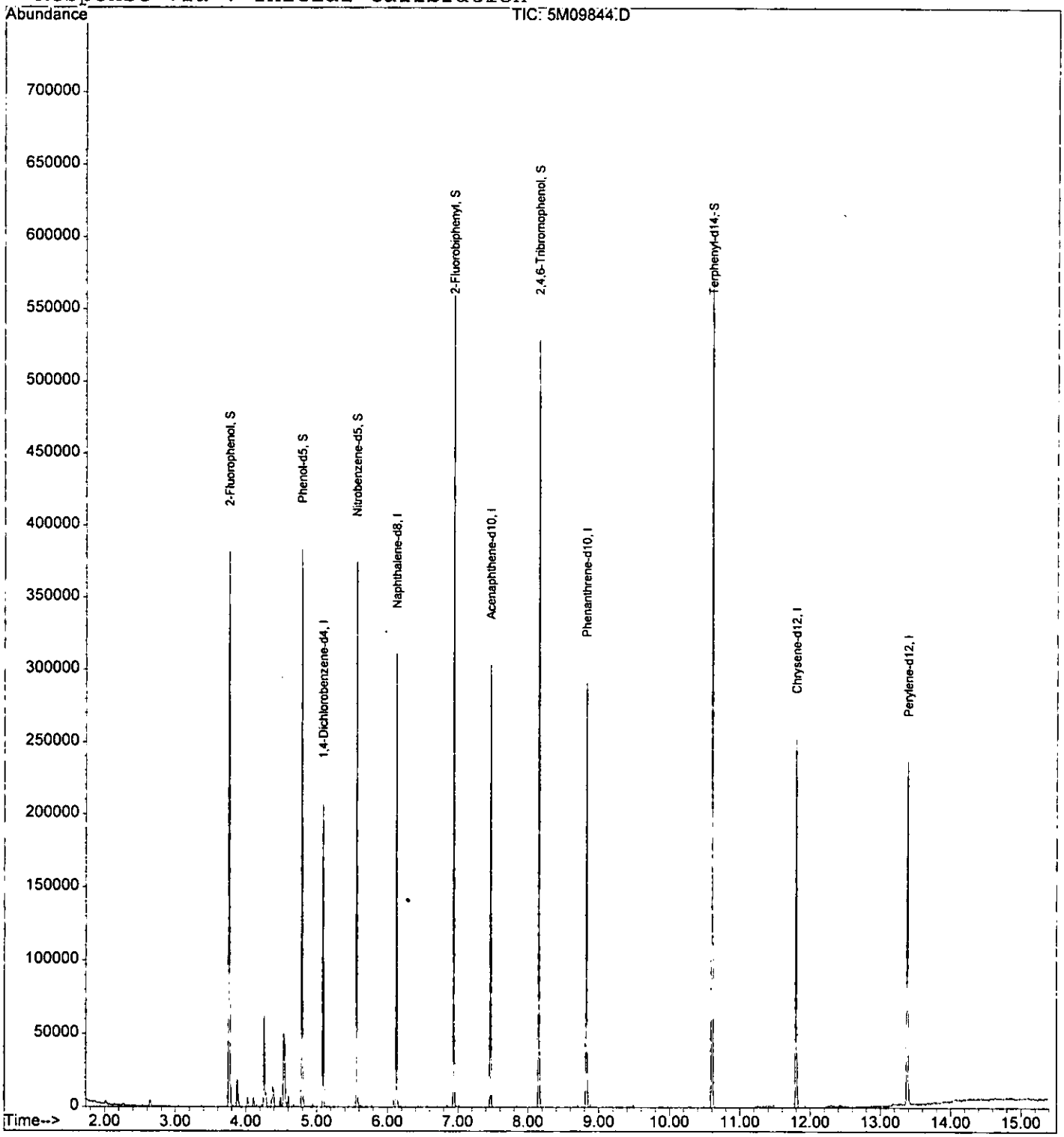
8/16/05

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09844.D Vial: 19
Acq On : 8 Aug 2005 13:01 Operator: AHD
Sample : AC18873-014 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:41 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-015(3X)
Client Id: PCSB-35(0.5')
Data File: 4M05500.D
Analysis Date: 08/10/05 15:20
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 96

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.028	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.031**	**0.88**
95-50-1	1,2-Dichlorobenzene	0.048	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.020**	**0.53**
122-66-7	1,2-Diphenylhydrazine	0.030	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.034**	**0.25**
541-73-1	1,3-Dichlorobenzene	0.044	U	111-91-1	bis(2-Chloroethoxy)methan	0.024	U
106-46-7	1,4-Dichlorobenzene	0.053	U	111-44-4	bis(2-Chloroethyl)ether	0.055	U
95-95-4	2,4,5-Trichlorophenol	1.4	U	108-60-1	bis(2-chloroisopropyl)ether	0.034	U
88-06-2	2,4,6-Trichlorophenol	2.5	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.094**	**0.12**
120-83-2	2,4-Dichlorophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.042	U
105-67-9	2,4-Dimethylphenol	0.14	U	86-74-8	Carbazole	0.031	U
51-28-5	2,4-Dinitrophenol	0.71	U	**218-01-9**	**Chrysene**	**0.022**	**0.70**
121-14-2	2,4-Dinitrotoluene	0.039	U	84-74-2	Di-n-butylphthalate	0.023	U
606-20-2	2,6-Dinitrotoluene	0.043	U	117-84-0	Di-n-octylphthalate	0.025	U
91-58-7	2-Chloronaphthalene	0.029	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.036**	**0.17**
95-57-8	2-Chlorophenol	0.21	U	132-64-9	Dibenzofuran	0.13	U
91-57-6	**2-Methylnaphthalene**	**0.13**	**0.11 J**	84-66-2	Diethylphthalate	0.029	U
95-48-7	2-Methylphenol	0.50	U	131-11-3	Dimethylphthalate	0.024	U
88-74-4	2-Nitroaniline	0.073	U	**206-44-0**	**Fluoranthene**	**0.030**	**1.2**
88-75-5	2-Nitrophenol	0.12	U	86-73-7	Fluorene	0.026	U
106-44-5	3&4-Methylphenol	0.55	U	118-74-1	Hexachlorobenzene	0.048	U
91-94-1	3,3'-Dichlorobenzidine	0.23	U	87-68-3	Hexachlorobutadiene	0.044	U
99-09-2	3-Nitroaniline	0.43	U	77-47-4	Hexachlorocyclopentadiene	0.28	U
534-52-1	4,6-Dinitro-2-methylphenol	0.20	U	67-72-1	Hexachloroethane	0.078	U
101-55-3	4-Bromophenyl-phenylether	0.040	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.014**	**0.45**
59-50-7	4-Chloro-3-methylphenol	0.26	U	78-59-1	Isophorone	0.032	U
106-47-8	4-Chloroaniline	0.80	U	621-64-7	N-Nitroso-di-n-propylamine	0.050	U
7005-72-3	4-Chlorophenyl-phenylether	0.048	U	62-75-9	N-Nitrosodimethylamine	1.2	U
100-01-6	4-Nitroaniline	0.26	U	86-30-6	n-Nitrosodiphenylamine	0.050	U
100-02-7	4-Nitrophenol	0.18	U	91-20-3	Naphthalene	0.024	U
83-32-9	Acenaphthene	0.043	U	98-95-3	Nitrobenzene	0.041	U
208-96-8	Acenaphthylene	0.024	U	87-86-5	Pentachlorophenol	0.13	U
120-12-7	Anthracene	0.027	U	**85-01-8**	**Phenanthrene**	**0.024**	**0.54**
92-87-5	Benzidine	0.24	U	108-95-2	Phenol	0.16	U
56-55-3	**Benzo[a]anthracene**	**0.018**	**0.58**	**129-00-0**	**Pyrene**	**0.024**	**0.76**
50-32-8	**Benzo[a]pyrene**	**0.024**	**0.61**				

Worksheet #: 18319

Total Target Concentration 6.9

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05500.D Vial: 34
Acq On : 10 Aug 2005 15:20 Operator: AHD
Sample : AC18873-015(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:42 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

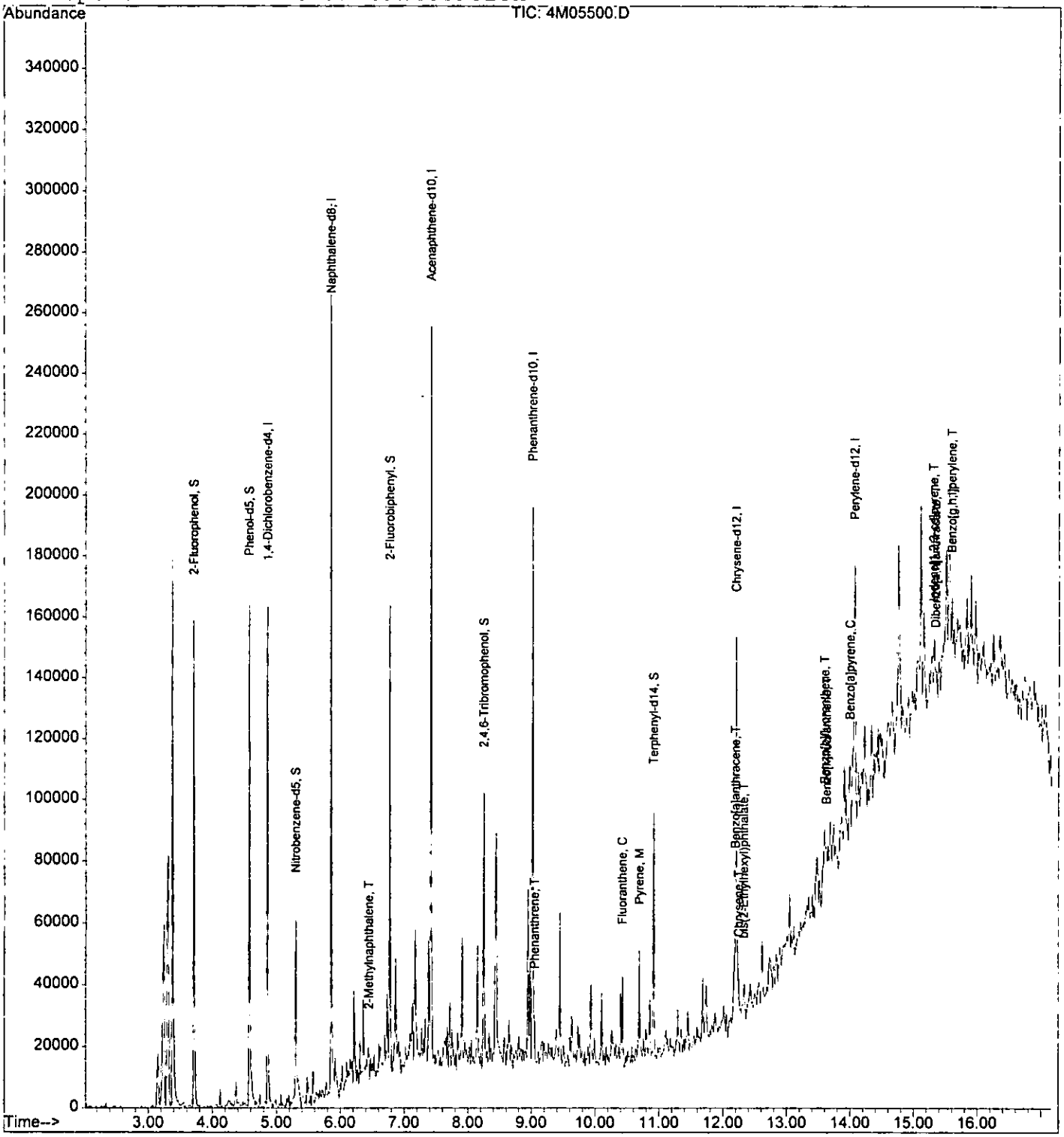
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	30396	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	95974	40.00	ng	0.00
35) Acenaphthene-d10	7.42	164	42147	40.00	ng	0.00
59) Phenanthrene-d10	9.02	188	59473	40.00	ng	0.00
72) Chrysene-d12	12.21	240	43825	40.00	ng	0.00
81) Perylene-d12	14.07	264	32155	40.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	42720	50.54	ng	0.00
Spiked Amount 200.000			Recovery = 25.27%			
7) Phenol-d5	4.58	99	54489	51.34	ng	0.00
Spiked Amount 200.000			Recovery = 25.67%			
20) Nitrobenzene-d5	5.31	128	9985	21.52	ng	0.00
Spiked Amount 100.000			Recovery = 21.52%			
40) 2-Fluorobiphenyl	6.78	172	38406	26.65	ng	0.00
Spiked Amount 100.000			Recovery = 26.65%			
62) 2,4,6-Tribromophenol	8.25	332	13779	46.01	ng	0.00
Spiked Amount 200.000			Recovery = 23.01%			
75) Terphenyl-d14	10.92	244	27403	22.06	ng	0.00
Spiked Amount 100.000			Recovery = 22.06%			
Target Compounds						Qvalue
33) 2-Methylnaphthalene	6.45	142	1506	1.03	ng	94
67) Phenanthrene	9.05	178	7896	5.21	ng	97
71) Fluoranthene	10.43	202	14798	11.08	ng	97
73) Pyrene	10.70	202	12735	7.26	ng	95
78) Benzo[a]anthracene	12.20	228	7767	5.52	ng	90
79) Chrysene	12.25	228	8377	6.71	ng	87
80) bis(2-Ethylhexyl)phthalate	12.33	149	1551	1.12	ng	54
83) Benzo[b]fluoranthene	13.60	252	10087m	8.48	ng	
84) Benzo[k]fluoranthene	13.63	252	2610m	2.40	ng	
85) Benzo[a]pyrene	14.00	252	6125	5.85	ng	76
86) Indeno[1,2,3-cd]pyrene	15.31	276	5064	4.29	ng	67
87) Dibenzo[a,h]anthracene	15.34	278	1563	1.66	ng	64
88) Benzo[g,h,i]perylene	15.59	276	5047	5.11	ng	83

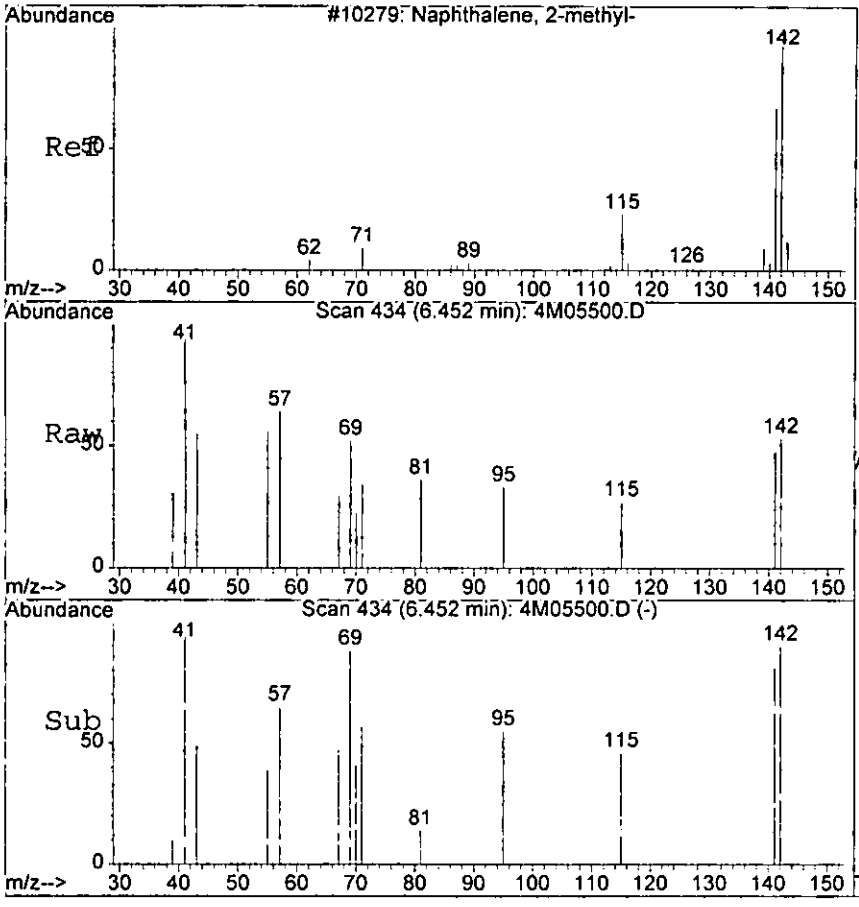
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05500.D Vial: 34
Acq On : 10 Aug 2005 15:20 Operator: AHD
Sample : AC18873-015(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:42 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

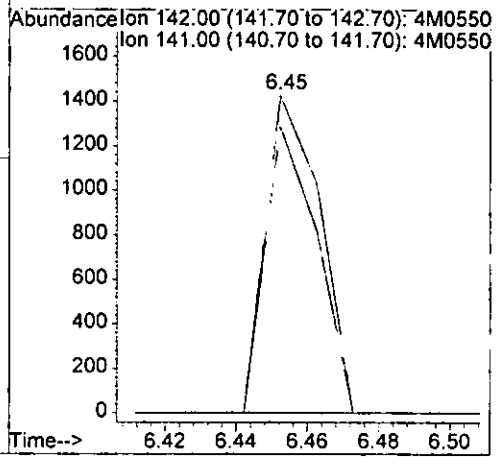


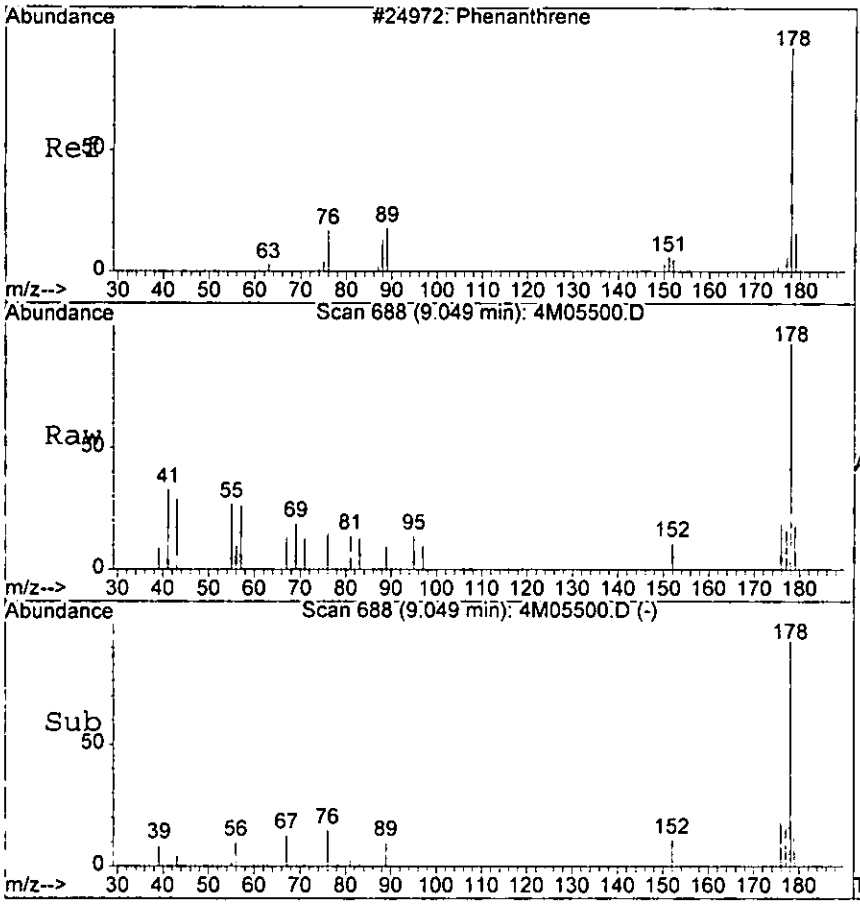


#33
2-Methylnaphthalene
Concen: 1.03 ng
RT: 6.45 min Scan# 434
Delta R.T. -0.00 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:142 Resp: 1506

Ion	Ratio	Lower	Upper
142	100		
141	90.3	55.7	135.7

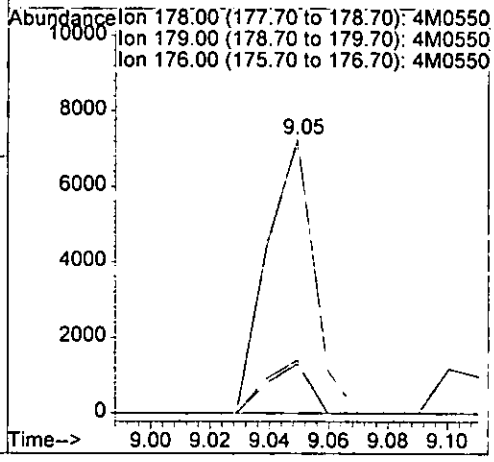




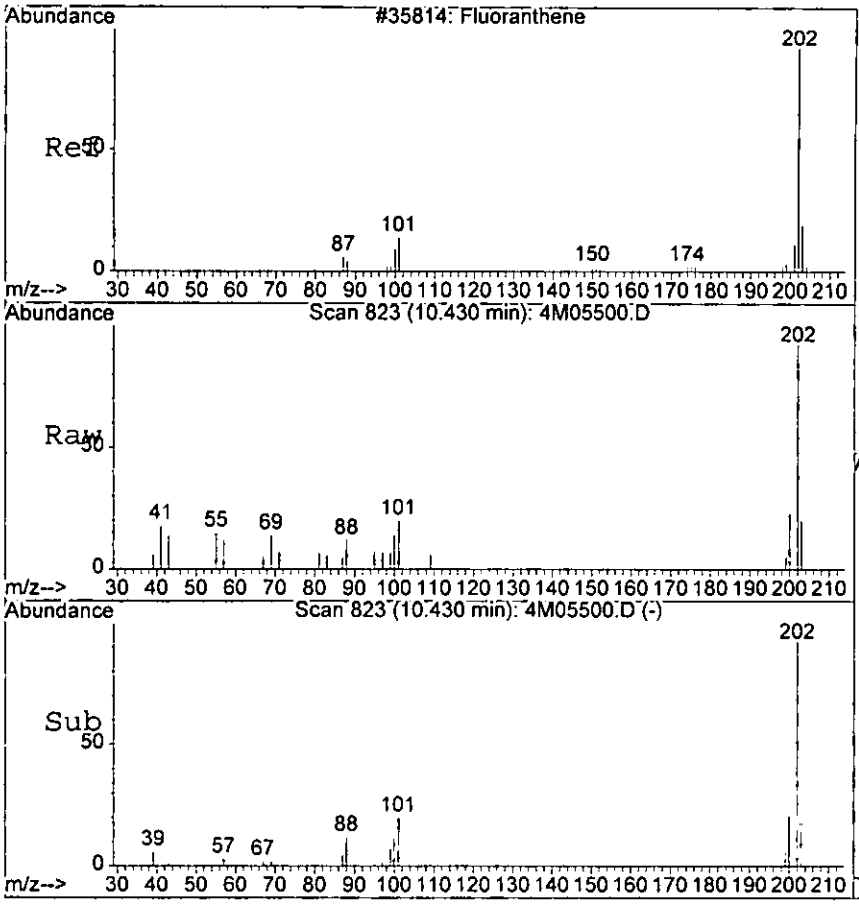
#67
Phenanthrene
Concen: 5.21 ng
RT: 9.05 min Scan# 688
Delta R.T. 0.01 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:178 Resp: 7896

Ion	Ratio	Lower	Upper
178	100		
179	18.1	0.0	56.6
176	19.4	0.0	60.5



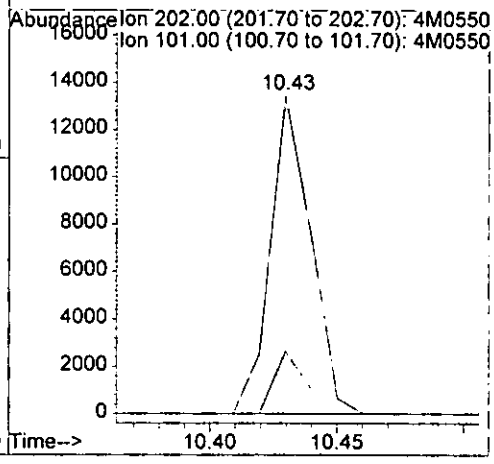
2876

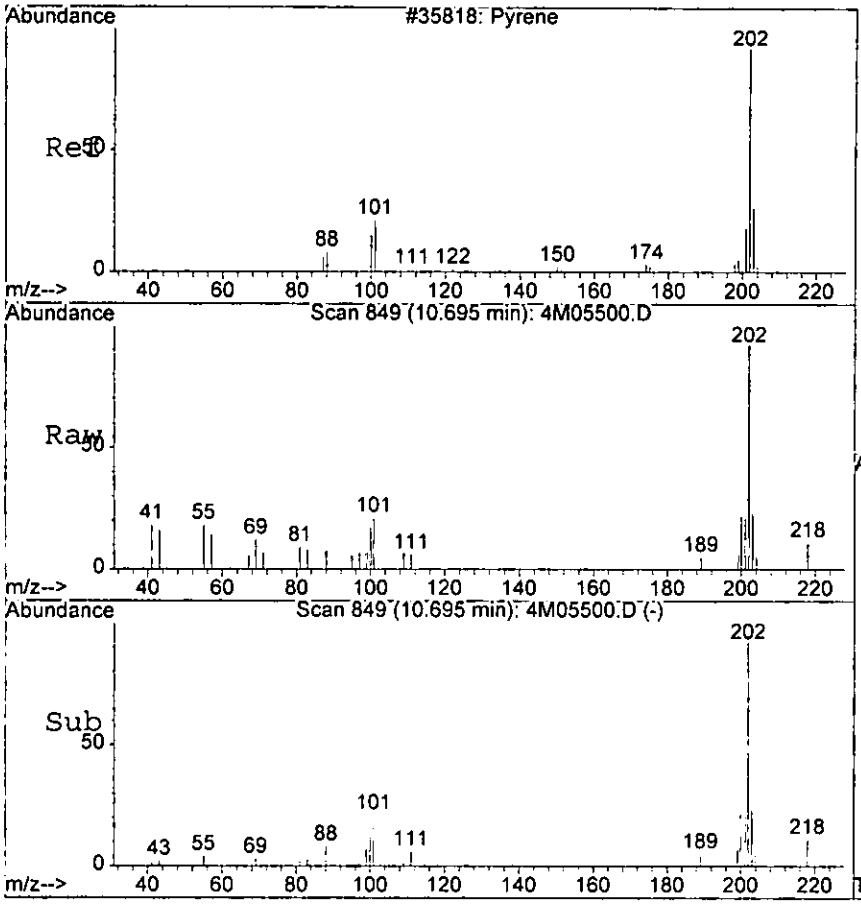


#71
Fluoranthene
Concen: 11.08 ng
RT: 10.43 min Scan# 823
Delta R.T. 0.01 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:202 Resp: 14798

Ion	Ratio	Lower	Upper
202	100		
101	19.7	0.0	58.3

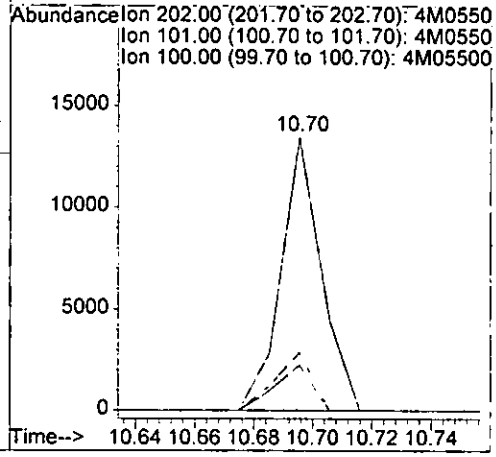


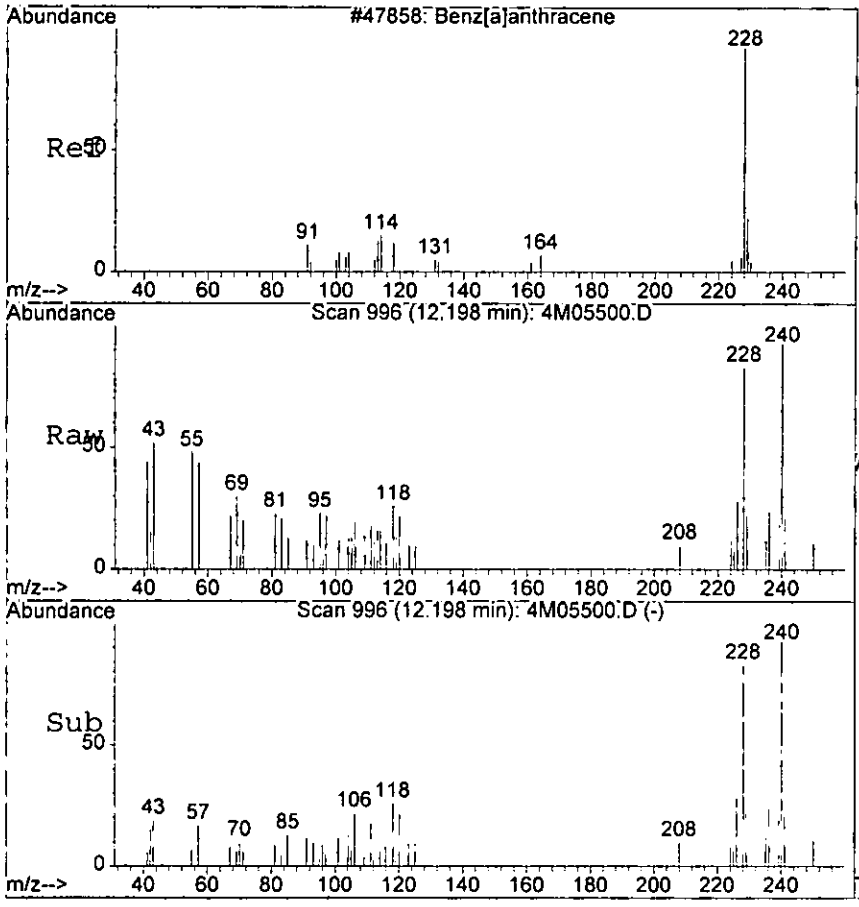


#73
Pyrene
Concen: 7.26 ng
RT: 10.70 min Scan# 849
Delta R.T. 0.01 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:202 Resp: 12735

Ion	Ratio	Lower	Upper
202	100		
101	21.3	0.0	62.7
100	16.7	0.0	60.5

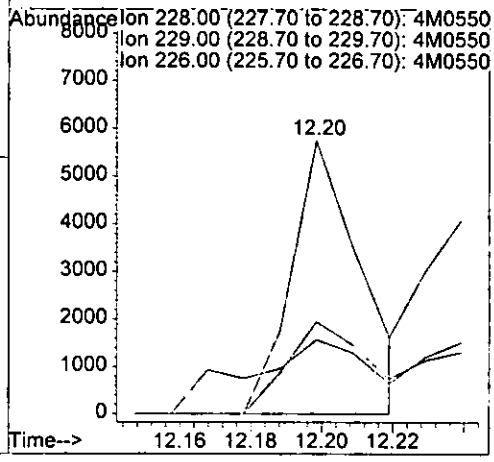


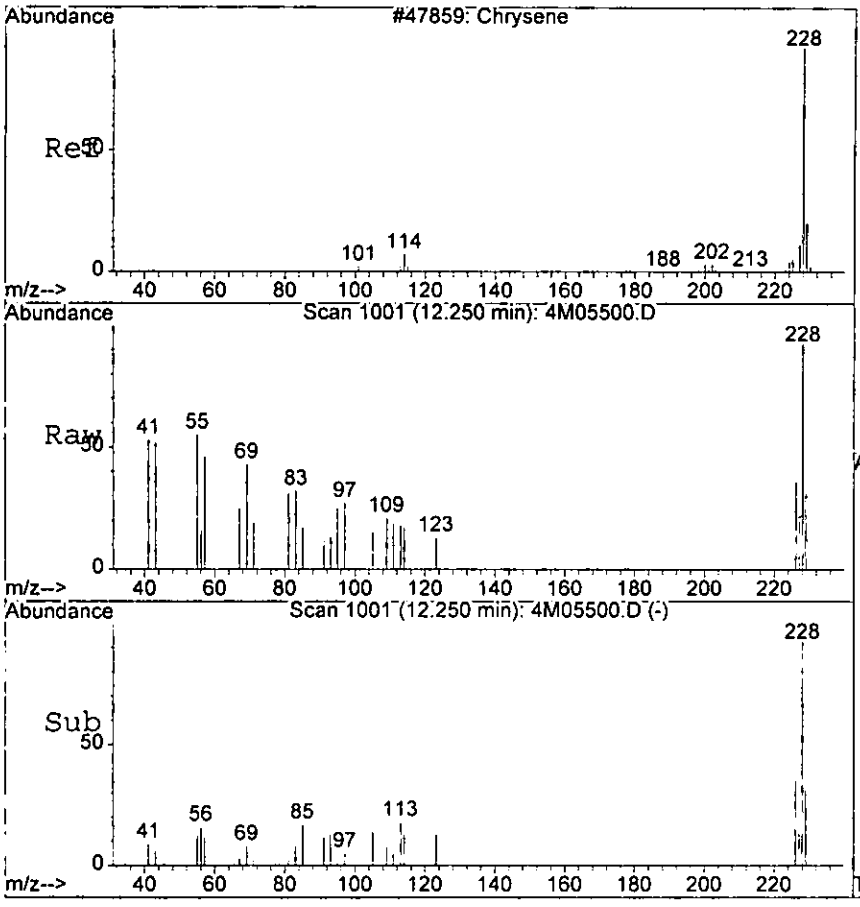


#78
Benzo[a]anthracene
Concen: 5.52 ng
RT: 12.20 min Scan# 996
Delta R.T. 0.01 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:228 Resp: 7767

Ion	Ratio	Lower	Upper
228	100		
229	15.8	0.0	60.5
226	33.9	0.0	69.0

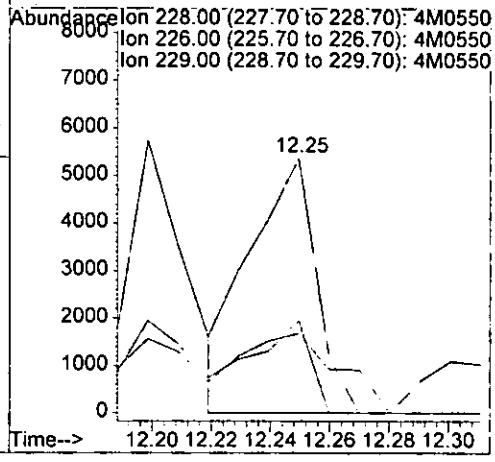


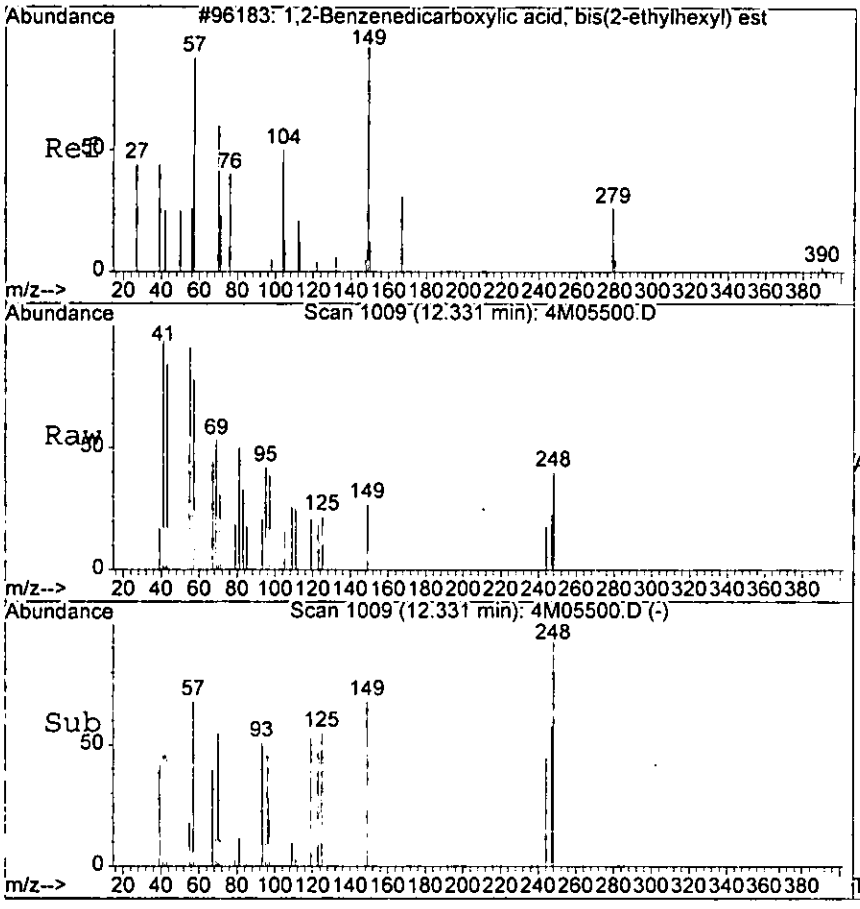


#79
Chrysene
Concen: 6.71 ng
RT: 12.25 min Scan# 1001
Delta R.T. 0.02 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:228 Resp: 8377

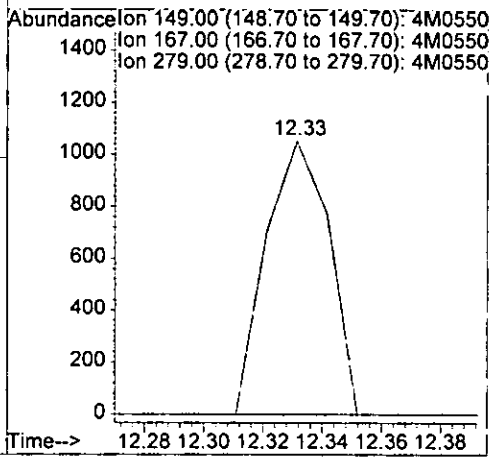
Ion	Ratio	Lower	Upper
228	100		
226	36.3	12.0	52.0
229	31.4	0.0	61.1





#80
bis(2-Ethylhexyl)phthalate
Concen: 1.12 ng
RT: 12.33 min Scan# 1009
Delta R.T. 0.01 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

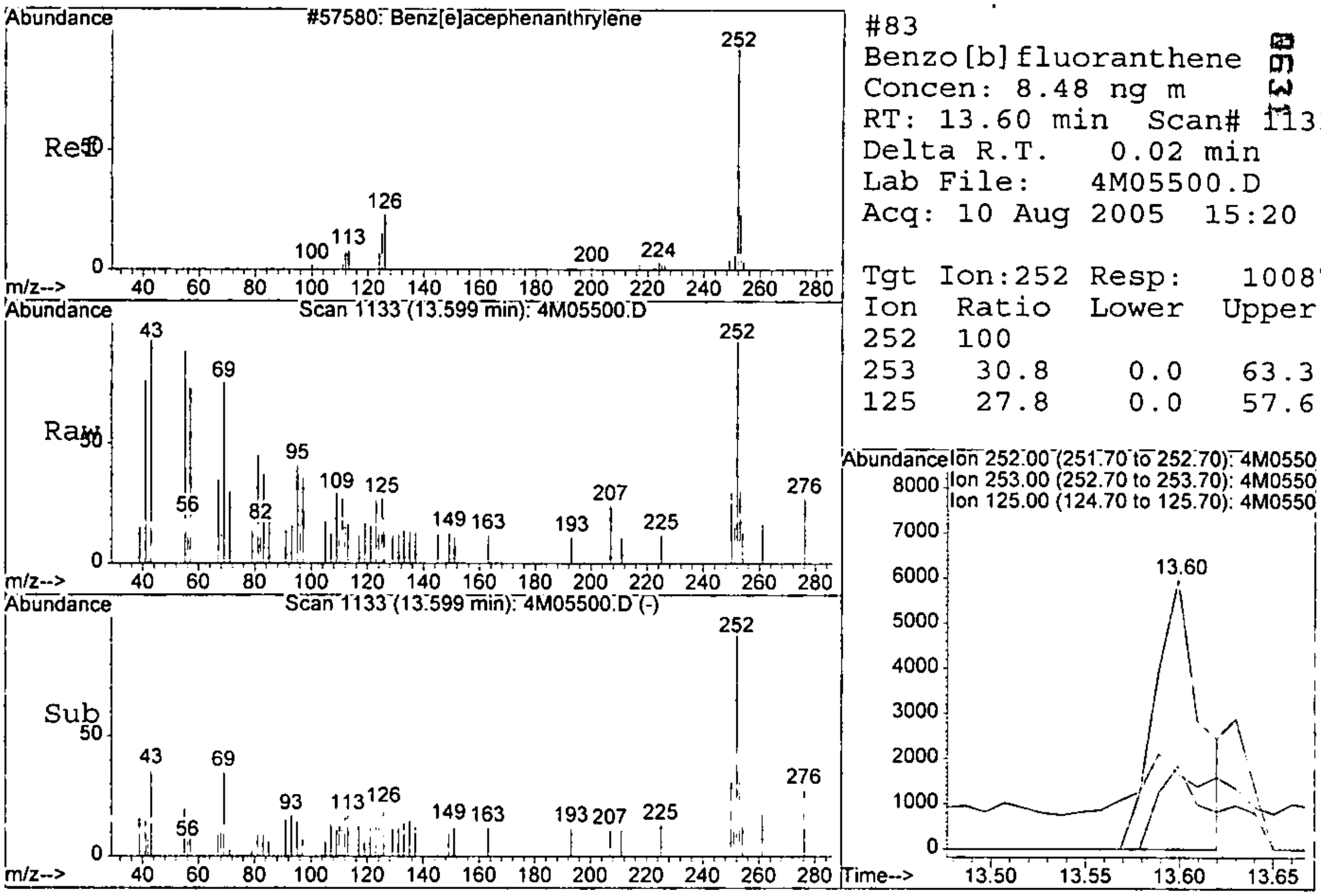
Tgt Ion:149	Resp:	1551	
Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	53.9
279	0.0	0.0	43.5



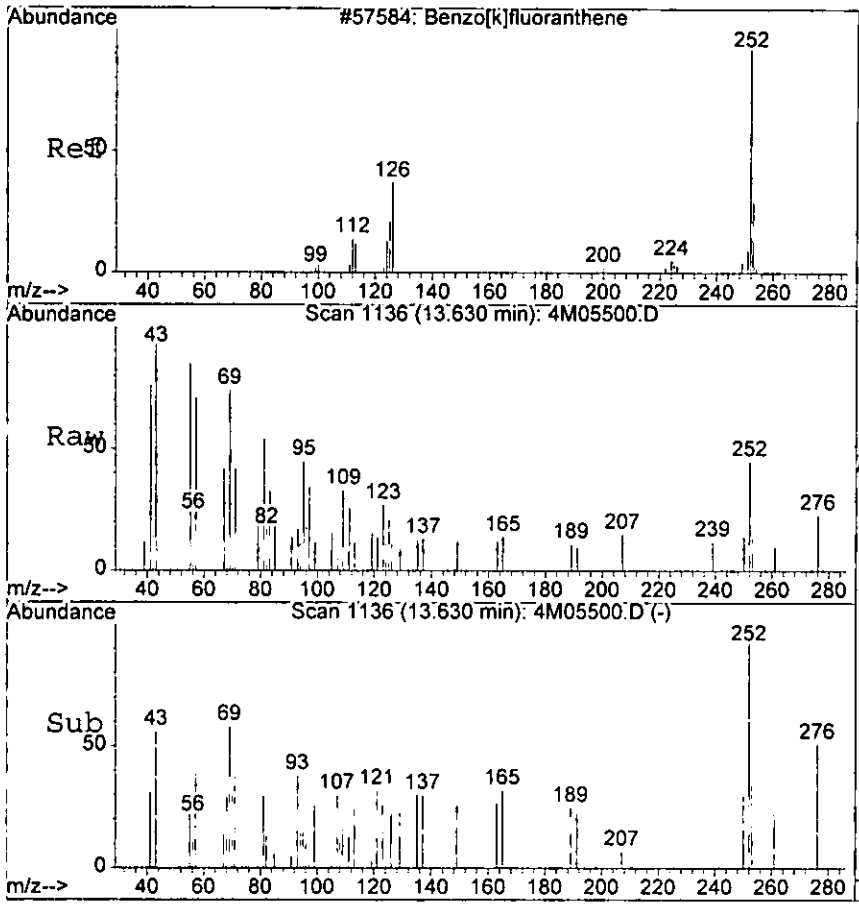
#83
Benzo[b]fluoranthene
Concen: 8.48 ng m
RT: 13.60 min Scan# 1133
Delta R.T. 0.02 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:252 Resp: 10087

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	63.3
125	27.8	0.0	57.6



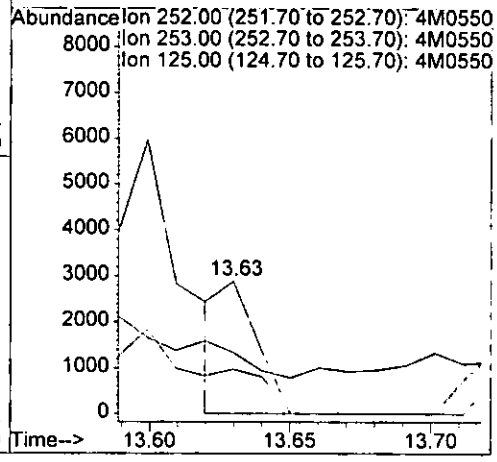
0631

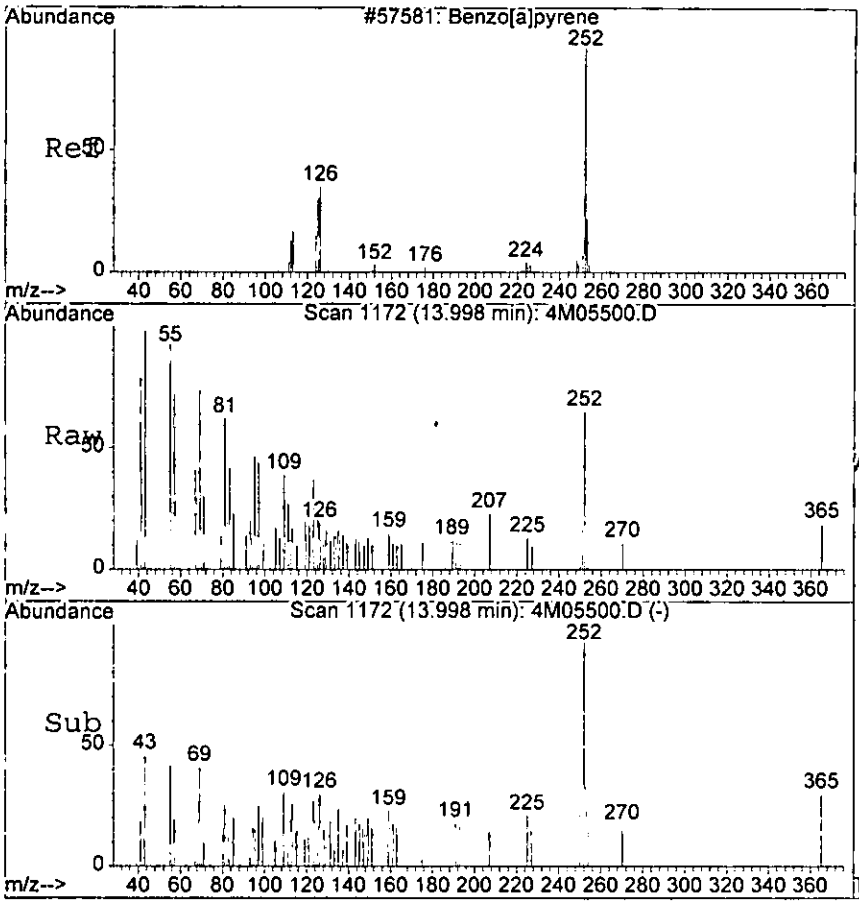


#84
Benzo[k]fluoranthene
Concen: 2.40 ng m
RT: 13.63 min Scan# 1136
Delta R.T. 0.02 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:252 Resp: 2610

Ion	Ratio	Lower	Upper
252	100		
253	33.9	0.0	63.5
125	46.5	0.0	53.8

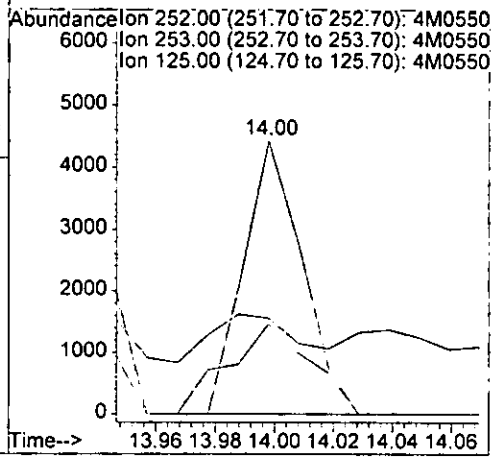


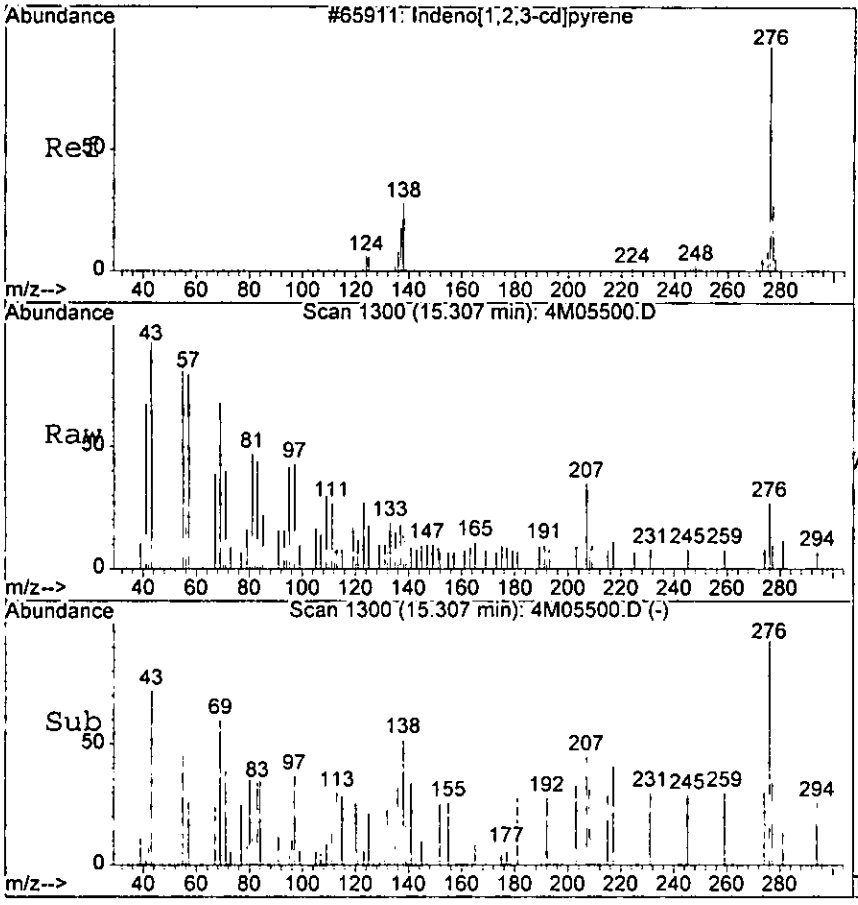


#85
Benzo[a]pyrene
Concen: 5.85 ng
RT: 14.00 min Scan# 1172
Delta R.T. 0.02 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:252 Resp: 6125

Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	62.9
125	5.9	0.0	57.6

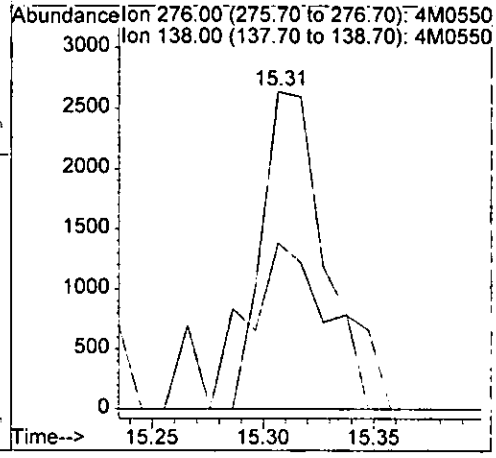


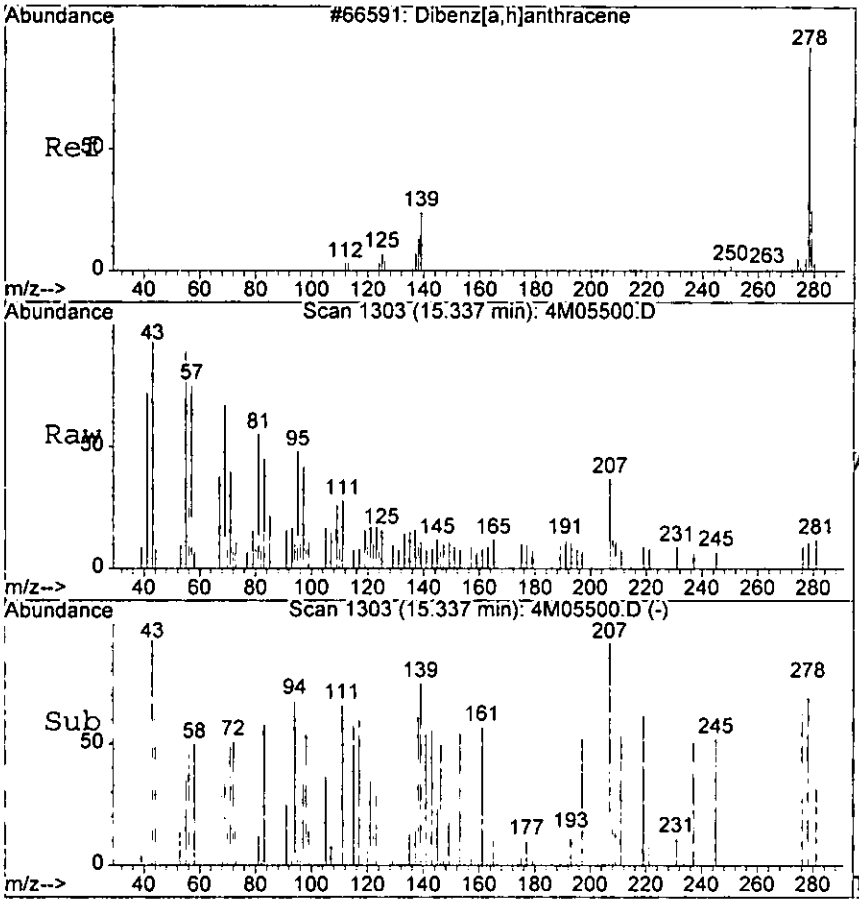


#86
Indeno[1,2,3-cd]pyrene
Concen: 4.29 ng
RT: 15.31 min Scan# 1300
Delta R.T. 0.02 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:276 Resp: 5064

Ion	Ratio	Lower	Upper
276	100		
138	52.4	0.0	73.4

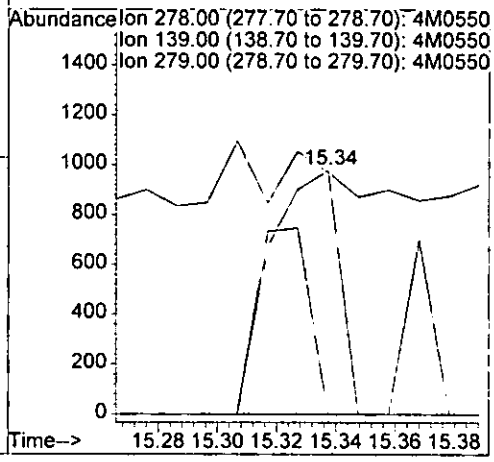


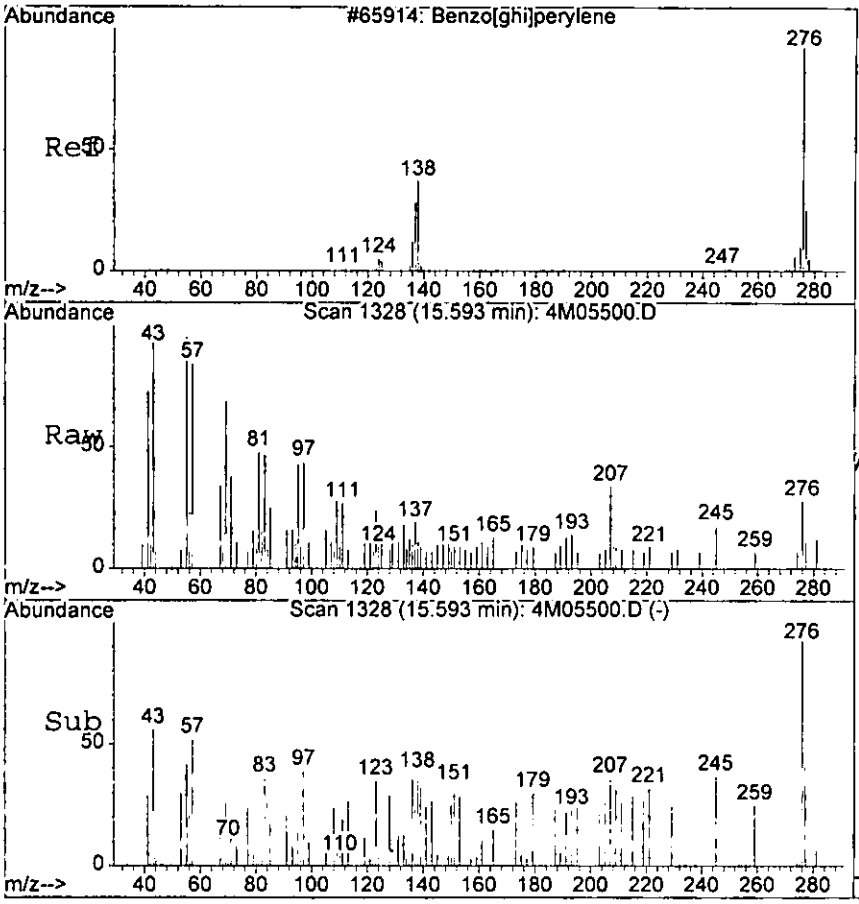


#87
Dibenzo[a,h]anthracene
Concen: 1.66 ng
RT: 15.34 min Scan# 1303
Delta R.T. 0.03 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:278 Resp: 1563

Ion	Ratio	Lower	Upper
278	100		
139	12.5	0.0	63.8
279	0.0	0.0	64.0

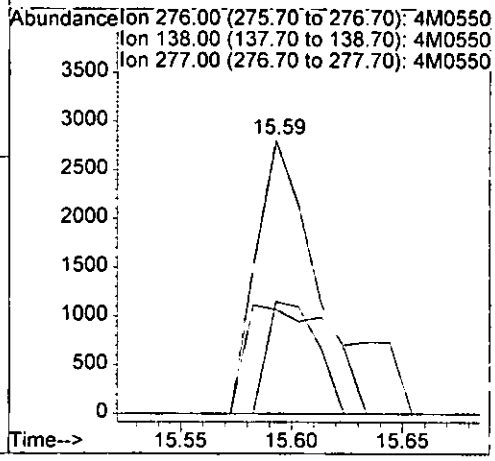




#88
Benzo[g,h,i]perylene
Concen: 5.11 ng
RT: 15.59 min Scan# 1328
Delta R.T. 0.03 min
Lab File: 4M05500.D
Acq: 10 Aug 2005 15:20

Tgt Ion:276 Resp: 5047

Ion	Ratio	Lower	Upper
276	100		
138	38.1	0.0	74.1
277	40.8	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-016
Client Id: PCSB-35(2.5')
Data File: 4M05454.D
Analysis Date: 08/08/05 18:10
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.013**	**0.24**
95-50-1	1,2-Dichlorobenzene	0.020	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0082**	**0.11**
122-66-7	1,2-Diphenylhydrazine	0.013	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.014**	**0.044**
541-73-1	1,3-Dichlorobenzene	0.018	U	111-91-1	bis(2-Chloroethoxy)methan	0.0099	U
106-46-7	1,4-Dichlorobenzene	0.022	U	111-44-4	bis(2-Chloroethyl)ether	0.023	U
95-95-4	2,4,5-Trichlorophenol	0.58	U	108-60-1	bis(2-chloroisopropyl)ether	0.014	U
88-06-2	2,4,6-Trichlorophenol	1.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.039	U
120-83-2	2,4-Dichlorophenol	0.070	U	85-68-7	Butylbenzylphthalate	0.017	U
105-67-9	2,4-Dimethylphenol	0.060	U	86-74-8	Carbazole	0.013	U
51-28-5	2,4-Dinitrophenol	0.29	U	**218-01-9**	**Chrysene**	**0.0090**	**0.30**
121-14-2	2,4-Dinitrotoluene	0.016	U	**84-74-2**	**Di-n-butylphthalate**	**0.0097**	**0.18**
606-20-2	2,6-Dinitrotoluene	0.018	U	117-84-0	Di-n-octylphthalate	0.010	U
91-58-7	2-Chloronaphthalene	0.012	U	53-70-3	Dibenzo[a,h]anthracene	0.015	U
95-57-8	2-Chlorophenol	0.088	U	**132-64-9**	**Dibenzofuran**	**0.055**	**0.16**
91-57-6	**2-Methylnaphthalene**	**0.056**	**1.1**	84-66-2	Diethylphthalate	0.012	U
95-48-7	2-Methylphenol	0.21	U	131-11-3	Dimethylphthalate	0.0098	U
88-74-4	2-Nitroaniline	0.030	U	**206-44-0**	**Fluoranthene**	**0.012**	**0.25**
88-75-5	2-Nitrophenol	0.050	U	86-73-7	Fluorene	0.011	U
106-44-5	3&4-Methylphenol	0.23	U	118-74-1	Hexachlorobenzene	0.020	U
91-94-1	3,3'-Dichlorobenzidine	0.095	U	87-68-3	Hexachlorobutadiene	0.018	U
99-09-2	3-Nitroaniline	0.18	U	77-47-4	Hexachlorocyclopentadiene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.082	U	67-72-1	Hexachloroethane	0.032	U
101-55-3	4-Bromophenyl-phenylether	0.017	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0060**	**0.12**
59-50-7	4-Chloro-3-methylphenol	0.11	U	78-59-1	Isophorone	0.013	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.021	U
7005-72-3	4-Chlorophenyl-phenylether	0.020	U	62-75-9	N-Nitrosodimethylamine	0.51	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.021	U
100-02-7	4-Nitrophenol	0.077	U	**91-20-3**	**Naphthalene**	**0.010**	**1.1**
83-32-9	Acenaphthene	0.018	U	98-95-3	Nitrobenzene	0.017	U
208-96-8	Acenaphthylene	0.010	U	87-86-5	Pentachlorophenol	0.053	U
120-12-7	**Anthracene**	**0.011**	**0.35**	**85-01-8**	**Phenanthrene**	**0.010**	**0.53**
92-87-5	Benzidine	0.098	U	108-95-2	Phenol	0.066	U
56-55-3	**Benzo[a]anthracene**	**0.0076**	**0.21**	**129-00-0**	**Pyrene**	**0.010**	**0.38**
50-32-8	**Benzo[a]pyrene**	**0.010**	**0.081**				

Worksheet #: 18319

Total Target Concentration 5.155

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05454.D Vial: 30
Acq On : 8 Aug 2005 18:10 Operator: AHD
Sample : AC18873-016 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:44 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.90	152	24080	40.00	ng	-0.04
19) Naphthalene-d8	5.90	136	73834	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	34651	40.00	ng	-0.05
59) Phenanthrene-d10	9.08	188	47340	40.00	ng	-0.05
72) Chrysene-d12	12.28	240	35163	40.00	ng	-0.05
81) Perylene-d12	14.14	264	27311	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.76	112	118078	173.84	ng	-0.04
Spiked Amount 200.000			Recovery = 86.92%			
7) Phenol-d5	4.61	99	147995	163.68	ng	-0.04
Spiked Amount 200.000			Recovery = 81.84%			
20) Nitrobenzene-d5	5.34	128	31932	86.39	ng	-0.04
Spiked Amount 100.000			Recovery = 86.39%			
40) 2-Fluorobiphenyl	6.83	172	102462	92.28	ng	-0.04
Spiked Amount 100.000			Recovery = 92.28%			
62) 2,4,6-Tribromophenol	8.32	332	46224	218.15	ng	-0.04
Spiked Amount 200.000			Recovery = 109.08%			
75) Terphenyl-d14	10.98	244	85943	86.75	ng	-0.04
Spiked Amount 100.000			Recovery = 86.75%			
Target Compounds						Qvalue
29) Naphthalene	5.92	128	42093	25.95	ng	96
33) 2-Methylnaphthalene	6.51	142	29873	26.32	ng	89
52) Dibenzofuran	7.69	168	4737	3.68	ng	65
67) Phenanthrene	9.10	178	14564	12.32	ng	86
68) Anthracene	9.16	178	9840m	8.20	ng	
70) Di-n-butylphthalate	9.81	149	6726	4.17	ng	42
71) Fluoranthene	10.49	202	7081	5.76	ng	100
73) Pyrene	10.76	202	11927	8.82	ng	87
78) Benzo[a]anthracene	12.27	228	5378	4.87	ng	86
79) Chrysene	12.31	228	6731	6.83	ng	97
83) Benzo[b]fluoranthene	13.67	252	6334m	5.58	ng	
84) Benzo[k]fluoranthene	13.70	252	999m	1.02	ng	
85) Benzo[a]pyrene	14.07	252	1752	1.88	ng	70
86) Indeno[1,2,3-cd]pyrene	15.39	276	2302	2.72	ng	49
88) Benzo[g,h,i]perylene	15.68	276	1770	2.62	ng	45

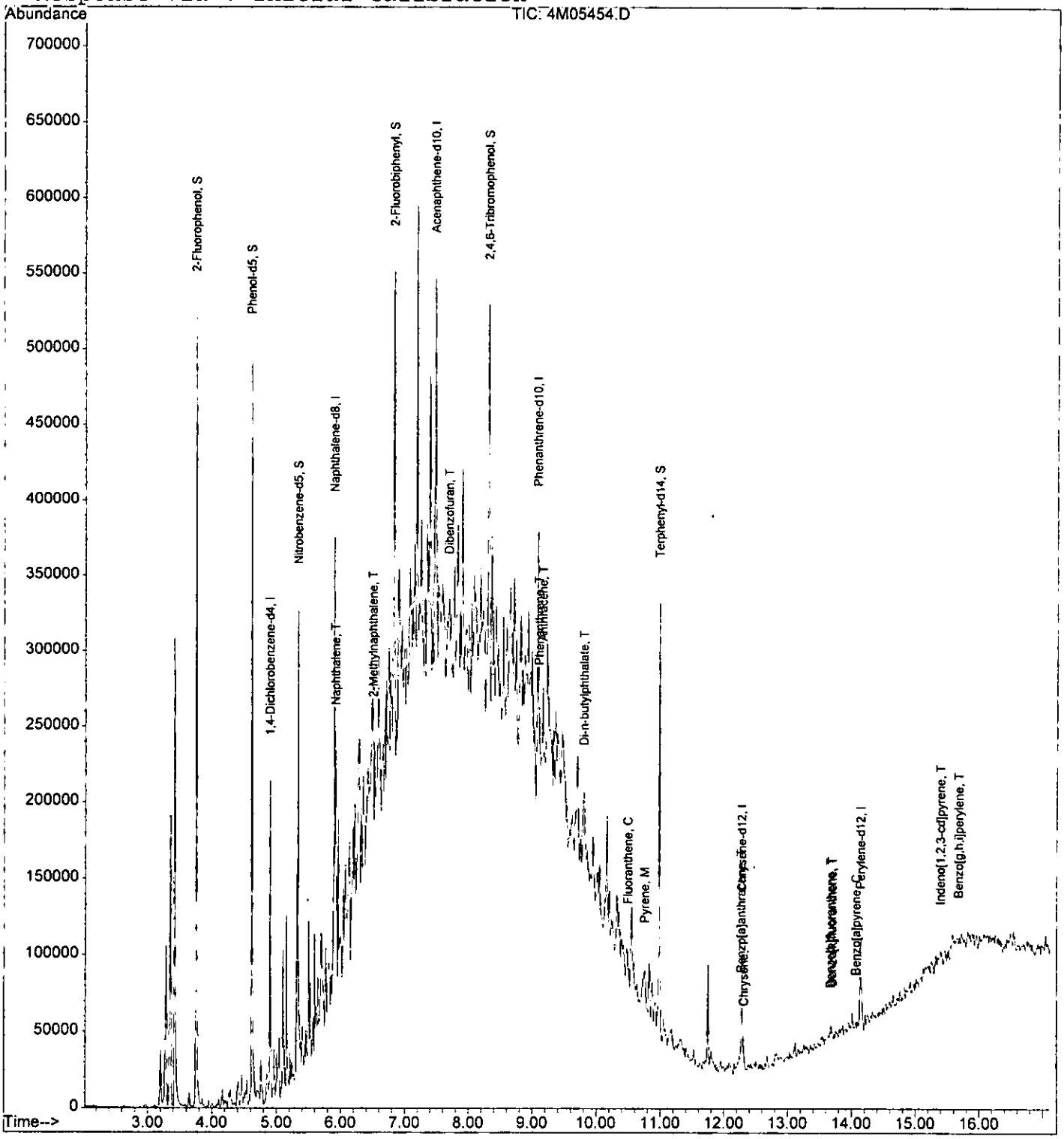
8/16/05

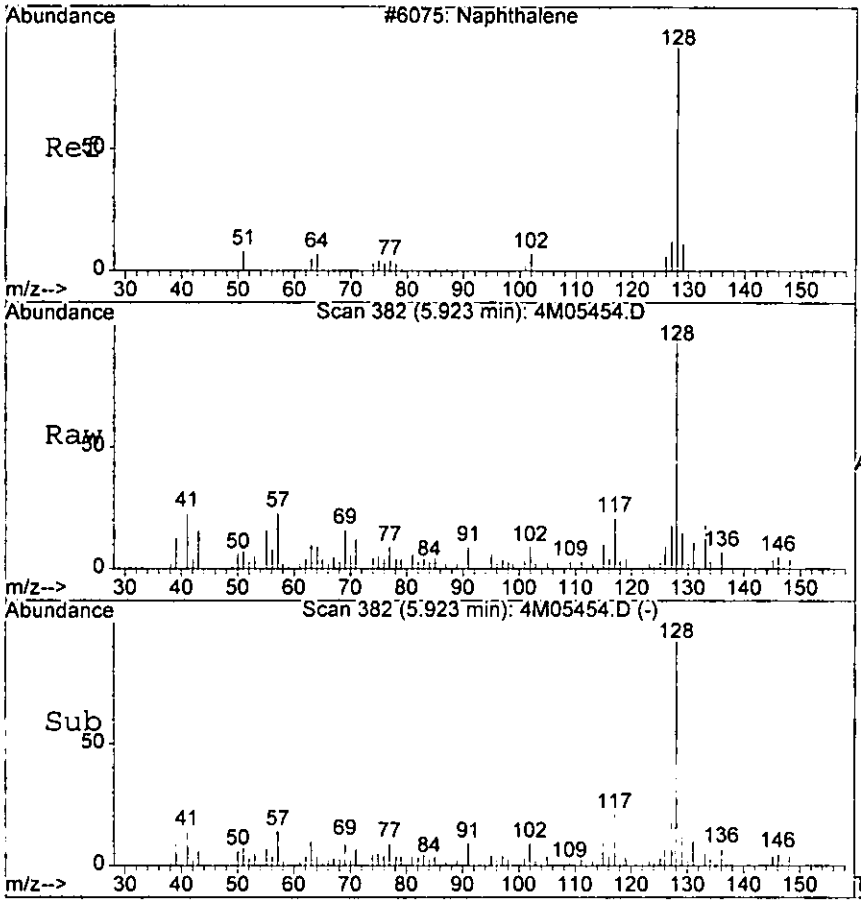
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05454.D Vial: 35
Acq On : 8 Aug 2005 18:10 Operator: AHD
Sample : AC18873-016 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:44 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration

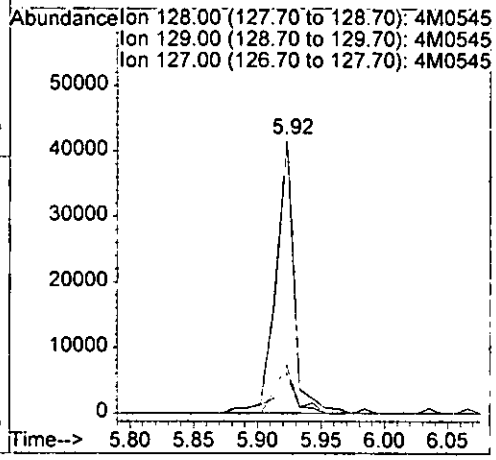


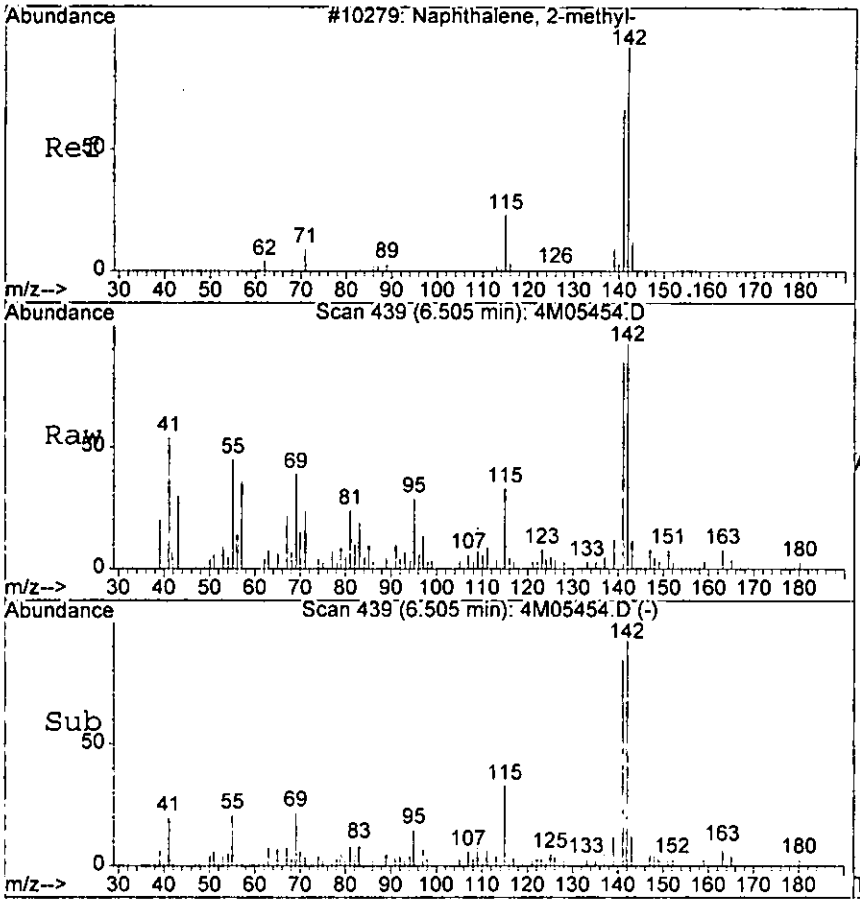


#29
Naphthalene
Concen: 25.95 ng
RT: 5.92 min Scan# 382
Delta R.T. -0.04 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:128 Resp: 42093

Ion	Ratio	Lower	Upper
128	100		
129	14.6	0.0	51.8
127	17.5	0.0	57.0

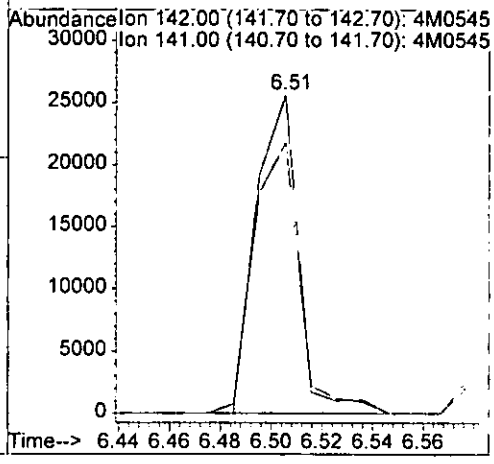


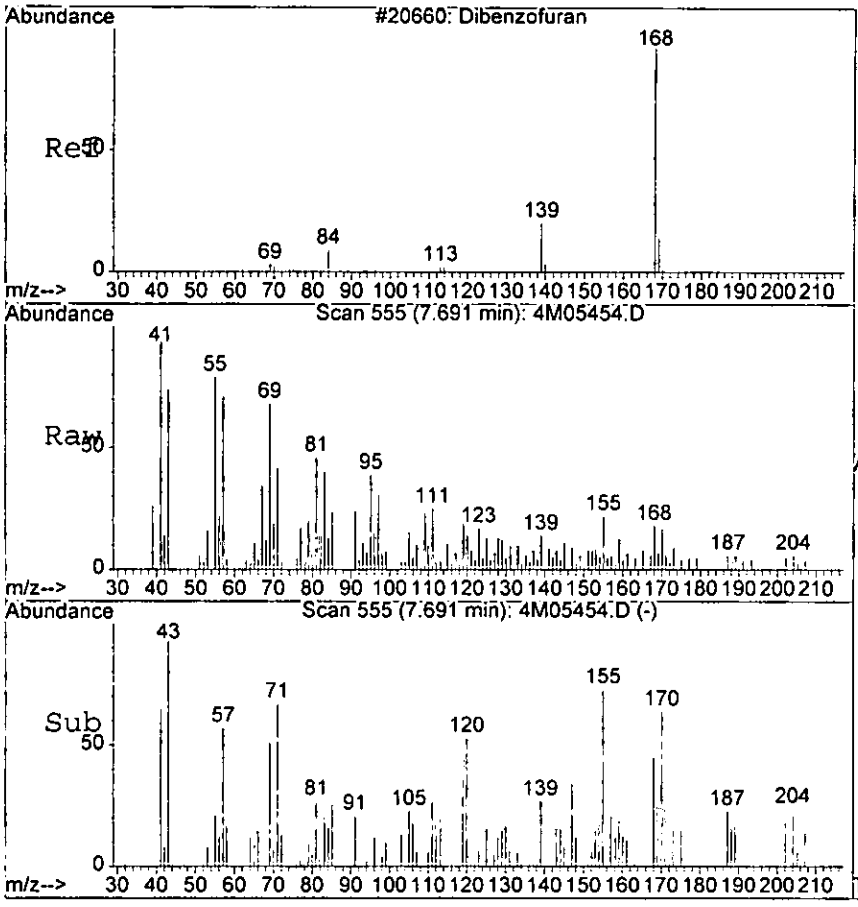


#33
2-Methylnaphthalene
Concen: 26.32 ng
RT: 6.51 min Scan# 439
Delta R.T. -0.04 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:142 Resp: 29873

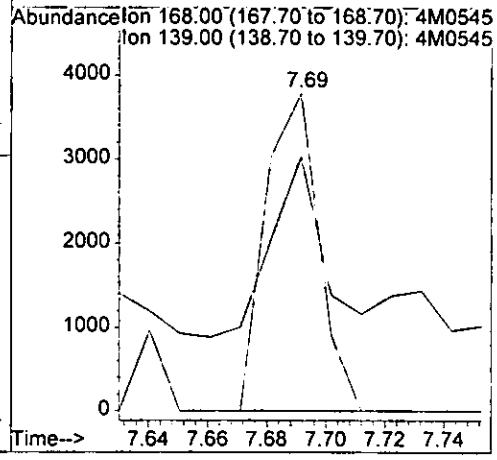
Ion	Ratio	Lower	Upper
142	100		
141	85.0	55.7	135.7



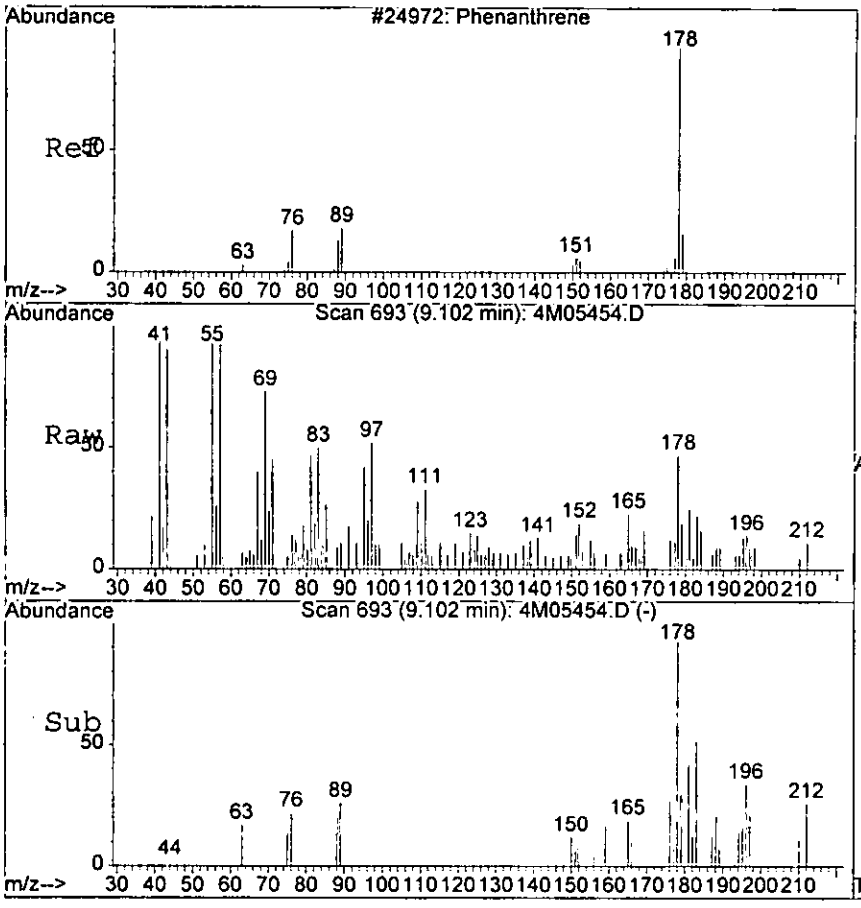


#52
Dibenzofuran
Concen: 3.68 ng
RT: 7.69 min Scan# 555
Delta R.T. -0.04 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:168	Resp:	4737	
Ion	Ratio	Lower	Upper
168	100		
139	56.8	6.0	66.0



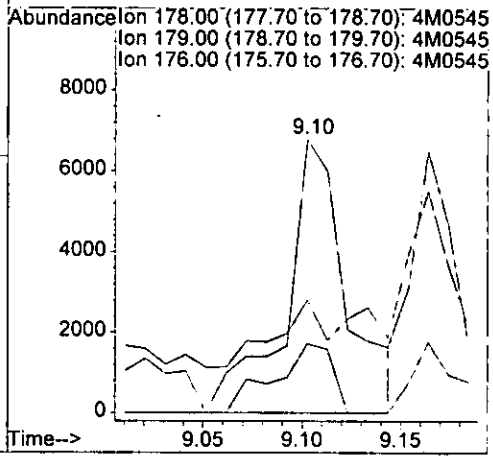
8/10/05



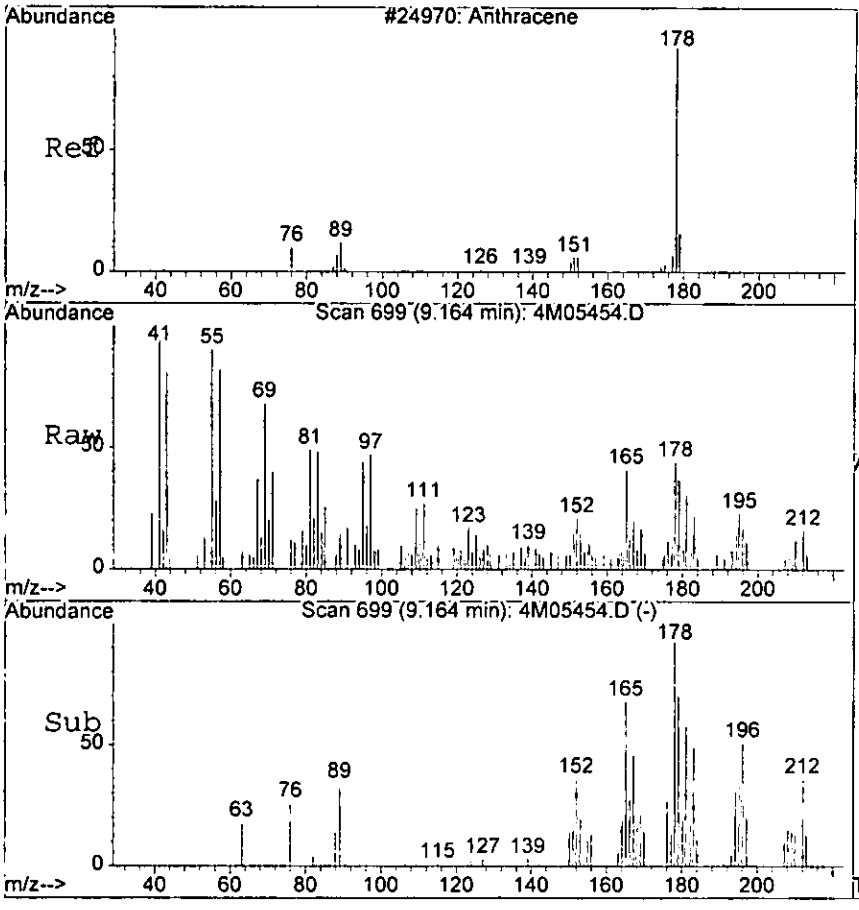
#67
Phenanthrene
Concen: 12.32 ng
RT: 9.10 min Scan# 693
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:178 Resp: 14564

Ion	Ratio	Lower	Upper
178	100		
179	24.8	0.0	56.6
176	25.3	0.0	60.5



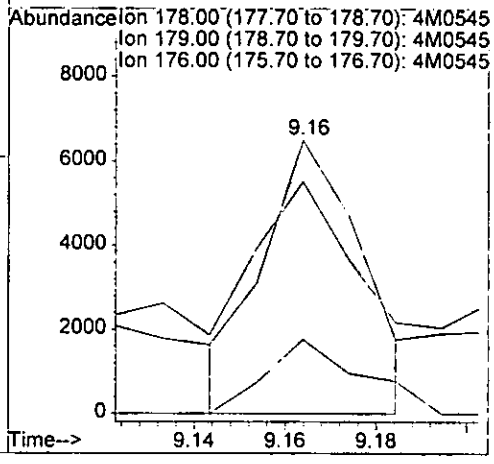
8/18/05

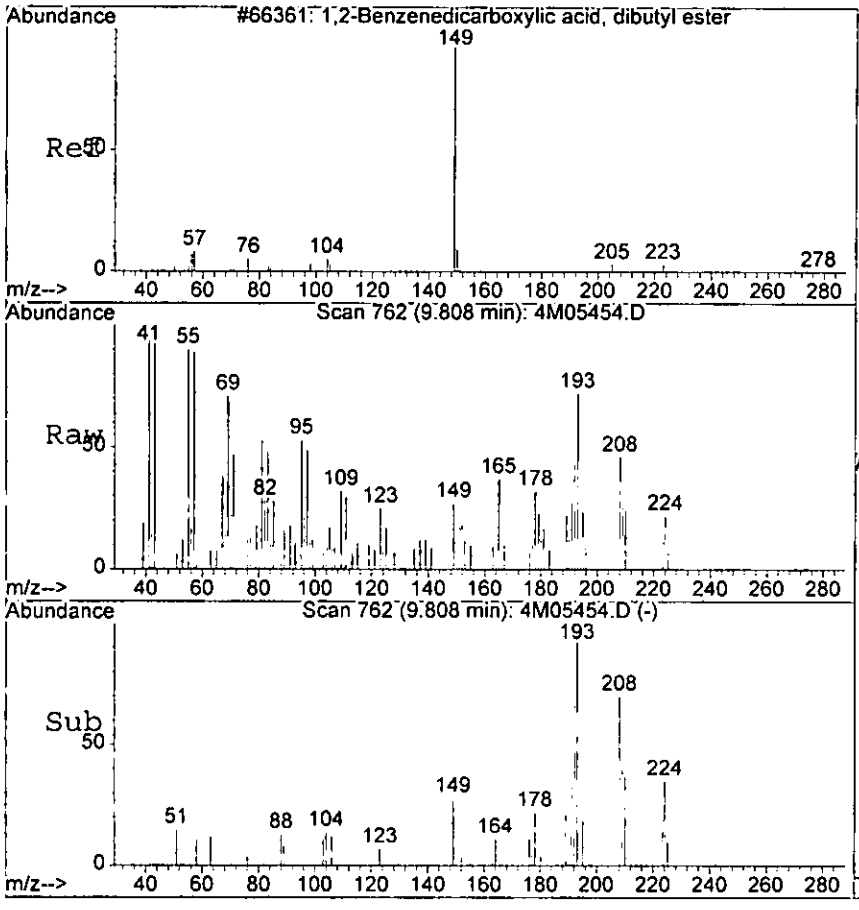


#68
Anthracene
Concen: 8.20 ng m
RT: 9.16 min Scan# 699
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:178 Resp: 9840

Ion	Ratio	Lower	Upper
178	100		
179	85.0	0.0	56.6#
176	27.2	0.0	60.2

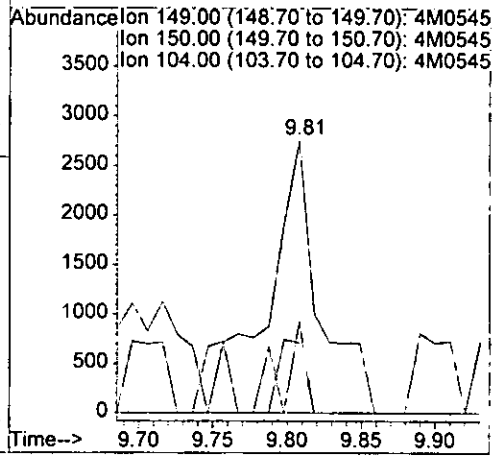


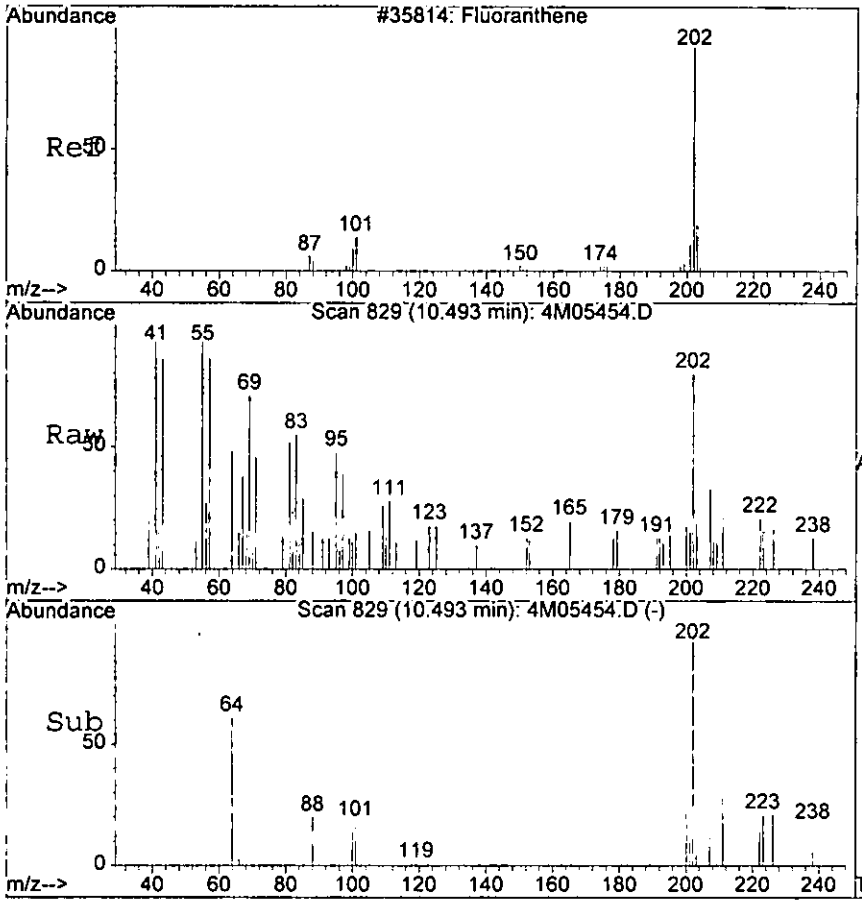


#70
Di-n-butylphthalate
Concen: 4.17 ng
RT: 9.81 min Scan# 762
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:149 Resp: 6726

Ion	Ratio	Lower	Upper
149	100		
150	25.8	0.0	49.8
104	33.6	0.0	44.6

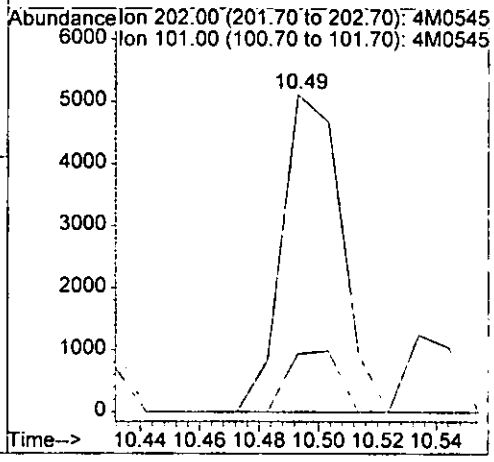




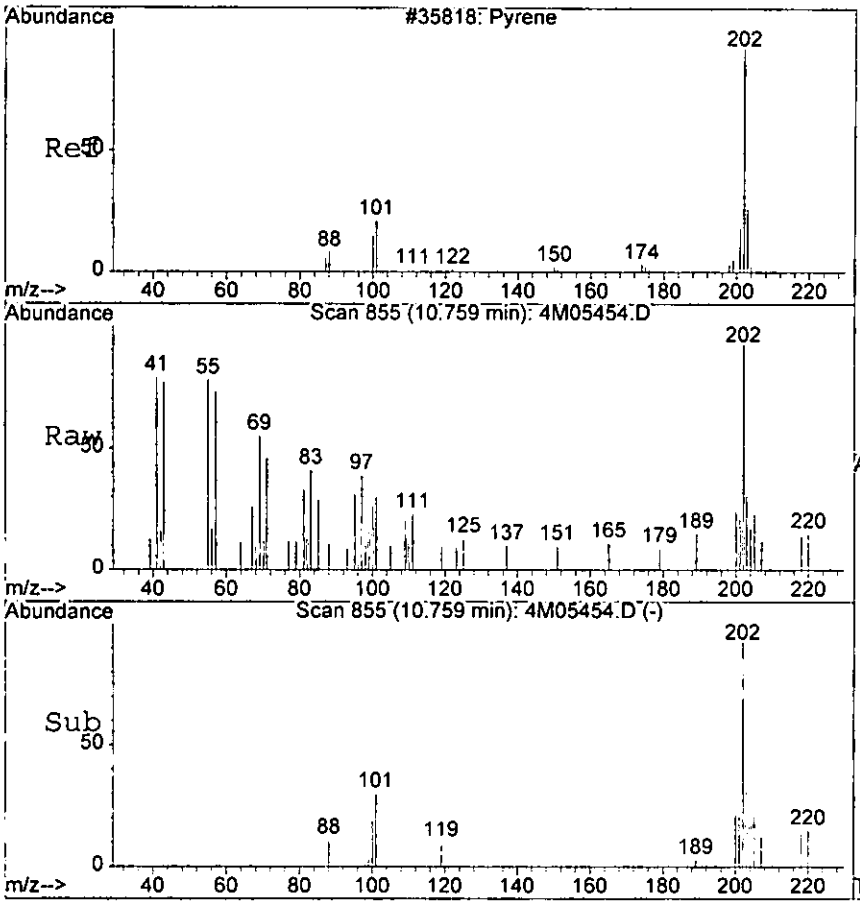
#71
Fluoranthene
Concen: 5.76 ng
RT: 10.49 min Scan# 829
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:202 Resp: 7081

Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	58.3



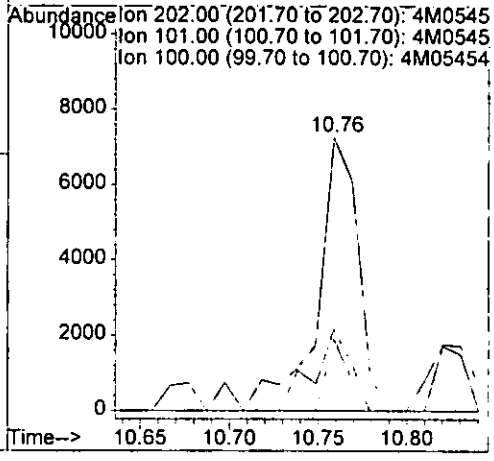
B5454

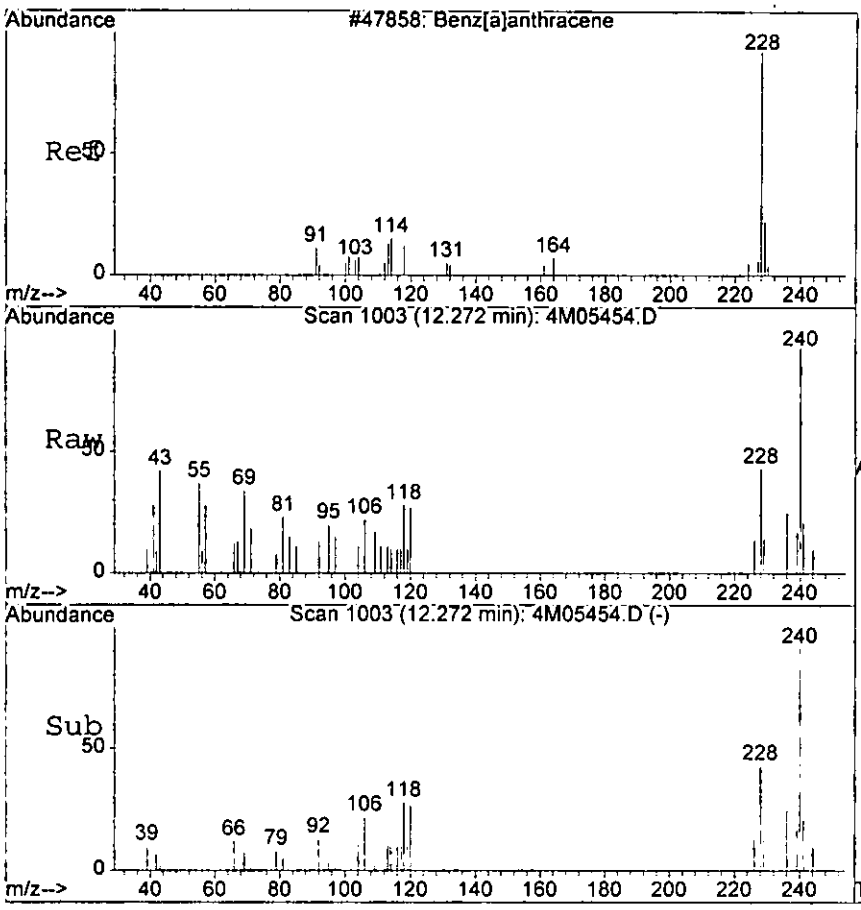


#73
Pyrene
Concen: 8.82 ng
RT: 10.76 min Scan# 855
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:202 Resp: 11927

Ion	Ratio	Lower	Upper
202	100		
101	29.7	0.0	62.7
100	26.0	0.0	60.5

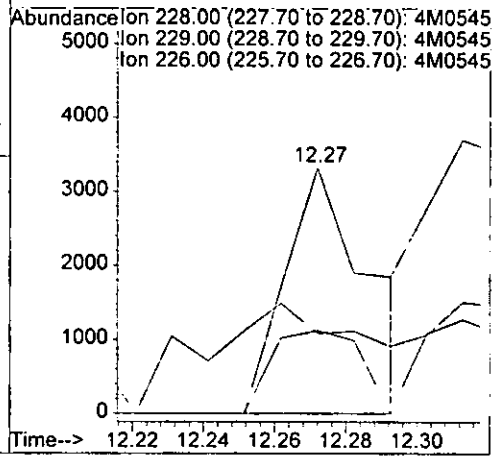


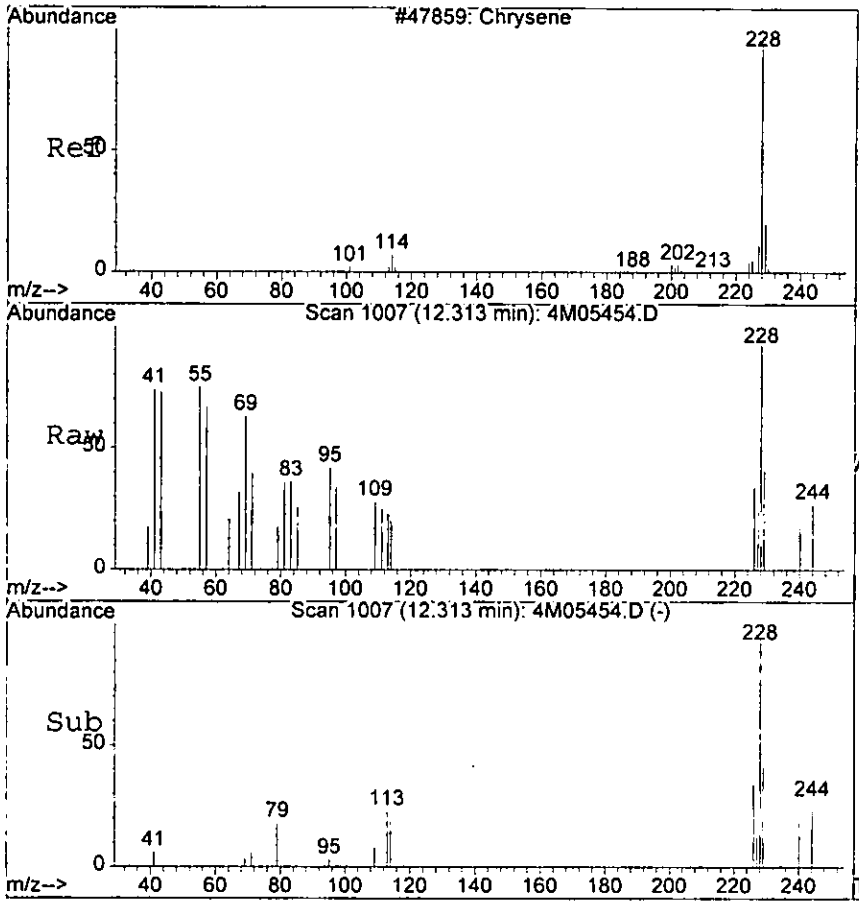


#78
Benzo[a]anthracene
Concen: 4.87 ng
RT: 12.27 min Scan# 1003
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

B5493

Tgt Ion:228	Resp:	5378	
Ion	Ratio	Lower	Upper
228	100		
229	11.2	0.0	60.5
226	33.8	0.0	69.0

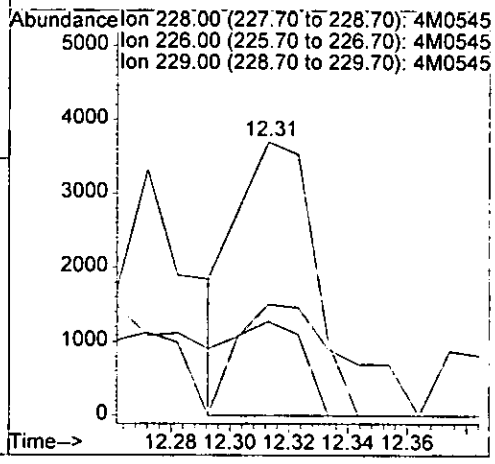




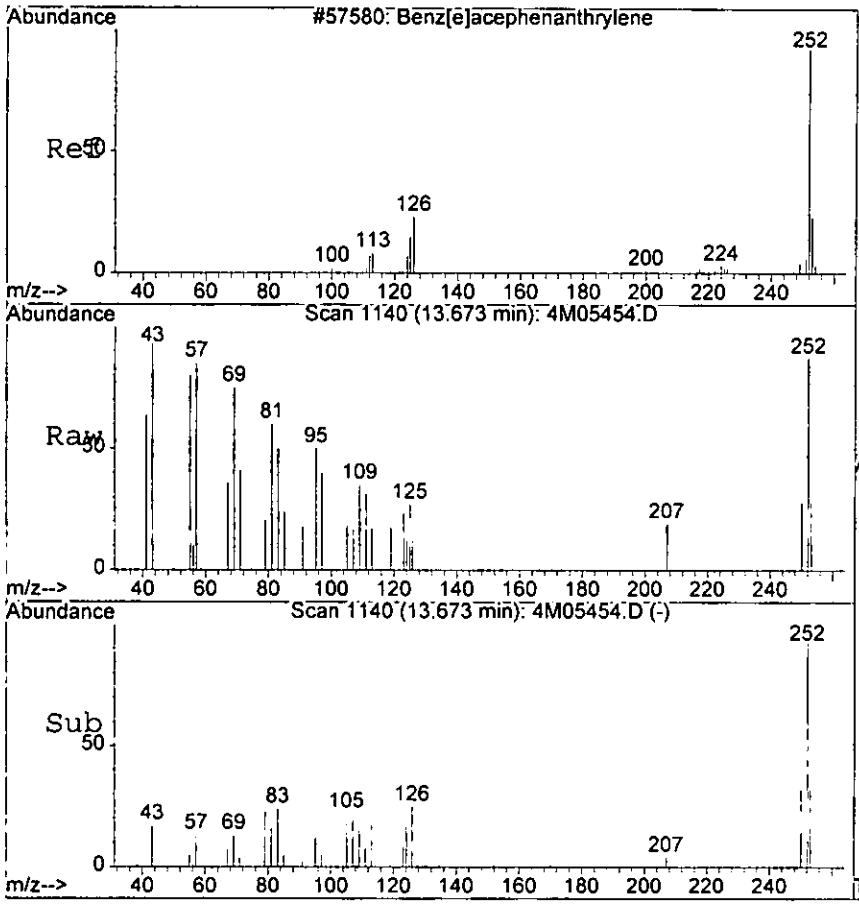
#79
Chrysene
Concen: 6.83 ng
RT: 12.31 min Scan# 1007
Delta R.T. -0.05 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:228 Resp: 6731

Ion	Ratio	Lower	Upper
228	100		
226	34.5	12.0	52.0
229	22.1	0.0	61.1



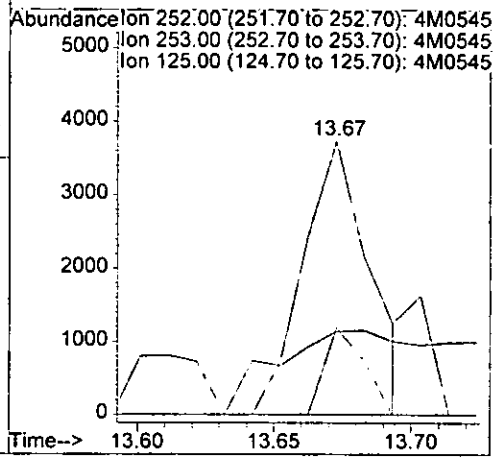
Jab



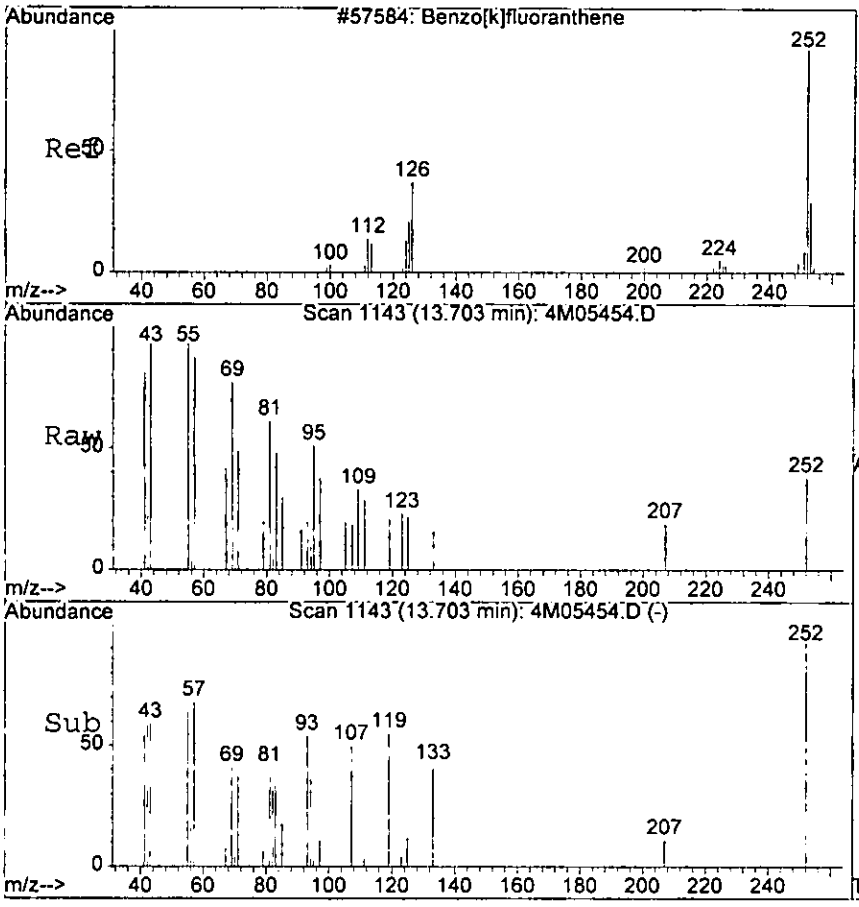
#83
Benzo[b]fluoranthene
Concen: 5.58 ng m
RT: 13.67 min Scan# 1140
Delta R.T. -0.04 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:252 Resp: 6334

Ion	Ratio	Lower	Upper
252	100		
253	31.8	0.0	63.3
125	30.6	0.0	57.6

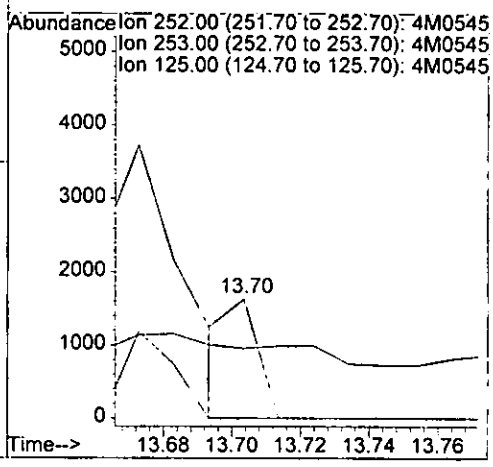


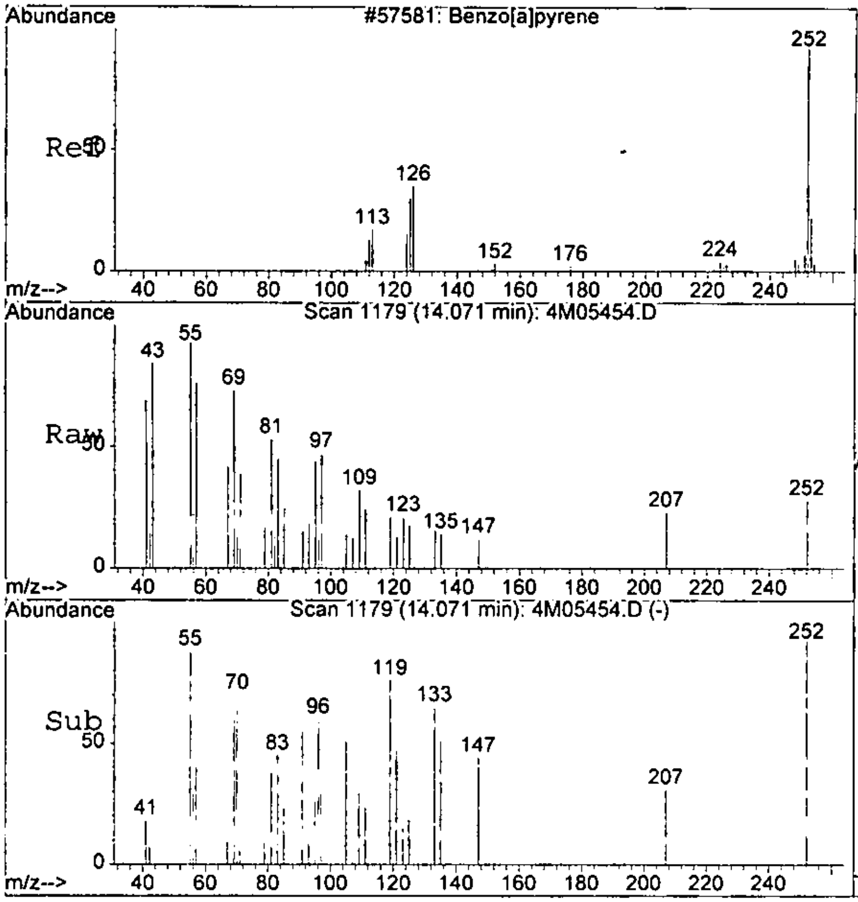
L80



#84
Benzo[k]fluoranthene
Concen: 1.02 ng m
RT: 13.70 min Scan# 1143
Delta R.T. -0.04 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:252	Resp:	999	
Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	63.5
125	58.8	0.0	53.8#



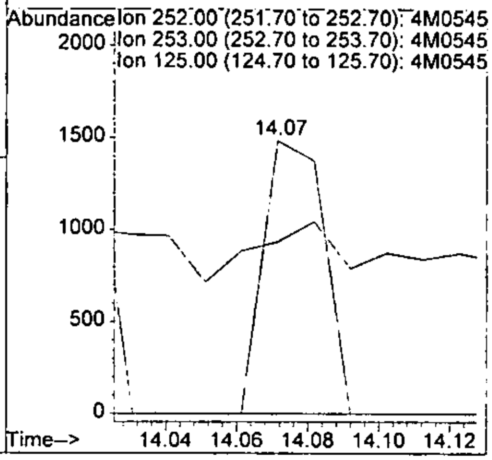


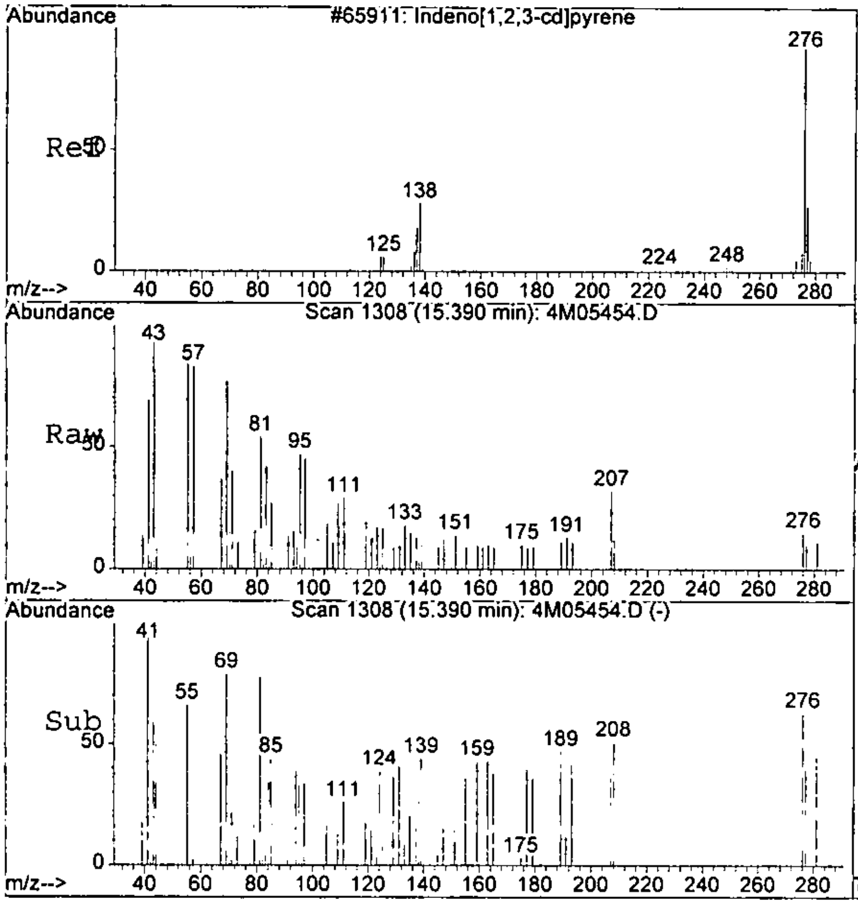
#85
Benzo[a]pyrene
Concen: 1.88 ng
RT: 14.07 min Scan# 1179
Delta R.T. -0.04 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

0652

Tgt Ion:252 Resp: 1752

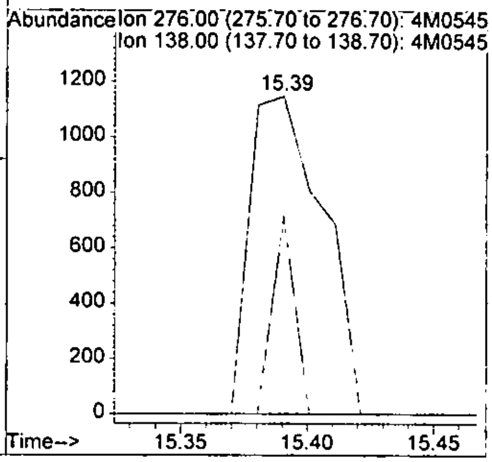
Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	62.9
125	14.8	0.0	57.6

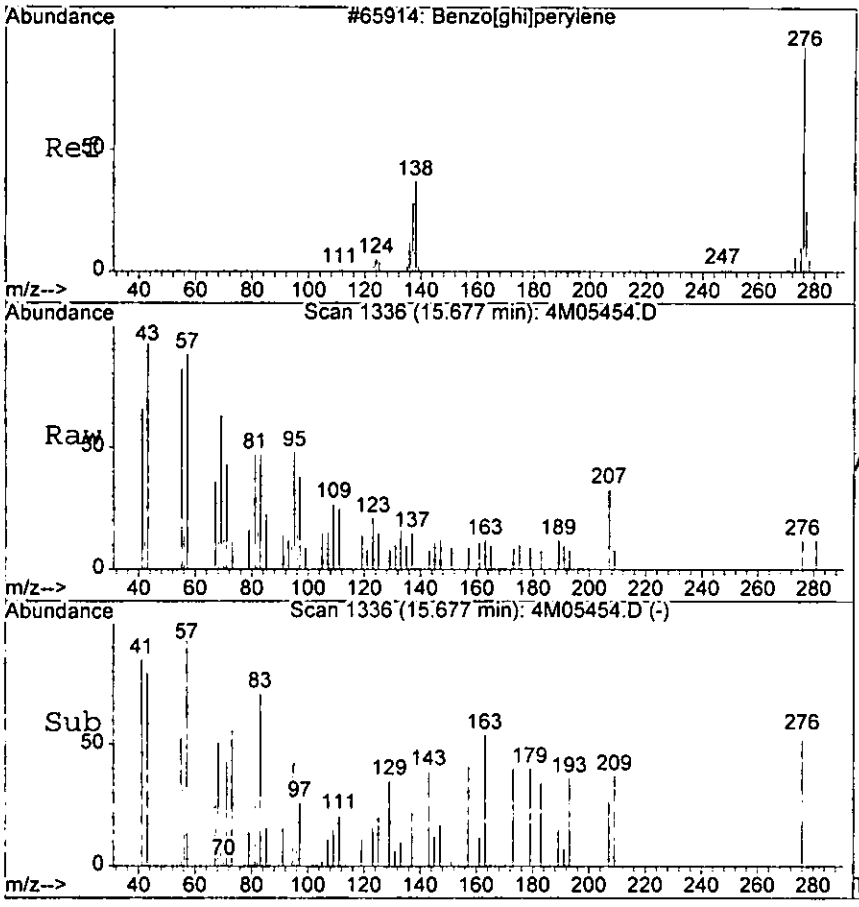




#86
Indeno[1,2,3-cd]pyrene
Concen: 2.72 ng
RT: 15.39 min Scan# 1308
Delta R.T. -0.03 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt	Ion:276	Resp:	2302
Ion	Ratio	Lower	Upper
276	100		
138	62.5	0.0	73.4

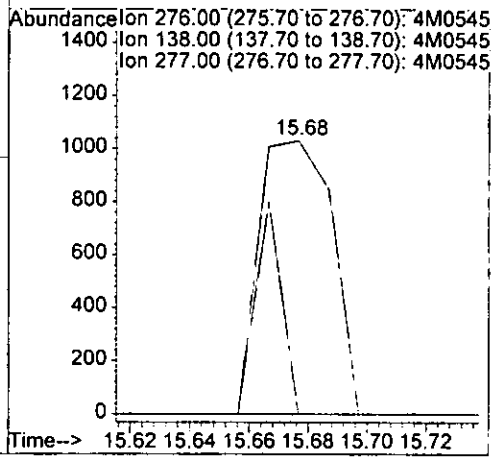




#88
Benzo[g,h,i]perylene
Concen: 2.62 ng
RT: 15.68 min Scan# 1336
Delta R.T. -0.03 min
Lab File: 4M05454.D
Acq: 8 Aug 2005 18:10

Tgt Ion:276 Resp: 1770

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	74.1
277	0.0	0.0	65.0



1805

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-017
Client Id: PCSB-35(15.5')
Data File: 5M09855.D
Analysis Date: 08/08/05 17:00
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 86

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0068	U	205-99-2	Benzo[b]fluoranthene	0.011	U
95-50-1	1,2-Dichlorobenzene	0.016	U	191-24-2	Benzo[g,h,i]perylene	0.0056	U
122-66-7	1,2-Diphenylhydrazine	0.013	U	207-08-9	Benzo[k]fluoranthene	0.014	U
541-73-1	1,3-Dichlorobenzene	0.011	U	111-91-1	bis(2-Chloroethoxy)methan	0.0090	U
106-46-7	1,4-Dichlorobenzene	0.0068	U	111-44-4	bis(2-Chloroethyl)ether	0.017	U
95-95-4	2,4,5-Trichlorophenol	0.060	U	108-60-1	bis(2-chloroisopropyl)ether	0.0080	U
88-06-2	2,4,6-Trichlorophenol	0.029	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.025	U
120-83-2	2,4-Dichlorophenol	0.052	U	85-68-7	Butylbenzylphthalate	0.010	U
105-67-9	2,4-Dimethylphenol	0.033	U	86-74-8	Carbazole	0.0074	U
51-28-5	2,4-Dinitrophenol	0.071	U	218-01-9	Chrysene	0.011	U
121-14-2	2,4-Dinitrotoluene	0.014	U	84-74-2	Di-n-butylphthalate	0.0078	U
606-20-2	2,6-Dinitrotoluene	0.017	U	117-84-0	Di-n-octylphthalate	0.013	U
91-58-7	2-Chloronaphthalene	0.0044	U	53-70-3	Dibenzo[a,h]anthracene	0.0071	U
95-57-8	2-Chlorophenol	0.071	U	132-64-9	Dibenzofuran	0.050	U
91-57-6	2-Methylnaphthalene	0.066	U	84-66-2	Diethylphthalate	0.0091	U
95-48-7	2-Methylphenol	0.14	U	131-11-3	Dimethylphthalate	0.0067	U
88-74-4	2-Nitroaniline	0.050	U	206-44-0	Fluoranthene	0.0064	U
88-75-5	2-Nitrophenol	0.048	U	86-73-7	Fluorene	0.0093	U
106-44-5	3&4-Methylphenol	0.14	U	118-74-1	Hexachlorobenzene	0.016	U
91-94-1	3,3'-Dichlorobenzidine	0.068	U	87-68-3	Hexachlorobutadiene	0.0095	U
99-09-2	3-Nitroaniline	0.098	U	77-47-4	Hexachlorocyclopentadiene	0.10	U
534-52-1	4,6-Dinitro-2-methylphenol	0.074	U	67-72-1	Hexachloroethane	0.013	U
101-55-3	4-Bromophenyl-phenylether	0.016	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0066	U
59-50-7	4-Chloro-3-methylphenol	0.078	U	78-59-1	Isophorone	0.21	U
106-47-8	4-Chloroaniline	0.26	U	621-64-7	N-Nitroso-di-n-propylamine	0.012	U
7005-72-3	4-Chlorophenyl-phenylether	0.011	U	62-75-9	N-Nitrosodimethylamine	0.43	U
100-01-6	4-Nitroaniline	0.058	U	86-30-6	n-Nitrosodiphenylamine	0.011	U
100-02-7	4-Nitrophenol	0.055	U	91-20-3	Naphthalene	0.0038	U
83-32-9	Acenaphthene	0.0064	U	98-95-3	Nitrobenzene	0.011	U
208-96-8	Acenaphthylene	0.0059	U	87-86-5	Pentachlorophenol	0.037	U
120-12-7	Anthracene	0.0077	U	85-01-8	Phenanthrene	0.0086	U
92-87-5	Benzidine	0.40	U	108-95-2	Phenol	0.064	U
56-55-3	Benzo[a]anthracene	0.0054	U	129-00-0	Pyrene	0.0089	U
50-32-8	**Benzo[a]pyrene**	**0.0064**	**0.36**				

Worksheet #: 18319

Total Target Concentration 0.36

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09855.D Vial: 30
Acq On : 8 Aug 2005 17:00 Operator: AHD
Sample : AC18873-017 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:44 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

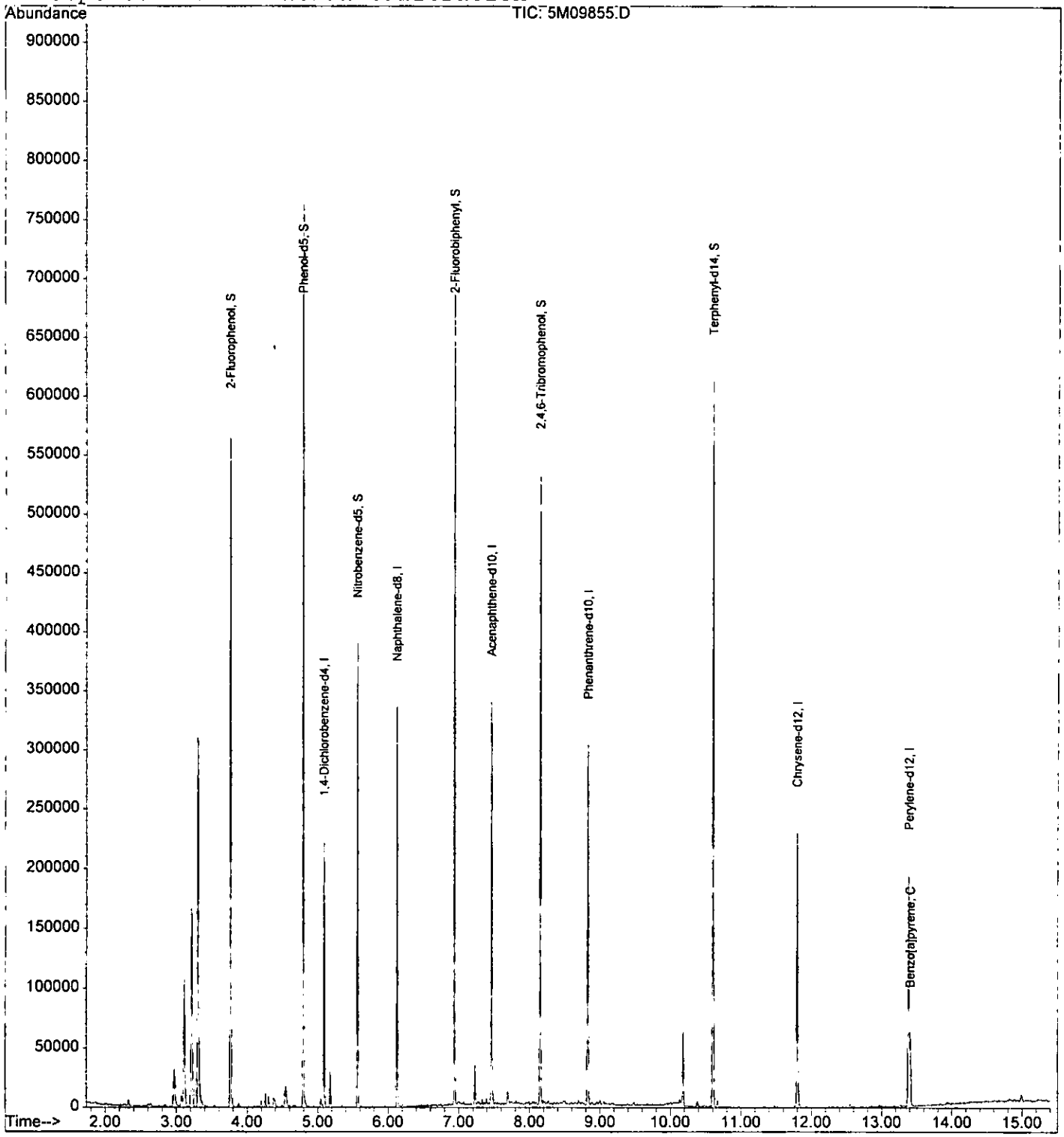
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.09	152	26169	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	106102	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	60965	40.00	ng	-0.18
61) Phenanthrene-d10	8.83	188	103829	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	79456	40.00	ng	-0.23
88) Perylene-d12	13.39	264	62026	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	159515	180.98	ng	-0.20
Spiked Amount 200.000			Recovery =	90.49%		
8) Phenol-d5	4.80	99	213519	165.67	ng	-0.15
Spiked Amount 200.000			Recovery =	82.83%		
21) Nitrobenzene-d5	5.57	128	39360	84.73	ng	-0.15
Spiked Amount 100.000			Recovery =	84.73%		
41) 2-Fluorobiphenyl	6.94	172	167997	88.16	ng	-0.15
Spiked Amount 100.000			Recovery =	88.16%		
64) 2,4,6-Tribromophenol	8.16	330	40438	181.98	ng	-0.19
Spiked Amount 200.000			Recovery =	90.99%		
80) Terphenyl-d14	10.60	244	179707	95.74	ng	-0.21
Spiked Amount 100.000			Recovery =	95.74%		
Target Compounds						Qvalue
92) Benzo[a]pyrene	13.41	252	21512	9.33	ng	96

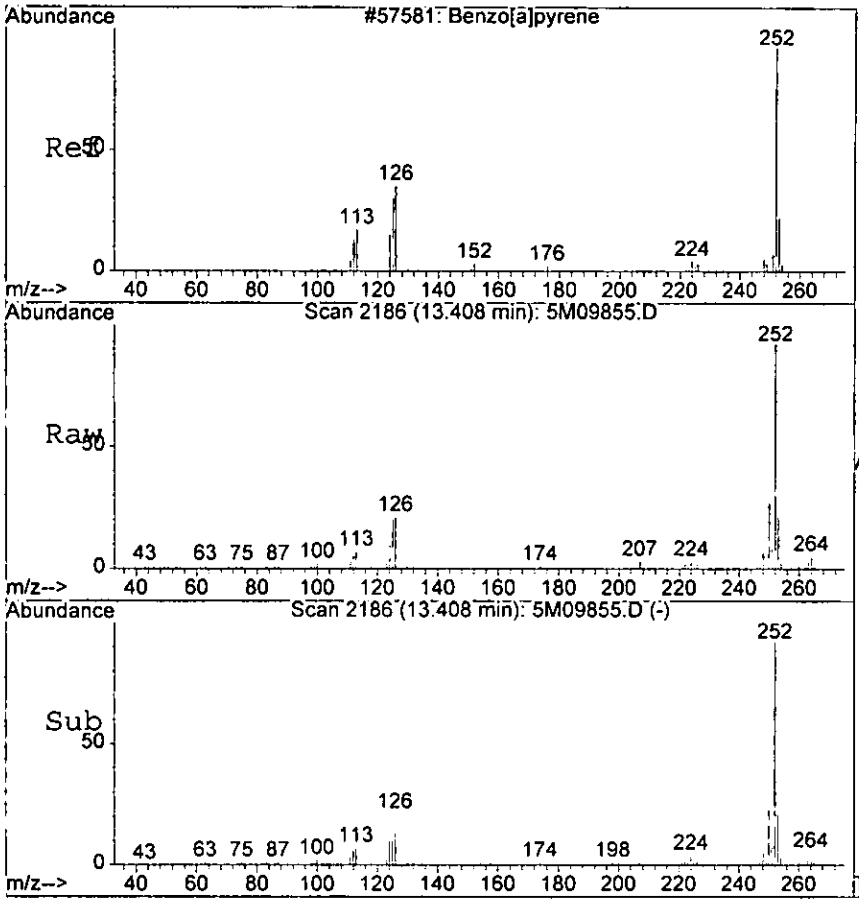
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09855.D Vial: 30
Acq On : 8 Aug 2005 17:00 Operator: AHD
Sample : AC18873-017 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:44 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



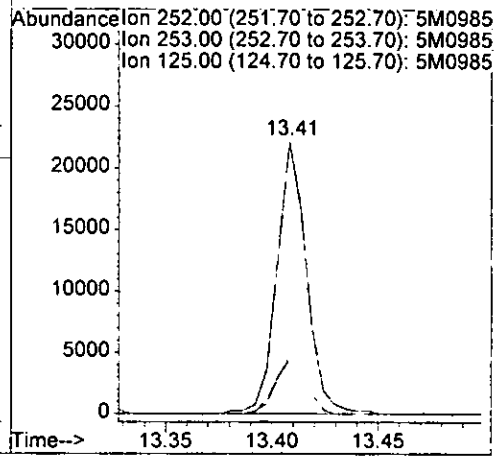


#92
Benzo[a]pyrene
Concen: 9.33 ng
RT: 13.41 min Scan# 2186
Delta R.T. -0.16 min
Lab File: 5M09855.D
Acq: 8 Aug 2005 17:00

8598

Tgt Ion:252 Resp: 21512

Ion	Ratio	Lower	Upper
252	100		
253	20.8	0.0	61.5
125	19.6	0.0	56.0



Form1

ORGANICS SEMIVOLATILE REPORT

6598

Sample Number: AC18873-018(3X)
Client Id: PCSB-52(0.5')
Data File: 4M05488.D
Analysis Date: 08/10/05 10:32
Date Rec/Extracted: 08/02/05-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.029	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.032**	**9.5**
95-50-1	1,2-Dichlorobenzene	0.049	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.020**	**4.1**
122-66-7	1,2-Diphenylhydrazine	0.031	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.035**	**2.0**
541-73-1	1,3-Dichlorobenzene	0.045	U	111-91-1	bis(2-Chloroethoxy)methan	0.025	U
106-46-7	1,4-Dichlorobenzene	0.055	U	111-44-4	bis(2-Chloroethyl)ether	0.057	U
95-95-4	2,4,5-Trichlorophenol	1.5	U	108-60-1	bis(2-chloroisopropyl)ether	0.035	U
88-06-2	2,4,6-Trichlorophenol	2.6	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.097	U
120-83-2	2,4-Dichlorophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.043	U
105-67-9	2,4-Dimethylphenol	0.15	U	**86-74-8**	**Carbazole**	**0.032**	**0.40**
51-28-5	2,4-Dinitrophenol	0.73	U	**218-01-9**	**Chrysene**	**0.022**	**7.3**
121-14-2	2,4-Dinitrotoluene	0.040	U	84-74-2	Di-n-butylphthalate	0.024	U
606-20-2	2,6-Dinitrotoluene	0.044	U	117-84-0	Di-n-octylphthalate	0.025	U
91-58-7	2-Chloronaphthalene	0.030	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.037**	**1.9**
95-57-8	2-Chlorophenol	0.22	U	**132-64-9**	**Dibenzofuran**	**0.14**	**0.27**
91-57-6	**2-Methylnaphthalene**	**0.14**	**0.35**	84-66-2	Diethylphthalate	0.030	U
95-48-7	2-Methylphenol	0.51	U	131-11-3	Dimethylphthalate	0.024	U
88-74-4	2-Nitroaniline	0.076	U	**206-44-0**	**Fluoranthene**	**0.031**	**13**
88-75-5	2-Nitrophenol	0.13	U	**86-73-7**	**Fluorene**	**0.027**	**0.48**
106-44-5	3&4-Methylphenol	0.57	U	118-74-1	Hexachlorobenzene	0.050	U
91-94-1	3,3'-Dichlorobenzidine	0.24	U	87-68-3	Hexachlorobutadiene	0.046	U
99-09-2	3-Nitroaniline	0.45	U	77-47-4	Hexachlorocyclopentadiene	0.29	U
534-52-1	4,6-Dinitro-2-methylphenol	0.20	U	67-72-1	Hexachloroethane	0.080	U
101-55-3	4-Bromophenyl-phenylether	0.041	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.015**	**3.9**
59-50-7	4-Chloro-3-methylphenol	0.27	U	78-59-1	Isophorone	0.033	U
106-47-8	4-Chloroaniline	0.83	U	621-64-7	N-Nitroso-di-n-propylamine	0.052	U
7005-72-3	4-Chlorophenyl-phenylether	0.050	U	62-75-9	N-Nitrosodimethylamine	1.3	U
100-01-6	4-Nitroaniline	0.27	U	86-30-6	n-Nitrosodiphenylamine	0.051	U
100-02-7	4-Nitrophenol	0.19	U	**91-20-3**	**Naphthalene**	**0.025**	**0.22**
83-32-9	**Acenaphthene**	**0.045**	**0.35**	98-95-3	Nitrobenzene	0.043	U
208-96-8	**Acenaphthylene**	**0.025**	**0.21**	87-86-5	Pentachlorophenol	0.13	U
120-12-7	**Anthracene**	**0.028**	**1.7**	**85-01-8**	**Phenanthrene**	**0.025**	**5.6**
92-87-5	Benzidine	0.24	U	108-95-2	Phenol	0.16	U
56-55-3	**Benzo[a]anthracene**	**0.019**	**7.5**	**129-00-0**	**Pyrene**	**0.025**	**11**
50-32-8	**Benzo[a]pyrene**	**0.025**	**6.7**				

Worksheet #: 18319

Total Target Concentration 76.48

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05488.D Vial: 2
Acq On : 10 Aug 2005 10:32 Operator: AHD
Sample : AC18873-018(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	49028	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	137531	40.00	ng	0.00
35) Acenaphthene-d10	7.41	164	65707	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	88371	40.00	ng	0.00
72) Chrysene-d12	12.21	240	54472	40.00	ng	0.01
81) Perylene-d12	14.05	264	45691	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.70	112	73466	53.89	ng	0.00
Spiked Amount 200.000			Recovery = 26.95%			
7) Phenol-d5	4.57	99	96156	56.17	ng	0.00
Spiked Amount 200.000			Recovery = 28.09%			
20) Nitrobenzene-d5	5.30	128	19631	29.52	ng	0.00
Spiked Amount 100.000			Recovery = 29.52%			
40) 2-Fluorobiphenyl	6.78	172	69505	30.94	ng	0.00
Spiked Amount 100.000			Recovery = 30.94%			
62) 2,4,6-Tribromophenol	8.24	332	25820	58.03	ng	0.00
Spiked Amount 200.000			Recovery = 29.02%			
75) Terphenyl-d14	10.91	244	42746	27.69	ng	0.00
Spiked Amount 100.000			Recovery = 27.69%			
Target Compounds						Qvalue
29) Naphthalene	5.87	128	6752	2.08	ng	98
33) 2-Methylnaphthalene	6.45	142	6821	3.26	ng	92
46) Acenaphthylene	7.28	152	5698	1.97	ng	93
49) Acenaphthene	7.45	153	6074	3.23	ng	97
52) Dibenzofuran	7.63	168	5732	2.49	ng	98
55) Fluorene	7.99	166	7795	4.42	ng	96
67) Phenanthrene	9.04	178	117484	52.13	ng	99
68) Anthracene	9.10	178	36218	16.13	ng	95
69) Carbazole	9.30	167	7039	3.72	ng	94
71) Fluoranthene	10.43	202	247974	124.94	ng	91
73) Pyrene	10.70	202	221530	101.65	ng	83
78) Benzo[a]anthracene	12.19	228	121414	69.36	ng	99
79) Chrysene	12.24	228	105652	68.09	ng	98
83) Benzo[b]fluoranthene	13.59	252	149414m	88.45	ng	
84) Benzo[k]fluoranthene	13.62	252	28746m	18.61	ng	
85) Benzo[a]pyrene	13.99	252	92639	62.28	ng	93
86) Indeno[1,2,3-cd]pyrene	15.30	276	61069	36.41	ng	75
87) Dibenzo[a,h]anthracene	15.32	278	23460	17.53	ng	87
88) Benzo[g,h,i]perylene	15.57	276	54039	38.47	ng	94

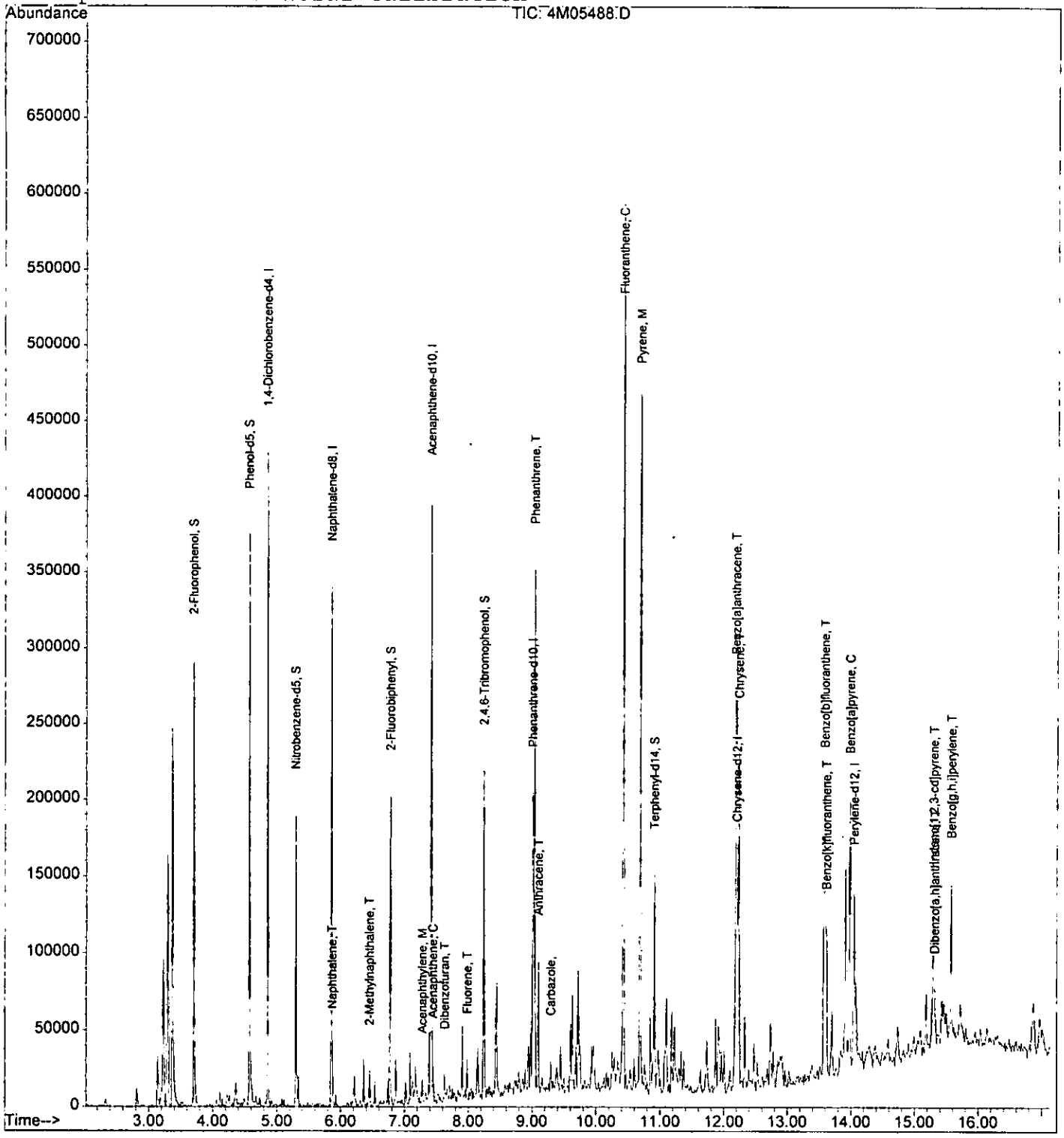
(#) = qualifier out of range (m) = manual integration

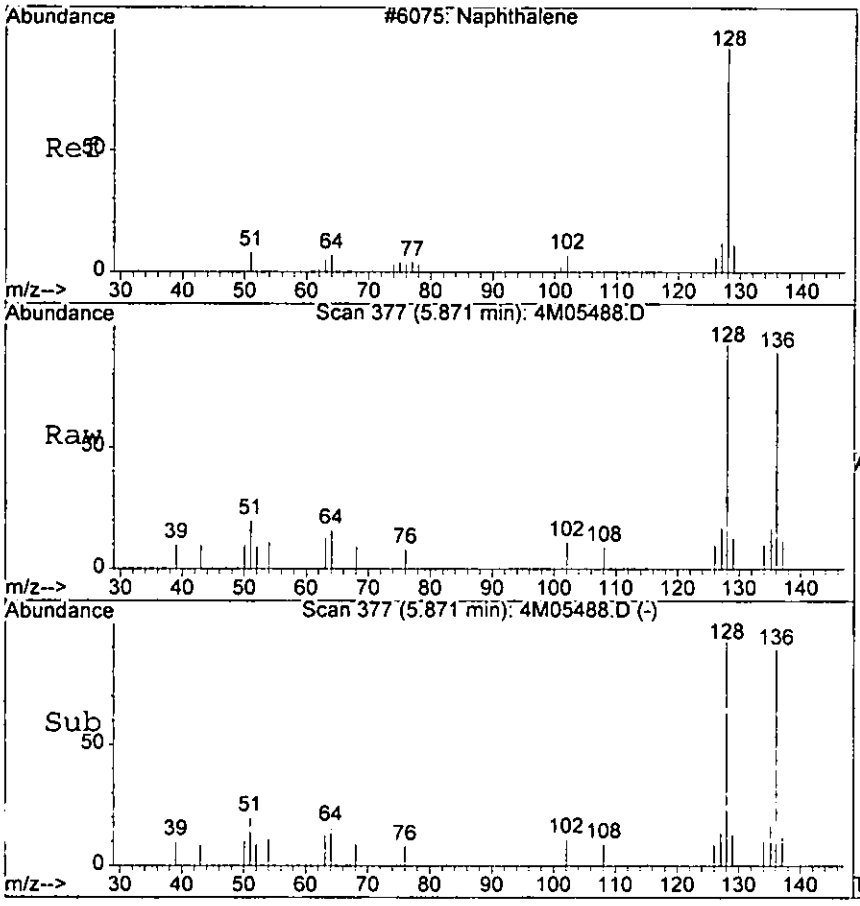
1-9165

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05488.D Vial: 2
Acq On : 10 Aug 2005 10:32 Operator: AHD
Sample : AC18873-018(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:45 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

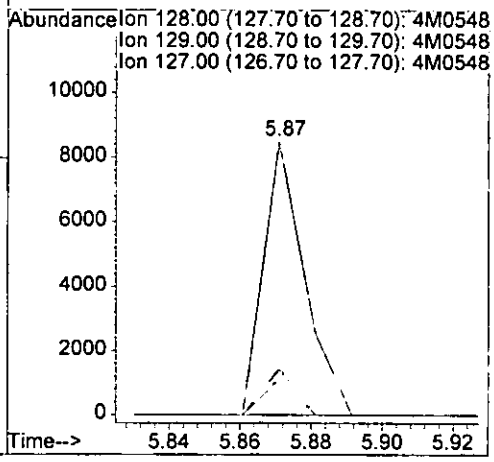




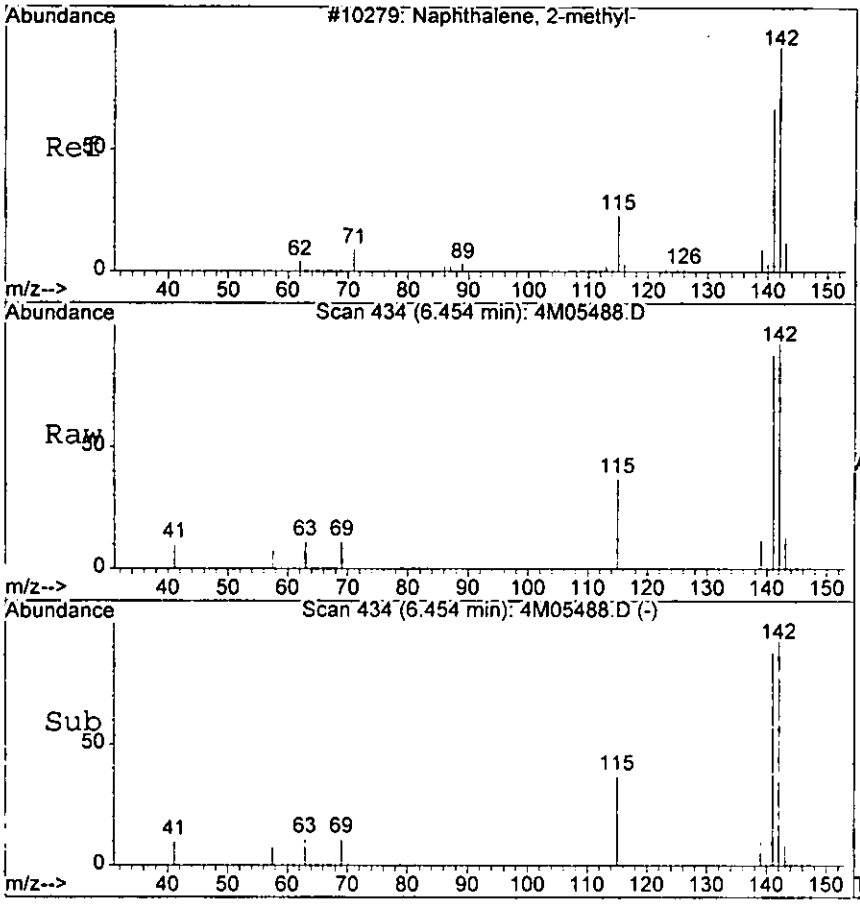
#29
Naphthalene
Concen: 2.08 ng
RT: 5.87 min Scan# 377
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:128 Resp: 6752

Ion	Ratio	Lower	Upper
128	100		
129	13.3	0.0	51.8
127	16.8	0.0	57.0



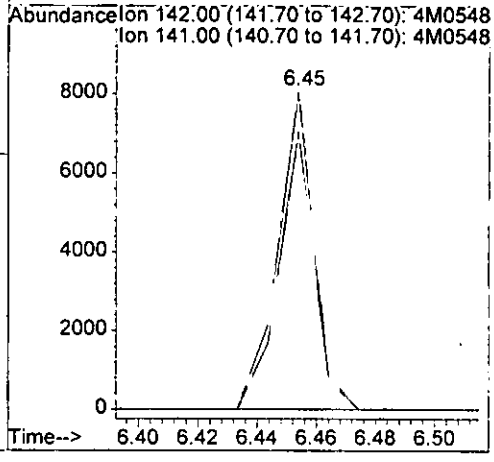
Lab1

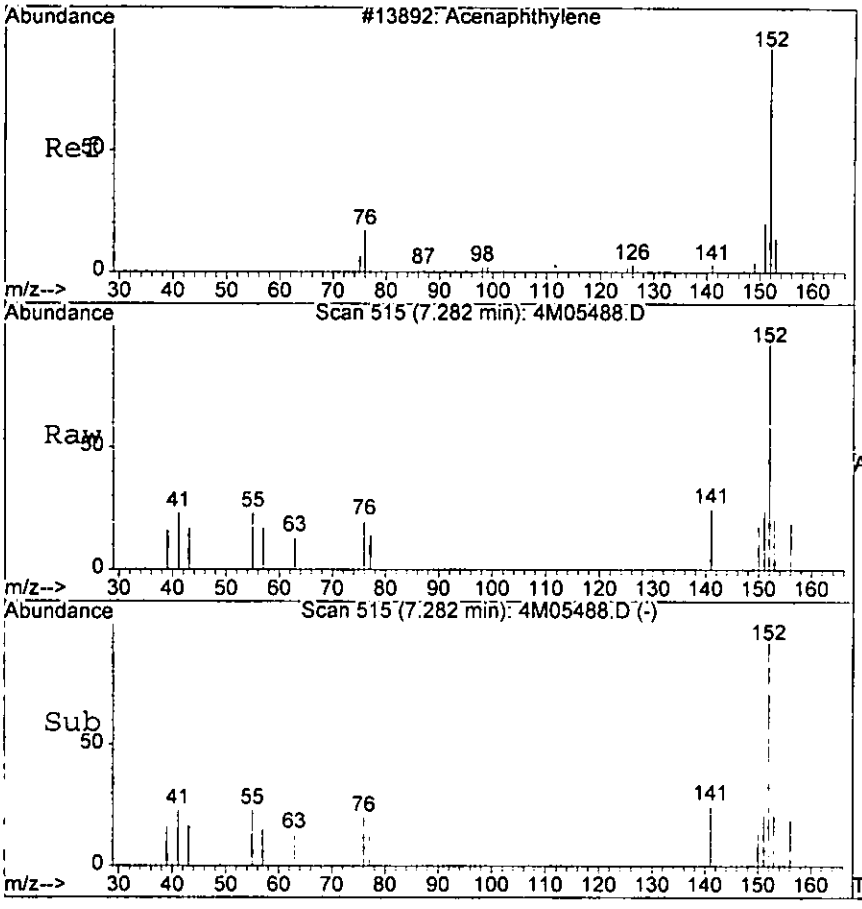


#33
2-Methylnaphthalene
Concen: 3.26 ng
RT: 6.45 min Scan# 434
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:142 Resp: 6821

Ion	Ratio	Lower	Upper
142	100		
141	87.5	55.7	135.7

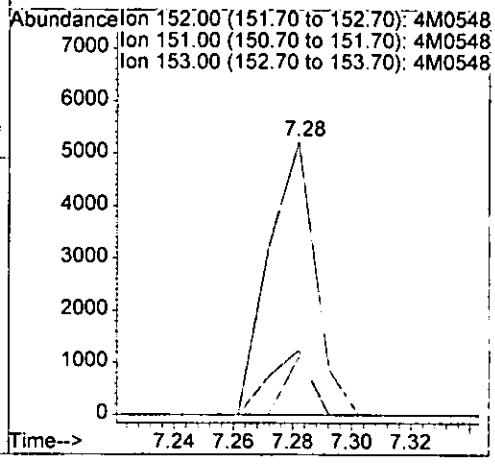


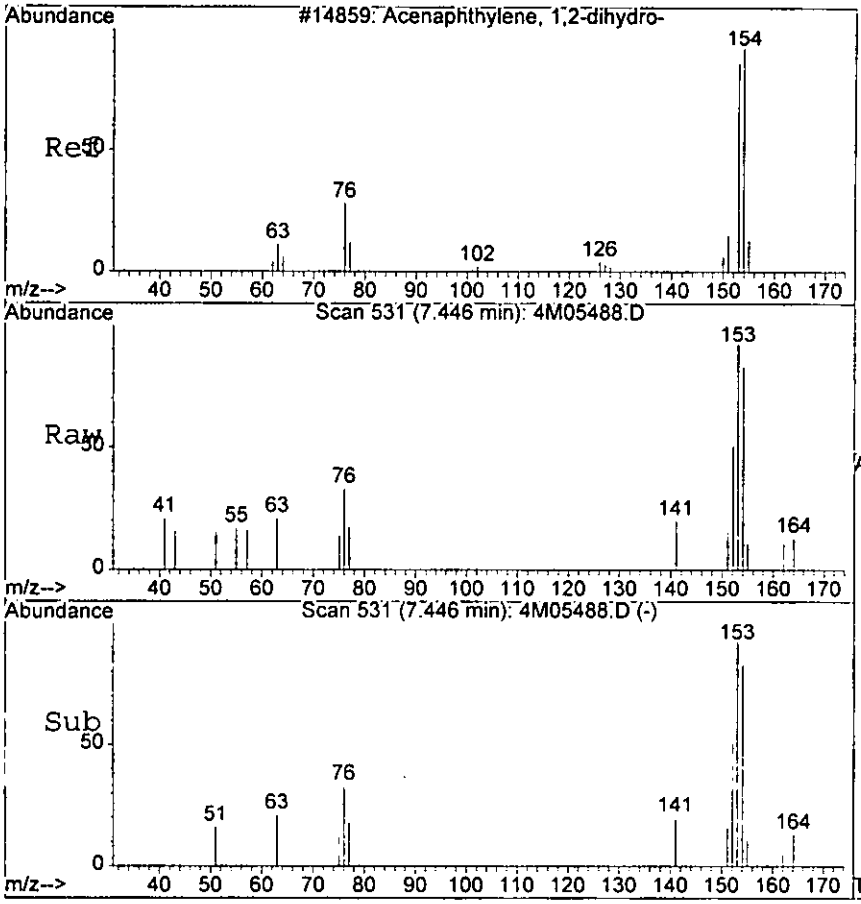


#46
Acenaphthylene
Concen: 1.97 ng
RT: 7.28 min Scan# 515
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:152 Resp: 5698

Ion	Ratio	Lower	Upper
152	100		
151	23.7	0.0	63.6
153	21.2	0.0	53.8

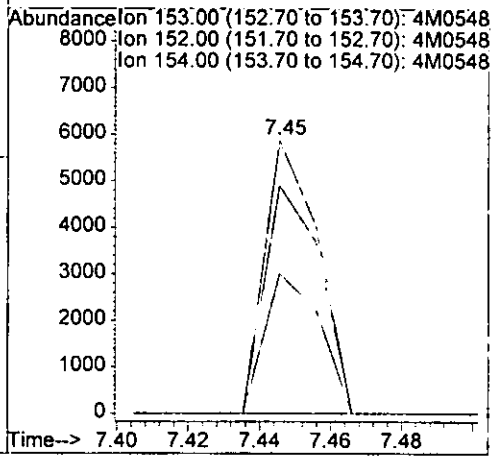


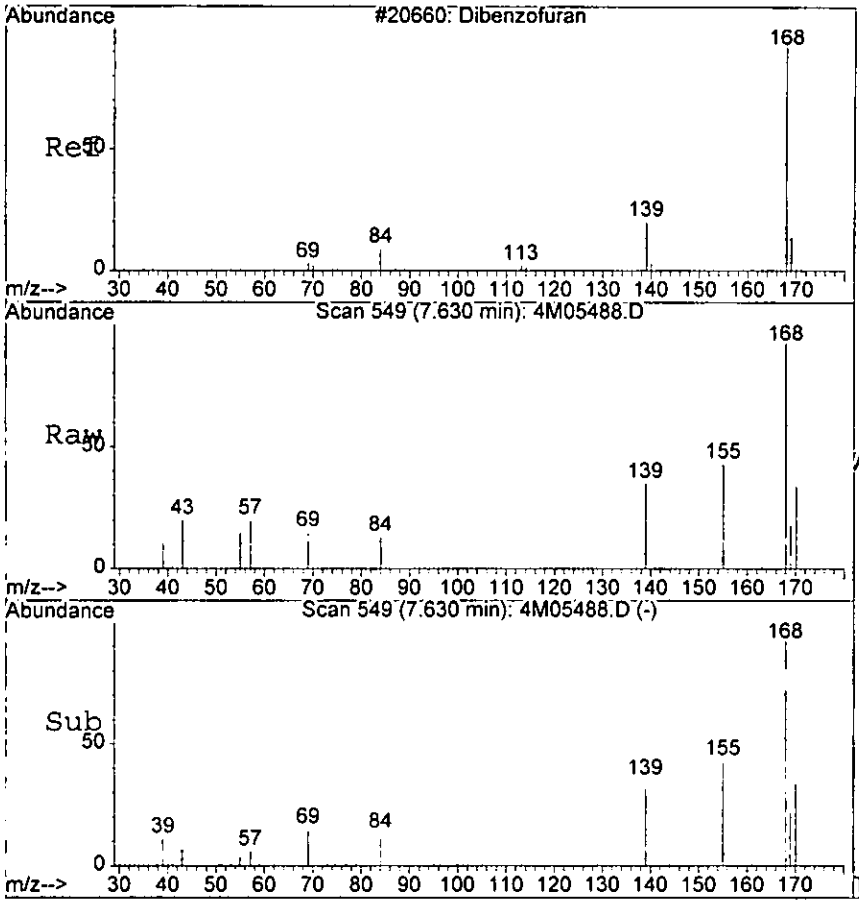


#49
Acenaphthene
Concen: 3.23 ng
RT: 7.45 min Scan# 531
Delta R.T. -0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:153 Resp: 6074

Ion	Ratio	Lower	Upper
153	100		
152	51.2	8.3	88.3
154	83.4	45.1	125.1

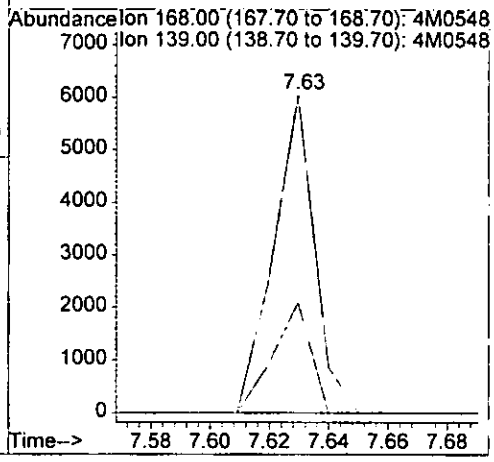


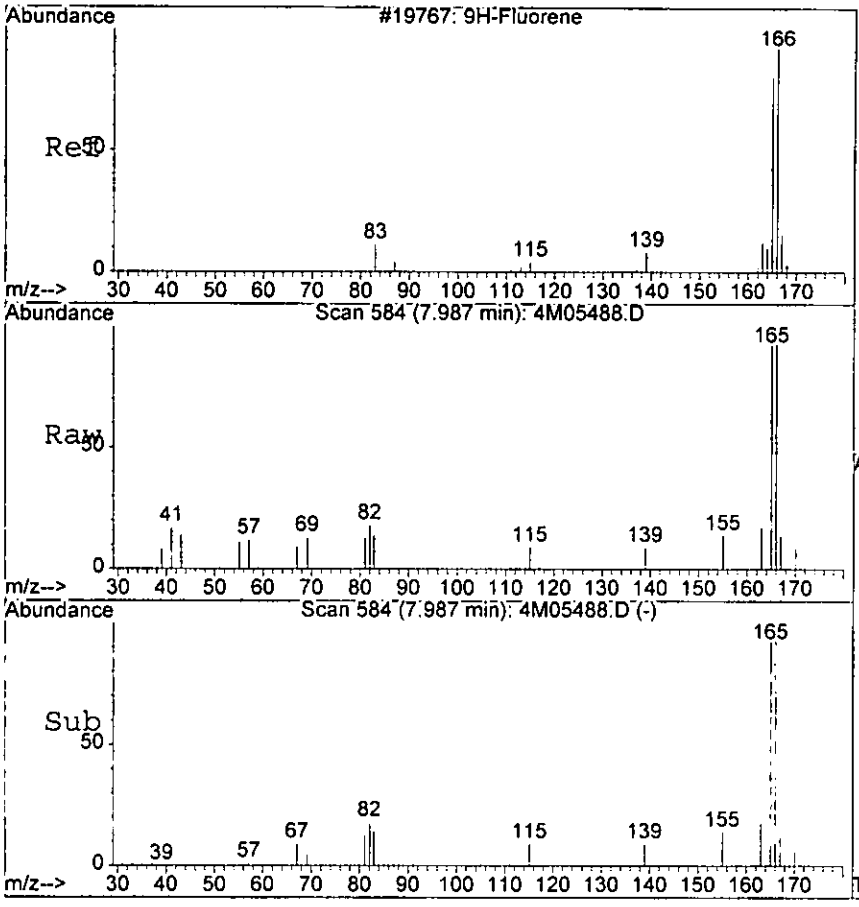


#52
Dibenzofuran
Concen: 2.49 ng
RT: 7.63 min Scan# 549
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:168 Resp: 5732

Ion	Ratio	Lower	Upper
168	100		
139	34.6	6.0	66.0

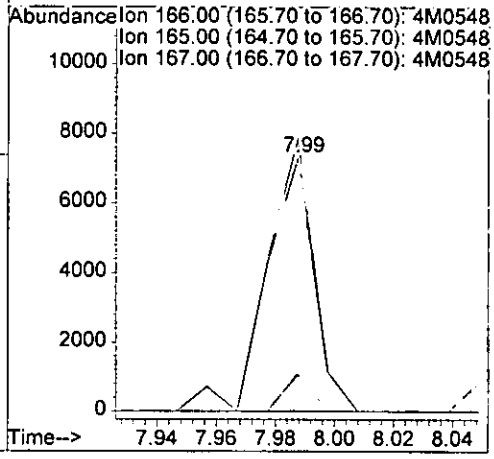


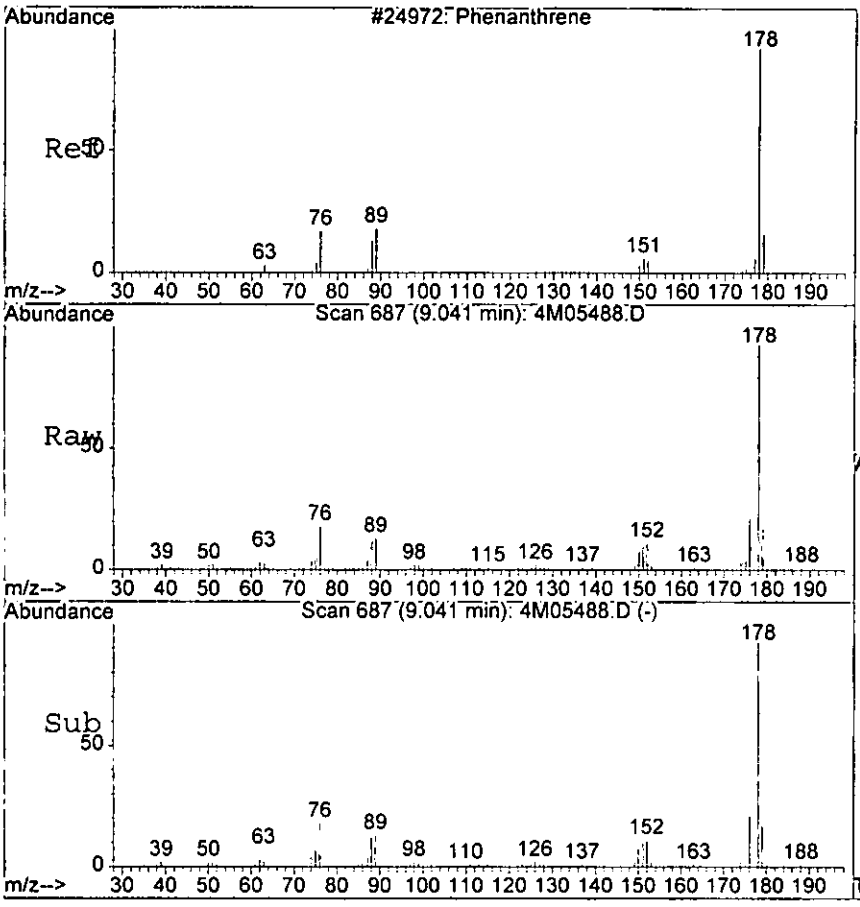


#55
Fluorene
Concen: 4.42 ng
RT: 7.99 min Scan# 584
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:166 Resp: 7795

Ion	Ratio	Lower	Upper
166	100		
165	107.8	63.3	143.3
167	14.7	0.0	54.6

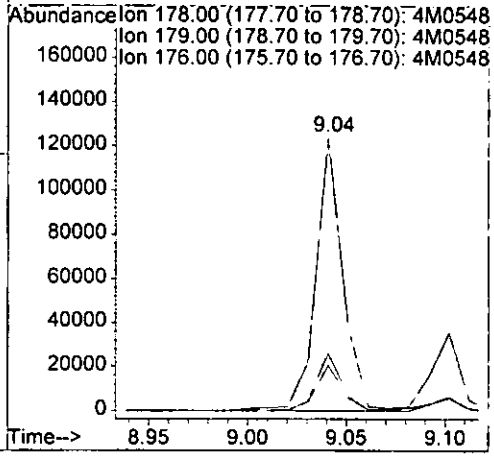


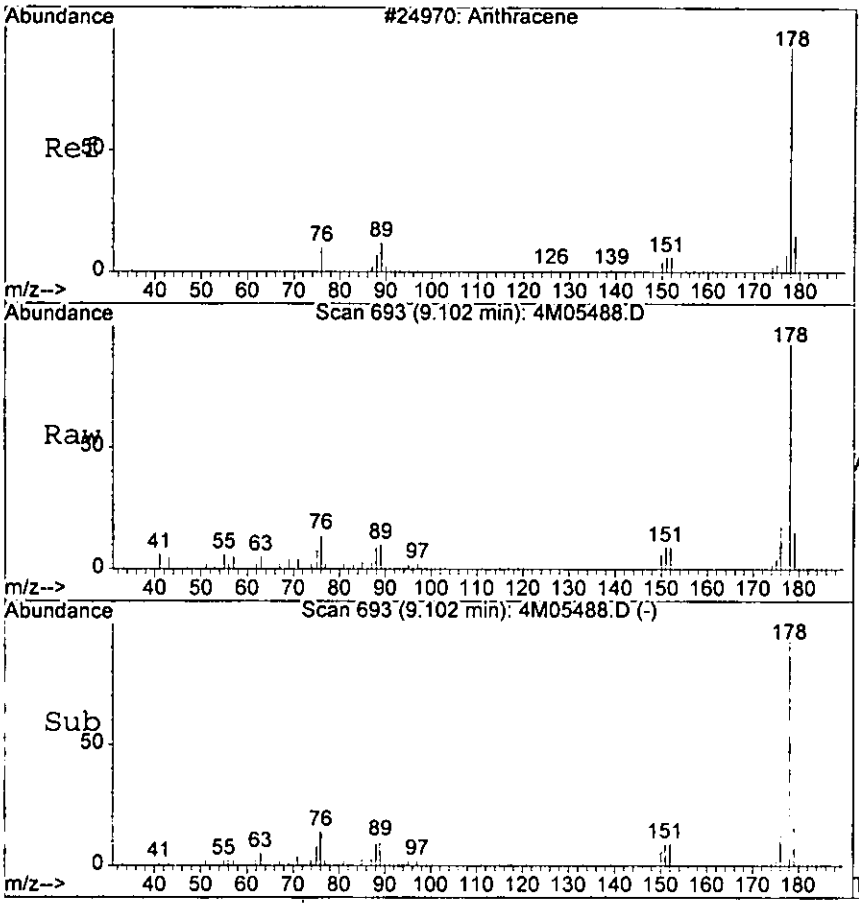


#67
Phenanthrene
Concen: 52.13 ng
RT: 9.04 min Scan# 687
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:178 Resp: 117484

Ion	Ratio	Lower	Upper
178	100		
179	16.6	0.0	56.6
176	21.0	0.0	60.5

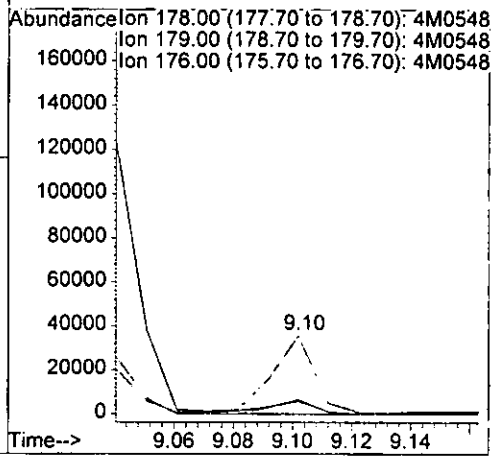




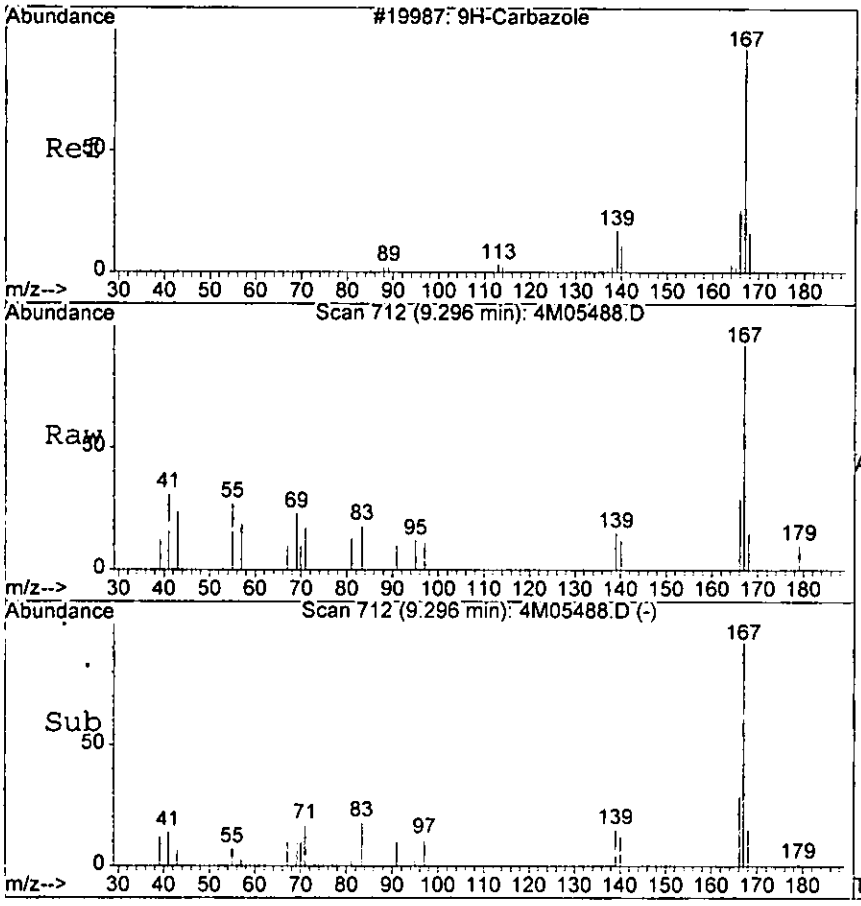
#68
Anthracene
Concen: 16.13 ng
RT: 9.10 min Scan# 693
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:178 Resp: 36218

Ion	Ratio	Lower	Upper
178	100		
179	14.3	0.0	56.6
176	18.3	0.0	60.2



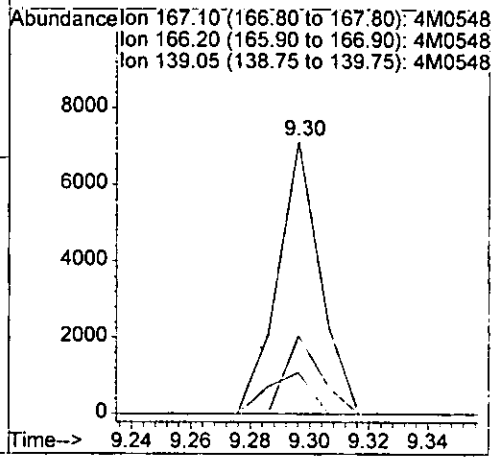
8/16

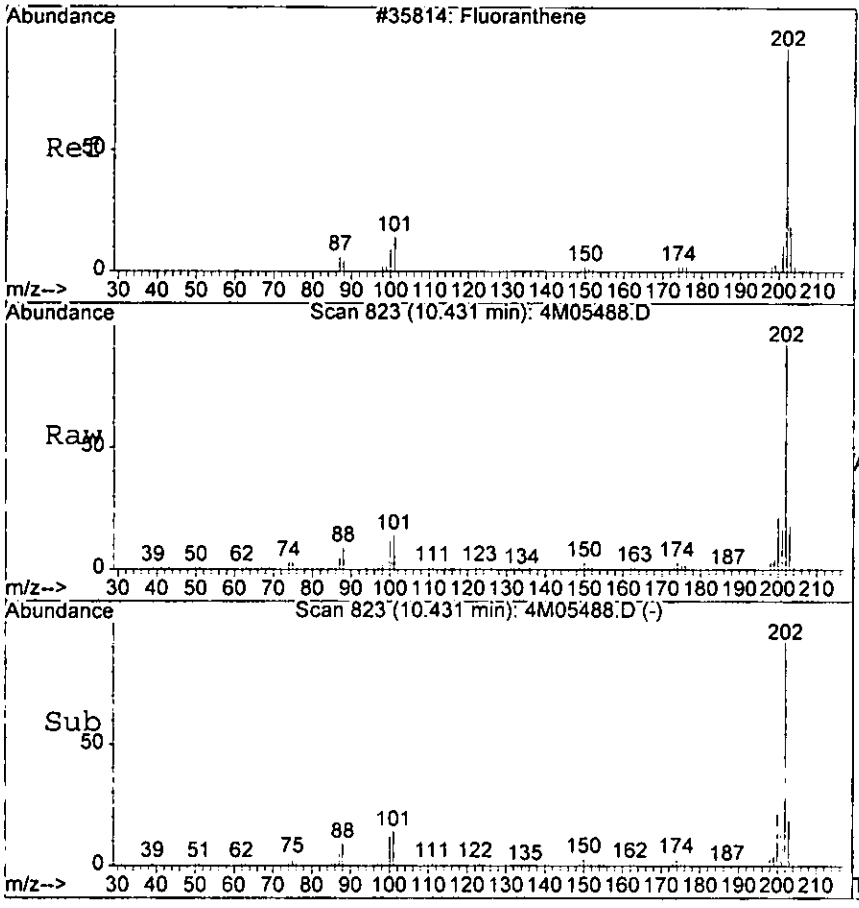


#69
Carbazole
Concen: 3.72 ng
RT: 9.30 min Scan# 712
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:167 Resp: 7039

Ion	Ratio	Lower	Upper
167	100		
166	28.8	4.9	44.9
139	15.1	0.0	33.9

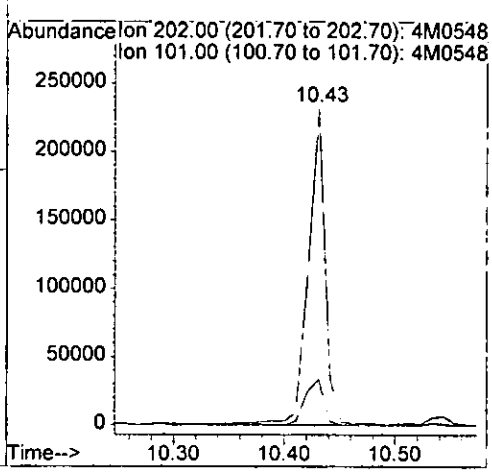




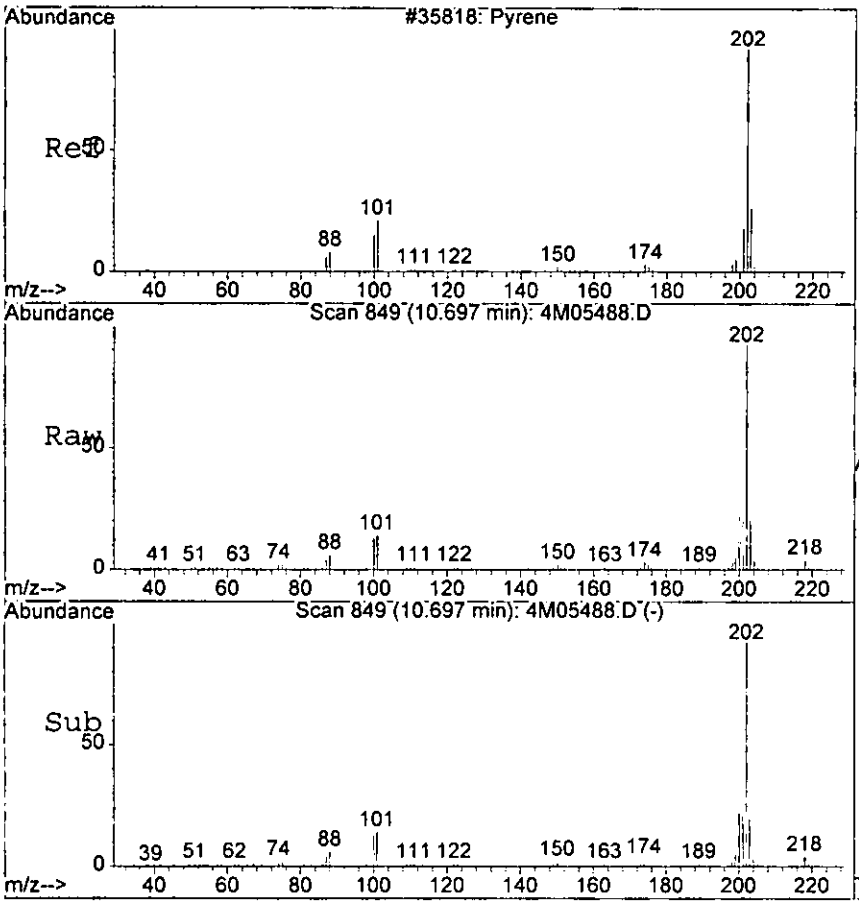
#71
Fluoranthene
Concen: 124.94 ng
RT: 10.43 min Scan# 823
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:202 Resp: 247974

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	58.3



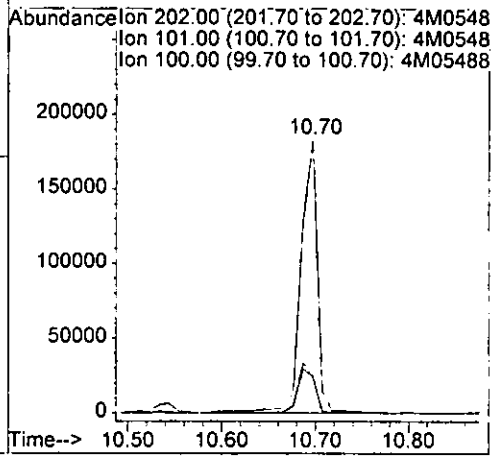
B671

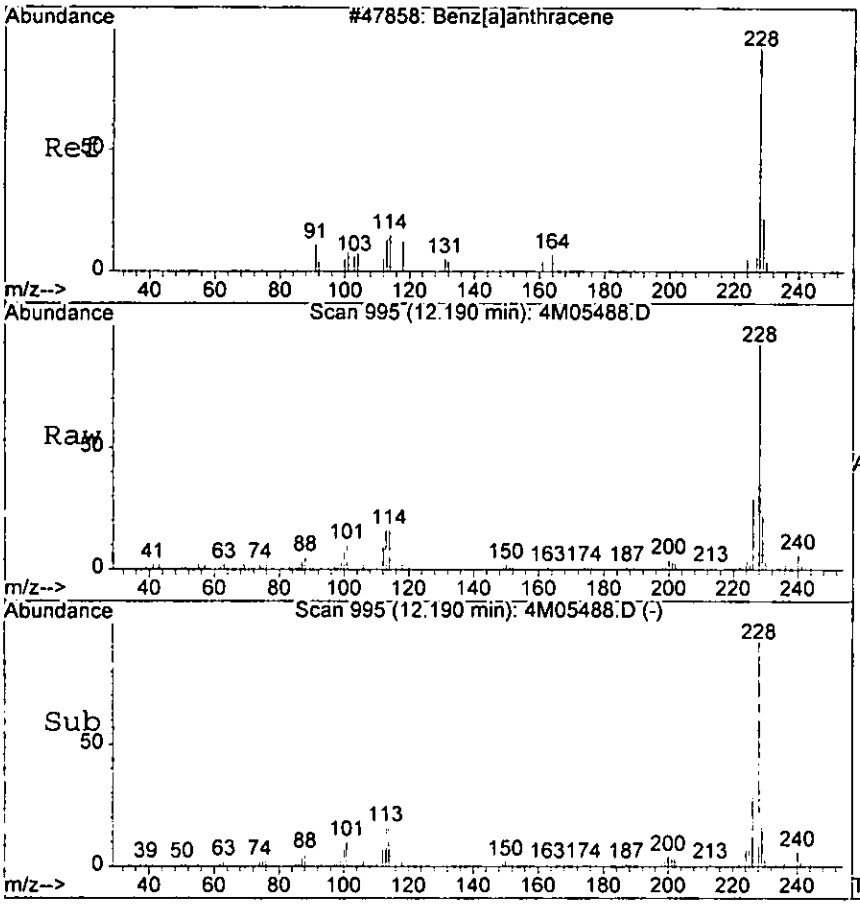


#73
Pyrene
Concen: 101.65 ng
RT: 10.70 min Scan# 849
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:202 Resp: 221530

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	62.7
100	13.4	0.0	60.5

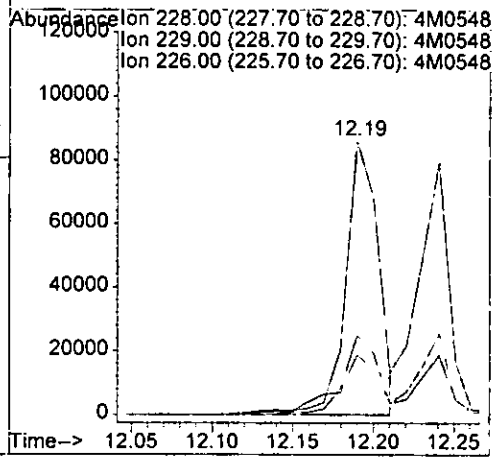


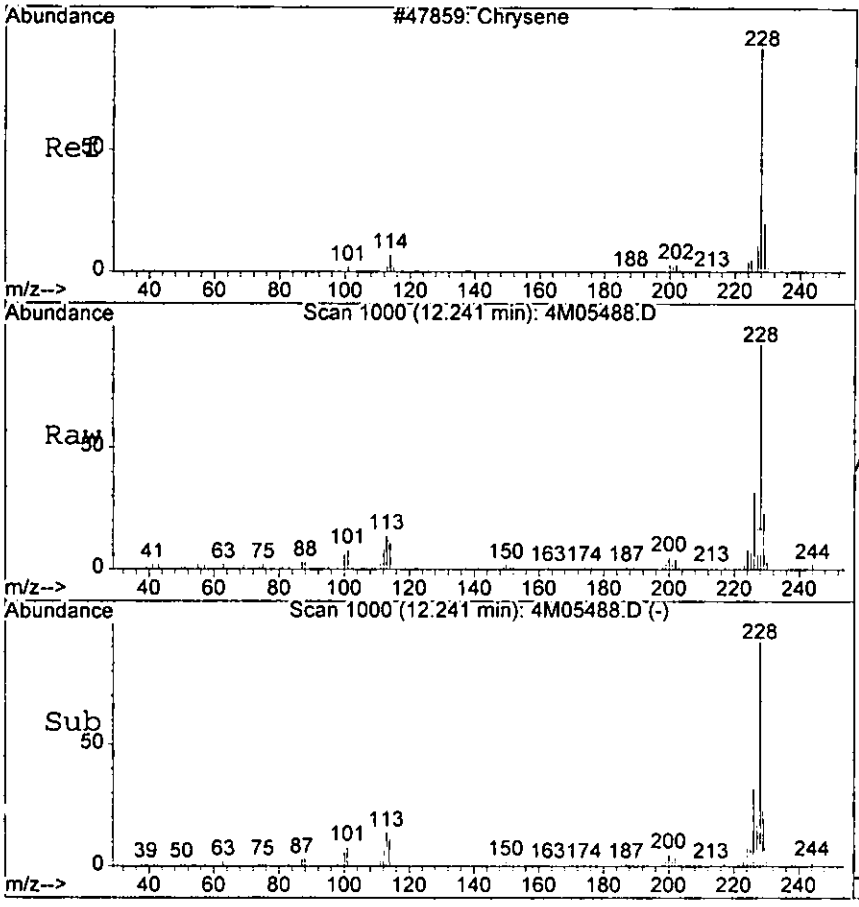


#78
Benzo[a]anthracene
Concen: 69.36 ng
RT: 12.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:228 Resp: 121414

Ion	Ratio	Lower	Upper
228	100		
229	21.9	0.0	60.5
226	28.9	0.0	69.0

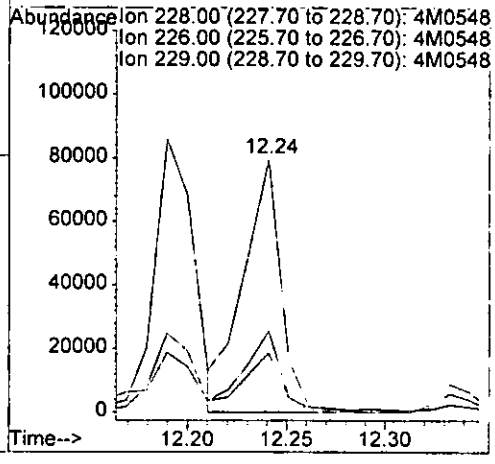




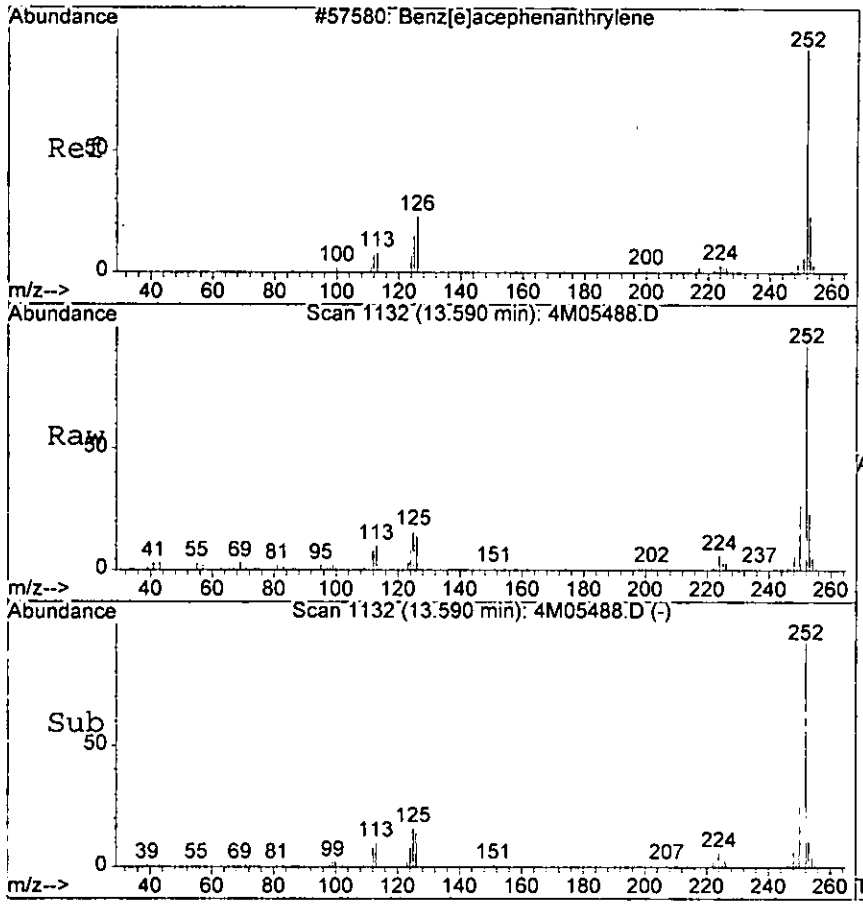
#79
Chrysene
Concen: 68.09 ng
RT: 12.24 min Scan# 1000
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:228 Resp: 105652

Ion	Ratio	Lower	Upper
228	100		
226	32.3	12.0	52.0
229	22.6	0.0	61.1



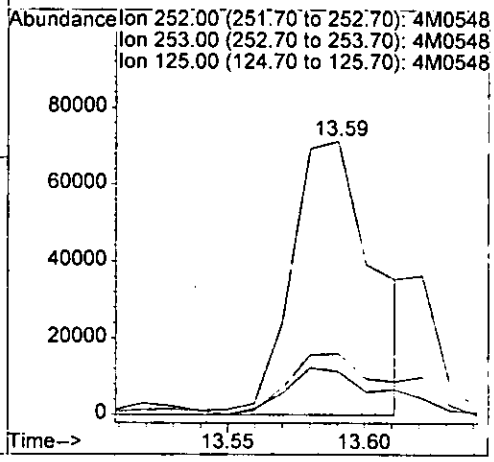
1805



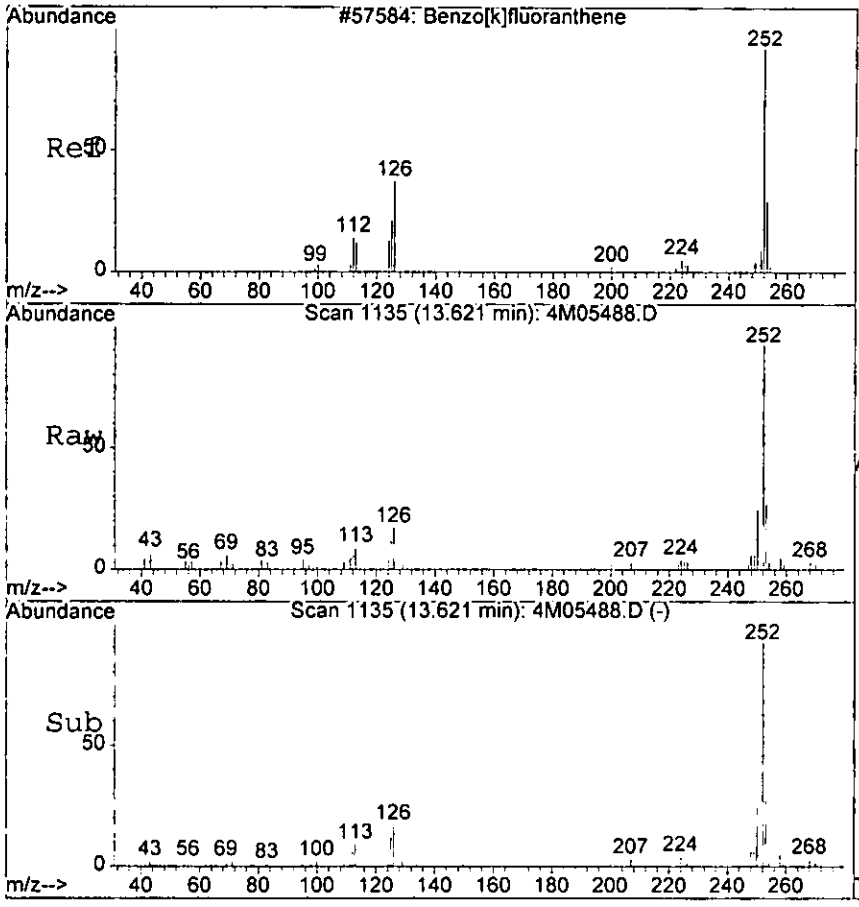
#83
Benzo[b]fluoranthene
Concen: 88.45 ng m
RT: 13.59 min Scan# 1132
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:252 Resp: 149414

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	63.3
125	15.8	0.0	57.6



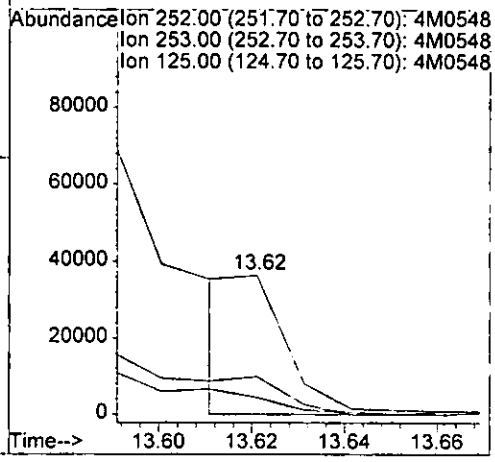
8675

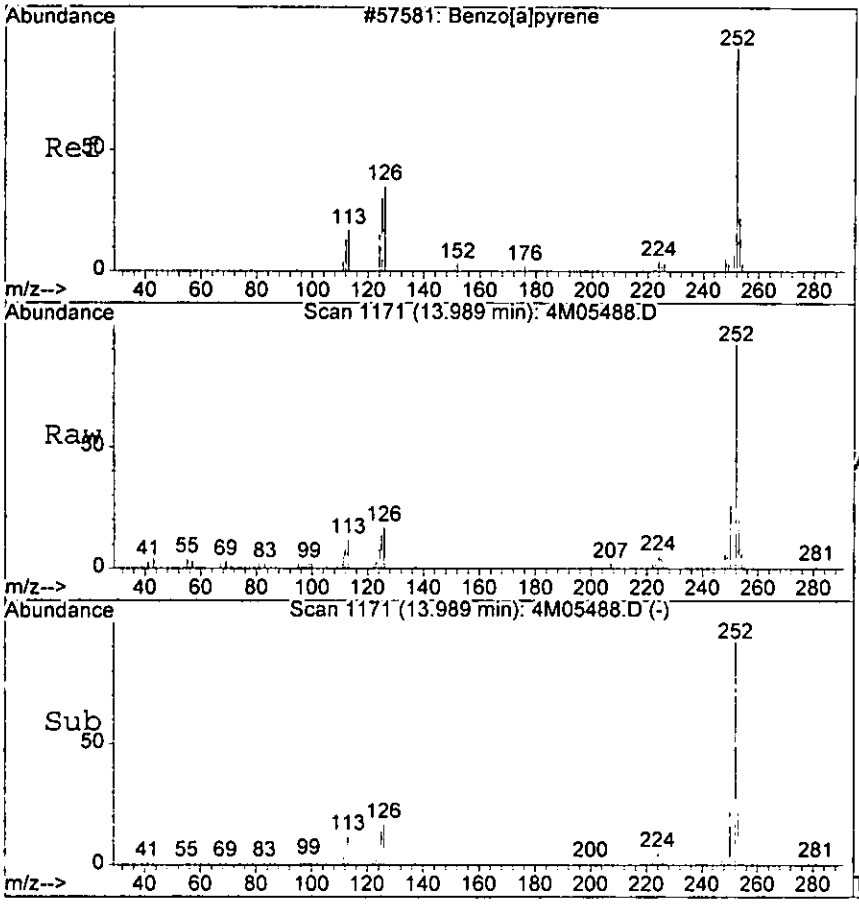


#84
Benzo[k]fluoranthene
Concen: 18.61 ng m
RT: 13.62 min Scan# 1135
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:252 Resp: 28746

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	63.5
125	12.1	0.0	53.8

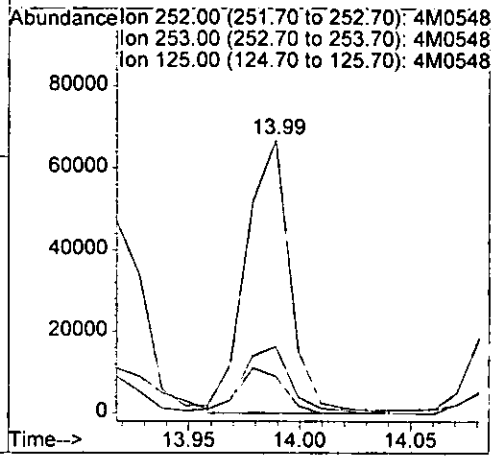




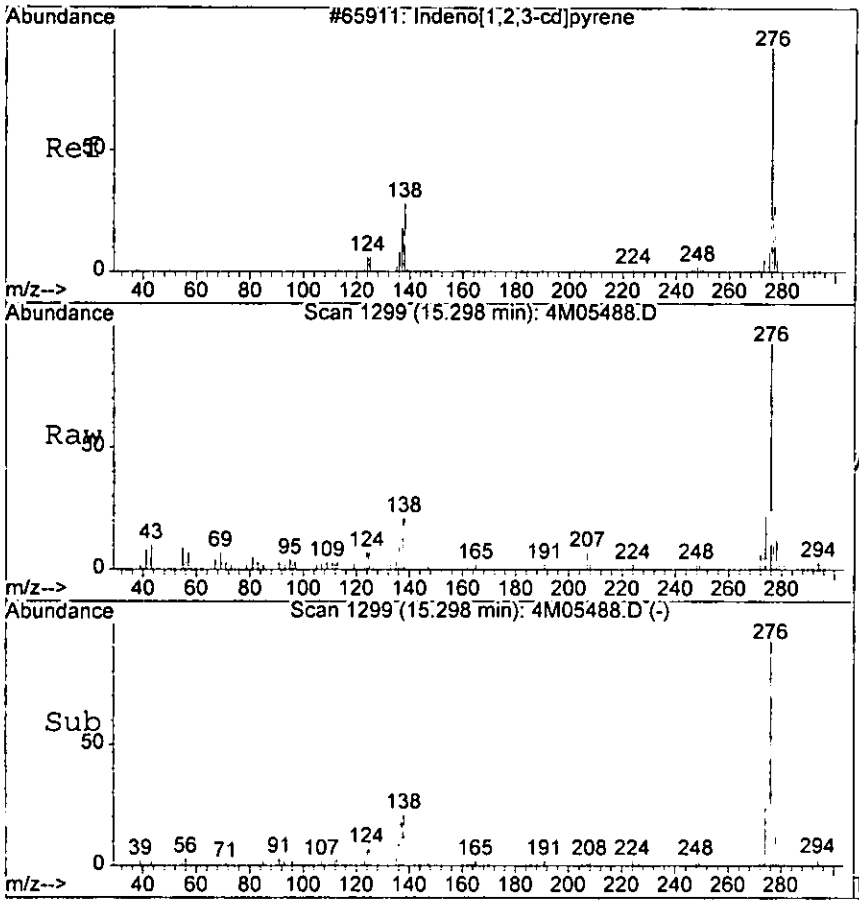
#85
Benzo[a]pyrene
Concen: 62.28 ng
RT: 13.99 min Scan# 1171
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:252 Resp: 92639

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	62.9
125	12.7	0.0	57.6



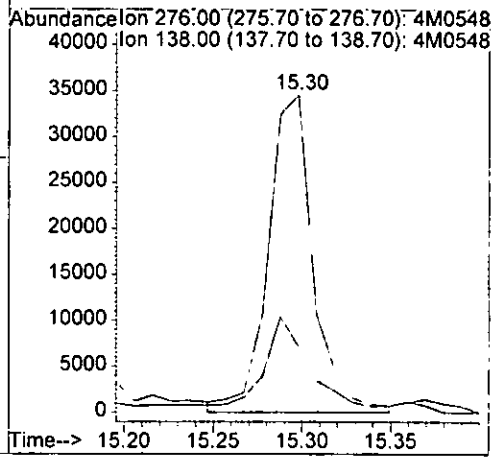
0677

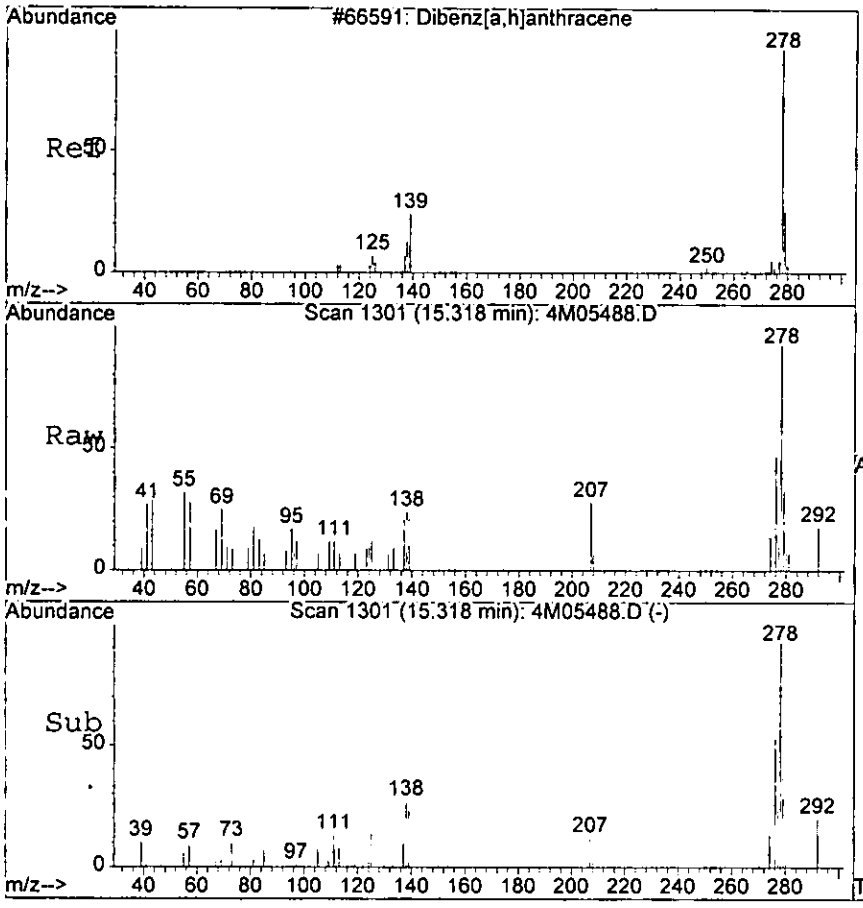


#86
Indeno[1,2,3-cd]pyrene
Concen: 36.41 ng
RT: 15.30 min Scan# 1299
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:276 Resp: 61069

Ion	Ratio	Lower	Upper
276	100		
138	19.1	0.0	73.4

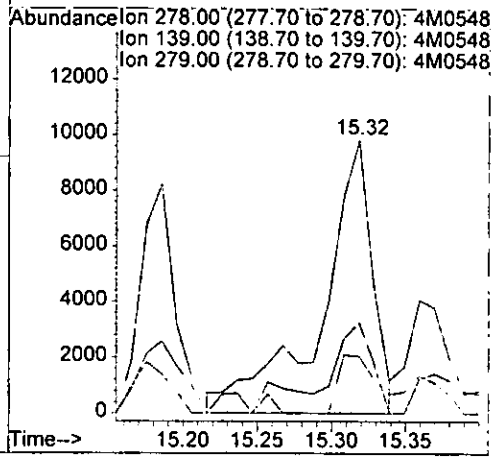




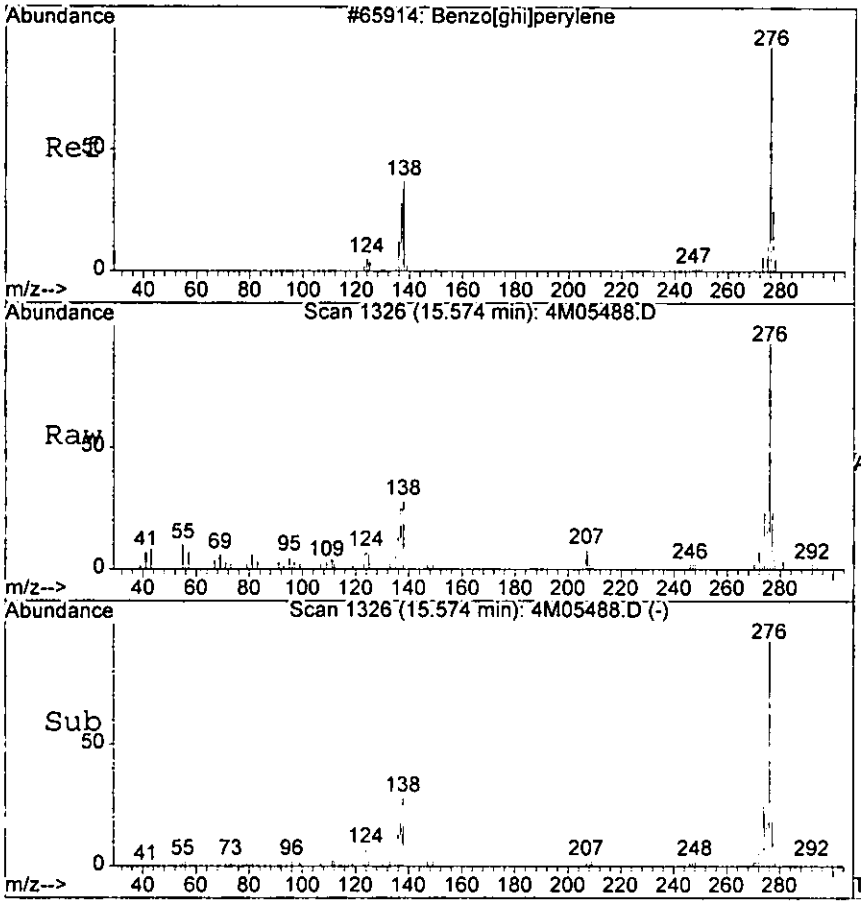
#87
Dibenzo[a,h]anthracene
Concen: 17.53 ng
RT: 15.32 min Scan# 1301
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:278 Resp: 23460

Ion	Ratio	Lower	Upper
278	100		
139	22.4	0.0	63.8
279	35.8	0.0	64.0



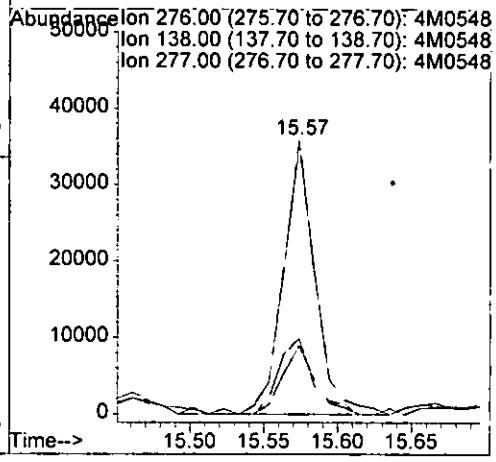
Jeter



#88
Benzo[g,h,i]perylene
Concen: 38.47 ng
RT: 15.57 min Scan# 1326
Delta R.T. 0.01 min
Lab File: 4M05488.D
Acq: 10 Aug 2005 10:32

Tgt Ion:276 Resp: 54039

Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	74.1
277	25.0	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18873-019
Client Id: PCSB-52(5.5')
Data File: 4M05495.D
Analysis Date: 08/10/05 13:20
Date Rec/Extracted: 08/02/05-08/09/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.011	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.012**	**2.2**
95-50-1	1,2-Dichlorobenzene	0.018	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0076**	**0.95**
122-66-7	1,2-Diphenylhydrazine	0.012	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.013**	**0.57**
541-73-1	1,3-Dichlorobenzene	0.017	U	111-91-1	bis(2-Chloroethoxy)methan	0.0092	U
106-46-7	1,4-Dichlorobenzene	0.020	U	111-44-4	bis(2-Chloroethyl)ether	0.021	U
95-95-4	2,4,5-Trichlorophenol	0.54	U	108-60-1	bis(2-chloroisopropyl)ether	0.013	U
88-06-2	2,4,6-Trichlorophenol	0.97	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.036**	**0.18**
120-83-2	2,4-Dichlorophenol	0.065	U	85-68-7	Butylbenzylphthalate	0.016	U
105-67-9	2,4-Dimethylphenol	0.055	U	**86-74-8**	**Carbazole**	**0.012**	**0.14**
51-28-5	2,4-Dinitrophenol	0.27	U	**218-01-9**	**Chrysene**	**0.0083**	**1.6**
121-14-2	2,4-Dinitrotoluene	0.015	U	**84-74-2**	**Di-n-butylphthalate**	**0.0090**	**0.041 B**
606-20-2	2,6-Dinitrotoluene	0.017	U	117-84-0	Di-n-octylphthalate	0.0095	U
91-58-7	2-Chloronaphthalene	0.011	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.014**	**0.37**
95-57-8	2-Chlorophenol	0.082	U	**132-64-9**	**Dibenzofuran**	**0.051**	**0.20**
91-57-6	**2-Methylnaphthalene**	**0.052**	**0.18**	84-66-2	Diethylphthalate	0.011	U
95-48-7	2-Methylphenol	0.19	U	131-11-3	Dimethylphthalate	0.0091	U
88-74-4	2-Nitroaniline	0.028	U	**206-44-0**	**Fluoranthene**	**0.012**	**2.5**
88-75-5	2-Nitrophenol	0.047	U	**86-73-7**	**Fluorene**	**0.010**	**0.19**
106-44-5	3&4-Methylphenol	0.21	U	118-74-1	Hexachlorobenzene	0.019	U
91-94-1	3,3'-Dichlorobenzidine	0.088	U	87-68-3	Hexachlorobutadiene	0.017	U
99-09-2	3-Nitroaniline	0.17	U	77-47-4	Hexachlorocyclopentadiene	0.11	U
534-52-1	4,6-Dinitro-2-methylphenol	0.076	U	67-72-1	Hexachloroethane	0.030	U
101-55-3	4-Bromophenyl-phenylether	0.015	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0055**	**0.84**
59-50-7	4-Chloro-3-methylphenol	0.10	U	78-59-1	Isophorone	0.012	U
106-47-8	4-Chloroaniline	0.31	U	621-64-7	N-Nitroso-di-n-propylamine	0.019	U
7005-72-3	4-Chlorophenyl-phenylether	0.019	U	62-75-9	N-Nitrosodimethylamine	0.47	U
100-01-6	4-Nitroaniline	0.099	U	86-30-6	n-Nitrosodiphenylamine	0.019	U
100-02-7	4-Nitrophenol	0.071	U	**91-20-3**	**Naphthalene**	**0.0094**	**0.29**
83-32-9	**Acenaphthene**	**0.017**	**0.19**	98-95-3	Nitrobenzene	0.016	U
208-96-8	**Acenaphthylene**	**0.0093**	**0.060**	87-86-5	Pentachlorophenol	0.050	U
120-12-7	**Anthracene**	**0.011**	**0.47**	**85-01-8**	**Phenanthrene**	**0.0092**	**1.4**
92-87-5	Benzidine	0.091	U	108-95-2	Phenol	0.061	U
56-55-3	**Benzo[a]anthracene**	**0.0070**	**1.3**	**129-00-0**	**Pyrene**	**0.0093**	**2.0**
50-32-8	**Benzo[a]pyrene**	**0.0093**	**1.4**				

Worksheet #: 18319

Total Target Concentration 17.071

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05495.D Vial: 29
Acq On : 10 Aug 2005 13:20 Operator: AHD
Sample : AC18873-019 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	57570	40.00	ng	0.00
19) Naphthalene-d8	5.85	136	167207	40.00	ng	0.00
35) Acenaphthene-d10	7.42	164	83393	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	100604	40.00	ng	0.00
72) Chrysene-d12	12.21	240	49390	40.00	ng	0.01
81) Perylene-d12	14.06	264	36240	40.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	229608	143.42	ng	0.00
Spiked Amount 200.000			Recovery = 71.71%			
7) Phenol-d5	4.58	99	294529	146.51	ng	0.00
Spiked Amount 200.000			Recovery = 73.26%			
20) Nitrobenzene-d5	5.30	128	65946	81.57	ng	0.00
Spiked Amount 100.000			Recovery = 81.57%			
40) 2-Fluorobiphenyl	6.79	172	219313	76.92	ng	0.00
Spiked Amount 100.000			Recovery = 76.92%			
62) 2,4,6-Tribromophenol	8.25	332	86483	170.73	ng	0.00
Spiked Amount 200.000			Recovery = 85.36%			
75) Terphenyl-d14	10.92	244	114625	81.90	ng	0.00
Spiked Amount 100.000			Recovery = 81.90%			
Target Compounds						Qvalue
29) Naphthalene	5.88	128	28139	7.12	ng	98
33) 2-Methylnaphthalene	6.46	142	11464	4.51	ng	98
46) Acenaphthylene	7.29	152	5502	1.50	ng	93
49) Acenaphthene	7.45	153	11336	4.75	ng	97
52) Dibenzofuran	7.63	168	14495	4.97	ng	99
55) Fluorene	7.99	166	10650	4.76	ng	86
67) Phenanthrene	9.04	178	89495	34.88	ng	98
68) Anthracene	9.11	178	29677	11.61	ng	96
69) Carbazole	9.30	167	7506	3.48	ng	97
70) Di-n-butylphthalate	9.75	149	4104	1.03	ng	77
71) Fluoranthene	10.44	202	138572	61.33	ng	90
73) Pyrene	10.70	202	99564	50.39	ng	84
78) Benzo[a]anthracene	12.20	228	51152	32.23	ng	96
79) Chrysene	12.24	228	55628	39.54	ng	97
80) bis(2-Ethylhexyl)phthalate	12.33	149	7156	4.57	ng	87
83) Benzo[b]fluoranthene	13.59	252	72292m	53.96	ng	
84) Benzo[k]fluoranthene	13.63	252	17368m	14.18	ng	
85) Benzo[a]pyrene	13.99	252	42073	35.66	ng	97
86) Indeno[1,2,3-cd]pyrene	15.30	276	27775	20.88	ng	92

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05495.D Vial: 29
Acq On : 10 Aug 2005 13:20 Operator: AHD
Sample : AC18873-019 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

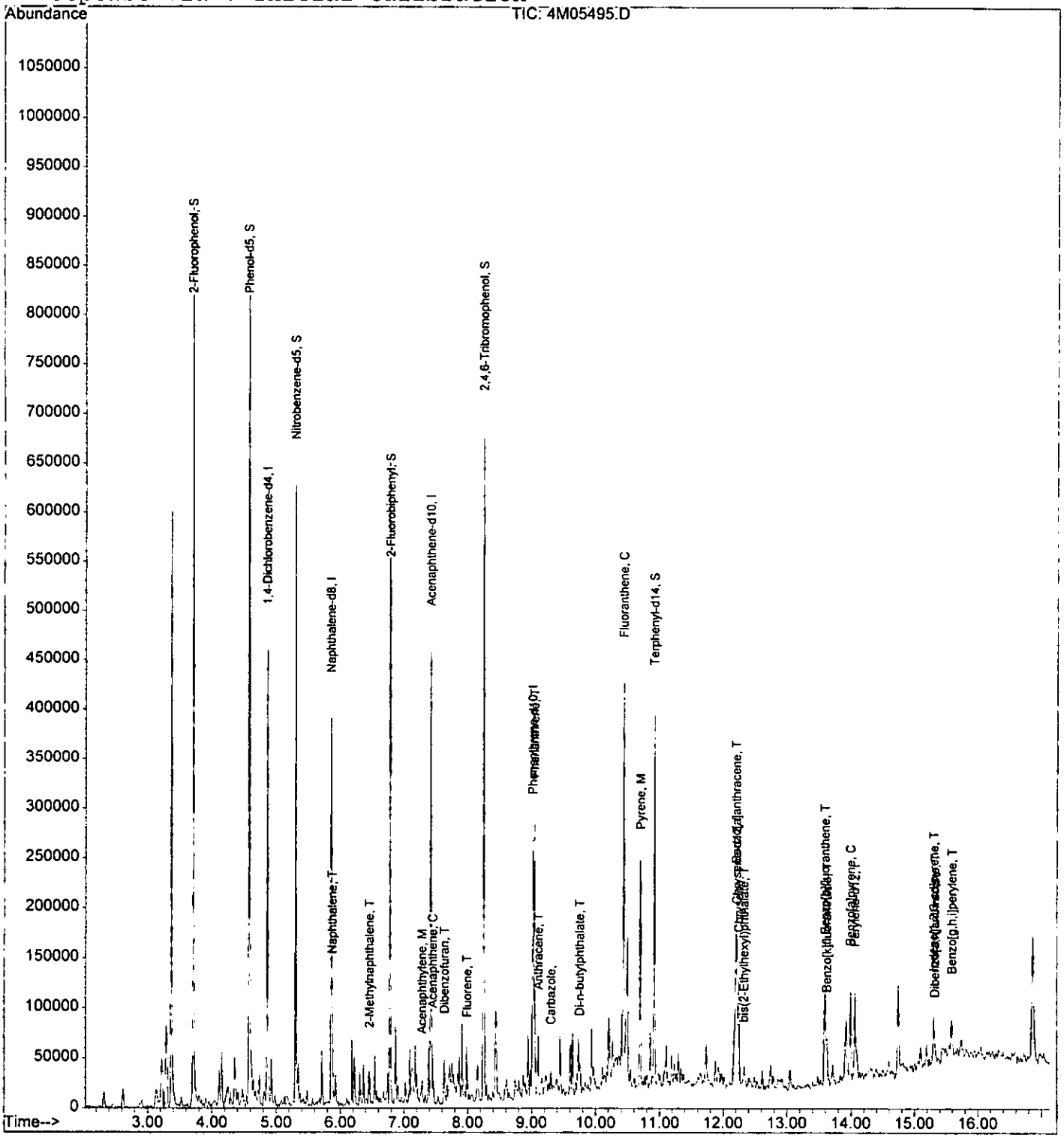
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
87)	Dibenzo[a,h]anthracene	15.32	278	9687	9.13	ng	86
88)	Benzo[g,h,i]perylene	15.59	276	26471	23.76	ng	90

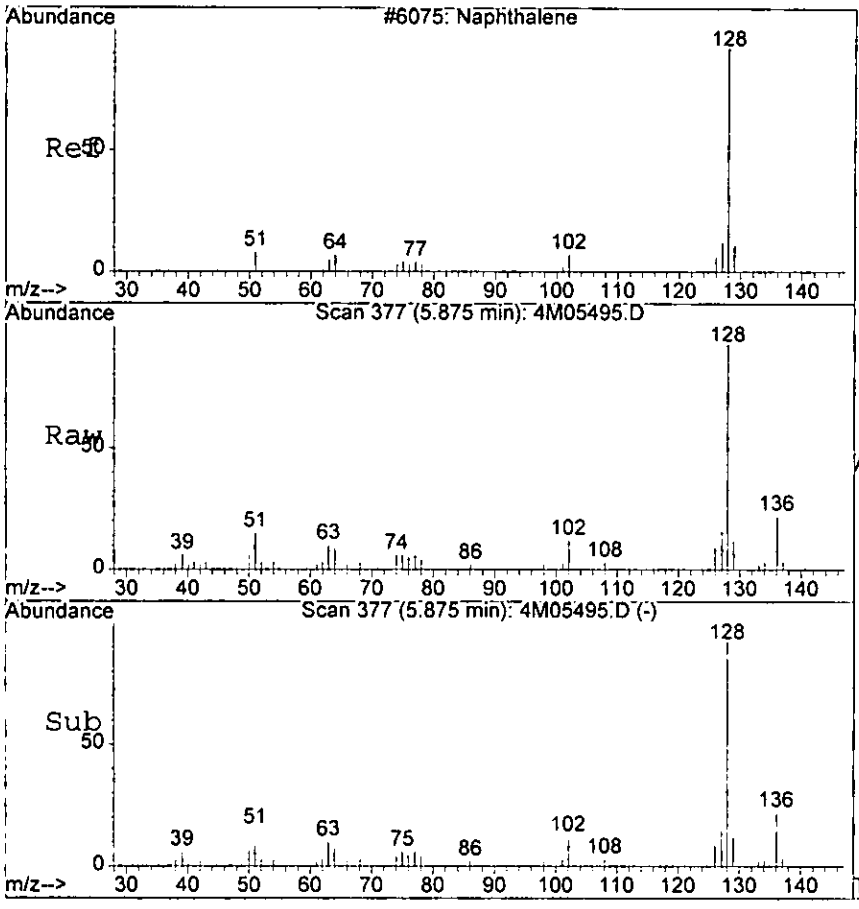
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05495.D Vial: 29
Acq On : 10 Aug 2005 13:20 Operator: AHD
Sample : AC18873-019 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration

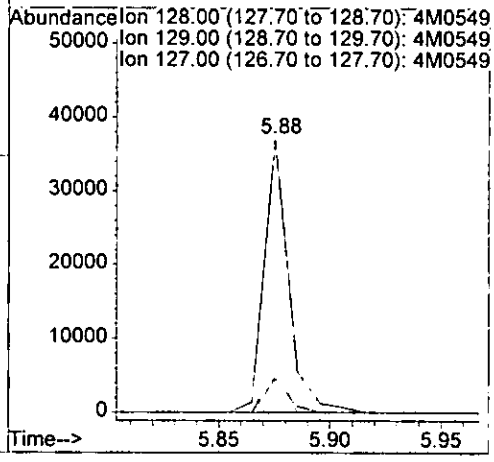


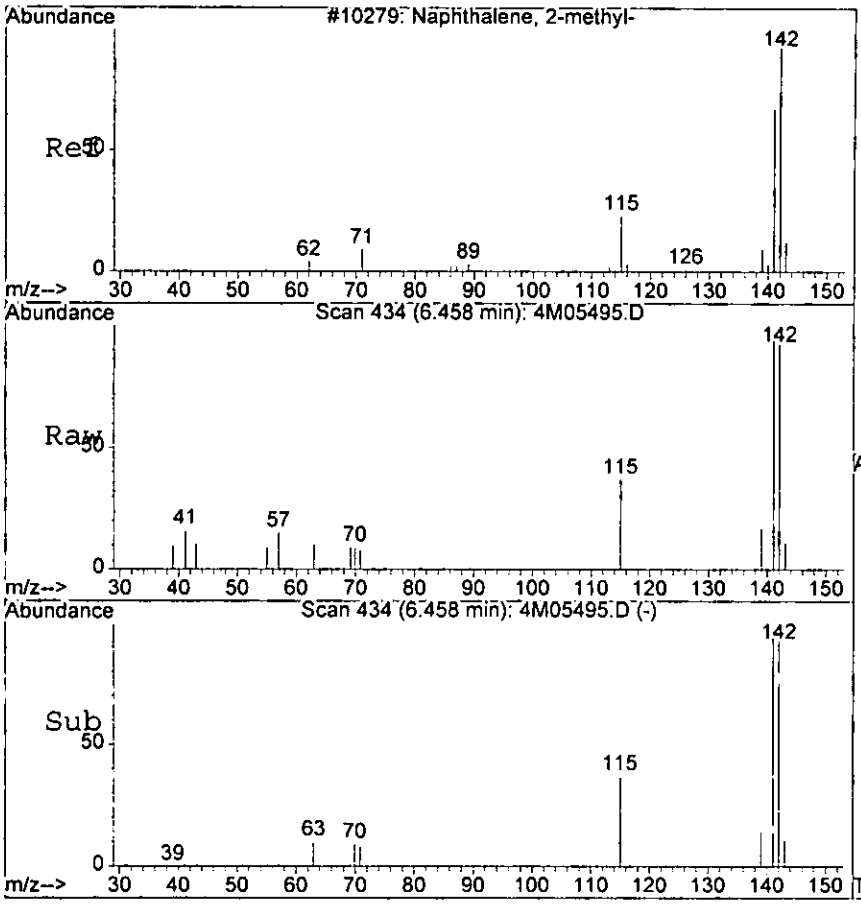


#29
Naphthalene
Concen: 7.12 ng
RT: 5.88 min Scan# 377
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:128 Resp: 28139

Ion	Ratio	Lower	Upper
128	100		
129	12.4	0.0	51.8
127	16.3	0.0	57.0

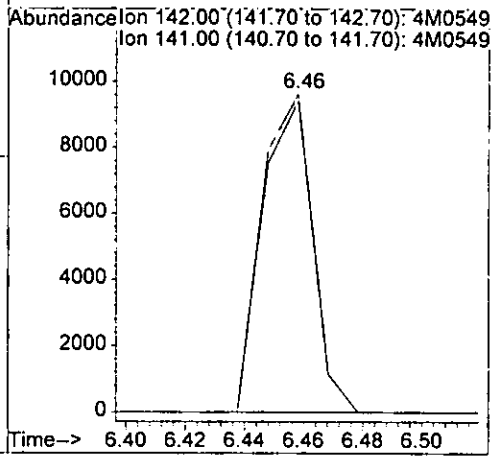




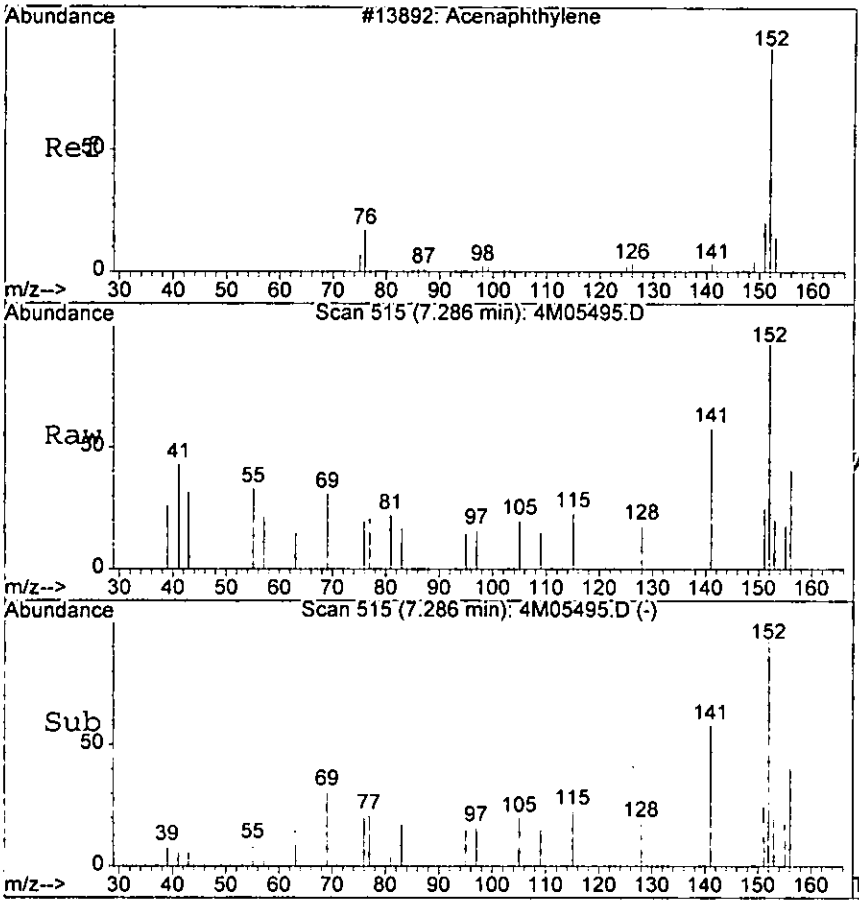
#33
2-Methylnaphthalene
Concen: 4.51 ng
RT: 6.46 min Scan# 434
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:142 Resp: 11464

Ion	Ratio	Lower	Upper
142	100		
141	97.8	55.7	135.7



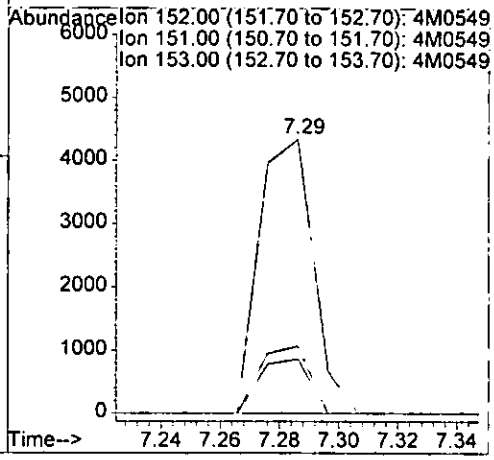
1-8-05

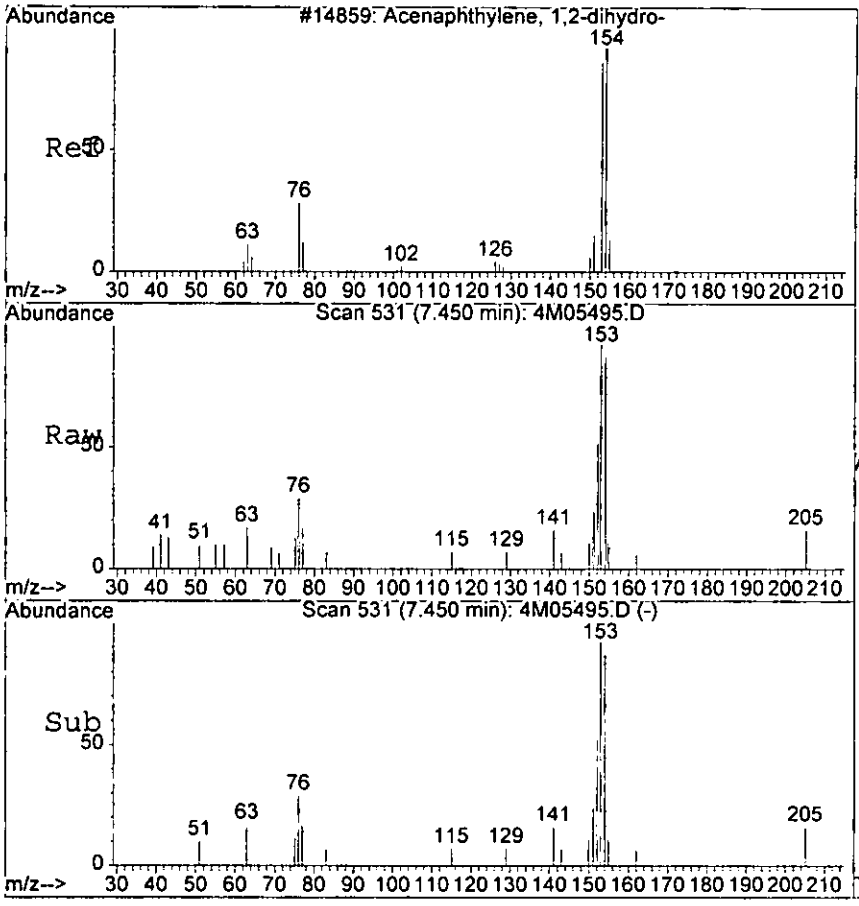


#46
Acenaphthylene
Concen: 1.50 ng
RT: 7.29 min Scan# 515
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:152 Resp: 5502

Ion	Ratio	Lower	Upper
152	100		
151	24.7	0.0	63.6
153	19.9	0.0	53.8



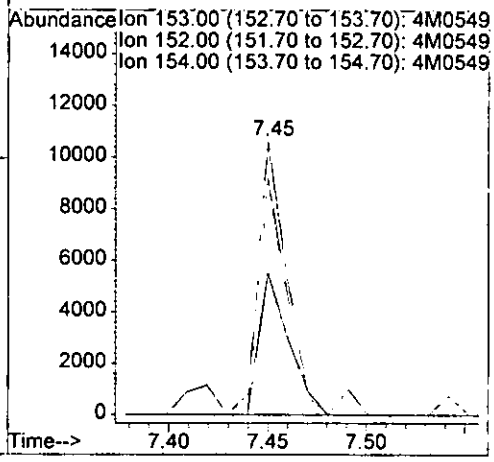


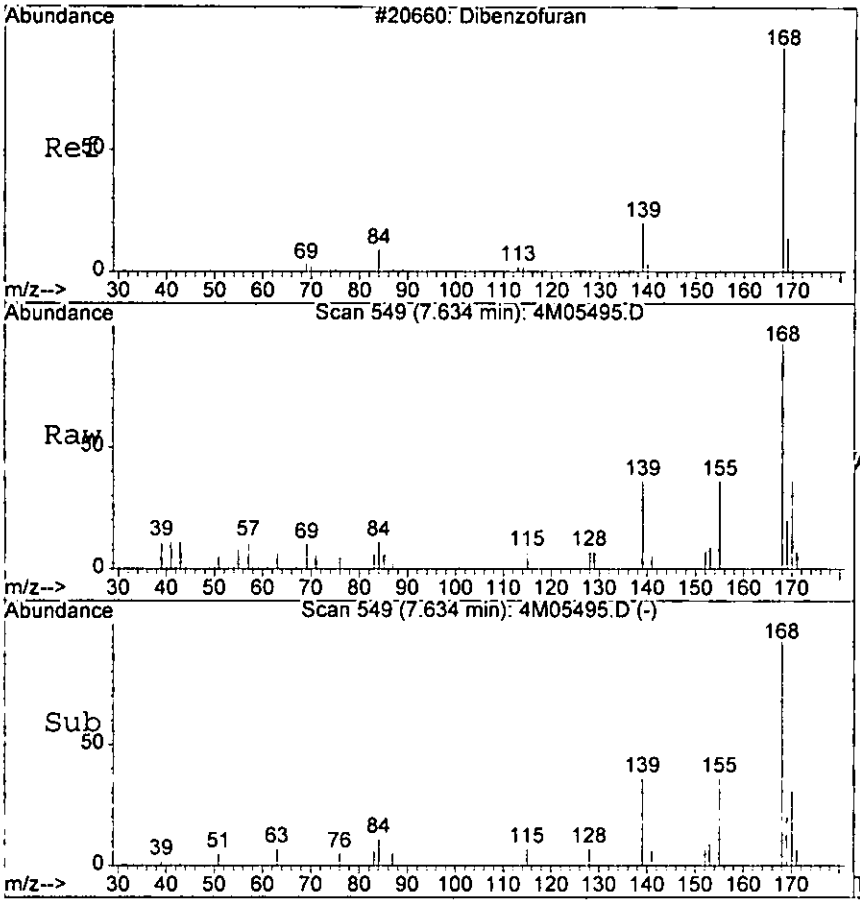
#49
Acenaphthene
Concen: 4.75 ng
RT: 7.45 min Scan# 531
Delta R.T. -0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

8896

Tgt Ion:153 Resp: 11336

Ion	Ratio	Lower	Upper
153	100		
152	52.1	8.3	88.3
154	86.8	45.1	125.1



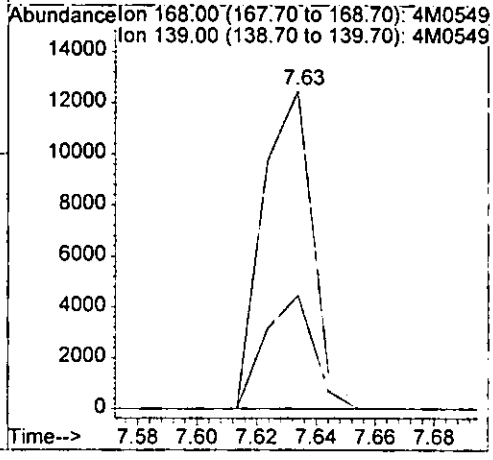


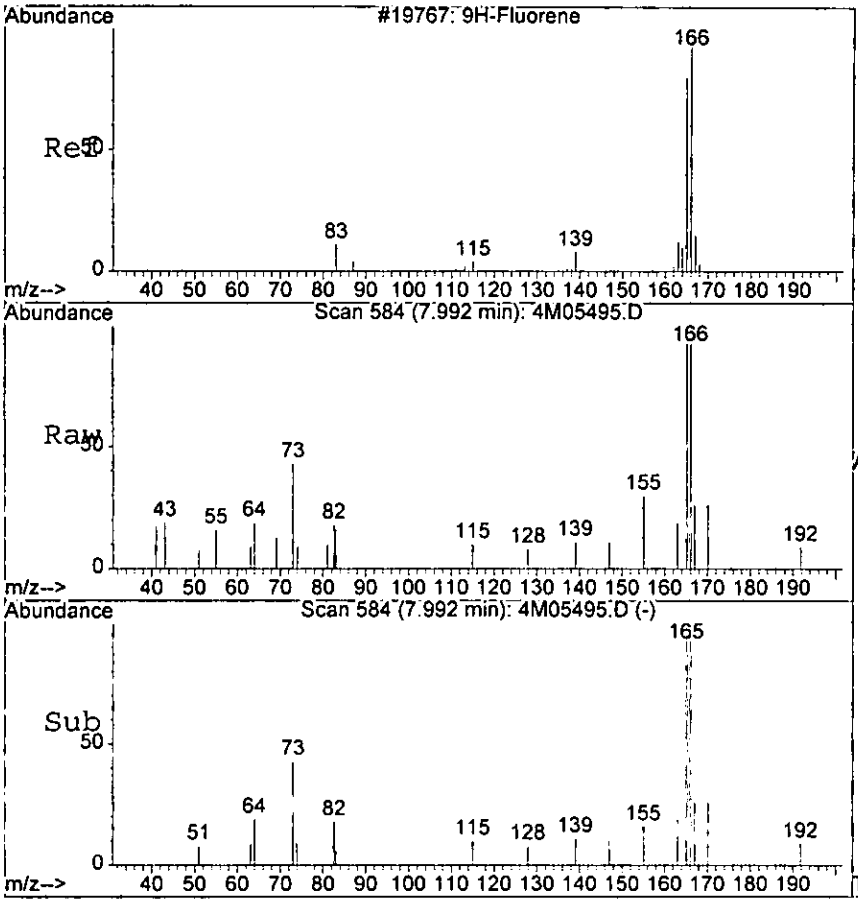
#52
Dibenzofuran
Concen: 4.97 ng
RT: 7.63 min Scan# 549
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

6899

Tgt Ion:168 Resp: 14495

Ion	Ratio	Lower	Upper
168	100		
139	35.7	6.0	66.0

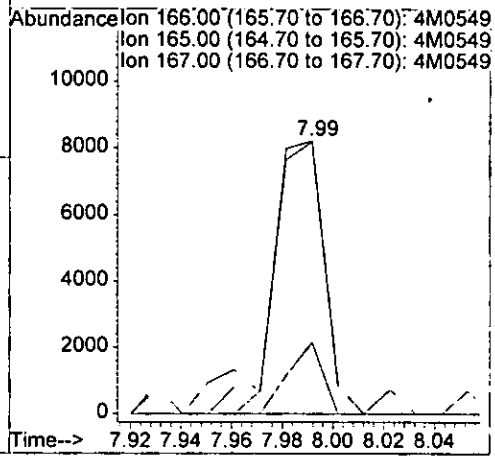


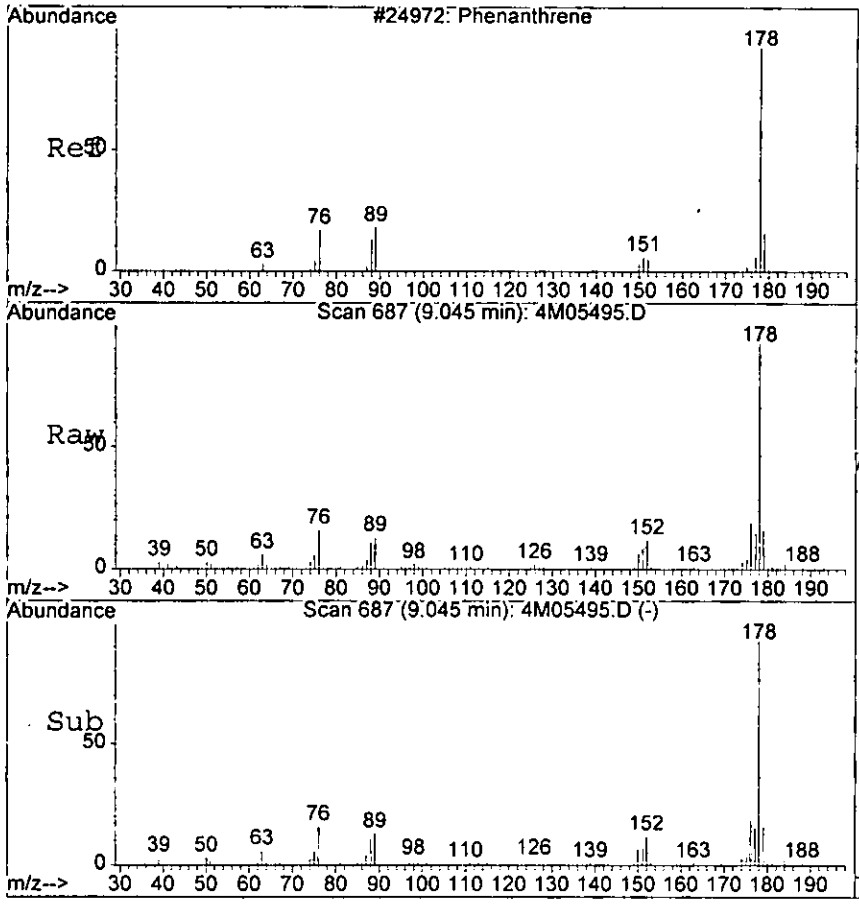


#55
Fluorene
Concen: 4.76 ng
RT: 7.99 min Scan# 584
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:166 Resp: 10650

Ion	Ratio	Lower	Upper
166	100		
165	91.4	63.3	143.3
167	26.3	0.0	54.6

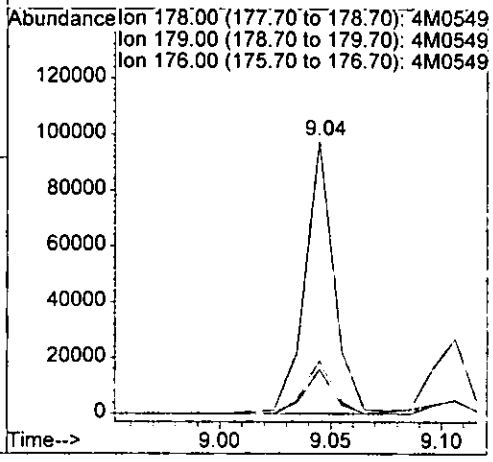




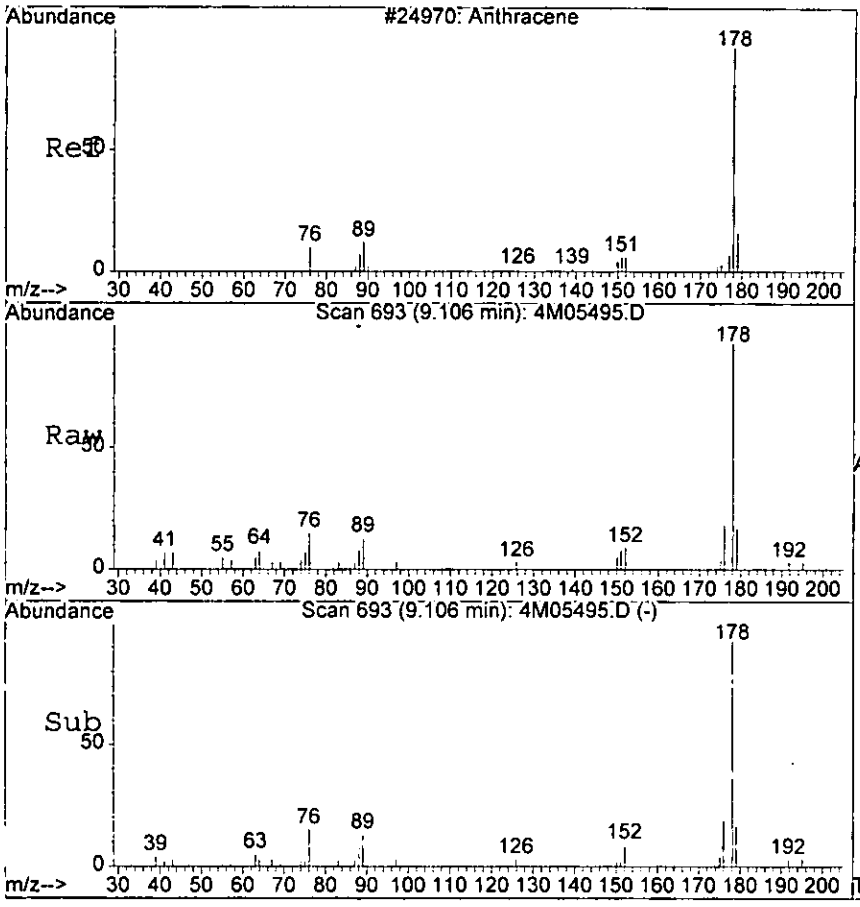
#67
Phenanthrene
Concen: 34.88 ng
RT: 9.04 min Scan# 687
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:178 Resp: 89495

Ion	Ratio	Lower	Upper
178	100		
179	16.1	0.0	56.6
176	19.4	0.0	60.5



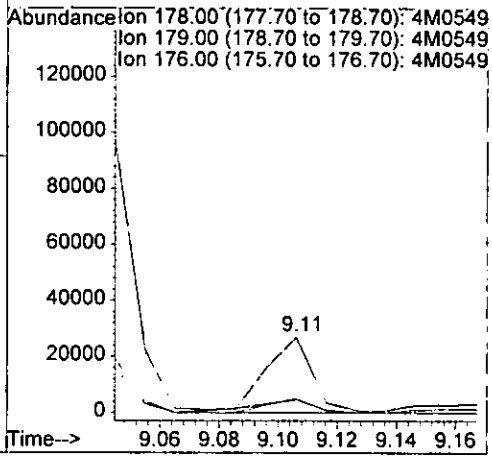
Lab

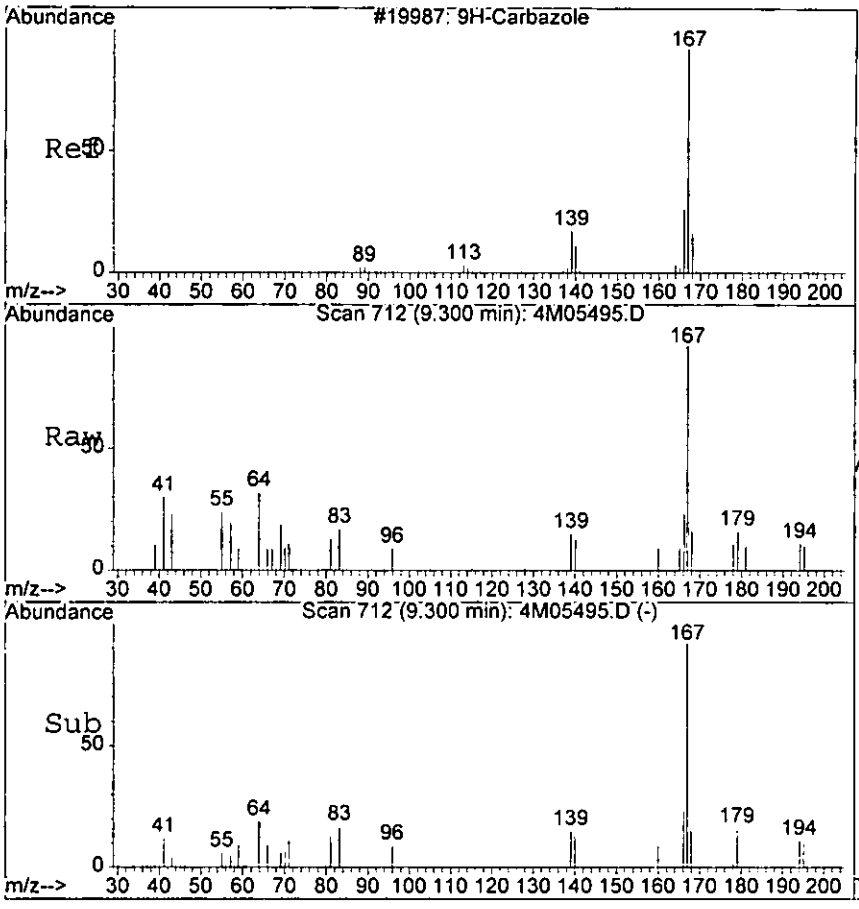


#68
Anthracene
Concen: 11.61 ng
RT: 9.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:178 Resp: 29677

Ion	Ratio	Lower	Upper
178	100		
179	14.5	0.0	56.6
176	18.5	0.0	60.2

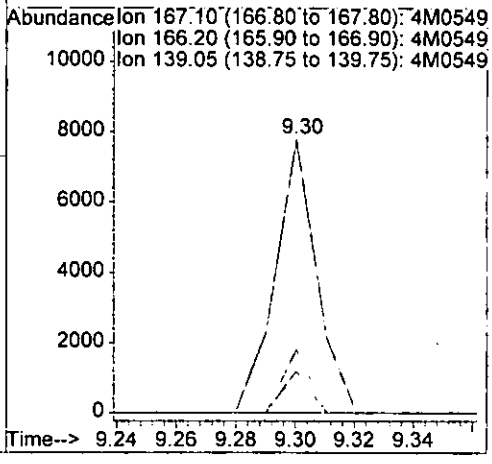




#69
Carbazole
Concen: 3.48 ng
RT: 9.30 min Scan# 712
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

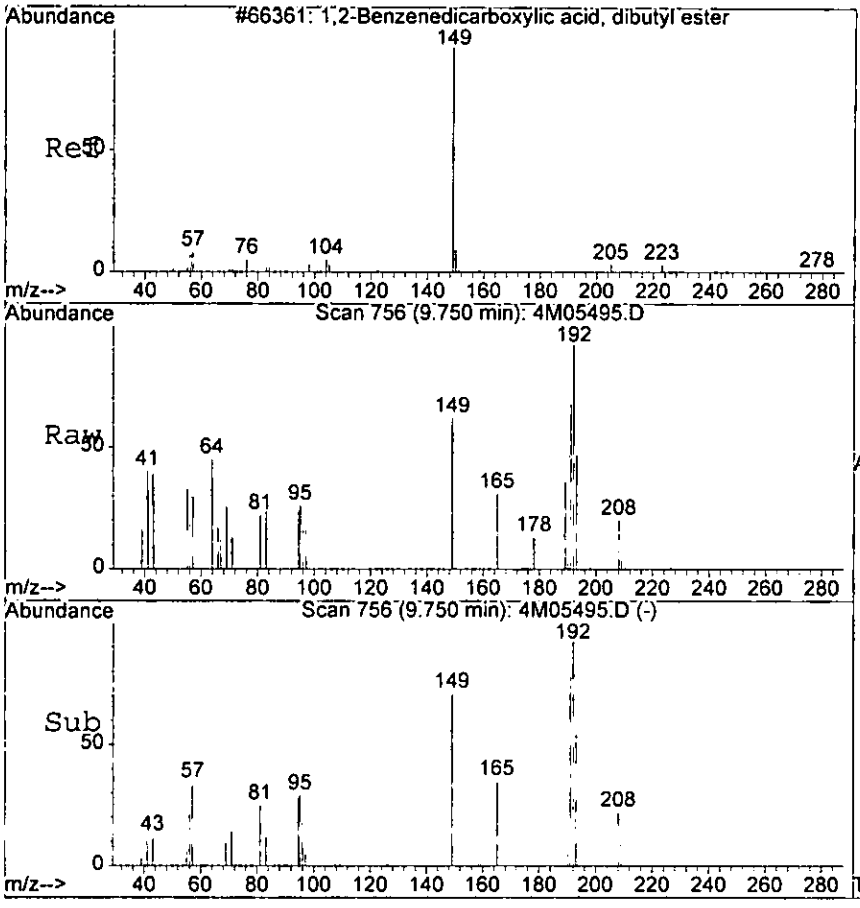
Tgt Ion:167 Resp: 7506

Ion	Ratio	Lower	Upper
167	100		
166	23.3	4.9	44.9
139	15.2	0.0	33.9



0593

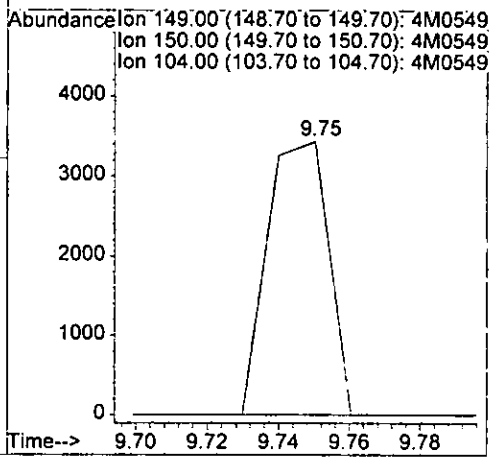
1995

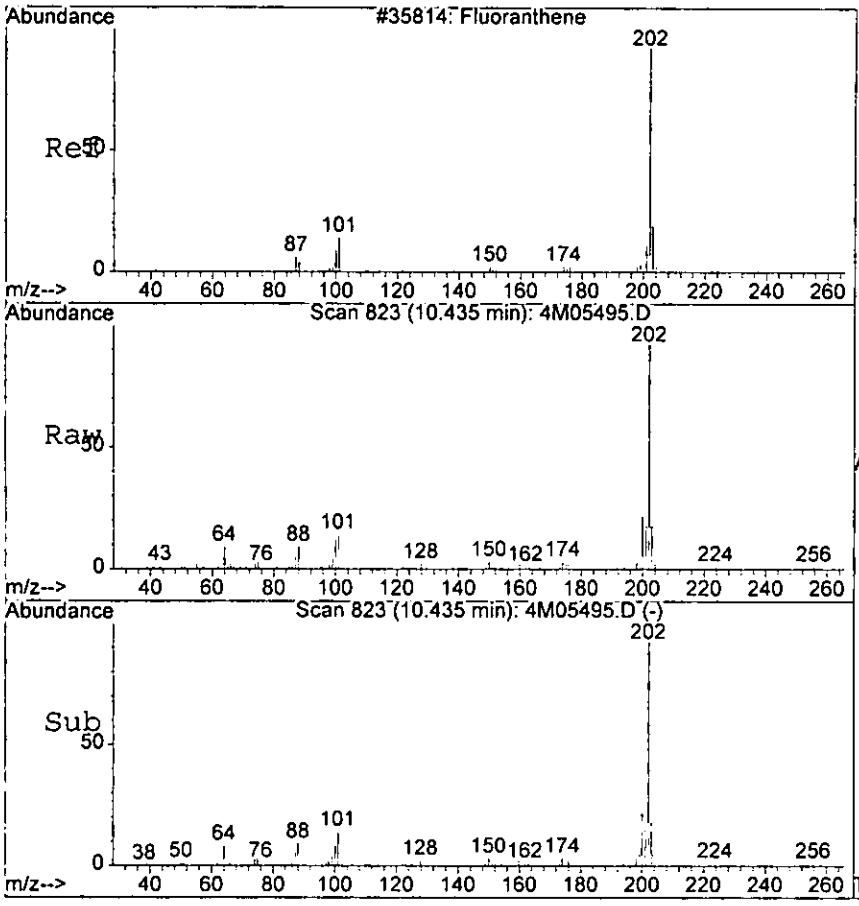


#70
Di-n-butylphthalate
Concen: 1.03 ng
RT: 9.75 min Scan# 756
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:149 Resp: 4104

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	49.8
104	0.0	0.0	44.6

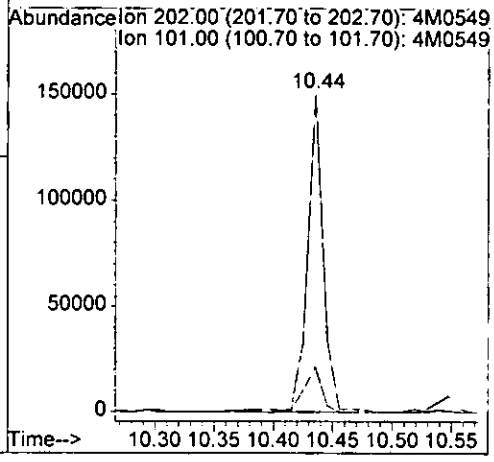


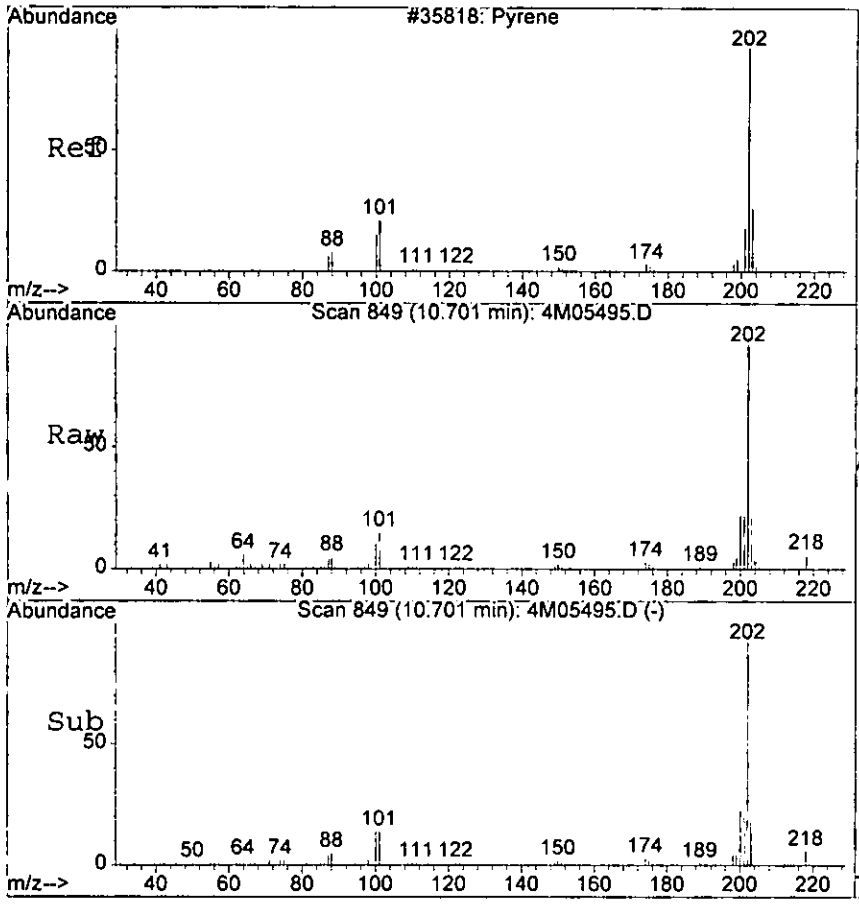


#71
Fluoranthene
Concen: 61.33 ng
RT: 10.44 min Scan# 823
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:202 Resp: 138572

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	58.3

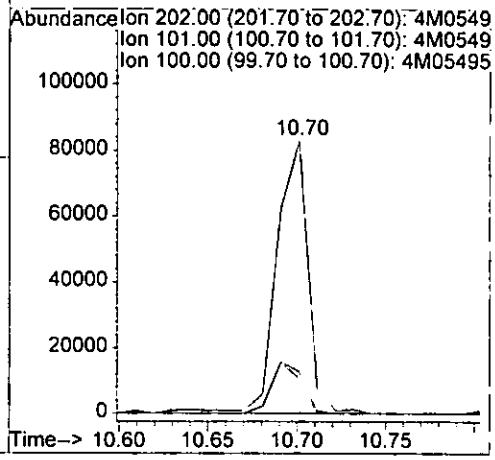


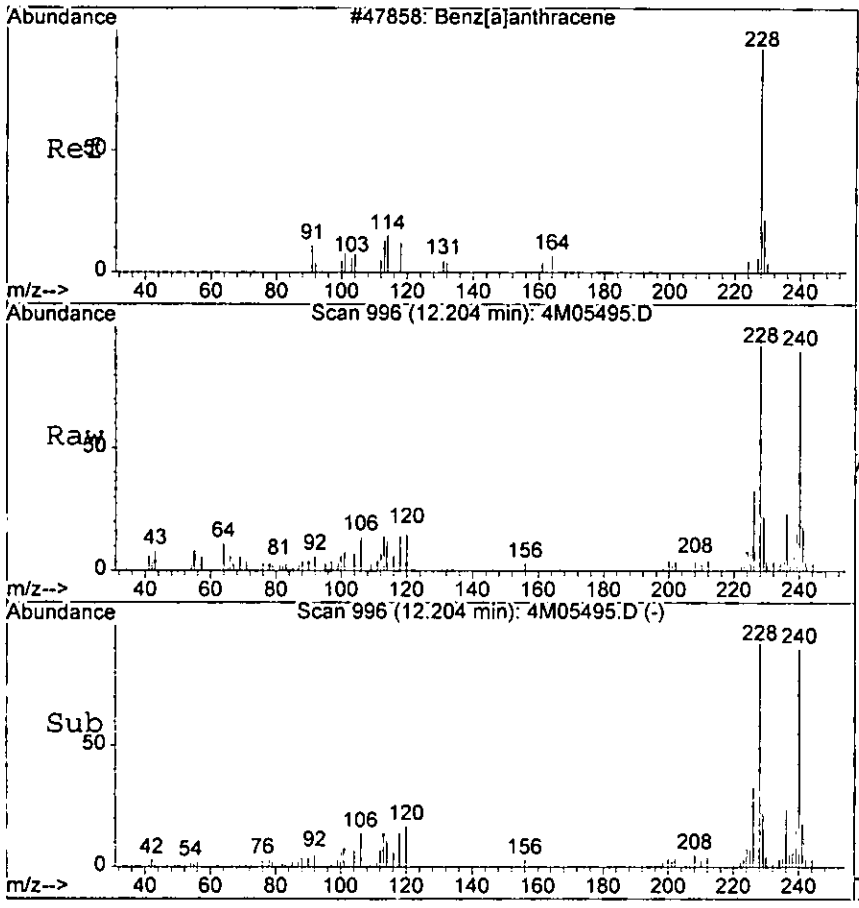


#73
Pyrene
Concen: 50.39 ng
RT: 10.70 min Scan# 849
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:202 Resp: 99564

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	62.7
100	13.0	0.0	60.5

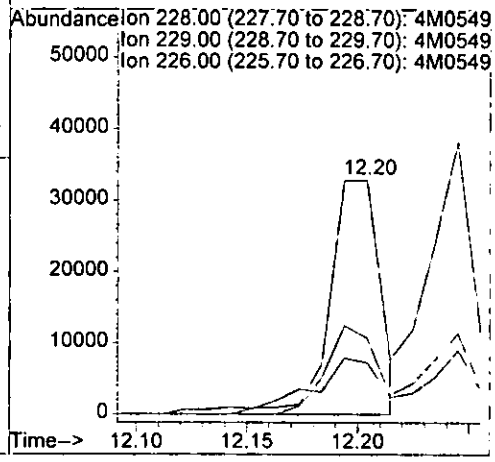


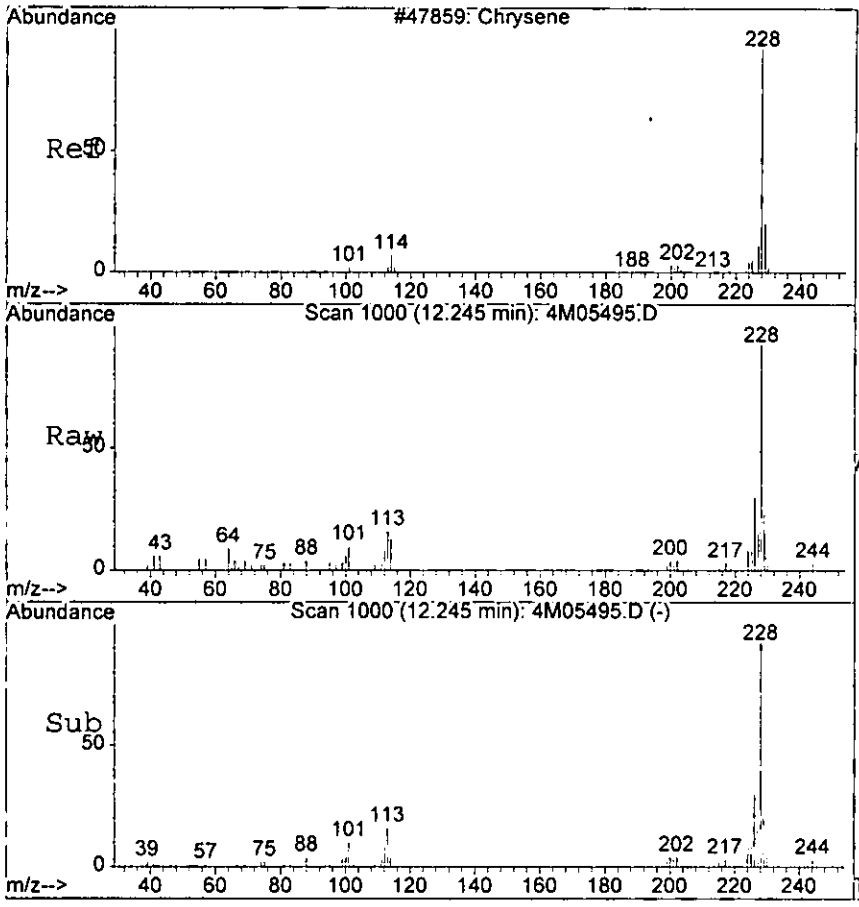


#78
Benzo[a]anthracene
Concen: 32.23 ng
RT: 12.20 min Scan# 996
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:228 Resp: 51152

Ion	Ratio	Lower	Upper
228	100		
229	20.2	0.0	60.5
226	32.7	0.0	69.0



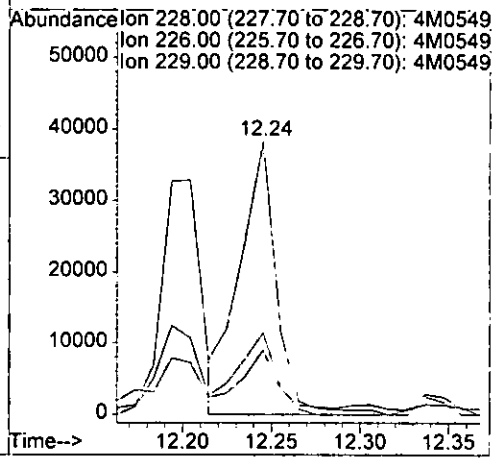


#79
Chrysene
Concen: 39.54 ng
RT: 12.24 min Scan# 1000
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

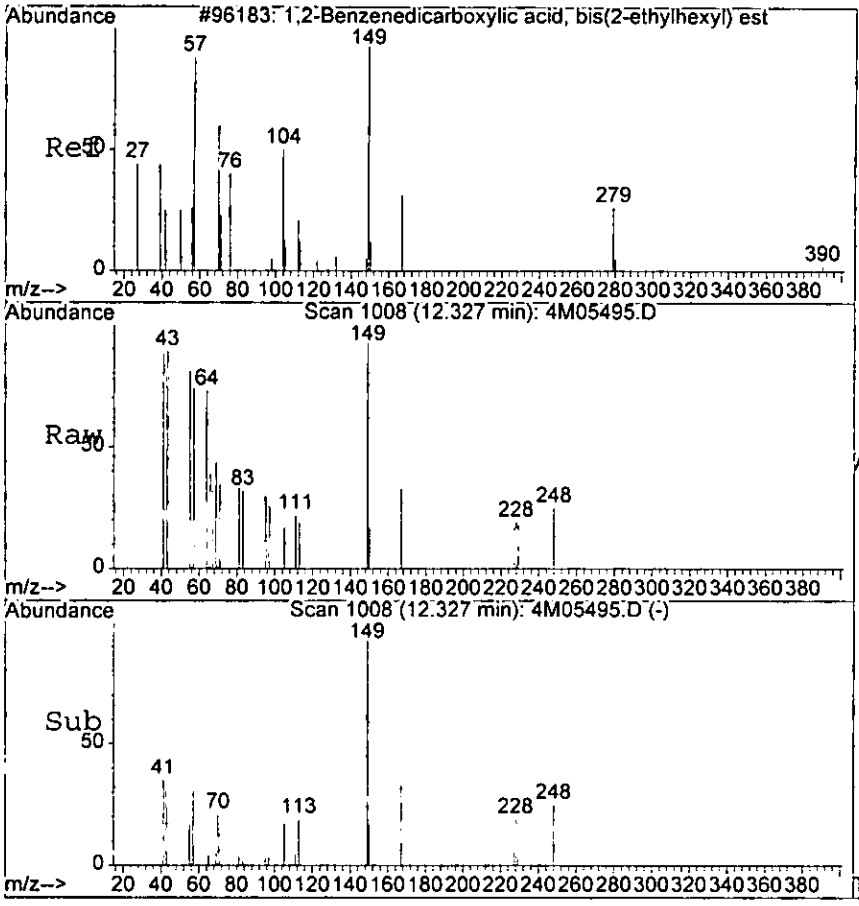
3598

Tgt Ion:228 Resp: 55628

Ion	Ratio	Lower	Upper
228	100		
226	29.8	12.0	52.0
229	21.4	0.0	61.1



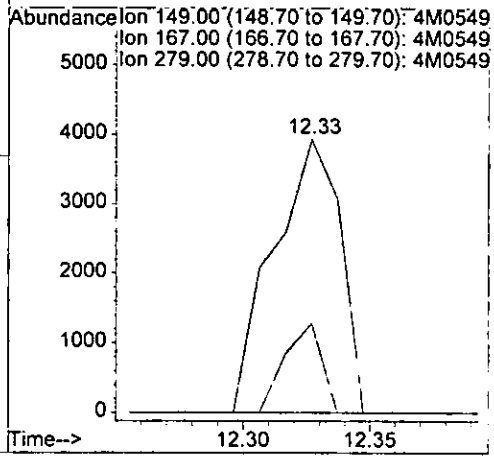
8/10/05

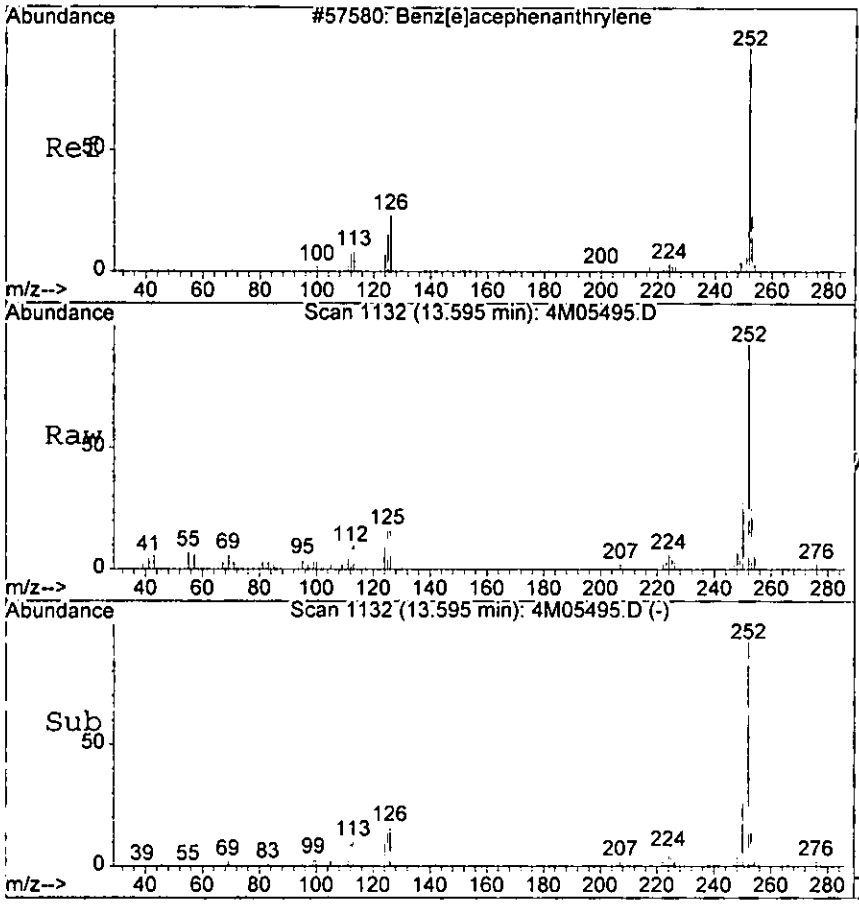


#80
bis(2-Ethylhexyl)phthalate
Concen: 4.57 ng
RT: 12.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:149 Resp: 7156

Ion	Ratio	Lower	Upper
149	100		
167	32.6	0.0	53.9
279	0.0	0.0	43.5

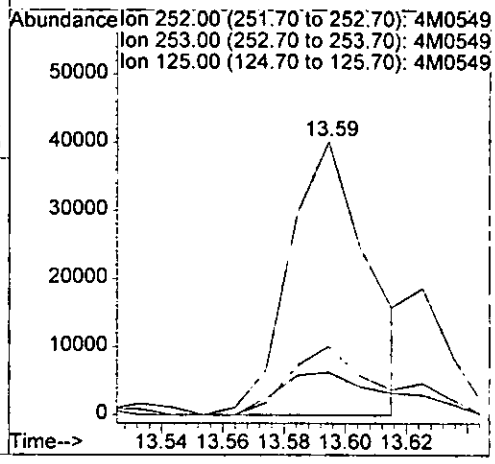


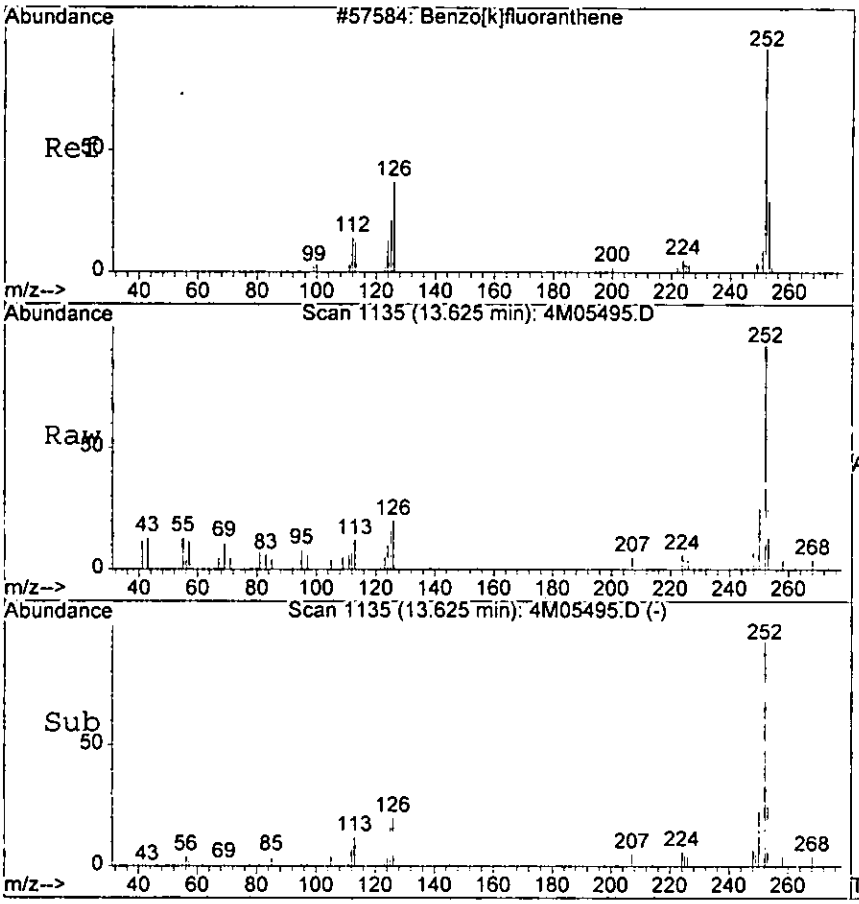


#83
Benzo[b]fluoranthene
Concen: 53.96 ng m
RT: 13.59 min Scan# 1132
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:252 Resp: 72292

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	63.3
125	15.7	0.0	57.6

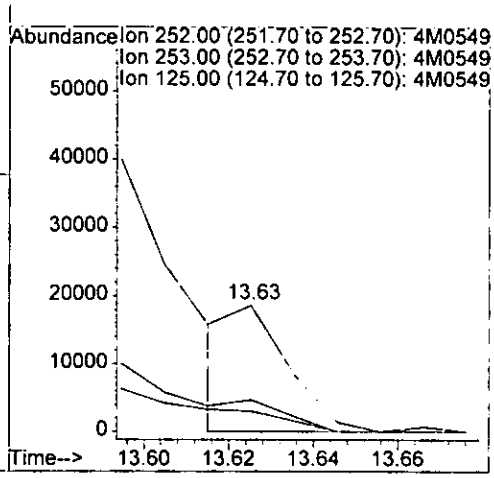




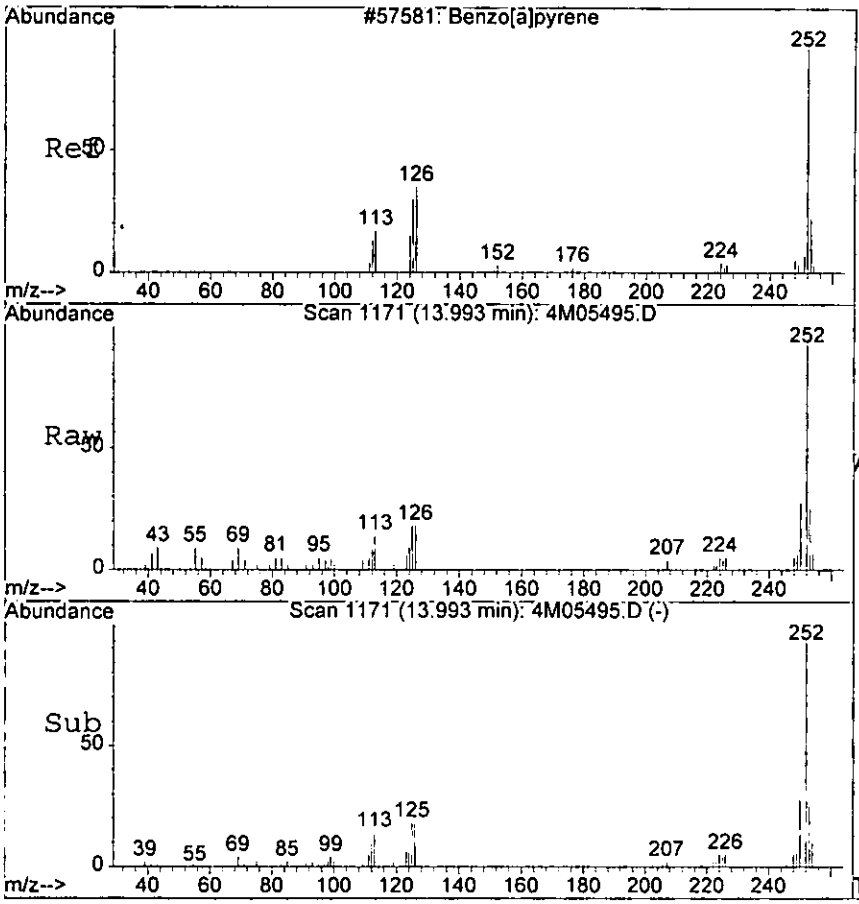
#84
Benzo[k]fluoranthene
Concen: 14.18 ng m
RT: 13.63 min Scan# 1135
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:252 Resp: 17368

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	63.5
125	16.2	0.0	53.8



0781

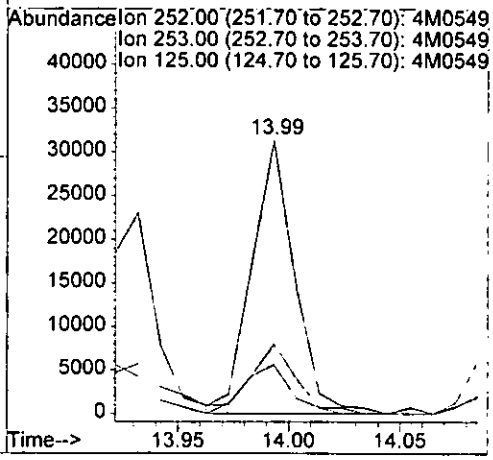


#85
Benzo[a]pyrene
Concen: 35.66 ng
RT: 13.99 min Scan# 1171
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

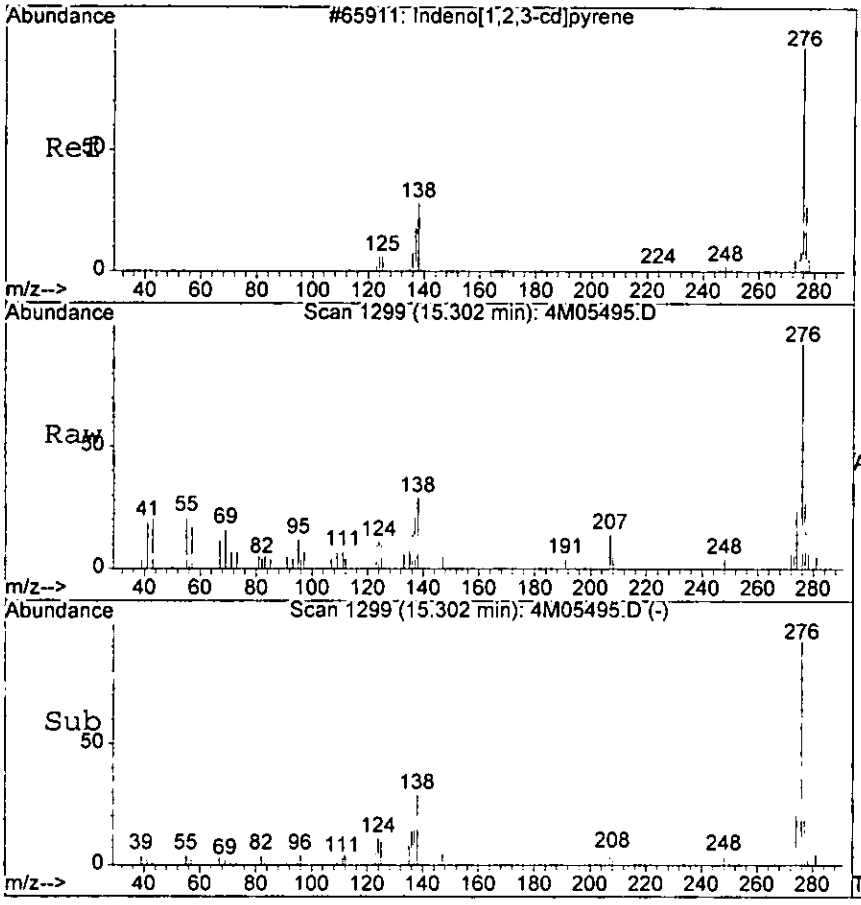
8702

Tgt Ion:252 Resp: 42073

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	62.9
125	17.8	0.0	57.6



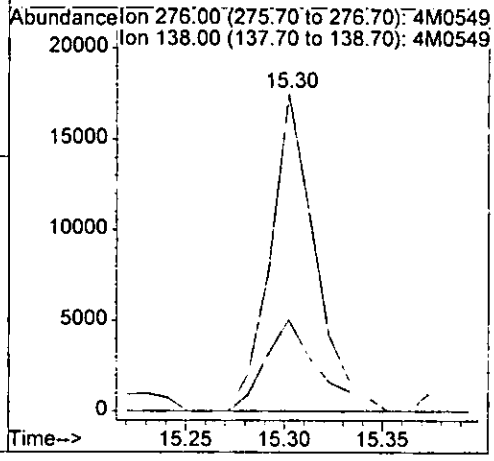
8/05

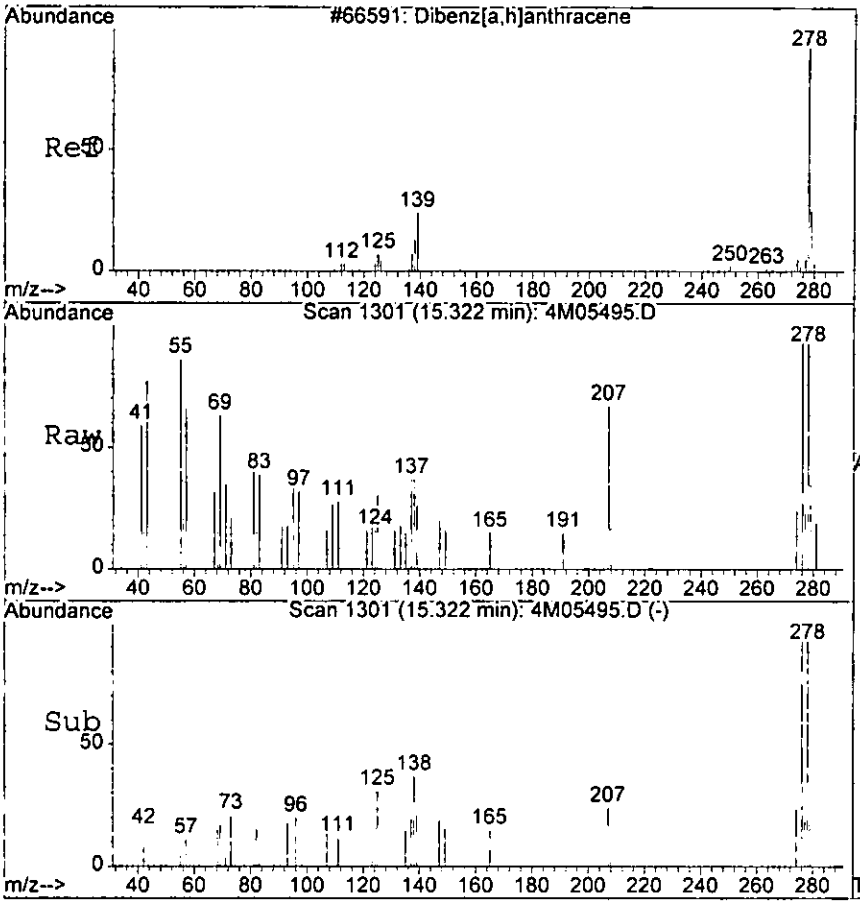


#86
Indeno[1,2,3-cd]pyrene
Concen: 20.88 ng
RT: 15.30 min Scan# 1299
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:276 Resp: 27775

Ion	Ratio	Lower	Upper
276	100		
138	28.9	0.0	73.4

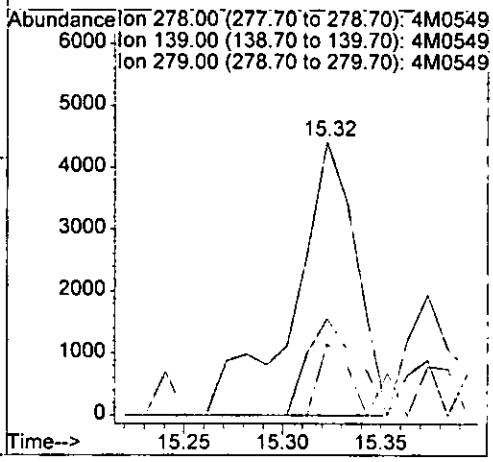


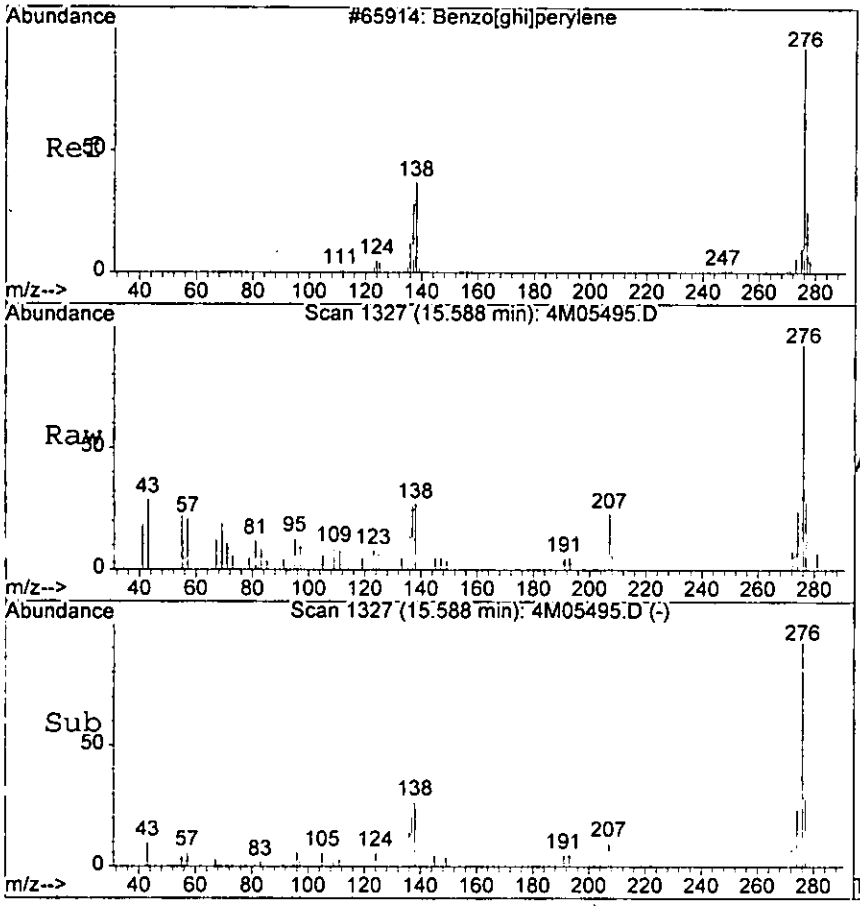


#87
Dibenzo[a,h]anthracene
Concen: 9.13 ng
RT: 15.32 min Scan# 1301
Delta R.T. 0.01 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:278 Resp: 9687

Ion	Ratio	Lower	Upper
278	100		
139	26.0	0.0	63.8
279	35.2	0.0	64.0

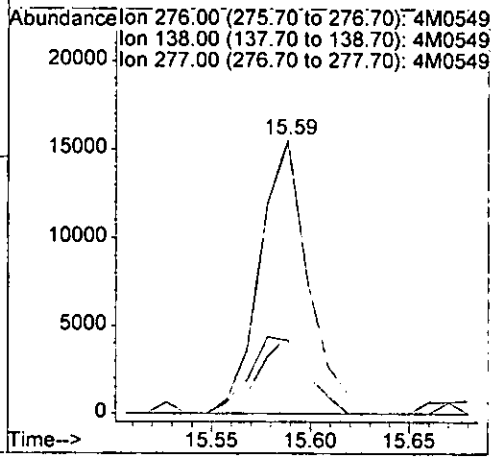




#88
Benzo[g,h,i]perylene
Concen: 23.76 ng
RT: 15.59 min Scan# 1327
Delta R.T. 0.02 min
Lab File: 4M05495.D
Acq: 10 Aug 2005 13:20

Tgt Ion:276 Resp: 26471

Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	74.1
277	28.5	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

9878

Sample Number: AC18873-020
Client Id: PCSB-52(15.5')
Data File: 6M03644.D
Analysis Date: 08/09/05 20:45
Date Rec/Extracted: 08/02/05-08/09/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 55

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.022	U	205-99-2	Benzo[b]fluoranthene	0.031	U
95-50-1	1,2-Dichlorobenzene	0.027	U	191-24-2	Benzo[g,h,i]perylene	0.022	U
122-66-7	1,2-Diphenylhydrazine	0.011	U	207-08-9	Benzo[k]fluoranthene	0.028	U
541-73-1	1,3-Dichlorobenzene	0.024	U	111-91-1	bis(2-Chloroethoxy)methan	0.018	U
106-46-7	1,4-Dichlorobenzene	0.019	U	111-44-4	bis(2-Chloroethyl)ether	0.024	U
95-95-4	2,4,5-Trichlorophenol	0.082	U	108-60-1	bis(2-chloroisopropyl)ether	0.018	U
88-06-2	2,4,6-Trichlorophenol	0.10	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.016	U
120-83-2	2,4-Dichlorophenol	0.074	U	85-68-7	Butylbenzylphthalate	0.025	U
105-67-9	2,4-Dimethylphenol	0.071	U	86-74-8	Carbazole	0.021	U
51-28-5	2,4-Dinitrophenol	0.060	U	218-01-9	Chrysene	0.011	U
121-14-2	2,4-Dinitrotoluene	0.031	U	**84-74-2**	**Di-n-butylphthalate**	**0.014**	**0.079 B**
606-20-2	2,6-Dinitrotoluene	0.020	U	117-84-0	Di-n-octylphthalate	0.014	U
91-58-7	2-Chloronaphthalene	0.026	U	53-70-3	Dibenzo[a,h]anthracene	0.031	U
95-57-8	2-Chlorophenol	0.041	U	132-64-9	Dibenzofuran	0.11	U
91-57-6	2-Methylnaphthalene	0.062	U	84-66-2	Diethylphthalate	0.014	U
95-48-7	2-Methylphenol	0.14	U	131-11-3	Dimethylphthalate	0.031	U
88-74-4	2-Nitroaniline	0.092	U	206-44-0	Fluoranthene	0.022	U
88-75-5	2-Nitrophenol	0.081	U	86-73-7	Fluorene	0.013	U
106-44-5	3&4-Methylphenol	0.16	U	118-74-1	Hexachlorobenzene	0.034	U
91-94-1	3,3'-Dichlorobenzidine	0.26	U	87-68-3	Hexachlorobutadiene	0.021	U
99-09-2	3-Nitroaniline	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.38	U
534-52-1	4,6-Dinitro-2-methylphenol	0.075	U	67-72-1	Hexachloroethane	0.031	U
101-55-3	4-Bromophenyl-phenylether	0.030	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.044	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	78-59-1	Isophorone	0.014	U
106-47-8	4-Chloroaniline	0.42	U	621-64-7	N-Nitroso-di-n-propylamine	0.034	U
7005-72-3	4-Chlorophenyl-phenylether	0.023	U	62-75-9	N-Nitrosodimethylamine	0.39	U
100-01-6	4-Nitroaniline	0.15	U	86-30-6	n-Nitrosodiphenylamine	0.022	U
100-02-7	4-Nitrophenol	0.069	U	91-20-3	Naphthalene	0.012	U
83-32-9	Acenaphthene	0.022	U	98-95-3	Nitrobenzene	0.050	U
208-96-8	Acenaphthylene	0.012	U	87-86-5	Pentachlorophenol	0.058	U
120-12-7	Anthracene	0.015	U	85-01-8	Phenanthrene	0.014	U
92-87-5	Benzidine	0.035	U	108-95-2	Phenol	0.060	U
56-55-3	Benzo[a]anthracene	0.025	U	129-00-0	Pyrene	0.010	U
50-32-8	Benzo[a]pyrene	0.027	U				

Worksheet #: 18319

Total Target Concentration 0.079

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03644.D Vial: 27
Acq On : 9 Aug 2005 20:45 Operator: AHD
Sample : AC18873-020 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	51778	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	173146	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	94340	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	131146	40.00	ng	0.00
74) Chrysene-d12	11.78	240	44843	40.00	ng	0.00
83) Perylene-d12	13.63	264	23901	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	280144	184.75	ng	0.00
Spiked Amount 200.000			Recovery =	92.38%		
8) Phenol-d5	4.20	99	390249	192.78	ng	0.00
Spiked Amount 200.000			Recovery =	96.39%		
21) Nitrobenzene-d5	4.90	128	84515	96.74	ng	0.00
Spiked Amount 100.000			Recovery =	96.74%		
41) 2-Fluorobiphenyl	6.35	172	272542	92.30	ng	0.00
Spiked Amount 100.000			Recovery =	92.30%		
64) 2,4,6-Tribromophenol	7.82	332	38235	149.97	ng	0.00
Spiked Amount 200.000			Recovery =	74.99%		
77) Terphenyl-d14	10.49	244	132045	112.14	ng	0.00
Spiked Amount 100.000			Recovery =	112.14%		
Target Compounds						Qvalue
72) Di-n-butylphthalate	9.31	149	6008	1.31	ng	94

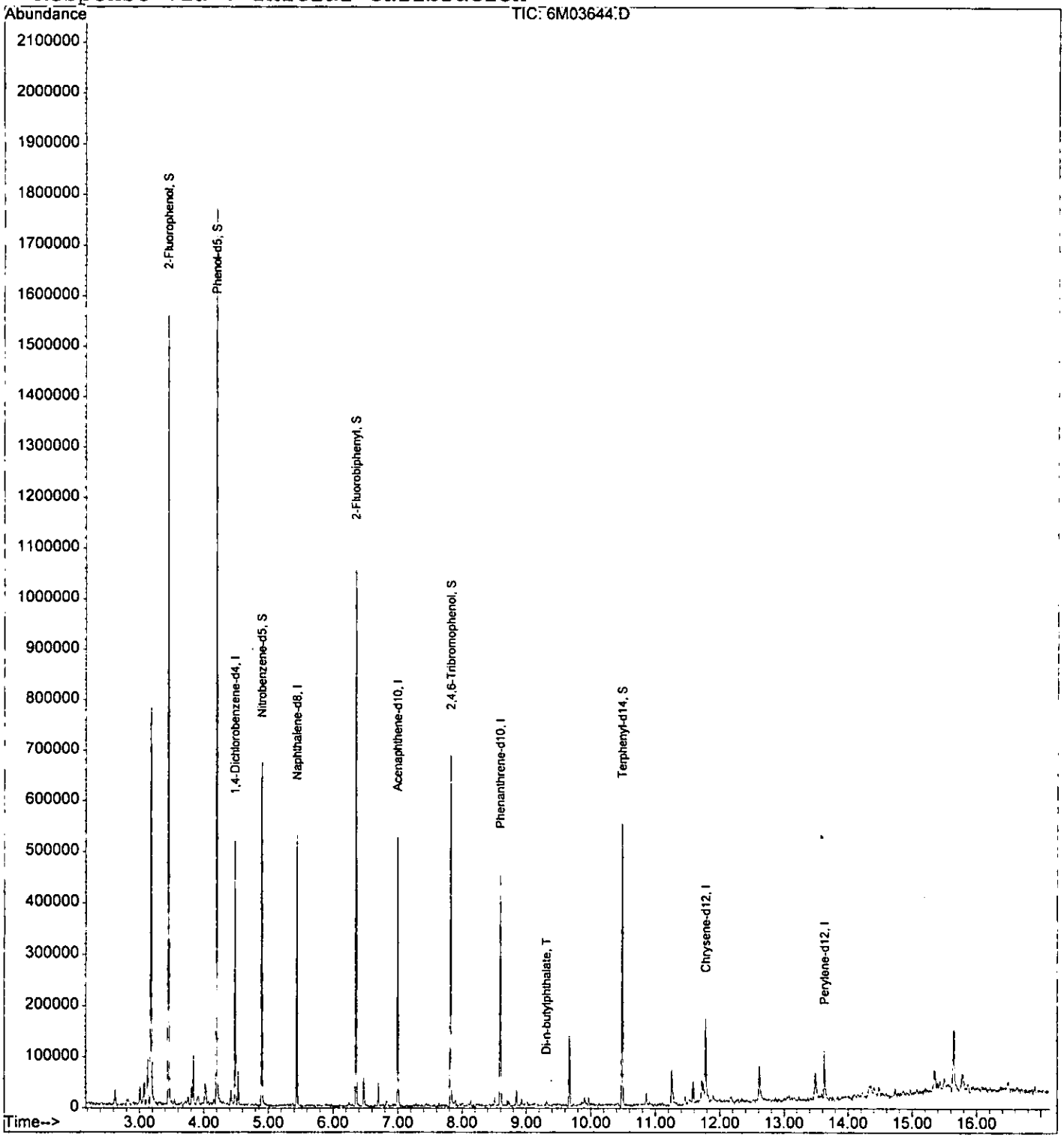
8/10/05

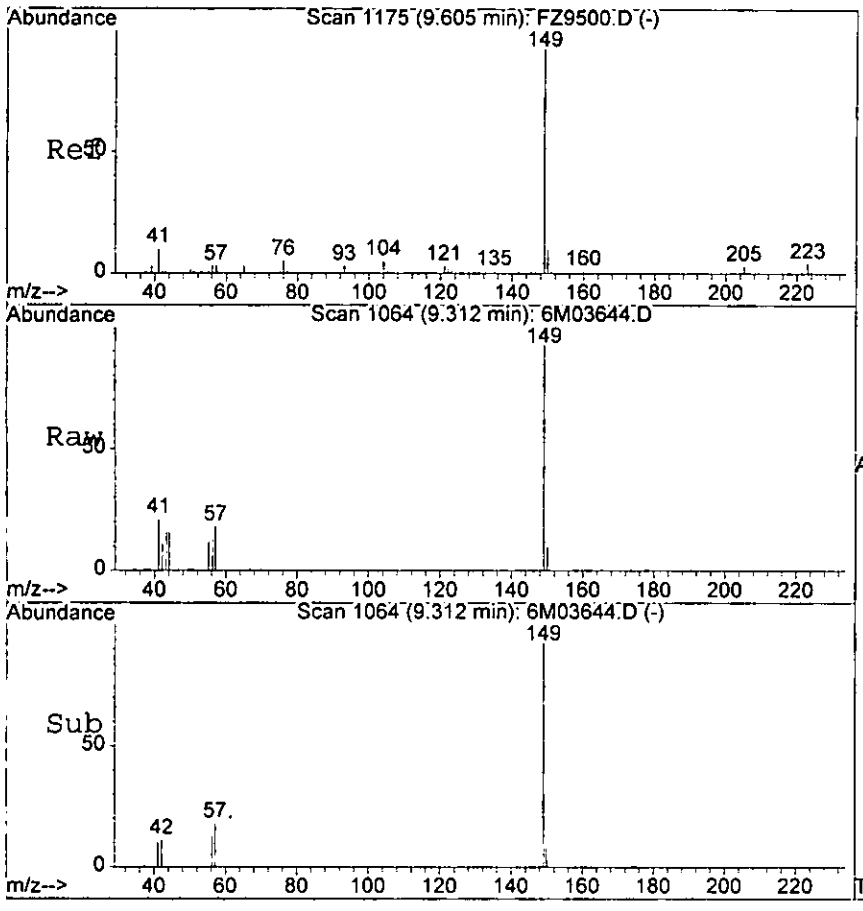
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03644.D Vial: 27
Acq On : 9 Aug 2005 20:45 Operator: AHD
Sample : AC18873-020 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:46 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration

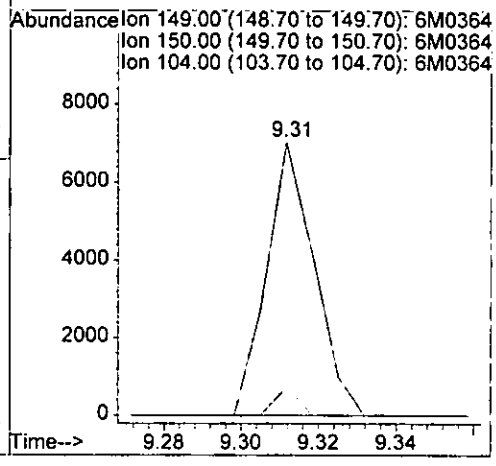




#72
Di-n-butylphthalate
Concen: 1.31 ng
RT: 9.31 min Scan# 1064
Delta R.T. 0.00 min
Lab File: 6M03644.D
Acq: 9 Aug 2005 20:45

Tgt Ion:149 Resp: 6008

Ion	Ratio	Lower	Upper
149	100		
150	10.1	0.0	49.7
104	0.0	0.0	45.0



GC/MS Semi-Volatile Data
Standards Data

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M09385.	CAL BNA@50PPM	07/22/05 08:30	2	5M09386.	CAL BNA@10PPM	07/22/05 08:53
3	5M09387.	CAL BNA@25PPM	07/22/05 09:16	4	5M09388.	CAL BNA@80PPM	07/22/05 09:39
5	5M09389.	CAL BNA@120PPM	07/22/05 10:01	6	5M09390.	CAL BNA@160PPM	07/22/05 10:24
7	5M09391.	CAL BNA@200PPM	07/22/05 10:47				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.7252	1.2155	1.6827	1.7546	1.9072	1.8343	1.5559	-----	1.67	2.15	0.978	0.992	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9455	0.7245	0.9849	1.0945	1.1201	1.1588	1.0726	-----	1.01	2.11	0.996	0.997	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1893	1.0478	1.2732	1.3274	1.5006	1.5457	1.5464	-----	1.35	3.96	0.997	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.9803	1.9185	2.0865	2.1582	2.4883	2.6917	2.5047	-----	2.26	4.97	0.993	0.993	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.4916	0.4690	0.4987	0.4925	0.5178	0.5177	0.4644	-----	0.493	5.00	0.992	0.996	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3116	1.2350	1.4171	1.3575	1.5499	1.5768	1.4591	-----	1.42	5.04	0.994	0.994	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.6220	-----	1.6696	1.8455	2.1650	2.2735	2.2440	-----	1.97	4.95	0.996	0.997	15	50.00		25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.8156	1.7035	1.8669	1.9887	2.3302	2.4944	2.4166	-----	2.09	4.97	0.994	0.996	15*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4235	1.3299	1.5219	1.4938	1.7157	1.8173	1.7913	-----	1.58	5.07	0.996	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.4446	1.4391	1.5785	1.4228	1.4925	1.5458	1.3411	-----	1.47	5.20	0.989	0.992	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.4711	1.4137	1.5504	1.5111	1.5560	1.5744	1.4273	-----	1.50	5.27	0.994	0.997	4.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4226	1.3612	1.5070	1.4302	1.4660	1.4652	1.3619	-----	1.43	5.39	0.997	0.998	3.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9222	0.8112	0.9695	1.0458	1.1429	1.2136	1.2207	-----	1.05	5.39	0.997	0.999	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.9803	1.8890	2.1896	2.1266	2.3319	2.3615	2.1704	-----	2.15	5.51	0.994	0.995	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2799	1.1538	1.3615	1.3951	1.6121	1.6834	1.6431	-----	1.45	5.48	0.996	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6135	0.6030	0.6703	0.6108	0.6493	0.6310	0.5787	-----	0.622	5.67	0.994	0.997	4.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	0.9853	0.9472	1.1005	1.1085	1.2493	1.3115	1.2827	-----	1.14	5.61	0.996	0.997	13**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.3675	1.2501	1.4394	1.4801	1.6767	1.7771	1.7779	-----	1.54	5.62	0.996	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1737	0.1530	0.1789	0.1732	0.1851	0.1903	0.1714	-----	0.175	5.72	0.993	0.995	6.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.3780	0.3645	0.4013	0.4015	0.4052	0.4262	0.3728	-----	0.393	5.74	0.990	0.993	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.6954	0.6582	0.7255	0.7103	0.7941	0.7988	0.7357	-----	0.731	5.94	0.994	0.995	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2061	0.1805	0.1977	0.1978	0.2182	0.2159	0.1948	-----	0.202	5.99	0.992	0.995	6.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.3770	0.3491	0.3750	0.3817	0.4091	0.4166	0.3754	-----	0.383	6.03	0.993	0.995	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1808	-----	0.1054	0.2068	0.2678	0.2785	0.2812	-----	0.220	6.17	0.997	0.997	32	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4110	0.3976	0.4232	0.4173	0.4448	0.4302	0.4042	-----	0.418	6.11	0.996	0.998	3.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3160	0.2658	0.3177	0.3230	0.3431	0.3410	0.3313	-----	0.320	6.18	0.999	0.999	8.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3300	0.3386	0.3440	0.3124	0.3319	0.3311	0.3065	-----	0.328	6.24	0.996	0.997	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.0296	1.0095	1.0856	1.0296	1.1210	1.0680	0.9937	-----	1.05	6.30	0.994	0.997	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4209	0.3745	0.4323	0.4130	0.4347	0.4310	0.3582	-----	0.409	6.34	0.977	0.990	7.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1889	0.1859	0.1990	0.1801	0.1793	0.1753	0.1565	-----	0.181	6.39	0.990	0.998	7.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3209	0.3022	0.3321	0.3392	0.3955	0.3955	0.3862	-----	0.353	6.71	0.997	0.997	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6924	0.6688	0.7402	0.7097	0.7710	0.7375	0.7478	-----	0.724	6.81	0.999	0.999	4.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.6924	0.6688	0.7402	0.7097	0.7710	0.7375	0.7478	-----	0.724	6.81	0.999	0.999	4.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5666	0.5353	0.6081	0.5530	0.5144	0.5373	0.4662	-----	0.540	6.94	0.988	0.995	8.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.3611	0.2746	0.3552	0.3502	0.3339	0.3544	0.2991	-----	0.333	6.93	0.983	0.992	10**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3870	0.3349	0.4140	0.3954	0.3964	0.4111	0.3863	-----	0.389	7.03	0.998	0.998	6.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4238	0.3668	0.4253	0.4209	0.4366	0.4529	0.4376	-----	0.423	7.05	0.999	0.999	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2922	1.2166	1.3408	1.2426	1.2263	1.2934	1.1401	-----	1.25	7.09	0.996	0.995	5.2	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1195	1.0930	1.2273	1.1299	1.1668	1.1329	1.0452	-----	1.13	7.19	0.994	0.998	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8689	0.8162	0.9348	0.8341	0.8629	0.8822	0.8237	-----	0.860	7.45	0.997	0.998	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.8689	0.8162	0.9348	0.8341	0.8629	0.8822	0.8237	-----	0.860	7.45	0.997	0.998	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7322	0.7436	0.8139	0.7290	0.7372	0.7825	0.6904	-----	0.747	7.26	0.992	0.993	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.15
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M09385.	CAL BNA@50PPM	07/22/05 08:30	2	5M09386.	CAL BNA@10PPM	07/22/05 08:53
3	5M09387.	CAL BNA@25PPM	07/22/05 09:16	4	5M09388.	CAL BNA@80PPM	07/22/05 09:39
5	5M09389.	CAL BNA@120PPM	07/22/05 10:01	6	5M09390.	CAL BNA@160PPM	07/22/05 10:24
7	5M09391.	CAL BNA@200PPM	07/22/05 10:47				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.4013	0.3776	0.4331	0.4236	0.4639	0.4860	0.4285	----	0.431	7.27	0.990	0.991	8.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	1.7778	1.6890	1.9367	1.7807	1.7919	1.8233	1.7037	----	1.79	7.52	0.997	0.998	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.2536	1.1786	1.3408	1.3195	1.3747	1.3894	1.2785	----	1.31	7.42	0.995	0.997	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2948	0.2638	0.3103	0.2989	0.3166	0.3209	0.2986	----	0.301	7.47	0.997	0.997	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.0622	1.0722	1.1504	1.0968	1.1382	1.1682	1.0450	----	1.10	7.66	0.993	0.995	4.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3285	0.2743	0.3475	0.3401	0.3490	0.3456	0.3118	----	0.328	7.61	0.992	0.997	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1620	----	0.1043	0.1672	0.2149	0.2378	0.2232	----	0.185	7.69	0.991	0.991	27**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.5457	1.6264	1.6909	1.6071	1.6237	1.6498	1.5132	----	1.61	7.81	0.996	0.997	3.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4015	0.3640	0.4076	0.4235	0.4336	0.4570	0.4193	----	0.415	7.81	0.996	0.996	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.2477	0.1827	0.2262	0.2637	0.2933	0.3181	0.2967	----	0.261	7.74	0.995	0.995	18**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.3207	0.2777	0.3188	0.3308	0.3602	0.3668	0.3499	----	0.332	7.91	0.998	0.998	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.2218	1.2348	1.3410	1.3027	1.3118	1.3803	1.2770	----	1.30	8.12	0.998	0.997	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.5975	0.6207	0.6541	0.6275	0.6232	0.6623	0.6230	----	0.630	8.12	0.998	0.998	3.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.2321	1.2992	1.3854	1.3107	1.3902	1.4383	1.3064	----	1.34	8.02	0.994	0.995	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3403	0.3120	0.3711	0.3931	0.4085	0.4358	0.4036	----	0.381	8.15	0.995	0.995	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1492	----	0.1224	0.1464	0.1710	0.1681	0.1655	----	0.154	8.17	0.997	0.997	12	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5390	0.5420	0.6185	0.5212	0.5612	0.5542	0.5235	----	0.551	8.23	0.997	0.998	6.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0888	0.0784	0.0904	0.0848	0.0882	0.0868	0.0816	----	0.0856	8.34	0.997	0.999	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	0.8091	0.7591	0.8500	0.7542	0.8178	0.7963	0.7215	----	0.787	8.27	0.992	0.996	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2089	0.2021	0.2116	0.1982	0.1996	0.2096	0.2054	----	0.205	8.58	0.999	0.999	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1913	0.1975	0.2078	0.1855	0.1898	0.1975	0.1858	----	0.194	8.64	0.998	0.998	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1407	0.1309	0.1425	0.1415	0.1471	0.1504	0.1385	----	0.142	8.89	0.996	0.997	4.4	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1366	0.0673	0.1044	0.1341	0.1479	0.1518	0.1462	----	0.127	8.83	0.997	0.998	24*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.1677	1.1178	1.2049	1.1099	1.2213	1.1818	1.0715	----	1.15	9.05	0.992	0.995	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.1584	1.1327	1.2469	1.1462	1.1851	1.1980	1.1395	----	1.17	9.11	0.998	0.999	3.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.0407	1.0530	1.0865	1.0743	1.0942	1.1100	1.0339	----	1.07	9.28	0.997	0.998	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1570	0.1123	0.1454	0.1466	0.1672	0.1628	0.1566	----	0.150	9.56	0.997	0.997	12	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.2658	1.2245	1.3326	1.2783	1.3450	1.3357	1.2909	----	1.30	9.68	0.999	0.999	3.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1005	0.0862	0.1120	0.1022	0.1123	0.1067	0.1083	----	0.104	10.24	0.998	0.998	8.7	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.2433	1.1628	1.2676	1.2718	1.3305	1.2971	1.2299	----	1.26	10.35	0.997	0.999	4.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.6507	1.4680	1.6700	1.5347	1.6544	1.6822	1.5537	----	1.60	10.61	0.996	0.997	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.6701	0.6789	0.6516	0.5369	0.4977	0.5137	----	----	0.592	10.52	0.990	0.991	14	50.00	10.00	25.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	0.9500	0.8287	1.0070	0.9242	1.0269	0.9366	0.9411	----	0.945	10.81	0.996	0.997	6.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0777	0.0564	0.0848	0.0814	0.0847	0.0863	0.0804	----	0.0789	11.05	0.997	0.998	13	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.6868	0.5723	0.7295	0.7141	0.7654	0.7676	0.6993	----	0.705	11.42	0.994	0.996	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	0.7499	0.6549	0.7519	0.7474	0.7668	0.7638	0.7132	----	0.735	12.07	0.997	0.999	5.4	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.5773	0.4638	0.4653	0.4454	0.4444	0.4419	0.3849	----	0.460	12.01	0.980	0.992	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.4719	1.3345	1.4783	1.4668	1.5404	1.5464	1.4566	----	1.47	12.02	0.998	0.998	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.3714	1.2459	1.4006	1.3601	1.3953	1.3852	1.2842	----	1.35	12.07	0.996	0.998	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9724	0.8367	0.9902	0.9807	1.0382	1.0438	0.9574	----	0.974	12.13	0.995	0.997	7.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.1259	1.8395	2.2489	2.3188	2.3226	2.3190	2.1574	----	2.19	12.88	0.998	0.998	8.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	1.5336	1.3979	1.5751	1.6001	1.6111	1.6623	1.6751	----	1.58	13.23	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.15
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M09385.	CAL BNA@50PPM	07/22/05 08:30	2	5M09386.	CAL BNA@10PPM	07/22/05 08:53
3	5M09387.	CAL BNA@25PPM	07/22/05 09:16	4	5M09388.	CAL BNA@80PPM	07/22/05 09:39
5	5M09389.	CAL BNA@120PPM	07/22/05 10:01	6	5M09390.	CAL BNA@160PPM	07/22/05 10:24
7	5M09391.	CAL BNA@200PPM	07/22/05 10:47				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	1.6308	1.5111	1.6774	1.6597	1.6416	1.6263	1.4430	-----	1.60	13.26	0.990	0.997	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.4320	1.3432	1.5480	1.4982	1.5275	1.5820	1.4730	-----	1.49	13.57	0.997	0.998	5.4*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.5945	1.4162	1.7632	1.6166	1.6707	1.6107	1.5992	-----	1.61	14.69	0.999	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.3175	1.1697	1.4402	1.3822	1.3923	1.2996	1.3532	-----	1.34	14.72	0.998	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.2961	1.2704	1.5177	1.3809	1.3592	1.3154	1.2871	-----	1.35	14.99	0.998	0.999	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria * - ccc compound
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c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.15
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

0714

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09385.D Vial: 2
Acq On : 22 Jul 2005 8:30 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 12:11 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	23355	40.00	ng	-0.05
20) Naphthalene-d8	6.23	136	88320	40.00	ng	-0.05
36) Acenaphthene-d10	7.58	164	52347	40.00	ng	-0.06
61) Phenanthrene-d10	8.96	188	87328	40.00	ng	-0.06
77) Chrysene-d12	11.95	240	70907	40.00	ng	-0.08
88) Perylene-d12	13.54	264	56016	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	34720	44.14	ng	-0.06
Spiked Amount 200.000			Recovery = 22.07%			
8) Phenol-d5	4.90	99	47355	41.17	ng	-0.05
Spiked Amount 200.000			Recovery = 20.59%			
21) Nitrobenzene-d5	5.67	128	9591	24.80	ng	-0.05
Spiked Amount 100.000			Recovery = 24.80%			
41) 2-Fluorobiphenyl	7.04	172	42278	25.84	ng	-0.05
Spiked Amount 100.000			Recovery = 25.84%			
64) 2,4,6-Tribromophenol	8.28	330	9693	51.86	ng	-0.06
Spiked Amount 200.000			Recovery = 25.93%			
80) Terphenyl-d14	10.75	244	42105	25.14	ng	-0.06
Spiked Amount 100.000			Recovery = 25.14%			
Target Compounds						Qvalue
2) Pyridine	2.10	79	50366	51.72	ng	96
3) N-Nitrosodimethylamine	2.04	74	27605	46.60	ng	95
5) Aniline	4.91	93	57814	43.79	ng	89
6) Pentachloroethane	4.94	117	14353	49.85	ng	98
7) bis(2-Chloroethyl)ether	4.98	93	38291	46.34	ng	98
9) Phenol	4.91	94	53005	43.48	ng	60
10) 2-Chlorophenol	5.01	128	41560	44.91	ng	99
11) 1,3-Dichlorobenzene	5.14	146	42174	49.26	ng	99
12) 1,4-Dichlorobenzene	5.21	146	42947	49.02	ng	100
13) 1,2-Dichlorobenzene	5.34	146	41533	49.72	ng	99
14) Benzyl alcohol	5.33	108	26925	44.06	ng	99
15) bis(2-chloroisopropyl)ethe	5.45	45	57813	46.06	ng	95
16) 2-Methylphenol	5.44	108	37366	44.23	ng	98
17) Hexachloroethane	5.62	117	17912	49.29	ng	77
18) N-Nitroso-di-n-propylamine	5.56	70	28766	43.19	ng	94
19) 3&4-Methylphenol	5.56	108	39924	44.45	ng	99
22) Nitrobenzene	5.68	77	41731	48.11	ng	99
23) Isophorone	5.88	82	76782	47.56	ng	98
24) 2-Nitrophenol	5.94	139	22756	51.12	ng	96

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09385.D Vial: 2
Acq On : 22 Jul 2005 8:30 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 12:11 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	2,4-Dimethylphenol	5.99	107	41629	49.17	ng	99
26)	Benzoic Acid	6.07	105	19966	41.08	ng	98
27)	bis(2-Chloroethoxy)methane	6.06	93	45377	49.12	ng	97
28)	2,4-Dichlorophenol	6.13	162	34895	49.42	ng	98
29)	1,2,4-Trichlorobenzene	6.19	180	36438	50.34	ng	100
30)	Naphthalene	6.25	128	113670	49.11	ng	99
31)	4-Chloroaniline	6.30	127	46470	51.42	ng	98
32)	Hexachlorobutadiene	6.34	225	20863	52.27	ng	98
33)	4-Chloro-3-methylphenol	6.65	107	35428	45.44	ng	98
34)	2-Methylnaphthalene	6.77	142	76447	47.82	ng	99
35)	Methylnaphthalenes (Total)	6.77	142	76447	47.82	ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.89	216	37078	52.45	ng	98
38)	Hexachlorocyclopentadiene	6.88	237	23632	54.28	ng	99
39)	2,4,6-Trichlorophenol	6.97	196	25325	49.71	ng	98
40)	2,4,5-Trichlorophenol	7.00	196	27732	50.04	ng	98
42)	2-Chloronaphthalene	7.14	162	73257	49.51	ng	97
43)	1,4-Dimethylnaphthalene	7.40	156	56858	50.49	ng	97
44)	Dimethylnaphthalenes (Tota	7.40	156	56858	50.49	ng	97
45)	Diphenyl Ether	7.20	170	47916	49.01	ng	90
46)	2-Nitroaniline	7.22	65	26263	46.60	ng	87
47)	Acenaphthylene	7.46	152	116332	49.77	ng	99
48)	Dimethylphthalate	7.36	163	82030	48.03	ng	100
49)	2,6-Dinitrotoluene	7.41	165	19292	49.04	ng	99
50)	Acenaphthene	7.61	153	69508	48.08	ng	100
51)	3-Nitroaniline	7.55	138	21501	50.07	ng	100
52)	2,4-Dinitrophenol	7.63	184	10602	43.80	ng	90
53)	Dibenzofuran	7.75	168	101145	48.06	ng	99
54)	2,4-Dinitrotoluene	7.74	165	26272	48.34	ng	92
55)	4-Nitrophenol	7.69	65	16212	47.42	ng	96
56)	2,3,4,6-Tetrachlorophenol	7.86	232	20985	48.27	ng	98
57)	Fluorene	8.05	166	79949	47.15	ng	99
58)	4-Chlorophenyl-phenylether	8.06	204	39100	47.44	ng	97
59)	Diethylphthalate	7.96	149	80625	46.06	ng	96
60)	4-Nitroaniline	8.08	138	22270	44.70	ng	98
62)	4,6-Dinitro-2-methylphenol	8.10	198	16287	48.51	ng	100
63)	n-Nitrosodiphenylamine	8.17	169	58847	48.88	ng	98
65)	1,2-Diphenylhydrazine	8.20	77	88326	51.41	ng	99
66)	4-Bromophenyl-phenylether	8.52	248	22803	50.93	ng	94
67)	Hexachlorobenzene	8.57	284	20882	49.40	ng	86
68)	gamma-BHC	8.82	181	3072	9.93	ng	94
69)	Pentachlorophenol	8.77	266	14920	53.84	ng	91

(#) = qualifier out of range (m) = manual integration

8715

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09385.D Vial: 2
Acq On : 22 Jul 2005 8:30 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 12:11 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

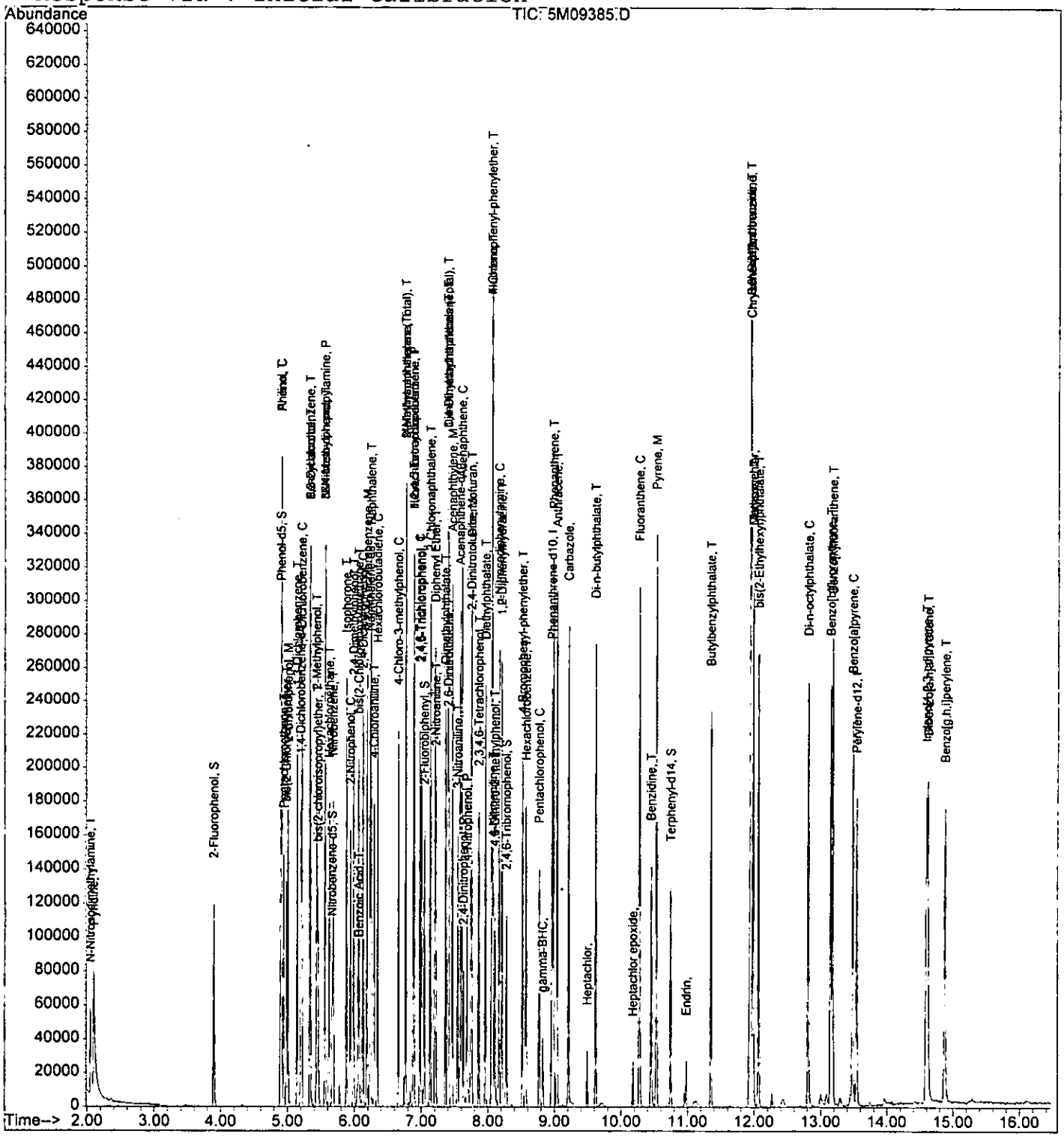
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Phenanthrene	8.98	178	127474	50.61	ng	97
71)	Anthracene	9.04	178	126461	49.40	ng	98
72)	Carbazole	9.21	167	113607	48.61	ng	100
73)	Heptachlor	9.49	100	3429	10.49	ng	91
74)	Di-n-butylphthalate	9.62	149	138178	48.83	ng	99
75)	Heptachlor epoxide	10.18	81	2196	9.67	ng	79
76)	Fluoranthene	10.28	202	135723	49.43	ng	99
78)	Pyrene	10.53	202	146312	51.52	ng	96
79)	Benzidine	10.45	184	59401	56.65	ng	95
81)	Endrin	10.98	81	1378	9.86	ng	82
82)	Butylbenzylphthalate	11.35	149	60879	48.71	ng	95
83)	Methoxychlor	11.99	227	13294	10.20	ng	96
84)	3,3'-Dichlorobenzidine	11.94	252	51173	62.69	ng	97
85)	Benzo[a]anthracene	11.94	228	130462	50.04	ng	99
86)	Chrysene	11.99	228	121552	50.83	ng	98
87)	bis(2-Ethylhexyl)phthalate	12.07	149	86188	49.91	ng	98
89)	Di-n-octylphthalate	12.81	149	148858	48.53	ng	97
90)	Benzo[b]fluoranthene	13.15	252	107385	48.55	ng	97
91)	Benzo[k]fluoranthene	13.18	252	114194	51.01	ng	97
92)	Benzo[a]pyrene	13.49	252	100270	48.17	ng	96
93)	Indeno[1,2,3-cd]pyrene	14.59	276	111652	49.51	ng	86
94)	Dibenzo[a,h]anthracene	14.62	278	92257	49.30	ng	96
95)	Benzo[g,h,i]perylene	14.88	276	90753	48.12	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09385.D Vial: 2
Acq On : 22 Jul 2005 8:30 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 12:11 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09386.D Vial: 3
Acq On : 22 Jul 2005 8:53 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:17 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	24298	40.00 ng	-0.05
20) Naphthalene-d8	6.23	136	90455	40.00 ng	-0.05
36) Acenaphthene-d10	7.58	164	54766	40.00 ng	-0.06
61) Phenanthrene-d10	8.96	188	92737	40.00 ng	-0.07
77) Chrysene-d12	11.95	240	79360	40.00 ng	-0.09
88) Perylene-d12	13.54	264	61273	40.00 ng	-0.08
System Monitoring Compounds					
4) 2-Fluorophenol	3.90	112	6365	7.28 ng	-0.06
Spiked Amount 200.000			Recovery =	3.64%	
8) Phenol-d5	4.89	99	9082	7.61 ng	-0.06
Spiked Amount 200.000			Recovery =	3.81%	
21) Nitrobenzene-d5	5.67	128	1731	4.25 ng	-0.05
Spiked Amount 100.000			Recovery =	4.25%	
41) 2-Fluorobiphenyl	7.04	172	8329	4.73 ng	-0.05
Spiked Amount 100.000			Recovery =	4.73%	
64) 2,4,6-Tribromophenol	8.27	330	1818	9.52 ng	-0.07
Spiked Amount 200.000			Recovery =	4.76%	
80) Terphenyl-d14	10.74	244	8221	4.33 ng	-0.07
Spiked Amount 100.000			Recovery =	4.33%	
Target Compounds					Qvalue
2) Pyridine	2.15	79	7384m	7.48 ng	
3) N-Nitrosodimethylamine	2.08	74	4401	7.50 ng	81
5) Aniline	4.91	93	11654	8.08 ng	85
6) Pentachloroethane	4.94	117	2849	9.20 ng	96
7) bis(2-Chloroethyl)ether	4.98	93	7502	8.67 ng	99
9) Phenol	4.90	94	10348	7.91 ng	64
10) 2-Chlorophenol	5.00	128	8079	8.45 ng	95
11) 1,3-Dichlorobenzene	5.14	146	8742	9.55 ng	97
12) 1,4-Dichlorobenzene	5.21	146	8588	9.23 ng	98
13) 1,2-Dichlorobenzene	5.33	146	8269	9.42 ng	93
14) Benzyl alcohol	5.33	108	4928	7.62 ng	96
15) bis(2-chloroisopropyl)ethe	5.45	45	11475	8.92 ng	95
16) 2-Methylphenol	5.43	108	7009	8.04 ng	99
17) Hexachloroethane	5.62	117	3663	9.51 ng	92
18) N-Nitroso-di-n-propylamine	5.55	70	5754	8.39 ng	96
19) 3&4-Methylphenol	5.56	108	7594	8.22 ng	96
22) Nitrobenzene	5.68	77	8244	9.24 ng	99
23) Isophorone	5.87	82	14886	9.14 ng	98
24) 2-Nitrophenol	5.94	139	4082	8.84 ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09386.D Vial: 3
Acq On : 22 Jul 2005 8:53 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:17 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	2,4-Dimethylphenol	5.98	107	7895	9.28	ng	98
26)	Benzoic Acid	6.04	105	691	1.16	ng	86
27)	bis(2-Chloroethoxy)methane	6.06	93	8993	9.45	ng	99
28)	2,4-Dichlorophenol	6.13	162	6012	8.31	ng	97
29)	1,2,4-Trichlorobenzene	6.18	180	7659	9.95	ng	96
30)	Naphthalene	6.24	128	22830	9.56	ng	99
31)	4-Chloroaniline	6.29	127	8470	8.94	ng	99
32)	Hexachlorobutadiene	6.34	225	4205	10.21	ng	97
33)	4-Chloro-3-methylphenol	6.65	107	6834	8.80	ng	93
34)	2-Methylnaphthalene	6.76	142	15124	9.54	ng	99
35)	Methylnaphthalenes (Total)	6.76	142	15124	9.54	ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.88	216	7329	9.92	ng	98
38)	Hexachlorocyclopentadiene	6.88	237	3760	8.05	ng	99
39)	2,4,6-Trichlorophenol	6.97	196	4586	8.56	ng	97
40)	2,4,5-Trichlorophenol	7.00	196	5022	8.68	ng	96
42)	2-Chloronaphthalene	7.13	162	14966	9.53	ng	98
43)	1,4-Dimethylnaphthalene	7.39	156	11175	9.55	ng	96
44)	Dimethylnaphthalenes (Tota	7.39	156	11175	9.55	ng	96
45)	Diphenyl Ether	7.20	170	10182	9.72	ng	92
46)	2-Nitroaniline	7.21	65	5170	8.62	ng	91
47)	Acenaphthylene	7.46	152	23125	9.32	ng	99
48)	Dimethylphthalate	7.36	163	16138	9.12	ng	98
49)	2,6-Dinitrotoluene	7.41	165	3613	8.82	ng	82
50)	Acenaphthene	7.61	153	14681	9.55	ng	97
51)	3-Nitroaniline	7.54	138	3756	7.94	ng	94
52)	2,4-Dinitrophenol	7.64	184	309	1.24	ng	20
53)	Dibenzofuran	7.75	168	22268	9.94	ng	100
54)	2,4-Dinitrotoluene	7.74	165	4985	8.71	ng	93
55)	4-Nitrophenol	7.68	65	2502	6.94	ng	98
56)	2,3,4,6-Tetrachlorophenol	7.86	232	3803	8.40	ng	94
57)	Fluorene	8.05	166	16907	9.77	ng	99
58)	4-Chlorophenyl-phenylether	8.05	204	8499	10.10	ng	97
59)	Diethylphthalate	7.95	149	17789	9.87	ng	99
60)	4-Nitroaniline	8.07	138	4273	8.03	ng	92
62)	4,6-Dinitro-2-methylphenol	8.10	198	1965	5.57	ng	100
63)	n-Nitrosodiphenylamine	8.16	169	12568	9.81	ng	98
65)	1,2-Diphenylhydrazine	8.20	77	17601	9.68	ng	97
66)	4-Bromophenyl-phenylether	8.52	248	4686	9.90	ng	97
67)	Hexachlorobenzene	8.57	284	4579	10.38	ng	86
68)	gamma-BHC	8.82	181	607	1.86	ng	88
69)	Pentachlorophenol	8.76	266	1561	5.21	ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09386.D Vial: 3
Acq On : 22 Jul 2005 8:53 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:17 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

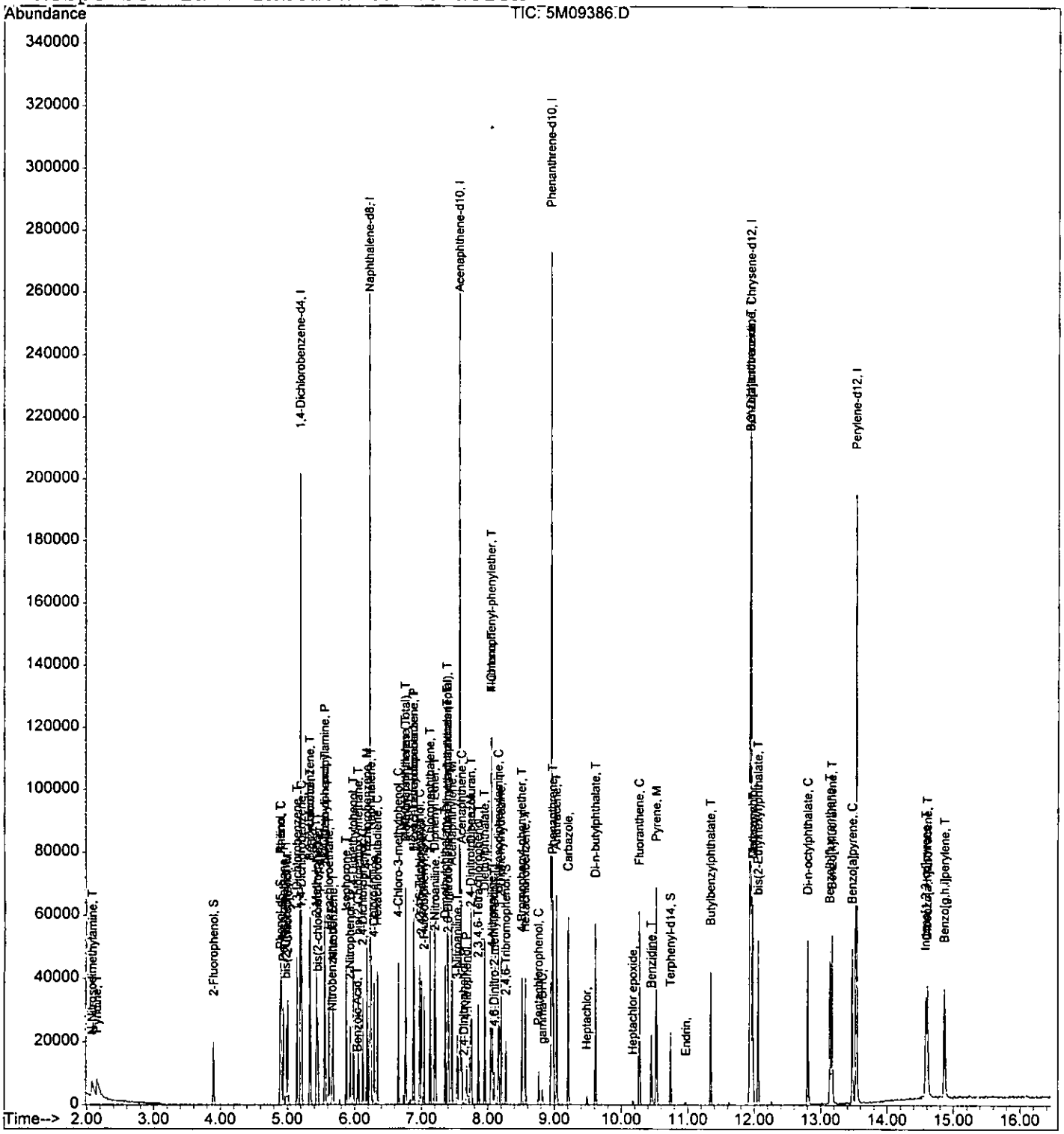
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
70)	Phenanthrene	8.98	178	25917	9.67	ng		99
71)	Anthracene	9.03	178	26263	9.78	ng		99
72)	Carbazole	9.21	167	24415	9.66	ng		99
73)	Heptachlor	9.49	100	521	1.44	ng		88
74)	Di-n-butylphthalate	9.61	149	28391	9.31	ng		100
75)	Heptachlor epoxide	10.17	81	400	1.63	ng		96
76)	Fluoranthene	10.27	202	26959	9.17	ng		100
78)	Pyrene	10.53	202	29126	9.13	ng		95
79)	Benzidine	10.45	184	13470	11.88	ng		95
81)	Endrin	10.98	81	224	1.36	ng	#	77
82)	Butylbenzylphthalate	11.35	149	11356	8.18	ng		96
83)	Methoxychlor	11.98	227	2599	1.78	ng	#	87
84)	3,3'-Dichlorobenzidine	11.94	252	9203	10.69	ng		97
85)	Benzo[a]anthracene	11.94	228	26478	8.86	ng		98
86)	Chrysene	11.98	228	24720	9.33	ng		97
87)	bis(2-Ethylhexyl)phthalate	12.06	149	16601	8.83	ng		94
89)	Di-n-octylphthalate	12.81	149	28178	8.66	ng		99
90)	Benzo[b]fluoranthene	13.14	252	21414	8.77	ng		97
91)	Benzo[k]fluoranthene	13.17	252	23148	9.49	ng		96
92)	Benzo[a]pyrene	13.48	252	20576	8.89	ng		97
93)	Indeno[1,2,3-cd]pyrene	14.58	276	21695	8.74	ng		91
94)	Dibenzo[a,h]anthracene	14.61	278	17918	8.74	ng		96
95)	Benzo[g,h,i]perylene	14.87	276	19461	9.48	ng		91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09386.D Vial: 3
Acq On : 22 Jul 2005 8:53 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:17 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09387.D Vial: 4
Acq On : 22 Jul 2005 9:16 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:32 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	23586	40.00	ng	-0.05
20) Naphthalene-d8	6.23	136	91103	40.00	ng	-0.05
36) Acenaphthene-d10	7.58	164	52605	40.00	ng	-0.06
61) Phenanthrene-d10	8.96	188	90904	40.00	ng	-0.07
77) Chrysene-d12	11.95	240	70685	40.00	ng	-0.08
88) Perylene-d12	13.54	264	52162	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	18769	22.12	ng	-0.06
Spiked Amount 200.000			Recovery = 11.06%			
8) Phenol-d5	4.89	99	24612	21.26	ng	-0.06
Spiked Amount 200.000			Recovery = 10.63%			
21) Nitrobenzene-d5	5.67	128	5094	12.41	ng	-0.05
Spiked Amount 100.000			Recovery = 12.41%			
41) 2-Fluorobiphenyl	7.04	172	22043	13.02	ng	-0.05
Spiked Amount 100.000			Recovery = 13.02%			
64) 2,4,6-Tribromophenol	8.27	330	5138	27.45	ng	-0.07
Spiked Amount 200.000			Recovery = 13.73%			
80) Terphenyl-d14	10.74	244	22244	13.15	ng	-0.07
Spiked Amount 100.000			Recovery = 13.15%			
Target Compounds						Qvalue
2) Pyridine	2.11	79	24806m	25.88	ng	
3) N-Nitrosodimethylamine	2.05	74	14519	25.48	ng	97
5) Aniline	4.91	93	30758	21.97	ng	88
6) Pentachloroethane	4.94	117	7352	24.45	ng	98
7) bis(2-Chloroethyl)ether	4.98	93	20890	24.87	ng	97
9) Phenol	4.90	94	27521	21.67	ng	63
10) 2-Chlorophenol	5.01	128	22435	24.16	ng	99
11) 1,3-Dichlorobenzene	5.14	146	23269	26.19	ng	97
12) 1,4-Dichlorobenzene	5.21	146	22855	25.30	ng	100
13) 1,2-Dichlorobenzene	5.34	146	22215	26.08	ng	99
14) Benzyl alcohol	5.33	108	14292	22.76	ng	92
15) bis(2-chloroisopropyl)ethe	5.45	45	32278	25.85	ng	93
16) 2-Methylphenol	5.43	108	20071	23.72	ng	97
17) Hexachloroethane	5.62	117	9882	26.43	ng	94
18) N-Nitroso-di-n-propylamine	5.55	70	16223	24.38	ng	98
19) 3&4-Methylphenol	5.56	108	21219	23.68	ng	99
22) Nitrobenzene	5.68	77	22854	25.44	ng	97
23) Isophorone	5.87	82	41311	25.18	ng	94
24) 2-Nitrophenol	5.94	139	11259	24.22	ng	95

(#) = qualifier out of range (m) = manual integration

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Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09387.D Vial: 4
Acq On : 22 Jul 2005 9:16 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:32 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.98	107	21356	24.93 ng	98
26)	Benzoic Acid	6.06	105	6131m	10.18 ng	
27)	bis(2-Chloroethoxy)methane	6.06	93	24100	25.15 ng	100
28)	2,4-Dichlorophenol	6.13	162	18093	24.83 ng	97
29)	1,2,4-Trichlorobenzene	6.18	180	19587	25.27 ng	98
30)	Naphthalene	6.24	128	61814	25.70 ng	99
31)	4-Chloroaniline	6.29	127	24620	25.79 ng	100
32)	Hexachlorobutadiene	6.34	225	11336	27.33 ng	96
33)	4-Chloro-3-methylphenol	6.65	107	18911	24.17 ng	98
34)	2-Methylnaphthalene	6.76	142	42150	26.40 ng	99
35)	Methylnaphthalenes (Total)	6.76	142	42150	26.40 ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.89	216	19995	28.18 ng	97
38)	Hexachlorocyclopentadiene	6.88	237	11680	26.04 ng	99
39)	2,4,6-Trichlorophenol	6.97	196	13612	26.44 ng	96
40)	2,4,5-Trichlorophenol	7.00	196	13983	25.15 ng	97
42)	2-Chloronaphthalene	7.13	162	40352	26.75 ng	98
43)	1,4-Dimethylnaphthalene	7.39	156	30737	27.34 ng	99
44)	Dimethylnaphthalenes (Tota	7.39	156	30737	27.34 ng	99
45)	Diphenyl Ether	7.20	170	26762	26.61 ng	95
46)	2-Nitroaniline	7.21	65	14242	24.73 ng	94
47)	Acenaphthylene	7.46	152	63677	26.71 ng	99
48)	Dimethylphthalate	7.36	163	44085	25.93 ng	99
49)	2,6-Dinitrotoluene	7.41	165	10202	25.92 ng	93
50)	Acenaphthene	7.61	153	37826	25.61 ng	99
51)	3-Nitroaniline	7.54	138	11428	25.15 ng	98
52)	2,4-Dinitrophenol	7.63	184	3431	14.29 ng	87
53)	Dibenzofuran	7.75	168	55594	25.83 ng	95
54)	2,4-Dinitrotoluene	7.74	165	13404	24.37 ng	95
55)	4-Nitrophenol	7.68	65	7437	21.49 ng	97
56)	2,3,4,6-Tetrachlorophenol	7.86	232	10484	24.10 ng	100
57)	Fluorene	8.05	166	44090	26.52 ng	100
58)	4-Chlorophenyl-phenylether	8.06	204	21506	26.60 ng	99
59)	Diethylphthalate	7.96	149	45551	26.31 ng	96
60)	4-Nitroaniline	8.07	138	12201	23.86 ng	99
62)	4,6-Dinitro-2-methylphenol	8.10	198	6955	20.12 ng	100
63)	n-Nitrosodiphenylamine	8.17	169	35141	27.97 ng	97
65)	1,2-Diphenylhydrazine	8.20	77	48294	27.10 ng	99
66)	4-Bromophenyl-phenylether	8.52	248	12025	25.91 ng	99
67)	Hexachlorobenzene	8.57	284	11811	27.30 ng	89
68)	gamma-BHC	8.82	181	1620	5.06 ng	92
69)	Pentachlorophenol	8.76	266	5934	20.20 ng	93

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09387.D Vial: 4
Acq On : 22 Jul 2005 9:16 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:32 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

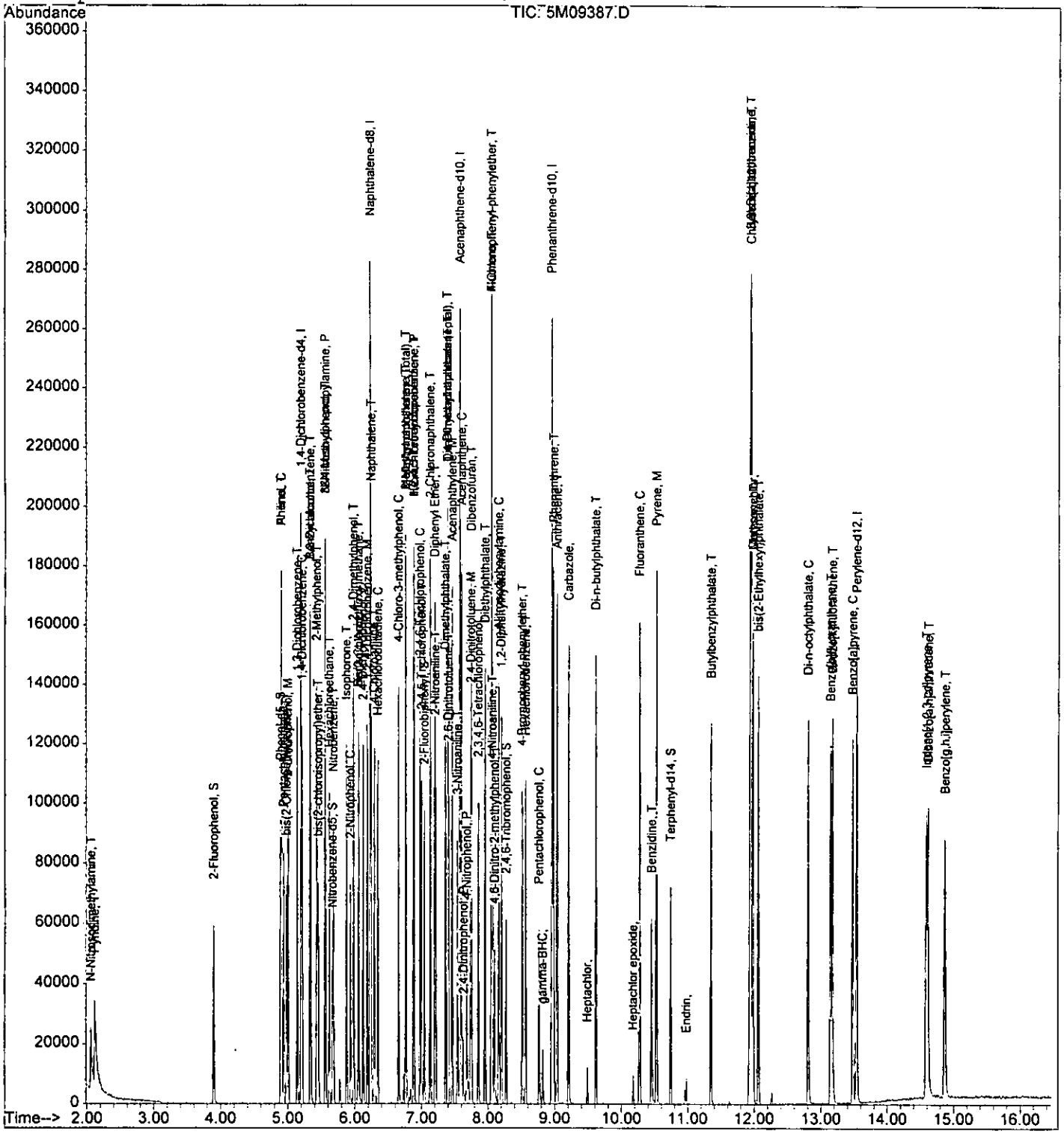
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Phenanthrene	8.98	178	68461	26.05	ng	98
71)	Anthracene	9.04	178	70848	26.91	ng	99
72)	Carbazole	9.21	167	61734	24.93	ng	99
73)	Heptachlor	9.49	100	1653	4.68	ng	93
74)	Di-n-butylphthalate	9.61	149	75717	25.33	ng	99
75)	Heptachlor epoxide	10.17	81	1273	5.28	ng	97
76)	Fluoranthene	10.28	202	72021	25.00	ng	96
78)	Pyrene	10.53	202	73780	25.97	ng	97
79)	Benzidine	10.45	184	28789	28.51	ng	98
81)	Endrin	10.98	81	750	5.13	ng	91
82)	Butylbenzylphthalate	11.35	149	32229	26.06	ng	99
83)	Methoxychlor	11.98	227	6644	5.10	ng	100
84)	3,3'-Dichlorobenzidine	11.94	252	20559	26.81	ng	98
85)	Benzo[a]anthracene	11.94	228	65311	24.55	ng	98
86)	Chrysene	11.98	228	61876	26.22	ng	99
87)	bis(2-Ethylhexyl)phthalate	12.06	149	43747	26.12	ng	97
89)	Di-n-octylphthalate	12.81	149	73317	26.47	ng	98
90)	Benzo[b]fluoranthene	13.14	252	51352	24.72	ng	98
91)	Benzo[k]fluoranthene	13.17	252	54688	26.32	ng	96
92)	Benzo[a]pyrene	13.48	252	50469	25.61	ng	98
93)	Indeno[1,2,3-cd]pyrene	14.59	276	57483	27.21	ng	88
94)	Dibenzo[a,h]anthracene	14.61	278	46954	26.90	ng	96
95)	Benzo[g,h,i]perylene	14.87	276	49482	28.31	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09387.D Vial: 4
Acq On : 22 Jul 2005 9:16 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:32 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09388.D Vial: 5
Acq On : 22 Jul 2005 9:39 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:37 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	20683	40.00	ng	-0.05
20) Naphthalene-d8	6.23	136	84396	40.00	ng	-0.05
36) Acenaphthene-d10	7.58	164	49933	40.00	ng	-0.06
61) Phenanthrene-d10	8.96	188	89583	40.00	ng	-0.06
77) Chrysene-d12	11.95	240	74392	40.00	ng	-0.08
88) Perylene-d12	13.54	264	54467	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	54913	73.80	ng	-0.06
Spiked Amount 200.000			Recovery = 36.90%			
8) Phenol-d5	4.90	99	76343	75.19	ng	-0.05
Spiked Amount 200.000			Recovery = 37.60%			
21) Nitrobenzene-d5	5.67	128	14623	38.46	ng	-0.05
Spiked Amount 100.000			Recovery = 38.46%			
41) 2-Fluorobiphenyl	7.04	172	62049	38.61	ng	-0.05
Spiked Amount 100.000			Recovery = 38.61%			
64) 2,4,6-Tribromophenol	8.28	330	15204	82.44	ng	-0.06
Spiked Amount 200.000			Recovery = 41.22%			
80) Terphenyl-d14	10.74	244	68757	38.62	ng	-0.07
Spiked Amount 100.000			Recovery = 38.62%			
Target Compounds						Qvalue
2) Pyridine	2.09	79	72584	86.35	ng	94
3) N-Nitrosodimethylamine	2.04	74	45277	90.61	ng	93
5) Aniline	4.91	93	89277	72.72	ng	89
6) Pentachloroethane	4.94	117	20376	77.28	ng	99
7) bis(2-Chloroethyl)ether	4.98	93	56158	76.25	ng	96
9) Phenol	4.91	94	82266	73.86	ng	61
10) 2-Chlorophenol	5.01	128	61795	75.89	ng	99
11) 1,3-Dichlorobenzene	5.14	146	58858	75.53	ng	99
12) 1,4-Dichlorobenzene	5.21	146	62508	78.92	ng	99
13) 1,2-Dichlorobenzene	5.34	146	59163	79.20	ng	99
14) Benzyl alcohol	5.33	108	43261	78.57	ng	99
15) bis(2-chloroisopropyl)ethe	5.45	45	87970	80.33	ng	99
16) 2-Methylphenol	5.43	108	57711	77.77	ng	99
17) Hexachloroethane	5.62	117	25268	77.06	ng	98
18) N-Nitroso-di-n-propylamine	5.56	70	45857	78.58	ng	96
19) 3&4-Methylphenol	5.56	108	61226	77.90	ng	99
22) Nitrobenzene	5.68	77	67786	81.44	ng	99
23) Isophorone	5.88	82	119898	78.90	ng	97
24) 2-Nitrophenol	5.94	139	33397	77.55	ng	98

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09388.D Vial: 5
Acq On : 22 Jul 2005 9:39 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:37 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.99	107	64432	81.19 ng	98
26)	Benzoic Acid	6.09	105	34922	62.59 ng	98
27)	bis(2-Chloroethoxy)methane	6.06	93	70445	79.35 ng	99
28)	2,4-Dichlorophenol	6.13	162	54528	80.78 ng	97
29)	1,2,4-Trichlorobenzene	6.19	180	52732	73.44 ng	99
30)	Naphthalene	6.24	128	173789	78.01 ng	99
31)	4-Chloroaniline	6.29	127	69715	78.82 ng	99
32)	Hexachlorobutadiene	6.34	225	30412	79.15 ng	97
33)	4-Chloro-3-methylphenol	6.65	107	57270	79.02 ng	98
34)	2-Methylnaphthalene	6.77	142	119806	81.01 ng	100
35)	Methylnaphthalenes (Total)	6.77	142	119806	81.01 ng	100
37)	1,2,4,5-Tetrachlorobenzene	6.89	216	55232	82.02 ng	97
38)	Hexachlorocyclopentadiene	6.88	237	34973	82.14 ng	99
39)	2,4,6-Trichlorophenol	6.97	196	39490	80.81 ng	98
40)	2,4,5-Trichlorophenol	7.00	196	42036	79.65 ng	96
42)	2-Chloronaphthalene	7.13	162	112840	78.80 ng	99
43)	1,4-Dimethylnaphthalene	7.40	156	83298	78.05 ng	96
44)	Dimethylnaphthalenes (Tota	7.40	156	83298	78.05 ng	96
45)	Diphenyl Ether	7.20	170	72809	76.27 ng	97
46)	2-Nitroaniline	7.22	65	42303	77.38 ng	92
47)	Acenaphthylene	7.46	152	177834	78.58 ng	100
48)	Dimethylphthalate	7.36	163	131779	81.65 ng	100
49)	2,6-Dinitrotoluene	7.41	165	29857	79.93 ng	99
50)	Acenaphthene	7.61	153	109538	78.14 ng	98
51)	3-Nitroaniline	7.55	138	33964	78.75 ng	98
52)	2,4-Dinitrophenol	7.63	184	16704	73.32 ng	85
53)	Dibenzofuran	7.75	168	160496	78.55 ng	99
54)	2,4-Dinitrotoluene	7.74	165	42299	81.03 ng	94
55)	4-Nitrophenol	7.69	65	26342	80.17 ng	99
56)	2,3,4,6-Tetrachlorophenol	7.86	232	33039	80.00 ng	99
57)	Fluorene	8.05	166	130101	82.44 ng	98
58)	4-Chlorophenyl-phenylether	8.06	204	62673	81.66 ng	100
59)	Diethylphthalate	7.96	149	130895	79.65 ng	97
60)	4-Nitroaniline	8.08	138	39264	80.88 ng	100
62)	4,6-Dinitro-2-methylphenol	8.10	198	26230	77.01 ng	100
63)	n-Nitrosodiphenylamine	8.17	169	93386	75.43 ng	99
65)	1,2-Diphenylhydrazine	8.20	77	135131	76.95 ng	98
66)	4-Bromophenyl-phenylether	8.52	248	35519	77.67 ng	96
67)	Hexachlorobenzene	8.57	284	33252	78.00 ng	83
68)	gamma-BHC	8.82	181	5073	16.09 ng	91
69)	Pentachlorophenol	8.76	266	24029	83.00 ng	94

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09388.D Vial: 5
Acq On : 22 Jul 2005 9:39 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:37 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

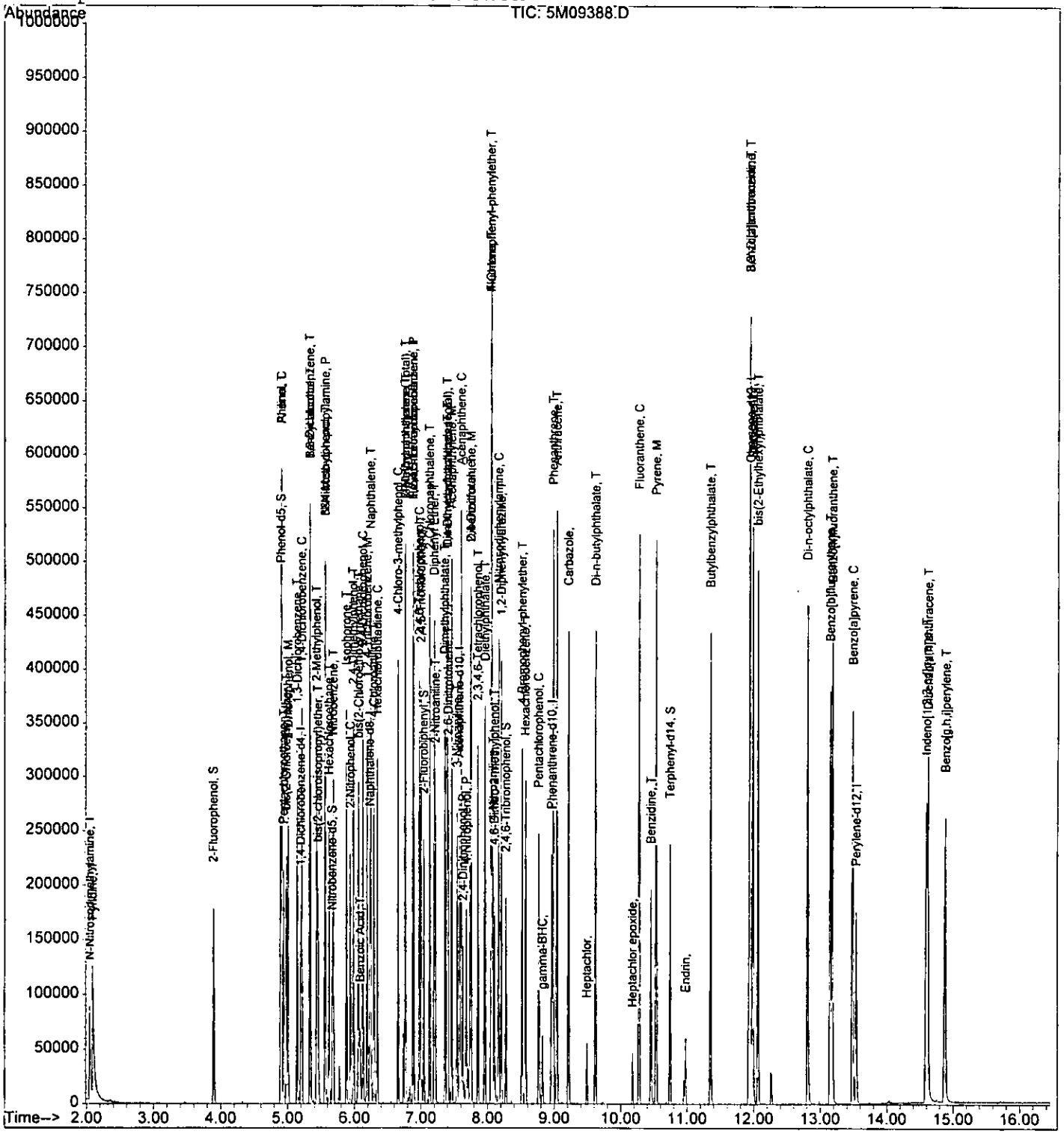
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Phenanthrene	8.98	178	198861	76.79 ng	98
71)	Anthracene	9.04	178	205366	79.14 ng	98
72)	Carbazole	9.21	167	192480	78.87 ng	99
73)	Heptachlor	9.49	100	5254	15.08 ng	92
74)	Di-n-butylphthalate	9.62	149	229034	77.76 ng	99
75)	Heptachlor epoxide	10.17	81	3663	15.43 ng	87
76)	Fluoranthene	10.28	202	227869	80.26 ng	100
78)	Pyrene	10.53	202	228348	76.37 ng	96
79)	Benzidine	10.45	184	79895	75.18 ng	95
81)	Endrin	10.98	81	2423	15.74 ng	90
82)	Butylbenzylphthalate	11.35	149	106257	81.65 ng	97
83)	Methoxychlor	11.99	227	22243	16.21 ng	98
84)	3,3'-Dichlorobenzidine	11.94	252	66274	82.12 ng	98
85)	Benzo[a]anthracene	11.94	228	218249	77.95 ng	99
86)	Chrysene	11.99	228	202363	81.49 ng	100
87)	bis(2-Ethylhexyl)phthalate	12.06	149	145925	82.80 ng	98
89)	Di-n-octylphthalate	12.81	149	252604	87.34 ng	99
90)	Benzo[b]fluoranthene	13.15	252	174306	80.35 ng	97
91)	Benzo[k]fluoranthene	13.18	252	180808	83.35 ng	94
92)	Benzo[a]pyrene	13.49	252	163205	79.30 ng	97
93)	Indeno[1,2,3-cd]pyrene	14.59	276	176109	79.84 ng	91
94)	Dibenzo[a,h]anthracene	14.62	278	150578	82.62 ng	96
95)	Benzo[g,h,i]perylene	14.88	276	150430	82.43 ng	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09388.D Vial: 5
Acq On : 22 Jul 2005 9:39 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:37 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09389.D Vial: 6
Acq On : 22 Jul 2005 10:01 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:38 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	16575	40.00	ng	-0.05
20) Naphthalene-d8	6.23	136	72739	40.00	ng	-0.05
36) Acenaphthene-d10	7.58	164	48151	40.00	ng	-0.06
61) Phenanthrene-d10	8.96	188	85449	40.00	ng	-0.06
77) Chrysene-d12	11.96	240	70631	40.00	ng	-0.07
88) Perylene-d12	13.54	264	54990	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	74618	125.13	ng	-0.06
Spiked Amount 200.000			Recovery = 62.56%			
8) Phenol-d5	4.90	99	107659	132.32	ng	-0.05
Spiked Amount 200.000			Recovery = 66.16%			
21) Nitrobenzene-d5	5.67	128	20199	61.63	ng	-0.05
Spiked Amount 100.000			Recovery = 61.63%			
41) 2-Fluorobiphenyl	7.04	172	88572	57.15	ng	-0.05
Spiked Amount 100.000			Recovery = 57.15%			
64) 2,4,6-Tribromophenol	8.28	330	22612	128.54	ng	-0.06
Spiked Amount 200.000			Recovery = 64.27%			
80) Terphenyl-d14	10.74	244	108802	64.37	ng	-0.07
Spiked Amount 100.000			Recovery = 64.37%			
Target Compounds						Qvalue
2) Pyridine	2.08	79	94837	140.78	ng	93
3) N-Nitrosodimethylamine	2.04	74	55701	139.10	ng	91
5) Aniline	4.91	93	123731	125.76	ng	91
6) Pentachloroethane	4.94	117	25749	121.86	ng	99
7) bis(2-Chloroethyl)ether	4.98	93	77073	130.58	ng	94
9) Phenol	4.91	94	115870	129.82	ng	78
10) 2-Chlorophenol	5.01	128	85313	130.73	ng	96
11) 1,3-Dichlorobenzene	5.14	146	74216	118.85	ng	100
12) 1,4-Dichlorobenzene	5.21	146	77375	121.90	ng	99
13) 1,2-Dichlorobenzene	5.34	146	72899	121.77	ng	99
14) Benzyl alcohol	5.33	108	56832	128.80	ng	96
15) bis(2-chloroisopropyl)ethe	5.45	45	115956	132.13	ng	94
16) 2-Methylphenol	5.44	108	80165	134.80	ng	100
17) Hexachloroethane	5.62	117	32289	122.87	ng	99
18) N-Nitroso-di-n-propylamine	5.56	70	62124	132.85	ng	98
19) 3&4-Methylphenol	5.56	108	83375	132.37	ng	100
22) Nitrobenzene	5.69	77	88442	123.29	ng	96
23) Isophorone	5.88	82	173298	132.32	ng	99
24) 2-Nitrophenol	5.94	139	47616	128.28	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09389.D Vial: 6
Acq On : 22 Jul 2005 10:01 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:38 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.99	107	89278	130.52 ng	96
26)	Benzoic Acid	6.10	105	58454	121.56 ng	96
27)	bis(2-Chloroethoxy)methane	6.06	93	97066	126.86 ng	99
28)	2,4-Dichlorophenol	6.13	162	74883	128.71 ng	97
29)	1,2,4-Trichlorobenzene	6.19	180	72441	117.05 ng	99
30)	Naphthalene	6.25	128	244630	127.40 ng	99
31)	4-Chloroaniline	6.30	127	94871	124.46 ng	100
32)	Hexachlorobutadiene	6.34	225	39130	118.15 ng	99
33)	4-Chloro-3-methylphenol	6.65	107	86310	138.18 ng	99
34)	2-Methylnaphthalene	6.77	142	168257	132.00 ng	100
35)	Methylnaphthalenes (Total)	6.77	142	168257	132.00 ng	100
37)	1,2,4,5-Tetrachlorobenzene	6.89	216	74314	114.44 ng	98
38)	Hexachlorocyclopentadiene	6.88	237	48239	117.49 ng	98
39)	2,4,6-Trichlorophenol	6.97	196	57261	121.51 ng	99
40)	2,4,5-Trichlorophenol	7.00	196	63072	123.94 ng	96
42)	2-Chloronaphthalene	7.13	162	168561	122.06 ng	97
43)	1,4-Dimethylnaphthalene	7.40	156	124661	121.13 ng	98
44)	Dimethylnaphthalenes (Tota	7.40	156	124661	121.13 ng	98
45)	Diphenyl Ether	7.20	170	106493	115.68 ng	90
46)	2-Nitroaniline	7.22	65	67024	127.13 ng	99
47)	Acenaphthylene	7.47	152	258852	118.61 ng	99
48)	Dimethylphthalate	7.36	163	198590	127.61 ng	99
49)	2,6-Dinitrotoluene	7.41	165	45745	126.99 ng	99
50)	Acenaphthene	7.61	153	164425	121.64 ng	99
51)	3-Nitroaniline	7.55	138	50421	121.24 ng	98
52)	2,4-Dinitrophenol	7.64	184	31054	141.35 ng	76
53)	Dibenzofuran	7.75	168	234562	119.05 ng	97
54)	2,4-Dinitrotoluene	7.75	165	62635	124.42 ng	96
55)	4-Nitrophenol	7.69	65	42380	133.76 ng	96
56)	2,3,4,6-Tetrachlorophenol	7.86	232	52042	130.68 ng	99
57)	Fluorene	8.06	166	189503	124.52 ng	98
58)	4-Chlorophenyl-phenylether	8.06	204	90025	121.64 ng	97
59)	Diethylphthalate	7.96	149	200828	126.73 ng	97
60)	4-Nitroaniline	8.09	138	59018	126.08 ng	99
62)	4,6-Dinitro-2-methylphenol	8.11	198	43850	134.96 ng	100
63)	n-Nitrosodiphenylamine	8.17	169	143874	121.83 ng	97
65)	1,2-Diphenylhydrazine	8.21	77	209653	125.16 ng	94
66)	4-Bromophenyl-phenylether	8.52	248	51167	117.30 ng	91
67)	Hexachlorobenzene	8.57	284	48654	119.66 ng	91
68)	gamma-BHC	8.82	181	7543	25.09 ng	92
69)	Pentachlorophenol	8.77	266	37918	137.31 ng	94

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09389.D Vial: 6
Acq On : 22 Jul 2005 10:01 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:38 2005 Quant Results File: 5M_0722.RES

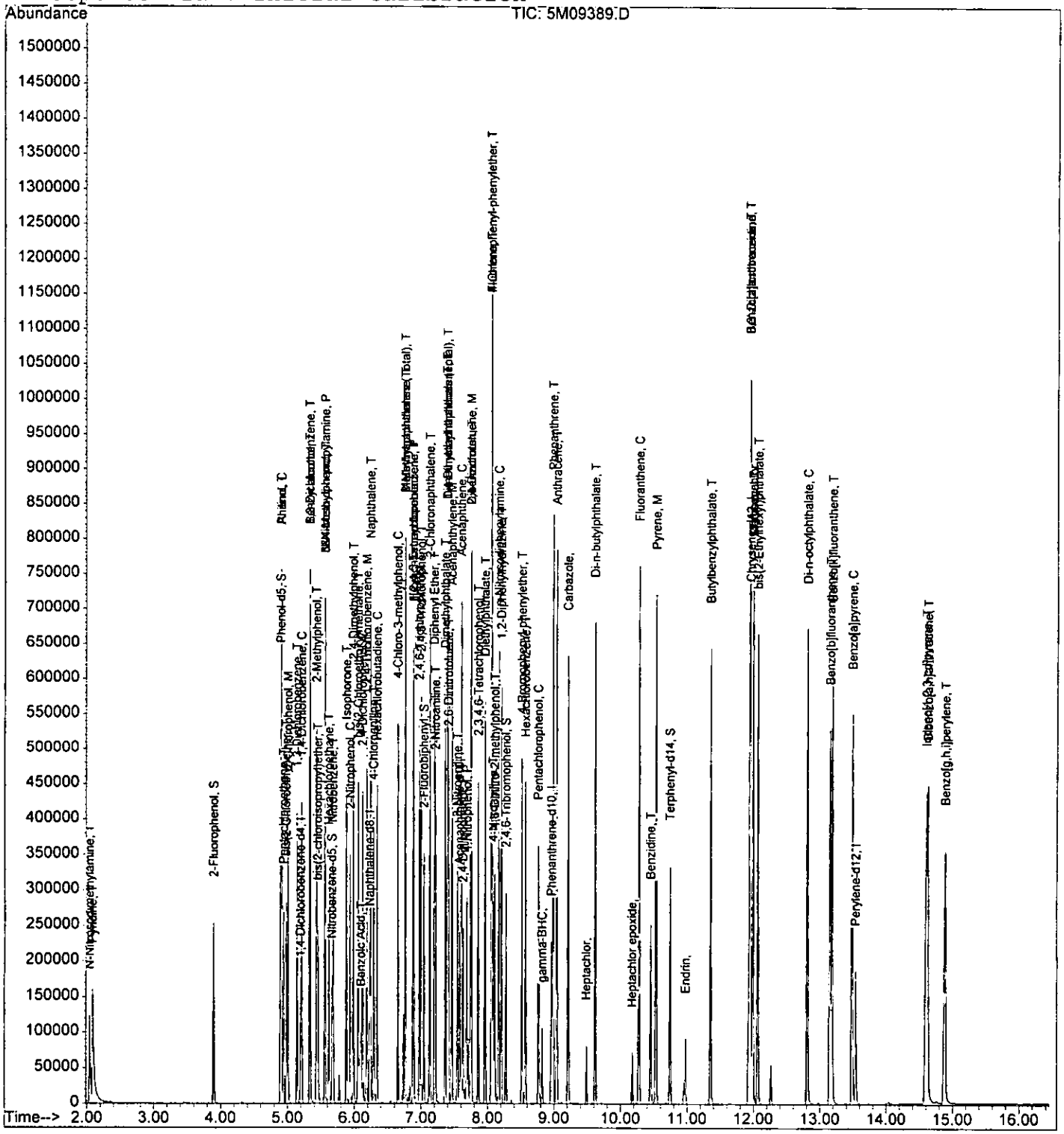
Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Phenanthrene	8.99	178	313082	126.75	ng	99
71) Anthracene	9.04	178	303812	122.74	ng	99
72) Carbazole	9.21	167	280497	120.50	ng	100
73) Heptachlor	9.49	100	8577	25.81	ng	97
74) Di-n-butylphthalate	9.62	149	344791	122.72	ng	100
75) Heptachlor epoxide	10.17	81	5760	25.43	ng	86
76) Fluoranthene	10.28	202	341094	125.96	ng	100
78) Pyrene	10.54	202	350575	123.49	ng	95
79) Benzidine	10.45	184	105478	104.54	ng	97
81) Endrin	10.98	81	3593	24.58	ng	88
82) Butylbenzylphthalate	11.36	149	162203	131.28	ng	99
83) Methoxychlor	11.99	227	32498	24.95	ng	98
84) 3,3'-Dichlorobenzidine	11.94	252	94182	122.92	ng	97
85) Benzo[a]anthracene	11.95	228	326401	122.78	ng	98
86) Chrysene	11.99	228	295658	125.40	ng	99
87) bis(2-Ethylhexyl)phthalate	12.07	149	219995	131.47	ng	97
89) Di-n-octylphthalate	12.81	149	383159	131.22	ng	99
90) Benzo[b]fluoranthene	13.16	252	265788	121.35	ng	98
91) Benzo[k]fluoranthene	13.19	252	270819	123.66	ng	95
92) Benzo[a]pyrene	13.49	252	252005	121.28	ng	98
93) Indeno[1,2,3-cd]pyrene	14.60	276	275620	123.77	ng	88
94) Dibenzo[a,h]anthracene	14.63	278	229689	124.82	ng	93
95) Benzo[g,h,i]perylene	14.89	276	224233	121.71	ng	91

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09389.D Vial: 6
Acq On : 22 Jul 2005 10:01 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:38 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09390.D Vial: 7
Acq On : 22 Jul 2005 10:24 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:52 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 10:30:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	16184	40.00	ng	-0.05
20) Naphthalene-d8	6.23	136	72103	40.00	ng	-0.05
36) Acenaphthene-d10	7.58	164	46483	40.00	ng	-0.06
61) Phenanthrene-d10	8.96	188	89704	40.00	ng	-0.06
77) Chrysene-d12	11.96	240	72030	40.00	ng	-0.07
88) Perylene-d12	13.55	264	56669	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	100066	195.10	ng	-0.06
Spiked Amount 200.000			Recovery = 97.55%			
8) Phenol-d5	4.90	99	147180	206.75	ng	-0.05
Spiked Amount 200.000			Recovery = 103.38%			
21) Nitrobenzene-d5	5.67	128	27448	88.10	ng	-0.05
Spiked Amount 100.000			Recovery = 88.10%			
41) 2-Fluorobiphenyl	7.04	172	120250	81.88	ng	-0.05
Spiked Amount 100.000			Recovery = 81.88%			
64) 2,4,6-Tribromophenol	8.28	330	31168	161.34	ng	-0.06
Spiked Amount 200.000			Recovery = 80.67%			
80) Terphenyl-d14	10.75	244	134935	79.09	ng	-0.06
Spiked Amount 100.000			Recovery = 79.09%			
Target Compounds						Qvalue
2) Pyridine	2.08	79	118747	178.92	ng	95
3) N-Nitrosodimethylamine	2.04	74	75020	190.38	ng	92
5) Aniline	4.91	93	174254	202.54	ng	90
6) Pentachloroethane	4.94	117	33515	167.70	ng	99
7) bis(2-Chloroethyl)ether	4.99	93	102080	183.59	ng	98
9) Phenol	4.91	94	161480	205.62	ng	67
10) 2-Chlorophenol	5.01	128	117648	194.24	ng	99
11) 1,3-Dichlorobenzene	5.14	146	100071	167.62	ng	99
12) 1,4-Dichlorobenzene	5.21	146	101923	167.89	ng	100
13) 1,2-Dichlorobenzene	5.34	146	94857	163.10	ng	98
14) Benzyl alcohol	5.33	108	78566	198.48	ng	100
15) bis(2-chloroisopropyl)ethe	5.45	45	152877	179.63	ng	94
16) 2-Methylphenol	5.44	108	108981	197.98	ng	99
17) Hexachloroethane	5.62	117	40854	160.42	ng	99
18) N-Nitroso-di-n-propylamine	5.56	70	84904	194.63	ng	96
19) 3&4-Methylphenol	5.57	108	115044	197.08	ng	99
22) Nitrobenzene	5.69	77	122920	174.78	ng	98
23) Isophorone	5.88	82	230394	178.32	ng	96
24) 2-Nitrophenol	5.94	139	62278	172.67	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09390.D Vial: 7
Acq On : 22 Jul 2005 10:24 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:52 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 10:30:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.99	107	120175	176.17 ng	96
26)	Benzoic Acid	6.12	105	80341	281.51 ng	97
27)	bis(2-Chloroethoxy)methane	6.06	93	124082	164.36 ng	99
28)	2,4-Dichlorophenol	6.13	162	98356	174.23 ng	96
29)	1,2,4-Trichlorobenzene	6.19	180	95516	159.88 ng	98
30)	Naphthalene	6.25	128	308044	161.97 ng	100
31)	4-Chloroaniline	6.30	127	124308	166.12 ng	98
32)	Hexachlorobutadiene	6.34	225	50574	150.28 ng	99
33)	4-Chloro-3-methylphenol	6.66	107	114066	187.21 ng	94
34)	2-Methylnaphthalene	6.77	142	212720	164.71 ng	98
35)	Methylnaphthalenes (Total)	6.77	142	212720	164.71 ng	98
37)	1,2,4,5-Tetrachlorobenzene	6.89	216	99911	154.77 ng	97
38)	Hexachlorocyclopentadiene	6.88	237	65910	169.29 ng	99
39)	2,4,6-Trichlorophenol	6.98	196	76436	170.59 ng	99
40)	2,4,5-Trichlorophenol	7.00	196	84222	174.77 ng	95
42)	2-Chloronaphthalene	7.13	162	210650	157.99 ng	99
43)	1,4-Dimethylnaphthalene	7.40	156	164033	163.48 ng	100
44)	Dimethylnaphthalenes (Tota	7.40	156	164033	163.48 ng	100
45)	Diphenyl Ether	7.20	170	145491	166.66 ng	92
46)	2-Nitroaniline	7.22	65	90374	185.19 ng	91
47)	Acenaphthylene	7.47	152	339010	162.50 ng	99
48)	Dimethylphthalate	7.37	163	258345	171.87 ng	99
49)	2,6-Dinitrotoluene	7.42	165	59667	172.92 ng	90
50)	Acenaphthene	7.61	153	217217	169.31 ng	99
51)	3-Nitroaniline	7.55	138	64265	168.64 ng	94
52)	2,4-Dinitrophenol	7.64	184	44224	283.50 ng	93
53)	Dibenzofuran	7.76	168	306754	163.07 ng	100
54)	2,4-Dinitrotoluene	7.75	165	84974	180.07 ng	93
55)	4-Nitrophenol	7.69	65	59160	209.70 ng	96
56)	2,3,4,6-Tetrachlorophenol	7.86	232	68202	182.44 ng	99
57)	Fluorene	8.06	166	256658	172.22 ng	99
58)	4-Chlorophenyl-phenylether	8.06	204	123155	169.66 ng	97
59)	Diethylphthalate	7.97	149	267442	173.88 ng	97
60)	4-Nitroaniline	8.10	138	81036	191.02 ng	98
62)	4,6-Dinitro-2-methylphenol	8.12	198	60326	199.61 ng	100
63)	n-Nitrosodiphenylamine	8.18	169	198877	159.37 ng	98
65)	1,2-Diphenylhydrazine	8.21	77	285747	159.65 ng	97
66)	4-Bromophenyl-phenylether	8.52	248	75241	164.38 ng	97
67)	Hexachlorobenzene	8.57	284	70880	162.57 ng	94
68)	gamma-BHC	8.82	181	10795	34.24 ng	94
69)	Pentachlorophenol	8.77	266	54471	205.67 ng	94

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09390.D Vial: 7
Acq On : 22 Jul 2005 10:24 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:52 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 10:30:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

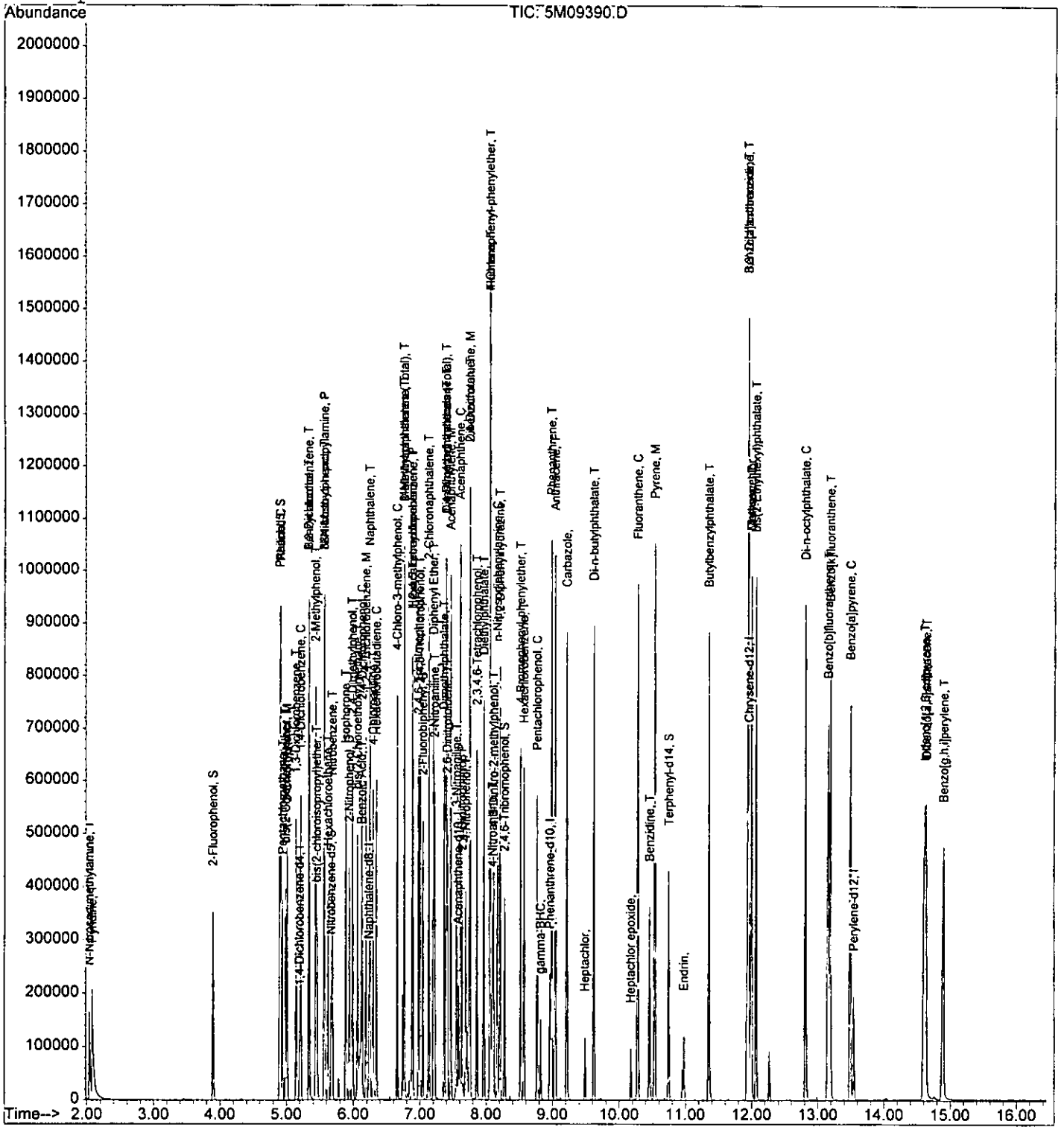
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Phenanthrene	8.99	178	424063	162.40 ng	98
71)	Anthracene	9.04	178	429889	163.29 ng	98
72)	Carbazole	9.22	167	398300	166.02 ng	99
73)	Heptachlor	9.49	100	11683	35.74 ng	94
74)	Di-n-butylphthalate	9.62	149	479294	165.77 ng	100
75)	Heptachlor epoxide	10.17	81	7659	33.26 ng	88
76)	Fluoranthene	10.28	202	465432	165.34 ng	99
78)	Pyrene	10.54	202	484679	168.68 ng	99
79)	Benzidine	10.46	184	148018	135.39 ng	96
81)	Endrin	10.98	81	4977	35.87 ng	86
82)	Butylbenzylphthalate	11.36	149	221183	177.07 ng	96
83)	Methoxychlor	12.00	227	44017	33.29 ng	97
84)	3,3'-Dichlorobenzidine	11.95	252	127321	147.52 ng	99
85)	Benzo[a]anthracene	11.95	228	445548	169.65 ng	98
86)	Chrysene	12.00	228	399130	163.62 ng	99
87)	bis(2-Ethylhexyl)phthalate	12.07	149	300750	173.31 ng	97
89)	Di-n-octylphthalate	12.81	149	525668	170.90 ng	98
90)	Benzo[b]fluoranthene	13.16	252	376816	172.31 ng	98
91)	Benzo[k]fluoranthene	13.19	252	368643	160.21 ng	96
92)	Benzo[a]pyrene	13.50	252	358612	172.22 ng	97
93)	Indeno[1,2,3-cd]pyrene	14.61	276	365114	159.85 ng	91
94)	Dibenzo[a,h]anthracene	14.64	278	294594	155.13 ng	97
95)	Benzo[g,h,i]perylene	14.90	276	298173	154.20 ng	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09390.D Vial: 7
Acq On : 22 Jul 2005 10:24 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 10:52 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09391.D Vial: 8
Acq On : 22 Jul 2005 10:47 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:16 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 10:30:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.20	152	13701	40.00	ng	-0.05
20) Naphthalene-d8	6.23	136	67172	40.00	ng	-0.05
36) Acenaphthene-d10	7.58	164	47139	40.00	ng	-0.06
61) Phenanthrene-d10	8.96	188	87189	40.00	ng	-0.06
77) Chrysene-d12	11.96	240	73027	40.00	ng	-0.07
88) Perylene-d12	13.55	264	57322	40.00	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	105940	235.38	ng	-0.06
Spiked Amount 200.000			Recovery =	117.69%		
8) Phenol-d5	4.90	99	153727	243.23	ng	-0.05
Spiked Amount 200.000			Recovery =	121.62%		
21) Nitrobenzene-d5	5.67	128	28790	97.55	ng	-0.05
Spiked Amount 100.000			Recovery =	97.55%		
41) 2-Fluorobiphenyl	7.04	172	134361	89.87	ng	-0.05
Spiked Amount 100.000			Recovery =	89.87%		
64) 2,4,6-Tribromophenol	8.28	330	35604	189.35	ng	-0.06
Spiked Amount 200.000			Recovery =	94.68%		
80) Terphenyl-d14	10.75	244	171831	99.53	ng	-0.06
Spiked Amount 100.000			Recovery =	99.53%		
Target Compounds						Qvalue
2) Pyridine	2.08	79	108556m	189.48	ng	
3) N-Nitrosodimethylamine	2.04	74	73484	213.52	ng	91
5) Aniline	4.91	93	171587	225.59	ng	91
6) Pentachloroethane	4.94	117	31818	186.56	ng	99
7) bis(2-Chloroethyl)ether	4.99	93	99962	207.27	ng	98
9) Phenol	4.91	94	165555	237.72	ng	68
10) 2-Chlorophenol	5.01	128	122714	231.08	ng	98
11) 1,3-Dichlorobenzene	5.14	146	91874	180.35	ng	99
12) 1,4-Dichlorobenzene	5.21	146	97781	188.70	ng	99
13) 1,2-Dichlorobenzene	5.34	146	93299	188.88	ng	98
14) Benzyl alcohol	5.33	108	83627	239.93	ng	98
15) bis(2-chloroisopropyl)ethe	5.45	45	148683	202.22	ng	93
16) 2-Methylphenol	5.44	108	112563	232.35	ng	99
17) Hexachloroethane	5.62	117	39649	183.83	ng	99
18) N-Nitroso-di-n-propylamine	5.56	70	87873	229.65	ng	97
19) 3&4-Methylphenol	5.57	108	121798	237.29	ng	99
22) Nitrobenzene	5.69	77	125232	188.24	ng	97
23) Isophorone	5.89	82	247118	201.46	ng	97
24) 2-Nitrophenol	5.94	139	65439	192.22	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09391.D Vial: 8
Acq On : 22 Jul 2005 10:47 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:16 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 10:30:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.99	107	126108	195.16 ng	96
26)	Benzoic Acid	6.13	105	94455	315.35 ng	100
27)	bis(2-Chloroethoxy)methane	6.06	93	135780	192.18 ng	99
28)	2,4-Dichlorophenol	6.13	162	111292	208.52 ng	97
29)	1,2,4-Trichlorobenzene	6.19	180	102956	185.01 ng	97
30)	Naphthalene	6.25	128	333769	187.99 ng	99
31)	4-Chloroaniline	6.30	127	120325	171.51 ng	99
32)	Hexachlorobutadiene	6.34	225	52577	169.41 ng	99
33)	4-Chloro-3-methylphenol	6.66	107	129710	222.22 ng	95
34)	2-Methylnaphthalene	6.77	142	251185	207.75 ng	100
35)	Methylnaphthalenes (Total)	6.77	142	251185	207.75 ng	100
37)	1,2,4,5-Tetrachlorobenzene	6.89	216	109890	168.78 ng	96
38)	Hexachlorocyclopentadiene	6.88	237	70515	176.88 ng	99
39)	2,4,6-Trichlorophenol	6.98	196	91064	198.23 ng	99
40)	2,4,5-Trichlorophenol	7.01	196	103150	207.87 ng	98
42)	2-Chloronaphthalene	7.14	162	246360	182.58 ng	99
43)	1,4-Dimethylnaphthalene	7.40	156	194152	190.12 ng	96
44)	Dimethylnaphthalenes (Tota	7.40	156	194152	190.12 ng	96
45)	Diphenyl Ether	7.20	170	162742	182.56 ng	93
46)	2-Nitroaniline	7.22	65	101016	198.90 ng	92
47)	Acenaphthylene	7.47	152	401564	189.31 ng	99
48)	Dimethylphthalate	7.37	163	301341	195.27 ng	99
49)	2,6-Dinitrotoluene	7.42	165	70393	198.49 ng	95
50)	Acenaphthene	7.61	153	246320	187.50 ng	97
51)	3-Nitroaniline	7.55	138	73497	188.48 ng	99
52)	2,4-Dinitrophenol	7.64	184	52621	294.72 ng	70
53)	Dibenzofuran	7.76	168	356672	186.37 ng	100
54)	2,4-Dinitrotoluene	7.75	165	98835	202.29 ng	95
55)	4-Nitrophenol	7.70	65	69930	232.39 ng	99
56)	2,3,4,6-Tetrachlorophenol	7.86	232	82490	212.62 ng	99
57)	Fluorene	8.06	166	300996	196.65 ng	98
58)	4-Chlorophenyl-phenylether	8.06	204	146858	197.51 ng	94
59)	Diethylphthalate	7.97	149	307913	194.59 ng	98
60)	4-Nitroaniline	8.10	138	95140	214.23 ng	99
62)	4,6-Dinitro-2-methylphenol	8.12	198	72172	235.95 ng	100
63)	n-Nitrosodiphenylamine	8.18	169	228224	188.29 ng	97
65)	1,2-Diphenylhydrazine	8.21	77	314544	180.88 ng	99
66)	4-Bromophenyl-phenylether	8.52	248	89581	200.44 ng	96
67)	Hexachlorobenzene	8.58	284	81001	190.63 ng	86
68)	gamma-BHC	8.82	181	12082	38.97 ng	95
69)	Pentachlorophenol	8.77	266	63757	236.43 ng	93

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09391.D Vial: 8
Acq On : 22 Jul 2005 10:47 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:16 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 10:30:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

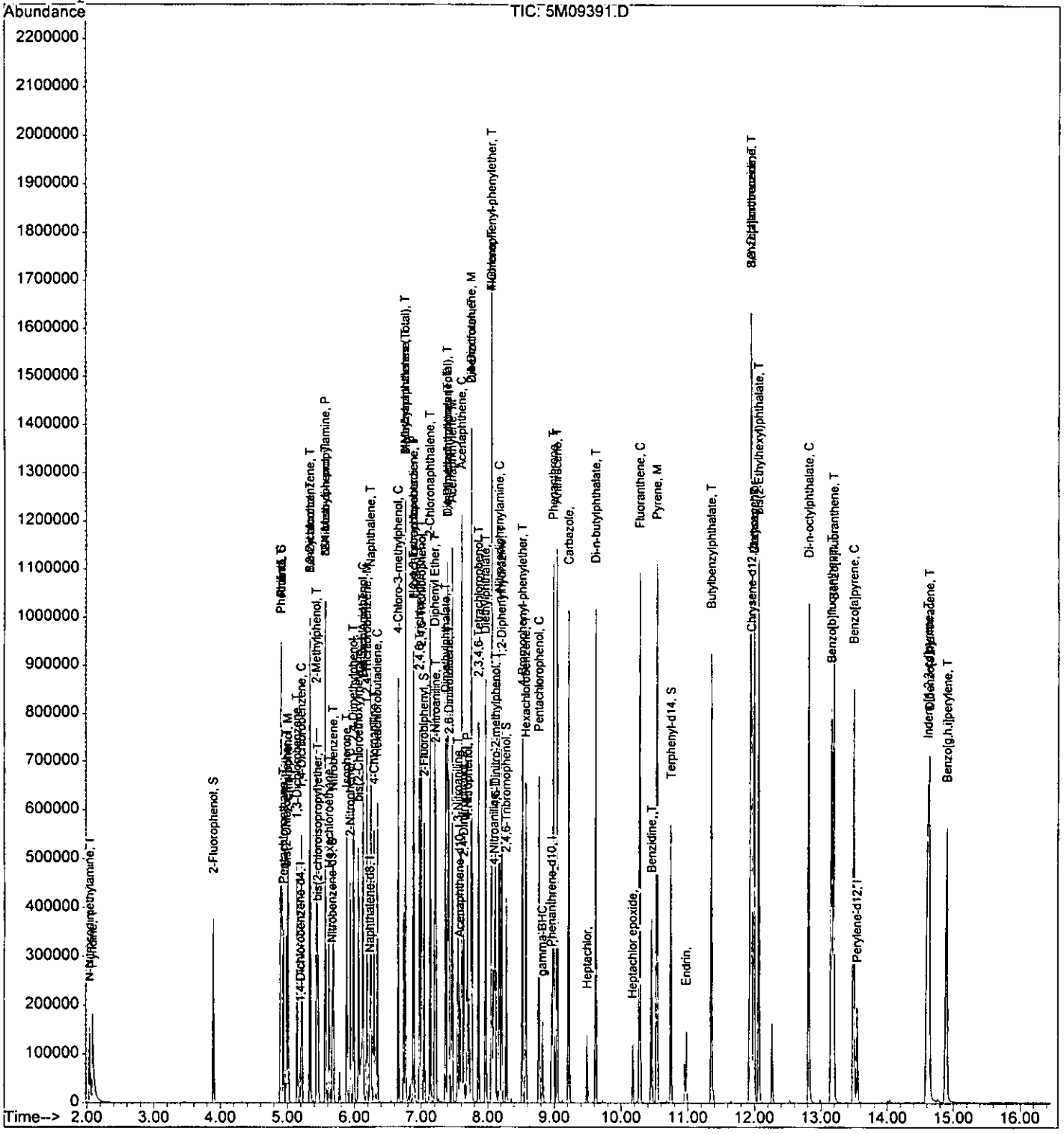
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Phenanthrene	8.99	178	467136	183.60	ng	98
71) Anthracene	9.05	178	496761	193.47	ng	98
72) Carbazole	9.22	167	450762	192.10	ng	100
73) Heptachlor	9.49	100	13654	42.15	ng	94
74) Di-n-butylphthalate	9.62	149	562771	199.06	ng	100
75) Heptachlor epoxide	10.17	81	9443	41.91	ng	86
76) Fluoranthene	10.28	202	536180	194.88	ng	98
78) Pyrene	10.54	202	567341	193.01	ng	95
79) Benzidine	10.46	184	157839	146.15	ng	95
81) Endrin	10.98	81	5878	40.96	ng	85
82) Butylbenzylphthalate	11.36	149	255354	198.11	ng	96
83) Methoxychlor	12.00	227	52084	38.59	ng	98
84) 3,3'-Dichlorobenzidine	11.95	252	140568	162.76	ng	97
85) Benzo[a]anthracene	11.95	228	531868	197.77	ng	97
86) Chrysene	12.00	228	468906	188.88	ng	99
87) bis(2-Ethylhexyl)phthalate	12.07	149	349595	195.99	ng	97
89) Di-n-octylphthalate	12.82	149	618336	196.50	ng	99
90) Benzo[b]fluoranthene	13.16	252	480118	214.30	ng	98
91) Benzo[k]fluoranthene	13.20	252	413578	177.65	ng	94
92) Benzo[a]pyrene	13.50	252	422176	197.91	ng	99
93) Indeno[1,2,3-cd]pyrene	14.61	276	458372	198.42	ng	91
94) Dibenzo[a,h]anthracene	14.64	278	387841	202.94	ng	94
95) Benzo[g,h,i]perylene	14.90	276	368899	189.75	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09391.D Vial: 8
Acq On : 22 Jul 2005 10:47 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:16 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05299.	CAL BNA@50PPM	08/03/05 08:52	2	4M05300.	CAL BNA@10PPM	08/03/05 09:19
3	4M05301.	CAL BNA@25PPM	08/03/05 09:43	4	4M05302.	CAL BNA@80PPM	08/03/05 10:07
5	4M05303.	CAL BNA@120PPM	08/03/05 10:31	6	4M05304.	CAL BNA@160PPM	08/03/05 10:55
7	4M05305.	CAL BNA@200PPM	08/03/05 11:19				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.7323	1.1193	1.6004	1.4478	1.6802	1.6457	1.3796	——	1.52	2.32	0.976	0.987	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9117	——	0.9172	0.9569	0.9111	0.9127	0.8907	-----	0.917	2.27	0.999	1.00	2.4	50.00		25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1588	1.1036	1.1085	1.1904	1.0731	1.1853	1.0781	——	1.13	3.80	0.994	0.995	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.7750	1.2135	1.5232	1.9571	1.7350	1.7411	1.4750	-----	1.63	4.67	0.974	0.995	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3847	1.2332	1.2536	1.2631	1.2040	1.2229	1.0235	-----	1.23	4.74	0.978	0.994	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.5596	1.4518	1.5103	1.6250	1.5232	1.4903	1.3533	——	1.50	4.65	0.990	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.7585	1.6180	1.6390	1.6989	1.7630	1.4383	1.4606	-----	1.63	4.66	0.982	0.992	8.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.2904	1.2779	1.2926	1.2159	1.2709	1.2508	1.1102	-----	1.24	4.77	0.990	0.996	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.3329	1.3941	1.4983	1.2914	1.3160	1.3195	1.1942	——	1.34	4.89	0.994	0.997	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.3079	1.3605	1.4419	1.2816	1.3071	1.2972	1.1474	-----	1.31	4.95	0.990	0.996	6.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.3698	1.4210	1.4186	1.3273	1.1161	1.0335	——	——	1.28	5.07	0.980	0.998	13	50.00	10.00	25.00	80.00	120.0	160.0		
Benzyl alcohol	1	0	Avg	0.8149	0.7103	0.8269	0.9140	0.7082	0.7869	0.6652	-----	0.775	5.06	0.972	0.985	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	3.0095	2.9325	3.0470	3.2052	3.0732	3.0834	2.7236	-----	3.01	5.17	0.989	0.997	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.0303	1.1800	1.1577	1.0582	1.0863	0.9285	0.8216	-----	1.04	5.14	0.969	0.994	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6621	0.6201	0.6560	0.6453	0.6066	0.5665	0.5137	-----	0.610	5.34	0.985	1.00	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.1242	1.1172	1.1168	1.1616	0.9865	1.0899	0.8901	-----	1.07	5.27	0.973	0.986	9.0**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.0833	1.2476	1.2645	1.0378	0.9035	1.0263	0.9293	-----	1.07	5.27	0.991	0.991	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.2089	0.2139	0.1851	0.2040	0.1962	0.1986	0.1947	-----	0.200	5.38	0.999	1.00	4.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4303	0.4403	0.4788	0.4191	0.4577	0.3566	0.3357	-----	0.417	5.39	0.960	0.987	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8088	0.7907	0.8069	0.7745	0.8169	0.7947	0.7844	-----	0.797	5.58	0.999	0.999	1.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2129	0.1931	0.2213	0.2385	0.2392	0.2050	0.1999	-----	0.216	5.64	0.985	0.995	8.4*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4194	0.4506	0.4427	0.3750	0.4007	0.3486	0.3522	——	0.398	5.68	0.993	0.996	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0657	-----	0.0598	0.0760	0.0751	0.0756	0.0629	-----	0.0692	5.76	0.968	0.991	10	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4857	0.4928	0.5011	0.5209	0.4284	0.4704	0.4325	-----	0.476	5.76	0.991	0.993	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3531	0.3507	0.3572	0.3277	0.3332	0.2895	0.2794	-----	0.327	5.83	0.988	0.997	9.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3706	0.3571	0.3830	0.3732	0.3514	0.3157	0.3058	-----	0.351	5.90	0.990	0.999	8.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	0.9720	0.9891	0.9244	0.9906	0.8257	0.7529	0.6958	-----	0.879	5.96	0.973	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.3702	0.3265	0.3631	0.3868	0.3255	0.2774	-----	-----	0.342	6.00	0.959	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.2280	0.2376	0.2472	0.2266	0.2265	0.2126	0.1979	——	0.225	6.05	0.993	0.999	7.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3701	0.3642	0.3795	0.3764	0.3749	0.3441	0.3448	-----	0.365	6.40	0.997	0.999	4.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6435	0.7273	0.6479	0.6685	0.6040	0.5310	0.4815	-----	0.615	6.55	0.972	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalene(Total)	1	0	Avg	0.6435	0.7273	0.6479	0.6685	0.6040	0.5310	0.4815	-----	0.615	6.55	0.972	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.7162	0.7612	0.7634	0.6456	0.5864	0.5734	0.5245	——	0.653	6.69	0.990	0.999	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.5056	0.3807	0.5188	0.4964	0.4540	0.4588	0.4006	——	0.459	6.68	0.985	0.997	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.5042	0.5007	0.5731	0.4694	0.4289	0.4239	0.3923	——	0.470	6.79	0.980	0.999	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.5186	0.5011	0.5173	0.5058	0.4795	0.4410	0.4096	-----	0.482	6.82	0.988	1.00	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.4230	1.5508	1.3594	1.3051	1.1403	1.1506	1.0430	-----	1.28	6.87	0.988	0.997	14	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.2138	1.3286	1.2461	1.1619	0.9906	1.0138	0.8855	-----	1.12	6.99	0.983	0.996	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.6848	0.6972	0.7306	0.6789	0.6001	0.6477	0.6022	——	0.663	7.08	0.995	0.996	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8320	0.8954	0.8994	0.7638	0.7020	0.6792	0.6200	-----	0.770	7.30	0.990	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalene(Tota	1	0	Avg	0.8320	0.8954	0.8994	0.7638	0.7020	0.6792	0.6200	-----	0.770	7.30	0.990	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	1.0390	1.1219	1.1218	0.9263	0.8294	0.8250	-----	-----	0.977	7.07	0.994	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.0
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05299.	CAL BNA@50PPM	08/03/05 08:52	2	4M05300.	CAL BNA@10PPM	08/03/05 09:19
3	4M05301.	CAL BNA@25PPM	08/03/05 09:43	4	4M05302.	CAL BNA@80PPM	08/03/05 10:07
5	4M05303.	CAL BNA@120PPM	08/03/05 10:31	6	4M05304.	CAL BNA@160PPM	08/03/05 10:55
7	4M05305.	CAL BNA@200PPM	08/03/05 11:19				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Acenaphthylene	1	0	Avg	1.9500	1.9750	1.9330	1.7423	1.5492	1.4999	1.3843	-----	1.72	7.38	0.988	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.4889	1.6038	1.5385	1.3694	1.3130	1.3251	1.2554	-----	1.41	7.26	0.998	0.999	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3674	0.3384	0.3500	0.3537	0.3429	0.3077	0.2952	-----	0.337	7.32	0.989	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.2101	1.3243	1.2636	1.1245	1.0087	1.0166	0.9395	-----	1.13	7.56	0.994	0.998	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3285	0.3223	0.3320	0.2970	0.2441	0.2369	-----	-----	0.294	7.49	0.979	0.993	15	50.00	10.00	25.00	80.00	120.0	160.0		
2,4-Dinitrophenol	1	0	Avg	0.1439	-----	-----	0.1686	0.2053	0.2136	0.2225	-----	0.191	7.59	0.999	0.999	17**(0.050)	50.00			80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6577	1.7721	1.7305	1.5600	1.3672	1.2296	1.0797	-----	1.49	7.73	0.966	1.00	18	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4817	0.4572	0.4891	0.4791	0.4176	0.3743	0.3812	-----	0.440	7.72	0.987	0.994	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3703	0.2831	0.3327	0.4089	0.4256	0.3902	0.4287	-----	0.377	7.65	0.997	0.996	14**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.2190	-----	1.2583	1.1440	0.9484	0.8915	-----	-----	1.09	8.09	0.978	0.995	15	50.00		25.00	80.00	120.0	160.0		
4-Chlorophenyl-phenyleth	1	0	Avg	0.6880	0.7430	0.7095	0.6015	0.5364	-----	-----	-----	0.656	8.10	0.986	0.999	13	50.00	10.00	25.00	80.00	120.0			
Diethylphthalate	1	0	Avg	1.5893	1.6678	1.6046	1.5168	1.2885	1.3896	1.2604	-----	1.47	7.99	0.991	0.994	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3834	0.4219	0.3736	0.3885	0.3641	0.3615	0.3523	-----	0.378	8.12	0.999	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1357	-----	0.1038	0.1601	0.1606	0.1551	0.1456	-----	0.144	8.15	0.994	0.999	15	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5673	0.5738	0.5664	0.5337	0.4786	0.4150	0.4166	-----	0.507	8.22	0.983	0.995	14*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.1947	0.1860	0.1798	0.1859	0.1738	0.1697	0.1630	-----	0.179	8.36	0.996	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	0.9967	0.9142	0.9820	1.0036	0.8551	0.8324	0.7826	-----	0.910	8.27	0.988	0.998	9.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2844	0.2682	0.2885	0.2856	0.2360	0.2253	0.2217	-----	0.259	8.63	0.988	0.995	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.3892	0.3595	0.3791	0.3717	0.3212	0.3136	0.2965	-----	0.347	8.69	0.985	0.998	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.1921	-----	0.1441	0.2102	0.2020	0.1931	0.1936	-----	0.189	8.92	0.996	0.999	12*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.0890	1.1647	1.0954	1.0583	0.8915	0.8575	0.8374	-----	0.999	9.15	0.991	0.996	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.1187	1.1783	1.1386	1.0520	0.9485	0.8444	0.8210	-----	1.01	9.21	0.986	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.0494	1.0369	0.9867	0.9622	0.9247	0.7896	0.7686	-----	0.931	9.41	0.982	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.5475	-----	1.5608	1.4302	1.2390	1.2352	1.1582	-----	1.36	9.86	0.993	0.997	13	50.00		25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	1.1414	1.2368	1.1036	1.0456	1.0135	0.9081	0.8261	-----	1.04	10.54	0.981	0.999	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.6396	1.6226	1.6190	1.5965	1.4729	1.3780	1.4404	-----	1.54	10.81	0.996	0.997	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.4674	-----	0.4017	0.4910	0.4273	0.3911	0.4232	-----	0.434	10.73	0.986	0.987	8.9	50.00		25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	1.1432	1.0720	1.1152	1.2054	1.0892	1.0943	1.1689	-----	1.13	11.02	0.996	0.997	4.3	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	0.7602	0.7215	0.7466	0.7706	0.7585	0.7425	0.7497	-----	0.750	11.67	1.00	1.00	2.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.3158	-----	0.3421	0.3267	0.3073	0.2760	0.2470	-----	0.303	12.31	0.974	0.999	12	50.00		25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.2899	1.3299	1.3317	1.2915	1.2383	1.1710	1.1356	-----	1.26	12.32	0.996	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.1406	1.2273	1.1765	1.1467	1.0640	1.0491	1.0459	-----	1.12	12.36	0.999	0.999	6.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.0144	0.8922	0.9996	0.9966	0.9646	0.9793	0.9814	-----	0.976	12.46	1.00	1.00	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.2691	1.7191	2.0657	2.3894	2.1711	2.2580	2.4651	-----	2.19	13.31	0.994	0.996	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	1.8658	1.6121	1.6173	1.6931	1.6444	1.5735	1.6414	-----	1.66	13.71	0.997	0.997	5.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	1.4558	1.6375	1.6073	1.5422	1.2458	1.3219	1.2766	-----	1.44	13.74	0.993	0.994	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.4210	1.4321	1.4060	1.4116	1.3229	1.2993	1.2811	-----	1.37	14.11	0.999	1.00	4.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.2510	1.2855	1.2420	1.2597	1.3107	1.2116	1.1238	-----	1.24	15.42	0.991	0.998	4.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.0424	1.0541	1.0078	1.0261	1.0625	0.9937	0.9251	-----	1.02	15.45	0.993	0.998	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	0.9964	1.0589	0.9588	1.0031	1.0708	0.9630	0.8809	-----	0.990	15.71	0.986	0.996	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.0
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05299.D Vial: 2
Acq On : 3 Aug 2005 8:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	39673	40.00	ng	0.00
19) Naphthalene-d8	5.94	136	128050	40.00	ng	0.00
35) Acenaphthene-d10	7.53	164	71936	40.00	ng	0.00
59) Phenanthrene-d10	9.13	188	122199	40.00	ng	0.00
72) Chrysene-d12	12.33	240	86303	40.00	ng	0.00
81) Perylene-d12	14.18	264	51188	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.80	112	57467	50.98	ng	0.00
Spiked Amount 200.000			Recovery = 25.49%			
7) Phenol-d5	4.65	99	77347	51.08	ng	0.00
Spiked Amount 200.000			Recovery = 25.54%			
20) Nitrobenzene-d5	5.38	128	16723	25.97	ng	0.00
Spiked Amount 100.000			Recovery = 25.97%			
40) 2-Fluorobiphenyl	6.87	172	63978	26.92	ng	0.00
Spiked Amount 100.000			Recovery = 26.92%			
62) 2,4,6-Tribromophenol	8.36	332	29747	53.59	ng	0.00
Spiked Amount 200.000			Recovery = 26.80%			
75) Terphenyl-d14	11.02	244	61668	25.52	ng	0.00
Spiked Amount 100.000			Recovery = 25.52%			
Target Compounds						Qvalue
2) Pyridine	2.32	79	85909	56.33	ng	98
3) N-Nitrosodimethylamine	2.27	74	45215	53.36	ng	99
5) Aniline	4.67	93	88026	53.54	ng	39
6) bis(2-Chloroethyl)ether	4.74	93	68671	54.94	ng	94
8) Phenol	4.66	94	87209	53.20	ng	67
9) 2-Chlorophenol	4.77	128	63997	50.95	ng	81
10) 1,3-Dichlorobenzene	4.89	146	66100	49.05	ng	99
11) 1,4-Dichlorobenzene	4.95	146	64865	49.07	ng	98
12) 1,2-Dichlorobenzene	5.07	146	67933	53.46	ng	98
13) Benzyl alcohol	5.06	108	40415	51.35	ng	96
14) bis(2-chloroisopropyl)ethe	5.17	45	149247	49.20	ng	97
15) 2-Methylphenol	5.14	108	51097	47.99	ng	100
16) Hexachloroethane	5.34	117	32835	52.87	ng	74
17) N-Nitroso-di-n-propylamine	5.27	70	55752	51.13	ng	89
18) 3&4-Methylphenol	5.27	108	53725	49.52	ng	100
21) Nitrobenzene	5.39	77	68884	49.98	ng	85
22) Isophorone	5.58	82	129469	50.63	ng	97
23) 2-Nitrophenol	5.64	139	34081	48.75	ng	82
24) 2,4-Dimethylphenol	5.68	107	67135	51.63	ng	95

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05299.D Vial: 2
Acq On : 3 Aug 2005 8:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.76	105	10522	51.87 ng	94
26)	bis(2-Chloroethoxy)methane	5.76	93	77750	50.26 ng	98
27)	2,4-Dichlorophenol	5.83	162	56526	52.67 ng	94
28)	1,2,4-Trichlorobenzene	5.90	180	59328	51.69 ng	98
29)	Naphthalene	5.96	128	155594	53.46 ng	99
30)	4-Chloroaniline	6.00	127	59255	54.18 ng	98
31)	Hexachlorobutadiene	6.05	225	36507	49.63 ng	93
32)	4-Chloro-3-methylphenol	6.40	107	59253	50.26 ng	83
33)	2-Methylnaphthalene	6.55	142	103012	50.51 ng	97
34)	Methylnaphthalene(Total)	6.55	142	103012	50.51 ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.69	216	64403	53.10 ng	97
37)	Hexachlorocyclopentadiene	6.68	237	45464	53.89 ng	98
38)	2,4,6-Trichlorophenol	6.79	196	45343	52.16 ng	99
39)	2,4,5-Trichlorophenol	6.82	196	46633	52.50 ng	98
41)	2-Chloronaphthalene	6.99	162	109150	52.36 ng	97
42)	2-Nitroaniline	7.08	65	61585	50.86 ng	99
43)	1,4-Dimethylnaphthalene	7.30	156	74815	52.31 ng	93
44)	Dimethylnaphthalene(Total)	7.30	156	74815	52.31 ng	93
45)	Diphenyl Ether	7.07	170	93430	53.16 ng	85
46)	Acenaphthylene	7.38	152	175347	54.93 ng	99
47)	Dimethylphthalate	7.26	163	133883	51.70 ng	100
48)	2,6-Dinitrotoluene	7.32	165	33039	53.50 ng	93
49)	Acenaphthene	7.56	153	108815	52.25 ng	98
50)	3-Nitroaniline	7.49	138	29542	55.96 ng	84
51)	2,4-Dinitrophenol	7.59	184	12946	44.55 ng	80
52)	Dibenzofuran	7.73	168	149063	53.38 ng	89
53)	2,4-Dinitrotoluene	7.72	165	43321	53.55 ng	93
54)	4-Nitrophenol	7.65	65	33300	50.25 ng	100
55)	Fluorene	8.09	166	109614	53.69 ng	98
56)	4-Chlorophenyl-phenylether	8.10	204	61868	54.75 ng	93
57)	Diethylphthalate	7.99	149	142915	52.65 ng	99
58)	4-Nitroaniline	8.12	138	34476	50.16 ng	84
60)	4,6-Dinitro-2-methylphenol	8.15	198	20728	54.40 ng	100
61)	n-Nitrosodiphenylamine	8.22	169	86656	54.29 ng	99
63)	1,2-Diphenylhydrazine	8.27	77	152252	53.55 ng	85
64)	4-Bromophenyl-phenylether	8.63	248	43454	53.73 ng	96
65)	Hexachlorobenzene	8.69	284	59455	54.70 ng	98
66)	Pentachlorophenol	8.92	266	29346	56.42 ng	92
67)	Phenanthrene	9.15	178	166352	53.07 ng	99
68)	Anthracene	9.21	178	170892	53.44 ng	99
69)	Carbazole	9.41	167	160300	54.76 ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05299.D Vial: 2
Acq On : 3 Aug 2005 8:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

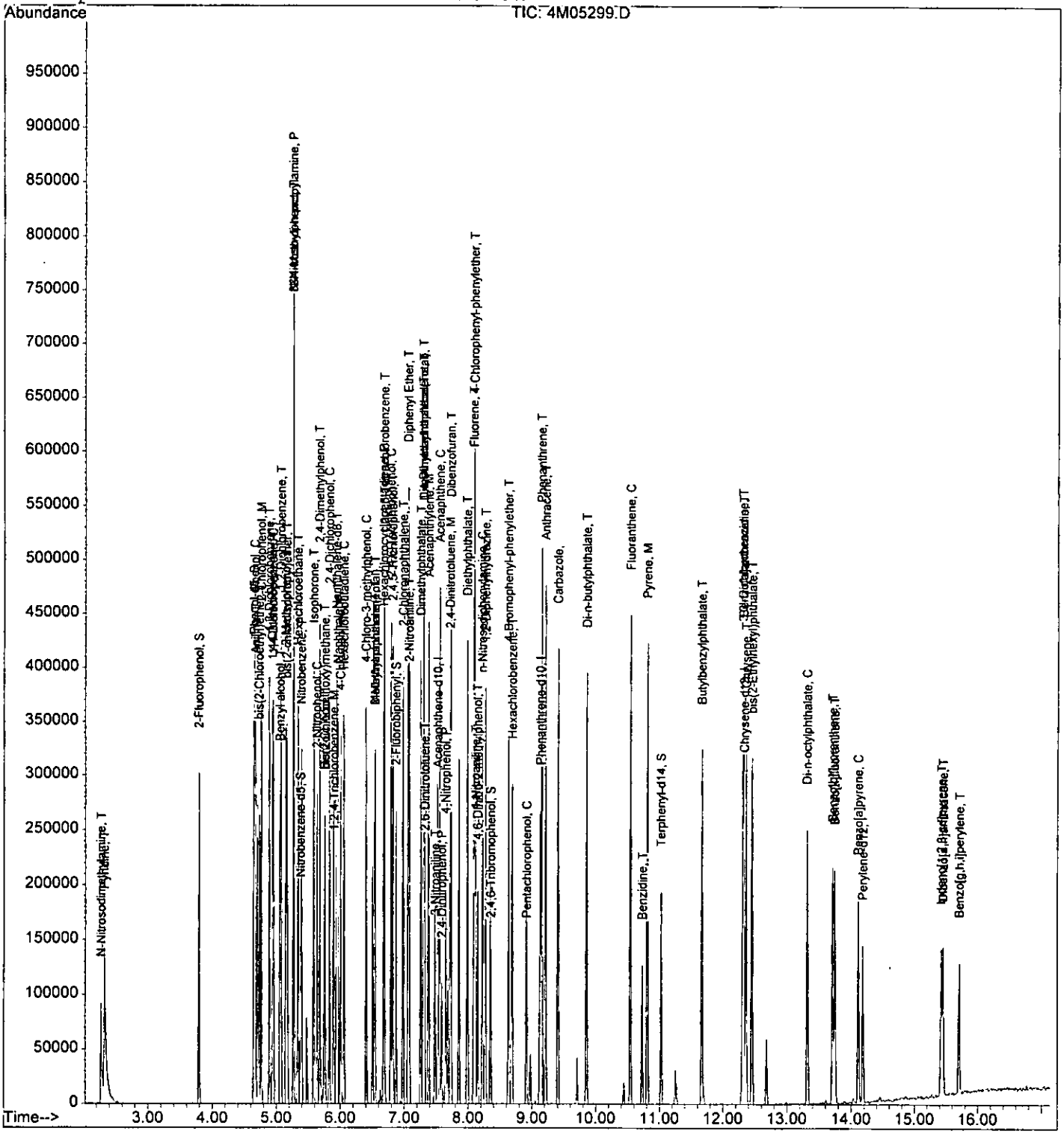
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	236389	51.66	ng	98
71)	Fluoranthene	10.54	202	174359	53.10	ng	90
73)	Pyrene	10.81	202	176886	52.73	ng	85
74)	Benzidine	10.73	184	50425	57.56	ng	99
76)	Butylbenzylphthalate	11.67	149	82010	50.68	ng	91
77)	3,3'-Dichlorobenzidine	12.31	252	34075	47.38	ng	99
78)	Benzo[a]anthracene	12.32	228	139158	50.57	ng	100
79)	Chrysene	12.36	228	123049	50.29	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.46	149	109441	52.05	ng	94
82)	Di-n-octylphthalate	13.31	149	145189	52.88	ng	99
83)	Benzo[b]fluoranthene	13.71	252	119383	55.94	ng	96
84)	Benzo[k]fluoranthene	13.74	252	93154	49.57	ng	95
85)	Benzo[a]pyrene	14.11	252	90928	51.41	ng	98
86)	Indeno[1,2,3-cd]pyrene	15.42	276	80045	49.64	ng	85
87)	Dibenzo[a,h]anthracene	15.45	278	66699	50.55	ng	95
88)	Benzo[g,h,i]perylene	15.71	276	63755	49.40	ng	92

(#) = qualifier out of range (m) = manual integration

0747

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05299.D Vial: 2
Acq On : 3 Aug 2005 8:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05300.D Vial: 3
Acq On : 3 Aug 2005 9:19 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 9:36 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	30220	40.00	ng	-0.09
19) Naphthalene-d8	5.94	136	95624	40.00	ng	-0.09
35) Acenaphthene-d10	7.53	164	54722	40.00	ng	-0.10
59) Phenanthrene-d10	9.13	188	96248	40.00	ng	-0.11
72) Chrysene-d12	12.33	240	78377	40.00	ng	-0.13
81) Perylene-d12	14.18	264	54571	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	8338	9.53	ng	-0.10
Spiked Amount 200.000			Recovery =	4.77%		
7) Phenol-d5	4.64	99	10969	9.48	ng	-0.09
Spiked Amount 200.000			Recovery =	4.74%		
20) Nitrobenzene-d5	5.38	128	2557	5.63	ng	-0.08
Spiked Amount 100.000			Recovery =	5.63%		
40) 2-Fluorobiphenyl	6.87	172	10608	5.66	ng	-0.10
Spiked Amount 100.000			Recovery =	5.66%		
62) 2,4,6-Tribromophenol	8.35	332	4477	9.99	ng	-0.10
Spiked Amount 200.000			Recovery =	5.00%		
75) Terphenyl-d14	11.02	244	10503	5.04	ng	-0.12
Spiked Amount 100.000			Recovery =	5.04%		
Target Compounds						Qvalue
2) Pyridine	2.40	79	8457	6.91	ng	96
3) N-Nitrosodimethylamine	2.32	74	3898	5.41	ng	96
5) Aniline	4.67	93	9168	7.14	ng	21
6) bis(2-Chloroethyl)ether	4.73	93	9317	10.20	ng	92
8) Phenol	4.65	94	12224	9.24	ng	58
9) 2-Chlorophenol	4.77	128	9655	10.22	ng	85
10) 1,3-Dichlorobenzene	4.89	146	10533	10.34	ng	98
11) 1,4-Dichlorobenzene	4.95	146	10279	9.92	ng	95
12) 1,2-Dichlorobenzene	5.07	146	10736	10.59	ng	98
13) Benzyl alcohol	5.05	108	5367	8.97	ng	57
14) bis(2-chloroisopropyl)ethe	5.16	45	22155	9.44	ng	97
15) 2-Methylphenol	5.14	108	8915	11.79	ng	95
16) Hexachloroethane	5.34	117	4685	10.30	ng	75
17) N-Nitroso-di-n-propylamine	5.27	70	8441	11.04	ng	84
18) 3&4-Methylphenol	5.27	108	9426	11.94	ng	100
21) Nitrobenzene	5.39	77	10526	10.29	ng	88
22) Isophorone	5.58	82	18903	10.28	ng	94
23) 2-Nitrophenol	5.63	139	4617	8.87	ng	68
24) 2,4-Dimethylphenol	5.68	107	10772	11.71	ng	98

(#) = qualifier out of range (m) = manual integration

1c818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05300.D Vial: 3
Acq On : 3 Aug 2005 9:19 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 9:36 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.68	105	667	3.45 ng	# 1
26) bis(2-Chloroethoxy)methane	5.75	93	11781	10.03 ng	96
27) 2,4-Dichlorophenol	5.83	162	8385	10.45 ng	90
28) 1,2,4-Trichlorobenzene	5.89	180	8537	9.72 ng	94
29) Naphthalene	5.96	128	23646	9.92 ng	100
30) 4-Chloroaniline	6.00	127	7807	7.77 ng	98
31) Hexachlorobutadiene	6.06	225	5680	9.96 ng	92
32) 4-Chloro-3-methylphenol	6.40	107	8708	10.30 ng	90
33) 2-Methylnaphthalene	6.54	142	17387	11.59 ng	93
34) Methylnaphthalene(Total)	6.54	142	17387	11.59 ng	93
36) 1,2,4,5-Tetrachlorobenzene	6.69	216	10414	10.53 ng	99
37) Hexachlorocyclopentadiene	6.68	237	5209	7.81 ng	99
38) 2,4,6-Trichlorophenol	6.79	196	6851	10.29 ng	97
39) 2,4,5-Trichlorophenol	6.82	196	6856	10.12 ng	95
41) 2-Chloronaphthalene	6.98	162	18177	11.06 ng	94
42) 2-Nitroaniline	7.08	65	9539	10.79 ng	90
43) 1,4-Dimethylnaphthalene	7.30	156	12250	11.06 ng	92
44) Dimethylnaphthalene(Total)	7.30	156	12250	11.06 ng	92
45) Diphenyl Ether	7.07	170	15349	14.25 ng	87
46) Acenaphthylene	7.38	152	27020	10.65 ng	97
47) Dimethylphthalate	7.26	163	21942	11.63 ng	98
48) 2,6-Dinitrotoluene	7.31	165	4630	10.81 ng	80
49) Acenaphthene	7.56	153	18118	11.02 ng	98
50) 3-Nitroaniline	7.47	138	4410	9.74 ng	78
51) 2,4-Dinitrophenol	0.00	184	0	N.D.	
52) Dibenzofuran	7.73	168	24244	11.10 ng	93
53) 2,4-Dinitrotoluene	7.72	165	6255	10.57 ng	96
54) 4-Nitrophenol	7.65	65	3874	8.14 ng	77
55) Fluorene	8.09	166	18461	11.50 ng	95
56) 4-Chlorophenyl-phenylether	8.10	204	10165	11.84 ng	89
57) Diethylphthalate	7.99	149	22817	11.85 ng	97
58) 4-Nitroaniline	8.11	138	5773	12.47 ng	85
60) 4,6-Dinitro-2-methylphenol	8.15	198	791	2.14 ng	100
61) n-Nitrosodiphenylamine	8.22	169	13807	10.48 ng	99
63) 1,2-Diphenylhydrazine	8.26	77	21999	9.55 ng	96
64) 4-Bromophenyl-phenylether	8.63	248	6454	9.96 ng	89
65) Hexachlorobenzene	8.68	284	8652	9.85 ng	70
66) Pentachlorophenol	8.92	266	1923	4.10 ng	96
67) Phenanthrene	9.15	178	28026	10.79 ng	98
68) Anthracene	9.21	178	28354	10.72 ng	99
69) Carbazole	9.41	167	24952	10.68 ng	97

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05300.D Vial: 3
Acq On : 3 Aug 2005 9:19 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 9:36 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

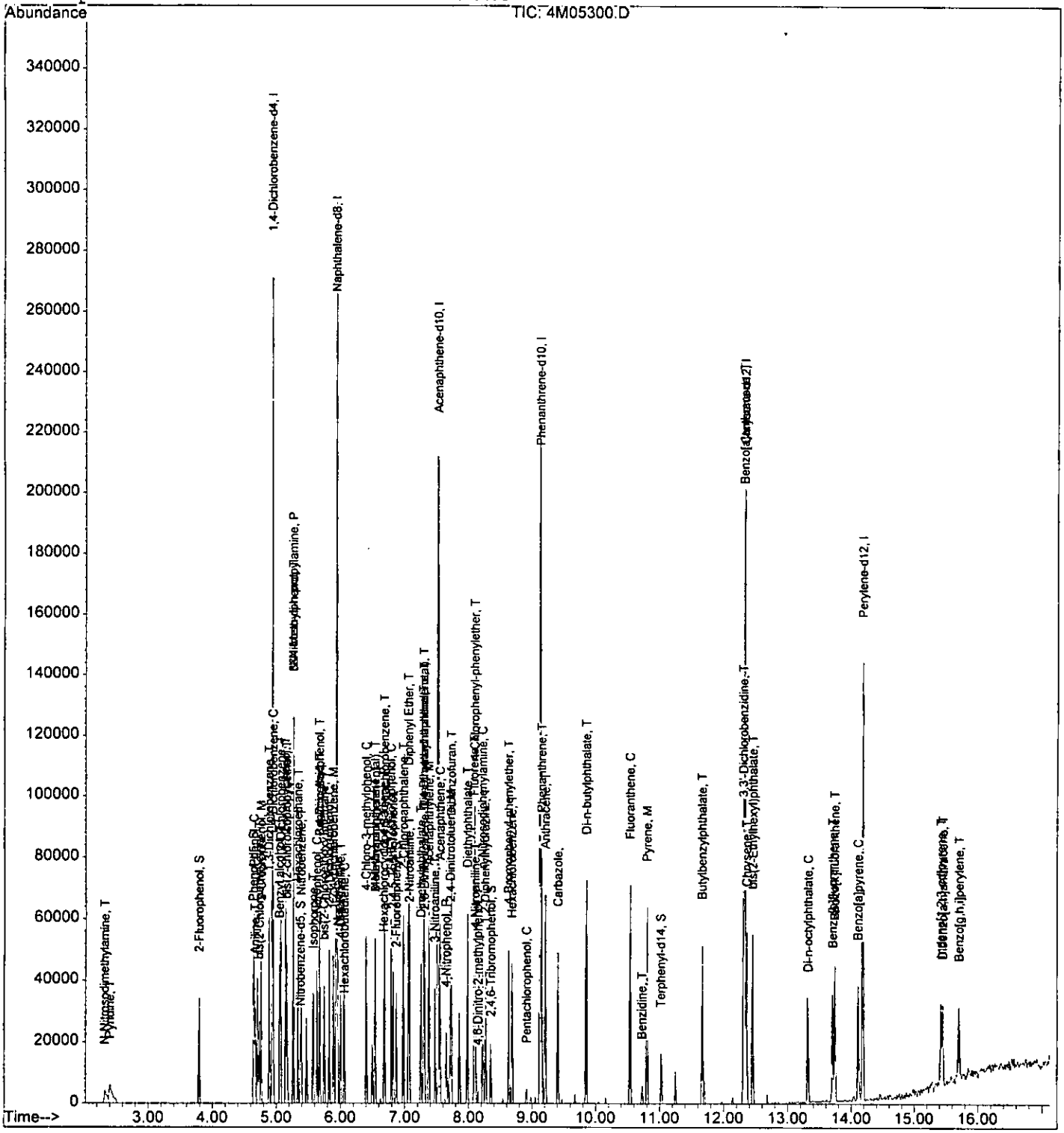
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	47520	14.87	ng	99
71)	Fluoranthene	10.54	202	29760	11.65	ng	87
73)	Pyrene	10.81	202	31795	10.49	ng	86
74)	Benzidine	10.73	184	5048	8.06	ng	93
76)	Butylbenzylphthalate	11.67	149	14139	9.93	ng	95
77)	3,3'-Dichlorobenzidine	12.31	252	8466	9.36	ng	90
78)	Benzo[a]anthracene	12.32	228	26060	10.35	ng	99
79)	Chrysene	12.36	228	24048	10.30	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.45	149	17483	8.99	ng	95
82)	Di-n-octylphthalate	13.32	149	23454	8.49	ng	96
83)	Benzo[b]fluoranthene	13.71	252	21994	10.52	ng	94
84)	Benzo[k]fluoranthene	13.74	252	22340	11.16	ng	97
85)	Benzo[a]pyrene	14.11	252	19538	10.46	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.42	276	17539	8.04	ng	91
87)	Dibenzo[a,h]anthracene	15.45	278	14381	8.20	ng	92
88)	Benzo[g,h,i]perylene	15.71	276	14447	8.01	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05300.D Vial: 3
Acq On : 3 Aug 2005 9:19 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 9:36 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05301.D Vial: 4
Acq On : 3 Aug 2005 9:43 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:00 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	44723	40.00	ng	-0.09
19) Naphthalene-d8	5.94	136	140434	40.00	ng	-0.09
35) Acenaphthene-d10	7.52	164	75558	40.00	ng	-0.11
59) Phenanthrene-d10	9.12	188	127553	40.00	ng	-0.12
72) Chrysene-d12	12.33	240	90498	40.00	ng	-0.13
81) Perylene-d12	14.18	264	57551	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.80	112	30986	23.94	ng	-0.10
Spiked Amount 200.000			Recovery = 11.97%			
7) Phenol-d5	4.64	99	42217	24.66	ng	-0.09
Spiked Amount 200.000			Recovery = 12.33%			
20) Nitrobenzene-d5	5.38	128	8126	12.18	ng	-0.08
Spiked Amount 100.000			Recovery = 12.18%			
40) 2-Fluorobiphenyl	6.87	172	32098	12.39	ng	-0.10
Spiked Amount 100.000			Recovery = 12.39%			
62) 2,4,6-Tribromophenol	8.35	332	14338	24.14	ng	-0.11
Spiked Amount 200.000			Recovery = 12.07%			
75) Terphenyl-d14	11.02	244	31540	13.11	ng	-0.12
Spiked Amount 100.000			Recovery = 13.11%			
Target Compounds						Qvalue
2) Pyridine	2.33	79	44735	24.70	ng	97
3) N-Nitrosodimethylamine	2.27	74	25639	24.03	ng	93
5) Aniline	4.68	93	42578	22.42	ng	31
6) bis(2-Chloroethyl)ether	4.74	93	35042	25.92	ng	83
8) Phenol	4.65	94	45814	23.41	ng	58
9) 2-Chlorophenol	4.77	128	36133	25.84	ng	90
10) 1,3-Dichlorobenzene	4.89	146	41882	27.78	ng	99
11) 1,4-Dichlorobenzene	4.95	146	40304	26.27	ng	96
12) 1,2-Dichlorobenzene	5.07	146	39655	26.42	ng	99
13) Benzyl alcohol	5.05	108	23115	26.11	ng	69
14) bis(2-chloroisopropyl)ethe	5.17	45	85170	24.52	ng	96
15) 2-Methylphenol	5.15	108	32360	28.92	ng	99
16) Hexachloroethane	5.34	117	18337	27.24	ng	55
17) N-Nitroso-di-n-propylamine	5.27	70	31218	27.59	ng	85
18) 3&4-Methylphenol	5.27	108	35346	30.26	ng	95
21) Nitrobenzene	5.39	77	42030	27.97	ng	89
22) Isophorone	5.58	82	70827	26.22	ng	89
23) 2-Nitrophenol	5.64	139	19430	25.41	ng	92
24) 2,4-Dimethylphenol	5.68	107	38860	28.77	ng	98

(#) = qualifier out of range (m) = manual integration

8252

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Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05301.D Vial: 4
Acq On : 3 Aug 2005 9:43 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:00 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.74	105	5249	18.49 ng	95
26)	bis(2-Chloroethoxy)methane	5.75	93	43983	25.51 ng	98
27)	2,4-Dichlorophenol	5.83	162	31352	26.61 ng	89
28)	1,2,4-Trichlorobenzene	5.89	180	33616	26.06 ng	96
29)	Naphthalene	5.95	128	81143	23.18 ng	99
30)	4-Chloroaniline	6.00	127	31873	21.60 ng	95
31)	Hexachlorobutadiene	6.06	225	21704	25.93 ng	98
32)	4-Chloro-3-methylphenol	6.40	107	33315	26.83 ng	89
33)	2-Methylnaphthalene	6.54	142	56869	25.81 ng	96
34)	Methylnaphthalene(Total)	6.54	142	56869	25.81 ng	96
36)	1,2,4,5-Tetrachlorobenzene	6.69	216	36052	26.40 ng	97
37)	Hexachlorocyclopentadiene	6.68	237	24503	26.62 ng	94
38)	2,4,6-Trichlorophenol	6.79	196	27067	29.44 ng	97
39)	2,4,5-Trichlorophenol	6.82	196	24429	26.12 ng	97
41)	2-Chloronaphthalene	6.99	162	58848	25.92 ng	95
42)	2-Nitroaniline	7.08	65	34503	28.28 ng	88
43)	1,4-Dimethylnaphthalene	7.30	156	42475	27.78 ng	96
44)	Dimethylnaphthalene(Total)	7.30	156	42475	27.78 ng	96
45)	Diphenyl Ether	7.07	170	52976	35.62 ng	80
46)	Acenaphthylene	7.38	152	91287	26.07 ng	98
47)	Dimethylphthalate	7.26	163	72655	27.89 ng	99
48)	2,6-Dinitrotoluene	7.31	165	16532	27.95 ng	77
49)	Acenaphthene	7.56	153	59672	26.29 ng	99
50)	3-Nitroaniline	7.48	138	15681	25.08 ng	86
51)	2,4-Dinitrophenol	7.59	184	3598	9.87 ng	76
52)	Dibenzofuran	7.73	168	81724	27.11 ng	95
53)	2,4-Dinitrotoluene	7.72	165	23099	28.27 ng	99
54)	4-Nitrophenol	7.65	65	15714	23.92 ng	83
55)	Fluorene	8.09	166	59425	26.81 ng	97
56)	4-Chlorophenyl-phenylether	8.10	204	33506	28.26 ng	95
57)	Diethylphthalate	7.99	149	75778	28.51 ng	98
58)	4-Nitroaniline	8.11	138	17644	27.60 ng	88
60)	4,6-Dinitro-2-methylphenol	8.15	198	8275	16.89 ng	100
61)	n-Nitrosodiphenylamine	8.22	169	45156	25.86 ng	97
63)	1,2-Diphenylhydrazine	8.26	77	78290	25.63 ng	99
64)	4-Bromophenyl-phenylether	8.63	248	23004	26.79 ng	98
65)	Hexachlorobenzene	8.68	284	30228	25.96 ng	79
66)	Pentachlorophenol	8.91	266	11493	18.49 ng	96
67)	Phenanthrene	9.15	178	87333	25.38 ng	99
68)	Anthracene	9.21	178	90771	25.91 ng	98
69)	Carbazole	9.40	167	78660	25.41 ng	95

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05301.D Vial: 4
Acq On : 3 Aug 2005 9:43 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:00 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

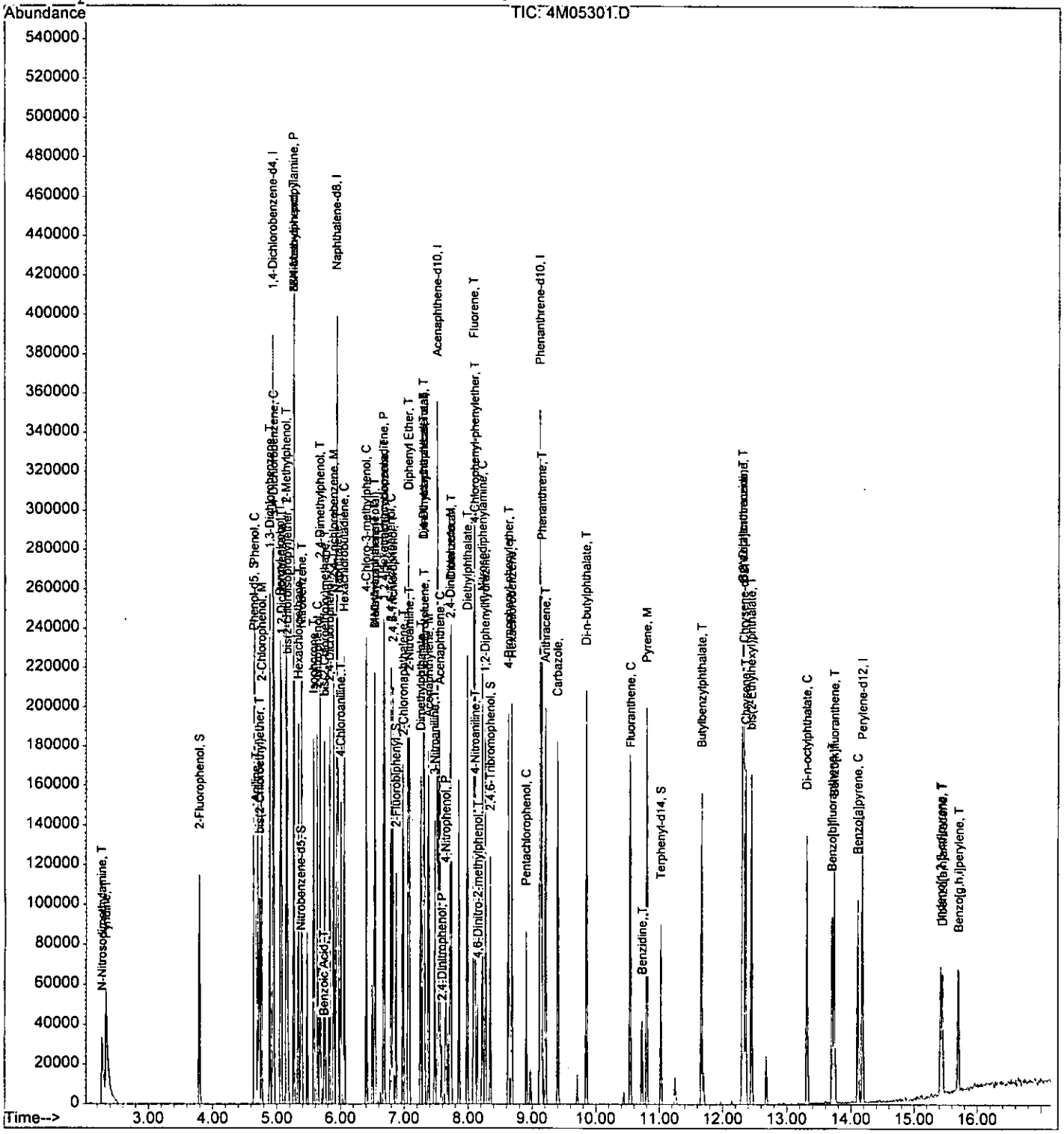
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Di-n-butylphthalate	9.85	149	124432	29.37 ng	99
71)	Fluoranthene	10.54	202	87980	25.99 ng	86
73)	Pyrene	10.80	202	91576	26.17 ng	97
74)	Benzidine	10.73	184	22721	31.41 ng	91
76)	Butylbenzylphthalate	11.67	149	42230	25.68 ng	90
77)	3,3'-Dichlorobenzidine	12.31	252	19350	18.52 ng	95
78)	Benzo[a]anthracene	12.31	228	75324	25.92 ng	98
79)	Chrysene	12.36	228	66545	24.68 ng	98
80)	bis(2-Ethylhexyl)phthalate	12.45	149	56542	25.19 ng	99
82)	Di-n-octylphthalate	13.31	149	74305	25.52 ng	98
83)	Benzo[b]fluoranthene	13.71	252	58175	26.38 ng	95
84)	Benzo[k]fluoranthene	13.74	252	57814	27.38 ng	98
85)	Benzo[a]pyrene	14.11	252	50576	25.67 ng	97
86)	Indeno[1,2,3-cd]pyrene	15.42	276	44676	19.43 ng	83
87)	Dibenzo[a,h]anthracene	15.45	278	36253	19.59 ng	92
88)	Benzo[g,h,i]perylene	15.71	276	34490	18.14 ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05301.D Vial: 4
Acq On : 3 Aug 2005 9:43 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:00 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05302.D Vial: 5
Acq On : 3 Aug 2005 10:07 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:24 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	38055	40.00	ng	-0.09
19) Naphthalene-d8	5.94	136	125850	40.00	ng	-0.09
35) Acenaphthene-d10	7.53	164	72993	40.00	ng	-0.10
59) Phenanthrene-d10	9.13	188	125355	40.00	ng	-0.11
72) Chrysene-d12	12.33	240	82228	40.00	ng	-0.13
81) Perylene-d12	14.18	264	47754	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	90601	82.27	ng	-0.10
Spiked Amount 200.000			Recovery = 41.14%			
7) Phenol-d5	4.65	99	123684	84.92	ng	-0.08
Spiked Amount 200.000			Recovery = 42.46%			
20) Nitrobenzene-d5	5.38	128	25680	42.95	ng	-0.08
Spiked Amount 100.000			Recovery = 42.95%			
40) 2-Fluorobiphenyl	6.87	172	95265	38.08	ng	-0.10
Spiked Amount 100.000			Recovery = 38.08%			
62) 2,4,6-Tribromophenol	8.35	332	46606	79.83	ng	-0.10
Spiked Amount 200.000			Recovery = 39.92%			
75) Terphenyl-d14	11.03	244	99121	45.33	ng	-0.11
Spiked Amount 100.000			Recovery = 45.33%			
Target Compounds						Qvalue
2) Pyridine	2.32	79	110193	71.49	ng	98
3) N-Nitrosodimethylamine	2.27	74	72835	80.23	ng	97
5) Aniline	4.67	93	148960	92.17	ng	45
6) bis(2-Chloroethyl)ether	4.74	93	96140	83.57	ng	97
8) Phenol	4.66	94	129307	77.65	ng	67
9) 2-Chlorophenol	4.77	128	92547	77.77	ng	73
10) 1,3-Dichlorobenzene	4.89	146	98289	76.63	ng	98
11) 1,4-Dichlorobenzene	4.96	146	97548	74.73	ng	97
12) 1,2-Dichlorobenzene	5.07	146	101025	79.10	ng	97
13) Benzyl alcohol	5.06	108	69570	92.37	ng	82
14) bis(2-chloroisopropyl)ethe	5.16	45	243948	82.54	ng	98
15) 2-Methylphenol	5.15	108	80543	84.60	ng	99
16) Hexachloroethane	5.34	117	49119	85.77	ng	85
17) N-Nitroso-di-n-propylamine	5.27	70	88409	91.83	ng	93
18) 3&4-Methylphenol	5.28	108	78992	79.48	ng	96
21) Nitrobenzene	5.40	77	105499	78.36	ng	91
22) Isophorone	5.58	82	194956	80.54	ng	96
23) 2-Nitrophenol	5.65	139	60041	87.61	ng	73
24) 2,4-Dimethylphenol	5.68	107	94399	77.99	ng	88

(#) = qualifier out of range (m) = manual integration

1828

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05302.D Vial: 27
Acq On : 3 Aug 2005 10:07 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:24 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.79	105	19128	75.18 ng	93
26)	bis(2-Chloroethoxy)methane	5.76	93	131119	84.85 ng	99
27)	2,4-Dichlorophenol	5.83	162	82482	78.11 ng	100
28)	1,2,4-Trichlorobenzene	5.90	180	93946	81.28 ng	99
29)	Naphthalene	5.96	128	249345	79.48 ng	99
30)	4-Chloroaniline	6.00	127	97373	73.65 ng	100
31)	Hexachlorobutadiene	6.06	225	57036	76.03 ng	98
32)	4-Chloro-3-methylphenol	6.40	107	94746	85.15 ng	80
33)	2-Methylnaphthalene	6.55	142	168274	85.21 ng	98
34)	Methylnaphthalene(Total)	6.55	142	168274	85.21 ng	98
36)	1,2,4,5-Tetrachlorobenzene	6.69	216	94256	71.44 ng	97
37)	Hexachlorocyclopentadiene	6.68	237	72477	81.51 ng	99
38)	2,4,6-Trichlorophenol	6.79	196	68532	77.17 ng	97
39)	2,4,5-Trichlorophenol	6.82	196	73846	81.72 ng	98
41)	2-Chloronaphthalene	6.98	162	169634	77.35 ng	99
42)	2-Nitroaniline	7.09	65	99115	84.08 ng	66
43)	1,4-Dimethylnaphthalene	7.30	156	111509	75.48 ng	92
44)	Dimethylnaphthalene(Total)	7.30	156	111509	75.48 ng	92
45)	Diphenyl Ether	7.07	170	135235	94.12 ng	92
46)	Acenaphthylene	7.38	152	254362	75.19 ng	97
47)	Dimethylphthalate	7.26	163	199926	79.45 ng	98
48)	2,6-Dinitrotoluene	7.32	165	51641	90.39 ng	83
49)	Acenaphthene	7.56	153	164163	74.87 ng	99
50)	3-Nitroaniline	7.49	138	43368	71.80 ng	95
51)	2,4-Dinitrophenol	7.59	184	24618	69.91 ng	49
52)	Dibenzofuran	7.73	168	227751	78.20 ng	90
53)	2,4-Dinitrotoluene	7.73	165	69951	88.61 ng	93
54)	4-Nitrophenol	7.66	65	59695	94.05 ng	86
55)	Fluorene	8.10	166	167020	78.00 ng	96
56)	4-Chlorophenyl-phenylether	8.10	204	87824	76.66 ng	85
57)	Diethylphthalate	7.99	149	221442	86.24 ng	96
58)	4-Nitroaniline	8.13	138	56719	91.83 ng	92
60)	4,6-Dinitro-2-methylphenol	8.16	198	40159	83.39 ng	100
61)	n-Nitrosodiphenylamine	8.23	169	133816	77.99 ng	98
63)	1,2-Diphenylhydrazine	8.27	77	251635	83.83 ng	92
64)	4-Bromophenyl-phenylether	8.64	248	71616	84.88 ng	85
65)	Hexachlorobenzene	8.69	284	93205	81.44 ng	93
66)	Pentachlorophenol	8.92	266	52709	86.29 ng	96
67)	Phenanthrene	9.15	178	265349	78.46 ng	100
68)	Anthracene	9.21	178	263765	76.60 ng	99
69)	Carbazole	9.41	167	241236	79.31 ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05302.D Vial: 8756
Acq On : 3 Aug 2005 10:07 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:24 2005 Quant Results File: 4M_0803.RES

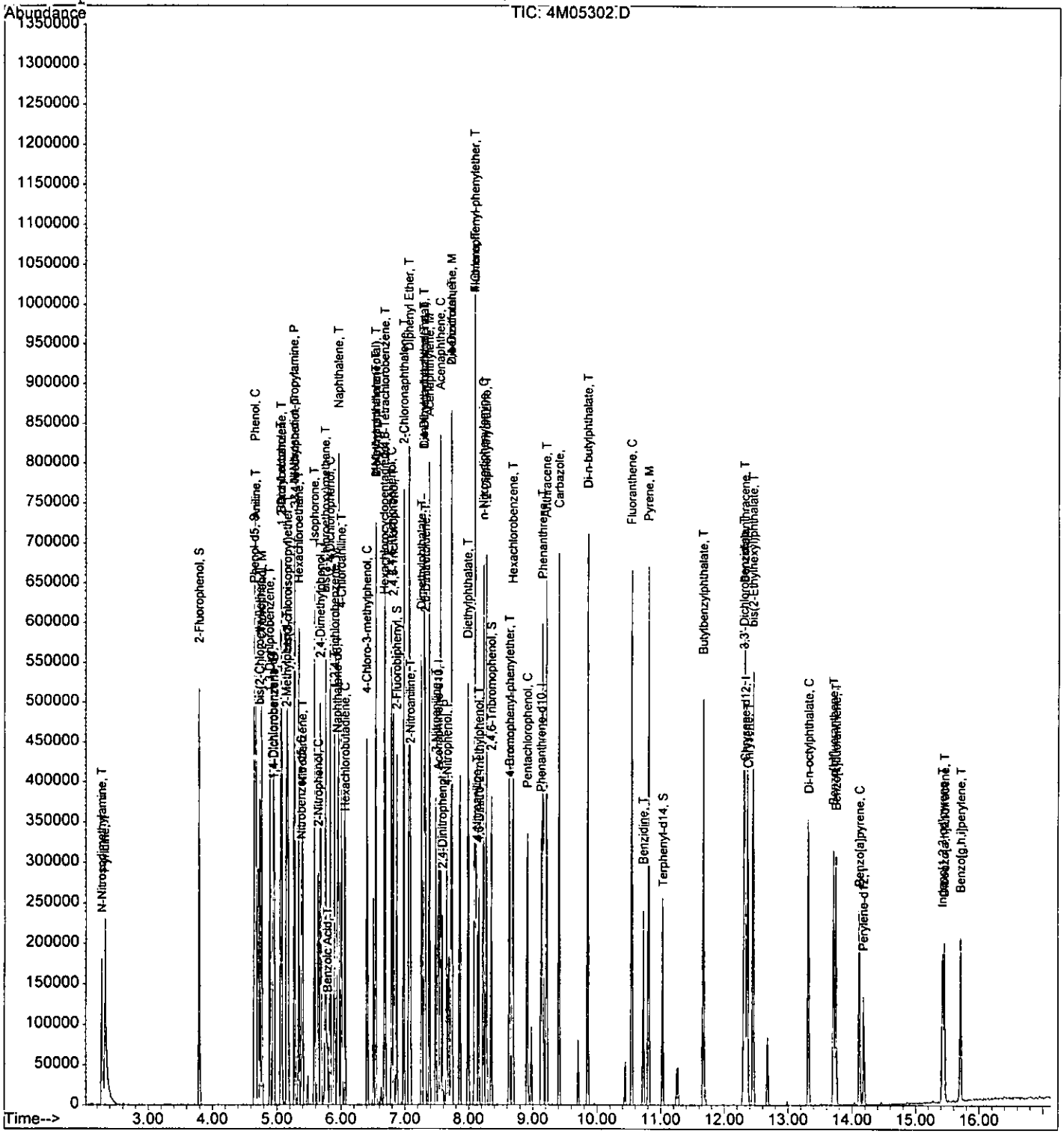
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jul 28 12:16:29 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	358569	86.13	ng	99
71)	Fluoranthene	10.54	202	262150	78.80	ng	99
73)	Pyrene	10.81	202	262559	82.58	ng	93
74)	Benzidine	10.73	184	80751	122.85	ng	99
76)	Butylbenzylphthalate	11.67	149	126733	84.82	ng	99
77)	3,3'-Dichlorobenzidine	12.31	252	53730	56.60	ng	98
78)	Benzo[a]anthracene	12.32	228	212410	80.43	ng	98
79)	Chrysene	12.37	228	188595	76.97	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.45	149	163909	80.37	ng	93
82)	Di-n-octylphthalate	13.32	149	228212	94.45	ng	98
83)	Benzo[b]fluoranthene	13.71	252	161705	88.38	ng	97
84)	Benzo[k]fluoranthene	13.75	252	147295	84.08	ng	98
85)	Benzo[a]pyrene	14.12	252	134825	82.45	ng	93
86)	Indeno[1,2,3-cd]pyrene	15.42	276	120320	63.06	ng	93
87)	Dibenzo[a,h]anthracene	15.45	278	98006	63.83	ng	97
88)	Benzo[g,h,i]perylene	15.71	276	95806	60.74	ng	96

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05302.D Vial: 67
Acq On : 3 Aug 2005 10:07 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 10:24 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05303.D Vial: 8
Acq On : 3 Aug 2005 10:31 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:27 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	43595	40.00	ng	0.00
19) Naphthalene-d8	5.94	136	141452	40.00	ng	0.00
35) Acenaphthene-d10	7.53	164	87716	40.00	ng	0.00
59) Phenanthrene-d10	9.13	188	158300	40.00	ng	0.00
72) Chrysene-d12	12.34	240	111899	40.00	ng	0.00
81) Perylene-d12	14.18	264	77716	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	140357	113.30	ng	0.00
Spiked Amount 200.000			Recovery = 56.65%			
7) Phenol-d5	4.65	99	199212	119.72	ng	0.00
Spiked Amount 200.000			Recovery = 59.86%			
20) Nitrobenzene-d5	5.38	128	41633	58.52	ng	0.00
Spiked Amount 100.000			Recovery = 58.52%			
40) 2-Fluorobiphenyl	6.87	172	150039	51.77	ng	0.00
Spiked Amount 100.000			Recovery = 51.77%			
62) 2,4,6-Tribromophenol	8.35	332	82577	114.84	ng	0.00
Spiked Amount 200.000			Recovery = 57.42%			
75) Terphenyl-d14	11.03	244	182824	58.35	ng	0.00
Spiked Amount 100.000			Recovery = 58.35%			
Target Compounds						Qvalue
2) Pyridine	2.31	79	219757	131.13	ng	96
3) N-Nitrosodimethylamine	2.27	74	119165	127.98	ng	98
5) Aniline	4.67	93	226924	125.62	ng	38
6) bis(2-Chloroethyl)ether	4.75	93	157466	114.64	ng	85
8) Phenol	4.67	94	230585	128.02	ng	92
9) 2-Chlorophenol	4.78	128	166226	120.43	ng	91
10) 1,3-Dichlorobenzene	4.90	146	172119	116.23	ng	98
11) 1,4-Dichlorobenzene	4.96	146	170951	117.69	ng	100
12) 1,2-Dichlorobenzene	5.07	146	145977	104.55	ng	96
13) Benzyl alcohol	5.06	108	92629	107.10	ng	64
14) bis(2-chloroisopropyl)ethe	5.18	45	401940	120.58	ng	98
15) 2-Methylphenol	5.15	108	142079	121.43	ng	99
16) Hexachloroethane	5.34	117	79343	116.27	ng	92
17) N-Nitroso-di-n-propylamine	5.28	70	129025	107.68	ng	93
18) 3&4-Methylphenol	5.28	108	118175	99.12	ng	99
21) Nitrobenzene	5.40	77	194253	127.59	ng	91
22) Isophorone	5.59	82	346664	122.72	ng	98
23) 2-Nitrophenol	5.65	139	101508	131.45	ng	90
24) 2,4-Dimethylphenol	5.69	107	170047	118.38	ng	95

(#) = qualifier out of range (m) = manual integration

1888

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05303.D Vial: 876
Acq On : 3 Aug 2005 10:31 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:27 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.81	105	31896	142.33 ng	97
26)	bis(2-Chloroethoxy)methane	5.76	93	181806	106.39 ng	100
27)	2,4-Dichlorophenol	5.84	162	141402	119.27 ng	92
28)	1,2,4-Trichlorobenzene	5.90	180	149157	117.64 ng	97
29)	Naphthalene	5.96	128	350413	108.99 ng	99
30)	4-Chloroaniline	6.00	127	138148	114.35 ng	99
31)	Hexachlorobutadiene	6.06	225	96115	118.29 ng	97
32)	4-Chloro-3-methylphenol	6.41	107	159089	122.16 ng	95
33)	2-Methylnaphthalene	6.55	142	256347	113.78 ng	95
34)	Methylnaphthalene(Total)	6.55	142	256347	113.78 ng	95
36)	1,2,4,5-Tetrachlorobenzene	6.70	216	154331	104.35 ng	99
37)	Hexachlorocyclopentadiene	6.68	237	119473	116.14 ng	98
38)	2,4,6-Trichlorophenol	6.80	196	112867	106.47 ng	96
39)	2,4,5-Trichlorophenol	6.83	196	126199	116.52 ng	98
41)	2-Chloronaphthalene	6.98	162	260696	102.55 ng	97
42)	2-Nitroaniline	7.09	65	157940	106.97 ng	94
43)	1,4-Dimethylnaphthalene	7.30	156	184732	105.92 ng	89
44)	Dimethylnaphthalene(Total)	7.30	156	184732	105.92 ng	89
45)	Diphenyl Ether	7.07	170	218268	101.85 ng	99
46)	Acenaphthylene	7.38	152	407682	104.74 ng	98
47)	Dimethylphthalate	7.27	163	345526	109.43 ng	100
48)	2,6-Dinitrotoluene	7.33	165	90234	119.83 ng	99
49)	Acenaphthene	7.56	153	265459	104.54 ng	96
50)	3-Nitroaniline	7.49	138	64247	99.81 ng	85
51)	2,4-Dinitrophenol	7.60	184	54038	152.52 ng	82
52)	Dibenzofuran	7.74	168	359778	105.65 ng	93
53)	2,4-Dinitrotoluene	7.73	165	109896	111.40 ng	68
54)	4-Nitrophenol	7.67	65	112018	138.61 ng	81
55)	Fluorene	8.10	166	249580	100.26 ng	99
56)	4-Chlorophenyl-phenylether	8.11	204	141171	102.45 ng	95
57)	Diethylphthalate	8.00	149	339070	102.43 ng	98
58)	4-Nitroaniline	8.14	138	95829	114.34 ng	82
60)	4,6-Dinitro-2-methylphenol	8.17	198	76287	154.56 ng	100
61)	n-Nitrosodiphenylamine	8.24	169	227302	109.92 ng	99
63)	1,2-Diphenylhydrazine	8.27	77	406099	110.25 ng	95
64)	4-Bromophenyl-phenylether	8.64	248	112110	107.01 ng	95
65)	Hexachlorobenzene	8.69	284	152560	108.36 ng	81
66)	Pentachlorophenol	8.92	266	95934	142.38 ng	98
67)	Phenanthrene	9.16	178	423390	104.26 ng	99
68)	Anthracene	9.22	178	450464	108.74 ng	99
69)	Carbazole	9.42	167	439141	115.80 ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05303.D Vial: 27
Acq On : 3 Aug 2005 10:31 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:27 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

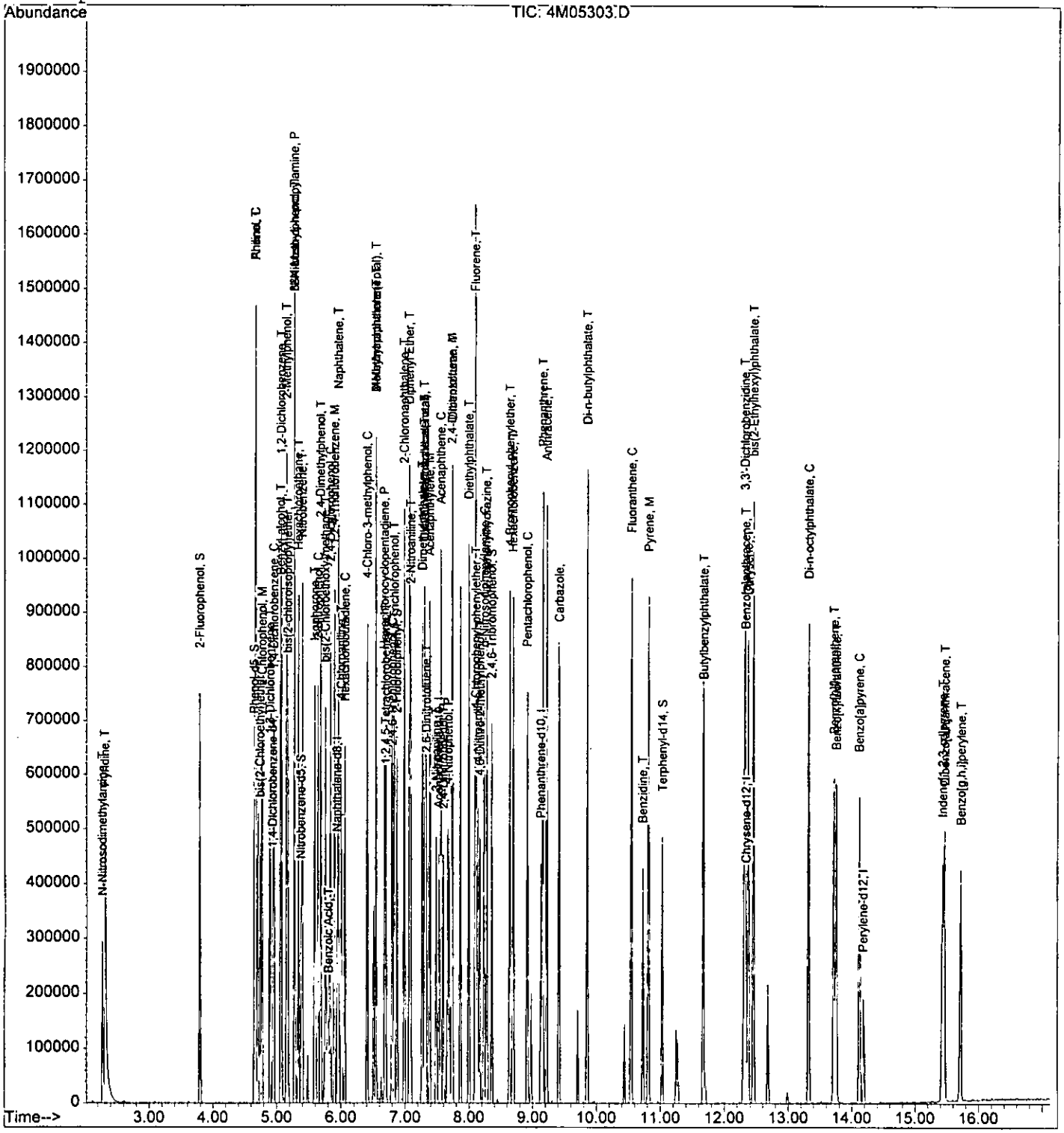
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	588405	99.26	ng	99
71)	Fluoranthene	10.55	202	481345	113.16	ng	88
73)	Pyrene	10.82	202	494469	113.68	ng	83
74)	Benzidine	10.73	184	143442	126.28	ng	94
76)	Butylbenzylphthalate	11.68	149	254657	121.37	ng	78
77)	3,3'-Dichlorobenzidine	12.32	252	103172	110.63	ng	98
78)	Benzo[a]anthracene	12.33	228	415702	116.51	ng	98
79)	Chrysene	12.37	228	357197	112.59	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.45	149	323842	118.79	ng	94
82)	Di-n-octylphthalate	13.32	149	506209	121.44	ng	99
83)	Benzo[b]fluoranthene	13.72	252	383401	118.33	ng	96
84)	Benzo[k]fluoranthene	13.76	252	290468	101.81	ng	96
85)	Benzo[a]pyrene	14.12	252	308441	114.85	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.43	276	305592	124.82	ng	91
87)	Dibenzo[a,h]anthracene	15.46	278	247734	123.66	ng	94
88)	Benzo[g,h,i]perylene	15.72	276	249663	127.41	ng	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05303.D Vial: 8
Acq On : 3 Aug 2005 10:31 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:27 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05304.D Vial: 15
Acq On : 3 Aug 2005 10:55 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	40792	40.00	ng	0.00
19) Naphthalene-d8	5.94	136	142226	40.00	ng	0.00
35) Acenaphthene-d10	7.53	164	86087	40.00	ng	0.00
59) Phenanthrene-d10	9.13	188	163050	40.00	ng	0.00
72) Chrysene-d12	12.34	240	110455	40.00	ng	0.00
81) Perylene-d12	14.19	264	70365	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.80	112	193404	166.85	ng	0.00
Spiked Amount 200.000			Recovery = 83.43%			
7) Phenol-d5	4.66	99	243184	156.19	ng	0.00
Spiked Amount 200.000			Recovery = 78.10%			
20) Nitrobenzene-d5	5.39	128	56513	79.01	ng	0.00
Spiked Amount 100.000			Recovery = 79.01%			
40) 2-Fluorobiphenyl	6.87	172	198110	69.65	ng	0.00
Spiked Amount 100.000			Recovery = 69.65%			
62) 2,4,6-Tribromophenol	8.37	332	110701	149.47	ng	0.00
Spiked Amount 200.000			Recovery = 74.74%			
75) Terphenyl-d14	11.03	244	241751	78.17	ng	0.00
Spiked Amount 100.000			Recovery = 78.17%			
Target Compounds						Qvalue
2) Pyridine	2.32	79	268527	171.24	ng	98
3) N-Nitrosodimethylamine	2.28	74	148938	170.95	ng	96
5) Aniline	4.68	93	284099	168.07	ng	49
6) bis(2-Chloroethyl)ether	4.75	93	199542	155.26	ng	97
8) Phenol	4.67	94	234696	139.25	ng	96
9) 2-Chlorophenol	4.78	128	204098	158.02	ng	85
10) 1,3-Dichlorobenzene	4.90	146	215307	155.38	ng	98
11) 1,4-Dichlorobenzene	4.96	146	211667	155.74	ng	98
12) 1,2-Dichlorobenzene	5.07	146	168640	129.08	ng	98
13) Benzyl alcohol	5.07	108	128406	158.66	ng	78
14) bis(2-chloroisopropyl)ethe	5.18	45	503118	161.30	ng	99
15) 2-Methylphenol	5.15	108	151504	138.39	ng	98
16) Hexachloroethane	5.34	117	92445	144.78	ng	99
17) N-Nitroso-di-n-propylamine	5.29	70	177850	158.63	ng	85
18) 3&4-Methylphenol	5.29	108	167473	150.13	ng	98
21) Nitrobenzene	5.40	77	202908	132.55	ng	88
22) Isophorone	5.59	82	452112	159.18	ng	95
23) 2-Nitrophenol	5.65	139	116626	150.21	ng	98
24) 2,4-Dimethylphenol	5.69	107	198361	137.34	ng	95

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05304.D Vial: 57
Acq On : 3 Aug 2005 10:55 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.83	105	43024	190.94 ng	95
26)	bis(2-Chloroethoxy)methane	5.77	93	267640	155.76 ng	99
27)	2,4-Dichlorophenol	5.84	162	164714	138.18 ng	98
28)	1,2,4-Trichlorobenzene	5.90	180	179648	140.92 ng	97
29)	Naphthalene	5.96	128	428360	132.51 ng	99
30)	4-Chloroaniline	6.01	127	157833	129.94 ng	100
31)	Hexachlorobutadiene	6.06	225	120957	148.05 ng	98
32)	4-Chloro-3-methylphenol	6.41	107	195809	149.54 ng	90
33)	2-Methylnaphthalene	6.55	142	302128	133.38 ng	96
34)	Methylnaphthalene(Total)	6.55	142	302128	133.38 ng	96
36)	1,2,4,5-Tetrachlorobenzene	6.70	216	197469	136.05 ng	98
37)	Hexachlorocyclopentadiene	6.69	237	158016	156.52 ng	95
38)	2,4,6-Trichlorophenol	6.80	196	145976	140.31 ng	97
39)	2,4,5-Trichlorophenol	6.83	196	151856	142.86 ng	98
41)	2-Chloronaphthalene	6.99	162	349123	139.94 ng	94
42)	2-Nitroaniline	7.10	65	223056	153.94 ng	73
43)	1,4-Dimethylnaphthalene	7.31	156	233893	136.64 ng	93
44)	Dimethylnaphthalene(Total)	7.31	156	233893	136.64 ng	93
45)	Diphenyl Ether	7.08	170	284091	135.07 ng	83
46)	Acenaphthylene	7.39	152	516513	135.21 ng	98
47)	Dimethylphthalate	7.27	163	456312	147.26 ng	99
48)	2,6-Dinitrotoluene	7.33	165	105977	143.40 ng	77
49)	Acenaphthene	7.57	153	350074	140.47 ng	98
50)	3-Nitroaniline	7.50	138	81599	129.17 ng	97
51)	2,4-Dinitrophenol	7.60	184	73583	211.62 ng	74
52)	Dibenzofuran	7.74	168	423440	126.70 ng	90
53)	2,4-Dinitrotoluene	7.74	165	128888	133.12 ng	68
54)	4-Nitrophenol	7.67	65	134390	169.44 ng	96
55)	Fluorene	8.10	166	307000	125.66 ng	99
56)	4-Chlorophenyl-phenylether	8.11	204	169261	125.16 ng	91
57)	Diethylphthalate	8.01	149	478528	147.30 ng	98
58)	4-Nitroaniline	8.15	138	124486	151.34 ng	81
60)	4,6-Dinitro-2-methylphenol	8.18	198	101177	199.01 ng	100
61)	n-Nitrosodiphenylamine	8.24	169	270712	127.10 ng	95
63)	1,2-Diphenylhydrazine	8.28	77	542952	143.11 ng	87
64)	4-Bromophenyl-phenylether	8.64	248	146951	136.19 ng	98
65)	Hexachlorobenzene	8.70	284	204535	141.04 ng	96
66)	Pentachlorophenol	8.92	266	125946	181.47 ng	95
67)	Phenanthrene	9.16	178	559269	133.71 ng	99
68)	Anthracene	9.22	178	550726	129.07 ng	99
69)	Carbazole	9.42	167	514996	131.84 ng	97

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05304.D Vial: 8
Acq On : 3 Aug 2005 10:55 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 10:51:44 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

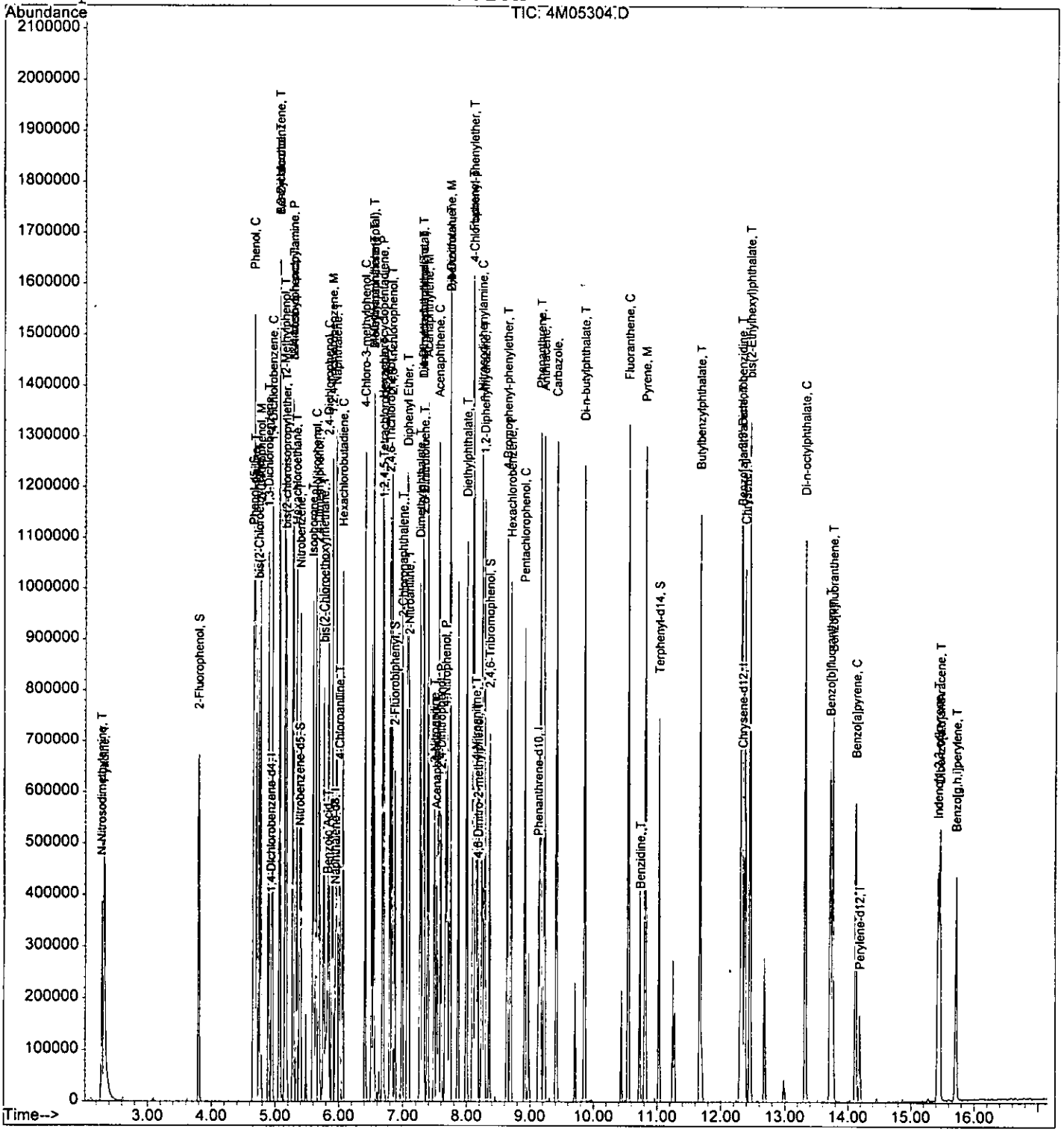
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	805630	131.94 ng	99
71)	Fluoranthene	10.55	202	592322	135.19 ng	94
73)	Pyrene	10.82	202	608835	141.81 ng	90
74)	Benzidine	10.74	184	172809	154.13 ng	92
76)	Butylbenzylphthalate	11.68	149	328092	158.41 ng	90
77)	3,3'-Dichlorobenzidine	12.32	252	121977	132.51 ng	97
78)	Benzo[a]anthracene	12.33	228	517393	146.90 ng	99
79)	Chrysene	12.38	228	463554	148.02 ng	99
80)	bis(2-Ethylhexyl)phthalate	12.45	149	432716	160.80 ng	95
82)	Di-n-octylphthalate	13.32	149	635547	168.40 ng	99
83)	Benzo[b]fluoranthene	13.72	252	442884	150.96 ng	97
84)	Benzo[k]fluoranthene	13.76	252	372061	144.03 ng	99
85)	Benzo[a]pyrene	14.13	252	365711	150.41 ng	95
86)	Indeno[1,2,3-cd]pyrene	15.43	276	341022	153.84 ng	89
87)	Dibenzo[a,h]anthracene	15.46	278	279686	154.19 ng	96
88)	Benzo[g,h,i]perylene	15.72	276	271068	152.79 ng	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05304.D Vial: 97
Acq On : 3 Aug 2005 10:55 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 11:28 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05305.D Vial: 8
Acq On : 3 Aug 2005 11:19 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 12:15 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 11:27:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	44370	40.00	ng	0.00
19) Naphthalene-d8	5.94	136	145276	40.00	ng	0.00
35) Acenaphthene-d10	7.53	164	91941	40.00	ng	0.00
59) Phenanthrene-d10	9.13	188	168689	40.00	ng	0.00
72) Chrysene-d12	12.34	240	98308	40.00	ng	0.01
81) Perylene-d12	14.19	264	56071	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.81	112	239180	189.70	ng	0.01
Spiked Amount 200.000			Recovery = 94.85%			
7) Phenol-d5	4.67	99	300243	177.28	ng	0.01
Spiked Amount 200.000			Recovery = 88.64%			
20) Nitrobenzene-d5	5.39	128	70739	96.82	ng	0.01
Spiked Amount 100.000			Recovery = 96.82%			
40) 2-Fluorobiphenyl	6.87	172	239754	78.93	ng	0.00
Spiked Amount 100.000			Recovery = 78.93%			
62) 2,4,6-Tribromophenol	8.37	332	137559	179.52	ng	0.01
Spiked Amount 200.000			Recovery = 89.76%			
75) Terphenyl-d14	11.04	244	287293	104.38	ng	0.01
Spiked Amount 100.000			Recovery = 104.38%			
Target Compounds						Qvalue
2) Pyridine	2.32	79	306077	179.45	ng	98
3) N-Nitrosodimethylamine	2.29	74	197613	193.22	ng	100
5) Aniline	4.69	93	327233	177.98	ng	38
6) bis(2-Chloroethyl)ether	4.75	93	227081	162.44	ng	98
8) Phenol	4.69	94	324044	176.76	ng	95
9) 2-Chlorophenol	4.78	128	246298	175.32	ng	83
10) 1,3-Dichlorobenzene	4.90	146	264954	175.79	ng	98
11) 1,4-Dichlorobenzene	4.96	146	254561	172.19	ng	99
12) 1,2-Dichlorobenzene	5.08	146	189354	133.25	ng	95
13) Benzyl alcohol	5.08	108	147574	167.64	ng	74
14) bis(2-chloroisopropyl)ethe	5.18	45	604247	178.11	ng	98
15) 2-Methylphenol	5.16	108	182284	153.07	ng	99
16) Hexachloroethane	5.34	117	113972	164.10	ng	89
17) N-Nitroso-di-n-propylamine	5.29	70	197477	161.93	ng	94
18) 3&4-Methylphenol	5.29	108	206177	169.92	ng	99
21) Nitrobenzene	5.40	77	243861	155.96	ng	89
22) Isophorone	5.60	82	569789	196.40	ng	96
23) 2-Nitrophenol	5.65	139	145240	183.14	ng	97
24) 2,4-Dimethylphenol	5.69	107	255860	173.43	ng	92

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05305.D Vial: 8
Acq On : 3 Aug 2005 11:19 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 12:15 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 11:27:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.83	105	45688	178.52 ng	96
26)	bis(2-Chloroethoxy)methane	5.77	93	314216	179.03 ng	98
27)	2,4-Dichlorophenol	5.84	162	202995	166.71 ng	96
28)	1,2,4-Trichlorobenzene	5.90	180	222136	170.58 ng	96
29)	Naphthalene	5.96	128	505454	153.07 ng	99
30)	4-Chloroaniline	6.01	127	174670	140.78 ng	99
31)	Hexachlorobutadiene	6.07	225	143761	172.27 ng	98
32)	4-Chloro-3-methylphenol	6.41	107	250514	187.31 ng	92
33)	2-Methylnaphthalene	6.55	142	349764	151.16 ng	96
34)	Methylnaphthalene(Total)	6.55	142	349764	151.16 ng	96
36)	1,2,4,5-Tetrachlorobenzene	6.70	216	241157	155.57 ng	97
37)	Hexachlorocyclopentadiene	6.68	237	184176	170.81 ng	97
38)	2,4,6-Trichlorophenol	6.80	196	180363	162.32 ng	95
39)	2,4,5-Trichlorophenol	6.83	196	188314	165.88 ng	99
41)	2-Chloronaphthalene	6.99	162	407102	152.79 ng	95
42)	2-Nitroaniline	7.10	65	276838	178.89 ng	80
43)	1,4-Dimethylnaphthalene	7.31	156	285049	155.93 ng	95
44)	Dimethylnaphthalene(Total)	7.31	156	285049	155.93 ng	95
45)	Diphenyl Ether	7.07	170	336052	149.60 ng	98
46)	Acenaphthylene	7.40	152	636399	155.99 ng	99
47)	Dimethylphthalate	7.27	163	577125	174.38 ng	99
48)	2,6-Dinitrotoluene	7.33	165	135733	171.97 ng	78
49)	Acenaphthene	7.57	153	431925	162.27 ng	99
50)	3-Nitroaniline	7.50	138	90808	134.60 ng	92
51)	2,4-Dinitrophenol	7.61	184	102289	275.44 ng	87
52)	Dibenzofuran	7.74	168	496356	139.06 ng	88
53)	2,4-Dinitrotoluene	7.75	165	175249	169.48 ng	61
54)	4-Nitrophenol	7.68	65	197080	232.66 ng	92
55)	Fluorene	8.10	166	372934	142.93 ng	100
56)	4-Chlorophenyl-phenylether	8.11	204	195906	135.64 ng	91
57)	Diethylphthalate	8.01	149	579412	167.00 ng	99
58)	4-Nitroaniline	8.16	138	161988	184.39 ng	79
60)	4,6-Dinitro-2-methylphenol	8.18	198	122882	203.63 ng	100
61)	n-Nitrosodiphenylamine	8.24	169	351406	159.48 ng	97
63)	1,2-Diphenylhydrazine	8.29	77	660144	168.19 ng	87
64)	4-Bromophenyl-phenylether	8.64	248	187050	167.55 ng	98
65)	Hexachlorobenzene	8.70	284	250158	166.73 ng	94
66)	Pentachlorophenol	8.92	266	163353	205.68 ng	96
67)	Phenanthrene	9.16	178	706348	163.23 ng	100
68)	Anthracene	9.23	178	692541	156.88 ng	100
69)	Carbazole	9.42	167	648285	160.42 ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05305.D Vial: 8
Acq On : 3 Aug 2005 11:19 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 12:15 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 11:27:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

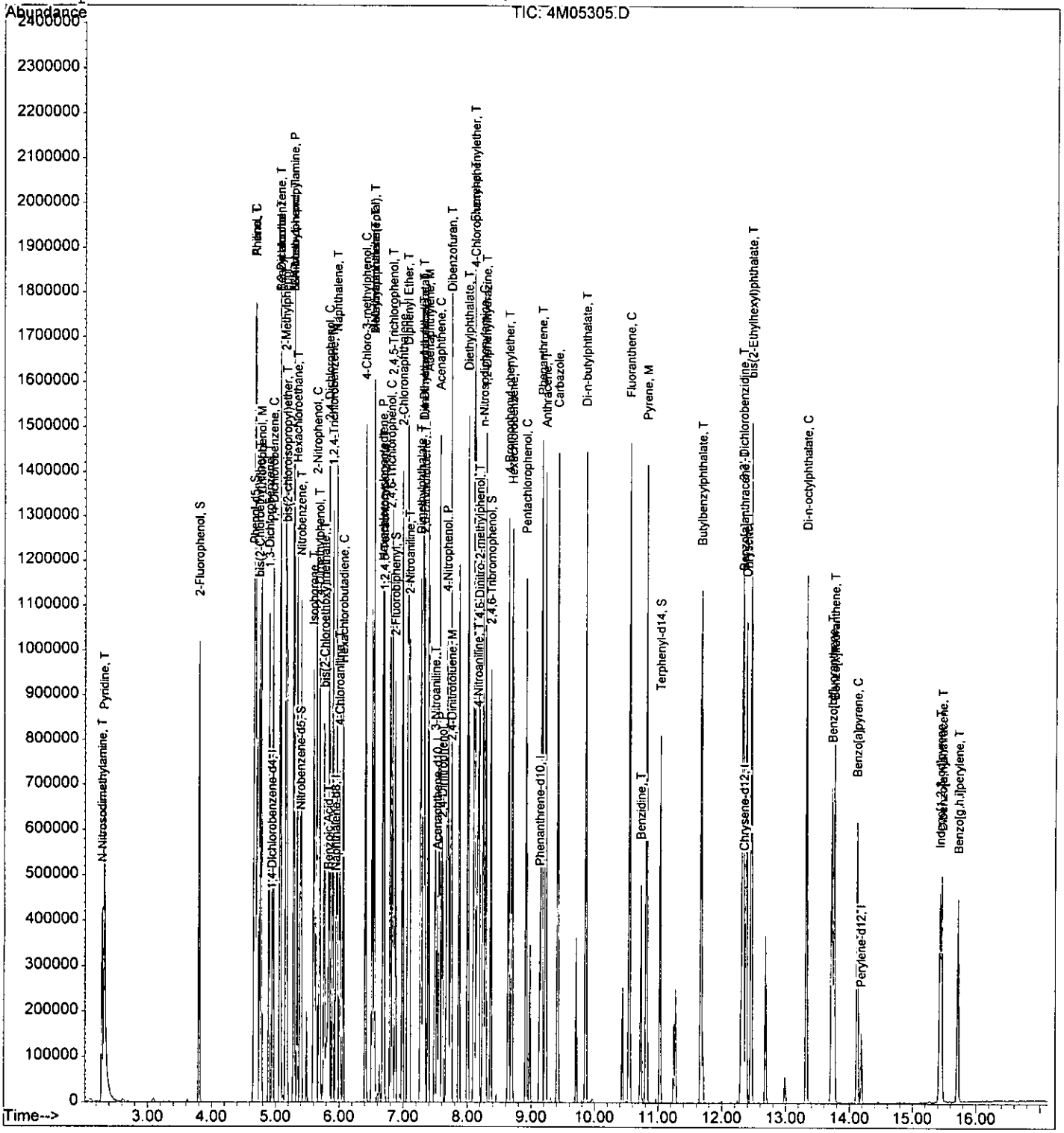
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	976894	154.64	ng	99
71)	Fluoranthene	10.56	202	696818	153.72	ng	95
73)	Pyrene	10.82	202	708018	185.28	ng	92
74)	Benzidine	10.73	184	208054	194.29	ng	93
76)	Butylbenzylphthalate	11.68	149	368550	199.93	ng	86
77)	3,3'-Dichlorobenzidine	12.32	252	121437	148.22	ng	98
78)	Benzo[a]anthracene	12.33	228	558194	178.07	ng	99
79)	Chrysene	12.39	228	514143	184.46	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.46	149	482403	201.41	ng	92
82)	Di-n-octylphthalate	13.33	149	691110	229.80	ng	99
83)	Benzo[b]fluoranthene	13.72	252	460181	196.85	ng	96
84)	Benzo[k]fluoranthene	13.77	252	357910m	173.88	ng	
85)	Benzo[a]pyrene	14.12	252	359176	185.38	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.43	276	315081	178.37	ng	87
87)	Dibenzo[a,h]anthracene	15.46	278	259370	179.44	ng	94
88)	Benzo[g,h,i]perylene	15.72	276	246975	174.69	ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05305.D Vial: 8
Acq On : 3 Aug 2005 11:19 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 12:15 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M03619.	CAL BNA@50PPM	08/09/05 10:52	2	6M03620.	CAL BNA@10PPM	08/09/05 11:16
3	6M03621.	CAL BNA@25PPM	08/09/05 11:40	4	6M03622.	CAL BNA@80PPM	08/09/05 12:04
5	6M03623.	CAL BNA@120PPM	08/09/05 12:27	6	6M03624.	CAL BNA@160PPM	08/09/05 12:51
7	6M03625.	CAL BNA@200PPM	08/09/05 13:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.3982	-----	-----	1.5656	1.5276	1.6588	1.3027	-----	1.49	2.32	0.932	0.973	9.4	50.00			80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.7658	-----	-----	0.8415	0.9767	0.9648	0.8646	-----	0.883	2.28	0.977	0.995	10	50.00			80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1995	1.1306	1.1370	1.1794	1.2207	1.2116	1.1205	-----	1.17	3.44	0.996	0.998	3.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8771	1.8839	1.9597	1.8770	1.8343	1.8099	1.7955	-----	1.86	4.23	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5261	0.4644	0.5260	0.5250	0.5128	0.5225	0.4370	-----	0.502	4.27	0.980	0.993	7.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.4258	1.5064	1.3905	1.3913	1.3669	1.3414	1.2037	-----	1.38	4.28	0.991	0.998	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.6025	1.6718	1.4811	1.5424	1.6389	1.5515	1.4583	-----	1.56	4.20	0.995	0.998	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.8340	1.7594	1.7373	1.8185	1.7451	1.7384	1.6362	-----	1.75	4.21	0.998	1.00	3.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.3365	1.3250	1.2614	1.3383	1.3094	1.2802	1.2230	-----	1.30	4.32	0.998	1.00	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.3535	1.4547	1.3649	1.3961	1.3599	1.2978	1.1579	-----	1.34	4.44	0.987	0.998	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.4353	1.4496	1.4875	1.4474	1.4294	1.3296	1.1569	-----	1.39	4.50	0.979	0.997	8.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.3360	1.4200	1.4065	1.3318	1.3595	1.2823	1.1324	-----	1.32	4.61	0.985	0.997	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.8500	0.7685	0.7593	0.8406	0.8267	0.8225	0.7776	-----	0.807	4.58	0.997	0.999	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	3.4412	3.5619	3.2841	3.4627	3.4021	3.3170	3.1015	-----	3.37	4.69	0.996	0.999	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.1070	1.1466	1.0312	1.1114	1.1155	1.0908	0.9805	-----	1.08	4.67	0.991	0.998	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6434	0.6644	0.7001	0.6493	0.6570	0.6339	0.5484	-----	0.642	4.86	0.984	0.995	7.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.1010	1.0762	0.9874	1.0545	1.0140	0.9700	0.9573	-----	1.02	4.79	0.998	0.999	5.4**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.1816	1.2176	1.1333	1.1259	1.1148	1.0183	0.9620	-----	1.11	4.78	0.991	0.999	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.2204	0.1642	0.1869	0.2061	0.2174	0.2102	0.2074	-----	0.202	4.89	0.999	0.999	9.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4759	0.3984	0.4130	0.4357	0.4357	0.4234	0.3948	-----	0.425	4.91	0.994	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8584	0.8670	0.7739	0.8042	0.8067	0.7554	0.7583	-----	0.803	5.09	0.998	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2489	0.1918	0.2165	0.2394	0.2379	0.2240	0.2302	-----	0.227	5.15	0.998	0.999	8.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.3907	0.3944	0.3617	0.3694	0.3801	0.3585	0.3470	-----	0.372	5.18	0.997	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0594	-----	-----	0.0539	0.0611	0.0622	0.0720	-----	0.0618	5.26	0.981	0.997	11	50.00			80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.5074	0.4882	0.4705	0.5022	0.4847	0.4476	0.4277	-----	0.476	5.25	0.992	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3382	0.2983	0.3140	0.3268	0.3134	0.3058	0.2953	-----	0.313	5.33	0.997	1.00	4.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3573	0.3466	0.3775	0.3510	0.3422	0.3331	0.3030	-----	0.344	5.40	0.992	0.999	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.0337	1.0606	1.0217	0.9758	0.9504	0.8816	0.8090	-----	0.962	5.46	0.989	1.00	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4412	0.4545	0.4359	0.4112	0.3653	0.3171	-----	-----	0.404	5.50	0.974	1.00	13	50.00	10.00	25.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.1721	0.1906	0.2026	0.1916	0.1654	0.1500	0.1438	-----	0.174	5.55	0.984	0.996	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3447	0.3172	0.2902	0.3409	0.3331	0.3141	0.3134	-----	0.322	5.89	0.997	0.999	5.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6459	0.6456	0.5852	0.6170	0.5965	0.5657	0.5172	-----	0.596	6.03	0.990	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.6459	0.6456	0.5852	0.6170	0.5965	0.5657	0.5172	-----	0.596	6.03	0.990	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5272	0.5303	0.6603	0.5291	0.5336	0.5239	0.4591	-----	0.538	6.17	0.987	0.995	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.2865	0.1817	0.2215	0.3122	0.3176	0.3153	0.2957	-----	0.276	6.16	0.996	0.999	19**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.4175	0.3841	0.3581	0.4055	0.4064	0.4116	0.3837	-----	0.395	6.27	0.997	0.999	5.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4585	0.3828	0.4370	0.4784	0.4557	0.4541	0.4448	-----	0.445	6.30	0.999	1.00	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2574	1.2639	1.3597	1.2583	1.2656	1.2096	1.1489	-----	1.25	6.35	0.997	0.999	5.1	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1715	1.1875	1.3203	1.1373	1.1341	1.0557	0.9605	-----	1.14	6.46	0.989	0.999	9.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.6633	0.5645	0.5887	0.6237	0.6304	0.5977	0.5875	-----	0.608	6.55	0.997	0.999	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.9997	1.0423	1.0913	0.9398	0.9429	0.9044	0.7926	-----	0.959	6.55	0.986	0.997	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	1.8485	1.8424	1.9282	1.7667	1.7207	1.6431	1.5179	-----	1.75	6.85	0.993	1.00	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.45
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M03619.	CAL BNA@50PPM	08/09/05 10:52	2	6M03620.	CAL BNA@10PPM	08/09/05 11:16
3	6M03621.	CAL BNA@25PPM	08/09/05 11:40	4	6M03622.	CAL BNA@80PPM	08/09/05 12:04
5	6M03623.	CAL BNA@120PPM	08/09/05 12:27	6	6M03624.	CAL BNA@160PPM	08/09/05 12:51
7	6M03625.	CAL BNA@200PPM	08/09/05 13:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dimethylphthalate	1	0	Avg	1.3917	1.4453	1.3711	1.3394	1.3007	1.2367	1.2269	-----	1.33	6.73	0.998	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8166	0.8986	0.9214	0.7963	0.7783	0.7280	0.6691	-----	0.801	6.77	0.991	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.8166	0.8986	0.9214	0.7963	0.7783	0.7280	0.6691	-----	0.801	6.77	0.991	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3413	0.2748	0.2358	0.3315	0.3469	0.3309	0.3358	-----	0.314	6.79	0.998	0.998	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.1225	1.1719	1.1754	1.0550	1.0288	0.9798	0.8852	-----	1.06	7.03	0.990	0.999	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.4119	0.3181	0.3362	0.3609	0.3235	0.2630	0.2751	-----	0.327	6.95	0.966	0.984	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1252	-----	-----	0.1398	0.1703	0.1797	0.2335	-----	0.170	7.06	0.964	0.993	25**(0.050)	50.00			80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6463	1.7029	1.7310	1.5145	1.5528	1.4480	1.2688	-----	1.55	7.20	0.983	0.997	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.5048	0.3483	0.3419	0.4558	0.4551	0.4180	0.4014	-----	0.418	7.19	0.989	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3356	-----	-----	0.3187	0.3116	0.2923	0.3298	-----	0.318	7.11	0.992	0.992	5.3**(0.050)	50.00			80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2900	-----	0.2023	0.2878	0.2888	0.2809	0.2636	-----	0.269	7.33	0.992	1.00	13	50.00		25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.2002	1.2790	1.2131	1.1131	1.0481	0.9652	0.8665	-----	1.10	7.56	0.986	1.00	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.5766	0.6596	0.6378	0.5513	0.5393	0.4760	0.4399	-----	0.554	7.57	0.984	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.4370	1.4235	1.2932	1.3901	1.3947	1.2360	1.2749	-----	1.35	7.45	0.994	0.996	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.4450	0.3346	0.3259	0.4305	0.4195	0.3856	0.4196	-----	0.394	7.58	0.994	0.994	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1472	-----	-----	0.1614	0.1699	0.1784	0.1875	-----	0.169	7.62	0.999	1.00	9.2	50.00			80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5984	0.5710	0.5810	0.6026	0.5747	0.5874	0.5354	-----	0.579	7.69	0.994	0.998	3.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0741	0.0577	0.0737	0.0844	0.0835	0.0868	0.0839	-----	0.0778	7.82	0.999	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.1172	1.0152	1.1195	1.1064	1.0965	1.1002	0.9779	-----	1.08	7.73	0.991	0.997	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.1993	0.1858	0.1936	0.2136	0.2004	0.2082	0.1891	-----	0.199	8.10	0.994	0.997	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.2131	0.2133	0.2242	0.2284	0.2185	0.2201	0.2108	-----	0.218	8.16	0.999	0.999	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.0976	-----	-----	0.0971	0.1031	0.1122	0.1202	-----	0.106	8.38	0.993	1.00	9.4*(30)	50.00			80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.1525	1.1603	1.1263	1.1063	1.0709	1.0731	0.9400	-----	1.09	8.62	0.988	0.997	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.1463	1.1281	1.1571	1.1275	1.0911	1.0665	0.9683	-----	1.10	8.68	0.992	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1287	1.0682	1.0695	1.0558	1.0472	1.0281	0.9689	-----	1.05	8.87	0.997	0.999	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.4844	1.4088	1.3258	1.4866	1.4235	1.3666	1.3288	-----	1.40	9.31	0.997	1.00	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	1.1000	1.0121	0.9600	1.0172	0.9947	0.9394	0.8857	-----	0.987	10.00	0.993	0.999	6.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	2.0075	1.9656	1.7893	2.1259	1.9363	2.1017	1.9777	-----	1.99	10.26	0.996	0.997	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.5109	0.5747	0.4300	0.5269	0.4871	0.4737	0.4986	-----	0.500	10.18	0.997	0.997	9.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	0.9932	0.9147	0.8932	1.1874	1.0851	1.1122	1.1662	-----	1.05	10.49	0.997	0.997	11	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	1.0186	-----	0.7261	1.0575	1.0542	1.0595	1.0493	-----	0.994	11.12	0.999	1.00	13	50.00		25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.4121	0.3359	0.3303	0.3549	0.3302	0.2922	0.2483	-----	0.329	11.76	0.950	0.998	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.3311	1.3774	1.2043	1.2765	1.3349	1.2983	1.2442	-----	1.30	11.77	0.998	0.999	4.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.1878	1.2828	1.2344	1.1762	1.3099	1.2326	1.1490	-----	1.22	11.81	0.993	0.996	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.1281	-----	0.8679	1.2390	1.3096	1.3014	1.2982	-----	1.19	11.90	0.999	1.00	14	50.00		25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.6189	-----	1.5637	2.7001	2.8441	2.8860	3.2272	-----	2.64	12.76	0.994	0.997	21*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	1.6547	1.5841	1.4189	1.5018	1.5650	1.4792	1.5284	-----	1.53	13.16	0.998	0.998	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	1.8492	1.6038	1.8413	1.6836	1.7225	1.7031	1.5548	-----	1.71	13.20	0.994	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.5497	1.4403	1.4450	1.4132	1.4690	1.4198	1.3894	-----	1.45	13.56	0.999	0.999	3.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.2513	1.0831	1.2954	1.2134	1.3729	1.4065	1.2046	-----	1.26	14.87	0.985	0.989	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1618	0.7770	1.0612	0.9499	1.1262	1.0377	0.9618	-----	1.01	14.91	0.988	0.993	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.0347	0.9816	1.0879	0.9758	1.0104	1.0590	0.9370	-----	1.01	15.16	0.992	0.994	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria * - ccc compound
b - failed the ccc criteria ** - spcc compound
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.45
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03619.D Vial: 2
Acq On : 9 Aug 2005 10:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:38 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	53578	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	168505	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	92895	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	141804	40.00	ng	0.00
74) Chrysene-d12	11.78	240	81696	40.00	ng	0.00
83) Perylene-d12	13.63	264	43480	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.44	112	80334	42.90	ng	0.00
Spiked Amount 200.000			Recovery = 21.45%			
8) Phenol-d5	4.20	99	107324	46.27	ng	0.00
Spiked Amount 200.000			Recovery = 23.14%			
21) Nitrobenzene-d5	4.89	128	23217	22.82	ng	0.00
Spiked Amount 100.000			Recovery = 22.82%			
41) 2-Fluorobiphenyl	6.35	172	73005	24.26	ng	0.00
Spiked Amount 100.000			Recovery = 24.26%			
64) 2,4,6-Tribromophenol	7.82	332	13141	26.67	ng	0.00
Spiked Amount 200.000			Recovery = 13.34%			
77) Terphenyl-d14	10.49	244	50714	23.75	ng	0.00
Spiked Amount 100.000			Recovery = 23.75%			
Target Compounds						Qvalue
2) Pyridine	2.32	79	93647	43.39	ng	94
3) N-Nitrosodimethylamine	2.28	74	51291	38.17	ng	99
5) Aniline	4.23	93	125719	59.47	ng	99
6) Pentachloroethane	4.27	117	35234	51.29	ng	98
7) bis(2-Chloroethyl)ether	4.28	93	95490	46.97	ng	96
9) Phenol	4.21	94	122832	52.43	ng	94
10) 2-Chlorophenol	4.32	128	89509	46.57	ng	95
11) 1,3-Dichlorobenzene	4.44	146	90647	50.28	ng	93
12) 1,4-Dichlorobenzene	4.50	146	96126	55.41	ng	99
13) 1,2-Dichlorobenzene	4.61	146	89479	56.28	ng	98
14) Benzyl alcohol	4.58	108	56931	48.09	ng	95
15) bis(2-chloroisopropyl)ethe	4.69	45	230471	90.28	ng	98
16) 2-Methylphenol	4.67	108	74144	47.96	ng	95
17) Hexachloroethane	4.86	117	43093	52.55	ng	82
18) N-Nitroso-di-n-propylamine	4.79	70	73738	49.24	ng	93
19) 3&4-Methylphenol	4.78	108	79139	49.10	ng	96
22) Nitrobenzene	4.91	77	100241	56.73	ng	91
23) Isophorone	5.09	82	180824	48.57	ng	96
24) 2-Nitrophenol	5.15	139	52434	51.66	ng	88

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03619.D Vial: 2
Acq On : 9 Aug 2005 10:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:38 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.18	107	82301	46.25 ng	98
26)	Benzoic Acid	5.26	105	12527	56.68 ng	92
27)	bis(2-Chloroethoxy)methane	5.25	93	106874	54.39 ng	99
28)	2,4-Dichlorophenol	5.33	162	71238	54.93 ng	91
29)	1,2,4-Trichlorobenzene	5.40	180	75277	55.99 ng	89
30)	Naphthalene	5.46	128	217745	58.97 ng	98
31)	4-Chloroaniline	5.50	127	92948	52.55 ng	94
32)	Hexachlorobutadiene	5.55	225	36251	47.49 ng	81
33)	4-Chloro-3-methylphenol	5.89	107	72612	47.20 ng	90
34)	2-Methylnaphthalene	6.03	142	136065	53.61 ng	99
35)	Methylnaphthalenes (Total)	6.03	142	136065	53.61 ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.17	216	61220	51.17 ng	91
38)	Hexachlorocyclopentadiene	6.16	237	33279	54.47 ng	94
39)	2,4,6-Trichlorophenol	6.27	196	48483	50.77 ng	95
40)	2,4,5-Trichlorophenol	6.30	196	53251	52.95 ng	98
42)	2-Chloronaphthalene	6.46	162	136042	58.12 ng	94
43)	2-Nitroaniline	6.55	65	77029	62.17 ng	96
44)	Diphenyl Ether	6.55	170	116090	71.93 ng	95
45)	Acenaphthylene	6.85	152	214647	56.85 ng	97
46)	Dimethylphthalate	6.73	163	161613	49.72 ng	98
47)	1,4-Dimethylnaphthalene	6.77	156	94825	55.48 ng	96
48)	Dimethylnaphthalenes (Tota	6.77	156	94825	55.48 ng	96
49)	2,6-Dinitrotoluene	6.79	165	39642	46.82 ng	87
50)	Acenaphthene	7.03	153	130354	56.76 ng	95
51)	3-Nitroaniline	6.95	138	47840	52.88 ng	91
52)	2,4-Dinitrophenol	7.06	184	14544	40.02 ng	72
53)	Dibenzofuran	7.20	168	191172	60.05 ng	98
54)	2,4-Dinitrotoluene	7.19	165	58620	60.32 ng	100
55)	4-Nitrophenol	7.12	65	38978	76.36 ng	87
56)	2,3,4,6-Tetrachlorophenol	7.33	232	33675	41.92 ng	95
57)	Fluorene	7.56	166	139368	61.94 ng	100
58)	4-Chlorophenyl-phenylether	7.57	204	66961	64.69 ng	96
59)	Diethylphthalate	7.45	149	166873	50.34 ng	99
60)	4-Nitroaniline	7.58	138	51678	71.93 ng	92
62)	4,6-Dinitro-2-methylphenol	7.62	198	26095	49.52 ng	100
63)	n-Nitrosodiphenylamine	7.69	169	106073	57.25 ng	96
65)	1,2-Diphenylhydrazine	7.73	77	198045	61.09 ng	98
66)	4-Bromophenyl-phenylether	8.10	248	35329	45.87 ng	85
67)	Hexachlorobenzene	8.16	284	37774	39.01 ng	94
68)	Pentachlorophenol	8.38	266	17313	29.83 ng	98
69)	Phenanthrene	8.62	178	204295	61.40 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03619.D Vial: 2
Acq On : 9 Aug 2005 10:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:38 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

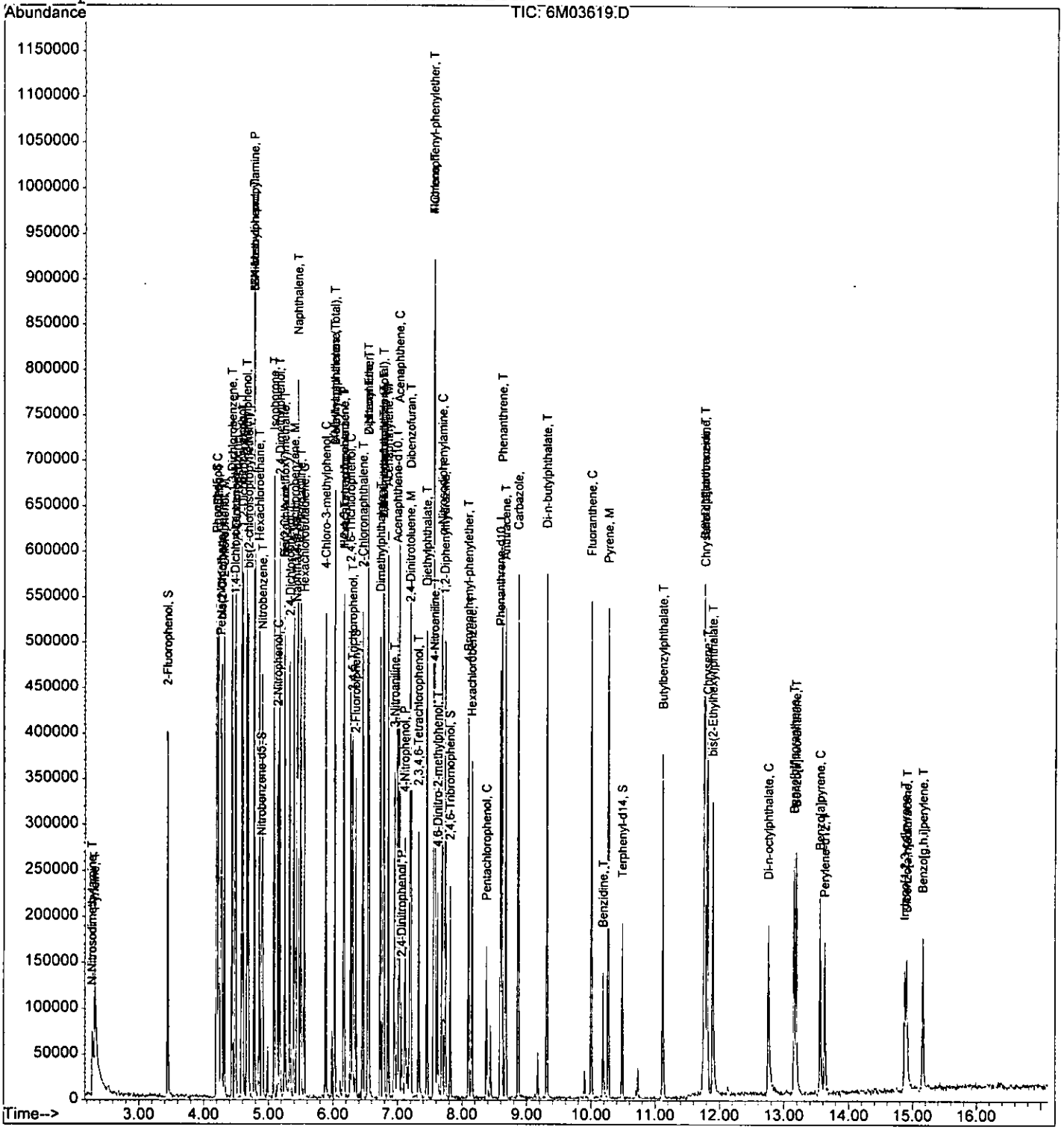
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Anthracene	8.68	178	203191	59.34	ng	98
71)	Carbazole	8.87	167	200077	58.85	ng	99
72)	Di-n-butylphthalate	9.31	149	263134	53.28	ng	99
73)	Fluoranthene	10.00	202	194983	53.11	ng	99
75)	Pyrene	10.26	202	205012	69.65	ng	99
76)	Benzidine	10.18	184	52180	79.15	ng	95
78)	Butylbenzylphthalate	11.12	149	104024	55.11	ng	88
79)	3,3'-Dichlorobenzidine	11.76	252	42091	52.88	ng	90
80)	Benzo[a]anthracene	11.77	228	135935	52.14	ng	97
81)	Chrysene	11.81	228	121307	48.14	ng	99
82)	bis(2-Ethylhexyl)phthalate	11.90	149	115203	45.75	ng	97
84)	Di-n-octylphthalate	12.76	149	142341	58.15	ng	96
85)	Benzo[b]fluoranthene	13.16	252	89936	52.41	ng	88
86)	Benzo[k]fluoranthene	13.20	252	100509	61.14	ng	97
87)	Benzo[a]pyrene	13.56	252	84227	60.77	ng	92
88)	Indeno[1,2,3-cd]pyrene	14.87	276	68012	53.78	ng	70
89)	Dibenzo[a,h]anthracene	14.91	278	63146	70.75	ng	88
90)	Benzo[g,h,i]perylene	15.16	276	56239	52.43	ng	84

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03619.D Vial: 2
Acq On : 9 Aug 2005 10:52 Operator: AHD
Sample : CAL BNA@50PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:38 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03620.D Vial: 3
Acq On : 9 Aug 2005 11:16 Operator: AHD
Sample : CAL BNA@10PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:33 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	57243	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	184439	40.00	ng	0.00
36) Acenaphthene-d10	6.99	164	101001	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	161667	40.00	ng	0.00
74) Chrysene-d12	11.78	240	92580	40.00	ng	0.00
83) Perylene-d12	13.63	264	55590	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	16181	8.09	ng	0.00
Spiked Amount 200.000			Recovery = 4.05%			
8) Phenol-d5	4.19	99	23926	9.65	ng	0.00
Spiked Amount 200.000			Recovery = 4.83%			
21) Nitrobenzene-d5	4.90	128	3786	3.40	ng	0.00
Spiked Amount 100.000			Recovery = 3.40%			
41) 2-Fluorobiphenyl	6.35	172	15957	4.88	ng	0.00
Spiked Amount 100.000			Recovery = 4.88%			
64) 2,4,6-Tribromophenol	7.82	332	2332	4.15	ng	0.00
Spiked Amount 200.000			Recovery = 2.08%			
77) Terphenyl-d14	10.48	244	10586	4.37	ng	0.00
Spiked Amount 100.000			Recovery = 4.37%			
Target Compounds						Qvalue
2) Pyridine	2.38	79	3306	1.43	ng	86
3) N-Nitrosodimethylamine	2.35	74	8418	5.86	ng	100
5) Aniline	4.23	93	26961	11.94	ng	97
6) Pentachloroethane	4.27	117	6646	9.05	ng	89
7) bis(2-Chloroethyl)ether	4.28	93	21559	9.93	ng	98
9) Phenol	4.21	94	25179	10.06	ng	95
10) 2-Chlorophenol	4.32	128	18963	9.24	ng	96
11) 1,3-Dichlorobenzene	4.44	146	20819	10.81	ng	94
12) 1,4-Dichlorobenzene	4.50	146	20745	11.19	ng	95
13) 1,2-Dichlorobenzene	4.61	146	20322	11.96	ng	93
14) Benzyl alcohol	4.58	108	10998	8.70	ng	98
15) bis(2-chloroisopropyl)ethe	4.68	45	50974	18.69	ng	97
16) 2-Methylphenol	4.66	108	16410	9.94	ng	99
17) Hexachloroethane	4.86	117	9508	10.85	ng	95
18) N-Nitroso-di-n-propylamine	4.78	70	15402	9.63	ng	85
19) 3&4-Methylphenol	4.78	108	17425	10.12	ng	100
22) Nitrobenzene	4.91	77	18371	9.50	ng	91
23) Isophorone	5.09	82	39979	9.81	ng	94
24) 2-Nitrophenol	5.15	139	8846	7.96	ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03620.D Vial: 3
Acq On : 9 Aug 2005 11:16 Operator: AHD
Sample : CAL BNA@10PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:33 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
25)	2,4-Dimethylphenol	5.17	107	18188	9.34	ng		92
26)	Benzoic Acid	5.17	105	701	2.90	ng	#	1
27)	bis(2-Chloroethoxy)methane	5.25	93	22513	10.47	ng		95
28)	2,4-Dichlorophenol	5.33	162	13758	9.69	ng		97
29)	1,2,4-Trichlorobenzene	5.40	180	15984	10.86	ng		96
30)	Naphthalene	5.46	128	48905	12.10	ng		97
31)	4-Chloroaniline	5.50	127	20958	10.83	ng		90
32)	Hexachlorobutadiene	5.56	225	8789	10.52	ng		92
33)	4-Chloro-3-methylphenol	5.89	107	14626	8.69	ng		95
34)	2-Methylnaphthalene	6.03	142	29772	10.72	ng		94
35)	Methylnaphthalenes (Total)	6.03	142	29772	10.72	ng		94
37)	1,2,4,5-Tetrachlorobenzene	6.17	216	13391	10.29	ng		91
38)	Hexachlorocyclopentadiene	6.16	237	4589	6.91	ng		78
39)	2,4,6-Trichlorophenol	6.27	196	9700	9.34	ng		83
40)	2,4,5-Trichlorophenol	6.30	196	9668	8.84	ng		99
42)	2-Chloronaphthalene	6.46	162	29987	11.78	ng		93
43)	2-Nitroaniline	6.56	65	14255	10.58	ng		72
44)	Diphenyl Ether	6.54	170	26319	15.00	ng		91
45)	Acenaphthylene	6.86	152	46521	11.33	ng		97
46)	Dimethylphthalate	6.73	163	36496	10.33	ng		97
47)	1,4-Dimethylnaphthalene	6.78	156	22690	12.21	ng		99
48)	Dimethylnaphthalenes (Tota	6.78	156	22690	12.21	ng		99
49)	2,6-Dinitrotoluene	6.79	165	6939	7.54	ng		96
50)	Acenaphthene	7.03	153	29592	11.85	ng		95
51)	3-Nitroaniline	6.95	138	8032	8.17	ng		86
52)	2,4-Dinitrophenol	0.00	184	0	N.D.			
53)	Dibenzofuran	7.20	168	42999	12.42	ng		95
54)	2,4-Dinitrotoluene	7.19	165	8797	8.33	ng		71
55)	4-Nitrophenol	7.12	65	4101	7.39	ng		82
56)	2,3,4,6-Tetrachlorophenol	7.33	232	5141	5.89	ng		94
57)	Fluorene	7.56	166	32296	13.20	ng		95
58)	4-Chlorophenyl-phenylether	7.57	204	16656	14.80	ng		88
59)	Diethylphthalate	7.45	149	35945	9.97	ng		98
60)	4-Nitroaniline	7.58	138	8451	10.82	ng		91
62)	4,6-Dinitro-2-methylphenol	7.62	198	1678	2.79	ng		100
63)	n-Nitrosodiphenylamine	7.69	169	23078	10.93	ng		92
65)	1,2-Diphenylhydrazine	7.73	77	41034	11.10	ng		95
66)	4-Bromophenyl-phenylether	8.10	248	7512	8.55	ng		94
67)	Hexachlorobenzene	8.15	284	8623	7.81	ng		78
68)	Pentachlorophenol	8.38	266	603	0.91	ng	#	21
69)	Phenanthrene	8.62	178	46897	12.36	ng		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03620.D Vial: 3
Acq On : 9 Aug 2005 11:16 Operator: AHD
Sample : CAL BNA@10PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:33 2005 Quant Results File: 6M_0809.RES

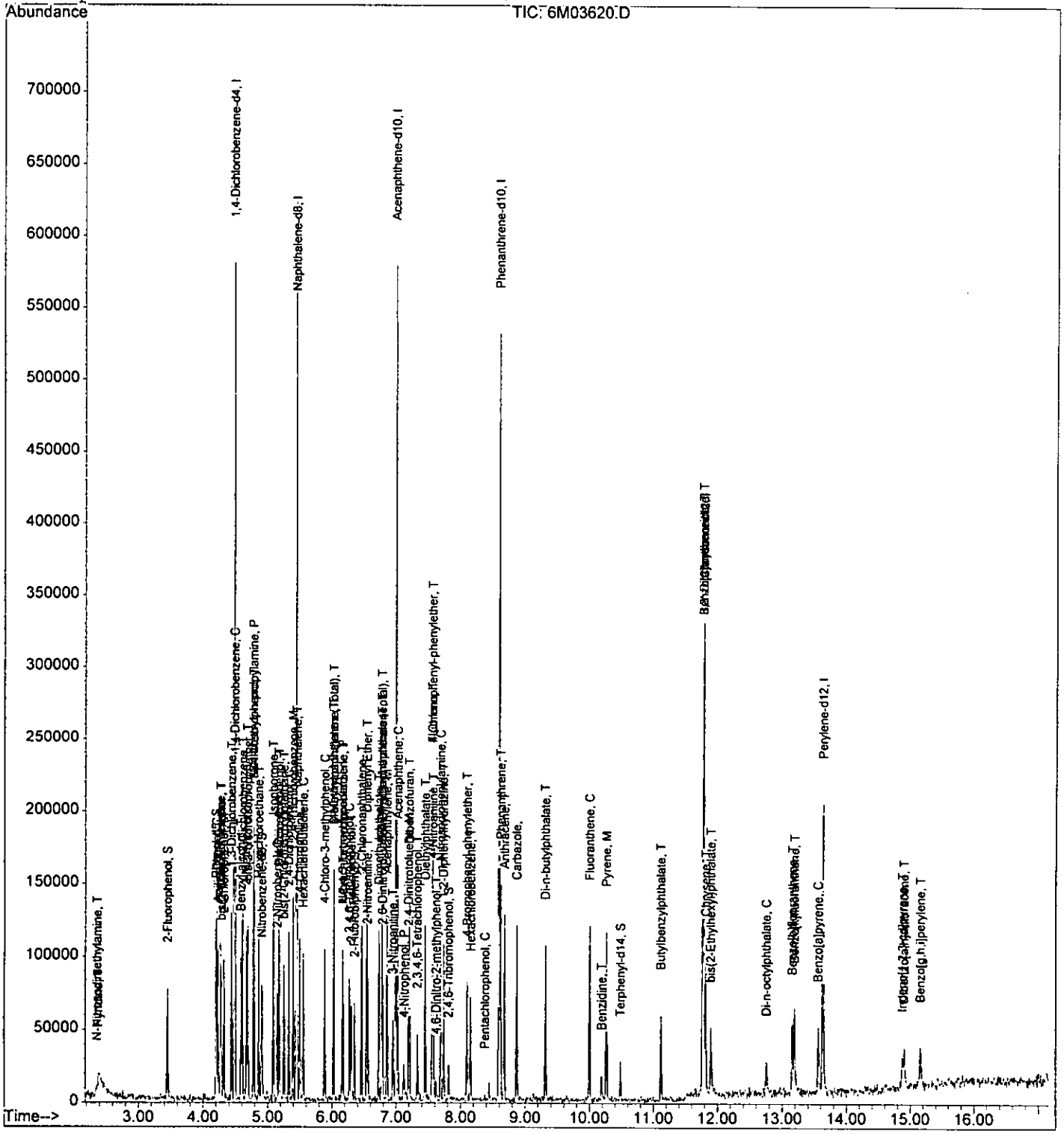
Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Anthracene	8.68	178	45597	11.68	ng	99
71)	Carbazole	8.87	167	43173	11.14	ng	99
72)	Di-n-butylphthalate	9.31	149	56942	10.11	ng	98
73)	Fluoranthene	10.00	202	40908	9.77	ng	95
75)	Pyrene	10.26	202	45494	13.64	ng	92
76)	Benzidine	10.19	184	13303	17.81	ng	94
78)	Butylbenzylphthalate	11.12	149	16898	7.90	ng	98
79)	3,3'-Dichlorobenzidine	11.76	252	7776	8.62	ng	93
80)	Benzo[a]anthracene	11.76	228	31880	10.79	ng	96
81)	Chrysene	11.81	228	29692	10.40	ng	98
82)	bis(2-Ethylhexyl)phthalate	11.89	149	16886	5.92	ng	97
84)	Di-n-octylphthalate	12.76	149	17311	5.53	ng	98
85)	Benzo[b]fluoranthene	13.15	252	22016	10.03	ng	95
86)	Benzo[k]fluoranthene	13.19	252	22289	10.60	ng	87
87)	Benzo[a]pyrene	13.56	252	20017	11.30	ng	95
88)	Indeno[1,2,3-cd]pyrene	14.87	276	15053	9.31	ng	66
89)	Dibenzo[a,h]anthracene	14.91	278	10799	9.46	ng	86
90)	Benzo[g,h,i]perylene	15.16	276	13643	9.95	ng	90

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03620.D Vial: 3
Acq On : 9 Aug 2005 11:16 Operator: AHD
Sample : CAL BNA@10PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:33 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03621.D Vial: 4
Acq On : 9 Aug 2005 11:40 Operator: AHD
Sample : CAL BNA@25PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:57 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	37506	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	113424	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	53334	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	76542	40.00	ng	0.00
74) Chrysene-d12	11.78	240	43801	40.00	ng	0.00
83) Perylene-d12	13.63	264	26302	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	26654	20.33	ng	0.00
Spiked Amount 200.000			Recovery = 10.17%			
8) Phenol-d5	4.20	99	34719	21.38	ng	0.00
Spiked Amount 200.000			Recovery = 10.69%			
21) Nitrobenzene-d5	4.90	128	6626	9.68	ng	0.00
Spiked Amount 100.000			Recovery = 9.68%			
41) 2-Fluorobiphenyl	6.35	172	22663	13.11	ng	0.00
Spiked Amount 100.000			Recovery = 13.11%			
64) 2,4,6-Tribromophenol	7.82	332	3530	13.27	ng	0.00
Spiked Amount 200.000			Recovery = 6.63%			
77) Terphenyl-d14	10.48	244	12227	10.68	ng	0.00
Spiked Amount 100.000			Recovery = 10.68%			
Target Compounds						Qvalue
2) Pyridine	2.36	79	23331	15.44	ng	91
3) N-Nitrosodimethylamine	2.33	74	14794	15.73	ng	90
5) Aniline	4.23	93	45938	31.04	ng	98
6) Pentachloroethane	4.27	117	12331	25.64	ng	93
7) bis(2-Chloroethyl)ether	4.29	93	32595	22.90	ng	91
9) Phenol	4.20	94	40726	24.83	ng	97
10) 2-Chlorophenol	4.32	128	29569	21.98	ng	98
11) 1,3-Dichlorobenzene	4.44	146	31995	25.35	ng	91
12) 1,4-Dichlorobenzene	4.49	146	34870	28.72	ng	96
13) 1,2-Dichlorobenzene	4.61	146	32971	29.63	ng	97
14) Benzyl alcohol	4.59	108	17800	21.48	ng	91
15) bis(2-chloroisopropyl)ethe	4.69	45	76984	43.08	ng	96
16) 2-Methylphenol	4.67	108	24174	22.34	ng	95
17) Hexachloroethane	4.86	117	16412	28.59	ng	87
18) N-Nitroso-di-n-propylamine	4.78	70	23146	22.08	ng	95
19) 3&4-Methylphenol	4.78	108	26568	23.55	ng	100
22) Nitrobenzene	4.91	77	29279	24.62	ng	98
23) Isophorone	5.08	82	54863	21.89	ng	98
24) 2-Nitrophenol	5.14	139	15351	22.47	ng	94

(#) = qualifier out of range (m) = manual integration

1787

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03621.D Vial: 47
Acq On : 9 Aug 2005 11:40 Operator: AHD
Sample : CAL BNA@25PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:57 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25)	2,4-Dimethylphenol	5.18	107	25643	21.41 ng		84
26)	Benzoic Acid	5.18	105	781	5.25 ng	#	1
27)	bis(2-Chloroethoxy)methane	5.25	93	33360	25.22 ng		98
28)	2,4-Dichlorophenol	5.33	162	22262	25.50 ng		97
29)	1,2,4-Trichlorobenzene	5.39	180	26763	29.57 ng		89
30)	Naphthalene	5.46	128	72428	29.14 ng		97
31)	4-Chloroaniline	5.50	127	30904	25.96 ng		86
32)	Hexachlorobutadiene	5.55	225	14369	27.97 ng		76
33)	4-Chloro-3-methylphenol	5.88	107	20574	19.87 ng		98
34)	2-Methylnaphthalene	6.02	142	41491	24.29 ng		95
35)	Methylnaphthalenes (Total)	6.02	142	41491	24.29 ng		95
37)	1,2,4,5-Tetrachlorobenzene	6.17	216	22011	32.05 ng		88
38)	Hexachlorocyclopentadiene	6.16	237	7385	21.05 ng		94
39)	2,4,6-Trichlorophenol	6.27	196	11937	21.77 ng		85
40)	2,4,5-Trichlorophenol	6.30	196	14569	25.23 ng		96
42)	2-Chloronaphthalene	6.46	162	44012	32.75 ng		98
43)	2-Nitroaniline	6.55	65	19626	27.59 ng		74
44)	Diphenyl Ether	6.54	170	36377	39.26 ng		97
45)	Acenaphthylene	6.86	152	64274	29.65 ng		97
46)	Dimethylphthalate	6.73	163	45707	24.49 ng		99
47)	1,4-Dimethylnaphthalene	6.78	156	30715	31.30 ng		96
48)	Dimethylnaphthalenes (Tota	6.78	156	30715	31.30 ng		96
49)	2,6-Dinitrotoluene	6.79	165	7860	16.17 ng		94
50)	Acenaphthene	7.02	153	39181	29.72 ng		89
51)	3-Nitroaniline	6.95	138	11209	21.58 ng		98
52)	2,4-Dinitrophenol	7.07	184	1004	4.81 ng		46
53)	Dibenzofuran	7.21	168	57702	31.57 ng		98
54)	2,4-Dinitrotoluene	7.19	165	11398	20.43 ng		90
55)	4-Nitrophenol	7.12	65	6530	22.28 ng		99
56)	2,3,4,6-Tetrachlorophenol	7.33	232	6744	14.62 ng		96
57)	Fluorene	7.56	166	40438	31.30 ng		99
58)	4-Chlorophenyl-phenylether	7.57	204	21262	35.77 ng		93
59)	Diethylphthalate	7.45	149	43110	22.65 ng		95
60)	4-Nitroaniline	7.57	138	10864	26.34 ng		86
62)	4,6-Dinitro-2-methylphenol	7.62	198	2372	8.34 ng		100
63)	n-Nitrosodiphenylamine	7.69	169	27795	27.79 ng		97
65)	1,2-Diphenylhydrazine	7.74	77	53560	30.61 ng		92
66)	4-Bromophenyl-phenylether	8.10	248	9264	22.28 ng		86
67)	Hexachlorobenzene	8.15	284	10728	20.52 ng		93
68)	Pentachlorophenol	8.38	266	1054	3.36 ng	#	47
69)	Phenanthrene	8.62	178	53882	30.00 ng		98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03621.D Vial: 4
Acq On : 9 Aug 2005 11:40 Operator: AHD
Sample : CAL BNA@25PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:57 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

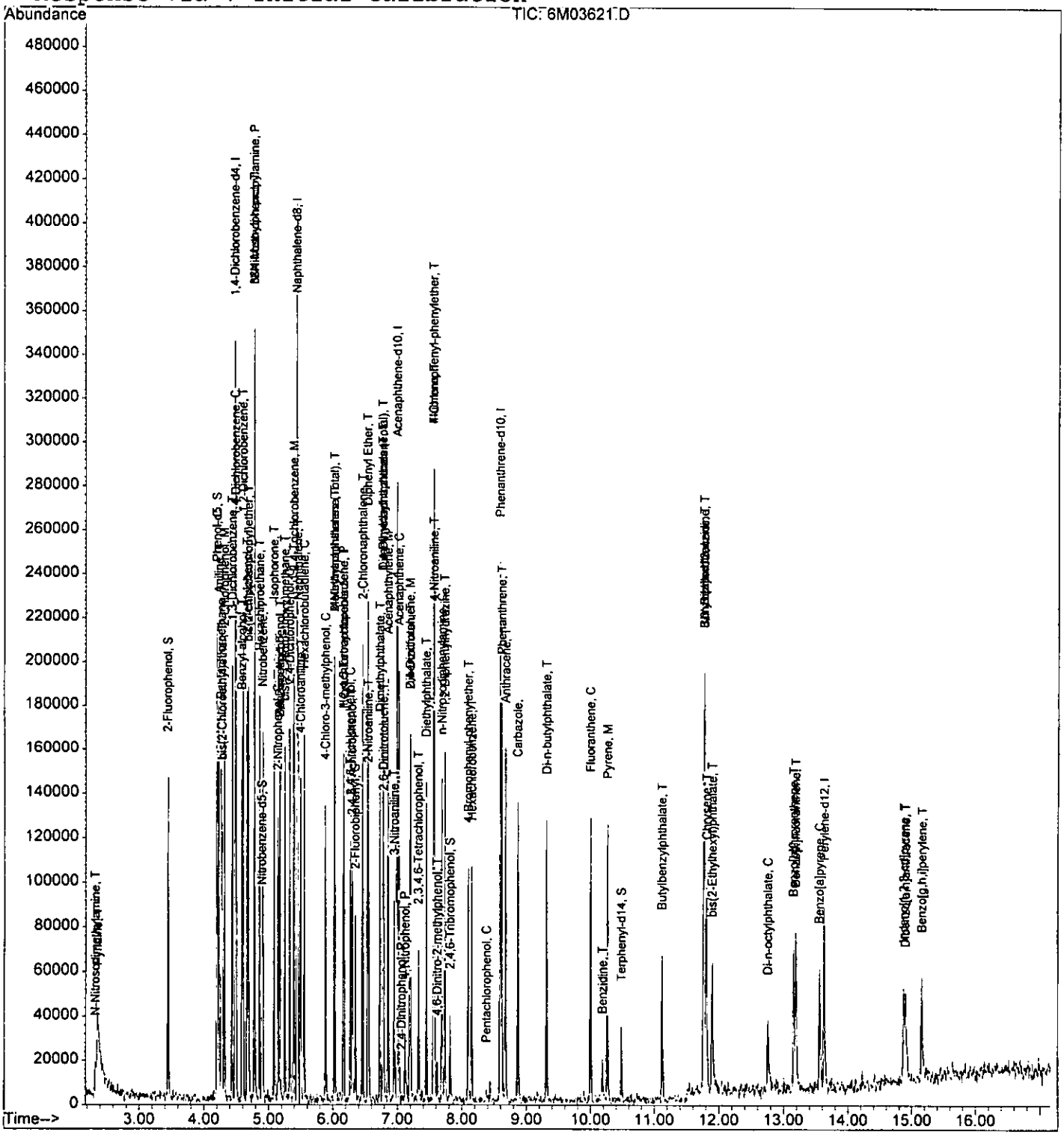
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Anthracene	8.68	178	55354	29.95	ng	96
71)	Carbazole	8.86	167	51164	27.88	ng	93
72)	Di-n-butylphthalate	9.31	149	63426	23.79	ng	98
73)	Fluoranthene	10.00	202	45927	23.17	ng	96
75)	Pyrene	10.27	202	48984	31.04	ng	95
76)	Benzidine	10.19	184	11773	33.31	ng	99
78)	Butylbenzylphthalate	11.12	149	19879	19.64	ng	96
79)	3,3'-Dichlorobenzidine	11.76	252	9044	21.19	ng	94
80)	Benzo[a]anthracene	11.76	228	32970	23.59	ng	92
81)	Chrysene	11.81	228	33794	25.01	ng	97
82)	bis(2-Ethylhexyl)phthalate	11.90	149	23760	17.60	ng	97
84)	Di-n-octylphthalate	12.76	149	25706	17.36	ng	94
85)	Benzo[b]fluoranthene	13.15	252	23325	22.47	ng	99
86)	Benzo[k]fluoranthene	13.19	252	30269	30.44	ng	96
87)	Benzo[a]pyrene	13.56	252	23755	28.34	ng	97
88)	Indeno[1,2,3-cd]pyrene	14.87	276	21296	27.84	ng	86
89)	Dibenzo[a,h]anthracene	14.91	278	17445	32.31	ng	91
90)	Benzo[g,h,i]perylene	15.16	276	17884	27.56	ng	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03621.D Vial: 4
Acq On : 9 Aug 2005 11:40 Operator: AHD
Sample : CAL BNA@25PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 11:57 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03622.D Vial: 5
Acq On : 9 Aug 2005 12:04 Operator: AHD
Sample : CAL BNA@80PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:21 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	52508	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	171506	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	95117	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	140403	40.00	ng	0.00
74) Chrysene-d12	11.78	240	70023	40.00	ng	0.00
83) Perylene-d12	13.63	264	40428	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.44	112	123860	67.49	ng	0.00
Spiked Amount 200.000			Recovery = 33.75%			
8) Phenol-d5	4.20	99	161985	71.25	ng	0.00
Spiked Amount 200.000			Recovery = 35.63%			
21) Nitrobenzene-d5	4.89	128	35347	34.14	ng	0.00
Spiked Amount 100.000			Recovery = 34.14%			
41) 2-Fluorobiphenyl	6.35	172	119687	38.84	ng	0.00
Spiked Amount 100.000			Recovery = 38.84%			
64) 2,4,6-Tribromophenol	7.82	332	23711	48.61	ng	0.00
Spiked Amount 200.000			Recovery = 24.31%			
77) Terphenyl-d14	10.49	244	83146	45.43	ng	0.00
Spiked Amount 100.000			Recovery = 45.43%			
Target Compounds						Qvalue
2) Pyridine	2.31	79	164420	77.73	ng	92
3) N-Nitrosodimethylamine	2.28	74	88380	67.12	ng	99
5) Aniline	4.23	93	197123	95.15	ng	98
6) Pentachloroethane	4.27	117	55135	81.89	ng	93
7) bis(2-Chloroethyl)ether	4.28	93	146110	73.33	ng	97
9) Phenol	4.21	94	190979	83.18	ng	97
10) 2-Chlorophenol	4.32	128	140544	74.62	ng	91
11) 1,3-Dichlorobenzene	4.44	146	146621	82.99	ng	94
12) 1,4-Dichlorobenzene	4.50	146	152005	89.41	ng	96
13) 1,2-Dichlorobenzene	4.61	146	139867	89.77	ng	97
14) Benzyl alcohol	4.59	108	88278	76.09	ng	97
15) bis(2-chloroisopropyl)ethe	4.69	45	363639	145.35	ng	98
16) 2-Methylphenol	4.67	108	116721	77.04	ng	94
17) Hexachloroethane	4.86	117	68195	84.85	ng	76
18) N-Nitroso-di-n-propylamine	4.79	70	110740	75.46	ng	97
19) 3&4-Methylphenol	4.78	108	118243	74.86	ng	90
22) Nitrobenzene	4.91	77	149452	83.10	ng	91
23) Isophorone	5.09	82	275859	72.81	ng	96
24) 2-Nitrophenol	5.15	139	82144	79.52	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03622.D Vial: 5
Acq On : 9 Aug 2005 12:04 Operator: AHD
Sample : CAL BNA@80PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:21 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	2,4-Dimethylphenol	5.18	107	126713	69.96	ng	98
26)	Benzoic Acid	5.27	105	18496	82.22	ng	87
27)	bis(2-Chloroethoxy)methane	5.26	93	172285	86.14	ng	97
28)	2,4-Dichlorophenol	5.33	162	112111	84.93	ng	92
29)	1,2,4-Trichlorobenzene	5.40	180	120425	88.01	ng	92
30)	Naphthalene	5.46	128	334718	89.06	ng	97
31)	4-Chloroaniline	5.50	127	141052	78.36	ng	95
32)	Hexachlorobutadiene	5.55	225	65729	84.60	ng	83
33)	4-Chloro-3-methylphenol	5.89	107	116941	74.68	ng	94
34)	2-Methylnaphthalene	6.03	142	211662	81.94	ng	94
35)	Methylnaphthalenes (Total)	6.03	142	211662	81.94	ng	94
37)	1,2,4,5-Tetrachlorobenzene	6.17	216	100655	82.17	ng	94
38)	Hexachlorocyclopentadiene	6.16	237	59394	94.94	ng	90
39)	2,4,6-Trichlorophenol	6.27	196	77150	78.90	ng	97
40)	2,4,5-Trichlorophenol	6.30	196	91011	88.39	ng	98
42)	2-Chloronaphthalene	6.47	162	216356	90.28	ng	94
43)	2-Nitroaniline	6.56	65	118655	93.53	ng	70
44)	Diphenyl Ether	6.55	170	178781	108.19	ng	96
45)	Acenaphthylene	6.86	152	336088	86.94	ng	96
46)	Dimethylphthalate	6.73	163	254802	76.57	ng	99
47)	1,4-Dimethylnaphthalene	6.78	156	151496	86.56	ng	100
48)	Dimethylnaphthalenes (Tota	6.78	156	151496	86.56	ng	100
49)	2,6-Dinitrotoluene	6.79	165	63072	72.75	ng	90
50)	Acenaphthene	7.03	153	200697	85.36	ng	98
51)	3-Nitroaniline	6.96	138	68669	74.14	ng	92
52)	2,4-Dinitrophenol	7.06	184	26600	71.48	ng	71
53)	Dibenzofuran	7.20	168	288113	88.39	ng	94
54)	2,4-Dinitrotoluene	7.20	165	86720	87.16	ng	95
55)	4-Nitrophenol	7.12	65	60638	116.02	ng	91
56)	2,3,4,6-Tetrachlorophenol	7.33	232	54751	66.56	ng	99
57)	Fluorene	7.57	166	211753	91.92	ng	96
58)	4-Chlorophenyl-phenylether	7.57	204	104885	98.95	ng	99
59)	Diethylphthalate	7.46	149	264456	77.92	ng	98
60)	4-Nitroaniline	7.59	138	81911	111.35	ng	98
62)	4,6-Dinitro-2-methylphenol	7.62	198	45325	86.88	ng	100
63)	n-Nitrosodiphenylamine	7.69	169	169232	92.25	ng	92
65)	1,2-Diphenylhydrazine	7.74	77	310692	96.79	ng	92
66)	4-Bromophenyl-phenylether	8.10	248	59991	78.66	ng	99
67)	Hexachlorobenzene	8.16	284	64144	66.90	ng	94
68)	Pentachlorophenol	8.38	266	27268	47.45	ng	90
69)	Phenanthrene	8.62	178	310678	94.31	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03622.D Vial: 8270
Acq On : 9 Aug 2005 12:04 Operator: AHD
Sample : CAL BNA@80PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:21 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

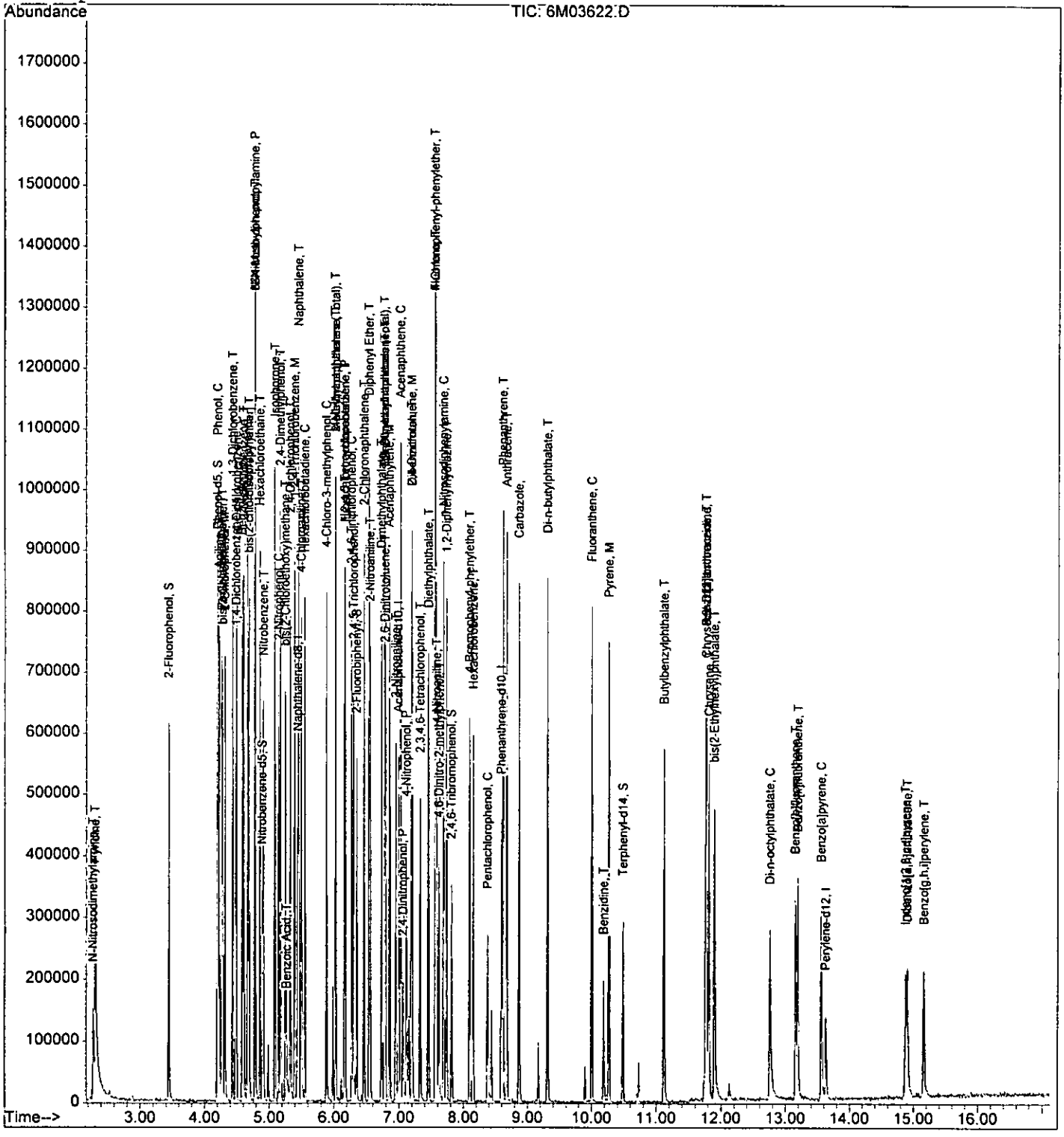
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Anthracene	8.68	178	316631	93.39	ng	99
71)	Carbazole	8.87	167	296474	88.07	ng	98
72)	Di-n-butylphthalate	9.31	149	417447	85.37	ng	99
73)	Fluoranthene	10.00	202	285637	78.57	ng	98
75)	Pyrene	10.27	202	297726	118.01	ng	94
76)	Benzidine	10.18	184	73796	130.59	ng	98
78)	Butylbenzylphthalate	11.12	149	148100	91.54	ng	97
79)	3,3'-Dichlorobenzidine	11.77	252	49706	72.86	ng	94
80)	Benzo[a]anthracene	11.77	228	178780	80.00	ng	98
81)	Chrysene	11.81	228	164722	76.27	ng	98
82)	bis(2-Ethylhexyl)phthalate	11.90	149	173527	80.39	ng	97
84)	Di-n-octylphthalate	12.76	149	218320	95.92	ng	100
85)	Benzo[b]fluoranthene	13.16	252	121433	76.10	ng	85
86)	Benzo[k]fluoranthene	13.20	252	136131	89.06	ng	95
87)	Benzo[a]pyrene	13.56	252	114272	88.68	ng	98
88)	Indeno[1,2,3-cd]pyrene	14.87	276	98116	83.44	ng	75
89)	Dibenzo[a,h]anthracene	14.90	278	76810	92.56	ng	83
90)	Benzo[g,h,i]perylene	15.16	276	78904	79.12	ng	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03622.D Vial: 58
Acq On : 9 Aug 2005 12:04 Operator: AHD
Sample : CAL BNA@80PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:21 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03623.D Vial: 67
Acq On : 9 Aug 2005 12:27 Operator: AHD
Sample : CAL BNA@120PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:44 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	43847	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	145307	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	78946	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	118099	40.00	ng	0.00
74) Chrysene-d12	11.78	240	61837	40.00	ng	0.00
83) Perylene-d12	13.63	264	38767	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	160580	104.78	ng	0.00
Spiked Amount 200.000			Recovery = 52.39%			
8) Phenol-d5	4.20	99	215590	113.57	ng	0.00
Spiked Amount 200.000			Recovery = 56.79%			
21) Nitrobenzene-d5	4.90	128	47387	54.02	ng	0.00
Spiked Amount 100.000			Recovery = 54.02%			
41) 2-Fluorobiphenyl	6.35	172	149876	58.59	ng	0.00
Spiked Amount 100.000			Recovery = 58.59%			
64) 2,4,6-Tribromophenol	7.82	332	29597	72.14	ng	0.00
Spiked Amount 200.000			Recovery = 36.07%			
77) Terphenyl-d14	10.49	244	100655	62.27	ng	0.00
Spiked Amount 100.000			Recovery = 62.27%			
Target Compounds						Qvalue
2) Pyridine	2.31	79	200954	113.77	ng	98
3) N-Nitrosodimethylamine	2.27	74	128487	116.85	ng	98
5) Aniline	4.24	93	241297	139.48	ng	96
6) Pentachloroethane	4.27	117	67463	120.00	ng	96
7) bis(2-Chloroethyl)ether	4.28	93	179808	108.07	ng	98
9) Phenol	4.21	94	229556	119.73	ng	96
10) 2-Chlorophenol	4.32	128	172241	109.51	ng	95
11) 1,3-Dichlorobenzene	4.44	146	178892	121.25	ng	96
12) 1,4-Dichlorobenzene	4.50	146	188036	132.46	ng	96
13) 1,2-Dichlorobenzene	4.61	146	178832	137.46	ng	97
14) Benzyl alcohol	4.59	108	108753	112.25	ng	91
15) bis(2-chloroisopropyl)ethe	4.69	45	447518	214.21	ng	97
16) 2-Methylphenol	4.67	108	146742	115.99	ng	96
17) Hexachloroethane	4.86	117	86431	128.78	ng	89
18) N-Nitroso-di-n-propylamine	4.79	70	133387	108.85	ng	96
19) 3&4-Methylphenol	4.79	108	146643	111.18	ng	97
22) Nitrobenzene	4.91	77	189934	124.65	ng	95
23) Isophorone	5.09	82	351666	109.55	ng	98
24) 2-Nitrophenol	5.15	139	103715	118.51	ng	99

(#) = qualifier out of range (m) = manual integration

1/8/87

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03623.D Vial: 19
Acq On : 9 Aug 2005 12:27 Operator: AHD
Sample : CAL BNA@120PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:44 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.18	107	165694	107.98 ng	96
26)	Benzoic Acid	5.28	105	26656	139.85 ng	99
27)	bis(2-Chloroethoxy)methane	5.26	93	211301	124.70 ng	96
28)	2,4-Dichlorophenol	5.33	162	136646	122.18 ng	92
29)	1,2,4-Trichlorobenzene	5.40	180	149188	128.68 ng	91
30)	Naphthalene	5.46	128	414330	130.12 ng	98
31)	4-Chloroaniline	5.50	127	159277	104.43 ng	96
32)	Hexachlorobutadiene	5.55	225	72136	109.59 ng	94
33)	4-Chloro-3-methylphenol	5.89	107	145244	109.47 ng	95
34)	2-Methylnaphthalene	6.03	142	260040	118.82 ng	99
35)	Methylnaphthalenes (Total)	6.03	142	260040	118.82 ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.18	216	126399	124.32 ng	95
38)	Hexachlorocyclopentadiene	6.16	237	75231	144.89 ng	90
39)	2,4,6-Trichlorophenol	6.27	196	96269	118.62 ng	92
40)	2,4,5-Trichlorophenol	6.30	196	107937	126.30 ng	92
42)	2-Chloronaphthalene	6.46	162	268611	135.04 ng	96
43)	2-Nitroaniline	6.56	65	149325	141.81 ng	82
44)	Diphenyl Ether	6.55	170	223333	162.83 ng	96
45)	Acenaphthylene	6.86	152	407545	127.02 ng	98
46)	Dimethylphthalate	6.73	163	308058	111.53 ng	100
47)	1,4-Dimethylnaphthalene	6.78	156	184344	126.91 ng	98
48)	Dimethylnaphthalenes (Tota	6.78	156	184344	126.91 ng	98
49)	2,6-Dinitrotoluene	6.79	165	82171	114.20 ng	99
50)	Acenaphthene	7.03	153	243679	124.86 ng	98
51)	3-Nitroaniline	6.95	138	76639	99.69 ng	99
52)	2,4-Dinitrophenol	7.06	184	40344	130.62 ng	78
53)	Dibenzofuran	7.21	168	367762	135.94 ng	95
54)	2,4-Dinitrotoluene	7.20	165	107805	130.54 ng	93
55)	4-Nitrophenol	7.12	65	73800	170.12 ng	89
56)	2,3,4,6-Tetrachlorophenol	7.33	232	68410	100.20 ng	99
57)	Fluorene	7.57	166	248230	129.82 ng	98
58)	4-Chlorophenyl-phenylether	7.57	204	127745	145.21 ng	99
59)	Diethylphthalate	7.46	149	330335	117.26 ng	98
60)	4-Nitroaniline	7.59	138	99366	162.75 ng	99
62)	4,6-Dinitro-2-methylphenol	7.63	198	60202	137.19 ng	100
63)	n-Nitrosodiphenylamine	7.69	169	203645	131.97 ng	98
65)	1,2-Diphenylhydrazine	7.74	77	388509	143.89 ng	93
66)	4-Bromophenyl-phenylether	8.10	248	71007	110.69 ng	95
67)	Hexachlorobenzene	8.16	284	77447	96.03 ng	97
68)	Pentachlorophenol	8.38	266	36538	75.59 ng	99
69)	Phenanthrene	8.62	178	379438	136.93 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03623.D Vial: 26
Acq On : 9 Aug 2005 12:27 Operator: AHD
Sample : CAL BNA@120PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:44 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 11:29:45 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

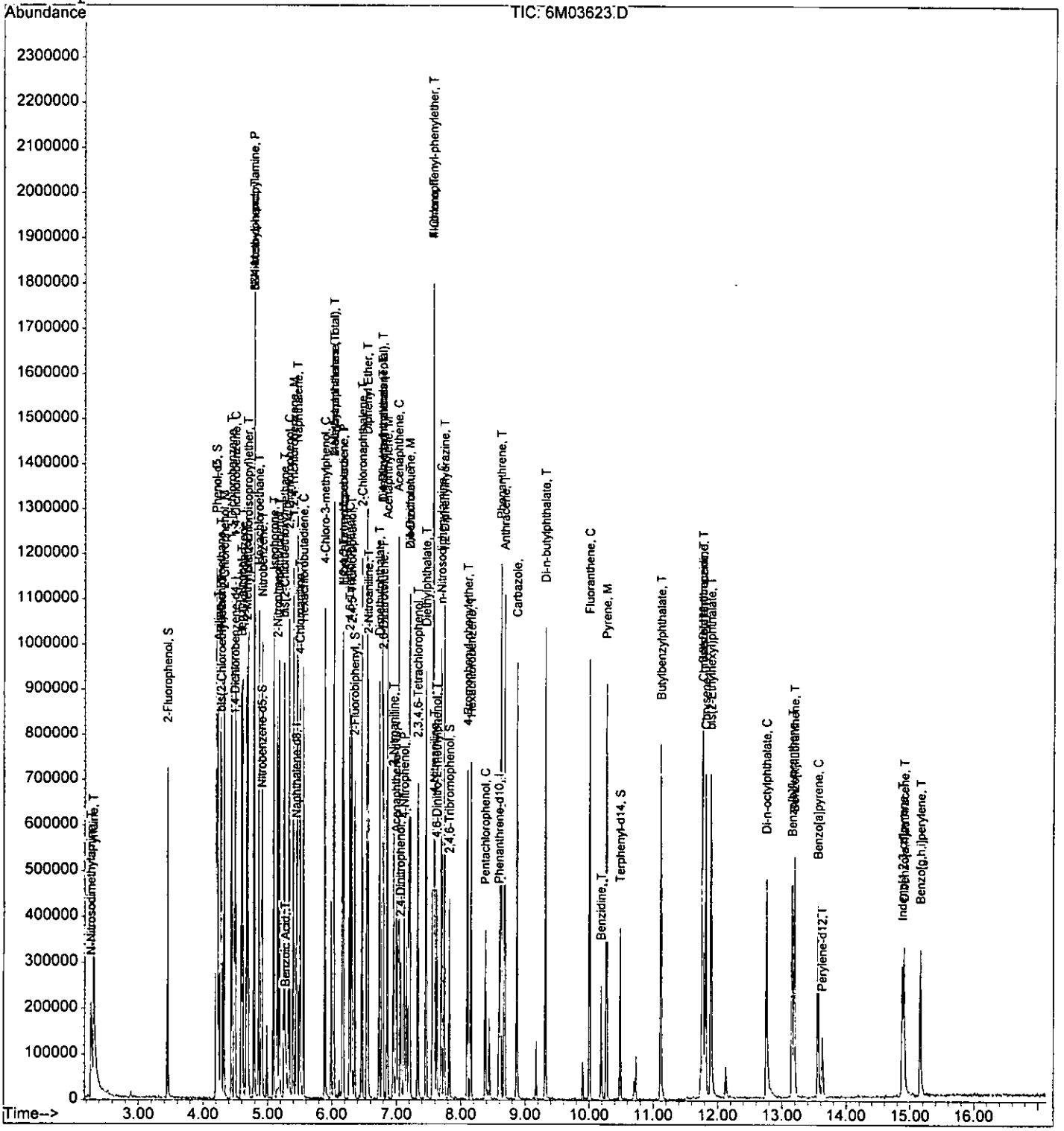
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Anthracene	8.68	178	386607	135.56	ng	98
71)	Carbazole	8.87	167	371019	131.03	ng	96
72)	Di-n-butylphthalate	9.31	149	504367	122.62	ng	100
73)	Fluoranthene	10.00	202	352425	115.25	ng	96
75)	Pyrene	10.27	202	359212	161.22	ng	97
76)	Benzidine	10.18	184	90367	181.09	ng	98
78)	Butylbenzylphthalate	11.12	149	195568	136.88	ng	97
79)	3,3'-Dichlorobenzidine	11.76	252	61271	101.70	ng	90
80)	Benzo[a]anthracene	11.77	228	247647	125.49	ng	98
81)	Chrysene	11.81	228	243017	127.42	ng	98
82)	bis(2-Ethylhexyl)phthalate	11.90	149	242957	127.46	ng	98
84)	Di-n-octylphthalate	12.76	149	330782	151.55	ng	100
85)	Benzo[b]fluoranthene	13.16	252	182021	118.96	ng	97
86)	Benzo[k]fluoranthene	13.20	252	200332	136.67	ng	96
87)	Benzo[a]pyrene	13.56	252	170848	138.26	ng	98
88)	Indeno[1,2,3-cd]pyrene	14.88	276	159672	141.60	ng	92
89)	Dibenzo[a,h]anthracene	14.91	278	130982	164.60	ng	96
90)	Benzo[g,h,i]perylene	15.16	276	117510	122.88	ng	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03623.D Vial: 13
Acq On : 9 Aug 2005 12:27 Operator: AHD
Sample : CAL BNA@120PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:44 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03624.D Vial: 47
Acq On : 9 Aug 2005 12:51 Operator: AHD
Sample : CAL BNA@160PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:08 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 12:49:48 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.49	152	44861	40.00	ng	0.00
20) Naphthalene-d8	5.45	136	146678	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	76066	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	102236	40.00	ng	0.00
74) Chrysene-d12	11.78	240	47993	40.00	ng	0.00
83) Perylene-d12	13.63	264	30760	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	217430	165.21	ng	0.00
Spiked Amount 200.000			Recovery = 82.61%			
8) Phenol-d5	4.20	99	278417	156.39	ng	0.00
Spiked Amount 200.000			Recovery = 78.19%			
21) Nitrobenzene-d5	4.90	128	61663	84.49	ng	0.00
Spiked Amount 100.000			Recovery = 84.49%			
41) 2-Fluorobiphenyl	6.35	172	184028	75.54	ng	0.00
Spiked Amount 100.000			Recovery = 75.54%			
64) 2,4,6-Tribromophenol	7.82	332	35495	185.86	ng	0.00
Spiked Amount 200.000			Recovery = 92.93%			
77) Terphenyl-d14	10.48	244	106763	87.69	ng	0.00
Spiked Amount 100.000			Recovery = 87.69%			
Target Compounds						Qvalue
2) Pyridine	2.30	79	297676	232.09	ng	97
3) N-Nitrosodimethylamine	2.27	74	173129	202.93	ng	99
5) Aniline	4.24	93	324785	153.51	ng	95
6) Pentachloroethane	4.27	117	93765	163.65	ng	99
7) bis(2-Chloroethyl)ether	4.28	93	240715	151.55	ng	96
9) Phenol	4.22	94	311957	156.36	ng	95
10) 2-Chlorophenol	4.32	128	229727	155.87	ng	93
11) 1,3-Dichlorobenzene	4.44	146	232896	149.84	ng	97
12) 1,4-Dichlorobenzene	4.50	146	238591	146.73	ng	95
13) 1,2-Dichlorobenzene	4.61	146	230115	149.68	ng	96
14) Benzyl alcohol	4.59	108	147599	162.66	ng	92
15) bis(2-chloroisopropyl)ethe	4.69	45	595218	154.71	ng	99
16) 2-Methylphenol	4.67	108	195741	158.32	ng	97
17) Hexachloroethane	4.86	117	113757	153.01	ng	78
18) N-Nitroso-di-n-propylamine	4.79	70	174060	148.28	ng	87
19) 3&4-Methylphenol	4.79	108	182734	141.11	ng	93
22) Nitrobenzene	4.92	77	248468	156.94	ng	95
23) Isophorone	5.09	82	443221	147.03	ng	99
24) 2-Nitrophenol	5.15	139	131469	157.98	ng	98

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03624.D Vial: 57
Acq On : 9 Aug 2005 12:51 Operator: AHD
Sample : CAL BNA@160PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:08 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 12:49:48 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.18	107	210387	151.27 ng	94
26)	Benzoic Acid	5.29	105	36536	248.14 ng	92
27)	bis(2-Chloroethoxy)methane	5.26	93	262639	145.98 ng	96
28)	2,4-Dichlorophenol	5.33	162	179446	153.80 ng	96
29)	1,2,4-Trichlorobenzene	5.40	180	195458	150.16 ng	92
30)	Naphthalene	5.46	128	517295	139.88 ng	98
31)	4-Chloroaniline	5.50	127	186098	120.36 ng	96
32)	Hexachlorobutadiene	5.55	225	88010	130.08 ng	91
33)	4-Chloro-3-methylphenol	5.89	107	184329	154.55 ng	93
34)	2-Methylnaphthalene	6.03	142	331924	146.44 ng	97
35)	Methylnaphthalenes (Total)	6.03	142	331924	146.44 ng	97
37)	1,2,4,5-Tetrachlorobenzene	6.18	216	159417	150.74 ng	93
38)	Hexachlorocyclopentadiene	6.16	237	95936	191.13 ng	90
39)	2,4,6-Trichlorophenol	6.27	196	125244	167.00 ng	99
40)	2,4,5-Trichlorophenol	6.31	196	138184	164.20 ng	90
42)	2-Chloronaphthalene	6.47	162	321237	141.93 ng	96
43)	2-Nitroaniline	6.56	65	181868	155.71 ng	77
44)	Diphenyl Ether	6.55	170	275195	144.25 ng	94
45)	Acenaphthylene	6.86	152	499954	144.35 ng	98
46)	Dimethylphthalate	6.73	163	376285	144.46 ng	99
47)	1,4-Dimethylnaphthalene	6.78	156	221519	138.30 ng	97
48)	Dimethylnaphthalenes (Tota	6.78	156	221519	138.30 ng	97
49)	2,6-Dinitrotoluene	6.80	165	100691	172.98 ng	97
50)	Acenaphthene	7.03	153	298128	141.14 ng	96
51)	3-Nitroaniline	6.96	138	80046	120.20 ng	96
52)	2,4-Dinitrophenol	7.06	184	54688	247.09 ng	78
53)	Dibenzofuran	7.21	168	440582	142.18 ng	95
54)	2,4-Dinitrotoluene	7.20	165	127197	158.79 ng	99
55)	4-Nitrophenol	7.12	65	88939	176.58 ng	85
56)	2,3,4,6-Tetrachlorophenol	7.33	232	85493	176.64 ng	97
57)	Fluorene	7.57	166	293685	131.92 ng	100
58)	4-Chlorophenyl-phenylether	7.57	204	144842	128.45 ng	95
59)	Diethylphthalate	7.46	149	376093	142.51 ng	98
60)	4-Nitroaniline	7.59	138	117344	157.75 ng	99
62)	4,6-Dinitro-2-methylphenol	7.63	198	72962	250.56 ng	100
63)	n-Nitrosodiphenylamine	7.69	169	240237	160.51 ng	99
65)	1,2-Diphenylhydrazine	7.74	77	449930	161.35 ng	93
66)	4-Bromophenyl-phenylether	8.10	248	85149	167.77 ng	96
67)	Hexachlorobenzene	8.16	284	90013	160.41 ng	99
68)	Pentachlorophenol	8.38	266	45900	268.15 ng	89
69)	Phenanthrene	8.62	178	438849	152.85 ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03624.D Vial: 57
Acq On : 9 Aug 2005 12:51 Operator: AHD
Sample : CAL BNA@160PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:08 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 12:49:48 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

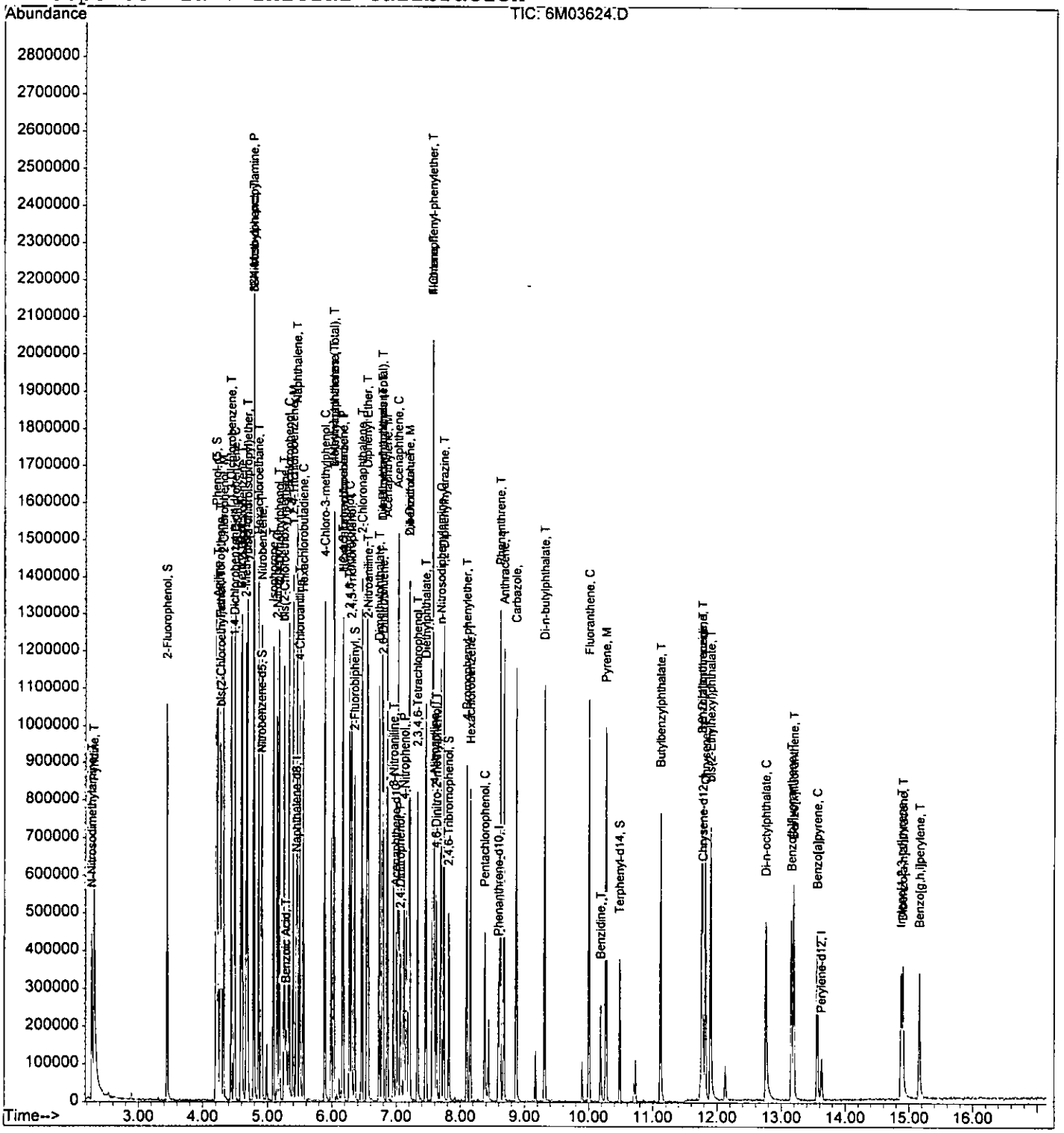
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Anthracene	8.68	178	436159	151.01 ng	97
71)	Carbazole	8.87	167	420469	153.19 ng	98
72)	Di-n-butylphthalate	9.31	149	558890	153.36 ng	98
73)	Fluoranthene	10.00	202	384198	147.83 ng	99
75)	Pyrene	10.27	202	403475	171.14 ng	92
76)	Benzidine	10.19	184	90942	149.80 ng	100
78)	Butylbenzylphthalate	11.12	149	203406	184.81 ng	99
79)	3,3'-Dichlorobenzidine	11.76	252	56105	132.56 ng	97
80)	Benzo[a]anthracene	11.77	228	249247	159.20 ng	96
81)	Chrysene	11.82	228	236642	159.28 ng	99
82)	bis(2-Ethylhexyl)phthalate	11.90	149	249848	197.41 ng	99
84)	Di-n-octylphthalate	12.76	149	355094	210.41 ng	99
85)	Benzo[b]fluoranthene	13.16	252	182010	153.20 ng	91
86)	Benzo[k]fluoranthene	13.19	252	209560	156.60 ng	99
87)	Benzo[a]pyrene	13.56	252	174701	155.23 ng	96
88)	Indeno[1,2,3-cd]pyrene	14.88	276	173056	181.01 ng	81
89)	Dibenzo[a,h]anthracene	14.91	278	127682	163.54 ng	88
90)	Benzo[g,h,i]perylene	15.17	276	130307	166.43 ng	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03624.D Vial: 57
Acq On : 9 Aug 2005 12:51 Operator: AHD
Sample : CAL BNA@160PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:08 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03625.D Vial: 8
Acq On : 9 Aug 2005 13:15 Operator: AHD
Sample : CAL BNA@200PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:32 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 13:16:40 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.49	152	55594	40.00	ng	0.00
20) Naphthalene-d8	5.45	136	185870	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	104894	40.00	ng	0.00
61) Phenanthrene-d10	8.60	188	160243	40.00	ng	0.00
74) Chrysene-d12	11.78	240	73714	40.00	ng	0.00
83) Perylene-d12	13.63	264	40732	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	311487	189.95	ng	0.00
Spiked Amount 200.000			Recovery = 94.97%			
8) Phenol-d5	4.21	99	405368	184.43	ng	0.02
Spiked Amount 200.000			Recovery = 92.22%			
21) Nitrobenzene-d5	4.90	128	96409	103.28	ng	0.00
Spiked Amount 100.000			Recovery = 103.28%			
41) 2-Fluorobiphenyl	6.35	172	301293	90.53	ng	0.00
Spiked Amount 100.000			Recovery = 90.53%			
64) 2,4,6-Tribromophenol	7.83	332	67240	218.74	ng	0.00
Spiked Amount 200.000			Recovery = 109.37%			
77) Terphenyl-d14	10.49	244	214925	113.12	ng	0.00
Spiked Amount 100.000			Recovery = 113.12%			
Target Compounds						Qvalue
2) Pyridine	2.30	79	362121	169.45	ng	97
3) N-Nitrosodimethylamine	2.27	74	240333	194.89	ng	99
5) Aniline	4.24	93	499098	191.65	ng	# 40
6) Pentachloroethane	4.27	117	121472	170.43	ng	91
7) bis(2-Chloroethyl)ether	4.29	93	334595	171.50	ng	95
9) Phenol	4.22	94	454829	184.66	ng	98
10) 2-Chlorophenol	4.33	128	339977	186.94	ng	98
11) 1,3-Dichlorobenzene	4.44	146	321862	168.89	ng	98
12) 1,4-Dichlorobenzene	4.50	146	321609	161.84	ng	97
13) 1,2-Dichlorobenzene	4.61	146	314788	167.02	ng	98
14) Benzyl alcohol	4.59	108	216169	191.71	ng	97
15) bis(2-chloroisopropyl)ethe	4.69	45	862123	181.82	ng	100
16) 2-Methylphenol	4.67	108	272562	178.20	ng	96
17) Hexachloroethane	4.86	117	152438	166.67	ng	78
18) N-Nitroso-di-n-propylamine	4.80	70	266109	185.19	ng	95
19) 3&4-Methylphenol	4.80	108	267430	169.99	ng	95
22) Nitrobenzene	4.92	77	366960	183.49	ng	97
23) Isophorone	5.10	82	704749	187.02	ng	95
24) 2-Nitrophenol	5.15	139	213932	203.29	ng	98

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03625.D Vial: 67
Acq On : 9 Aug 2005 13:15 Operator: AHD
Sample : CAL BNA@200PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:32 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 13:16:40 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.18	107	322493	184.66 ng	99
26)	Benzoic Acid	5.31	105	66928	243.28 ng	95
27)	bis(2-Chloroethoxy)methane	5.26	93	397567	176.96 ng	98
28)	2,4-Dichlorophenol	5.34	162	274441	186.82 ng	90
29)	1,2,4-Trichlorobenzene	5.40	180	281620	172.50 ng	92
30)	Naphthalene	5.47	128	751848	163.87 ng	99
31)	4-Chloroaniline	5.51	127	273331	145.51 ng	96
32)	Hexachlorobutadiene	5.55	225	133664	160.92 ng	91
33)	4-Chloro-3-methylphenol	5.89	107	291259	193.81 ng	99
34)	2-Methylnaphthalene	6.03	142	480737	169.77 ng	96
35)	Methylnaphthalenes (Total)	6.03	142	480737	169.77 ng	96
37)	1,2,4,5-Tetrachlorobenzene	6.18	216	240802	166.72 ng	94
38)	Hexachlorocyclopentadiene	6.16	237	155117	217.06 ng	90
39)	2,4,6-Trichlorophenol	6.28	196	201238	193.18 ng	92
40)	2,4,5-Trichlorophenol	6.31	196	233290	200.15 ng	90
42)	2-Chloronaphthalene	6.47	162	503801	164.51 ng	98
43)	2-Nitroaniline	6.57	65	308165	192.19 ng	75
44)	Diphenyl Ether	6.55	170	415697	160.65 ng	99
45)	Acenaphthylene	6.86	152	796117	169.45 ng	98
46)	Dimethylphthalate	6.74	163	643479	182.10 ng	99
47)	1,4-Dimethylnaphthalene	6.78	156	350940	162.56 ng	99
48)	Dimethylnaphthalenes (Tota	6.78	156	350940	162.56 ng	99
49)	2,6-Dinitrotoluene	6.80	165	176133	216.50 ng	96
50)	Acenaphthene	7.04	153	464284	162.59 ng	93
51)	3-Nitroaniline	6.96	138	144312	163.95 ng	93
52)	2,4-Dinitrophenol	7.07	184	122512	303.78 ng	78
53)	Dibenzofuran	7.21	168	665479	158.68 ng	98
54)	2,4-Dinitrotoluene	7.21	165	210542	190.84 ng	84
55)	4-Nitrophenol	7.13	65	172988	209.69 ng	96
56)	2,3,4,6-Tetrachlorophenol	7.33	232	138284	203.66 ng	95
57)	Fluorene	7.57	166	454498	152.50 ng	99
58)	4-Chlorophenyl-phenylether	7.57	204	230727	153.42 ng	96
59)	Diethylphthalate	7.47	149	668666	187.15 ng	97
60)	4-Nitroaniline	7.61	138	220096	215.07 ng	97
62)	4,6-Dinitro-2-methylphenol	7.63	198	150294	228.42 ng	100
63)	n-Nitrosodiphenylamine	7.70	169	429042	182.79 ng	95
65)	1,2-Diphenylhydrazine	7.75	77	783544	179.02 ng	92
66)	4-Bromophenyl-phenylether	8.10	248	151522	188.94 ng	96
67)	Hexachlorobenzene	8.17	284	168935	191.99 ng	89
68)	Pentachlorophenol	8.38	266	96352	234.56 ng	96
69)	Phenanthrene	8.63	178	753194	168.63 ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03625.D Vial: 88
Acq On : 9 Aug 2005 13:15 Operator: AHD
Sample : CAL BNA@200PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:32 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 13:16:40 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

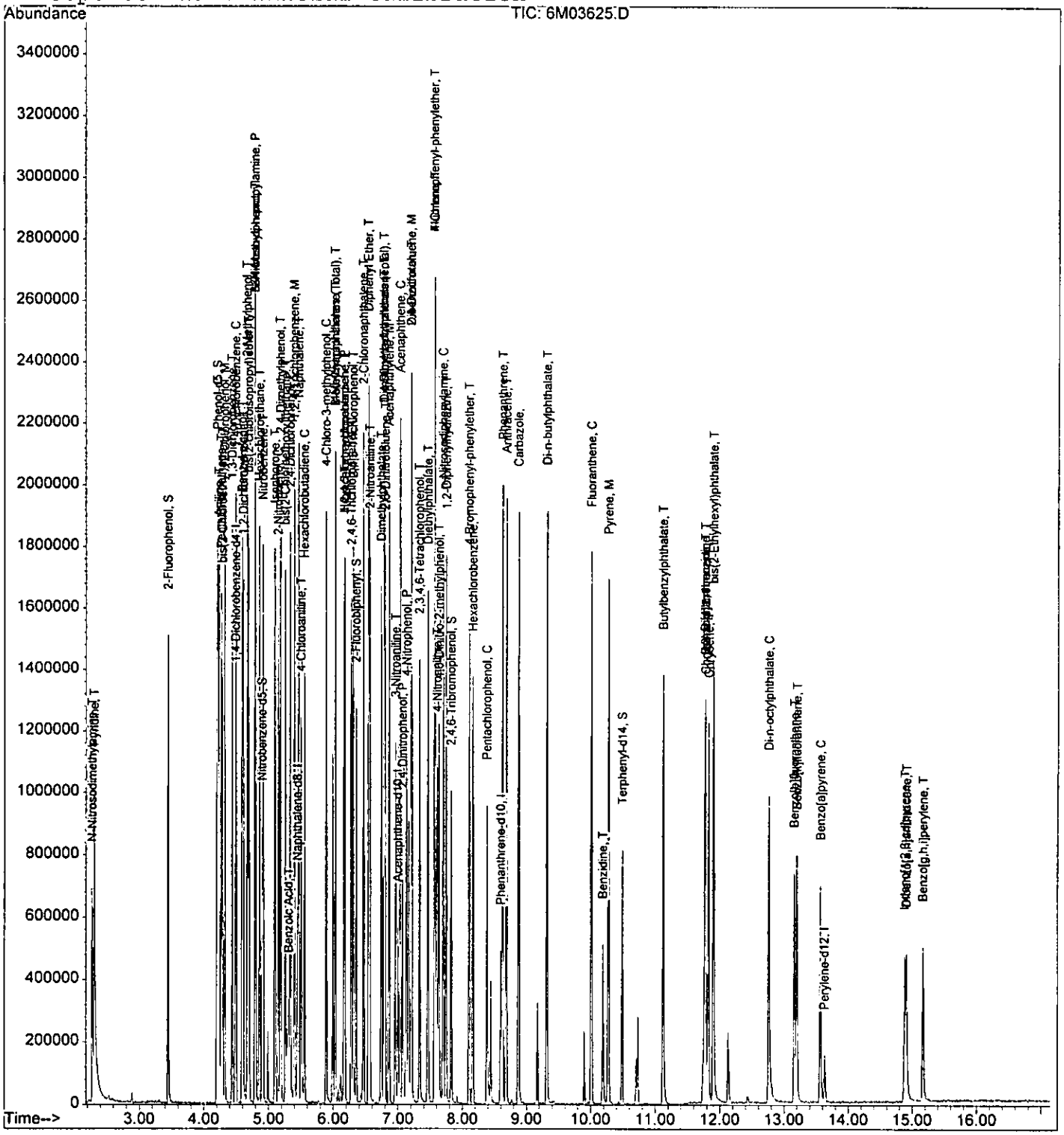
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Anthracene	8.69	178	775847	173.00	ng	99
71)	Carbazole	8.88	167	776304	181.74	ng	98
72)	Di-n-butylphthalate	9.32	149	1064683	187.69	ng	99
73)	Fluoranthene	10.01	202	709650	176.45	ng	95
75)	Pyrene	10.27	202	728928	198.99	ng	98
76)	Benzidine	10.19	184	183791	199.23	ng	95
78)	Butylbenzylphthalate	11.12	149	386739	213.44	ng	99
79)	3,3'-Dichlorobenzidine	11.76	252	91515	144.92	ng	94
80)	Benzo[a]anthracene	11.78	228	458601	190.87	ng	97
81)	Chrysene	11.82	228	423508	185.73	ng	97
82)	bis(2-Ethylhexyl)phthalate	11.90	149	478492	222.06	ng	100
84)	Di-n-octylphthalate	12.76	149	657266	279.44	ng	99
85)	Benzo[b]fluoranthene	13.17	252	311283	199.27	ng	98
86)	Benzo[k]fluoranthene	13.20	252	316669	179.35	ng	96
87)	Benzo[a]pyrene	13.57	252	282973	190.83	ng	95
88)	Indeno[1,2,3-cd]pyrene	14.89	276	245331	189.63	ng	87
89)	Dibenzo[a,h]anthracene	14.91	278	195895	188.79	ng	84
90)	Benzo[g,h,i]perylene	15.16	276	190840	182.85	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03625.D Vial: 8
Acq On : 9 Aug 2005 13:15 Operator: AHD
Sample : CAL BNA@200PPM Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:32 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05466.	CAL BNA@50PPM	08/09/05 11:53	2	4M05468.	CAL BNA@10PPM	08/09/05 12:40
3	4M05469.	CAL BNA@25PPM	08/09/05 13:04	4	4M05470.	CAL BNA@80PPM	08/09/05 13:28
5	4M05471.	CAL BNA@120PPM	08/09/05 13:52	6	4M05472.	CAL BNA@160PPM	08/09/05 14:16
7	4M05473.	CAL BNA@200PPM	08/09/05 14:40				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.6085	1.2323	1.9051	1.7830	1.7369	1.5428	1.6209	----	1.63	2.21	0.993	0.995	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	1.0357	0.7391	0.9035	0.9890	1.0346	0.9990	0.9421	----	0.949	2.16	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.2039	1.0760	1.2634	1.1725	1.0679	1.0566	0.9456	----	1.11	3.71	0.988	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8071	1.6864	2.1110	1.5832	1.4036	----	----	----	1.72	4.59	0.979	0.997	15	50.00	10.00	25.00	80.00	120.0			
bis(2-Chloroethyl)ether	1	0	Avg	1.2217	1.2399	1.3090	1.1690	1.1998	1.1588	1.1426	----	1.21	4.65	0.999	1.00	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.5341	1.4517	1.5686	1.4728	1.2536	1.2408	1.2552	----	1.40	4.58	0.994	0.995	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.6286	1.6446	1.8549	1.6377	1.2874	1.2978	1.3068	----	1.52	4.59	0.988	0.990	15*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.2567	1.2619	1.3171	1.1983	1.1138	1.0565	1.0237	----	1.18	4.68	0.995	1.00	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.3813	1.4367	1.5501	1.3230	1.1297	1.1225	1.2045	----	1.31	4.81	0.992	0.992	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.3427	1.3844	1.5858	1.3119	1.1634	1.1341	1.1183	----	1.29	4.88	0.996	0.998	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.3397	1.4377	1.4553	1.2249	0.9916	----	----	----	1.29	4.99	0.966	1.00	15	50.00	10.00	25.00	80.00	120.0			
Benzyl alcohol	1	0	Avg	0.7388	0.6844	0.8123	0.6740	0.6486	0.6240	0.6418	----	0.689	4.98	0.998	0.998	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	3.4897	3.3178	3.3894	3.1631	2.8322	2.7178	2.5970	----	3.07	5.09	0.992	0.998	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.1114	1.0454	1.1425	0.9858	0.7926	----	----	----	1.02	5.07	0.957	1.00	14	50.00	10.00	25.00	80.00	120.0			
Hexachloroethane	1	0	Avg	0.7112	0.6761	0.7510	0.6550	0.5710	0.5615	0.5203	----	0.635	5.26	0.989	0.998	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.0857	1.1356	1.1681	0.9901	0.9484	0.9234	0.9224	----	1.02	5.20	0.999	0.999	10**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.0098	0.9434	1.1957	0.8568	0.9102	0.8764	0.9077	----	0.957	5.20	0.996	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.2014	0.1973	0.1807	0.1978	0.1937	0.1936	0.1891	----	0.193	5.30	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4597	0.4691	0.4946	0.4762	0.4155	0.4004	0.3981	----	0.445	5.32	0.995	0.997	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.7693	0.8643	0.8062	0.7934	0.7927	0.8067	0.7591	----	0.799	5.50	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2316	0.2273	0.2444	0.2310	0.2326	0.2482	0.2092	----	0.232	5.56	0.984	0.990	5.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4161	0.4063	0.4367	0.4223	0.3525	0.3597	0.3268	----	0.389	5.60	0.987	0.996	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0889	0.0720	0.0929	0.0898	0.0750	0.0664	0.0692	----	0.0792	5.72	0.981	0.989	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.5108	0.4946	0.5277	0.5044	0.4258	0.4193	0.4050	----	0.470	5.68	0.992	0.997	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3214	0.3949	0.3238	0.3329	0.3127	0.3018	0.2868	----	0.325	5.75	0.996	0.999	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3692	0.4369	0.3910	0.3575	0.3513	0.3287	0.3058	----	0.363	5.81	0.993	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	0.9040	1.1746	0.9991	0.8975	0.8613	0.8390	----	----	0.946	5.87	0.999	1.00	13	50.00	10.00	25.00	80.00	120.0	160.0		
4-Chloroaniline	1	0	Avg	0.4102	0.4897	0.4581	0.3934	0.3209	0.2957	0.2622	----	0.376	5.92	0.966	0.997	23	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.2618	0.2974	0.2428	0.2530	0.2342	0.2308	0.2059	----	0.247	5.97	0.988	0.998	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3422	0.4057	0.3300	0.3468	0.3173	0.3154	0.3229	----	0.340	6.32	0.998	0.998	9.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6333	0.6888	0.6565	0.6286	0.5852	0.5607	0.5057	----	0.608	6.45	0.988	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalene(Total)	1	0	Avg	0.6333	0.6888	0.6565	0.6286	0.5852	0.5607	0.5057	----	0.608	6.45	0.988	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.7907	0.8204	0.7926	0.7277	0.6349	0.5817	0.5663	----	0.702	6.60	0.987	0.997	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.5826	0.4106	0.4903	0.5784	0.5730	0.5029	0.4793	----	0.517	6.59	0.984	0.998	12**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.5269	0.5632	0.4766	0.5225	0.4889	0.4748	0.4422	----	0.499	6.70	0.994	0.999	8.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.5323	0.5375	0.5485	0.4843	0.4453	0.3900	0.3813	----	0.474	6.73	0.985	0.997	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.4689	1.4401	1.5400	1.4013	1.3580	1.2419	1.1232	----	1.37	6.78	0.987	1.00	10	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.2017	1.2999	1.2458	1.1636	1.0986	0.9676	0.8956	----	1.12	6.88	0.981	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.7156	0.6807	0.6614	0.6792	0.5805	0.5257	0.5392	----	0.626	6.99	0.986	0.992	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8443	----	0.8397	0.8074	0.7187	0.6450	0.6085	----	0.744	7.20	0.982	0.998	14	50.00		25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalene(Tota	1	0	Avg	0.8443	----	0.8397	0.8074	0.7187	0.6450	0.6085	----	0.744	7.20	0.982	0.998	14	50.00		25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	1.0724	----	1.0872	0.9951	0.9247	0.8003	0.7438	----	0.937	6.96	0.976	0.998	15	50.00		25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M05466.	CAL BNA@50PPM	08/09/05 11:53	2	4M05468.	CAL BNA@10PPM	08/09/05 12:40
3	4M05469.	CAL BNA@25PPM	08/09/05 13:04	4	4M05470.	CAL BNA@80PPM	08/09/05 13:28
5	4M05471.	CAL BNA@120PPM	08/09/05 13:52	6	4M05472.	CAL BNA@160PPM	08/09/05 14:16
7	4M05473.	CAL BNA@200PPM	08/09/05 14:40				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Acenaphthylene	1	0	Avg	1.9436	2.0396	1.8918	1.9230	1.6317	1.4641	1.4322	-----	1.76	7.28	0.981	0.995	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.5207	1.6520	1.4579	1.4338	1.4088	1.2658	1.2309	-----	1.42	7.16	0.992	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3343	0.3383	0.3472	0.3322	0.3386	0.3280	0.3237	-----	0.335	7.22	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.2352	1.3249	1.2470	1.1687	1.0740	0.9984	0.9644	-----	1.14	7.46	0.993	0.999	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3143	0.2940	0.3306	0.2986	0.2197	----	-----	----	0.291	7.38	0.930	0.996	15	50.00	10.00	25.00	80.00	120.0			
2,4-Dinitrophenol	1	0	Avg	0.1594	----	0.0941	0.1729	0.1838	0.1790	0.2005	-----	0.165	7.50	0.995	0.996	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6220	-----	1.6052	1.5477	1.2742	1.1911	1.1552	-----	1.40	7.63	0.985	0.992	15	50.00		25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4188	0.4307	0.4032	0.4101	0.3679	0.3310	0.3585	----	0.389	7.63	0.991	0.992	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.2879	0.2042	0.2485	0.2983	0.2933	0.3102	0.2996	-----	0.277	7.56	0.999	0.999	14**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.1203	1.2565	1.1743	1.0974	0.9507	0.8395	-----	----	1.07	7.99	0.982	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0		
4-Chlorophenyl-phenyleth	1	0	Avg	0.6352	----	0.6840	0.5984	0.5407	0.4960	-----	-----	0.591	8.00	0.991	1.00	13	50.00		25.00	80.00	120.0	160.0		
Diethylphthalate	1	0	Avg	1.5670	1.6264	1.5825	1.5030	1.3270	1.2403	1.2276	-----	1.44	7.88	0.992	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.2715	0.2839	0.2626	0.2737	0.2588	0.2495	0.3003	-----	0.272	8.02	0.982	0.990	6.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1707	-----	0.1358	0.1759	0.1788	0.1572	0.1689	-----	0.165	8.05	0.992	0.992	9.7	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6432	0.6427	0.6625	0.6137	0.5932	0.5419	0.4699	-----	0.595	8.12	0.974	0.999	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.2100	0.2197	0.2115	0.2114	0.2007	0.1836	0.1725	-----	0.201	8.24	0.989	1.00	8.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.1810	1.2122	1.1524	1.2098	1.0833	0.9730	0.8150	-----	1.09	8.16	0.953	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.3192	0.3252	0.3224	0.3117	0.3163	0.2821	0.2494	-----	0.304	8.53	0.977	0.997	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.4350	0.4521	0.4313	0.4222	0.4006	0.3583	0.3172	-----	0.402	8.58	0.986	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.1937	-----	0.1557	0.1972	0.2083	0.2032	0.2026	-----	0.193	8.81	0.999	1.00	9.9*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.1109	1.1788	1.1156	1.0452	0.9593	0.8962	0.8338	-----	1.02	9.04	0.989	1.00	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.1175	1.1759	1.1227	1.0386	0.9731	0.9162	0.7681	----	1.02	9.10	0.969	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	0.9047	0.9500	0.8891	0.8492	0.8103	0.8054	0.7899	-----	0.857	9.30	0.999	1.00	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.7484	1.8809	1.7861	1.6179	1.4645	1.3803	1.2193	-----	1.59	9.75	0.980	0.999	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	0.9234	1.0521	0.9288	0.8513	0.8251	0.8286	0.8791	-----	0.898	10.42	0.997	0.998	8.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.6610	1.6418	1.8367	1.7629	1.5358	1.3650	1.3983	-----	1.60	10.69	0.987	0.993	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.4156	-----	-----	0.4358	0.3924	0.3712	0.3871	-----	0.400	10.61	0.993	0.994	6.3	50.00			80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	1.1076	1.1027	1.2367	1.2198	1.1598	1.0497	1.0581	----	1.13	10.91	0.994	0.997	6.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	0.8907	0.8355	0.9681	0.9826	0.8613	0.7892	0.7244	-----	0.865	11.55	0.979	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.4591	0.4792	0.4750	0.3922	0.3574	0.3236	0.3321	-----	0.403	12.19	0.990	0.994	17	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.2921	1.4127	1.3369	1.3142	1.2724	1.1624	1.2067	-----	1.29	12.19	0.997	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.1562	1.2109	1.2057	1.1429	1.1201	1.0698	1.0704	-----	1.14	12.23	0.999	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.3282	1.3676	1.4330	1.4374	1.2257	1.1009	0.9814	----	1.27	12.32	0.966	0.998	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.2441	2.0621	2.3672	2.2624	2.1567	2.1514	1.9393	-----	2.17	13.19	0.992	0.998	6.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	1.4916	1.6029	1.4337	1.4280	1.4601	1.4384	1.4971	----	1.48	13.58	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	1.4550	1.3268	1.4864	1.3195	1.3483	1.4082	1.1204	----	1.35	13.61	0.969	0.984	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.3479	1.3200	1.2989	1.2974	1.3098	1.2762	1.2649	-----	1.30	13.98	1.00	1.00	2.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.5838	1.5068	1.5139	1.4220	1.4850	1.4170	1.3482	-----	1.47	15.29	0.996	0.999	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.2824	1.1617	1.2126	1.1515	1.2105	1.1376	1.0452	----	1.17	15.31	0.991	0.998	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.3104	1.2559	1.2984	1.2333	1.2625	1.1640	1.0839	----	1.23	15.56	0.991	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

£088

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 38
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:08:50 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	65895	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	205394	40.00	ng	0.00
35) Acenaphthene-d10	7.41	164	97133	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	125279	40.00	ng	0.00
72) Chrysene-d12	12.20	240	69622	40.00	ng	0.00
81) Perylene-d12	14.05	264	56505	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	99169	54.28	ng	0.00
Spiked Amount 200.000			Recovery = 27.14%			
7) Phenol-d5	4.58	99	126365	55.37	ng	0.00
Spiked Amount 200.000			Recovery = 27.69%			
20) Nitrobenzene-d5	5.30	128	25856	25.52	ng	0.00
Spiked Amount 100.000			Recovery = 25.52%			
40) 2-Fluorobiphenyl	6.78	172	89175	26.81	ng	0.00
Spiked Amount 100.000			Recovery = 26.81%			
62) 2,4,6-Tribromophenol	8.24	332	32896	51.97	ng	0.00
Spiked Amount 200.000			Recovery = 25.99%			
75) Terphenyl-d14	10.91	244	48199	24.22	ng	0.00
Spiked Amount 100.000			Recovery = 24.22%			
Target Compounds						Qvalue
2) Pyridine	2.21	79	132491	48.71	ng	96
3) N-Nitrosodimethylamine	2.16	74	85317	53.73	ng	98
5) Aniline	4.59	93	148850	60.16	ng	40
6) bis(2-Chloroethyl)ether	4.65	93	100631	49.98	ng	90
8) Phenol	4.59	94	134148	53.90	ng	89
9) 2-Chlorophenol	4.68	128	103517	53.50	ng	69
10) 1,3-Dichlorobenzene	4.81	146	113782	52.36	ng	97
11) 1,4-Dichlorobenzene	4.88	146	110597	51.53	ng	96
12) 1,2-Dichlorobenzene	4.99	146	110356	60.88	ng	98
13) Benzyl alcohol	4.98	108	60854	52.92	ng	61
14) bis(2-chloroisopropyl)ethe	5.09	45	287448	58.03	ng	95
15) 2-Methylphenol	5.07	108	91546	62.76	ng	99
16) Hexachloroethane	5.26	117	58587	57.11	ng	78
17) N-Nitroso-di-n-propylamine	5.20	70	89433	53.46	ng	84
18) 3&4-Methylphenol	5.20	108	83182	52.06	ng	99
21) Nitrobenzene	5.32	77	118028	52.26	ng	97
22) Isophorone	5.50	82	197529	47.28	ng	90
23) 2-Nitrophenol	5.56	139	59483	50.01	ng	79
24) 2,4-Dimethylphenol	5.60	107	106851	53.74	ng	98

(#) = qualifier out of range (m) = manual integration

1818

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 30
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:08:50 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.72	105	22824	54.09 ng	95
26)	bis(2-Chloroethoxy)methane	5.68	93	131145	54.26 ng	99
27)	2,4-Dichlorophenol	5.75	162	82541	48.34 ng	96
28)	1,2,4-Trichlorobenzene	5.81	180	94808	49.77 ng	92
29)	Naphthalene	5.87	128	232109	46.32 ng	99
30)	4-Chloroaniline	5.92	127	105320	53.62 ng	100
31)	Hexachlorobutadiene	5.97	225	67218	52.96 ng	97
32)	4-Chloro-3-methylphenol	6.32	107	87865	49.54 ng	87
33)	2-Methylnaphthalene	6.45	142	162604	51.79 ng	97
34)	Methylnaphthalene(Total)	6.45	142	162604	51.79 ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	96011	56.39 ng	98
37)	Hexachlorocyclopentadiene	6.59	237	70739	56.74 ng	95
38)	2,4,6-Trichlorophenol	6.70	196	63984	52.81 ng	98
39)	2,4,5-Trichlorophenol	6.73	196	64637	55.50 ng	99
41)	2-Chloronaphthalene	6.88	162	145909	52.96 ng	96
42)	2-Nitroaniline	6.99	65	86895	57.49 ng	91
43)	1,4-Dimethylnaphthalene	7.20	156	102512	54.20 ng	93
44)	Dimethylnaphthalene(Total)	7.20	156	102512	54.20 ng	93
45)	Diphenyl Ether	6.96	170	130210	55.11 ng	99
46)	Acenaphthylene	7.28	152	235995	55.62 ng	99
47)	Dimethylphthalate	7.16	163	184644	53.39 ng	100
48)	2,6-Dinitrotoluene	7.22	165	40595	49.41 ng	76
49)	Acenaphthene	7.46	153	149978	54.44 ng	97
50)	3-Nitroaniline	7.38	138	38167	58.95 ng	98
51)	2,4-Dinitrophenol	7.50	184	19364	48.06 ng	88
52)	Dibenzofuran	7.63	168	196941	55.96 ng	98
53)	2,4-Dinitrotoluene	7.63	165	50857	53.72 ng	95
54)	4-Nitrophenol	7.56	65	34958	51.57 ng	97
55)	Fluorene	7.99	166	136034	53.67 ng	97
56)	4-Chlorophenyl-phenylether	8.00	204	77132	53.78 ng	95
57)	Diethylphthalate	7.88	149	190259	54.58 ng	100
58)	4-Nitroaniline	8.02	138	32970	50.46 ng	96
60)	4,6-Dinitro-2-methylphenol	8.05	198	26737	54.88 ng	100
61)	n-Nitrosodiphenylamine	8.12	169	100730	54.09 ng	97
63)	1,2-Diphenylhydrazine	8.16	77	184952	54.26 ng	94
64)	4-Bromophenyl-phenylether	8.53	248	50000	52.69 ng	81
65)	Hexachlorobenzene	8.58	284	68132	54.00 ng	97
66)	Pentachlorophenol	8.81	266	30335	52.87 ng	97
67)	Phenanthrene	9.04	178	173980	54.37 ng	99
68)	Anthracene	9.10	178	175013	55.27 ng	99
69)	Carbazole	9.30	167	141688	52.77 ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 38
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:08:50 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

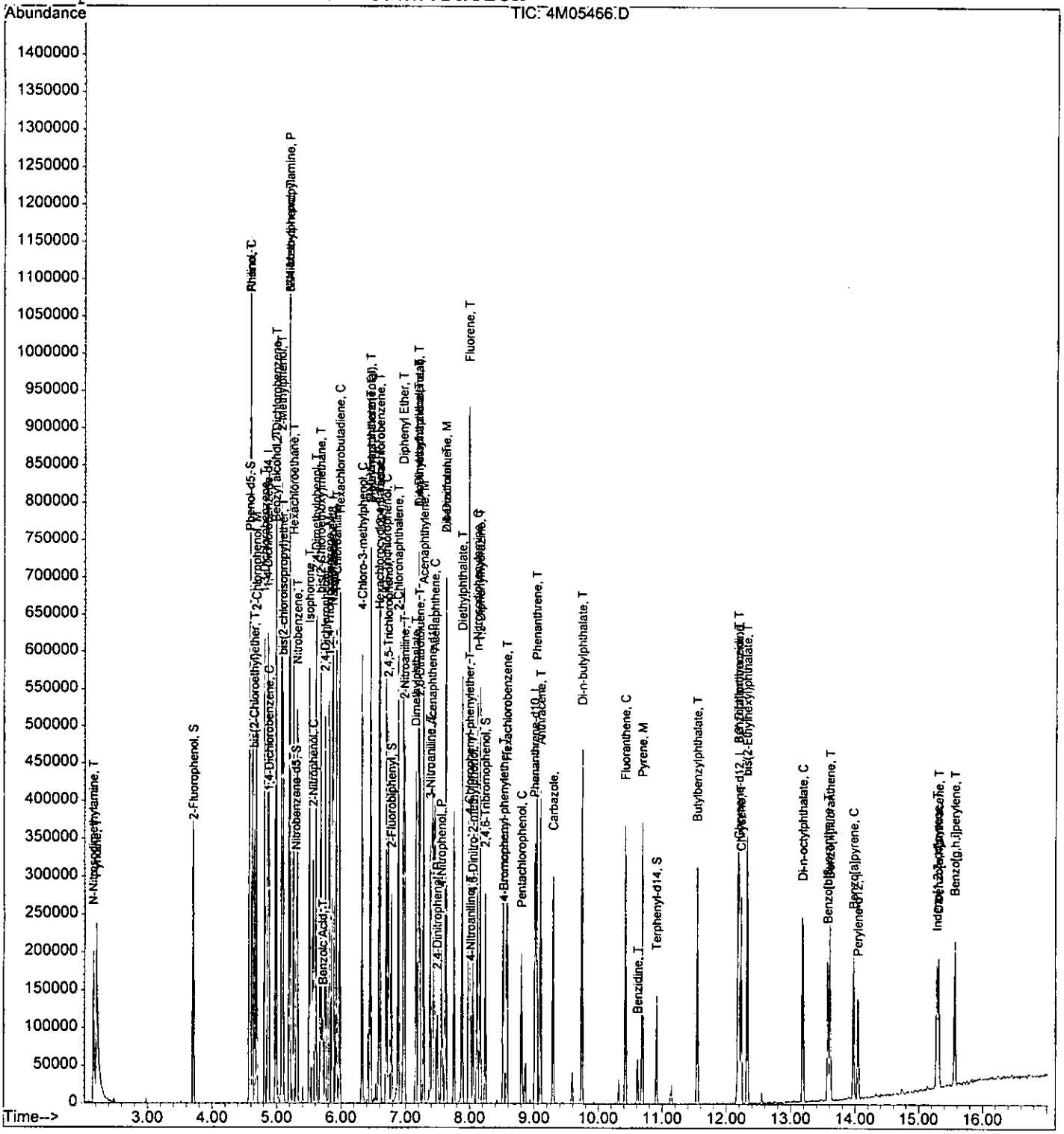
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	273804	55.35	ng	99
71)	Fluoranthene	10.42	202	144610	50.83	ng	99
73)	Pyrene	10.69	202	144553	51.57	ng	93
74)	Benzidine	10.61	184	36176	45.45	ng	97
76)	Butylbenzylphthalate	11.55	149	77518	51.39	ng	93
77)	3,3'-Dichlorobenzidine	12.19	252	39961	56.79	ng	97
78)	Benzo[a]anthracene	12.19	228	112454	49.97	ng	99
79)	Chrysene	12.23	228	100624	50.51	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.32	149	115591	52.29	ng	94
82)	Di-n-octylphthalate	13.19	149	158508	51.57	ng	100
83)	Benzo[b]fluoranthene	13.58	252	105358	49.83	ng	93
84)	Benzo[k]fluoranthene	13.61	252	102773	54.33	ng	97
85)	Benzo[a]pyrene	13.98	252	95204	51.70	ng	96
86)	Indeno[1,2,3-cd]pyrene	15.29	276	111866	54.10	ng	80
87)	Dibenzo[a,h]anthracene	15.31	278	90583	54.86	ng	99
88)	Benzo[g,h,i]perylene	15.56	276	92561	53.28	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05466.D Vial: 25
Acq On : 9 Aug 2005 11:53 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 15:18 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 8
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	57842	40.00	ng	-0.08
19) Naphthalene-d8	5.86	136	155113	40.00	ng	-0.08
35) Acenaphthene-d10	7.41	164	79782	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	109338	40.00	ng	-0.12
72) Chrysene-d12	12.20	240	69500	40.00	ng	-0.13
81) Perylene-d12	14.04	264	58179	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.70	112	15560	9.54	ng	-0.09
Spiked Amount 200.000			Recovery = 4.77%			
7) Phenol-d5	4.57	99	20993	9.67	ng	-0.08
Spiked Amount 200.000			Recovery = 4.84%			
20) Nitrobenzene-d5	5.30	128	3827	4.93	ng	-0.08
Spiked Amount 100.000			Recovery = 4.93%			
40) 2-Fluorobiphenyl	6.77	172	14362	5.62	ng	-0.10
Spiked Amount 100.000			Recovery = 5.62%			
62) 2,4,6-Tribromophenol	8.24	332	6006	12.27	ng	-0.11
Spiked Amount 200.000			Recovery = 6.14%			
75) Terphenyl-d14	10.91	244	9580	4.89	ng	-0.11
Spiked Amount 100.000			Recovery = 4.89%			
Target Compounds						Qvalue
2) Pyridine	2.27	79	17821	8.13	ng	97
3) N-Nitrosodimethylamine	2.19	74	10688	8.06	ng	86
5) Aniline	4.59	93	24387	10.34	ng	37
6) bis(2-Chloroethyl)ether	4.65	93	17930	10.11	ng	97
8) Phenol	4.58	94	23783	10.12	ng	73
9) 2-Chlorophenol	4.68	128	18249	10.14	ng	90
10) 1,3-Dichlorobenzene	4.81	146	20776	10.76	ng	95
11) 1,4-Dichlorobenzene	4.87	146	20020	10.60	ng	98
12) 1,2-Dichlorobenzene	4.99	146	20790	11.22	ng	98
13) Benzyl alcohol	4.98	108	9898	8.83	ng	78
14) bis(2-chloroisopropyl)ethe	5.08	45	47977	11.02	ng	97
15) 2-Methylphenol	5.07	108	15117	10.08	ng	99
16) Hexachloroethane	5.26	117	9778	11.08	ng	65
17) N-Nitroso-di-n-propylamine	5.19	70	16422	10.62	ng	94
18) 3&4-Methylphenol	5.20	108	13642	8.81	ng	97
21) Nitrobenzene	5.31	77	18191	11.25	ng	80
22) Isophorone	5.50	82	33517	10.85	ng	98
23) 2-Nitrophenol	5.55	139	8816	10.54	ng	86
24) 2,4-Dimethylphenol	5.59	107	15756	10.20	ng	91

(#) = qualifier out of range (m) = manual integration

LB187

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 5568
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.67	105	2793	10.41 ng	90
26)	bis(2-Chloroethoxy)methane	5.68	93	19180	10.39 ng	95
27)	2,4-Dichlorophenol	5.75	162	15316	12.07 ng	90
28)	1,2,4-Trichlorobenzene	5.81	180	16944	12.45 ng	94
29)	Naphthalene	5.87	128	45550	13.37 ng	99
30)	4-Chloroaniline	5.92	127	18991	14.34 ng	97
31)	Hexachlorobutadiene	5.97	225	11534	13.21 ng	96
32)	4-Chloro-3-methylphenol	6.32	107	15736	11.12 ng	88
33)	2-Methylnaphthalene	6.45	142	26714	11.20 ng	99
34)	Methylnaphthalene(Total)	6.45	142	26714	11.20 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	16364	12.56 ng	99
37)	Hexachlorocyclopentadiene	6.59	237	8191	8.94 ng	96
38)	2,4,6-Trichlorophenol	6.70	196	11234	11.97 ng	98
39)	2,4,5-Trichlorophenol	6.73	196	10722	11.16 ng	98
41)	2-Chloronaphthalene	6.88	162	25928	11.61 ng	97
42)	2-Nitroaniline	6.97	65	13577	10.27 ng	88
43)	1,4-Dimethylnaphthalene	7.20	156	18950	12.33 ng	98
44)	Dimethylnaphthalene(Total)	7.20	156	18950	12.33 ng	98
45)	Diphenyl Ether	6.96	170	23439	12.02 ng	89
46)	Acenaphthylene	7.27	152	40681	11.86 ng	98
47)	Dimethylphthalate	7.16	163	32951	11.69 ng	99
48)	2,6-Dinitrotoluene	7.21	165	6748	10.05 ng	68
49)	Acenaphthene	7.44	153	26427	11.76 ng	97
50)	3-Nitroaniline	7.37	138	5864	10.02 ng	79
51)	2,4-Dinitrophenol	0.00	184	0	N.D.	
52)	Dibenzofuran	7.62	168	35292	11.91 ng	91
53)	2,4-Dinitrotoluene	7.62	165	8591	9.79 ng	77
54)	4-Nitrophenol	7.56	65	4074	5.42 ng	90
55)	Fluorene	7.98	166	25063	11.50 ng	99
56)	4-Chlorophenyl-phenylether	7.99	204	14222	10.87 ng	83
57)	Diethylphthalate	7.87	149	32440	11.03 ng	97
58)	4-Nitroaniline	8.01	138	5664	7.51 ng	98
60)	4,6-Dinitro-2-methylphenol	8.05	198	2465	6.28 ng	100
61)	n-Nitrosodiphenylamine	8.12	169	17568	12.67 ng	98
63)	1,2-Diphenylhydrazine	8.16	77	33136	13.33 ng	88
64)	4-Bromophenyl-phenylether	8.52	248	8890	12.58 ng	89
65)	Hexachlorobenzene	8.57	284	12360	13.02 ng	78
66)	Pentachlorophenol	8.80	266	3048	5.89 ng	91
67)	Phenanthrene	9.04	178	32223	11.80 ng	98
68)	Anthracene	9.09	178	32144	11.59 ng	99
69)	Carbazole	9.29	167	25969	10.20 ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 30
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

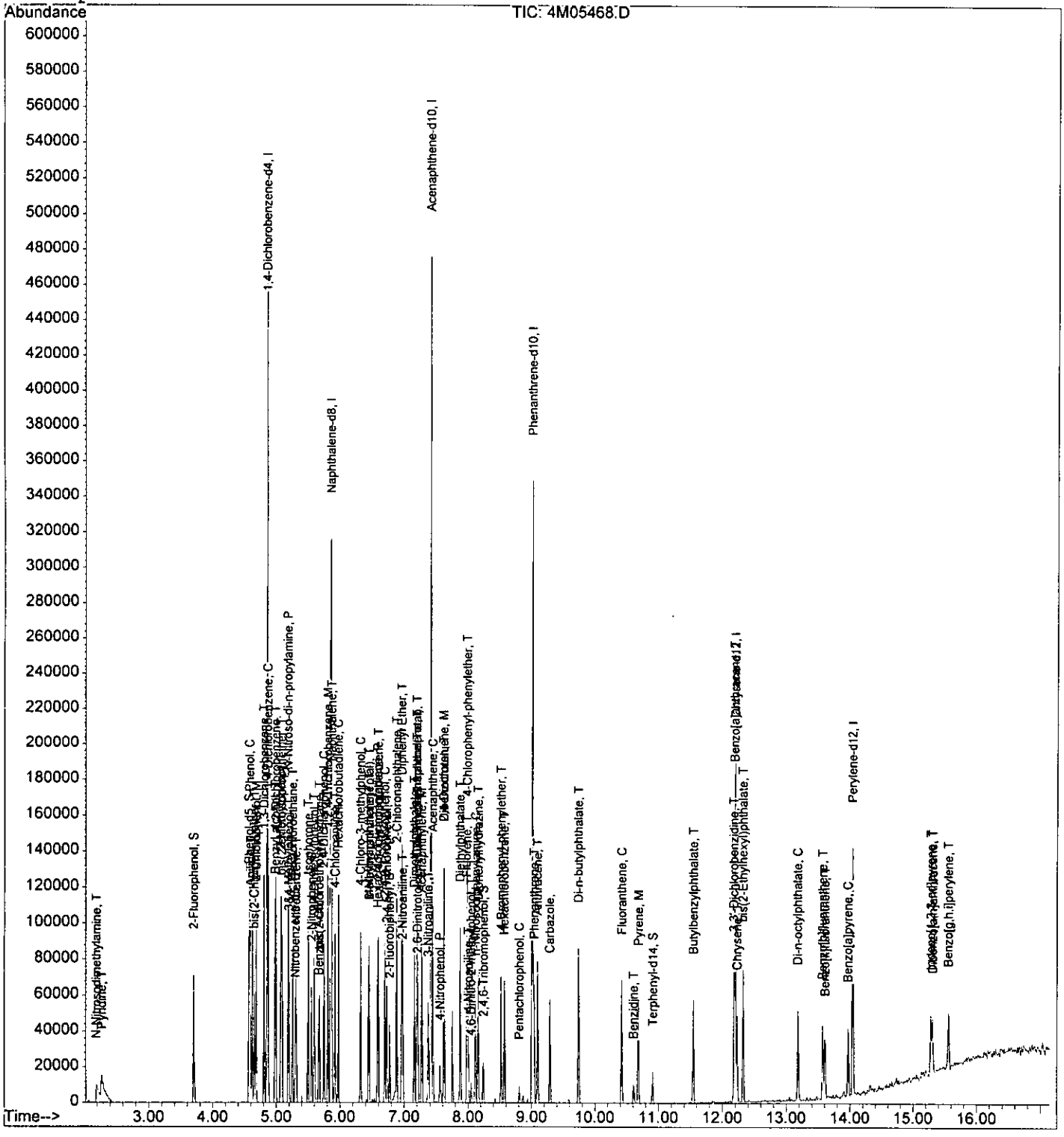
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.74	149	51416	13.81	ng	97
71)	Fluoranthene	10.42	202	28761	10.12	ng	94
73)	Pyrene	10.69	202	28527	10.67	ng	87
74)	Benzidine	10.60	184	9807	13.02	ng	85
76)	Butylbenzylphthalate	11.54	149	14517	11.14	ng	91
77)	3,3'-Dichlorobenzidine	12.18	252	8327	15.84	ng	96
78)	Benzo[a]anthracene	12.19	228	24546	11.25	ng	98
79)	Chrysene	12.23	228	21040	10.80	ng	100
80)	bis(2-Ethylhexyl)phthalate	12.32	149	23762	14.02	ng	98
82)	Di-n-octylphthalate	13.18	149	29994	9.41	ng	99
83)	Benzo[b]fluoranthene	13.57	252	23314	9.63	ng	96
84)	Benzo[k]fluoranthene	13.61	252	19298	9.21	ng	97
85)	Benzo[a]pyrene	13.97	252	19199	9.65	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.28	276	21917	12.15	ng	90
87)	Dibenzo[a,h]anthracene	15.31	278	16898	11.44	ng	95
88)	Benzo[g,h,i]perylene	15.55	276	18267	12.68	ng	95

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05468.D Vial: 18
Acq On : 9 Aug 2005 12:40 Operator: AHD
Sample : CAL BNA@10PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:58 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 4
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.85	152	58066	40.00	ng	-0.09
19) Naphthalene-d8	5.86	136	185861	40.00	ng	-0.09
35) Acenaphthene-d10	7.42	164	93020	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	119103	40.00	ng	-0.12
72) Chrysene-d12	12.19	240	60941	40.00	ng	-0.14
81) Perylene-d12	14.05	264	50092	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	45851	27.99	ng	-0.09
Spiked Amount 200.000			Recovery = 14.00%			
7) Phenol-d5	4.57	99	56929	26.11	ng	-0.09
Spiked Amount 200.000			Recovery = 13.06%			
20) Nitrobenzene-d5	5.30	128	10498	11.28	ng	-0.08
Spiked Amount 100.000			Recovery = 11.28%			
40) 2-Fluorobiphenyl	6.78	172	44766	15.02	ng	-0.10
Spiked Amount 100.000			Recovery = 15.02%			
62) 2,4,6-Tribromophenol	8.24	332	15750	29.54	ng	-0.12
Spiked Amount 200.000			Recovery = 14.77%			
75) Terphenyl-d14	10.91	244	23553	13.72	ng	-0.12
Spiked Amount 100.000			Recovery = 13.72%			
Target Compounds						Qvalue
2) Pyridine	2.22	79	69141	31.44	ng	94
3) N-Nitrosodimethylamine	2.16	74	32792	24.64	ng	97
5) Aniline	4.59	93	76612	32.35	ng	50
6) bis(2-Chloroethyl)ether	4.65	93	47508	26.68	ng	87
8) Phenol	4.59	94	67318	28.53	ng	73
9) 2-Chlorophenol	4.68	128	47800	26.47	ng	62
10) 1,3-Dichlorobenzene	4.81	146	56256	29.02	ng	98
11) 1,4-Dichlorobenzene	4.87	146	57554	30.35	ng	98
12) 1,2-Dichlorobenzene	4.99	146	52817	28.40	ng	93
13) Benzyl alcohol	4.98	108	29482	26.20	ng	62
14) bis(2-chloroisopropyl)ethe	5.09	45	123007	28.15	ng	97
15) 2-Methylphenol	5.07	108	41464	27.53	ng	99
16) Hexachloroethane	5.25	117	27258	30.78	ng	95
17) N-Nitroso-di-n-propylamine	5.19	70	42395	27.31	ng	87
18) 3&4-Methylphenol	5.19	108	43395	27.93	ng	100
21) Nitrobenzene	5.31	77	57464	29.66	ng	95
22) Isophorone	5.50	82	93657	25.30	ng	91
23) 2-Nitrophenol	5.56	139	28397	28.33	ng	87
24) 2,4-Dimethylphenol	5.60	107	50739	27.40	ng	96

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 43
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.68	105	10799	33.58 ng	93
26)	bis(2-Chloroethoxy)methane	5.67	93	61305	27.72 ng	98
27)	2,4-Dichlorophenol	5.75	162	37619	24.74 ng	85
28)	1,2,4-Trichlorobenzene	5.81	180	45428	27.85 ng	94
29)	Naphthalene	5.88	128	116069	28.43 ng	99
30)	4-Chloroaniline	5.92	127	53225	33.53 ng	100
31)	Hexachlorobutadiene	5.97	225	28207	26.95 ng	94
32)	4-Chloro-3-methylphenol	6.32	107	38334	22.61 ng	81
33)	2-Methylnaphthalene	6.45	142	76269	26.70 ng	98
34)	Methylnaphthalene(Total)	6.45	142	76269	26.70 ng	98
36)	1,2,4,5-Tetrachlorobenzene	6.59	216	46080	30.34 ng	98
37)	Hexachlorocyclopentadiene	6.58	237	28507	26.69 ng	99
38)	2,4,6-Trichlorophenol	6.69	196	27713	25.33 ng	99
39)	2,4,5-Trichlorophenol	6.73	196	31892	28.46 ng	99
41)	2-Chloronaphthalene	6.89	162	72428	27.81 ng	94
42)	2-Nitroaniline	6.98	65	38457	24.94 ng	89
43)	1,4-Dimethylnaphthalene	7.19	156	48823	27.26 ng	85
44)	Dimethylnaphthalene(Total)	7.19	156	48823	27.26 ng	85
45)	Diphenyl Ether	6.97	170	63208	27.81 ng	79
46)	Acenaphthylene	7.28	152	109986	27.51 ng	99
47)	Dimethylphthalate	7.15	163	84762	25.79 ng	98
48)	2,6-Dinitrotoluene	7.22	165	20190	25.80 ng	79
49)	Acenaphthene	7.45	153	72500	27.67 ng	99
50)	3-Nitroaniline	7.38	138	19223	28.16 ng	95
51)	2,4-Dinitrophenol	7.49	184	5474	12.34 ng	67
52)	Dibenzofuran	7.62	168	93327	27.02 ng	92
53)	2,4-Dinitrotoluene	7.62	165	23441	22.91 ng	89
54)	4-Nitrophenol	7.55	65	14448	16.47 ng	94
55)	Fluorene	7.98	166	68272	26.88 ng	96
56)	4-Chlorophenyl-phenylether	7.99	204	39769	26.08 ng	99
57)	Diethylphthalate	7.88	149	92007	26.84 ng	99
58)	4-Nitroaniline	8.00	138	15267	17.37 ng	75
60)	4,6-Dinitro-2-methylphenol	8.04	198	10115	23.67 ng	100
61)	n-Nitrosodiphenylamine	8.11	169	49317	32.64 ng	97
63)	1,2-Diphenylhydrazine	8.16	77	85787	31.68 ng	98
64)	4-Bromophenyl-phenylether	8.52	248	24004	31.18 ng	87
65)	Hexachlorobenzene	8.58	284	32106	31.05 ng	87
66)	Pentachlorophenol	8.80	266	11593	20.58 ng	97
67)	Phenanthrene	9.04	178	83047	27.91 ng	100
68)	Anthracene	9.10	178	83573	27.66 ng	97
69)	Carbazole	9.29	167	66185	23.87 ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 48
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

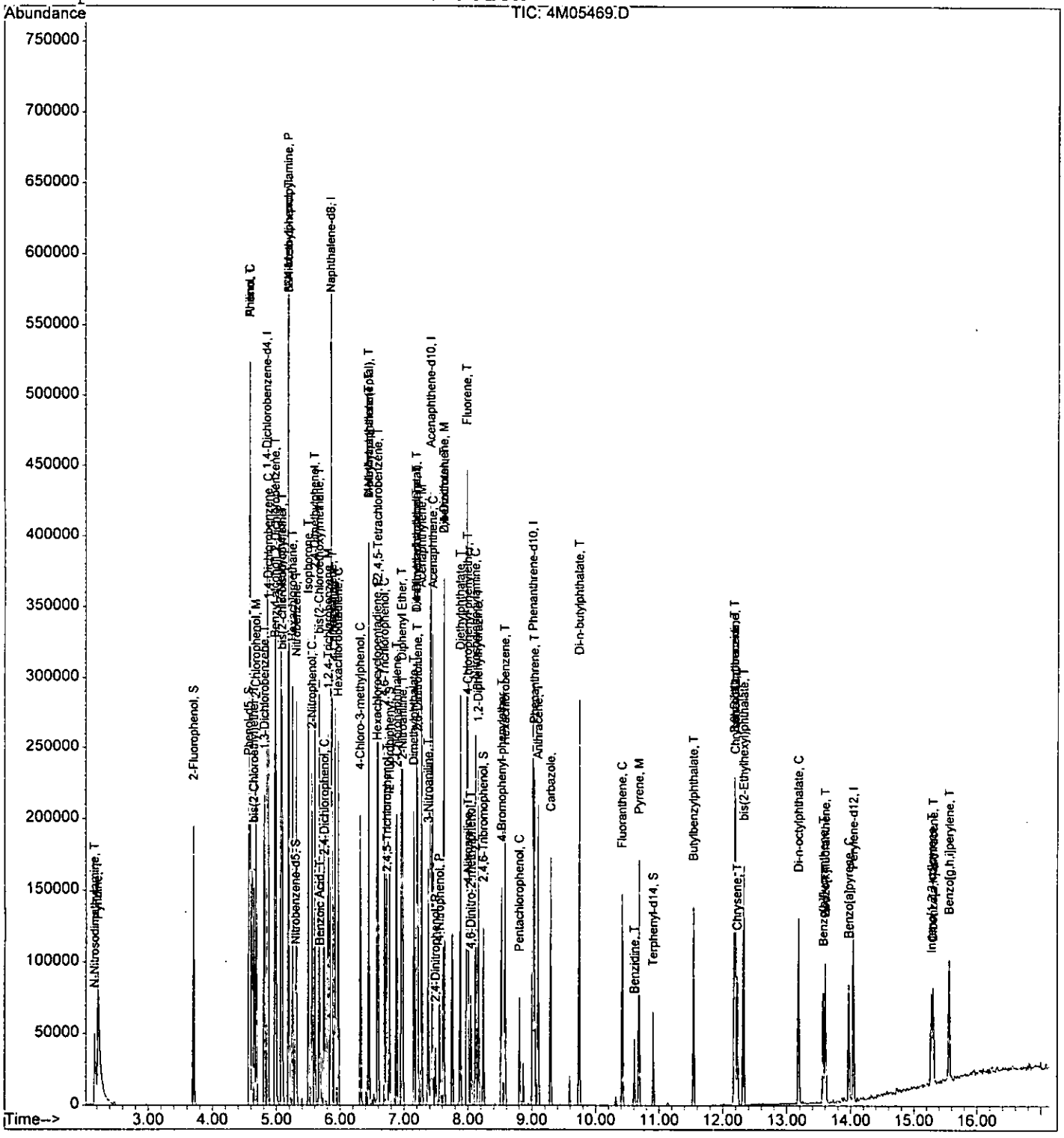
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.74	149	132961	32.79	ng	99
71)	Fluoranthene	10.42	202	69140	22.34	ng	96
73)	Pyrene	10.68	202	69960	29.85	ng	97
74)	Benzidine	10.61	184	21664	32.79	ng	98
76)	Butylbenzylphthalate	11.54	149	36876	32.27	ng	96
77)	3,3'-Dichlorobenzidine	12.18	252	18095	39.26	ng	96
78)	Benzo[a]anthracene	12.18	228	50921	26.62	ng	98
79)	Chrysene	12.23	228	45926	26.88	ng	97
80)	bis(2-Ethylhexyl)phthalate	12.33	149	54582	36.73	ng	92
82)	Di-n-octylphthalate	13.19	149	74113	27.01	ng	100
83)	Benzo[b]fluoranthene	13.57	252	44888	21.54	ng	93
84)	Benzo[k]fluoranthene	13.61	252	46536	25.79	ng	99
85)	Benzo[a]pyrene	13.97	252	40666	23.74	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.28	276	47399	30.51	ng	76
87)	Dibenzo[a,h]anthracene	15.30	278	37964	29.84	ng	99
88)	Benzo[g,h,i]perylene	15.56	276	40651	32.78	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05469.D Vial: 48
Acq On : 9 Aug 2005 13:04 Operator: AHD
Sample : CAL BNA@25PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:21 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5188
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	63891	40.00 ng	-0.08
19) Naphthalene-d8	5.86	136	191407	40.00 ng	-0.08
35) Acenaphthene-d10	7.42	164	96325	40.00 ng	-0.11
59) Phenanthrene-d10	9.01	188	129548	40.00 ng	-0.12
72) Chrysene-d12	12.20	240	63995	40.00 ng	-0.13
81) Perylene-d12	14.04	264	54570	40.00 ng	-0.14
System Monitoring Compounds					
4) 2-Fluorophenol	3.72	112	149827	83.14 ng	-0.08
Spiked Amount 200.000			Recovery = 41.57%		
7) Phenol-d5	4.58	99	188197	78.45 ng	-0.07
Spiked Amount 200.000			Recovery = 39.23%		
20) Nitrobenzene-d5	5.30	128	37865	39.52 ng	-0.08
Spiked Amount 100.000			Recovery = 39.52%		
40) 2-Fluorobiphenyl	6.77	172	134986	43.73 ng	-0.10
Spiked Amount 100.000			Recovery = 43.73%		
62) 2,4,6-Tribromophenol	8.24	332	54792	94.49 ng	-0.11
Spiked Amount 200.000			Recovery = 47.25%		
75) Terphenyl-d14	10.91	244	78065	43.30 ng	-0.11
Spiked Amount 100.000			Recovery = 43.30%		
Target Compounds					Qvalue
2) Pyridine	2.21	79	227846	94.15 ng	96
3) N-Nitrosodimethylamine	2.17	74	126379	86.30 ng	99
5) Aniline	4.59	93	202304	77.63 ng	36
6) bis(2-Chloroethyl)ether	4.67	93	149382	76.25 ng	82
8) Phenol	4.59	94	209274	80.62 ng	97
9) 2-Chlorophenol	4.69	128	153130	77.06 ng	69
10) 1,3-Dichlorobenzene	4.81	146	169061	79.27 ng	99
11) 1,4-Dichlorobenzene	4.88	146	167649	80.35 ng	97
12) 1,2-Dichlorobenzene	4.99	146	156528	76.49 ng	99
13) Benzyl alcohol	4.98	108	86126	69.55 ng	66
14) bis(2-chloroisopropyl)ethe	5.10	45	404190	84.05 ng	97
15) 2-Methylphenol	5.08	108	125970	76.01 ng	99
16) Hexachloroethane	5.26	117	83702	85.89 ng	67
17) N-Nitroso-di-n-propylamine	5.20	70	126526	74.06 ng	92
18) 3&4-Methylphenol	5.20	108	109490	64.04 ng	99
21) Nitrobenzene	5.32	77	182299	91.36 ng	94
22) Isophorone	5.50	82	303750	79.67 ng	92
23) 2-Nitrophenol	5.57	139	88430	85.66 ng	78
24) 2,4-Dimethylphenol	5.61	107	161690	84.79 ng	95

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.73	105	34392	103.86 ng	96
26) bis(2-Chloroethoxy)methane	5.68	93	193125	84.79 ng	98
27) 2,4-Dichlorophenol	5.75	162	127472	81.39 ng	96
28) 1,2,4-Trichlorobenzene	5.81	180	136861	81.48 ng	93
29) Naphthalene	5.87	128	343596	81.72 ng	99
30) 4-Chloroaniline	5.92	127	150599	92.12 ng	100
31) Hexachlorobutadiene	5.97	225	96865	89.88 ng	97
32) 4-Chloro-3-methylphenol	6.32	107	132759	76.03 ng	92
33) 2-Methylnaphthalene	6.46	142	240663	81.80 ng	97
34) Methylnaphthalene(Total)	6.46	142	240663	81.80 ng	97
36) 1,2,4,5-Tetrachlorobenzene	6.60	216	140205	89.16 ng	96
37) Hexachlorocyclopentadiene	6.59	237	111435	100.75 ng	97
38) 2,4,6-Trichlorophenol	6.70	196	100668	88.87 ng	99
39) 2,4,5-Trichlorophenol	6.73	196	93304	80.41 ng	97
41) 2-Chloronaphthalene	6.88	162	224168	83.11 ng	97
42) 2-Nitroaniline	6.99	65	130862	81.95 ng	84
43) 1,4-Dimethylnaphthalene	7.20	156	155549	83.86 ng	94
44) Dimethylnaphthalene(Total)	7.20	156	155549	83.86 ng	94
45) Diphenyl Ether	6.97	170	191706	81.46 ng	95
46) Acenaphthylene	7.28	152	370475	89.49 ng	99
47) Dimethylphthalate	7.16	163	276234	81.15 ng	99
48) 2,6-Dinitrotoluene	7.22	165	64001	78.98 ng	80
49) Acenaphthene	7.45	153	225150	82.97 ng	100
50) 3-Nitroaniline	7.39	138	57535	81.40 ng	97
51) 2,4-Dinitrophenol	7.50	184	33325	72.52 ng	96
52) Dibenzofuran	7.63	168	298169	83.36 ng	97
53) 2,4-Dinitrotoluene	7.63	165	79022	74.57 ng	97
54) 4-Nitrophenol	7.56	65	57468	63.28 ng	94
55) Fluorene	7.99	166	211423	80.38 ng	99
56) 4-Chlorophenyl-phenylether	7.99	204	115290	73.01 ng	82
57) Diethylphthalate	7.89	149	289563	81.58 ng	99
58) 4-Nitroaniline	8.02	138	52745	57.95 ng	89
60) 4,6-Dinitro-2-methylphenol	8.05	198	45578	98.05 ng	100
61) n-Nitrosodiphenylamine	8.12	169	159019	96.77 ng	99
63) 1,2-Diphenylhydrazine	8.16	77	313478	106.41 ng	91
64) 4-Bromophenyl-phenylether	8.52	248	80767	96.44 ng	92
65) Hexachlorobenzene	8.58	284	109414	97.27 ng	98
66) Pentachlorophenol	8.81	266	51106	83.39 ng	98
67) Phenanthrene	9.04	178	270831	83.69 ng	99
68) Anthracene	9.10	178	269109	81.90 ng	99
69) Carbazole	9.30	167	220037	72.96 ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 55
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

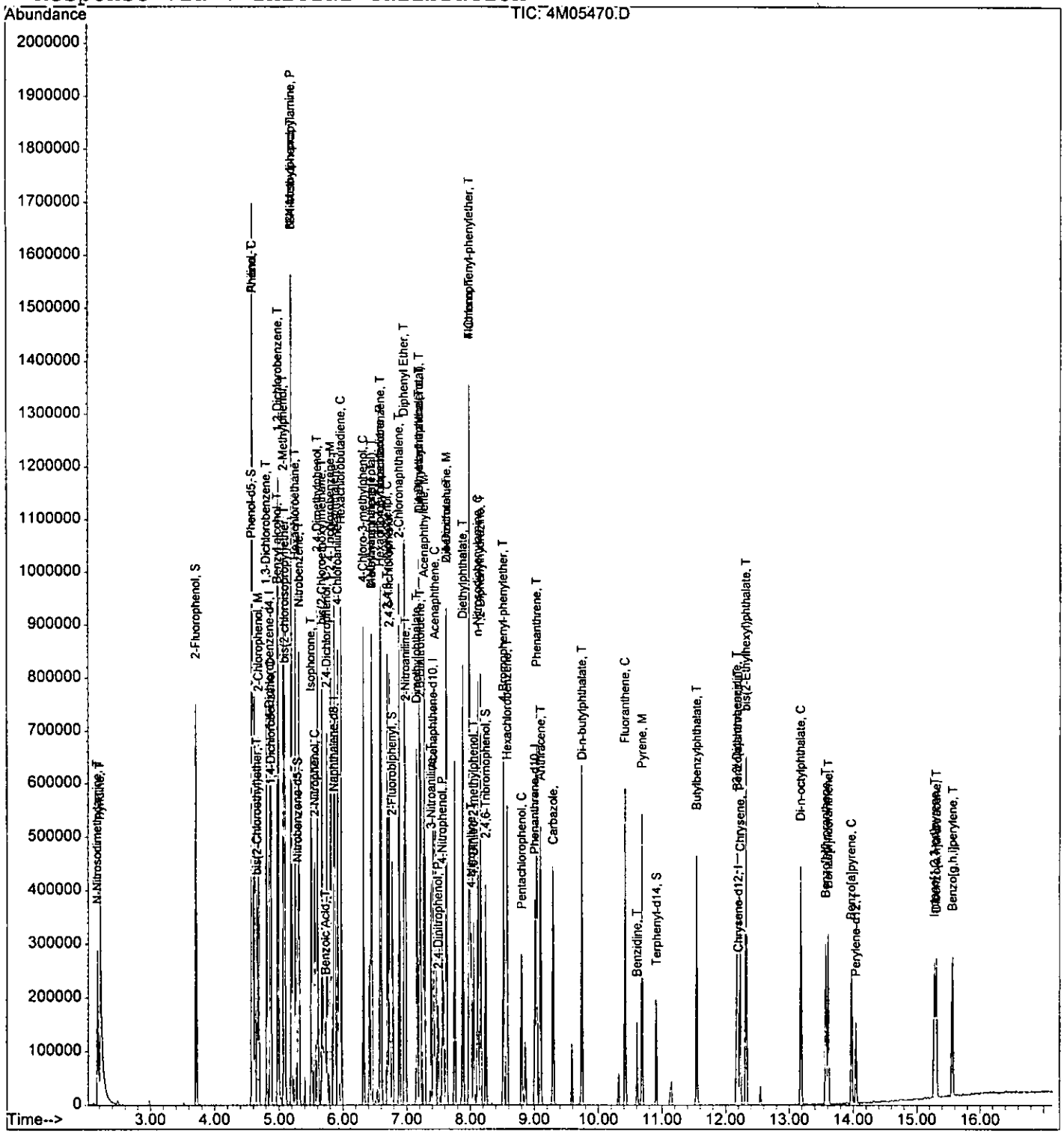
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	419192	95.04	ng	99
71)	Fluoranthene	10.42	202	220577	65.53	ng	97
73)	Pyrene	10.69	202	225642	91.67	ng	87
74)	Benzidine	10.61	184	55788	80.41	ng	94
76)	Butylbenzylphthalate	11.55	149	125766	104.81	ng	86
77)	3,3'-Dichlorobenzidine	12.18	252	50202	103.72	ng	99
78)	Benzo[a]anthracene	12.19	228	168205	83.74	ng	98
79)	Chrysene	12.23	228	146280	81.53	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.32	149	183981	117.88	ng	97
82)	Di-n-octylphthalate	13.18	149	246925	82.60	ng	100
83)	Benzo[b]fluoranthene	13.57	252	155855	68.66	ng	98
84)	Benzo[k]fluoranthene	13.61	252	144011	73.25	ng	99
85)	Benzo[a]pyrene	13.97	252	141601	75.89	ng	99
86)	Indeno[1,2,3-cd]pyrene	15.28	276	155199	91.69	ng	88
87)	Dibenzo[a,h]anthracene	15.31	278	125677	90.67	ng	97
88)	Benzo[g,h,i]perylene	15.57	276	134612	99.64	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05470.D Vial: 5
Acq On : 9 Aug 2005 13:28 Operator: AHD
Sample : CAL BNA@80PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 13:45 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 28
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	69975	40.00	ng	-0.08
19) Naphthalene-d8	5.86	136	204062	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	102735	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	134649	40.00	ng	-0.12
72) Chrysene-d12	12.20	240	70467	40.00	ng	-0.13
81) Perylene-d12	14.04	264	57724	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.72	112	224196	113.59	ng	-0.08
Spiked Amount 200.000			Recovery = 56.80%			
7) Phenol-d5	4.58	99	263175	100.16	ng	-0.07
Spiked Amount 200.000			Recovery = 50.08%			
20) Nitrobenzene-d5	5.30	128	59289	58.04	ng	-0.08
Spiked Amount 100.000			Recovery = 58.04%			
40) 2-Fluorobiphenyl	6.78	172	209271	63.57	ng	-0.09
Spiked Amount 100.000			Recovery = 63.57%			
62) 2,4,6-Tribromophenol	8.25	332	81107	134.58	ng	-0.11
Spiked Amount 200.000			Recovery = 67.29%			
75) Terphenyl-d14	10.91	244	122594	61.75	ng	-0.11
Spiked Amount 100.000			Recovery = 61.75%			
Target Compounds						Qvalue
2) Pyridine	2.21	79	364618	137.57	ng	94
3) N-Nitrosodimethylamine	2.18	74	217206	135.43	ng	96
5) Aniline	4.59	93	294660	103.24	ng	47
6) bis(2-Chloroethyl)ether	4.67	93	251875	117.39	ng	92
8) Phenol	4.59	94	270271	95.06	ng	83
9) 2-Chlorophenol	4.70	128	233826	107.43	ng	95
10) 1,3-Dichlorobenzene	4.81	146	237169	101.53	ng	99
11) 1,4-Dichlorobenzene	4.87	146	244237	106.88	ng	98
12) 1,2-Dichlorobenzene	4.99	146	208179	92.89	ng	98
13) Benzyl alcohol	4.98	108	136166	100.40	ng	69
14) bis(2-chloroisopropyl)ethe	5.10	45	594549	112.89	ng	96
15) 2-Methylphenol	5.08	108	166398	91.68	ng	100
16) Hexachloroethane	5.26	117	119878	112.32	ng	58
17) N-Nitroso-di-n-propylamine	5.20	70	199105	106.42	ng	94
18) 3&4-Methylphenol	5.21	108	191077	102.04	ng	100
21) Nitrobenzene	5.32	77	254420	119.60	ng	90
22) Isophorone	5.52	82	485294	119.40	ng	98
23) 2-Nitrophenol	5.57	139	142444	129.43	ng	86
24) 2,4-Dimethylphenol	5.61	107	215834	106.17	ng	93

(#) = qualifier out of range (m) = manual integration

2818

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 28
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25) Benzoic Acid	5.75	105	45944	130.14	ng	96
26) bis(2-Chloroethoxy)methane	5.68	93	260675	107.35	ng	100
27) 2,4-Dichlorophenol	5.76	162	191482	114.68	ng	89
28) 1,2,4-Trichlorobenzene	5.81	180	215065	120.10	ng	96
29) Naphthalene	5.88	128	527298	117.63	ng	99
30) 4-Chloroaniline	5.92	127	196505	112.75	ng	100
31) Hexachlorobutadiene	5.98	225	143372	124.78	ng	98
32) 4-Chloro-3-methylphenol	6.32	107	194269	104.35	ng	89
33) 2-Methylnaphthalene	6.46	142	358274	114.22	ng	99
34) Methylnaphthalene(Total)	6.46	142	358274	114.22	ng	99
36) 1,2,4,5-Tetrachlorobenzene	6.60	216	195681	116.67	ng	97
37) Hexachlorocyclopentadiene	6.59	237	176613	149.71	ng	97
38) 2,4,6-Trichlorophenol	6.70	196	150709	124.74	ng	100
39) 2,4,5-Trichlorophenol	6.73	196	137257	110.90	ng	96
41) 2-Chloronaphthalene	6.89	162	338610	117.70	ng	97
42) 2-Nitroaniline	6.99	65	178913	105.05	ng	96
43) 1,4-Dimethylnaphthalene	7.20	156	221507	111.96	ng	90
44) Dimethylnaphthalene(Total)	7.20	156	221507	111.96	ng	90
45) Diphenyl Ether	6.97	170	284997	113.54	ng	99
46) Acenaphthylene	7.28	152	502927	113.90	ng	97
47) Dimethylphthalate	7.17	163	434216	119.61	ng	100
48) 2,6-Dinitrotoluene	7.23	165	104375	120.76	ng	89
49) Acenaphthene	7.46	153	331041	114.39	ng	97
50) 3-Nitroaniline	7.39	138	67740	89.86	ng	93
51) 2,4-Dinitrophenol	7.50	184	56648	115.58	ng	91
52) Dibenzofuran	7.63	168	392722	102.95	ng	91
53) 2,4-Dinitrotoluene	7.63	165	113398	100.33	ng	76
54) 4-Nitrophenol	7.56	65	90417	93.35	ng	97
55) Fluorene	7.99	166	293022	104.45	ng	99
56) 4-Chlorophenyl-phenylether	8.00	204	166663	98.96	ng	95
57) Diethylphthalate	7.89	149	408995	108.04	ng	98
58) 4-Nitroaniline	8.02	138	79792	82.20	ng	81
60) 4,6-Dinitro-2-methylphenol	8.06	198	72232	149.51	ng	100
61) n-Nitrosodiphenylamine	8.12	169	239634	140.31	ng	100
63) 1,2-Diphenylhydrazine	8.16	77	437627	142.93	ng	93
64) 4-Bromophenyl-phenylether	8.53	248	127798	146.82	ng	84
65) Hexachlorobenzene	8.58	284	161828	138.42	ng	91
66) Pentachlorophenol	8.81	266	84159	132.13	ng	97
67) Phenanthrene	9.04	178	387516	115.21	ng	99
68) Anthracene	9.10	178	393105	115.10	ng	99
69) Carbazole	9.30	167	327329	104.43	ng	99

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 22
Acq On : 9 Aug 2005 13:52 Operator: AHL
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

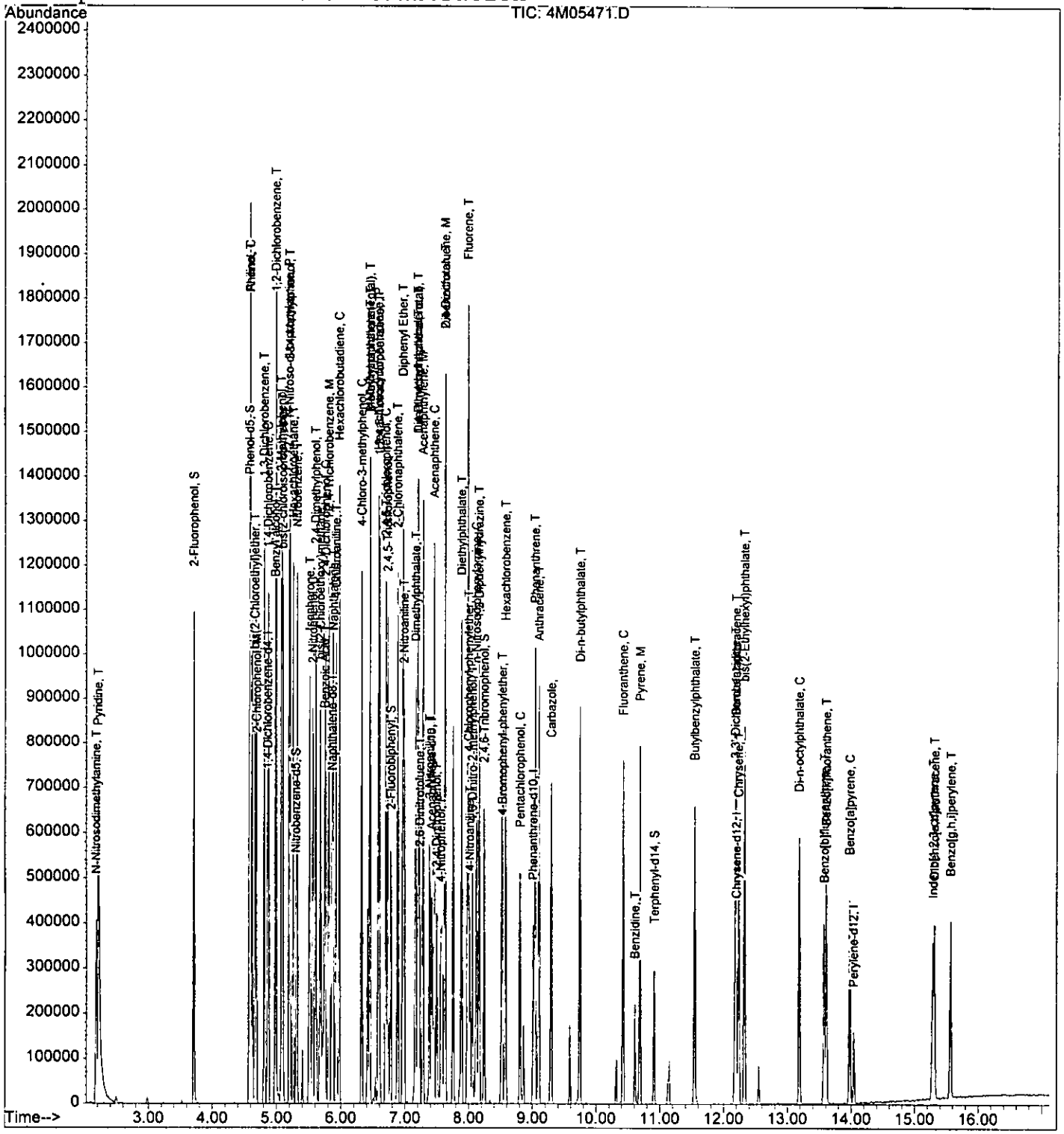
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	591601	129.05	ng	99
71)	Fluoranthene	10.42	202	333332	95.27	ng	98
73)	Pyrene	10.69	202	324685	119.80	ng	92
74)	Benzidine	10.61	184	82958	108.59	ng	95
76)	Butylbenzylphthalate	11.55	149	182092	137.82	ng	89
77)	3,3'-Dichlorobenzidine	12.18	252	75555	141.77	ng	98
78)	Benzo[a]anthracene	12.19	228	268999	121.62	ng	99
79)	Chrysene	12.23	228	236801	119.86	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.32	149	259123	150.78	ng	95
82)	Di-n-octylphthalate	13.18	149	373489	118.12	ng	99
83)	Benzo[b]fluoranthene	13.58	252	252856	105.30	ng	94
84)	Benzo[k]fluoranthene	13.61	252	233490	112.28	ng	97
85)	Benzo[a]pyrene	13.98	252	226820	114.91	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.29	276	257172	143.64	ng	78
87)	Dibenzo[a,h]anthracene	15.31	278	209635	142.98	ng	99
88)	Benzo[g,h,i]perylene	15.57	276	218635	152.99	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05471.D Vial: 8
Acq On : 9 Aug 2005 13:52 Operator: AHD
Sample : CAL BNA@120PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:09 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 28
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	64865	40.00	ng	-0.08
19) Naphthalene-d8	5.87	136	188371	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	102778	40.00	ng	-0.11
59) Phenanthrene-d10	9.01	188	139990	40.00	ng	-0.12
72) Chrysene-d12	12.20	240	82110	40.00	ng	-0.13
81) Perylene-d12	14.05	264	62808	40.00	ng	-0.14
System Monitoring Compounds						
4) 2-Fluorophenol	3.72	112	274150	149.84	ng	-0.08
Spiked Amount 200.000			Recovery = 74.92%			
7) Phenol-d5	4.59	99	321942	132.18	ng	-0.07
Spiked Amount 200.000			Recovery = 66.09%			
20) Nitrobenzene-d5	5.30	128	72958	77.37	ng	-0.08
Spiked Amount 100.000			Recovery = 77.37%			
40) 2-Fluorobiphenyl	6.79	172	255294	77.52	ng	-0.09
Spiked Amount 100.000			Recovery = 77.52%			
62) 2,4,6-Tribromophenol	8.25	332	102825	164.10	ng	-0.11
Spiked Amount 200.000			Recovery = 82.05%			
75) Terphenyl-d14	10.91	244	172381	74.52	ng	-0.12
Spiked Amount 100.000			Recovery = 74.52%			
Target Compounds						Qvalue
2) Pyridine	2.23	79	400319	162.94	ng	97
3) N-Nitrosodimethylamine	2.20	74	259207	174.35	ng	95
5) Aniline	4.60	93	347972	131.53	ng	40
6) bis(2-Chloroethyl)ether	4.67	93	300662	151.17	ng	94
8) Phenol	4.61	94	336727	127.76	ng	90
9) 2-Chlorophenol	4.69	128	274121	135.87	ng	75
10) 1,3-Dichlorobenzene	4.81	146	291245	134.51	ng	98
11) 1,4-Dichlorobenzene	4.87	146	294253	138.91	ng	98
12) 1,2-Dichlorobenzene	5.00	146	250039	120.36	ng	98
13) Benzyl alcohol	5.00	108	161902	128.78	ng	75
14) bis(2-chloroisopropyl)ethe	5.09	45	705162	144.44	ng	98
15) 2-Methylphenol	5.08	108	201311	119.65	ng	98
16) Hexachloroethane	5.26	117	145697	147.27	ng	55
17) N-Nitroso-di-n-propylamine	5.21	70	239604	138.15	ng	90
18) 3&4-Methylphenol	5.21	108	227399	131.01	ng	100
21) Nitrobenzene	5.32	77	301750	153.67	ng	89
22) Isophorone	5.52	82	607868	162.01	ng	99
23) 2-Nitrophenol	5.57	139	187044	184.11	ng	83
24) 2,4-Dimethylphenol	5.61	107	271075	144.45	ng	91

(#) = qualifier out of range (m) = manual integration

1887

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 7
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.75	105	50064	153.62 ng	99
26)	bis(2-Chloroethoxy)methane	5.68	93	315957	140.95 ng	99
27)	2,4-Dichlorophenol	5.76	162	227435	147.56 ng	92
28)	1,2,4-Trichlorobenzene	5.81	180	247688	149.84 ng	94
29)	Naphthalene	5.88	128	632230	152.79 ng	99
30)	4-Chloroaniline	5.93	127	222862	138.53 ng	99
31)	Hexachlorobutadiene	5.98	225	173935	163.99 ng	98
32)	4-Chloro-3-methylphenol	6.33	107	237662	138.30 ng	88
33)	2-Methylnaphthalene	6.46	142	422520	145.92 ng	99
34)	Methylnaphthalene(Total)	6.46	142	422520	145.92 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.60	216	239166	142.54 ng	98
37)	Hexachlorocyclopentadiene	6.59	237	206766	175.20 ng	99
38)	2,4,6-Trichlorophenol	6.70	196	195226	161.52 ng	99
39)	2,4,5-Trichlorophenol	6.73	196	160366	129.52 ng	97
41)	2-Chloronaphthalene	6.89	162	397792	138.21 ng	96
42)	2-Nitroaniline	6.99	65	216142	126.85 ng	97
43)	1,4-Dimethylnaphthalene	7.21	156	265194	133.99 ng	92
44)	Dimethylnaphthalene(Total)	7.21	156	265194	133.99 ng	92
45)	Diphenyl Ether	6.97	170	329014	131.03 ng	95
46)	Acenaphthylene	7.29	152	601938	136.27 ng	98
47)	Dimethylphthalate	7.17	163	520385	143.28 ng	99
48)	2,6-Dinitrotoluene	7.24	165	134852	155.96 ng	95
49)	Acenaphthene	7.46	153	410460	141.77 ng	100
50)	3-Nitroaniline	7.39	138	80892	107.26 ng	88
51)	2,4-Dinitrophenol	7.50	184	73623	150.15 ng	85
52)	Dibenzofuran	7.63	168	489690	128.31 ng	89
53)	2,4-Dinitrotoluene	7.63	165	136086	120.35 ng	69
54)	4-Nitrophenol	7.57	65	127534	131.62 ng	93
55)	Fluorene	7.99	166	345128	122.97 ng	99
56)	4-Chlorophenyl-phenylether	8.00	204	203935	121.04 ng	94
57)	Diethylphthalate	7.89	149	509931	134.65 ng	98
58)	4-Nitroaniline	8.03	138	102587	105.64 ng	81
60)	4,6-Dinitro-2-methylphenol	8.06	198	88066	175.33 ng	100
61)	n-Nitrosodiphenylamine	8.14	169	303475	170.91 ng	97
63)	1,2-Diphenylhydrazine	8.17	77	544862	171.16 ng	93
64)	4-Bromophenyl-phenylether	8.53	248	158014	174.61 ng	83
65)	Hexachlorobenzene	8.59	284	200652	165.08 ng	93
66)	Pentachlorophenol	8.81	266	113798	171.84 ng	97
67)	Phenanthrene	9.05	178	501853	143.52 ng	100
68)	Anthracene	9.11	178	513058	144.50 ng	99
69)	Carbazole	9.30	167	451008	138.39 ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 70
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

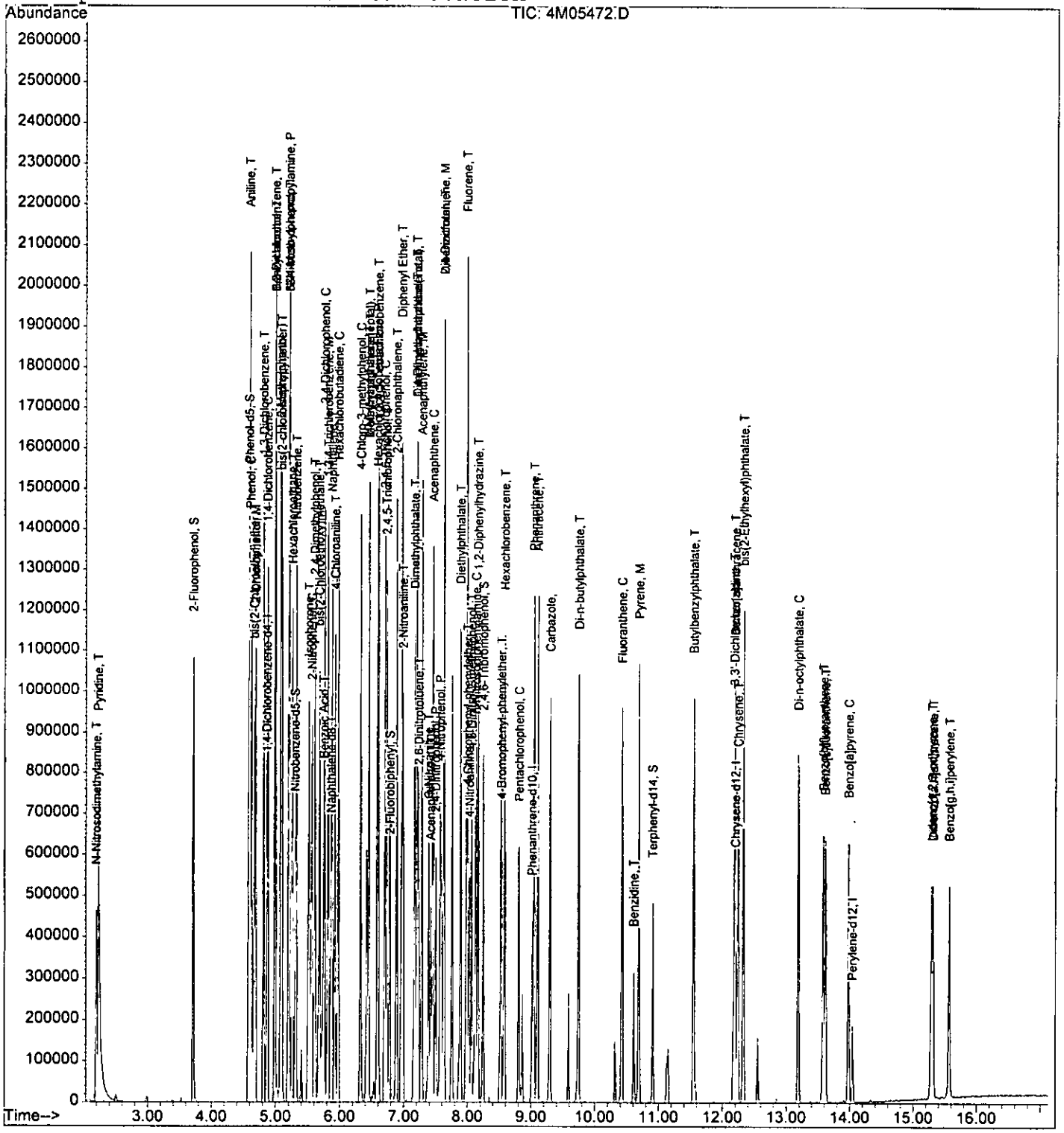
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	772940	162.17	ng	99
71)	Fluoranthene	10.43	202	463983	127.56	ng	99
73)	Pyrene	10.69	202	448334	141.96	ng	94
74)	Benzidine	10.61	184	121945	136.99	ng	97
76)	Butylbenzylphthalate	11.55	149	259226	168.38	ng	89
77)	3,3'-Dichlorobenzidine	12.18	252	106291	171.16	ng	98
78)	Benzo[a]anthracene	12.19	228	381804	148.15	ng	100
79)	Chrysene	12.25	228	351379	152.63	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.33	149	361599	180.58	ng	97
82)	Di-n-octylphthalate	13.19	149	540523	157.11	ng	99
83)	Benzo[b]fluoranthene	13.59	252	361376	138.31	ng	95
84)	Benzo[k]fluoranthene	13.62	252	353798	156.36	ng	97
85)	Benzo[a]pyrene	13.98	252	320644	149.30	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.29	276	356014	182.75	ng	79
87)	Dibenzo[a,h]anthracene	15.31	278	285821	179.16	ng	99
88)	Benzo[g,h,i]perylene	15.57	276	292443	188.07	ng	95

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05472.D Vial: 7
Acq On : 9 Aug 2005 14:16 Operator: AHD
Sample : CAL BNA@160PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:33 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	61752	40.00	ng	-0.07
19) Naphthalene-d8	5.86	136	196967	40.00	ng	-0.08
35) Acenaphthene-d10	7.42	164	108306	40.00	ng	-0.10
59) Phenanthrene-d10	9.02	188	172040	40.00	ng	-0.11
72) Chrysene-d12	12.21	240	106702	40.00	ng	-0.12
81) Perylene-d12	14.05	264	91205	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.71	112	291975	167.62	ng	-0.08
Spiked Amount 200.000			Recovery = 83.81%			
7) Phenol-d5	4.59	99	387571	167.14	ng	-0.06
Spiked Amount 200.000			Recovery = 83.57%			
20) Nitrobenzene-d5	5.31	128	93133	94.45	ng	-0.07
Spiked Amount 100.000			Recovery = 94.45%			
40) 2-Fluorobiphenyl	6.78	172	304133	87.63	ng	-0.09
Spiked Amount 100.000			Recovery = 87.63%			
62) 2,4,6-Tribromophenol	8.25	332	148450	192.78	ng	-0.10
Spiked Amount 200.000			Recovery = 96.39%			
75) Terphenyl-d14	10.91	244	282268	93.90	ng	-0.11
Spiked Amount 100.000			Recovery = 93.90%			
Target Compounds						Qvalue
2) Pyridine	2.23	79	500477	213.97	ng	95
3) N-Nitrosodimethylamine	2.21	74	290909	205.54	ng	97
5) Aniline	4.60	93	417261	165.67	ng	41
6) bis(2-Chloroethyl)ether	4.67	93	352805	186.33	ng	93
8) Phenol	4.61	94	403492	160.82	ng	80
9) 2-Chlorophenol	4.69	128	316097	164.57	ng	77
10) 1,3-Dichlorobenzene	4.82	146	371920	180.43	ng	99
11) 1,4-Dichlorobenzene	4.88	146	345287	171.22	ng	98
12) 1,2-Dichlorobenzene	5.00	146	311389	157.44	ng	99
13) Benzyl alcohol	5.00	108	198170	165.58	ng	75
14) bis(2-chloroisopropyl)ethe	5.09	45	801873	172.52	ng	98
15) 2-Methylphenol	5.08	108	248513	155.15	ng	98
16) Hexachloroethane	5.26	117	160652	170.57	ng	95
17) N-Nitroso-di-n-propylamine	5.21	70	284815	172.50	ng	94
18) 3&4-Methylphenol	5.22	108	280273	169.61	ng	99
21) Nitrobenzene	5.33	77	392113	190.97	ng	92
22) Isophorone	5.52	82	747621	190.56	ng	99
23) 2-Nitrophenol	5.56	139	206064	193.98	ng	92
24) 2,4-Dimethylphenol	5.61	107	321905	164.05	ng	95

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	Benzoic Acid	5.78	105	68176	200.06 ng	98
26)	bis(2-Chloroethoxy)methane	5.69	93	398877	170.17 ng	100
27)	2,4-Dichlorophenol	5.77	162	282520	175.30 ng	90
28)	1,2,4-Trichlorobenzene	5.82	180	301214	174.27 ng	97
29)	Naphthalene	5.88	128	671097	155.10 ng	98
30)	4-Chloroaniline	5.93	127	258254	153.52 ng	98
31)	Hexachlorobutadiene	5.97	225	202781	182.84 ng	97
32)	4-Chloro-3-methylphenol	6.33	107	318015	176.98 ng	93
33)	2-Methylnaphthalene	6.45	142	498072	164.51 ng	100
34)	Methylnaphthalene(Total)	6.45	142	498072	164.51 ng	100
36)	1,2,4,5-Tetrachlorobenzene	6.61	216	306702	173.46 ng	98
37)	Hexachlorocyclopentadiene	6.59	237	259564	208.71 ng	97
38)	2,4,6-Trichlorophenol	6.71	196	239499	188.04 ng	98
39)	2,4,5-Trichlorophenol	6.74	196	206521	158.28 ng	96
41)	2-Chloronaphthalene	6.89	162	485021	159.92 ng	96
42)	2-Nitroaniline	7.00	65	292017	162.64 ng	93
43)	1,4-Dimethylnaphthalene	7.21	156	329532	158.00 ng	94
44)	Dimethylnaphthalene(Total)	7.21	156	329532	158.00 ng	94
45)	Diphenyl Ether	6.97	170	402809	152.23 ng	91
46)	Acenaphthylene	7.29	152	775622	166.63 ng	98
47)	Dimethylphthalate	7.18	163	666597	174.17 ng	100
48)	2,6-Dinitrotoluene	7.24	165	175338	192.43 ng	99
49)	Acenaphthene	7.47	153	522277	171.18 ng	98
50)	3-Nitroaniline	7.39	138	107608	135.40 ng	94
51)	2,4-Dinitrophenol	7.51	184	108620	210.22 ng	83
52)	Dibenzofuran	7.64	168	625581	155.55 ng	91
53)	2,4-Dinitrotoluene	7.65	165	194142	162.93 ng	56
54)	4-Nitrophenol	7.58	65	162292	158.94 ng	98
55)	Fluorene	8.00	166	438422	148.24 ng	98
56)	4-Chlorophenyl-phenylether	8.00	204	240961	135.72 ng	85
57)	Diethylphthalate	7.89	149	664828	166.59 ng	99
58)	4-Nitroaniline	8.05	138	162628	158.92 ng	82
60)	4,6-Dinitro-2-methylphenol	8.08	198	145330	235.43 ng	100
61)	n-Nitrosodiphenylamine	8.14	169	404242	185.24 ng	98
63)	1,2-Diphenylhydrazine	8.17	77	701130	179.22 ng	93
64)	4-Bromophenyl-phenylether	8.54	248	214572	192.93 ng	80
65)	Hexachlorobenzene	8.59	284	272868	182.67 ng	91
66)	Pentachlorophenol	8.82	266	174348	214.23 ng	98
67)	Phenanthrene	9.05	178	717280	166.91 ng	99
68)	Anthracene	9.11	178	660727	151.42 ng	100
69)	Carbazole	9.31	167	679519	169.67 ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

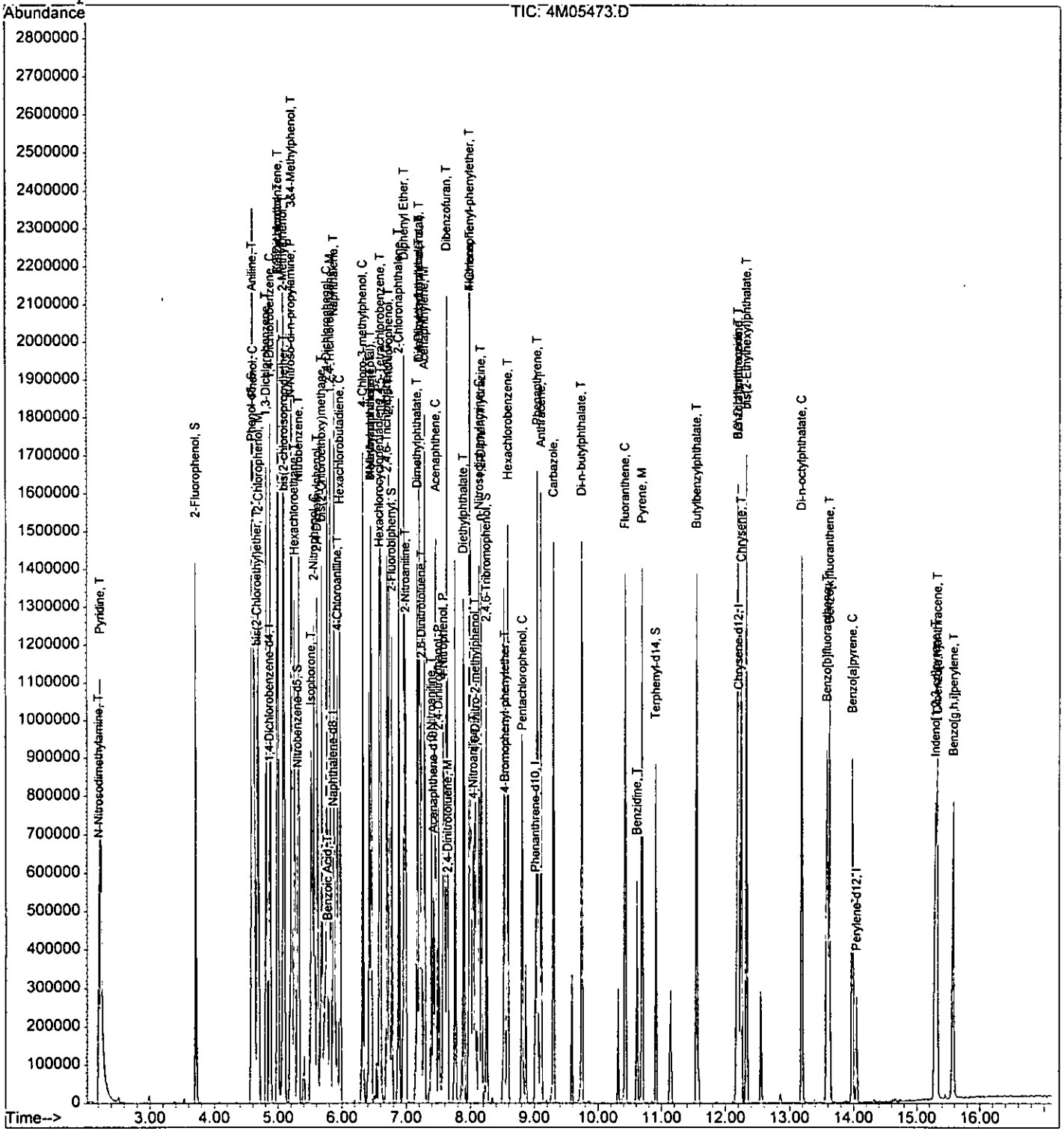
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Di-n-butylphthalate	9.75	149	1048869	179.07 ng	99
71)	Fluoranthene	10.43	202	756215	169.17 ng	95
73)	Pyrene	10.70	202	746019	181.78 ng	93
74)	Benzidine	10.61	184	206522	178.54 ng	100
76)	Butylbenzylphthalate	11.56	149	386519	193.20 ng	91
77)	3,3'-Dichlorobenzidine	12.20	252	177187	219.56 ng	97
78)	Benzo[a]anthracene	12.20	228	643824	192.24 ng	99
79)	Chrysene	12.25	228	571105	190.90 ng	99
80)	bis(2-Ethylhexyl)phthalate	12.33	149	523585	201.21 ng	92
82)	Di-n-octylphthalate	13.19	149	884401	177.02 ng	99
83)	Benzo[b]fluoranthene	13.59	252	682733	179.95 ng	96
84)	Benzo[k]fluoranthene	13.63	252	510935	155.50 ng	98
85)	Benzo[a]pyrene	13.99	252	576831	184.96 ng	98
86)	Indeno[1,2,3-cd]pyrene	15.30	276	614839	217.34 ng	85
87)	Dibenzo[a,h]anthracene	15.33	278	476653	205.76 ng	93
88)	Benzo[g,h,i]perylene	15.58	276	494292	218.90 ng	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05473.D Vial: 8
Acq On : 9 Aug 2005 14:40 Operator: AHD
Sample : CAL BNA@200PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 14:57 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09827.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/8/05 6:40:00 AM **Method:** 8270

8832

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.10	40.00	40				0.000	0.00	
Pyridine	1	0		1.95	48.27	50			1.668	1.610	3.46	
N-Nitrosodimethylamine	1	0		1.91	45.61	50			1.014	0.925	8.78	
2-Fluorophenol	1	0	S	3.77	49.47	50			1.347	1.333	1.06	
Aniline	1	0		4.80	47.59	50			2.261	2.152	4.82	
Pentachloroethane	1	0		4.83	51.74	50			0.493	0.510	3.48	
bis(2-Chloroethyl)ether	1	0		4.88	49.18	50			1.415	1.392	1.64	
Phenol-d5	1	0	S	4.80	42.72	50			1.970	1.683	14.56	
Phenol	1	0	CC	4.81	47.44	50	20		2.088	1.981	5.12	
2-Chlorophenol	1	0		4.90	46.70	50			1.585	1.480	6.60	
1,3-Dichlorobenzene	1	0		5.04	51.34	50			1.466	1.506	2.68	
1,4-Dichlorobenzene	1	0	CC	5.11	50.07	50	20		1.501	1.503	0.14	
1,2-Dichlorobenzene	1	0		5.23	49.50	50			1.431	1.416	1.00	
Benzyl alcohol	1	0		5.23	48.01	50			1.047	1.005	3.98	
bis(2-chloroisopropyl)ether	1	0		5.35	51.80	50			2.150	2.227	3.60	
2-Methylphenol	1	0		5.34	47.18	50			1.447	1.366	5.64	
Hexachloroethane	1	0		5.52	50.23	50			0.622	0.625	0.46	
N-Nitroso-di-n-propylamine	1	0	CP	5.46	48.28	50	0.05		1.141	1.102	3.44	
3&4-Methylphenol	1	0		5.47	44.85	50			1.538	1.380	10.30	
Naphthalene-d8	1	0	I	6.13	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.57	24.98	25			0.175	0.175	0.08	
Nitrobenzene	1	0		5.58	50.87	50			0.393	0.400	1.74	
Isophorone	1	0		5.78	48.68	50			0.731	0.712	2.64	
2-Nitrophenol	1	0	CC	5.84	50.71	50	20		0.202	0.204	1.42	
2,4-Dimethylphenol	1	0		5.89	46.70	50			0.383	0.358	6.60	
Benzoic Acid	1	0		5.99	36.52	50			0.220	0.161	26.96	
bis(2-Chloroethoxy)methane	1	0		5.96	53.36	50			0.418	0.447	6.72	
2,4-Dichlorophenol	1	0	CC	6.03	46.99	50	20		0.320	0.300	6.02	
1,2,4-Trichlorobenzene	1	0		6.09	49.66	50			0.328	0.326	0.68	
Naphthalene	1	0		6.15	48.69	50			1.048	1.021	2.62	
4-Chloroaniline	1	0		6.20	51.06	50			0.409	0.418	2.12	
Hexachlorobutadiene	1	0	CC	6.24	51.47	50	20		0.181	0.186	2.94	
4-Chloro-3-methylphenol	1	0	CC	6.56	43.88	50	20		0.353	0.310	12.24	
2-Methylnaphthalene	1	0		6.67	47.15	50			0.724	0.683	5.70	
Methylnaphthalenes	1	0		6.67	47.15							
Acenaphthene-d10	1	0	I	7.47	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.79	49.75	50			0.540	0.537	0.50	
Hexachlorocyclopentadiene	1	0	CP	6.78	55.88	50	0.05		0.333	0.372	11.76	
2,4,6-Trichlorophenol	1	0	CC	6.87	48.23	50	20		0.389	0.376	3.54	
2,4,5-Trichlorophenol	1	0		6.90	46.34	50			0.423	0.392	7.32	
2-Fluorobiphenyl	1	0	S	6.94	25.37	25			1.250	1.269	1.48	
2-Chloronaphthalene	1	0		7.03	50.71	50			1.131	1.147	1.42	
1,4-Dimethylnaphthalene	1	0		7.29	48.87	50			0.860	0.841	2.26	
Dimethylnaphthalenes	1	0		7.29	48.87							
Diphenyl Ether	1	0		7.10	65.92	50			0.747	0.985	31.84	
2-Nitroaniline	1	0		7.11	55.08	50			0.431	0.474	10.16	
Acenaphthylene	1	0		7.35	47.10	50			1.786	1.682	5.80	
Dimethylphthalate	1	0		7.26	48.28	50			1.305	1.260	3.44	
2,6-Dinitrotoluene	1	0		7.30	48.57	50			0.301	0.292	2.86	
Acenaphthene	1	0	CC	7.49	50.84	50	20		1.105	1.123	1.68	
3-Nitroaniline	1	0		7.44	49.97	50			0.328	0.328	0.06	
2,4-Dinitrophenol	1	0	CP	7.52	47.10	50	0.05		0.185	0.174	5.80	
Dibenzofuran	1	0		7.64	48.65	50			1.608	1.565	2.70	
2,4-Dinitrotoluene	1	0		7.63	46.10	50			0.415	0.383	7.80	
4-Nitrophenol	1	0	CP	7.57	49.64	50	0.05		0.261	0.259	0.72	
2,3,4,6-Tetrachlorophenol	1	0		7.75	46.00	50			0.332	0.306	8.00	
Fluorene	1	0		7.94	47.54	50			1.296	1.232	4.92	
4-Chlorophenyl-phenylether	1	0		7.94	47.73	50			0.630	0.601	4.54	
Diethylphthalate	1	0		7.85	47.87	50			1.338	1.281	4.26	
4-Nitroaniline	1	0		7.96	44.90	50			0.381	0.342	10.20	
Phenanthrene-d10	1	0	I	8.83	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.99	48.78	50			0.154	0.150	2.44	
n-Nitrosodiphenylamine	1	0	CC	8.05	48.93	50	20		0.551	0.540	2.14	
2,4,6-Tribromophenol	1	0	S	8.16	48.36	50			0.086	0.083	3.28	
1,2-Diphenylhydrazine	1	0		8.08	54.78	50			0.787	0.862	9.56	
4-Bromophenyl-phenylether	1	0		8.40	47.23	50			0.205	0.194	5.54	
Hexachlorobenzene	1	0		8.45	47.42	50			0.194	0.184	5.16	
gamma-BHC	1	0		8.70	10.38	10			0.142	0.147	3.80	
Pentachlorophenol	1	0	CC	8.64	48.61	50	20		0.127	0.123	2.78	
Phenanthrene	1	0		8.85	48.13	50			1.154	1.111	3.74	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09827.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/8/05 6:40:00 AM **Method:** 8270

8833

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.90	47.90	50			1.172	1.123	4.20	
Carbazole	1	0		9.08	48.82	50			1.070	1.045	2.36	
Heptachlor	1	0		9.35	10.30	10			0.150	0.154	3.00	
Di-n-butylphthalate	1	0		9.49	50.12	50			1.296	1.299	0.24	
Heptachlor epoxide	1	0		10.04	9.82	10			0.104	0.102	1.80	
Fluoranthene	1	0	CC	10.13	48.03	50	20		1.258	1.208	3.94	
Chrysene-d12	1	0	I	11.81	40.00	40				0.000	0.00	
Pyrene	1	0		10.39	51.04	50			1.602	1.635	2.08	
Benzidine	1	0		10.31	50.70	50			0.592	0.600	1.40	
Terphenyl-d14	1	0	S	10.60	25.02	25			0.945	0.946	0.08	
Endrin	1	0		10.83	10.65	10			0.079	0.084	6.50	
Butylbenzylphthalate	1	0		11.21	51.36	50			0.705	0.724	2.72	
Methoxychlor	1	0		11.84	10.05	10			0.735	0.739	0.50	
3,3'-Dichlorobenzidine	1	0		11.79	50.67	50			0.460	0.467	1.34	
Benzo[a]anthracene	1	0		11.79	49.33	50			1.471	1.451	1.34	
Chrysene	1	0		11.84	49.45	50			1.349	1.334	1.10	
bis(2-Ethylhexyl)phthalate	1	0		11.93	51.74	50			0.974	1.008	3.48	
Perylene-d12	1	0	I	13.39	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.67	50.45	50	20		2.190	2.210	0.90	
Benzo[b]fluoranthene	1	0		13.00	50.52	50			1.579	1.596	1.04	
Benzo[k]fluoranthene	1	0		13.03	46.72	50			1.599	1.494	6.56	
Benzo[a]pyrene	1	0	CC	13.33	49.53	50	20		1.486	1.472	0.94	
Indeno[1,2,3-cd]pyrene	1	0		14.41	51.89	50			1.610	1.671	3.78	
Dibenzo[a,h]anthracene	1	0		14.44	51.83	50			1.336	1.385	3.66	
Benzo[g,h,i]perylene	1	0		14.68	51.27	50			1.347	1.381	2.54	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09827.D Vial: 23
Acq On : 8 Aug 2005 6:40 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.10	152	33792	40.00	ng	-0.15
20) Naphthalene-d8	6.13	136	125969	40.00	ng	-0.15
36) Acenaphthene-d10	7.47	164	69689	40.00	ng	-0.17
61) Phenanthrene-d10	8.83	188	114519	40.00	ng	-0.20
77) Chrysene-d12	11.81	240	88593	40.00	ng	-0.23
88) Perylene-d12	13.39	264	67613	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	56303	49.47	ng	-0.20
Spiked Amount 200.000			Recovery = 24.74%			
8) Phenol-d5	4.80	99	71095	42.72	ng	-0.15
Spiked Amount 200.000			Recovery = 21.36%			
21) Nitrobenzene-d5	5.57	128	13780	24.98	ng	-0.15
Spiked Amount 100.000			Recovery = 24.98%			
41) 2-Fluorobiphenyl	6.94	172	55262	25.37	ng	-0.15
Spiked Amount 100.000			Recovery = 25.37%			
64) 2,4,6-Tribromophenol	8.16	330	11852	48.36	ng	-0.19
Spiked Amount 200.000			Recovery = 24.18%			
80) Terphenyl-d14	10.60	244	52371	25.02	ng	-0.21
Spiked Amount 100.000			Recovery = 25.02%			
Target Compounds						Qvalue
2) Pyridine	1.95	79	68024	48.27	ng	91
3) N-Nitrosodimethylamine	1.91	74	39089	45.61	ng	92
5) Aniline	4.80	93	90913	47.59	ng	89
6) Pentachloroethane	4.83	117	21557	51.74	ng	99
7) bis(2-Chloroethyl)ether	4.88	93	58805	49.18	ng	96
9) Phenol	4.81	94	83680	47.44	ng	83
10) 2-Chlorophenol	4.90	128	62529	46.70	ng	97
11) 1,3-Dichlorobenzene	5.04	146	63602	51.34	ng	99
12) 1,4-Dichlorobenzene	5.11	146	63472	50.07	ng	100
13) 1,2-Dichlorobenzene	5.23	146	59821	49.50	ng	99
14) Benzyl alcohol	5.23	108	42447	48.01	ng	92
15) bis(2-chloroisopropyl)ethe	5.35	45	94077	51.80	ng	96
16) 2-Methylphenol	5.34	108	57680	47.18	ng	97
17) Hexachloroethane	5.52	117	26411	50.23	ng	88
18) N-Nitroso-di-n-propylamine	5.46	70	46530	48.28	ng	97
19) 3&4-Methylphenol	5.47	108	58288	44.85	ng	99
22) Nitrobenzene	5.58	77	62933	50.87	ng	98
23) Isophorone	5.78	82	112097	48.68	ng	92
24) 2-Nitrophenol	5.84	139	32192	50.71	ng	97

(#) = qualifier out of range (m) = manual integration

1818

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09827.D Vial: 2
Acq On : 8 Aug 2005 6:40 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	2,4-Dimethylphenol	5.89	107	56402	46.70	ng	98
26)	Benzoic Acid	5.99	105	25319	36.52	ng	94
27)	bis(2-Chloroethoxy)methane	5.96	93	70311	53.36	ng	99
28)	2,4-Dichlorophenol	6.03	162	47316	46.99	ng	97
29)	1,2,4-Trichlorobenzene	6.09	180	51270	49.66	ng	99
30)	Naphthalene	6.15	128	160709	48.69	ng	99
31)	4-Chloroaniline	6.20	127	65814	51.06	ng	98
32)	Hexachlorobutadiene	6.24	225	29301	51.47	ng	98
33)	4-Chloro-3-methylphenol	6.56	107	48794	43.88	ng	90
34)	2-Methylnaphthalene	6.67	142	107491	47.15	ng	99
35)	Methylnaphthalenes (Total)	6.67	142	107491	47.15	ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.79	216	46818	49.75	ng	97
38)	Hexachlorocyclopentadiene	6.78	237	32392	55.88	ng	99
39)	2,4,6-Trichlorophenol	6.87	196	32717	48.23	ng	95
40)	2,4,5-Trichlorophenol	6.90	196	34188	46.34	ng	98
42)	2-Chloronaphthalene	7.03	162	99890	50.71	ng	97
43)	1,4-Dimethylnaphthalene	7.29	156	73259	48.87	ng	100
44)	Dimethylnaphthalenes (Tota	7.29	156	73259	48.87	ng	100
45)	Diphenyl Ether	7.10	170	85800	65.92	ng	94
46)	2-Nitroaniline	7.11	65	41323	55.08	ng	97
47)	Acenaphthylene	7.35	152	146562	47.10	ng	99
48)	Dimethylphthalate	7.26	163	109773	48.28	ng	98
49)	2,6-Dinitrotoluene	7.30	165	25439	48.57	ng	99
50)	Acenaphthene	7.49	153	97850	50.84	ng	98
51)	3-Nitroaniline	7.44	138	28568	49.97	ng	99
52)	2,4-Dinitrophenol	7.52	184	15178	47.10	ng	91
53)	Dibenzofuran	7.64	168	136307	48.65	ng	97
54)	2,4-Dinitrotoluene	7.63	165	33353	46.10	ng	92
55)	4-Nitrophenol	7.57	65	22595	49.64	ng	94
56)	2,3,4,6-Tetrachlorophenol	7.75	232	26621	46.00	ng	99
57)	Fluorene	7.94	166	107321	47.54	ng	99
58)	4-Chlorophenyl-phenylether	7.94	204	52377	47.73	ng	94
59)	Diethylphthalate	7.85	149	111551	47.87	ng	98
60)	4-Nitroaniline	7.96	138	29779	44.90	ng	94
62)	4,6-Dinitro-2-methylphenol	7.99	198	21479	48.78	ng	100
63)	n-Nitrosodiphenylamine	8.05	169	77241	48.93	ng	99
65)	1,2-Diphenylhydrazine	8.08	77	123404	54.78	ng	97
66)	4-Bromophenyl-phenylether	8.40	248	27731	47.23	ng	99
67)	Hexachlorobenzene	8.45	284	26287	47.42	ng	86
68)	gamma-BHC	8.70	181	4212	10.38	ng	95
69)	Pentachlorophenol	8.64	266	17664	48.61	ng	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09827.D Vial: 20
Acq On : 8 Aug 2005 6:40 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

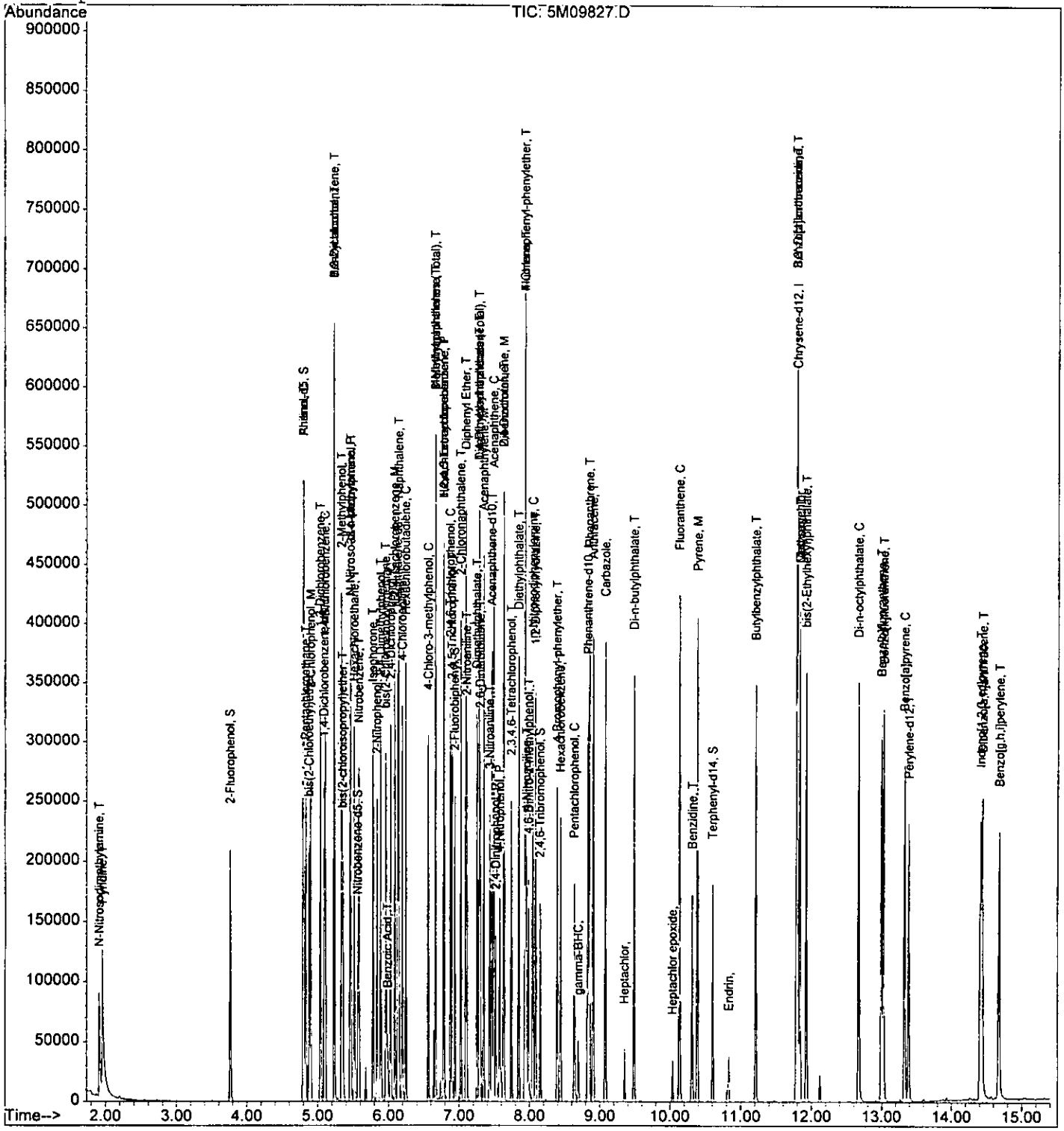
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Phenanthrene	8.85	178	158972	48.13	ng	99
71)	Anthracene	8.90	178	160781	47.90	ng	98
72)	Carbazole	9.08	167	149619	48.82	ng	99
73)	Heptachlor	9.35	100	4417	10.30	ng	95
74)	Di-n-butylphthalate	9.49	149	185971	50.12	ng	99
75)	Heptachlor epoxide	10.04	81	2925	9.82	ng	91
76)	Fluoranthene	10.13	202	172928	48.03	ng	95
78)	Pyrene	10.39	202	181091	51.04	ng	97
79)	Benzidine	10.31	184	66423	50.70	ng	98
81)	Endrin	10.83	81	1860	10.65	ng	90
82)	Butylbenzylphthalate	11.21	149	80205	51.36	ng	94
83)	Methoxychlor	11.84	227	16367	10.05	ng	99
84)	3,3'-Dichlorobenzidine	11.79	252	51680	50.67	ng	99
85)	Benzo[a]anthracene	11.79	228	160700	49.33	ng	99
86)	Chrysene	11.84	228	147755	49.45	ng	99
87)	bis(2-Ethylhexyl)phthalate	11.93	149	111650	51.74	ng	97
89)	Di-n-octylphthalate	12.67	149	186771	50.45	ng	99
90)	Benzo[b]fluoranthene	13.00	252	134882	50.52	ng	99
91)	Benzo[k]fluoranthene	13.03	252	126248	46.72	ng	96
92)	Benzo[a]pyrene	13.33	252	124426	49.53	ng	97
93)	Indeno[1,2,3-cd]pyrene	14.41	276	141245	51.89	ng	92
94)	Dibenzo[a,h]anthracene	14.44	278	117094	51.83	ng	96
95)	Benzo[g,h,i]perylene	14.68	276	116715	51.27	ng	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09827.D Vial: 2
Acq On : 8 Aug 2005 6:40 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05426.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/8/05 6:59:00 AM **Method:** 8270

8818

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.90	40.00	40				0.000	0.00	
Pyridine	1	0		2.28	55.57	50			1.515	1.684	11.14	
N-Nitrosodimethylamine	1	0		2.22	47.33	50			0.917	0.868	5.34	
2-Fluorophenol	1	0	S	3.75	49.89	50			1.128	1.126	0.22	
Aniline	1	0		4.63	52.98	50			1.631	1.729	5.96	
bis(2-Chloroethyl)ether	1	0		4.69	54.15	50			1.226	1.328	8.30	
Phenol-d5	1	0	S	4.61	51.12	50			1.502	1.536	2.24	
Phenol	1	0	CC	4.62	53.85	50	20		1.625	1.750	7.70	
2-Chlorophenol	1	0		4.73	53.31	50			1.244	1.327	6.62	
1,3-Dichlorobenzene	1	0		4.85	54.32	50			1.335	1.451	8.64	
1,4-Dichlorobenzene	1	0	CC	4.91	55.18	50	20		1.306	1.442	10.36	
1,2-Dichlorobenzene	1	0		5.03	54.94	50			1.281	1.408	9.88	
Benzyl alcohol	1	0		5.02	49.27	50			0.775	0.764	1.46	
bis(2-chloroisopropyl)ether	1	0		5.12	46.67	50			3.011	2.810	6.66	
2-Methylphenol	1	0		5.11	50.65	50			1.038	1.051	1.30	
Hexachloroethane	1	0		5.30	54.13	50			0.610	0.660	8.26	
N-Nitroso-di-n-propylamine	1	0	CP	5.23	53.40	50	0.05		1.070	1.142	6.80	
3&4-Methylphenol	1	0		5.24	49.03	50			1.070	1.050	1.94	
Naphthalene-d8	1	0	I	5.90	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.34	25.74	25			0.200	0.206	2.96	
Nitrobenzene	1	0		5.35	50.01	50			0.417	0.417	0.02	
Isophorone	1	0		5.54	47.40	50			0.797	0.755	5.20	
2-Nitrophenol	1	0	CC	5.60	48.63	50	20		0.216	0.210	2.74	
2,4-Dimethylphenol	1	0		5.65	45.18	50			0.398	0.360	9.64	
Benzoic Acid	1	0		5.72	48.51	50			0.069	0.067	2.98	
bis(2-Chloroethoxy)methane	1	0		5.72	48.78	50			0.476	0.464	2.44	
2,4-Dichlorophenol	1	0	CC	5.79	48.99	50	20		0.327	0.321	2.02	
1,2,4-Trichlorobenzene	1	0		5.86	51.89	50			0.351	0.364	3.78	
Naphthalene	1	0		5.92	53.01	50			0.879	0.932	6.02	
4-Chloroaniline	1	0		5.96	61.76	50			0.342	0.422	23.52	
Hexachlorobutadiene	1	0	CC	6.01	50.59	50	20		0.225	0.228	1.18	
4-Chloro-3-methylphenol	1	0	CC	6.36	46.59	50	20		0.365	0.340	6.82	
2-Methylnaphthalene	1	0		6.49	52.47	50			0.615	0.645	4.94	
Methylnaphthalene	1	0		6.49	52.47							
Acenaphthene-d10	1	0	I	7.48	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.65	53.76	50			0.653	0.702	7.52	
Hexachlorocyclopentadiene	1	0	CP	6.64	50.97	50	0.05		0.459	0.468	1.94	
2,4,6-Trichlorophenol	1	0	CC	6.75	53.46	50	20		0.470	0.503	6.92	
2,4,5-Trichlorophenol	1	0		6.78	56.94	50			0.482	0.549	13.88	
2-Fluorobiphenyl	1	0	S	6.82	25.20	25			1.282	1.292	0.80	
2-Chloronaphthalene	1	0		6.93	54.37	50			1.120	1.218	8.74	
2-Nitroaniline	1	0		7.04	47.19	50			0.663	0.626	5.62	
1,4-Dimethylnaphthalene	1	0		7.25	53.61	50			0.770	0.826	7.22	
Dimethylnaphthalene	1	0		7.25	53.61							
Diphenyl Ether	1	0		7.02	52.26	50			0.977	1.021	4.52	
Acenaphthylene	1	0		7.33	53.71	50			1.719	1.847	7.42	
Dimethylphthalate	1	0		7.21	49.56	50			1.413	1.401	0.88	
2,6-Dinitrotoluene	1	0		7.27	54.96	50			0.337	0.370	9.92	
Acenaphthene	1	0	CC	7.51	53.09	50	20		1.127	1.196	6.18	
3-Nitroaniline	1	0		7.43	63.11	50			0.294	0.370	26.22	
2,4-Dinitrophenol	1	0	CP	7.55	42.85	50	0.05		0.191	0.164	14.30	
Dibenzofuran	1	0		7.68	54.74	50			1.485	1.626	9.48	
2,4-Dinitrotoluene	1	0		7.68	53.92	50			0.440	0.475	7.84	
4-Nitrophenol	1	0	CP	7.61	42.63	50	0.05		0.377	0.322	14.74	
Fluorene	1	0		8.04	55.64	50			1.092	1.216	11.28	
4-Chlorophenyl-phenylether	1	0		8.05	51.30	50			0.656	0.673	2.60	
Diethylphthalate	1	0		7.94	48.74	50			1.474	1.437	2.52	
4-Nitroaniline	1	0		8.07	47.40	50			0.378	0.358	5.20	
Phenanthrene-d10	1	0	I	9.07	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.10	51.60	50			0.144	0.148	3.20	
n-Nitrosodiphenylamine	1	0	CC	8.17	54.54	50	20		0.507	0.553	9.08	
2,4,6-Tribromophenol	1	0	S	8.30	54.86	50			0.179	0.196	9.72	
1,2-Diphenylhydrazine	1	0		8.21	49.87	50			0.910	0.907	0.26	
4-Bromophenyl-phenylether	1	0		8.58	52.86	50			0.259	0.273	5.72	
Hexachlorobenzene	1	0		8.63	54.54	50			0.347	0.379	9.08	
Pentachlorophenol	1	0	CC	8.87	47.32	50	20		0.189	0.179	5.36	
Phenanthrene	1	0		9.10	55.04	50			0.999	1.100	10.08	
Anthracene	1	0		9.15	55.23	50			1.015	1.121	10.46	
Carbazole	1	0		9.35	56.49	50			0.931	1.052	12.98	
Di-n-butylphthalate	1	0		9.80	52.33	50			1.362	1.425	4.66	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05426.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/8/05 6:59:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.49	58.26	50	20		1.039	1.211	16.52	
Chrysene-d12	1	0	I	12.27	40.00	40				0.000	0.00	
Pyrene	1	0		10.75	46.49	50			1.538	1.431	7.02	
Benzidine	1	0		10.68	51.73	50			0.434	0.449	3.46	
Terphenyl-d14	1	0	S	10.97	22.47	25			1.127	1.013	10.12	
Butylbenzylphthalate	1	0		11.61	48.46	50			0.750	0.727	3.08	
3,3'-Dichlorobenzidine	1	0		12.26	84.71	50			0.303	0.513	69.42	
Benzo[a]anthracene	1	0		12.26	53.25	50			1.255	1.337	6.50	
Chrysene	1	0		12.30	52.96	50			1.121	1.188	5.92	
bis(2-Ethylhexyl)phthalate	1	0		12.39	55.37	50			0.976	1.080	10.74	
Perylene-d12	1	0	I	14.12	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.26	47.50	50	20		2.191	2.082	5.00	
Benzo[b]fluoranthene	1	0		13.65	47.03	50			1.664	1.565	5.94	
Benzo[k]fluoranthene	1	0		13.69	49.49	50			1.441	1.426	1.02	
Benzo[a]pyrene	1	0	CC	14.06	49.74	50	20		1.368	1.361	0.52	
Indeno[1,2,3-cd]pyrene	1	0		15.37	61.29	50			1.241	1.521	22.58	
Dibenzo[a,h]anthracene	1	0		15.39	61.30	50			1.016	1.246	22.60	
Benzo[g,h,i]perylene	1	0		15.64	63.75	50			0.990	1.263	27.50	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05426.D Vial: 26
Acq On : 8 Aug 2005 6:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.90	152	30327	40.00	ng	-0.04
19) Naphthalene-d8	5.90	136	95647	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	50656	40.00	ng	-0.05
59) Phenanthrene-d10	9.07	188	82469	40.00	ng	-0.06
72) Chrysene-d12	12.27	240	68852	40.00	ng	-0.06
81) Perylene-d12	14.12	264	58010	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.75	112	42680	49.89	ng	-0.04
Spiked Amount 200.000			Recovery = 24.95%			
7) Phenol-d5	4.61	99	58212	51.12	ng	-0.04
Spiked Amount 200.000			Recovery = 25.56%			
20) Nitrobenzene-d5	5.34	128	12324	25.74	ng	-0.04
Spiked Amount 100.000			Recovery = 25.74%			
40) 2-Fluorobiphenyl	6.82	172	40907	25.20	ng	-0.05
Spiked Amount 100.000			Recovery = 25.20%			
62) 2,4,6-Tribromophenol	8.30	332	20249	54.86	ng	-0.05
Spiked Amount 200.000			Recovery = 27.43%			
75) Terphenyl-d14	10.97	244	43587	22.47	ng	-0.05
Spiked Amount 100.000			Recovery = 22.47%			
Target Compounds						Qvalue
2) Pyridine	2.28	79	63836	55.57	ng	96
3) N-Nitrosodimethylamine	2.22	74	32900	47.33	ng	99
5) Aniline	4.63	93	65532	52.98	ng	40
6) bis(2-Chloroethyl)ether	4.69	93	50356	54.15	ng	85
8) Phenol	4.62	94	66352	53.85	ng	78
9) 2-Chlorophenol	4.73	128	50287	53.31	ng	86
10) 1,3-Dichlorobenzene	4.85	146	54991	54.32	ng	99
11) 1,4-Dichlorobenzene	4.91	146	54650	55.18	ng	98
12) 1,2-Dichlorobenzene	5.03	146	53366	54.94	ng	97
13) Benzyl alcohol	5.02	108	28961	49.27	ng	94
14) bis(2-chloroisopropyl)ethe	5.12	45	106527	46.67	ng	98
15) 2-Methylphenol	5.11	108	39843	50.65	ng	100
16) Hexachloroethane	5.30	117	25036	54.13	ng	65
17) N-Nitroso-di-n-propylamine	5.23	70	43297	53.40	ng	88
18) 3&4-Methylphenol	5.24	108	39790	49.03	ng	94
21) Nitrobenzene	5.35	77	49858	50.01	ng	84
22) Isophorone	5.54	82	90295	47.40	ng	98
23) 2-Nitrophenol	5.60	139	25087	48.63	ng	73
24) 2,4-Dimethylphenol	5.65	107	43050	45.18	ng	97

(#) = qualifier out of range (m) = manual integration

1887

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05426.D Vial: 8
Acq On : 8 Aug 2005 6:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.72	105	8028	48.51 ng	87
26) bis(2-Chloroethoxy)methane	5.72	93	55518	48.78 ng	98
27) 2,4-Dichlorophenol	5.79	162	38341	48.99 ng	98
28) 1,2,4-Trichlorobenzene	5.86	180	43553	51.89 ng	97
29) Naphthalene	5.92	128	111383	53.01 ng	98
30) 4-Chloroaniline	5.96	127	50447	61.76 ng	98
31) Hexachlorobutadiene	6.01	225	27247	50.59 ng	95
32) 4-Chloro-3-methylphenol	6.36	107	40654	46.59 ng	80
33) 2-Methylnaphthalene	6.49	142	77140	52.47 ng	99
34) Methylnaphthalene(Total)	6.49	142	77140	52.47 ng	99
36) 1,2,4,5-Tetrachlorobenzene	6.65	216	44457	53.76 ng	97
37) Hexachlorocyclopentadiene	6.64	237	29649	50.97 ng	98
38) 2,4,6-Trichlorophenol	6.75	196	31848	53.46 ng	98
39) 2,4,5-Trichlorophenol	6.78	196	34746	56.94 ng	99
41) 2-Chloronaphthalene	6.93	162	77118	54.37 ng	100
42) 2-Nitroaniline	7.04	65	39629	47.19 ng	64
43) 1,4-Dimethylnaphthalene	7.25	156	52295	53.61 ng	91
44) Dimethylnaphthalene(Total)	7.25	156	52295	53.61 ng	91
45) Diphenyl Ether	7.02	170	64679	52.26 ng	93
46) Acenaphthylene	7.33	152	116924	53.71 ng	98
47) Dimethylphthalate	7.21	163	88714	49.56 ng	100
48) 2,6-Dinitrotoluene	7.27	165	23420	54.96 ng	96
49) Acenaphthene	7.51	153	75753	53.09 ng	96
50) 3-Nitroaniline	7.43	138	23458	63.11 ng	99
51) 2,4-Dinitrophenol	7.55	184	10355	42.85 ng	99
52) Dibenzofuran	7.68	168	102961	54.74 ng	94
53) 2,4-Dinitrotoluene	7.68	165	30050	53.92 ng	87
54) 4-Nitrophenol	7.61	65	20360	42.63 ng	97
55) Fluorene	8.04	166	76972	55.64 ng	97
56) 4-Chlorophenyl-phenylether	8.05	204	42603	51.30 ng	95
57) Diethylphthalate	7.94	149	90970	48.74 ng	99
58) 4-Nitroaniline	8.07	138	22686	47.40 ng	95
60) 4,6-Dinitro-2-methylphenol	8.10	198	15268	51.60 ng	100
61) n-Nitrosodiphenylamine	8.17	169	57057	54.54 ng	99
63) 1,2-Diphenylhydrazine	8.21	77	93513	49.87 ng	98
64) 4-Bromophenyl-phenylether	8.58	248	28182	52.86 ng	93
65) Hexachlorobenzene	8.63	284	39056	54.54 ng	79
66) Pentachlorophenol	8.87	266	18462	47.32 ng	96
67) Phenanthrene	9.10	178	113373	55.04 ng	98
68) Anthracene	9.15	178	115531	55.23 ng	99
69) Carbazole	9.35	167	108457	56.49 ng	98

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05426.D Vial: 42
Acq On : 8 Aug 2005 6:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 4M_0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

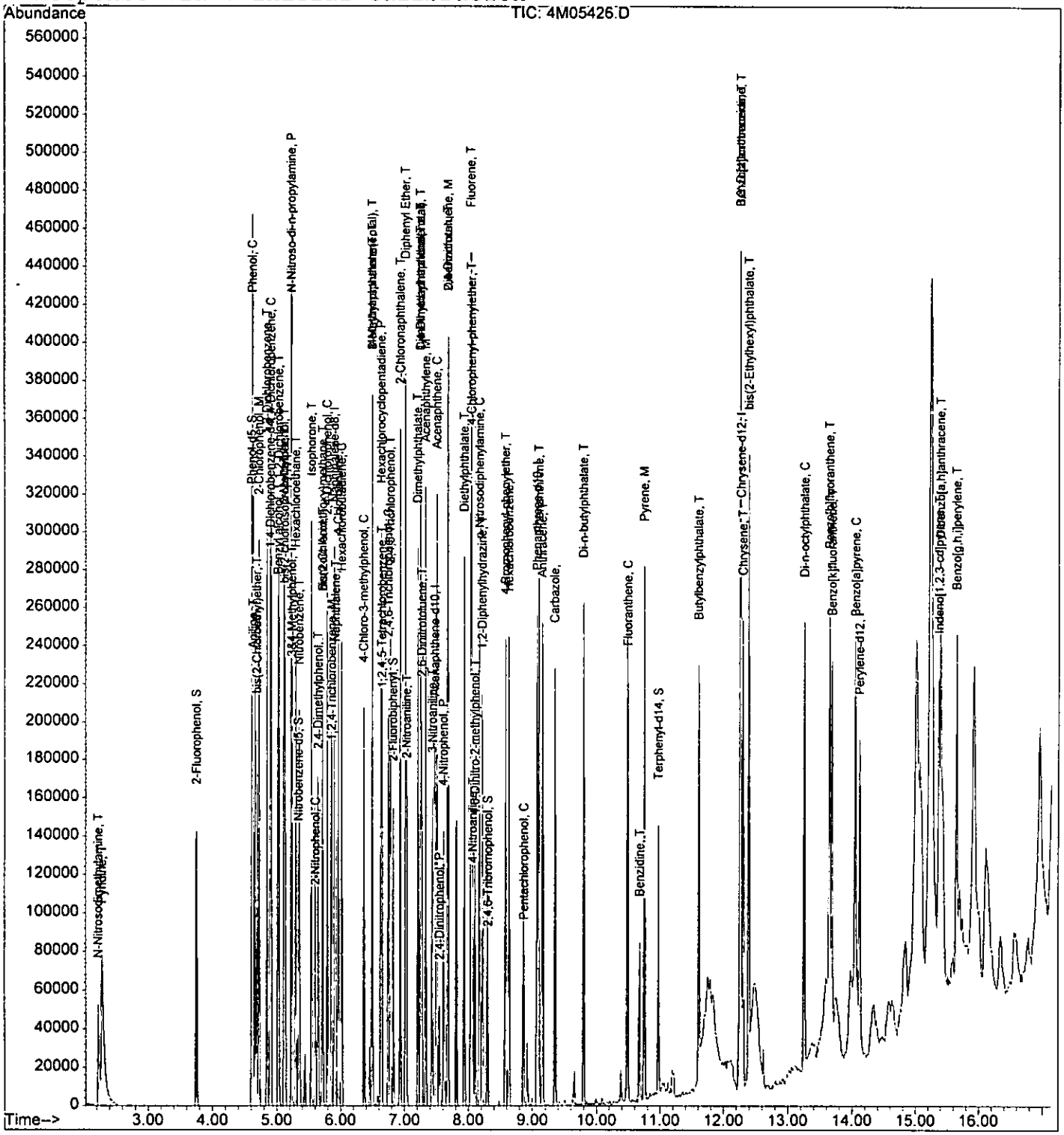
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.80	149	146922	52.33	ng	98
71)	Fluoranthene	10.49	202	124842	58.26	ng	85
73)	Pyrene	10.75	202	123125	46.49	ng	99
74)	Benzidine	10.68	184	38609	51.73	ng	96
76)	Butylbenzylphthalate	11.61	149	62562	48.46	ng	96
77)	3,3'-Dichlorobenzidine	12.26	252	44111	84.71	ng	96
78)	Benzo[a]anthracene	12.26	228	115071	53.25	ng	100
79)	Chrysene	12.30	228	102231	52.96	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.39	149	92969	55.37	ng	97
82)	Di-n-octylphthalate	13.26	149	150947	47.50	ng	99
83)	Benzo[b]fluoranthene	13.65	252	113500	47.03	ng	97
84)	Benzo[k]fluoranthene	13.69	252	103425	49.49	ng	96
85)	Benzo[a]pyrene	14.06	252	98669	49.74	ng	94
86)	Indeno[1,2,3-cd]pyrene	15.37	276	110279	61.29	ng	79
87)	Dibenzo[a,h]anthracene	15.39	278	90317	61.30	ng	96
88)	Benzo[g,h,i]perylene	15.64	276	91551	63.75	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05426.D Vial: 26
Acq On : 8 Aug 2005 6:59 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 7:16 2005 Quant Results File: 4M_0803.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05479.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/10/2005 6:49:00 A **Method:** 8270

8844

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.86	40.00	40				0.000	0.00	
Pyridine	1	0		2.20	56.55	50			1.633	1.847	13.10	
N-Nitrosodimethylamine	1	0		2.16	48.71	50			0.949	0.925	2.58	
2-Fluorophenol	1	0	S	3.70	53.97	50			1.112	1.201	7.94	
Aniline	1	0		4.59	54.54	50			1.718	1.874	9.08	
bis(2-Chloroethyl)ether	1	0		4.65	50.06	50			1.206	1.207	0.12	
Phenol-d5	1	0	S	4.57	55.47	50			1.397	1.549	10.94	
Phenol	1	0	CC	4.58	50.58	50	20		1.523	1.540	1.16	
2-Chlorophenol	1	0		4.68	55.07	50			1.175	1.295	10.14	
1,3-Dichlorobenzene	1	0		4.81	53.41	50			1.307	1.396	6.82	
1,4-Dichlorobenzene	1	0	CC	4.88	54.66	50	20		1.292	1.412	9.32	
1,2-Dichlorobenzene	1	0		4.99	52.81	50			1.290	1.362	5.62	
Benzyl alcohol	1	0		4.98	58.94	50			0.689	0.812	17.88	
bis(2-chloroisopropyl)ether	1	0		5.09	52.73	50			3.072	3.240	5.46	
2-Methylphenol	1	0		5.07	55.72	50			1.016	1.132	11.44	
Hexachloroethane	1	0		5.26	53.55	50			0.635	0.680	7.10	
N-Nitroso-di-n-propylamine	1	0	CP	5.20	53.74	50	0.05		1.025	1.102	7.48	
3&4-Methylphenol	1	0		5.20	58.44	50			0.957	1.119	16.88	
Naphthalene-d8	1	0	I	5.86	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.30	25.01	25			0.193	0.193	0.04	
Nitrobenzene	1	0		5.32	52.47	50			0.445	0.467	4.94	
Isophorone	1	0		5.50	48.37	50			0.799	0.773	3.26	
2-Nitrophenol	1	0	CC	5.56	51.71	50	20		0.232	0.240	3.42	
2,4-Dimethylphenol	1	0		5.60	52.48	50			0.389	0.408	4.96	
Benzoic Acid	1	0		5.71	63.87	50			0.079	0.101	27.74	
bis(2-Chloroethoxy)methane	1	0		5.68	51.67	50			0.470	0.485	3.34	
2,4-Dichlorophenol	1	0	CC	5.75	50.29	50	20		0.325	0.327	0.58	
1,2,4-Trichlorobenzene	1	0		5.82	51.77	50			0.363	0.376	3.54	
Naphthalene	1	0		5.88	49.93	50			0.946	0.945	0.14	
4-Chloroaniline	1	0		5.92	57.86	50			0.376	0.435	15.72	
Hexachlorobutadiene	1	0	CC	5.97	50.09	50	20		0.247	0.247	0.18	
4-Chloro-3-methylphenol	1	0	CC	6.32	54.14	50	20		0.340	0.368	8.28	
2-Methylnaphthalene	1	0		6.45	53.59	50			0.608	0.652	7.18	
Methylnaphthalene	1	0		6.45	53.59							
Acenaphthene-d10	1	0	I	7.41	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.60	51.22	50			0.702	0.719	2.44	
Hexachlorocyclopentadiene	1	0	CP	6.59	48.06	50	0.05		0.517	0.497	3.88	
2,4,6-Trichlorophenol	1	0	CC	6.70	50.31	50	20		0.499	0.502	0.62	
2,4,5-Trichlorophenol	1	0		6.73	53.78	50			0.474	0.510	7.56	
2-Fluorobiphenyl	1	0	S	6.78	24.69	25			1.368	1.351	1.24	
2-Chloronaphthalene	1	0		6.88	52.59	50			1.125	1.183	5.18	
2-Nitroaniline	1	0		6.98	53.10	50			0.626	0.665	6.20	
1,4-Dimethylnaphthalene	1	0		7.20	55.50	50			0.744	0.826	11.00	
Dimethylnaphthalene	1	0		7.20	55.50							
Diphenyl Ether	1	0		6.96	54.55	50			0.937	1.023	9.10	
Acenaphthylene	1	0		7.28	52.52	50			1.761	1.850	5.04	
Dimethylphthalate	1	0		7.16	53.08	50			1.424	1.512	6.16	
2,6-Dinitrotoluene	1	0		7.22	51.28	50			0.335	0.343	2.56	
Acenaphthene	1	0	CC	7.45	51.46	50	20		1.145	1.178	2.92	
3-Nitroaniline	1	0		7.38	59.04	50			0.291	0.344	18.08	
2,4-Dinitrophenol	1	0	CP	7.50	50.22	50	0.05		0.165	0.166	0.44	
Dibenzofuran	1	0		7.63	56.45	50			1.399	1.580	12.90	
2,4-Dinitrotoluene	1	0		7.63	57.50	50			0.389	0.447	15.00	
4-Nitrophenol	1	0	CP	7.56	55.37	50	0.05		0.277	0.307	10.74	
Fluorene	1	0		7.99	53.16	50			1.073	1.141	6.32	
4-Chlorophenyl-phenylether	1	0		8.00	54.52	50			0.591	0.644	9.04	
Diethylphthalate	1	0		7.88	51.89	50			1.439	1.494	3.78	
4-Nitroaniline	1	0		8.02	58.08	50			0.272	0.315	16.16	
Phenanthrene-d10	1	0	I	9.01	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.05	51.99	50			0.165	0.171	3.98	
n-Nitrosodiphenylamine	1	0	CC	8.12	48.47	50	20		0.595	0.577	3.06	
2,4,6-Tribromophenol	1	0	S	8.24	51.36	50			0.201	0.207	2.72	
1,2-Diphenylhydrazine	1	0		8.16	46.92	50			1.090	1.023	6.16	
4-Bromophenyl-phenylether	1	0		8.53	51.09	50			0.304	0.310	2.18	
Hexachlorobenzene	1	0		8.58	51.78	50			0.402	0.417	3.56	
Pentachlorophenol	1	0	CC	8.80	52.62	50	20		0.193	0.204	5.24	
Phenanthrene	1	0		9.04	55.15	50			1.020	1.125	10.30	
Anthracene	1	0		9.10	53.61	50			1.016	1.089	7.22	
Carbazole	1	0		9.30	57.11	50			0.857	0.979	14.22	
Di-n-butylphthalate	1	0		9.74	51.40	50			1.585	1.630	2.80	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M05479.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/10/2005 6:49:00 A **Method:** 8270

8045

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.42	58.40	50	20		0.898	1.049	16.80	
Chrysene-d12	1	0	I	12.20	40.00	40				0.000	0.00	
Pyrene	1	0		10.69	50.06	50			1.600	1.602	0.12	
Benzidine	1	0		10.61	58.09	50			0.400	0.465	16.18	
Terphenyl-d14	1	0	S	10.91	24.89	25			1.134	1.128	0.44	
Butylbenzylphthalate	1	0		11.54	48.30	50			0.865	0.835	3.40	
3,3'-Dichlorobenzidine	1	0		12.19	58.79	50			0.403	0.474	17.58	
Benzo[a]anthracene	1	0		12.19	49.15	50			1.285	1.264	1.70	
Chrysene	1	0		12.23	52.72	50			1.139	1.202	5.44	
bis(2-Ethylhexyl)phthalate	1	0		12.32	47.04	50			1.268	1.193	5.92	
Perylene-d12	1	0	I	14.04	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.19	50.18	50	20		2.169	2.177	0.36	
Benzo[b]fluoranthene	1	0		13.58	50.60	50			1.479	1.497	1.20	
Benzo[k]fluoranthene	1	0		13.61	55.80	50			1.352	1.509	11.60	
Benzo[a]pyrene	1	0	CC	13.98	51.24	50	20		1.302	1.334	2.48	
Indeno[1,2,3-cd]pyrene	1	0		15.28	48.84	50			1.468	1.434	2.32	
Dibenzo[a,h]anthracene	1	0		15.31	49.51	50			1.172	1.160	0.98	
Benzo[g,h,i]perylene	1	0		15.56	47.96	50			1.230	1.180	4.08	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05479.D Vial: 5
Acq On : 10 Aug 2005 6:49 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:06 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	54526	40.00	ng	0.00
19) Naphthalene-d8	5.86	136	175836	40.00	ng	0.00
35) Acenaphthene-d10	7.41	164	93873	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	137232	40.00	ng	0.00
72) Chrysene-d12	12.20	240	92299	40.00	ng	0.00
81) Perylene-d12	14.04	264	70980	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	3.70	112	81837	53.97	ng	-0.01
Spiked Amount 200.000			Recovery = 26.99%			
7) Phenol-d5	4.57	99	105604	55.47	ng	-0.01
Spiked Amount 200.000			Recovery = 27.74%			
20) Nitrobenzene-d5	5.30	128	21263	25.01	ng	0.00
Spiked Amount 100.000			Recovery = 25.01%			
40) 2-Fluorobiphenyl	6.78	172	79243	24.69	ng	0.00
Spiked Amount 100.000			Recovery = 24.69%			
62) 2,4,6-Tribromophenol	8.24	332	35491	51.36	ng	0.00
Spiked Amount 200.000			Recovery = 25.68%			
75) Terphenyl-d14	10.91	244	65090	24.89	ng	0.00
Spiked Amount 100.000			Recovery = 24.89%			
Target Compounds						Qvalue
2) Pyridine	2.20	79	125877	56.55	ng	92
3) N-Nitrosodimethylamine	2.16	74	63013	48.71	ng	99
5) Aniline	4.59	93	127743	54.54	ng	51
6) bis(2-Chloroethyl)ether	4.65	93	82289	50.06	ng	91
8) Phenol	4.58	94	104981	50.58	ng	76
9) 2-Chlorophenol	4.68	128	88238	55.07	ng	72
10) 1,3-Dichlorobenzene	4.81	146	95147	53.41	ng	98
11) 1,4-Dichlorobenzene	4.88	146	96229	54.66	ng	98
12) 1,2-Dichlorobenzene	4.99	146	92860	52.81	ng	97
13) Benzyl alcohol	4.98	108	55374	58.94	ng	66
14) bis(2-chloroisopropyl)ethe	5.09	45	220829	52.73	ng	97
15) 2-Methylphenol	5.07	108	77136	55.72	ng	99
16) Hexachloroethane	5.26	117	46367	53.55	ng	85
17) N-Nitroso-di-n-propylamine	5.20	70	75078	53.74	ng	83
18) 3&4-Methylphenol	5.20	108	76250	58.44	ng	98
21) Nitrobenzene	5.32	77	102597	52.47	ng	96
22) Isophorone	5.50	82	169862	48.37	ng	92
23) 2-Nitrophenol	5.56	139	52759	51.71	ng	85
24) 2,4-Dimethylphenol	5.60	107	89673	52.48	ng	99

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05479.D Vial: 29
Acq On : 10 Aug 2005 6:49 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:06 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) Benzoic Acid	5.71	105	22240	63.87 ng	99
26) bis(2-Chloroethoxy)methane	5.68	93	106685	51.67 ng	98
27) 2,4-Dichlorophenol	5.75	162	71842	50.29 ng	97
28) 1,2,4-Trichlorobenzene	5.82	180	82596	51.77 ng	96
29) Naphthalene	5.88	128	207639	49.93 ng	100
30) 4-Chloroaniline	5.92	127	95575	57.86 ng	99
31) Hexachlorobutadiene	5.97	225	54293	50.09 ng	98
32) 4-Chloro-3-methylphenol	6.32	107	80937	54.14 ng	85
33) 2-Methylnaphthalene	6.45	142	143326	53.59 ng	99
34) Methylnaphthalene(Total)	6.45	142	143326	53.59 ng	99
36) 1,2,4,5-Tetrachlorobenzene	6.60	216	84399	51.22 ng	97
37) Hexachlorocyclopentadiene	6.59	237	58281	48.06 ng	99
38) 2,4,6-Trichlorophenol	6.70	196	58961	50.31 ng	98
39) 2,4,5-Trichlorophenol	6.73	196	59850	53.78 ng	98
41) 2-Chloronaphthalene	6.88	162	138816	52.59 ng	94
42) 2-Nitroaniline	6.98	65	78018	53.10 ng	84
43) 1,4-Dimethylnaphthalene	7.20	156	96903	55.50 ng	90
44) Dimethylnaphthalene(Total)	7.20	156	96903	55.50 ng	90
45) Diphenyl Ether	6.96	170	119994	54.55 ng	98
46) Acenaphthylene	7.28	152	217034	52.52 ng	98
47) Dimethylphthalate	7.16	163	177415	53.08 ng	99
48) 2,6-Dinitrotoluene	7.22	165	40273	51.28 ng	84
49) Acenaphthene	7.45	153	138245	51.46 ng	98
50) 3-Nitroaniline	7.38	138	40388	59.04 ng	98
51) 2,4-Dinitrophenol	7.50	184	19447	50.22 ng	87
52) Dibenzofuran	7.63	168	185363	56.45 ng	94
53) 2,4-Dinitrotoluene	7.63	165	52444	57.50 ng	99
54) 4-Nitrophenol	7.56	65	36055	55.37 ng	92
55) Fluorene	7.99	166	133884	53.16 ng	98
56) 4-Chlorophenyl-phenylether	8.00	204	75602	54.52 ng	98
57) Diethylphthalate	7.88	149	175272	51.89 ng	99
58) 4-Nitroaniline	8.02	138	37007	58.08 ng	94
60) 4,6-Dinitro-2-methylphenol	8.05	198	29358	51.99 ng	100
61) n-Nitrosodiphenylamine	8.12	169	99008	48.47 ng	96
63) 1,2-Diphenylhydrazine	8.16	77	175401	46.92 ng	95
64) 4-Bromophenyl-phenylether	8.53	248	53255	51.09 ng	82
65) Hexachlorobenzene	8.58	284	71491	51.78 ng	91
66) Pentachlorophenol	8.80	266	34933	52.62 ng	95
67) Phenanthrene	9.04	178	192992	55.15 ng	99
68) Anthracene	9.10	178	186871	53.61 ng	99
69) Carbazole	9.30	167	167917	57.11 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05479.D Vial: 2
Acq On : 10 Aug 2005 6:49 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:06 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

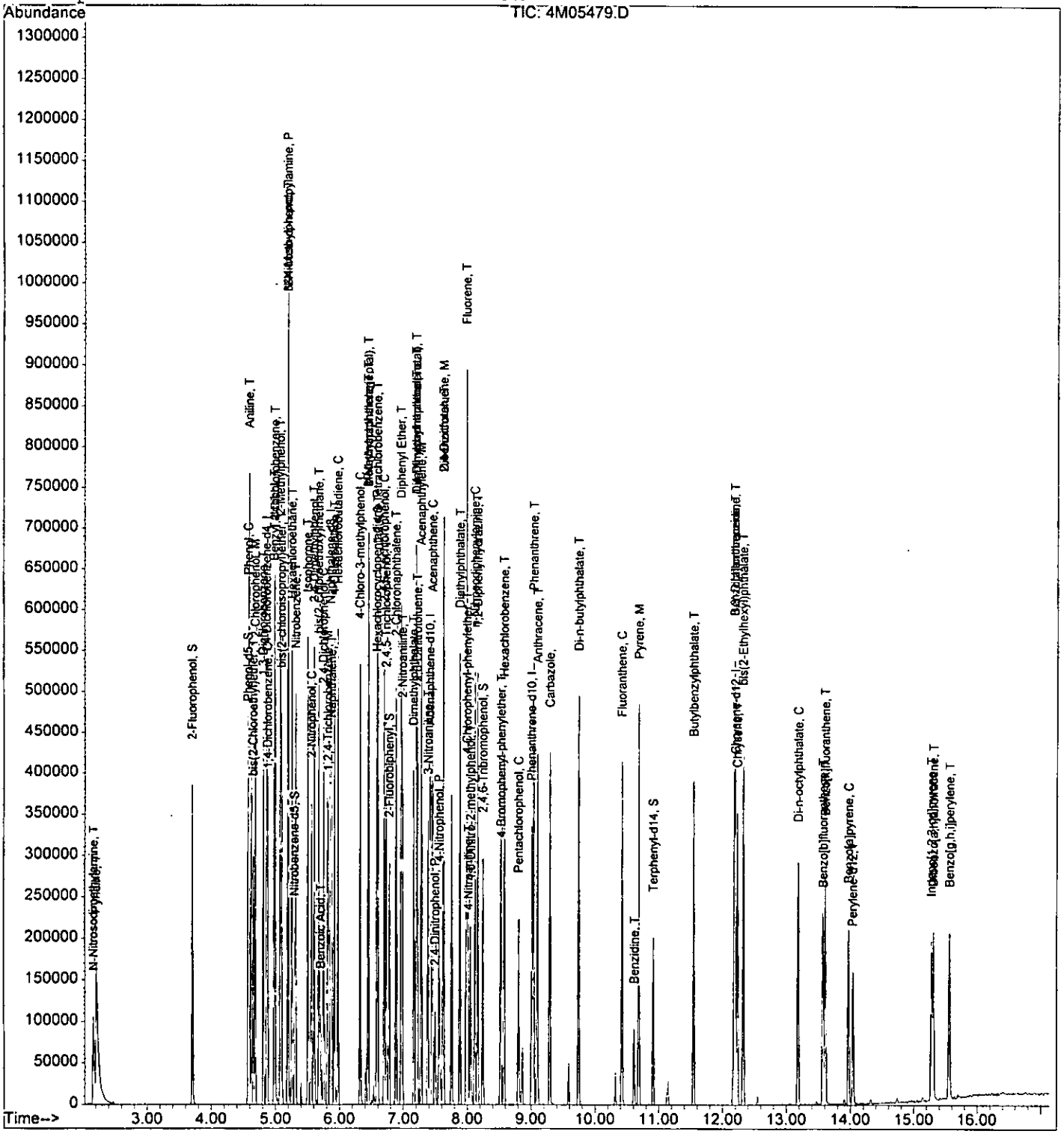
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Di-n-butylphthalate	9.74	149	279556	51.40	ng	99
71) Fluoranthene	10.42	202	179993	58.40	ng	99
73) Pyrene	10.69	202	184839	50.06	ng	94
74) Benzidine	10.61	184	53679	58.09	ng	91
76) Butylbenzylphthalate	11.54	149	96369	48.30	ng	90
77) 3,3'-Dichlorobenzidine	12.19	252	54631	58.79	ng	96
78) Benzo[a]anthracene	12.19	228	145782	49.15	ng	99
79) Chrysene	12.23	228	138630	52.72	ng	99
80) bis(2-Ethylhexyl)phthalate	12.32	149	137617	47.04	ng	96
82) Di-n-octylphthalate	13.19	149	193140	50.18	ng	99
83) Benzo[b]fluoranthene	13.58	252	132785	50.60	ng	93
84) Benzo[k]fluoranthene	13.61	252	133887	55.80	ng	98
85) Benzo[a]pyrene	13.98	252	118396	51.24	ng	96
86) Indeno[1,2,3-cd]pyrene	15.28	276	127240	48.84	ng	89
87) Dibenzo[a,h]anthracene	15.31	278	102942	49.51	ng	98
88) Benzo[g,h,i]perylene	15.56	276	104659	47.96	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05479.D Vial: 2
Acq On : 10 Aug 2005 6:49 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:06 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09912.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/10/2005 6:55:00 A **Method:** 8270

0580

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.08	40.00	40				0.000	0.00	
Pyridine	1	0		1.94	50.08	50			1.668	1.671	0.16	
N-Nitrosodimethylamine	1	0		1.89	45.80	50			1.014	0.929	8.40	
2-Fluorophenol	1	0	S	3.75	51.22	50			1.347	1.380	2.44	
Aniline	1	0		4.79	51.74	50			2.261	2.340	3.48	
Pentachloroethane	1	0		4.82	51.91	50			0.493	0.512	3.82	
bis(2-Chloroethyl)ether	1	0		4.87	51.35	50			1.415	1.453	2.70	
Phenol-d5	1	0	S	4.78	46.45	50			1.970	1.830	7.10	
Phenol	1	0	CC	4.79	50.36	50	20		2.088	2.103	0.72	
2-Chlorophenol	1	0		4.89	46.98	50			1.585	1.489	6.04	
1,3-Dichlorobenzene	1	0		5.02	51.06	50			1.466	1.497	2.12	
1,4-Dichlorobenzene	1	0	CC	5.10	52.12	50	20		1.501	1.564	4.24	
1,2-Dichlorobenzene	1	0		5.22	50.80	50			1.431	1.453	1.60	
Benzyl alcohol	1	0		5.22	49.19	50			1.047	1.030	1.62	
bis(2-chloroisopropyl)ether	1	0		5.34	52.84	50			2.150	2.272	5.68	
2-Methylphenol	1	0		5.33	49.27	50			1.447	1.426	1.46	
Hexachloroethane	1	0		5.50	52.31	50			0.622	0.651	4.62	
N-Nitroso-di-n-propylamine	1	0	CP	5.44	49.17	50	0.05		1.141	1.122	1.66	
3&4-Methylphenol	1	0		5.45	47.32	50			1.538	1.456	5.36	
Naphthalene-d8	1	0	I	6.12	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.55	24.21	25			0.175	0.170	3.16	
Nitrobenzene	1	0		5.57	51.45	50			0.393	0.404	2.90	
Isophorone	1	0		5.77	50.92	50			0.731	0.745	1.84	
2-Nitrophenol	1	0	CC	5.82	52.30	50	20		0.202	0.211	4.60	
2,4-Dimethylphenol	1	0		5.88	46.76	50			0.383	0.359	6.48	
Benzoic Acid	1	0		5.97	40.95	50			0.220	0.180	18.10	
bis(2-Chloroethoxy)methane	1	0		5.95	48.12	50			0.418	0.403	3.76	
2,4-Dichlorophenol	1	0	CC	6.01	47.59	50	20		0.320	0.304	4.82	
1,2,4-Trichlorobenzene	1	0		6.07	49.38	50			0.328	0.324	1.24	
Naphthalene	1	0		6.13	50.22	50			1.048	1.053	0.44	
4-Chloroaniline	1	0		6.19	51.89	50			0.409	0.425	3.78	
Hexachlorobutadiene	1	0	CC	6.23	51.29	50	20		0.181	0.185	2.58	
4-Chloro-3-methylphenol	1	0	CC	6.55	47.18	50	20		0.353	0.333	5.64	
2-Methylnaphthalene	1	0		6.65	47.58	50			0.724	0.689	4.84	
Methylnaphthalenes	1	0		6.65	47.58							
Acenaphthene-d10	1	0	I	7.45	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.77	50.59	50			0.540	0.546	1.18	
Hexachlorocyclopentadiene	1	0	CP	6.77	53.50	50	0.05		0.333	0.356	7.00	
2,4,6-Trichlorophenol	1	0	CC	6.86	52.11	50	20		0.389	0.406	4.22	
2,4,5-Trichlorophenol	1	0		6.89	51.89	50			0.423	0.439	3.78	
2-Fluorobiphenyl	1	0	S	6.93	25.90	25			1.250	1.295	3.60	
2-Chloronaphthalene	1	0		7.01	51.99	50			1.131	1.176	3.98	
1,4-Dimethylnaphthalene	1	0		7.27	49.94	50			0.860	0.859	0.12	
Dimethylnaphthalenes	1	0		7.27	49.94							
Diphenyl Ether	1	0		7.08	69.78	50			0.747	1.043	39.56	
2-Nitroaniline	1	0		7.09	57.17	50			0.431	0.492	14.34	
Acenaphthylene	1	0		7.33	52.42	50			1.786	1.873	4.84	
Dimethylphthalate	1	0		7.24	50.30	50			1.305	1.313	0.60	
2,6-Dinitrotoluene	1	0		7.29	50.78	50			0.301	0.305	1.56	
Acenaphthene	1	0	CC	7.48	50.64	50	20		1.105	1.119	1.28	
3-Nitroaniline	1	0		7.42	55.80	50			0.328	0.366	11.60	
2,4-Dinitrophenol	1	0	CP	7.51	52.82	50	0.05		0.185	0.195	5.64	
Dibenzofuran	1	0		7.62	51.97	50			1.608	1.672	3.94	
2,4-Dinitrotoluene	1	0		7.62	50.57	50			0.415	0.420	1.14	
4-Nitrophenol	1	0	CP	7.56	52.69	50	0.05		0.261	0.275	5.38	
2,3,4,6-Tetrachlorophenol	1	0		7.73	49.51	50			0.332	0.329	0.98	
Fluorene	1	0		7.92	49.09	50			1.296	1.272	1.82	
4-Chlorophenyl-phenylether	1	0		7.93	48.74	50			0.630	0.614	2.52	
Diethylphthalate	1	0		7.83	49.47	50			1.338	1.323	1.06	
4-Nitroaniline	1	0		7.94	50.75	50			0.381	0.386	1.50	
Phenanthrene-d10	1	0	I	8.81	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.97	48.79	50			0.154	0.150	2.42	
n-Nitrosodiphenylamine	1	0	CC	8.03	47.47	50	20		0.551	0.523	5.06	
2,4,6-Tribromophenol	1	0	S	8.14	46.23	50			0.086	0.079	7.54	
1,2-Diphenylhydrazine	1	0		8.07	50.46	50			0.787	0.794	0.92	
4-Bromophenyl-phenylether	1	0		8.38	47.53	50			0.205	0.195	4.94	
Hexachlorobenzene	1	0		8.42	47.82	50			0.194	0.185	4.36	
gamma-BHC	1	0		8.67	9.35	10			0.142	0.133	6.50	
Pentachlorophenol	1	0	CC	8.62	47.25	50	20		0.127	0.120	5.50	
Phenanthrene	1	0		8.84	47.67	50			1.154	1.100	4.66	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound 1 - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09912.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/10/2005 6:55:00 A **Method:** 8270

8851

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.89	47.58	50			1.172	1.116	4.84	
Carbazole	1	0		9.06	49.21	50			1.070	1.054	1.58	
Heptachlor	1	0		9.33	10.10	10			0.150	0.151	1.00	
Di-n-butylphthalate	1	0		9.47	50.69	50			1.296	1.314	1.38	
Heptachlor epoxide	1	0		10.02	10.18	10			0.104	0.106	1.80	
Fluoranthene	1	0	CC	10.12	48.30	50	20		1.258	1.215	3.40	
Chrysene-d12	1	0	I	11.79	40.00	40				0.000	0.00	
Pyrene	1	0		10.37	48.85	50			1.602	1.565	2.30	
Benzidine	1	0		10.30	43.90	50			0.592	0.519	12.20	
Terphenyl-d14	1	0	S	10.58	24.41	25			0.945	0.923	2.36	
Endrin	1	0		10.81	10.79	10			0.079	0.085	7.90	
Butylbenzylphthalate	1	0		11.20	53.93	50			0.705	0.760	7.86	
Methoxychlor	1	0		11.82	10.06	10			0.735	0.740	0.60	
3,3'-Dichlorobenzidine	1	0		11.78	52.12	50			0.460	0.480	4.24	
Benzo[a]anthracene	1	0		11.77	48.94	50			1.471	1.440	2.12	
Chrysene	1	0		11.82	50.39	50			1.349	1.360	0.78	
bis(2-Ethylhexyl)phthalate	1	0		11.91	51.57	50			0.974	1.005	3.14	
Perylene-d12	1	0	I	13.37	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.65	51.71	50	20		2.190	2.265	3.42	
Benzo[b]fluoranthene	1	0		12.98	50.20	50			1.579	1.586	0.40	
Benzo[k]fluoranthene	1	0		13.01	50.16	50			1.599	1.604	0.32	
Benzo[a]pyrene	1	0	CC	13.31	49.61	50	20		1.486	1.475	0.78	
Indeno[1,2,3-cd]pyrene	1	0		14.39	50.05	50			1.610	1.612	0.10	
Dibenzo[a,h]anthracene	1	0		14.41	50.30	50			1.336	1.344	0.60	
Benzo[g,h,i]perylene	1	0		14.65	50.87	50			1.347	1.370	1.74	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-10-05\5M09912.D Vial: 5
Acq On : 10 Aug 2005 6:55 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:34 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.08	152	27401	40.00	ng	-0.17
20) Naphthalene-d8	6.12	136	110065	40.00	ng	-0.16
36) Acenaphthene-d10	7.45	164	62398	40.00	ng	-0.19
61) Phenanthrene-d10	8.81	188	114286	40.00	ng	-0.21
77) Chrysene-d12	11.79	240	89808	40.00	ng	-0.24
88) Perylene-d12	13.37	264	68110	40.00	ng	-0.25
System Monitoring Compounds						
4) 2-Fluorophenol	3.75	112	47273	51.22	ng	-0.21
Spiked Amount 200.000			Recovery = 25.61%			
8) Phenol-d5	4.78	99	62688	46.45	ng	-0.17
Spiked Amount 200.000			Recovery = 23.23%			
21) Nitrobenzene-d5	5.55	128	11665	24.21	ng	-0.16
Spiked Amount 100.000			Recovery = 24.21%			
41) 2-Fluorobiphenyl	6.93	172	50516	25.90	ng	-0.16
Spiked Amount 100.000			Recovery = 25.90%			
64) 2,4,6-Tribromophenol	8.14	330	11308	46.23	ng	-0.21
Spiked Amount 200.000			Recovery = 23.12%			
80) Terphenyl-d14	10.58	244	51780	24.41	ng	-0.23
Spiked Amount 100.000			Recovery = 24.41%			
Target Compounds						Qvalue
2) Pyridine	1.94	79	57222	50.08	ng	93
3) N-Nitrosodimethylamine	1.89	74	31827	45.80	ng	93
5) Aniline	4.79	93	80141	51.74	ng	89
6) Pentachloroethane	4.82	117	17537	51.91	ng	98
7) bis(2-Chloroethyl)ether	4.87	93	49784	51.35	ng	97
9) Phenol	4.79	94	72036	50.36	ng	83
10) 2-Chlorophenol	4.89	128	51004	46.98	ng	96
11) 1,3-Dichlorobenzene	5.02	146	51290	51.06	ng	98
12) 1,4-Dichlorobenzene	5.10	146	53572	52.12	ng	99
13) 1,2-Dichlorobenzene	5.22	146	49783	50.80	ng	97
14) Benzyl alcohol	5.22	108	35268	49.19	ng	95
15) bis(2-chloroisopropyl)ethe	5.34	45	77826	52.84	ng	96
16) 2-Methylphenol	5.33	108	48835	49.27	ng	100
17) Hexachloroethane	5.50	117	22302	52.31	ng	95
18) N-Nitroso-di-n-propylamine	5.44	70	38424	49.17	ng	96
19) 3&4-Methylphenol	5.45	108	49871	47.32	ng	99
22) Nitrobenzene	5.57	77	55619	51.45	ng	94
23) Isophorone	5.77	82	102453	50.92	ng	99
24) 2-Nitrophenol	5.82	139	29015	52.30	ng	91

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-10-05\5M09912.D Vial: 92
Acq On : 10 Aug 2005 6:55 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:34 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25)	2,4-Dimethylphenol	5.88	107	49336	46.76	ng	98
26)	Benzoic Acid	5.97	105	24805	40.95	ng	96
27)	bis(2-Chloroethoxy)methane	5.95	93	55400	48.12	ng	99
28)	2,4-Dichlorophenol	6.01	162	41870	47.59	ng	95
29)	1,2,4-Trichlorobenzene	6.07	180	44542	49.38	ng	97
30)	Naphthalene	6.13	128	144853	50.22	ng	100
31)	4-Chloroaniline	6.19	127	58439	51.89	ng	97
32)	Hexachlorobutadiene	6.23	225	25514	51.29	ng	99
33)	4-Chloro-3-methylphenol	6.55	107	45841	47.18	ng	99
34)	2-Methylnaphthalene	6.65	142	94791	47.58	ng	97
35)	Methylnaphthalenes (Total)	6.65	142	94791	47.58	ng	97
37)	1,2,4,5-Tetrachlorobenzene	6.77	216	42625	50.59	ng	99
38)	Hexachlorocyclopentadiene	6.77	237	27768	53.50	ng	97
39)	2,4,6-Trichlorophenol	6.86	196	31648	52.11	ng	98
40)	2,4,5-Trichlorophenol	6.89	196	34274	51.89	ng	99
42)	2-Chloronaphthalene	7.01	162	91706	51.99	ng	99
43)	1,4-Dimethylnaphthalene	7.27	156	67033	49.94	ng	99
44)	Dimethylnaphthalenes (Tota	7.27	156	67033	49.94	ng	99
45)	Diphenyl Ether	7.08	170	81317	69.78	ng	94
46)	2-Nitroaniline	7.09	65	38404	57.17	ng	96
47)	Acenaphthylene	7.33	152	146074	52.42	ng	100
48)	Dimethylphthalate	7.24	163	102402	50.30	ng	99
49)	2,6-Dinitrotoluene	7.29	165	23812	50.78	ng	91
50)	Acenaphthene	7.48	153	87280	50.64	ng	98
51)	3-Nitroaniline	7.42	138	28565	55.80	ng	92
52)	2,4-Dinitrophenol	7.51	184	15241	52.82	ng	84
53)	Dibenzofuran	7.62	168	130379	51.97	ng	98
54)	2,4-Dinitrotoluene	7.62	165	32756	50.57	ng	95
55)	4-Nitrophenol	7.56	65	21473	52.69	ng	99
56)	2,3,4,6-Tetrachlorophenol	7.73	232	25654	49.51	ng	100
57)	Fluorene	7.92	166	99227	49.09	ng	98
58)	4-Chlorophenyl-phenylether	7.93	204	47883	48.74	ng	100
59)	Diethylphthalate	7.83	149	103220	49.47	ng	99
60)	4-Nitroaniline	7.94	138	30140	50.75	ng	99
62)	4,6-Dinitro-2-methylphenol	7.97	198	21440	48.79	ng	100
63)	n-Nitrosodiphenylamine	8.03	169	74784	47.47	ng	99
65)	1,2-Diphenylhydrazine	8.07	77	113440	50.46	ng	96
66)	4-Bromophenyl-phenylether	8.38	248	27854	47.53	ng	89
67)	Hexachlorobenzene	8.42	284	26456	47.82	ng	96
68)	gamma-BHC	8.67	181	3786	9.35	ng	94
69)	Pentachlorophenol	8.62	266	17136	47.25	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-10-05\5M09912.D Vial: 52
Acq On : 10 Aug 2005 6:55 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:34 2005 Quant Results File: 5M_0722.RES

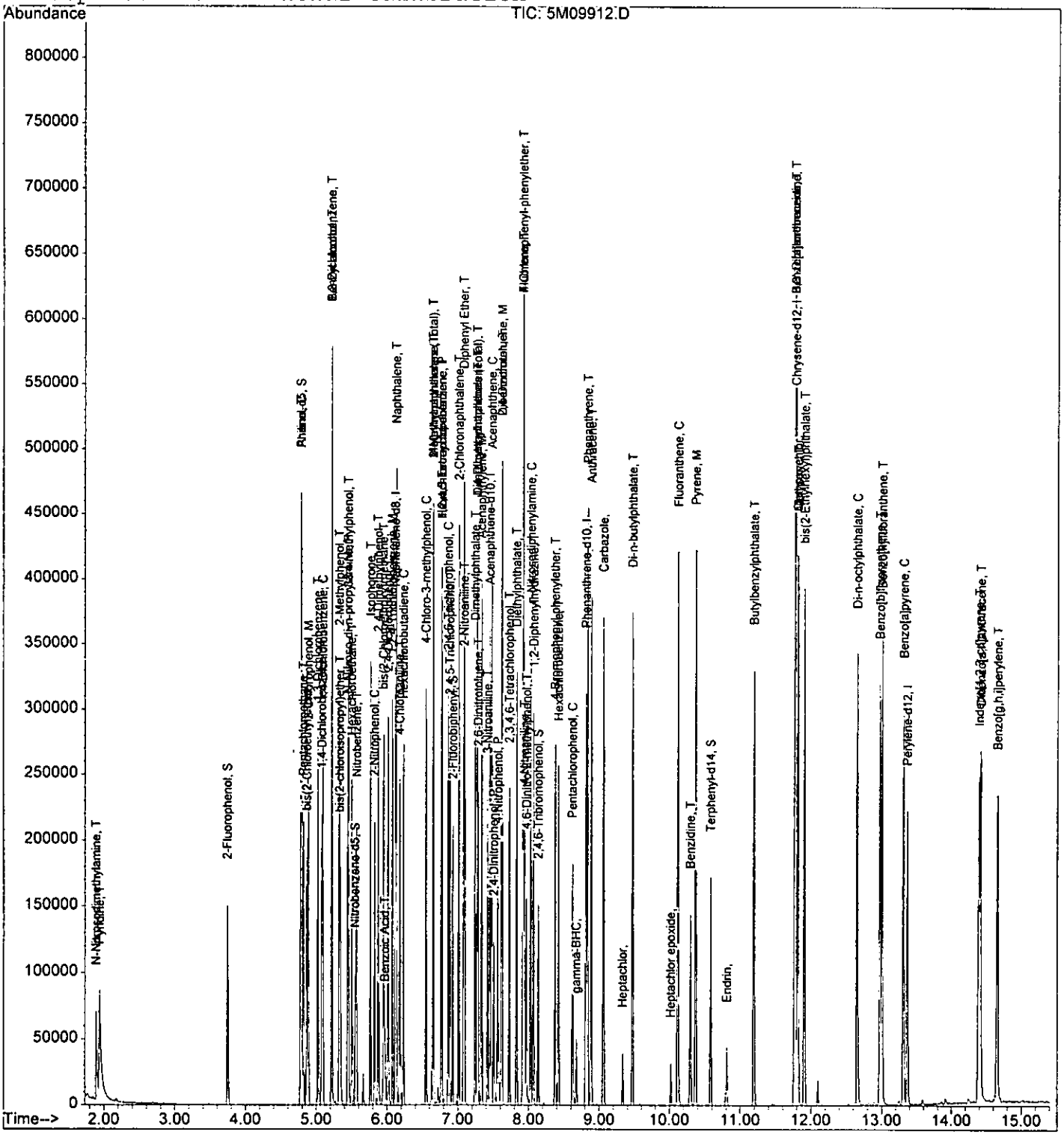
Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Phenanthrene	8.84	178	157131	47.67 ng	98
71)	Anthracene	8.89	178	159373	47.58 ng	99
72)	Carbazole	9.06	167	150516	49.21 ng	99
73)	Heptachlor	9.33	100	4321	10.10 ng	97
74)	Di-n-butylphthalate	9.47	149	187719	50.69 ng	99
75)	Heptachlor epoxide	10.02	81	3028	10.18 ng	89
76)	Fluoranthene	10.12	202	173560	48.30 ng	98
78)	Pyrene	10.37	202	175707	48.85 ng	99
79)	Benzidine	10.30	184	58299	43.90 ng	98
81)	Endrin	10.81	81	1911	10.79 ng	89
82)	Butylbenzylphthalate	11.20	149	85367	53.93 ng	98
83)	Methoxychlor	11.82	227	16606	10.06 ng	99
84)	3,3'-Dichlorobenzidine	11.78	252	53887	52.12 ng	96
85)	Benzo[a]anthracene	11.77	228	161621	48.94 ng	98
86)	Chrysene	11.82	228	152629	50.39 ng	100
87)	bis(2-Ethylhexyl)phthalate	11.91	149	112812	51.57 ng	96
89)	Di-n-octylphthalate	12.65	149	192850	51.71 ng	99
90)	Benzo[b]fluoranthene	12.98	252	134994	50.20 ng	99
91)	Benzo[k]fluoranthene	13.01	252	136538	50.16 ng	96
92)	Benzo[a]pyrene	13.31	252	125545	49.61 ng	98
93)	Indeno[1,2,3-cd]pyrene	14.39	276	137225	50.05 ng	89
94)	Dibenzo[a,h]anthracene	14.41	278	114460	50.30 ng	99
95)	Benzo[g,h,i]perylene	14.65	276	116644	50.87 ng	94

(#) = qualifier out of range (m) = manual integration

Data File : G:\GcMsData\2005\Gcms_5\Data\08-10-05\5M09912.D Vial: 2
Acq On : 10 Aug 2005 6:55 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 7:34 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09950.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/11/05 6:42:00 AM **Method:** 8270

9588

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.07	40.00	40				0.000	0.00	
Pyridine	1	0		1.93	45.85	50			1.668	1.530	8.30	
N-Nitrosodimethylamine	1	0		1.88	43.18	50			1.014	0.876	13.64	
2-Fluorophenol	1	0	S	3.74	51.01	50			1.347	1.374	2.02	
Aniline	1	0		4.78	46.68	50			2.261	2.111	6.64	
Pentachloroethane	1	0		4.81	50.69	50			0.493	0.500	1.38	
bis(2-Chloroethyl)ether	1	0		4.86	47.33	50			1.415	1.340	5.34	
Phenol-d5	1	0	S	4.77	43.69	50			1.970	1.722	12.62	
Phenol	1	0	CC	4.79	49.60	50	20		2.088	2.071	0.80	
2-Chlorophenol	1	0		4.88	45.50	50			1.585	1.442	9.00	
1,3-Dichlorobenzene	1	0		5.02	52.32	50			1.466	1.534	4.64	
1,4-Dichlorobenzene	1	0	CC	5.08	50.14	50	20		1.501	1.505	0.28	
1,2-Dichlorobenzene	1	0		5.21	49.87	50			1.431	1.427	0.26	
Benzyl alcohol	1	0		5.21	47.28	50			1.047	0.990	5.44	
bis(2-chloroisopropyl)ether	1	0		5.34	50.04	50			2.150	2.152	0.08	
2-Methylphenol	1	0		5.32	47.80	50			1.447	1.383	4.40	
Hexachloroethane	1	0		5.50	50.59	50			0.622	0.630	1.18	
N-Nitroso-di-n-propylamine	1	0	CP	5.44	46.91	50	0.05		1.141	1.070	6.18	
3&4-Methylphenol	1	0		5.45	46.04	50			1.538	1.417	7.92	
Naphthalene-d8	1	0	I	6.11	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.55	24.27	25			0.175	0.170	2.92	
Nitrobenzene	1	0		5.56	51.33	50			0.393	0.403	2.66	
Isophorone	1	0		5.76	48.77	50			0.731	0.713	2.46	
2-Nitrophenol	1	0	CC	5.82	49.49	50	20		0.202	0.200	1.02	
2,4-Dimethylphenol	1	0		5.87	47.38	50			0.383	0.363	5.24	
Benzoic Acid	1	0		5.97	41.85	50			0.220	0.184	16.30	
bis(2-Chloroethoxy)methane	1	0		5.94	48.59	50			0.418	0.407	2.82	
2,4-Dichlorophenol	1	0	CC	6.01	47.84	50	20		0.320	0.306	4.32	
1,2,4-Trichlorobenzene	1	0		6.07	50.83	50			0.328	0.333	1.66	
Naphthalene	1	0		6.13	48.93	50			1.048	1.026	2.14	
4-Chloroaniline	1	0		6.18	50.81	50			0.409	0.416	1.62	
Hexachlorobutadiene	1	0	CC	6.23	48.18	50	20		0.181	0.174	3.64	
4-Chloro-3-methylphenol	1	0	CC	6.55	45.90	50	20		0.353	0.324	8.20	
2-Methylnaphthalene	1	0		6.65	49.27	50			0.724	0.713	1.46	
Methylnaphthalenes	1	0		6.65	49.27							
Acenaphthene-d10	1	0	I	7.45	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.77	49.89	50			0.540	0.539	0.22	
Hexachlorocyclopentadiene	1	0	CP	6.76	50.74	50	0.05		0.333	0.338	1.48	
2,4,6-Trichlorophenol	1	0	CC	6.86	47.92	50	20		0.389	0.373	4.16	
2,4,5-Trichlorophenol	1	0		6.89	50.45	50			0.423	0.427	0.90	
2-Fluorobiphenyl	1	0	S	6.92	26.02	25			1.250	1.301	4.08	
2-Chloronaphthalene	1	0		7.01	51.78	50			1.131	1.171	3.56	
1,4-Dimethylnaphthalene	1	0		7.26	49.52	50			0.860	0.852	0.96	
Dimethylnaphthalenes	1	0		7.26	49.52							
Diphenyl Ether	1	0		7.08	65.66	50			0.747	0.981	31.32	
2-Nitroaniline	1	0		7.09	52.21	50			0.431	0.450	4.42	
Acenaphthylene	1	0		7.33	50.13	50			1.786	1.791	0.26	
Dimethylphthalate	1	0		7.24	48.46	50			1.305	1.265	3.08	
2,6-Dinitrotoluene	1	0		7.29	48.72	50			0.301	0.293	2.56	
Acenaphthene	1	0	CC	7.47	50.09	50	20		1.105	1.107	0.18	
3-Nitroaniline	1	0		7.41	54.16	50			0.328	0.355	8.32	
2,4-Dinitrophenol	1	0	CP	7.50	53.15	50	0.05		0.185	0.197	6.30	
Dibenzofuran	1	0		7.62	50.60	50			1.608	1.628	1.20	
2,4-Dinitrotoluene	1	0		7.61	48.77	50			0.415	0.405	2.46	
4-Nitrophenol	1	0	CP	7.56	52.97	50	0.05		0.261	0.277	5.94	
2,3,4,6-Tetrachlorophenol	1	0		7.72	49.44	50			0.332	0.328	1.12	
Fluorene	1	0		7.92	49.83	50			1.296	1.291	0.34	
4-Chlorophenyl-phenylether	1	0		7.92	49.28	50			0.630	0.621	1.44	
Diethylphthalate	1	0		7.83	48.13	50			1.338	1.287	3.74	
4-Nitroaniline	1	0		7.94	48.84	50			0.381	0.372	2.32	
Phenanthrene-d10	1	0	I	8.81	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.96	53.57	50			0.154	0.165	7.14	
n-Nitrosodiphenylamine	1	0	CC	8.03	51.75	50	20		0.551	0.571	3.50	
2,4,6-Tribromophenol	1	0	S	8.14	50.39	50			0.086	0.086	0.78	
1,2-Diphenylhydrazine	1	0		8.06	52.62	50			0.787	0.828	5.24	
4-Bromophenyl-phenylether	1	0		8.38	51.57	50			0.205	0.212	3.14	
Hexachlorobenzene	1	0		8.42	51.06	50			0.194	0.198	2.12	
gamma-BHC	1	0		8.67	9.45	10			0.142	0.134	5.50	
Pentachlorophenol	1	0	CC	8.62	51.94	50	20		0.127	0.132	3.88	
Phenanthrene	1	0		8.83	49.65	50			1.154	1.145	0.70	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09950.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/11/05 6:42:00 AM **Method:** 8270

0857

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.88	48.51	50			1.172	1.137	2.98	
Carbazole	1	0		9.06	50.89	50			1.070	1.089	1.78	
Heptachlor	1	0		9.33	9.94	10			0.150	0.149	0.60	
Di-n-butylphthalate	1	0		9.47	51.45	50			1.296	1.334	2.90	
Heptachlor epoxide	1	0		10.01	10.27	10			0.104	0.107	2.70	
Fluoranthene	1	0	CC	10.11	50.36	50	20		1.258	1.267	0.72	
Chrysene-d12	1	0	I	11.78	40.00	40				0.000	0.00	
Pyrene	1	0		10.36	51.49	50			1.602	1.650	2.98	
Benzidine	1	0		10.29	37.05	50			0.592	0.438	25.90	
Terphenyl-d14	1	0	S	10.58	26.28	25			0.945	0.993	5.12	
Endrin	1	0		10.81	9.83	10			0.079	0.078	1.70	
Butylbenzylphthalate	1	0		11.19	50.46	50			0.705	0.712	0.92	
Methoxychlor	1	0		11.81	10.13	10			0.735	0.745	1.30	
3,3'-Dichlorobenzidine	1	0		11.77	55.38	50			0.460	0.510	10.76	
Benzo[a]anthracene	1	0		11.77	48.68	50			1.471	1.432	2.64	
Chrysene	1	0		11.81	50.31	50			1.349	1.357	0.62	
bis(2-Ethylhexyl)phthalate	1	0		11.90	51.20	50			0.974	0.998	2.40	
Perylene-d12	1	0	I	13.37	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.65	49.52	50	20		2.190	2.169	0.96	
Benzo[b]fluoranthene	1	0		12.98	49.61	50			1.579	1.567	0.78	
Benzo[k]fluoranthene	1	0		13.00	48.63	50			1.599	1.555	2.74	
Benzo[a]pyrene	1	0	CC	13.31	48.20	50	20		1.486	1.433	3.60	
Indeno[1,2,3-cd]pyrene	1	0		14.39	50.01	50			1.610	1.610	0.02	
Dibenzo[a,h]anthracene	1	0		14.41	49.82	50			1.336	1.332	0.36	
Benzo[g,h,i]perylene	1	0		14.65	50.88	50			1.347	1.370	1.76	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09950.D Vial: 5988
Acq On : 11 Aug 2005 6:42 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 7:15 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.07	152	22663	40.00	ng	-0.18
20) Naphthalene-d8	6.11	136	88400	40.00	ng	-0.17
36) Acenaphthene-d10	7.45	164	51119	40.00	ng	-0.19
61) Phenanthrene-d10	8.81	188	88158	40.00	ng	-0.22
77) Chrysene-d12	11.78	240	72987	40.00	ng	-0.25
88) Perylene-d12	13.37	264	57196	40.00	ng	-0.25
System Monitoring Compounds						
4) 2-Fluorophenol	3.74	112	38936	51.01	ng	-0.22
Spiked Amount 200.000			Recovery = 25.51%			
8) Phenol-d5	4.77	99	48768	43.69	ng	-0.18
Spiked Amount 200.000			Recovery = 21.85%			
21) Nitrobenzene-d5	5.55	128	9393	24.27	ng	-0.17
Spiked Amount 100.000			Recovery = 24.27%			
41) 2-Fluorobiphenyl	6.92	172	41574	26.02	ng	-0.17
Spiked Amount 100.000			Recovery = 26.02%			
64) 2,4,6-Tribromophenol	8.14	330	9508	50.39	ng	-0.21
Spiked Amount 200.000			Recovery = 25.20%			
80) Terphenyl-d14	10.58	244	45306	26.28	ng	-0.23
Spiked Amount 100.000			Recovery = 26.28%			
Target Compounds						Qvalue
2) Pyridine	1.93	79	43332	45.85	ng	95
3) N-Nitrosodimethylamine	1.88	74	24820	43.18	ng	93
5) Aniline	4.78	93	59806	46.68	ng	90
6) Pentachloroethane	4.81	117	14164	50.69	ng	98
7) bis(2-Chloroethyl)ether	4.86	93	37957	47.33	ng	98
9) Phenol	4.79	94	58679	49.60	ng	83
10) 2-Chlorophenol	4.88	128	40851	45.50	ng	96
11) 1,3-Dichlorobenzene	5.02	146	43466	52.32	ng	100
12) 1,4-Dichlorobenzene	5.08	146	42632	50.14	ng	99
13) 1,2-Dichlorobenzene	5.21	146	40422	49.87	ng	95
14) Benzyl alcohol	5.21	108	28034	47.28	ng	95
15) bis(2-chloroisopropyl)ethe	5.34	45	60955	50.04	ng	99
16) 2-Methylphenol	5.32	108	39188	47.80	ng	99
17) Hexachloroethane	5.50	117	17841	50.59	ng	94
18) N-Nitroso-di-n-propylamine	5.44	70	30322	46.91	ng	99
19) 3&4-Methylphenol	5.45	108	40130	46.04	ng	98
22) Nitrobenzene	5.56	77	44566	51.33	ng	97
23) Isophorone	5.76	82	78815	48.77	ng	97
24) 2-Nitrophenol	5.82	139	22051	49.49	ng	94

(#) = qualifier out of range (m) = manual integration

1818

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09950.D Vial: 59
Acq On : 11 Aug 2005 6:42 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 7:15 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	2,4-Dimethylphenol	5.87	107	40154	47.38 ng	99
26)	Benzoic Acid	5.97	105	20363	41.85 ng	99
27)	bis(2-Chloroethoxy)methane	5.94	93	44930	48.59 ng	99
28)	2,4-Dichlorophenol	6.01	162	33807	47.84 ng	96
29)	1,2,4-Trichlorobenzene	6.07	180	36830	50.83 ng	98
30)	Naphthalene	6.13	128	113345	48.93 ng	100
31)	4-Chloroaniline	6.18	127	45953	50.81 ng	97
32)	Hexachlorobutadiene	6.23	225	19248	48.18 ng	98
33)	4-Chloro-3-methylphenol	6.55	107	35822	45.90 ng	90
34)	2-Methylnaphthalene	6.65	142	78836	49.27 ng	98
35)	Methylnaphthalenes (Total)	6.65	142	78836	49.27 ng	98
37)	1,2,4,5-Tetrachlorobenzene	6.77	216	34442	49.89 ng	97
38)	Hexachlorocyclopentadiene	6.76	237	21575	50.74 ng	98
39)	2,4,6-Trichlorophenol	6.86	196	23843	47.92 ng	99
40)	2,4,5-Trichlorophenol	6.89	196	27299	50.45 ng	98
42)	2-Chloronaphthalene	7.01	162	74828	51.78 ng	98
43)	1,4-Dimethylnaphthalene	7.26	156	54454	49.52 ng	98
44)	Dimethylnaphthalenes (Tota	7.26	156	54454	49.52 ng	98
45)	Diphenyl Ether	7.08	170	62689	65.66 ng	96
46)	2-Nitroaniline	7.09	65	28733	52.21 ng	97
47)	Acenaphthylene	7.33	152	114426	50.13 ng	99
48)	Dimethylphthalate	7.24	163	80828	48.46 ng	99
49)	2,6-Dinitrotoluene	7.29	165	18716	48.72 ng	91
50)	Acenaphthene	7.47	153	70724	50.09 ng	99
51)	3-Nitroaniline	7.41	138	22715	54.16 ng	92
52)	2,4-Dinitrophenol	7.50	184	12564	53.15 ng	87
53)	Dibenzofuran	7.62	168	103999	50.60 ng	99
54)	2,4-Dinitrotoluene	7.61	165	25881	48.77 ng	96
55)	4-Nitrophenol	7.56	65	17684	52.97 ng	91
56)	2,3,4,6-Tetrachlorophenol	7.72	232	20988	49.44 ng	98
57)	Fluorene	7.92	166	82504	49.83 ng	96
58)	4-Chlorophenyl-phenylether	7.92	204	39666	49.28 ng	99
59)	Diethylphthalate	7.83	149	82268	48.13 ng	99
60)	4-Nitroaniline	7.94	138	23762	48.84 ng	99
62)	4,6-Dinitro-2-methylphenol	7.96	198	18157	53.57 ng	100
63)	n-Nitrosodiphenylamine	8.03	169	62890	51.75 ng	98
65)	1,2-Diphenylhydrazine	8.06	77	91263	52.62 ng	98
66)	4-Bromophenyl-phenylether	8.38	248	23311	51.57 ng	99
67)	Hexachlorobenzene	8.42	284	21792	51.06 ng	86
68)	gamma-BHC	8.67	181	2951	9.45 ng	94
69)	Pentachlorophenol	8.62	266	14531	51.94 ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09950.D Vial: 58
Acq On : 11 Aug 2005 6:42 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 7:15 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

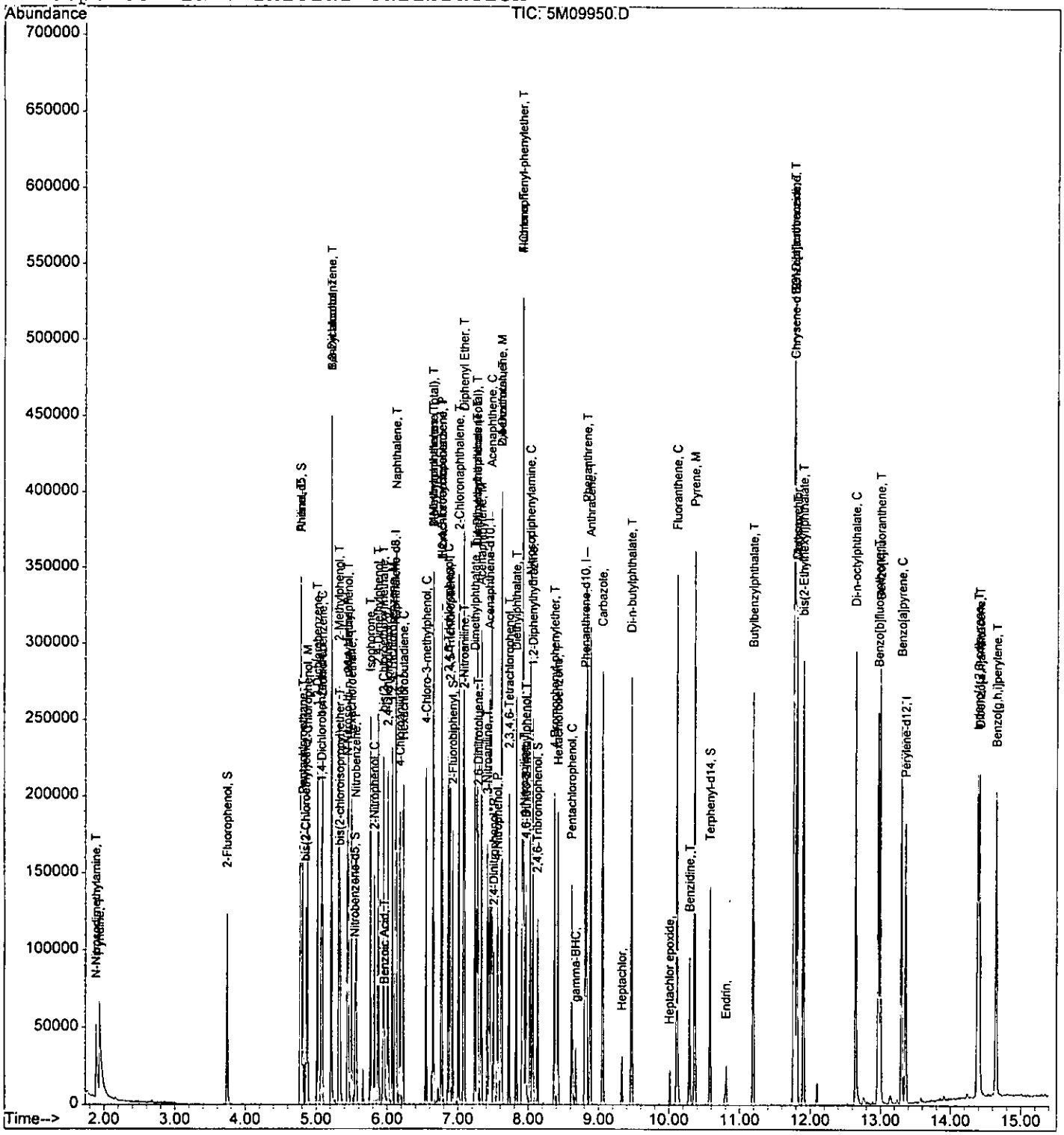
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Phenanthrene	8.83	178	126228	49.65 ng	98
71)	Anthracene	8.88	178	125346	48.51 ng	98
72)	Carbazole	9.06	167	120059	50.89 ng	100
73)	Heptachlor	9.33	100	3280	9.94 ng	92
74)	Di-n-butylphthalate	9.47	149	146978	51.45 ng	100
75)	Heptachlor epoxide	10.01	81	2355	10.27 ng	87
76)	Fluoranthene	10.11	202	139596	50.36 ng	98
78)	Pyrene	10.36	202	150517	51.49 ng	99
79)	Benzidine	10.29	184	39988	37.05 ng	99
81)	Endrin	10.81	81	1415	9.83 ng	92
82)	Butylbenzylphthalate	11.19	149	64914	50.46 ng	98
83)	Methoxychlor	11.81	227	13593	10.13 ng	98
84)	3,3'-Dichlorobenzidine	11.77	252	46534	55.38 ng	97
85)	Benzo[a]anthracene	11.77	228	130648	48.68 ng	98
86)	Chrysene	11.81	228	123830	50.31 ng	99
87)	bis(2-Ethylhexyl)phthalate	11.90	149	91021	51.20 ng	96
89)	Di-n-octylphthalate	12.65	149	155093	49.52 ng	98
90)	Benzo[b]fluoranthene	12.98	252	112039	49.61 ng	97
91)	Benzo[k]fluoranthene	13.00	252	111156	48.63 ng	98
92)	Benzo[a]pyrene	13.31	252	102428	48.20 ng	99
93)	Indeno[1,2,3-cd]pyrene	14.39	276	115142	50.01 ng	89
94)	Dibenzo[a,h]anthracene	14.41	278	95203	49.82 ng	98
95)	Benzo[g,h,i]perylene	14.65	276	97983	50.88 ng	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09950.D Vial: 19
Acq On : 11 Aug 2005 6:42 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 7:15 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09384.D
Instrument: GCMS_5 **Analysis Date:** 07/22/05 08:08

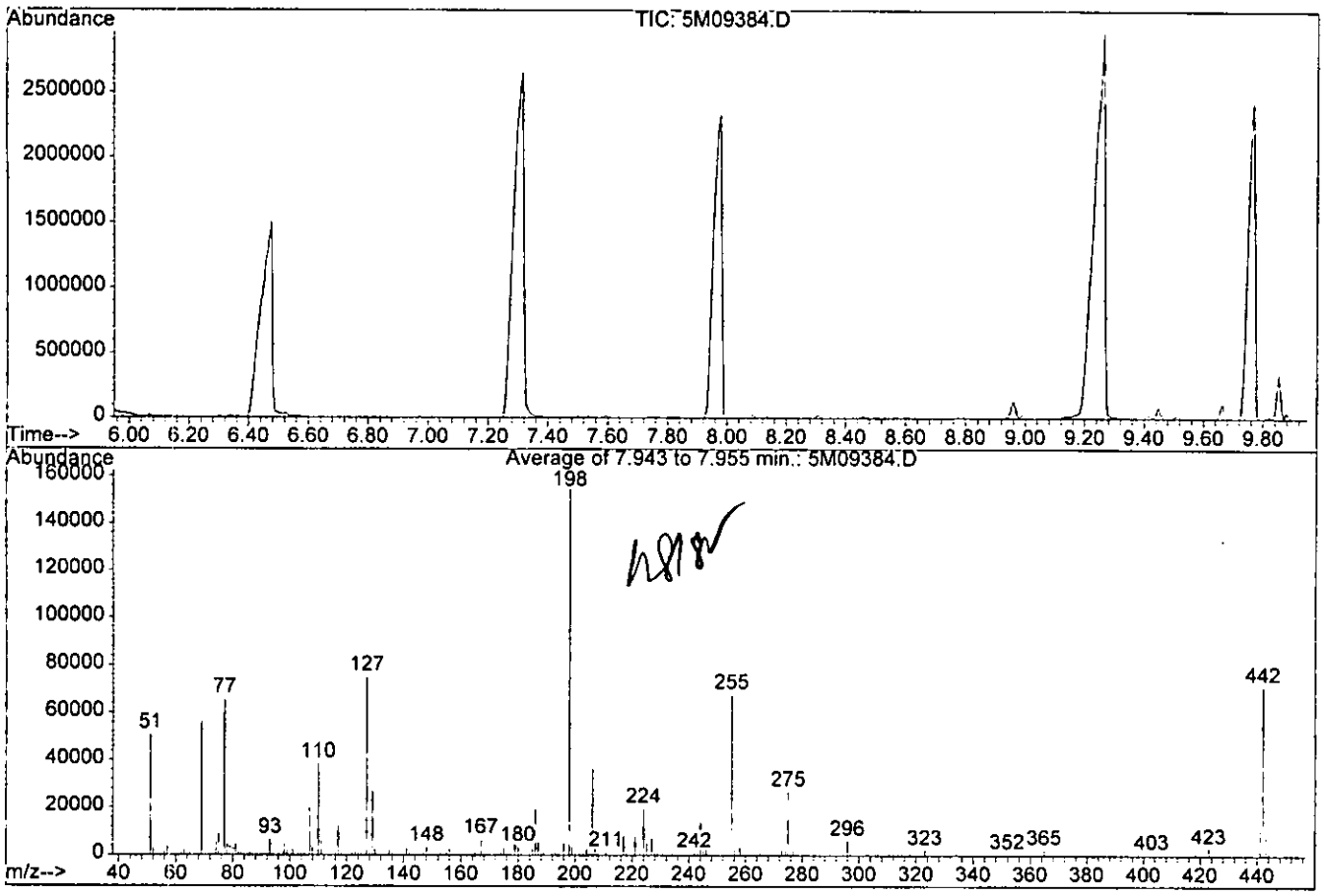
Tune Scan/Time Range: Average of 7.943 to 7.955 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.8	50680	PASS
68	69	0.00	2	0.4	237	PASS
69	198	0.00	100	37.6	58061	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	74997	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	154539	PASS
199	198	5	9	6.9	10733	PASS
275	198	10	30	17.4	26872	PASS
365	198	1	100	1.5	2276	PASS
441	443	0.01	100	76.5	10892	PASS
442	198	40	100	46.1	71181	PASS
443	442	17	23	20.0	14247	PASS

Data File	Sample Number	Analysis Date:
5M09385.D	CAL BNA@50PPM	07/22/05 08:30
5M09386.D	CAL BNA@10PPM	07/22/05 08:53
5M09387.D	CAL BNA@25PPM	07/22/05 09:16
5M09388.D	CAL BNA@80PPM	07/22/05 09:39
5M09389.D	CAL BNA@120PP	07/22/05 10:01
5M09390.D	CAL BNA@160PP	07/22/05 10:24
5M09391.D	CAL BNA@200PP	07/22/05 10:47
5M09392.D	AC18716-003	07/22/05 11:29
5M09393.D	AC18623-013(R)	07/22/05 11:52
5M09394.D	AC18669-004(T)	07/22/05 12:15
5M09395.D	WMB2620	07/22/05 12:38
5M09396.D	AC18716-001	07/22/05 13:00
5M09397.D	AC18716-002	07/22/05 13:23
5M09398.D	WMB2620(MS)	07/22/05 13:46
5M09399.D	AC18623-007(R)	07/22/05 14:09
5M09400.D	WMB2621	07/22/05 14:32
5M09401.D	WMB2621(MS)	07/22/05 14:55
5M09402.D	AC18667-001	07/22/05 15:18
5M09403.D	AC18667-001(MS)	07/22/05 15:41
5M09404.D	AC18667-001(MS	07/22/05 16:04
5M09405.D	SMB2594	07/22/05 16:27
5M09406.D	SMB2594(MS)	07/22/05 16:50
5M09407.D	AC18689-002	07/22/05 17:13
5M09408.D	AC18689-002(MS)	07/22/05 17:36
5M09409.D	AC18689-002(MS	07/22/05 17:59
5M09410.D	AC18689-007	07/22/05 18:22
5M09411.D	AC18475-001(T)	07/22/05 18:46
5M09412.D	EF2V4993	07/22/05 19:09
5M09413.D	AC18681-001(5X)	07/22/05 19:31
5M09414.D	AC18657-001	07/22/05 19:54
5M09415.D	AC18666-001	07/22/05 20:17
5M09416.D	AC18691-001	07/22/05 20:40
5M09417.D	AC18698-005	07/22/05 21:03
5M09418.D	AC18661-001(R)	07/22/05 21:26
5M09419.D	AC18711-001	07/22/05 21:49

DFTPP

Data File : G:\GcMsData\2005\Gcms_5\Data\07-2205\5M09384.D Vial: 11
Acq On : 22 Jul 2005 8:08 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0711.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.943 to 7.955 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.8	50680	PASS
68	69	0.00	2	0.4	237	PASS
69	198	0.00	100	37.6	58061	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	74997	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	154539	PASS
199	198	5	9	6.9	10733	PASS
275	198	10	30	17.4	26872	PASS
365	198	1	100	1.5	2276	PASS
441	443	0.01	100	76.5	10892	PASS
442	198	40	100	46.1	71181	PASS
443	442	17	23	20.0	14247	PASS

5M09384.D 5M_0711.M Thu Aug 18 16:54:13 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05297.D
Instrument: GCMS_4 **Analysis Date:** 08/03/05 08:09

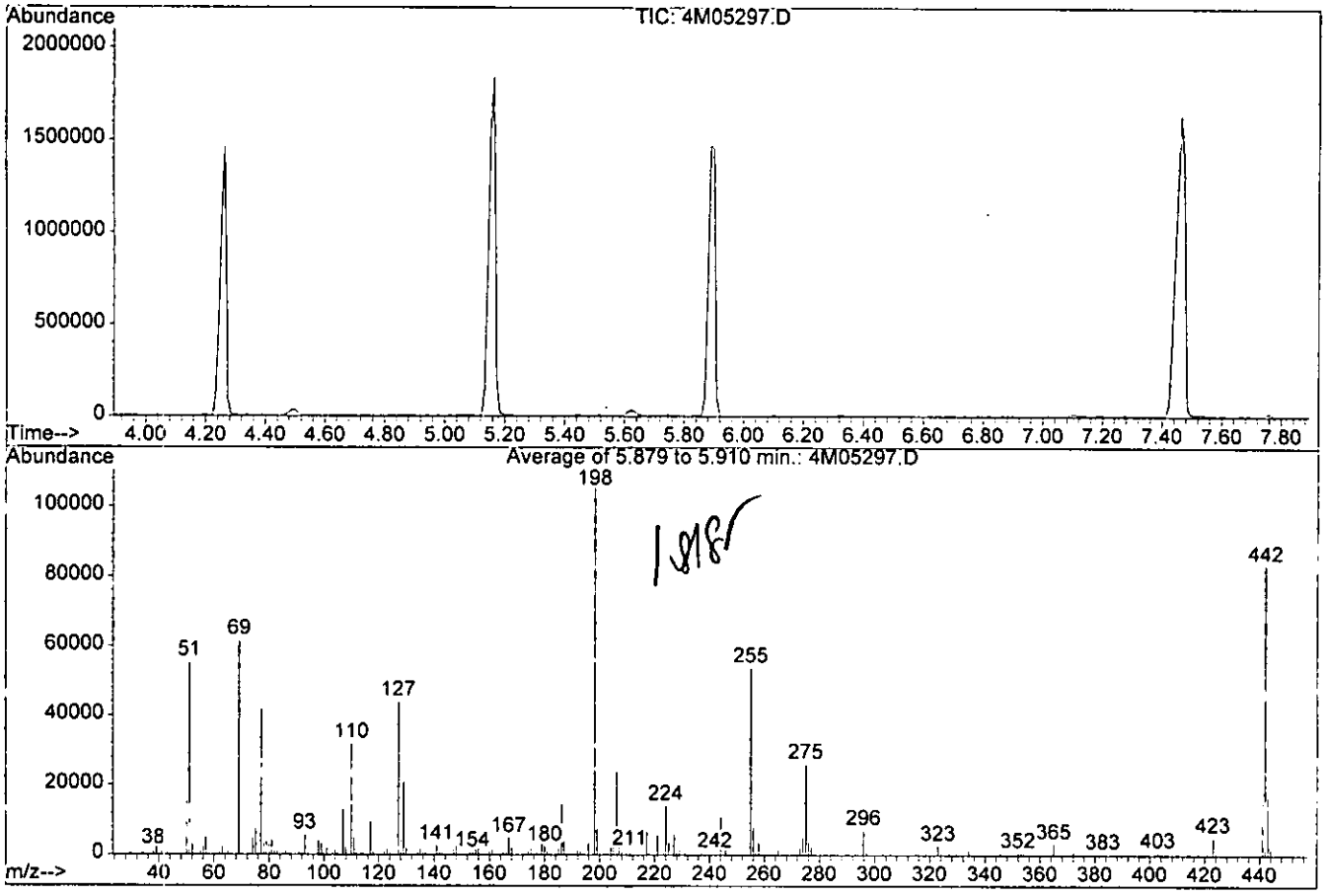
Tune Scan/Time Range: Average of 5.879 to 5.910 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.6	55404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.5	61615	PASS
70	69	0.00	2	0.5	338	PASS
127	198	40	60	41.7	43931	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	105386	PASS
199	198	5	9	7.3	7679	PASS
275	198	10	30	24.7	26080	PASS
365	198	1	100	3.0	3133	PASS
441	443	0.01	100	91.8	15388	PASS
442	198	40	100	79.0	83290	PASS
443	442	17	23	20.1	16769	PASS

Data File	Sample Number	Analysis Date:
4M05299.D	CAL BNA@50PPM	08/03/05 08:52
4M05300.D	CAL BNA@10PPM	08/03/05 09:19
4M05301.D	CAL BNA@25PPM	08/03/05 09:43
4M05302.D	CAL BNA@80PPM	08/03/05 10:07
4M05303.D	CAL BNA@120PP	08/03/05 10:31
4M05304.D	CAL BNA@160PP	08/03/05 10:55
4M05305.D	CAL BNA@200PP	08/03/05 11:19
4M05306.D	SMB2606	08/03/05 11:43
4M05307.D	AC18819-004	08/03/05 12:06
4M05308.D	AC18819-006	08/03/05 12:30
4M05309.D	AC18819-012	08/03/05 12:54
4M05310.D	AC18819-018	08/03/05 13:18
4M05311.D	SMB2606	08/03/05 13:42
4M05312.D	SMB2605(MS)	08/03/05 14:06
4M05313.D	AC18819-008(MS)	08/03/05 14:30
4M05314.D	AC18819-008(MS	08/03/05 14:54
4M05315.D	AC18802-004	08/03/05 15:18
4M05316.D	AC18802-006	08/03/05 15:41
4M05317.D	AC18853-002	08/03/05 16:05
4M05318.D	AC18853-003	08/03/05 16:29
4M05319.D	AC18853-004	08/03/05 16:53
4M05320.D	AC18808-001	08/03/05 17:17
4M05321.D	AC18802-002	08/03/05 17:42
4M05322.D	AC18802-005	08/03/05 18:06
4M05323.D	AC18852-001	08/03/05 18:30
4M05324.D	AC18853-001	08/03/05 18:54
4M05325.D	AC18847-001	08/03/05 19:18
4M05326.D	AC18802-001	08/03/05 19:42
4M05327.D	AC18786-013	08/03/05 20:06
4M05328.D	AC18786-014	08/03/05 20:30
4M05329.D	AC18796-007	08/03/05 20:54

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05297.D Vial: 1
Acq On : 3 Aug 2005 8:09 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 5.879 to 5.910 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.6	55404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.5	61615	PASS
70	69	0.00	2	0.5	338	PASS
127	198	40	60	41.7	43931	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	105386	PASS
199	198	5	9	7.3	7679	PASS
275	198	10	30	24.7	26080	PASS
365	198	1	100	3.0	3133	PASS
441	443	0.01	100	91.8	15388	PASS
442	198	40	100	79.0	83290	PASS
443	442	17	23	20.1	16769	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09826.D
Instrument: GCMS_5 **Analysis Date:** 08/08/05 06:23

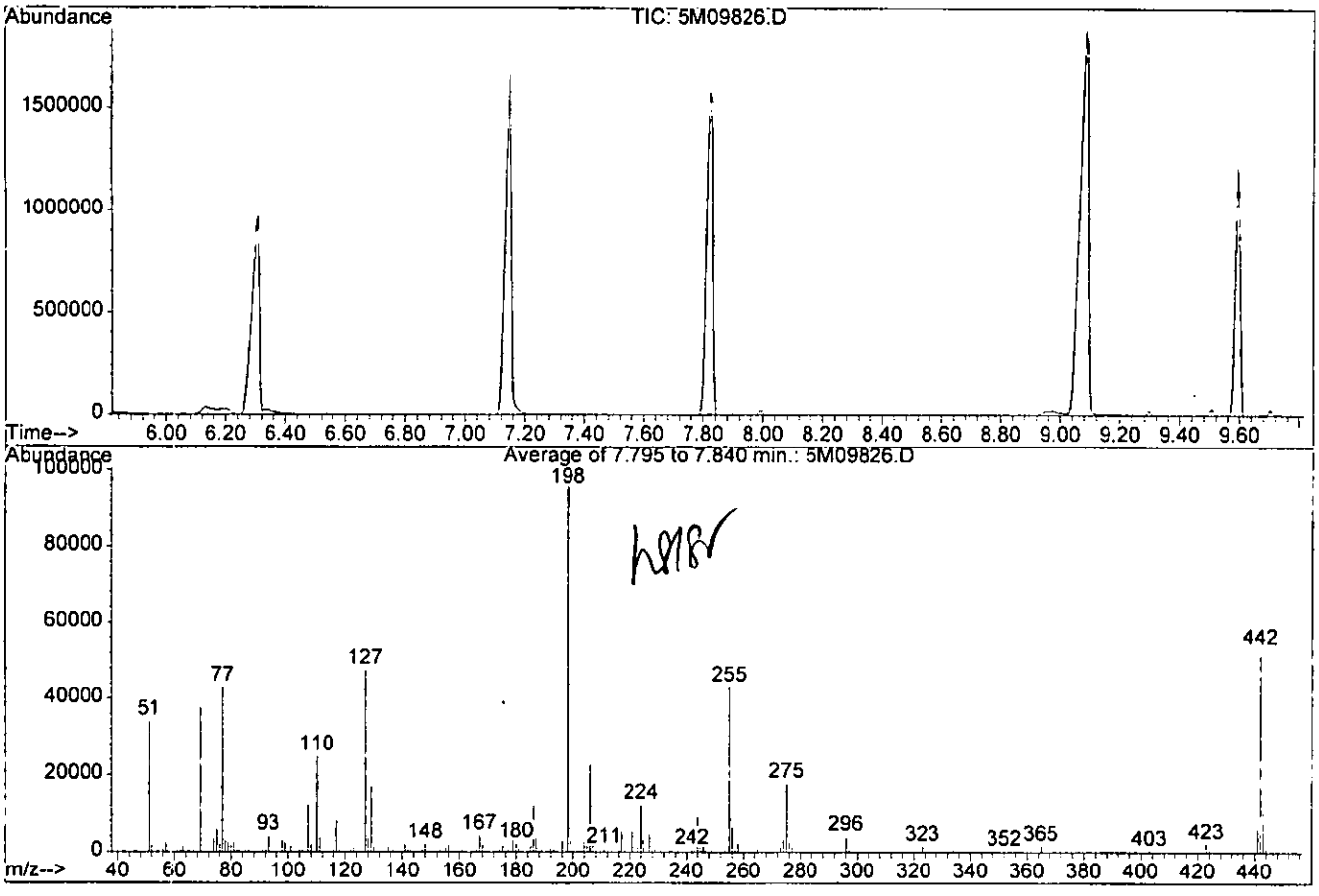
Tune Scan/Time Range: Average of 7.795 to 7.840 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	35.5	34016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.2	37569	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.6	47553	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	95784	PASS
199	198	5	9	6.7	6464	PASS
275	198	10	30	18.7	17881	PASS
365	198	1	100	1.6	1555	PASS
441	443	0.01	100	78.8	8053	PASS
442	198	40	100	55.5	53126	PASS
443	442	17	23	19.2	10216	PASS

Data File	Sample Number	Analysis Date:
5M09827.D	CAL BNA@50PPM	08/08/05 06:40
5M09828.D	WMB2633	08/08/05 07:15
5M09829.D	WMB2634	08/08/05 07:36
5M09830.D	SMB2613	08/08/05 07:58
5M09831.D	SMB2613(MS)	08/08/05 08:19
5M09832.D	AC18807-021	08/08/05 08:41
5M09833.D	AC18807-021(MS)	08/08/05 09:02
5M09834.D	AC18807-021(MS	08/08/05 09:24
5M09835.D	WMB2634(MS)	08/08/05 09:46
5M09836.D	AC18892-001	08/08/05 10:07
5M09837.D	AC18892-001(MS)	08/08/05 10:29
5M09838.D	AC18892-001(MS	08/08/05 10:51
5M09839.D	AC18778-017	08/08/05 11:12
5M09840.D	AC18807-001	08/08/05 11:34
5M09841.D	AC18888-001	08/08/05 11:56
5M09842.D	AC18892-002	08/08/05 12:17
5M09843.D	AC18892-003	08/08/05 12:39
5M09844.D	AC18873-014	08/08/05 13:01
5M09845.D	AC18778-022	08/08/05 13:23
5M09846.D	AC18778-023	08/08/05 13:44
5M09847.D	AC18807-024	08/08/05 14:06
5M09848.D	AC18807-025	08/08/05 14:28
5M09849.D	AC18807-017	08/08/05 14:50
5M09850.D	AC18807-018	08/08/05 15:11
5M09851.D	AC18807-020	08/08/05 15:33
5M09852.D	AC18778-018	08/08/05 15:55
5M09853.D	AC18884-004	08/08/05 16:16
5M09854.D	SMB2614	08/08/05 16:38
5M09855.D	AC18873-017	08/08/05 17:00
5M09856.D	AC18830-001	08/08/05 17:21
5M09857.D	AC18845-002	08/08/05 17:43
5M09858.D	AC18939-001	08/08/05 18:04
5M09859.D	AC18845-004	08/08/05 18:26
5M09860.D	AC18882-001	08/08/05 18:47
5M09861.D	AC18882-002	08/08/05 19:09
5M09862.D	AC18884-001	08/08/05 19:30
5M09863.D	AC18884-002	08/08/05 19:51
5M09864.D	AC18884-003	08/08/05 20:13
5M09865.D	AC18866-001	08/08/05 20:34
5M09866.D	AC18866-002	08/08/05 20:55
5M09867.D	CH2CL2(#1)	08/08/05 21:17
5M09868.D	CH2CL2(#2)	08/08/05 21:38

DFTPP

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09826.D Vial: 11
Acq On : 8 Aug 2005 6:23 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.795 to 7.840 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	35.5	34016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.2	37569	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.6	47553	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	95784	PASS
199	198	5	9	6.7	6464	PASS
275	198	10	30	18.7	17881	PASS
365	198	1	100	1.6	1555	PASS
441	443	0.01	100	78.8	8053	PASS
442	198	40	100	55.5	53126	PASS
443	442	17	23	19.2	10216	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05425.D
Instrument: GCMS_4 **Analysis Date:** 08/08/05 06:40

Tune Scan/Time Range: Average of 5.801 to 5.862 min

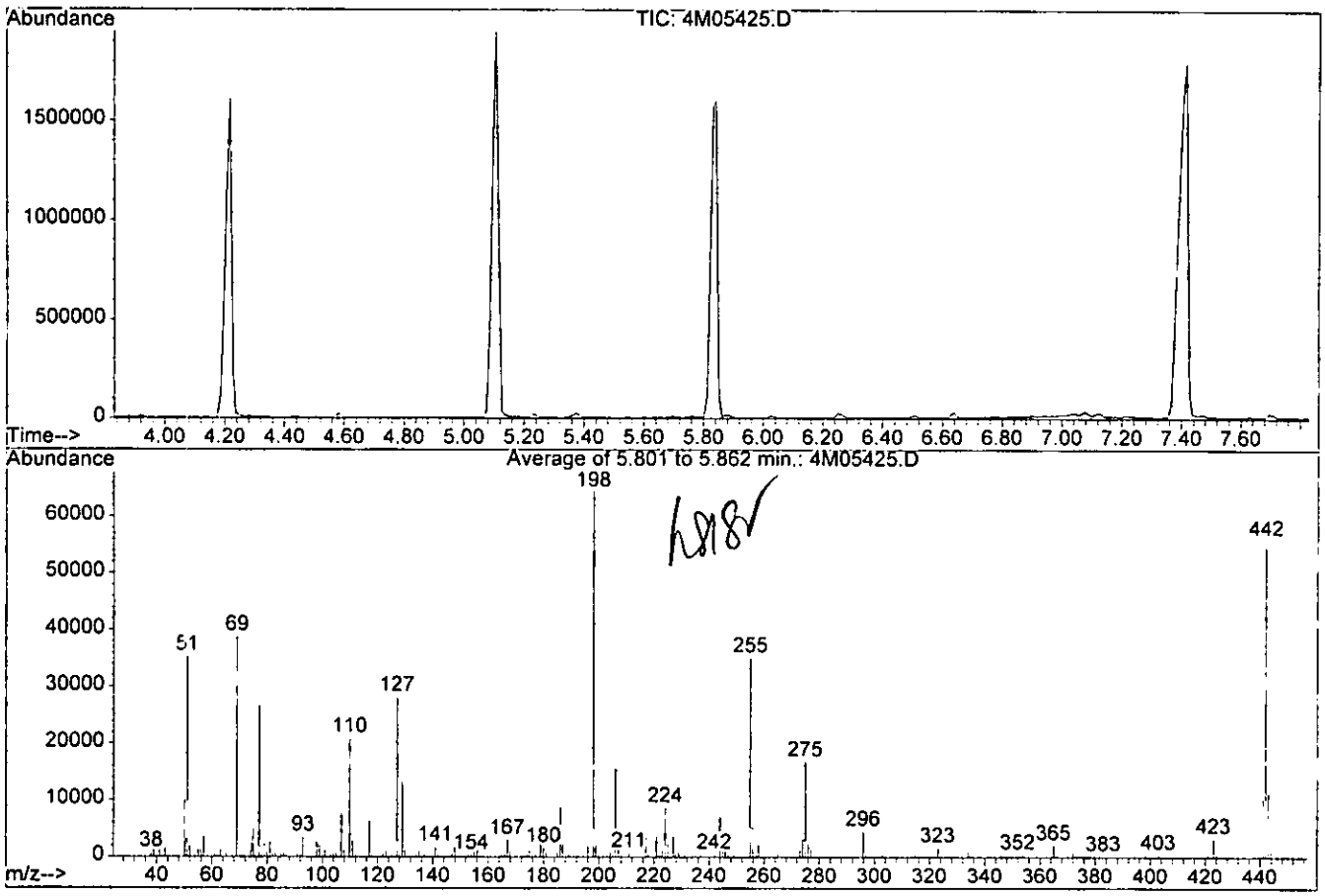
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	54.5	35295	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.9	38787	PASS
70	69	0.00	2	0.3	119	PASS
127	198	40	60	43.5	28152	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	64745	PASS
199	198	5	9	7.6	4939	PASS
275	198	10	30	25.9	16788	PASS
365	198	1	100	3.2	2063	PASS
441	443	0.01	100	91.4	10260	PASS
442	198	40	100	86.4	55931	PASS
443	442	17	23	20.1	11227	PASS

Data File	Sample Number	Analysis Date:
4M05426.D	CAL BNA@50PPM	08/08/05 06:59
4M05427.D	SMB2613(MS)	08/08/05 07:22
4M05428.D	SMB2613	08/08/05 07:49
4M05429.D	AC18920-001	08/08/05 08:13
4M05430.D	AC18920-002	08/08/05 08:36
4M05431.D	AC18920-003	08/08/05 09:00
4M05432.D	AC18778-024	08/08/05 09:24
4M05433.D	AC18807-019	08/08/05 09:48
4M05434.D	AC18820-001	08/08/05 10:12
4M05435.D	AC18807-023(5X)	08/08/05 10:36
4M05436.D	AC18820-003(5X)	08/08/05 11:00
4M05437.D	AC18820-004(5X)	08/08/05 11:24
4M05438.D	AC18820-002(3X)	08/08/05 11:47
4M05439.D	AC18806-001(20X)	08/08/05 12:11
4M05440.D	AC18778-021	08/08/05 12:35
4M05441.D	AC18807-015	08/08/05 12:59
4M05442.D	AC18807-016	08/08/05 13:23
4M05443.D	AC18778-004(5X)	08/08/05 13:47
4M05444.D	AC18778-016(5X)	08/08/05 14:11
4M05445.D	AC18778-019(5X)	08/08/05 14:35
4M05446.D	AC18778-013	08/08/05 14:59
4M05447.D	AC18778-001	08/08/05 15:23
4M05448.D	AC18778-007	08/08/05 15:47
4M05449.D	AC18807-022	08/08/05 16:11
4M05450.D	AC18820-003	08/08/05 16:35
4M05451.D	AC18820-004	08/08/05 16:59
4M05452.D	AC18820-002	08/08/05 17:22
4M05453.D	AC18806-001(10X)	08/08/05 17:46
4M05454.D	AC18873-016	08/08/05 18:10
4M05455.D	TEST	08/08/05 18:34
4M05456.D	TEST	08/08/05 18:58
4M05457.D	TEST	08/08/05 19:22
4M05458.D	TEST	08/08/05 19:45
4M05459.D	TEST	08/08/05 20:09
4M05460.D	TEST	08/08/05 20:33

DFTPP

0878

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05425.D Vial: 1
Acq On : 8 Aug 2005 6:40 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 5.801 to 5.862 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	54.5	35295	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.9	38787	PASS
70	69	0.00	2	0.3	119	PASS
127	198	40	60	43.5	28152	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	64745	PASS
199	198	5	9	7.6	4939	PASS
275	198	10	30	25.9	16788	PASS
365	198	1	100	3.2	2063	PASS
441	443	0.01	100	91.4	10260	PASS
442	198	40	100	86.4	55931	PASS
443	442	17	23	20.1	11227	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 6M03616.D
Instrument: gcms_6 **Analysis Date:** 08/09/05 09:41

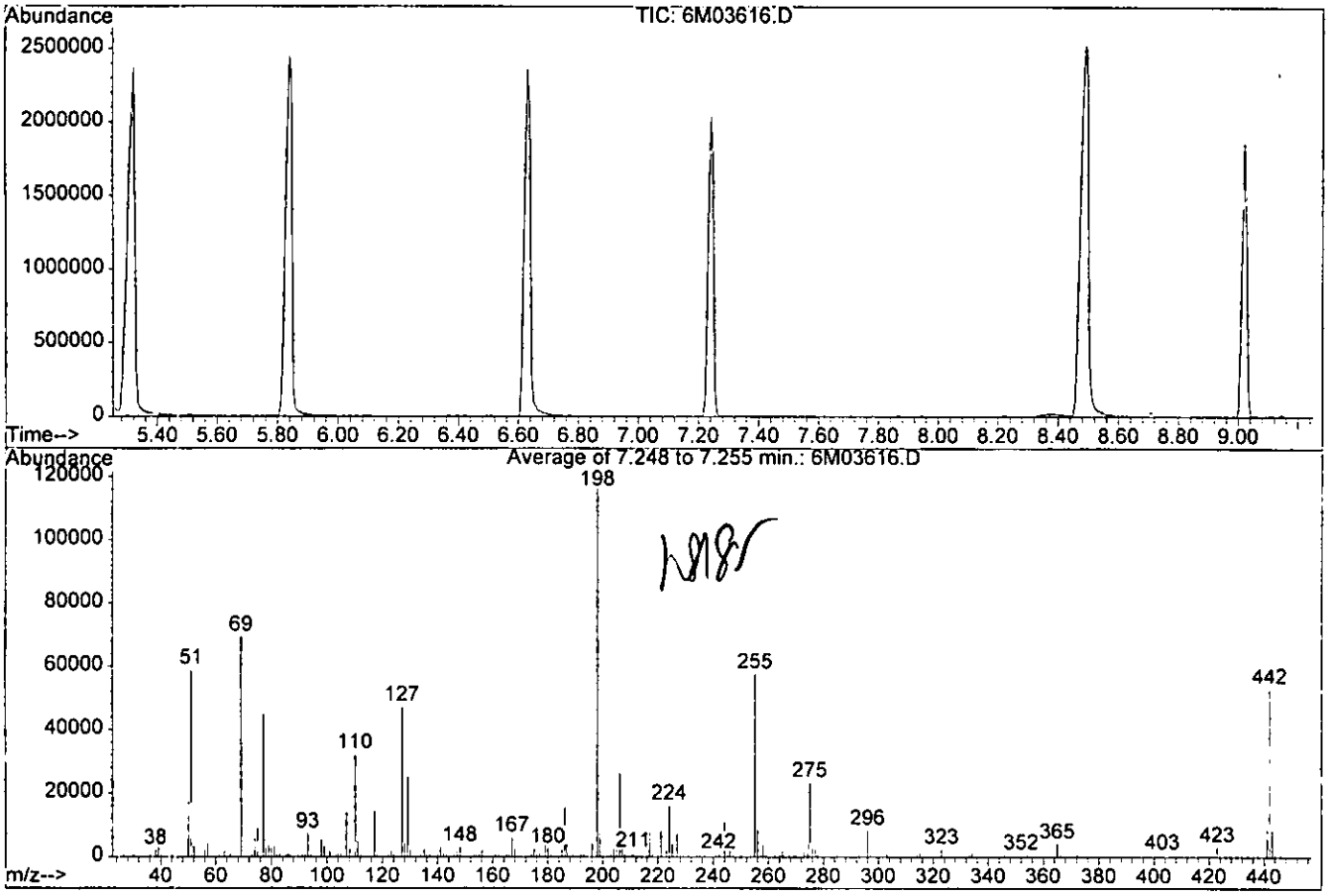
Tune Scan/Time Range: Average of 7.248 to 7.255 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.6	58834	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.6	69314	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	40.6	47125	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	116204	PASS
199	198	5	9	6.6	7679	PASS
275	198	10	30	20.0	23242	PASS
365	198	1	100	3.5	4040	PASS
441	443	0.01	100	83.2	8547	PASS
442	198	40	100	45.7	53160	PASS
443	442	17	23	19.3	10273	PASS

Data File	Sample Number	Analysis Date:
6M03619.D	CAL BNA@50PPM	08/09/05 10:52
6M03620.D	CAL BNA@10PPM	08/09/05 11:16
6M03621.D	CAL BNA@25PPM	08/09/05 11:40
6M03622.D	CAL BNA@80PPM	08/09/05 12:04
6M03623.D	CAL BNA@120PP	08/09/05 12:27
6M03624.D	CAL BNA@160PP	08/09/05 12:51
6M03625.D	CAL BNA@200PP	08/09/05 13:15
6M03626.D	SMB2614(MS)	08/09/05 13:38
6M03627.D	SMB2615	08/09/05 14:02
6M03628.D	SMB2614	08/09/05 14:26
6M03629.D	SMB2617	08/09/05 14:50
6M03630.D	AC18873-012	08/09/05 15:13
6M03631.D	AC18873-011(MS:	08/09/05 15:37
6M03632.D	AC18873-013(MS	08/09/05 16:01
6M03633.D	AC18873-007	08/09/05 16:24
6M03634.D	AC18873-008	08/09/05 16:48
6M03635.D	AC18873-009	08/09/05 17:12
6M03636.D	AC18873-003	08/09/05 17:35
6M03637.D	AC18830-015	08/09/05 17:59
6M03638.D	AC18830-016	08/09/05 18:23
6M03639.D	AC18825-004	08/09/05 18:46
6M03640.D	AC18845-007	08/09/05 19:10
6M03641.D	AC18845-010	08/09/05 19:34
6M03642.D	AC18845-012	08/09/05 19:57
6M03643.D	AC18825-003	08/09/05 20:21
6M03644.D	AC18873-020	08/09/05 20:45
6M03645.D	AC18955-001	08/09/05 21:08
6M03646.D	AC18984-002	08/09/05 21:32
6M03647.D	AC18984-003	08/09/05 21:56
6M03648.D	AC18984-006	08/09/05 22:19
6M03649.D	AC18984-007	08/09/05 22:43

DFTPP

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03616.D Vial: 1
Acq On : 9 Aug 2005 9:41 Operator: AHD
Sample : CAL DFTPP Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0630.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270



Spectrum Information: Average of 7.248 to 7.255 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	50.6	58834	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.6	69314	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	40.6	47125	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	116204	PASS
199	198	5	9	6.6	7679	PASS
275	198	10	30	20.0	23242	PASS
365	198	1	100	3.5	4040	PASS
441	443	0.01	100	83.2	8547	PASS
442	198	40	100	45.7	53160	PASS
443	442	17	23	19.3	10273	PASS

6M03616.D 6M_0630.M Thu Aug 18 16:54:23 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05465.D
Instrument: GCMS_4 **Analysis Date:** 08/09/05 11:07

Tune Scan/Time Range: Average of 5.750 to 5.781 min

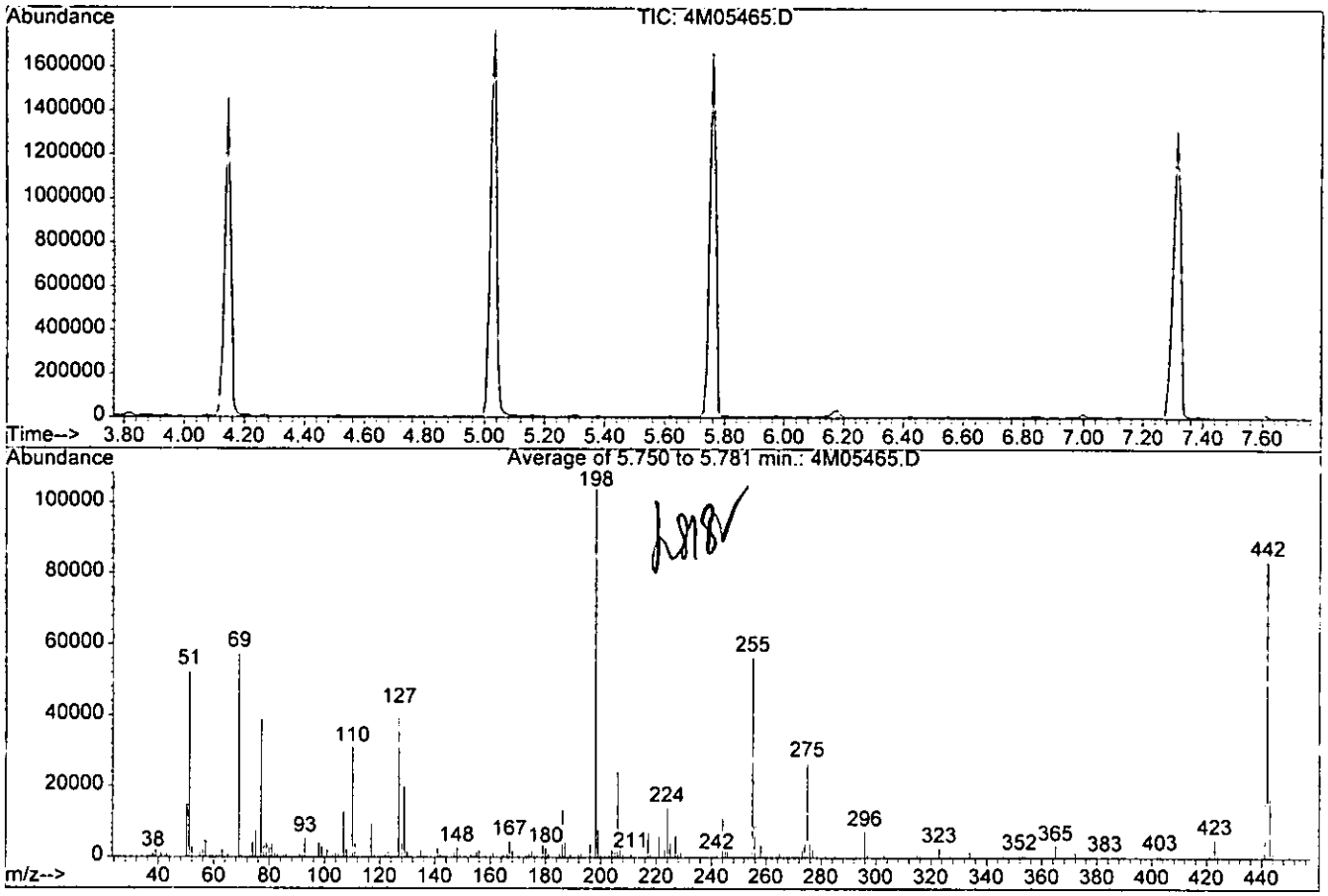
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.6	52536	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.3	57467	PASS
70	69	0.00	2	0.7	375	PASS
127	198	40	60	40.2	41782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	103825	PASS
199	198	5	9	7.6	7857	PASS
275	198	10	30	25.9	26910	PASS
365	198	1	100	3.2	3336	PASS
441	443	0.01	100	94.4	15726	PASS
442	198	40	100	80.7	83789	PASS
443	442	17	23	19.9	16657	PASS

Data File	Sample Number	Analysis Date:
4M05466.D	CAL BNA@50PPM	08/09/05 11:53
4M05467.D	CAL BNA@50PPM	08/09/05 12:17
4M05468.D	CAL BNA@10PPM	08/09/05 12:40
4M05469.D	CAL BNA@25PPM	08/09/05 13:04
4M05470.D	CAL BNA@80PPM	08/09/05 13:28
4M05471.D	CAL BNA@120PP	08/09/05 13:52
4M05472.D	CAL BNA@160PP	08/09/05 14:16
4M05473.D	CAL BNA@200PP	08/09/05 14:40
4M05474.D	SMB2617(MS)	08/09/05 15:03
4M05475.D	SMB2617	08/09/05 15:27

DFTPP

8270

Data File : G:\GcMsData\2005\Gcms_4\Data\08-09-05\4M05465.D Vial: 1
Acq On : 9 Aug 2005 11:07 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 5.750 to 5.781 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	50.6	52536	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.3	57467	PASS
70	69	0.00	2	0.7	375	PASS
127	198	40	60	40.2	41782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	103825	PASS
199	198	5	9	7.6	7857	PASS
275	198	10	30	25.9	26910	PASS
365	198	1	100	3.2	3336	PASS
441	443	0.01	100	94.4	15726	PASS
442	198	40	100	80.7	83789	PASS
443	442	17	23	19.9	16657	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05477.D
Instrument: GCMS_4 **Analysis Date:** 08/10/05 05:22

Tune Scan/Time Range: Average of 5.751 to 5.771 min

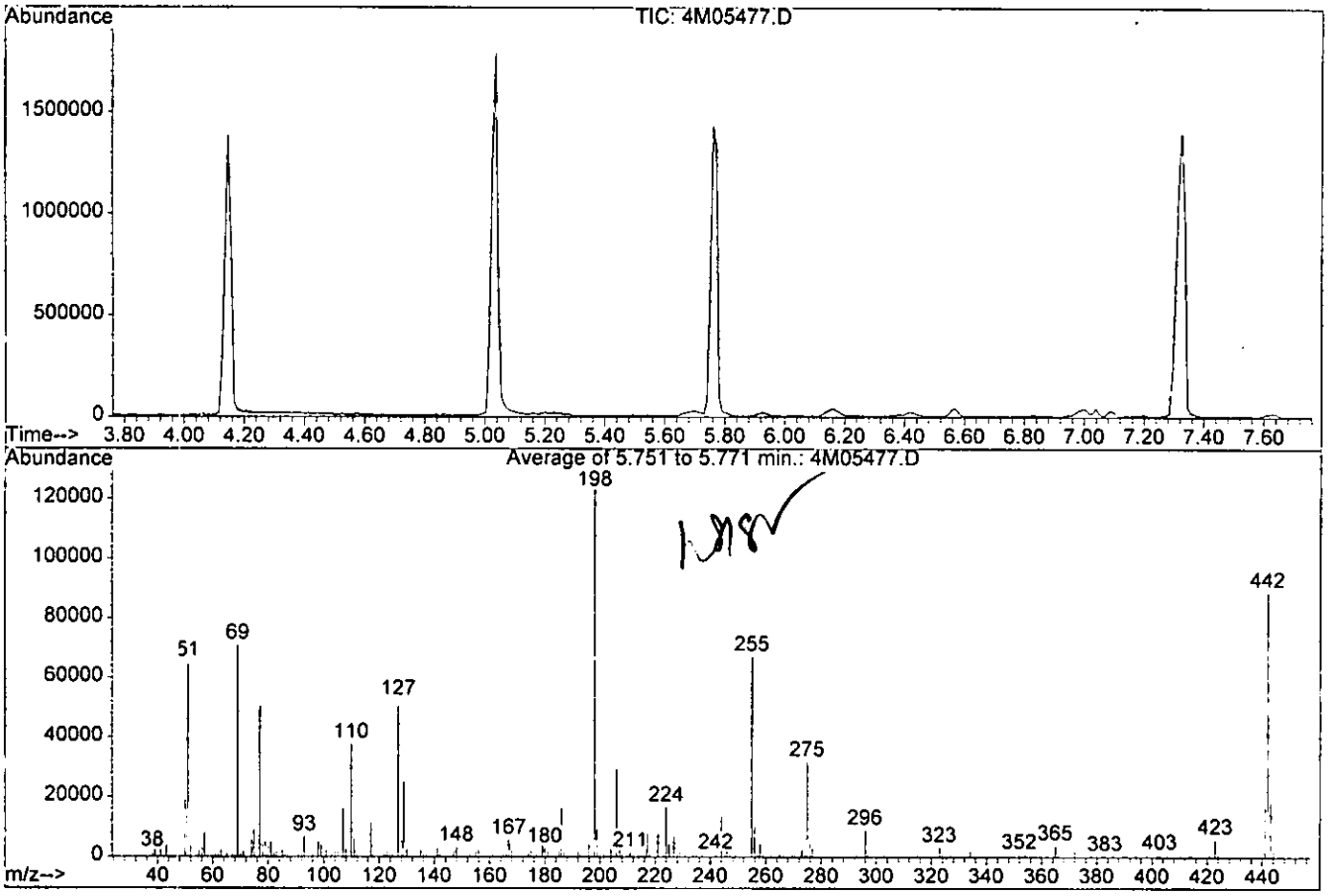
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.8	65053	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	57.5	70885	PASS
70	69	0.00	2	1.5	1032	PASS
127	198	40	60	42.3	52187	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	123285	PASS
199	198	5	9	7.5	9297	PASS
275	198	10	30	25.8	31747	PASS
365	198	1	100	3.1	3815	PASS
441	443	0.01	100	90.1	16417	PASS
442	198	40	100	72.1	88843	PASS
443	442	17	23	20.5	18220	PASS

Data File	Sample Number	Analysis Date:
4M05478.D	CAL BNA@50PPM	08/10/05 06:01
4M05479.D	CAL BNA@50PPM	08/10/05 06:49
4M05480.D	SMB2617	08/10/05 07:18
4M05481.D	SMB2614	08/10/05 07:42
4M05482.D	SMB2615	08/10/05 08:06
4M05483.D	SMB2616	08/10/05 08:30
4M05484.D	AC18873-001(3X)	08/10/05 08:57
4M05485.D	AC18873-002(3X)	08/10/05 09:21
4M05486.D	AC18873-005(3X)	08/10/05 09:45
4M05487.D	AC18873-006(3X)	08/10/05 10:09
4M05488.D	AC18873-018(3X)	08/10/05 10:32
4M05489.D	AC18873-015(20X)	08/10/05 10:56
4M05490.D	AC18820-005(20X)	08/10/05 11:20
4M05491.D	AC18984-005(20X)	08/10/05 11:44
4M05492.D	AC18873-010(10X)	08/10/05 12:08
4M05493.D	AC18876-001	08/10/05 12:32
4M05494.D	AC18984-001	08/10/05 12:56
4M05495.D	AC18873-019	08/10/05 13:20
4M05496.D	AC18968-002	08/10/05 13:44
4M05497.D	AC18845-007(10X)	08/10/05 14:08
4M05498.D	AC18845-012(10X)	08/10/05 14:32
4M05499.D	AC18845-010(20X)	08/10/05 14:56
4M05500.D	AC18873-015(3X)	08/10/05 15:20
4M05501.D	AC18820-005(3X)	08/10/05 15:44
4M05502.D	AC18984-005(3X)	08/10/05 16:08
4M05503.D	AC18916-001	08/10/05 16:32
4M05504.D	AC18916-004	08/10/05 16:56
4M05505.D	AC18916-005	08/10/05 17:20
4M05506.D	AC18916-007	08/10/05 17:44
4M05507.D	AC18916-017	08/10/05 18:08
4M05508.D	AC18916-020	08/10/05 18:32
4M05509.D	AC18916-022	08/10/05 18:56

DFTPP

8758

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05477.D Vial: 1
Acq On : 10 Aug 2005 5:22 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 5.751 to 5.771 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.8	65053	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	57.5	70885	PASS
70	69	0.00	2	1.5	1032	PASS
127	198	40	60	42.3	52187	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	123285	PASS
199	198	5	9	7.5	9297	PASS
275	198	10	30	25.8	31747	PASS
365	198	1	100	3.1	3815	PASS
441	443	0.01	100	90.1	16417	PASS
442	198	40	100	72.1	88843	PASS
443	442	17	23	20.5	18220	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09911.D
Instrument: GCMS_5 **Analysis Date:** 08/10/05 06:35

Tune Scan/Time Range: Average of 7.772 to 7.817 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.0	34524	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	37.9	38519	PASS
70	69	0.00	2	0.1	55	PASS
127	198	40	60	48.4	49149	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	101501	PASS
199	198	5	9	6.7	6776	PASS
275	198	10	30	18.9	19174	PASS
365	198	1	100	1.6	1627	PASS
441	443	0.01	100	77.4	8744	PASS
442	198	40	100	56.7	57596	PASS
443	442	17	23	19.6	11301	PASS

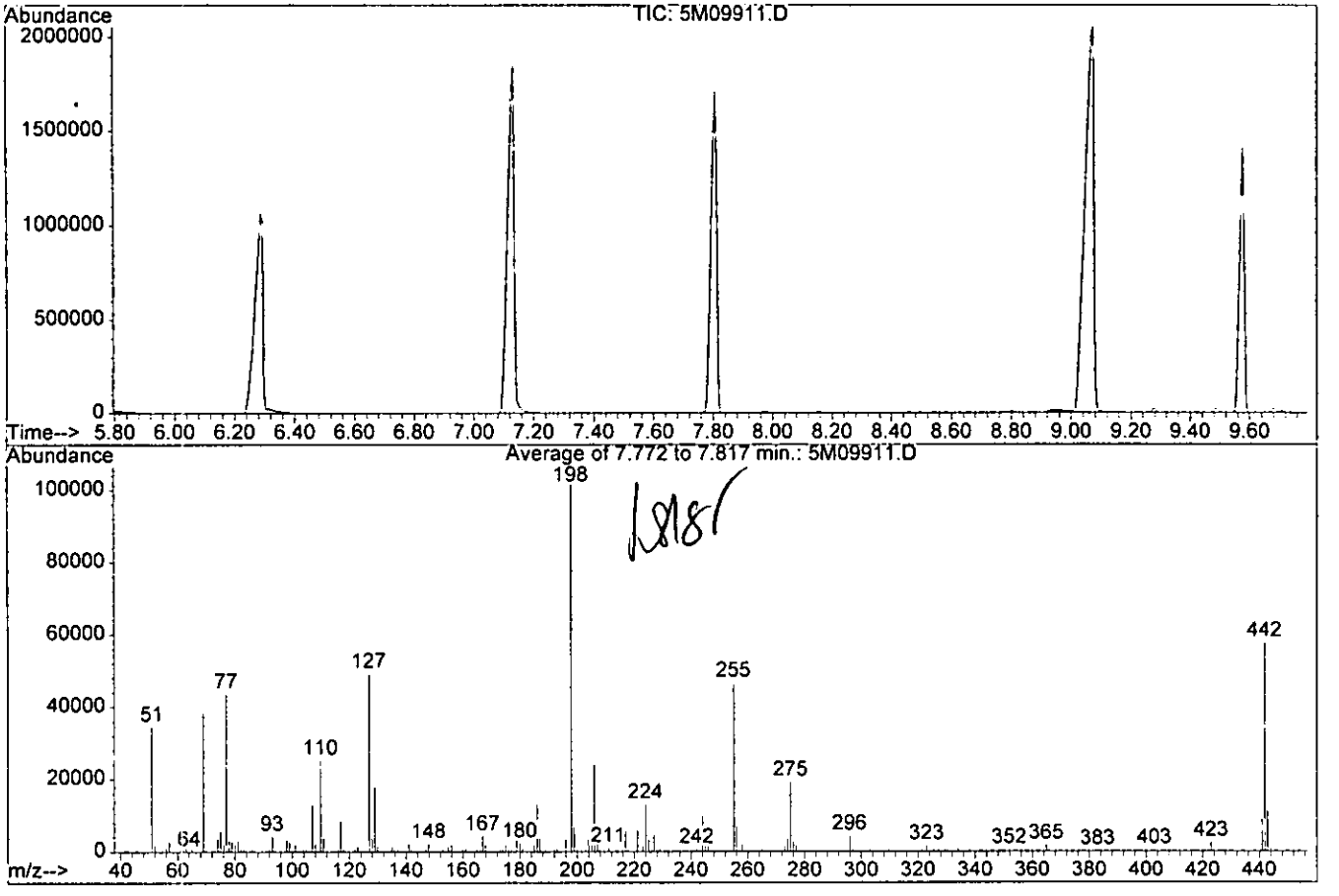
Data File	Sample Number	Analysis Date:
5M09912.D	CAL BNA@50PPM	08/10/05 06:55
5M09913.D	SMB2618	08/10/05 07:35
5M09914.D	SMB2618(MS)	08/10/05 08:04
5M09915.D	SMB2617	08/10/05 08:26
5M09916.D	SMB2617(MS)	08/10/05 08:47
5M09917.D	AC18955-003	08/10/05 09:09
5M09918.D	AC18955-003(MS)	08/10/05 09:30
5M09919.D	AC18955-003(MS	08/10/05 09:52
5M09920.D	AC18999-001	08/10/05 10:13
5M09921.D	AC18999-002	08/10/05 10:35
5M09922.D	AC18999-003	08/10/05 10:57
5M09923.D	AC18999-004	08/10/05 11:18
5M09924.D	AC18955-002	08/10/05 11:40
5M09925.D	AC18830-021	08/10/05 12:02
5M09926.D	AC18984-003	08/10/05 12:23
5M09927.D	AC18984-006	08/10/05 12:45
5M09928.D	AC18984-007	08/10/05 13:07
5M09929.D	AC18916-008	08/10/05 13:28
5M09930.D	AC18916-009(MS:	08/10/05 13:50
5M09931.D	AC18916-010(MS	08/10/05 14:12
5M09932.D	AC18916-003	08/10/05 14:34
5M09933.D	AC18916-014	08/10/05 14:56
5M09934.D	AC18916-015	08/10/05 15:17
5M09935.D	AC18916-021	08/10/05 15:39
5M09936.D	AC18916-011	08/10/05 16:01
5M09937.D	AC18916-016	08/10/05 16:23
5M09938.D	AC18916-019	08/10/05 16:45
5M09939.D	AC18916-002	08/10/05 17:07
5M09940.D	AC18916-006	08/10/05 17:29
5M09941.D	AC18914-002	08/10/05 17:51
5M09942.D	AC18916-012	08/10/05 18:12
5M09943.D	AC18916-018	08/10/05 18:34
5M09944.D	AC18916-013	08/10/05 18:56
5M09945.D	TEST	08/10/05 19:18
5M09946.D	TEST	08/10/05 19:39
5M09947.D	TEST	08/10/05 20:01
5M09948.D	TEST	08/10/05 20:23

0877

DFTPP

8788

Data File : G:\GcMsData\2005\Gcms_5\Data\08-10-05\5M09911.D Vial: 1
Acq On : 10 Aug 2005 6:35 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 7.772 to 7.817 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.0	34524	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	37.9	38519	PASS
70	69	0.00	2	0.1	55	PASS
127	198	40	60	48.4	49149	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	101501	PASS
199	198	5	9	6.7	6776	PASS
275	198	10	30	18.9	19174	PASS
365	198	1	100	1.6	1627	PASS
441	443	0.01	100	77.4	8744	PASS
442	198	40	100	56.7	57596	PASS
443	442	17	23	19.6	11301	PASS

5M09911.D 4M_0809.M Thu Aug 18 16:54:30 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09949.D
Instrument: GCMS_5 **Analysis Date:** 08/11/05 06:15

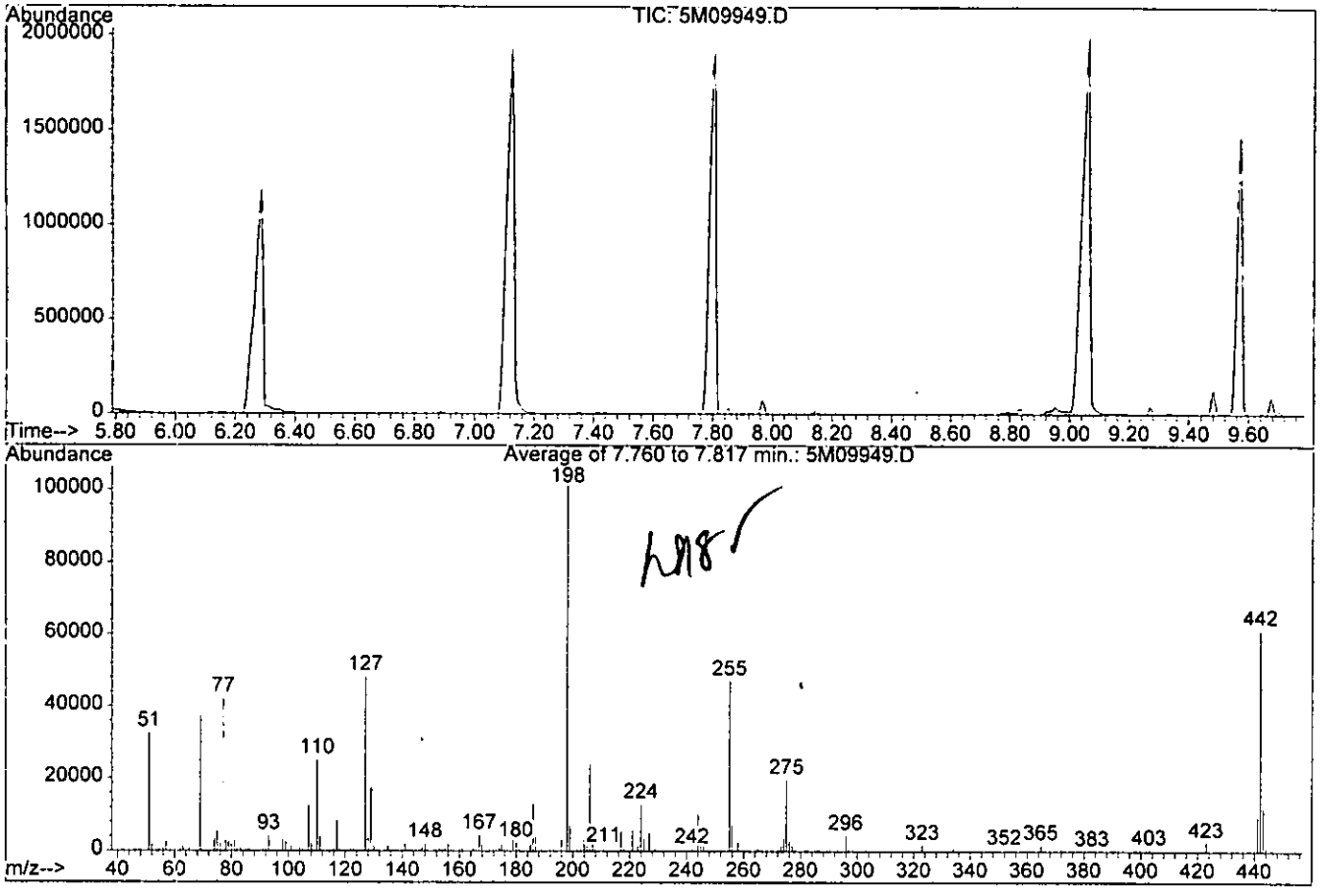
Tune Scan/Time Range: Average of 7.760 to 7.817 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	32.2	32610	PASS
68	69	0.00	2	0.2	72	PASS
69	198	0.00	100	37.1	37514	PASS
70	69	0.00	2	0.5	170	PASS
127	198	40	60	47.8	48351	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	101159	PASS
199	198	5	9	6.8	6911	PASS
275	198	10	30	19.5	19703	PASS
365	198	1	100	1.6	1659	PASS
441	443	0.01	100	79.7	9390	PASS
442	198	40	100	60.6	61320	PASS
443	442	17	23	19.2	11784	PASS

Data File	Sample Number	Analysis Date:
5M09950.D	CAL BNA@50PPM	08/11/05 06:42
5M09951.D	WMB2638	08/11/05 07:10
5M09952.D	SMB2620	08/11/05 07:32
5M09953.D	SMB2621	08/11/05 07:53
5M09954.D	WMB2638(MS)	08/11/05 08:19
5M09955.D	AC18968-001(T)	08/11/05 08:40
5M09956.D	AC18968-001(T)(M	08/11/05 09:02
5M09957.D	AC18968-001(T)(M	08/11/05 09:23
5M09958.D	SMB2621(MS)	08/11/05 09:45
5M09959.D	AC18872-008	08/11/05 10:06
5M09960.D	AC18872-008(MS)	08/11/05 10:28
5M09961.D	AC18872-008(MS	08/11/05 10:49
5M09962.D	SMB2620(MS)	08/11/05 11:11
5M09963.D	AC18873-011(MS:	08/11/05 11:33
5M09964.D	AC18873-013(MS	08/11/05 11:54
5M09965.D	AC18972-001	08/11/05 12:16
5M09966.D	AC18977-005	08/11/05 12:38
5M09967.D	AC18955-001	08/11/05 12:59
5M09968.D	SMB2619	08/11/05 13:21
5M09969.D	AC18886-008	08/11/05 13:43
5M09970.D	AC18872-002	08/11/05 14:05
5M09971.D	AC18873-012	08/11/05 14:26
5M09972.D	AC18872-001	08/11/05 14:48
5M09973.D	AC18958-001	08/11/05 15:10
5M09974.D	AC18958-002	08/11/05 15:32
5M09975.D	AC18958-003	08/11/05 15:54
5M09976.D	AC18916-014(5X)	08/11/05 16:15
5M09977.D	AC18916-011(20X)	08/11/05 16:37
5M09978.D	AC18916-011(10X)	08/11/05 16:59
5M09979.D	AC18916-006(10X)	08/11/05 17:21
5M09980.D	AC18916-013	08/11/05 17:43
5M09981.D	AC18873-011(MS:	08/11/05 18:05
5M09982.D	AC18888-007	08/11/05 18:26
5M09983.D	AC18991-001	08/11/05 18:48
5M09984.D	AC18991-002	08/11/05 19:10
5M09985.D	AC18991-004	08/11/05 19:31
5M09986.D	AC18969-002	08/11/05 19:53
5M09987.D	AC18975-001	08/11/05 20:15
5M09988.D	AC18997-001	08/11/05 20:36
5M09989.D	AC18997-002	08/11/05 20:58
5M09990.D	AC18997-003	08/11/05 21:20
5M09991.D	WMB2637	08/11/05 21:41
5M09992.D	MBS A	08/11/05 22:03
5M09993.D	MBS B	08/11/05 22:25
5M09994.D	MBS C	08/11/05 22:46
5M09995.D	MBS D	08/11/05 23:08

DFTPP

Data File : G:\GcMsData\2005\Gcms_5\Data\08-11-05\5M09949.D Vial: 1
Acq On : 11 Aug 2005 6:15 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.760 to 7.817 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.2	32610	PASS
68	69	0.00	2	0.2	72	PASS
69	198	0.00	100	37.1	37514	PASS
70	69	0.00	2	0.5	170	PASS
127	198	40	60	47.8	48351	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	101159	PASS
199	198	5	9	6.8	6911	PASS
275	198	10	30	19.5	19703	PASS
365	198	1	100	1.6	1659	PASS
441	443	0.01	100	79.7	9390	PASS
442	198	40	100	60.6	61320	PASS
443	442	17	23	19.2	11784	PASS

5M09949.D 5M_0722.M Thu Aug 18 16:54:32 2005 RPT1

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB2634
Client Id:
Data File: 5M09829.D
Analysis Date: 08/08/05 07:36
Date Rec/Extracted: NA-08/07/05

Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.17	U	205-99-2	Benzo[b]fluoranthene	0.28	U
95-50-1	1,2-Dichlorobenzene	0.40	U	191-24-2	Benzo[g,h,i]perylene	0.14	U
122-66-7	1,2-Diphenylhydrazine	0.33	U	207-08-9	Benzo[k]fluoranthene	0.35	U
541-73-1	1,3-Dichlorobenzene	0.28	U	111-91-1	bis(2-Chloroethoxy)methan	0.23	U
106-46-7	1,4-Dichlorobenzene	0.18	U	111-44-4	bis(2-Chloroethyl)ether	0.44	U
95-95-4	2,4,5-Trichlorophenol	1.6	U	108-60-1	bis(2-chloroisopropyl)ether	0.21	U
88-06-2	2,4,6-Trichlorophenol	0.75	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.63	U
120-83-2	2,4-Dichlorophenol	1.3	U	85-68-7	Butylbenzylphthalate	0.27	U
105-67-9	2,4-Dimethylphenol	0.85	U	86-74-8	Carbazole	0.19	U
51-28-5	2,4-Dinitrophenol	1.8	U	218-01-9	Chrysene	0.28	U
121-14-2	2,4-Dinitrotoluene	0.36	U	84-74-2	Di-n-butylphthalate	0.20	U
606-20-2	2,6-Dinitrotoluene	0.45	U	117-84-0	Di-n-octylphthalate	0.34	U
91-58-7	2-Chloronaphthalene	0.11	U	53-70-3	Dibenzo[a,h]anthracene	0.18	U
95-57-8	2-Chlorophenol	1.8	U	132-64-9	Dibenzofuran	1.3	U
91-57-6	2-Methylnaphthalene	1.7	U	84-66-2	Diethylphthalate	0.24	U
95-48-7	2-Methylphenol	3.7	U	131-11-3	Dimethylphthalate	0.17	U
88-74-4	2-Nitroaniline	1.3	U	206-44-0	Fluoranthene	0.16	U
88-75-5	2-Nitrophenol	1.2	U	86-73-7	Fluorene	0.24	U
106-44-5	3&4-Methylphenol	3.7	U	118-74-1	Hexachlorobenzene	0.41	U
91-94-1	3,3'-Dichlorobenzidine	1.8	U	87-68-3	Hexachlorobutadiene	0.25	U
99-09-2	3-Nitroaniline	2.5	U	77-47-4	Hexachlorocyclopentadiene	2.7	U
534-52-1	4,6-Dinitro-2-methylphenol	1.9	U	67-72-1	Hexachloroethane	0.35	U
101-55-3	4-Bromophenyl-phenylether	0.41	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.17	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	78-59-1	Isophorone	5.3	U
106-47-8	4-Chloroaniline	6.8	U	621-64-7	N-Nitroso-di-n-propylamine	0.32	U
7005-72-3	4-Chlorophenyl-phenylether	0.28	U	62-75-9	N-Nitrosodimethylamine	11	U
100-01-6	4-Nitroaniline	1.5	U	86-30-6	n-Nitrosodiphenylamine	0.27	U
100-02-7	4-Nitrophenol	1.4	U	91-20-3	Naphthalene	0.097	U
83-32-9	Acenaphthene	0.16	U	98-95-3	Nitrobenzene	0.28	U
208-96-8	Acenaphthylene	0.15	U	87-86-5	Pentachlorophenol	0.97	U
120-12-7	Anthracene	0.20	U	85-01-8	Phenanthrene	0.22	U
92-87-5	Benzidine	10	U	108-95-2	Phenol	1.7	U
56-55-3	Benzo[a]anthracene	0.14	U	129-00-0	Pyrene	0.23	U
50-32-8	Benzo[a]pyrene	0.17	U				

Worksheet #: 18319

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09829.D Vial: 49
Acq On : 8 Aug 2005 7:36 Operator: AHD
Sample : WMB2634 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:03 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.09	152	27171	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	110852	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	63451	40.00	ng	-0.18
61) Phenanthrene-d10	8.82	188	111388	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	91021	40.00	ng	-0.23
88) Perylene-d12	13.39	264	73792	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	126301	138.01	ng	-0.20
Spiked Amount 200.000			Recovery = 69.01%			
8) Phenol-d5	4.79	99	128315	95.89	ng	-0.16
Spiked Amount 200.000			Recovery = 47.95%			
21) Nitrobenzene-d5	5.57	128	45343	93.42	ng	-0.15
Spiked Amount 100.000			Recovery = 93.42%			
41) 2-Fluorobiphenyl	6.94	172	160154	80.75	ng	-0.15
Spiked Amount 100.000			Recovery = 80.75%			
64) 2,4,6-Tribromophenol	8.16	330	43635	183.04	ng	-0.19
Spiked Amount 200.000			Recovery = 91.52%			
80) Terphenyl-d14	10.60	244	204255	94.99	ng	-0.21
Spiked Amount 100.000			Recovery = 94.99%			

Target Compounds Qvalue

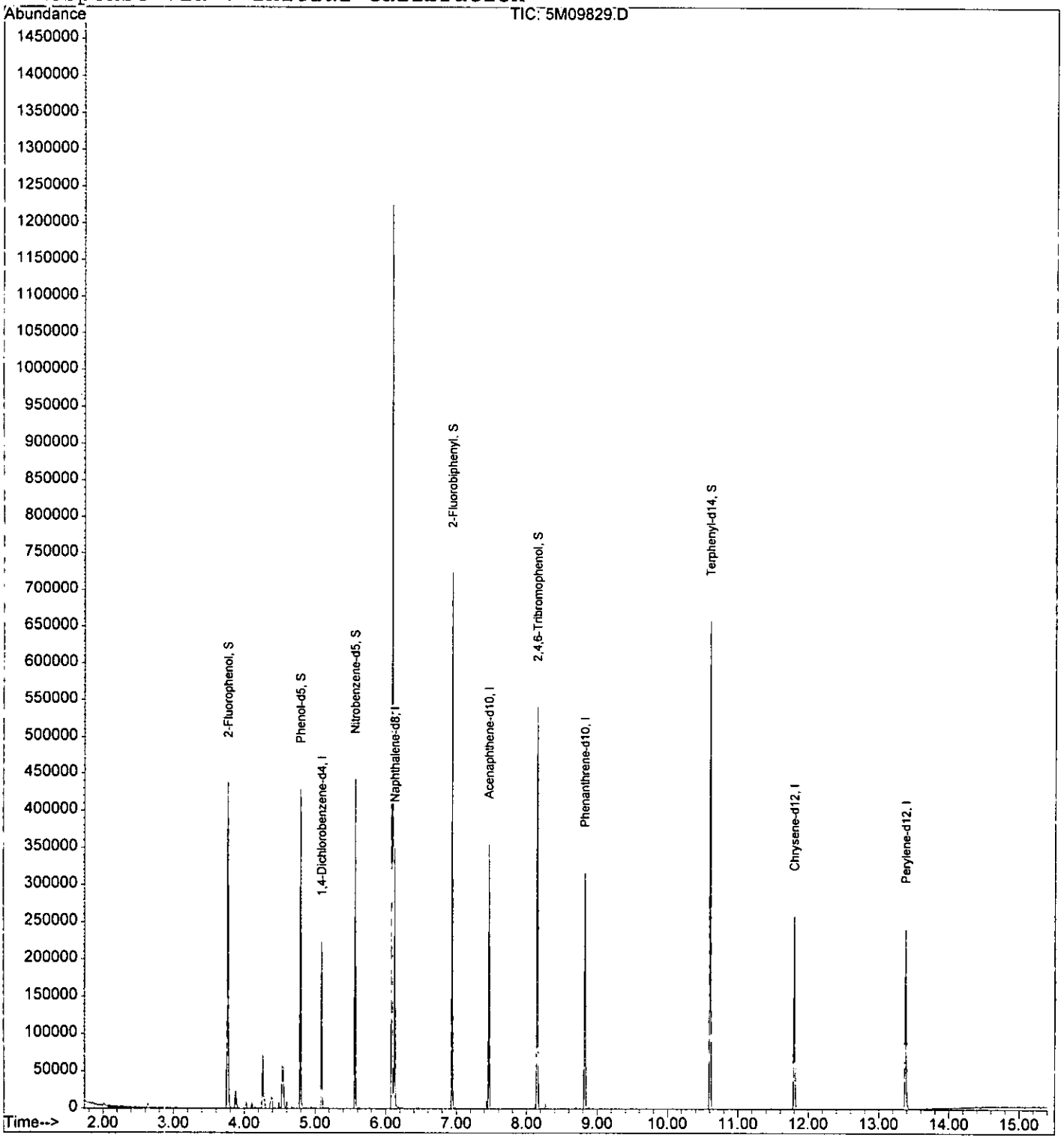
8/16/05

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09829.D Vial: 4033
Acq On : 8 Aug 2005 7:36 Operator: AHD
Sample : WMB2634 Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:03 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2614
Client Id:
Data File: 5M09854.D
Analysis Date: 08/08/05 16:38
Date Rec/Extracted: NA-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0058	U	205-99-2	Benzo[b]fluoranthene	0.0093	U
95-50-1	1,2-Dichlorobenzene	0.013	U	191-24-2	Benzo[g,h,i]perylene	0.0048	U
122-66-7	1,2-Diphenylhydrazine	0.011	U	207-08-9	Benzo[k]fluoranthene	0.012	U
541-73-1	1,3-Dichlorobenzene	0.0095	U	111-91-1	bis(2-Chloroethoxy)methan	0.0078	U
106-46-7	1,4-Dichlorobenzene	0.0058	U	111-44-4	bis(2-Chloroethyl)ether	0.015	U
95-95-4	2,4,5-Trichlorophenol	0.052	U	108-60-1	bis(2-chloroisopropyl)ether	0.0069	U
88-06-2	2,4,6-Trichlorophenol	0.025	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.021	U
120-83-2	2,4-Dichlorophenol	0.044	U	85-68-7	Butylbenzylphthalate	0.0090	U
105-67-9	2,4-Dimethylphenol	0.028	U	86-74-8	Carbazole	0.0064	U
51-28-5	2,4-Dinitrophenol	0.061	U	218-01-9	Chrysene	0.0095	U
121-14-2	2,4-Dinitrotoluene	0.012	U	84-74-2	Di-n-butylphthalate	0.0067	U
606-20-2	2,6-Dinitrotoluene	0.015	U	117-84-0	Di-n-octylphthalate	0.011	U
91-58-7	2-Chloronaphthalene	0.0038	U	53-70-3	Dibenzo[a,h]anthracene	0.0061	U
95-57-8	2-Chlorophenol	0.061	U	132-64-9	Dibenzofuran	0.043	U
91-57-6	2-Methylnaphthalene	0.057	U	84-66-2	Diethylphthalate	0.0078	U
95-48-7	2-Methylphenol	0.12	U	131-11-3	Dimethylphthalate	0.0057	U
88-74-4	2-Nitroaniline	0.043	U	206-44-0	Fluoranthene	0.0055	U
88-75-5	2-Nitrophenol	0.041	U	86-73-7	Fluorene	0.0080	U
106-44-5	3&4-Methylphenol	0.12	U	118-74-1	Hexachlorobenzene	0.014	U
91-94-1	3,3'-Dichlorobenzidine	0.058	U	87-68-3	Hexachlorobutadiene	0.0082	U
99-09-2	3-Nitroaniline	0.084	U	77-47-4	Hexachlorocyclopentadiene	0.090	U
534-52-1	4,6-Dinitro-2-methylphenol	0.063	U	67-72-1	Hexachloroethane	0.012	U
101-55-3	4-Bromophenyl-phenylether	0.014	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0057	U
59-50-7	4-Chloro-3-methylphenol	0.067	U	78-59-1	Isophorone	0.18	U
106-47-8	4-Chloroaniline	0.23	U	621-64-7	N-Nitroso-di-n-propylamine	0.011	U
7005-72-3	4-Chlorophenyl-phenylether	0.0094	U	62-75-9	N-Nitrosodimethylamine	0.37	U
100-01-6	4-Nitroaniline	0.050	U	86-30-6	n-Nitrosodiphenylamine	0.0091	U
100-02-7	4-Nitrophenol	0.047	U	91-20-3	Naphthalene	0.0032	U
83-32-9	Acenaphthene	0.0055	U	98-95-3	Nitrobenzene	0.0094	U
208-96-8	Acenaphthylene	0.0050	U	87-86-5	Pentachlorophenol	0.032	U
120-12-7	Anthracene	0.0066	U	85-01-8	Phenanthrene	0.0074	U
92-87-5	Benzidine	0.34	U	108-95-2	Phenol	0.055	U
56-55-3	Benzo[a]anthracene	0.0046	U	129-00-0	Pyrene	0.0076	U
50-32-8	Benzo[a]pyrene	0.0055	U				

Worksheet #: 18319

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09854.D Vial: 29
Acq On : 8 Aug 2005 16:38 Operator: AHD
Sample : SMB2614 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:55 2005 Quant Results File: 5M_0722.RES

Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.09	152	30951	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	119115	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	66477	40.00	ng	-0.18
61) Phenanthrene-d10	8.82	188	114757	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	83919	40.00	ng	-0.23
88) Perylene-d12	13.39	264	65348	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	171443	164.46	ng	-0.19
Spiked Amount 200.000			Recovery = 82.23%			
8) Phenol-d5	4.80	99	220873	144.90	ng	-0.15
Spiked Amount 200.000			Recovery = 72.45%			
21) Nitrobenzene-d5	5.57	128	43385	83.19	ng	-0.15
Spiked Amount 100.000			Recovery = 83.19%			
41) 2-Fluorobiphenyl	6.94	172	168773	81.22	ng	-0.15
Spiked Amount 100.000			Recovery = 81.22%			
64) 2,4,6-Tribromophenol	8.16	330	39686	161.59	ng	-0.19
Spiked Amount 200.000			Recovery = 80.80%			
80) Terphenyl-d14	10.60	244	171428	86.47	ng	-0.21
Spiked Amount 100.000			Recovery = 86.47%			

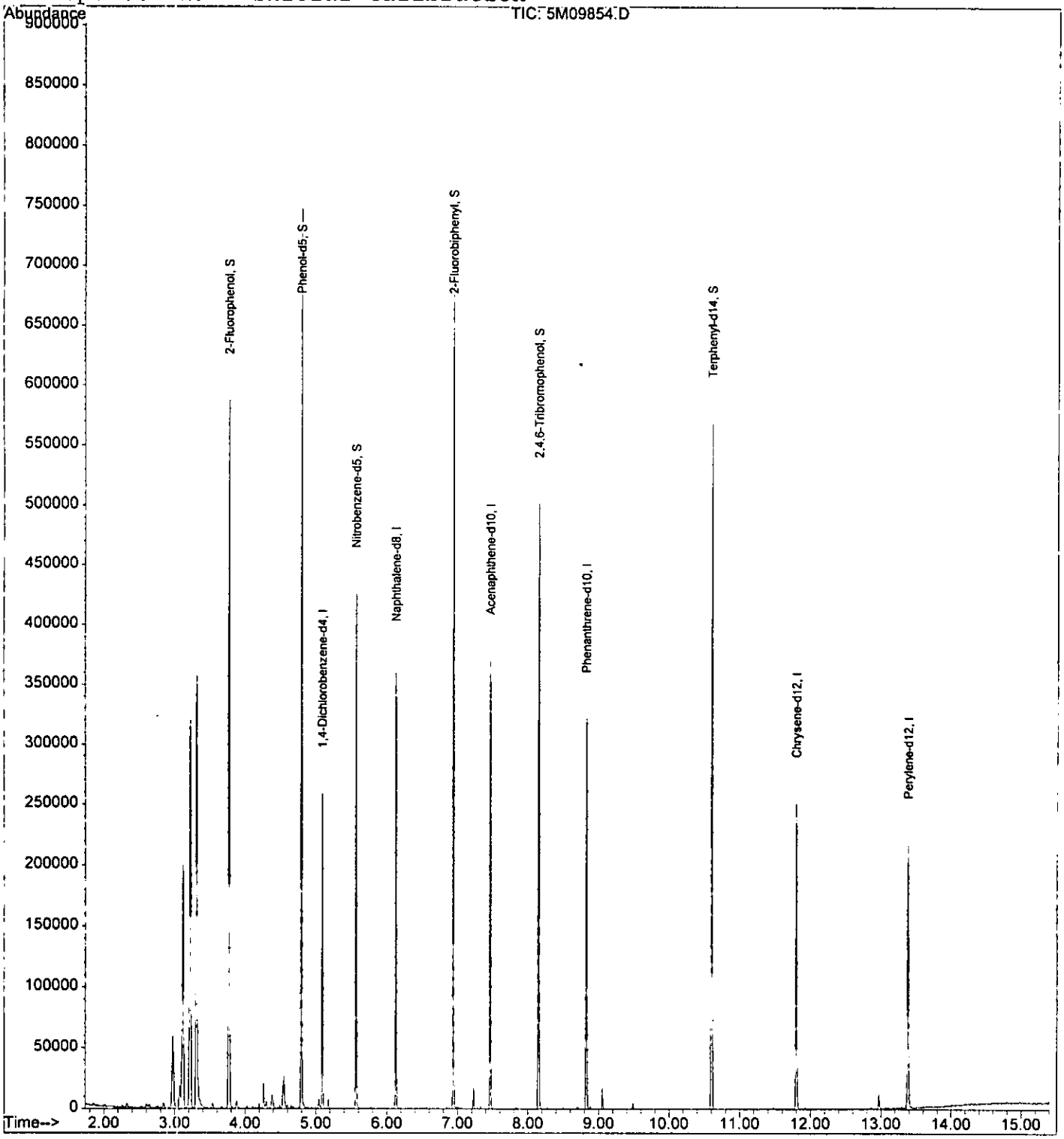
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09854.D Vial: 2
Acq On : 8 Aug 2005 16:38 Operator: AHD
Sample : SMB2614 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 12:55 2005 Quant Results File: 5M_0722.RES

Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

0887

Sample Number: SMB2614
Client Id:
Data File: 6M03628.D
Analysis Date: 08/09/05 14:26
Date Rec/Extracted: NA-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	205-99-2	Benzo[b]fluoranthene	0.017	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.012	U
122-66-7	1,2-Diphenylhydrazine	0.0060	U	207-08-9	Benzo[k]fluoranthene	0.015	U
541-73-1	1,3-Dichlorobenzene	0.013	U	111-91-1	bis(2-Chloroethoxy)methan	0.0098	U
106-46-7	1,4-Dichlorobenzene	0.010	U	111-44-4	bis(2-Chloroethyl)ether	0.013	U
95-95-4	2,4,5-Trichlorophenol	0.045	U	108-60-1	bis(2-chloroisopropyl)ether	0.0098	U
88-06-2	2,4,6-Trichlorophenol	0.057	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.0090	U
120-83-2	2,4-Dichlorophenol	0.041	U	85-68-7	Butylbenzylphthalate	0.014	U
105-67-9	2,4-Dimethylphenol	0.039	U	86-74-8	Carbazole	0.012	U
51-28-5	2,4-Dinitrophenol	0.033	U	218-01-9	Chrysene	0.0062	U
121-14-2	2,4-Dinitrotoluene	0.017	U	84-74-2	Di-n-butylphthalate	0.0075	U
606-20-2	2,6-Dinitrotoluene	0.011	U	117-84-0	Di-n-octylphthalate	0.0079	U
91-58-7	2-Chloronaphthalene	0.014	U	53-70-3	Dibenzo[a,h]anthracene	0.017	U
95-57-8	2-Chlorophenol	0.022	U	132-64-9	Dibenzofuran	0.058	U
91-57-6	2-Methylnaphthalene	0.034	U	84-66-2	Diethylphthalate	0.0080	U
95-48-7	2-Methylphenol	0.074	U	131-11-3	Dimethylphthalate	0.017	U
88-74-4	2-Nitroaniline	0.051	U	206-44-0	Fluoranthene	0.012	U
88-75-5	2-Nitrophenol	0.044	U	86-73-7	Fluorene	0.0071	U
106-44-5	3&4-Methylphenol	0.091	U	118-74-1	Hexachlorobenzene	0.019	U
91-94-1	3,3'-Dichlorobenzidine	0.14	U	87-68-3	Hexachlorobutadiene	0.011	U
99-09-2	3-Nitroaniline	0.090	U	77-47-4	Hexachlorocyclopentadiene	0.21	U
534-52-1	4,6-Dinitro-2-methylphenol	0.041	U	67-72-1	Hexachloroethane	0.017	U
101-55-3	4-Bromophenyl-phenylether	0.016	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.024	U
59-50-7	4-Chloro-3-methylphenol	0.066	U	78-59-1	Isophorone	0.0077	U
106-47-8	4-Chloroaniline	0.23	U	621-64-7	N-Nitroso-di-n-propylamine	0.018	U
7005-72-3	4-Chlorophenyl-phenylether	0.013	U	62-75-9	N-Nitrosodimethylamine	0.21	U
100-01-6	4-Nitroaniline	0.081	U	86-30-6	n-Nitrosodiphenylamine	0.012	U
100-02-7	4-Nitrophenol	0.038	U	91-20-3	Naphthalene	0.0063	U
83-32-9	Acenaphthene	0.012	U	98-95-3	Nitrobenzene	0.028	U
208-96-8	Acenaphthylene	0.0066	U	87-86-5	Pentachlorophenol	0.032	U
120-12-7	Anthracene	0.0084	U	85-01-8	Phenanthrene	0.0077	U
92-87-5	Benzidine	0.019	U	108-95-2	Phenol	0.033	U
56-55-3	Benzo[a]anthracene	0.014	U	129-00-0	Pyrene	0.0057	U
50-32-8	Benzo[a]pyrene	0.015	U				

Worksheet #: 18319

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03628.D Vial: 19
Acq On : 9 Aug 2005 14:26 Operator: AHD
Sample : SMB2614 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:28 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.48	152	49040	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	153670	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	87538	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	148519	40.00	ng	0.00
74) Chrysene-d12	11.78	240	97741	40.00	ng	0.00
83) Perylene-d12	13.63	264	59116	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.44	112	264649	184.28	ng	0.00
Spiked Amount 200.000			Recovery = 92.14%			
8) Phenol-d5	4.20	99	359507	187.51	ng	0.00
Spiked Amount 200.000			Recovery = 93.76%			
21) Nitrobenzene-d5	4.89	128	75230	97.02	ng	0.00
Spiked Amount 100.000			Recovery = 97.02%			
41) 2-Fluorobiphenyl	6.35	172	249096	90.92	ng	0.00
Spiked Amount 100.000			Recovery = 90.92%			
64) 2,4,6-Tribromophenol	7.82	332	50789	175.91	ng	0.00
Spiked Amount 200.000			Recovery = 87.96%			
77) Terphenyl-d14	10.49	244	221154	86.17	ng	0.00
Spiked Amount 100.000			Recovery = 86.17%			
Target Compounds						Qvalue

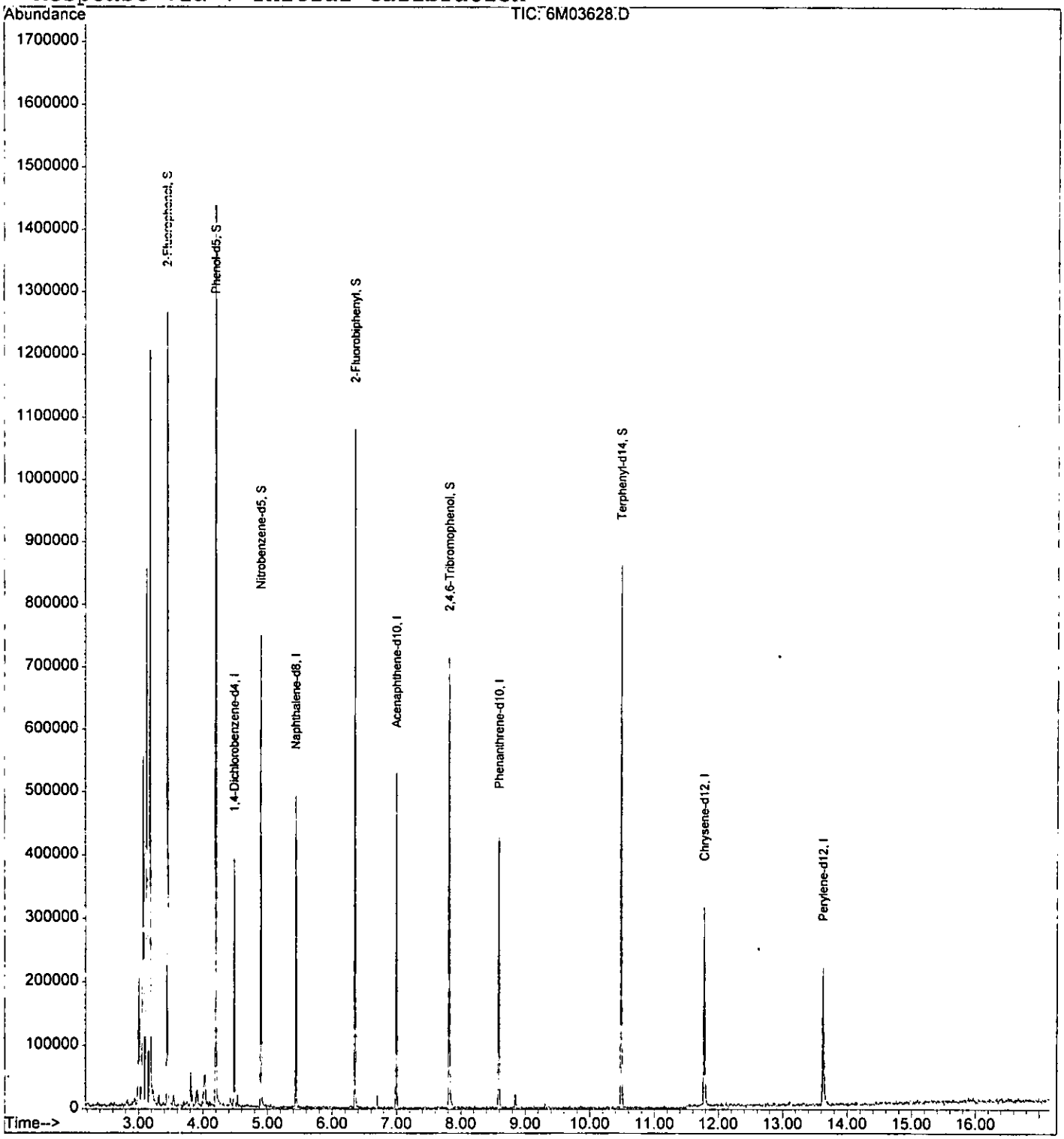
8/16

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03628.D Vial: 1
Acq On : 9 Aug 2005 14:26 Operator: AHD
Sample : SMB2614 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:28 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

8588

Sample Number: SMB2614
Client Id:
Data File: 4M05481.D
Analysis Date: 08/10/05 07:42
Date Rec/Extracted: NA-08/08/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0090	U	205-99-2	Benzo[b]fluoranthene	0.010	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.0063	U
122-66-7	1,2-Diphenylhydrazine	0.0096	U	207-08-9	Benzo[k]fluoranthene	0.011	U
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.0076	U
106-46-7	1,4-Dichlorobenzene	0.017	U	111-44-4	bis(2-Chloroethyl)ether	0.018	U
95-95-4	2,4,5-Trichlorophenol	0.45	U	108-60-1	bis(2-chloroisopropyl)ether	0.011	U
88-06-2	2,4,6-Trichlorophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.030	U
120-83-2	2,4-Dichlorophenol	0.054	U	85-68-7	Butylbenzylphthalate	0.013	U
105-67-9	2,4-Dimethylphenol	0.046	U	86-74-8	Carbazole	0.0099	U
51-28-5	2,4-Dinitrophenol	0.23	U	218-01-9	Chrysene	0.0069	U
121-14-2	2,4-Dinitrotoluene	0.012	U	84-74-2	Di-n-butylphthalate	0.0075	U
606-20-2	2,6-Dinitrotoluene	0.014	U	117-84-0	Di-n-octylphthalate	0.0079	U
91-58-7	2-Chloronaphthalene	0.0092	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	2-Chlorophenol	0.068	U	132-64-9	Dibenzofuran	0.042	U
91-57-6	2-Methylnaphthalene	0.043	U	84-66-2	Diethylphthalate	0.0092	U
95-48-7	2-Methylphenol	0.16	U	131-11-3	Dimethylphthalate	0.0075	U
88-74-4	2-Nitroaniline	0.023	U	206-44-0	Fluoranthene	0.0096	U
88-75-5	2-Nitrophenol	0.039	U	86-73-7	Fluorene	0.0084	U
106-44-5	3&4-Methylphenol	0.18	U	118-74-1	Hexachlorobenzene	0.015	U
91-94-1	3,3'-Dichlorobenzidine	0.073	U	87-68-3	Hexachlorobutadiene	0.014	U
99-09-2	3-Nitroaniline	0.14	U	77-47-4	Hexachlorocyclopentadiene	0.089	U
534-52-1	4,6-Dinitro-2-methylphenol	0.063	U	67-72-1	Hexachloroethane	0.025	U
101-55-3	4-Bromophenyl-phenylether	0.013	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0046	U
59-50-7	4-Chloro-3-methylphenol	0.085	U	78-59-1	Isophorone	0.010	U
106-47-8	4-Chloroaniline	0.26	U	621-64-7	N-Nitroso-di-n-propylamine	0.016	U
7005-72-3	4-Chlorophenyl-phenylether	0.015	U	62-75-9	N-Nitrosodimethylamine	0.39	U
100-01-6	4-Nitroaniline	0.082	U	86-30-6	n-Nitrosodiphenylamine	0.016	U
100-02-7	4-Nitrophenol	0.059	U	91-20-3	Naphthalene	0.0078	U
83-32-9	Acenaphthene	0.014	U	98-95-3	Nitrobenzene	0.013	U
208-96-8	Acenaphthylene	0.0077	U	87-86-5	Pentachlorophenol	0.041	U
120-12-7	Anthracene	0.0087	U	85-01-8	Phenanthrene	0.0077	U
92-87-5	Benzidine	0.076	U	108-95-2	Phenol	0.051	U
56-55-3	Benzo[a]anthracene	0.0058	U	129-00-0	Pyrene	0.0078	U
50-32-8	Benzo[a]pyrene	0.0077	U				

Worksheet #: 18319

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05481.D Vial: 1
Acq On : 10 Aug 2005 7:42 Operator: AHD
Sample : SMB2614 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:07 2005 Quant Results File: 4M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0809

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.86	152	63241	40.00	ng	0.00
19) Naphthalene-d8	5.85	136	182654	40.00	ng	0.00
35) Acenaphthene-d10	7.42	164	105006	40.00	ng	0.00
59) Phenanthrene-d10	9.01	188	155760	40.00	ng	0.00
72) Chrysene-d12	12.19	240	105601	40.00	ng	0.00
81) Perylene-d12	14.04	264	79548	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.72	112	266877	151.76	ng	0.00
Spiked Amount 200.000			Recovery =	75.88%		
7) Phenol-d5	4.58	99	363978	164.83	ng	0.00
Spiked Amount 200.000			Recovery =	82.42%		
20) Nitrobenzene-d5	5.30	128	80183	90.79	ng	0.00
Spiked Amount 100.000			Recovery =	90.79%		
40) 2-Fluorobiphenyl	6.77	172	281899	78.52	ng	0.00
Spiked Amount 100.000			Recovery =	78.52%		
62) 2,4,6-Tribromophenol	8.25	332	132622	169.10	ng	0.00
Spiked Amount 200.000			Recovery =	84.55%		
75) Terphenyl-d14	10.91	244	260526	87.06	ng	0.00
Spiked Amount 100.000			Recovery =	87.06%		

Target Compounds Qvalue

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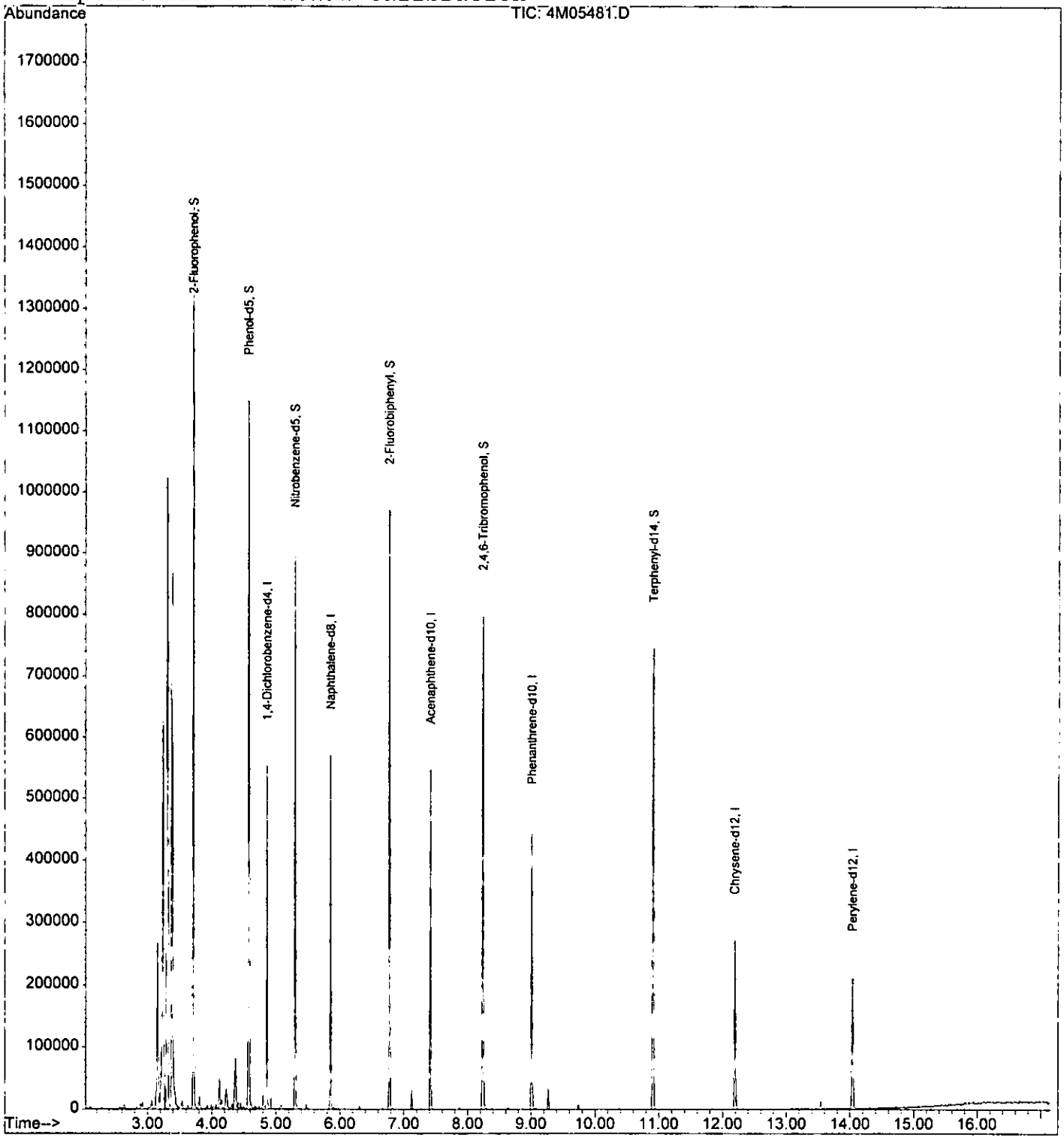
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-10-05\4M05481.D Vial: 31
Acq On : 10 Aug 2005 7:42 Operator: AHD
Sample : SMB2614 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 12 11:07 2005 Quant Results File: 4M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0809.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue Aug 09 15:25:10 2005
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2617
Client Id:
Data File: 6M03629.D
Analysis Date: 08/09/05 14:50
Date Rec/Extracted: NA-08/09/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	205-99-2	Benzo[b]fluoranthene	0.017	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.012	U
122-66-7	1,2-Diphenylhydrazine	0.0060	U	207-08-9	Benzo[k]fluoranthene	0.015	U
541-73-1	1,3-Dichlorobenzene	0.013	U	111-91-1	bis(2-Chloroethoxy)methan	0.0098	U
106-46-7	1,4-Dichlorobenzene	0.010	U	111-44-4	bis(2-Chloroethyl)ether	0.013	U
95-95-4	2,4,5-Trichlorophenol	0.045	U	108-60-1	bis(2-chloroisopropyl)ether	0.0098	U
88-06-2	2,4,6-Trichlorophenol	0.057	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.0090	U
120-83-2	2,4-Dichlorophenol	0.041	U	85-68-7	Butylbenzylphthalate	0.014	U
105-67-9	2,4-Dimethylphenol	0.039	U	86-74-8	Carbazole	0.012	U
51-28-5	2,4-Dinitrophenol	0.033	U	218-01-9	Chrysene	0.0062	U
121-14-2	2,4-Dinitrotoluene	0.017	U	**84-74-2**	**Di-n-butylphthalate**	**0.0075**	**0.036**
606-20-2	2,6-Dinitrotoluene	0.011	U	117-84-0	Di-n-octylphthalate	0.0079	U
91-58-7	2-Chloronaphthalene	0.014	U	53-70-3	Dibenzo[a,h]anthracene	0.017	U
95-57-8	2-Chlorophenol	0.022	U	132-64-9	Dibenzofuran	0.058	U
91-57-6	2-Methylnaphthalene	0.034	U	84-66-2	Diethylphthalate	0.0080	U
95-48-7	2-Methylphenol	0.074	U	131-11-3	Dimethylphthalate	0.017	U
88-74-4	2-Nitroaniline	0.051	U	206-44-0	Fluoranthene	0.012	U
88-75-5	2-Nitrophenol	0.044	U	86-73-7	Fluorene	0.0071	U
106-44-5	3&4-Methylphenol	0.091	U	118-74-1	Hexachlorobenzene	0.019	U
91-94-1	3,3'-Dichlorobenzidine	0.14	U	87-68-3	Hexachlorobutadiene	0.011	U
99-09-2	3-Nitroaniline	0.090	U	77-47-4	Hexachlorocyclopentadiene	0.21	U
534-52-1	4,6-Dinitro-2-methylphenol	0.041	U	67-72-1	Hexachloroethane	0.017	U
101-55-3	4-Bromophenyl-phenylether	0.016	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.024	U
59-50-7	4-Chloro-3-methylphenol	0.066	U	78-59-1	Isophorone	0.0077	U
106-47-8	4-Chloroaniline	0.23	U	621-64-7	N-Nitroso-di-n-propylamine	0.018	U
7005-72-3	4-Chlorophenyl-phenylether	0.013	U	62-75-9	N-Nitrosodimethylamine	0.21	U
100-01-6	4-Nitroaniline	0.081	U	86-30-6	n-Nitrosodiphenylamine	0.012	U
100-02-7	4-Nitrophenol	0.038	U	91-20-3	Naphthalene	0.0063	U
83-32-9	Acenaphthene	0.012	U	98-95-3	Nitrobenzene	0.028	U
208-96-8	Acenaphthylene	0.0066	U	87-86-5	Pentachlorophenol	0.032	U
120-12-7	Anthracene	0.0084	U	85-01-8	Phenanthrene	0.0077	U
92-87-5	Benzidine	0.019	U	108-95-2	Phenol	0.033	U
56-55-3	Benzo[a]anthracene	0.014	U	129-00-0	Pyrene	0.0057	U
50-32-8	Benzo[a]pyrene	0.015	U				

Worksheet #: 18319

Total Target Concentration 0.036

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03629.D Vial: 32
Acq On : 9 Aug 2005 14:50 Operator: AHD
Sample : SMB2617 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 11:30 2005 Quant Results File: 6M_0809.RES

Quant Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration
DataAcq Meth : 6M_0809

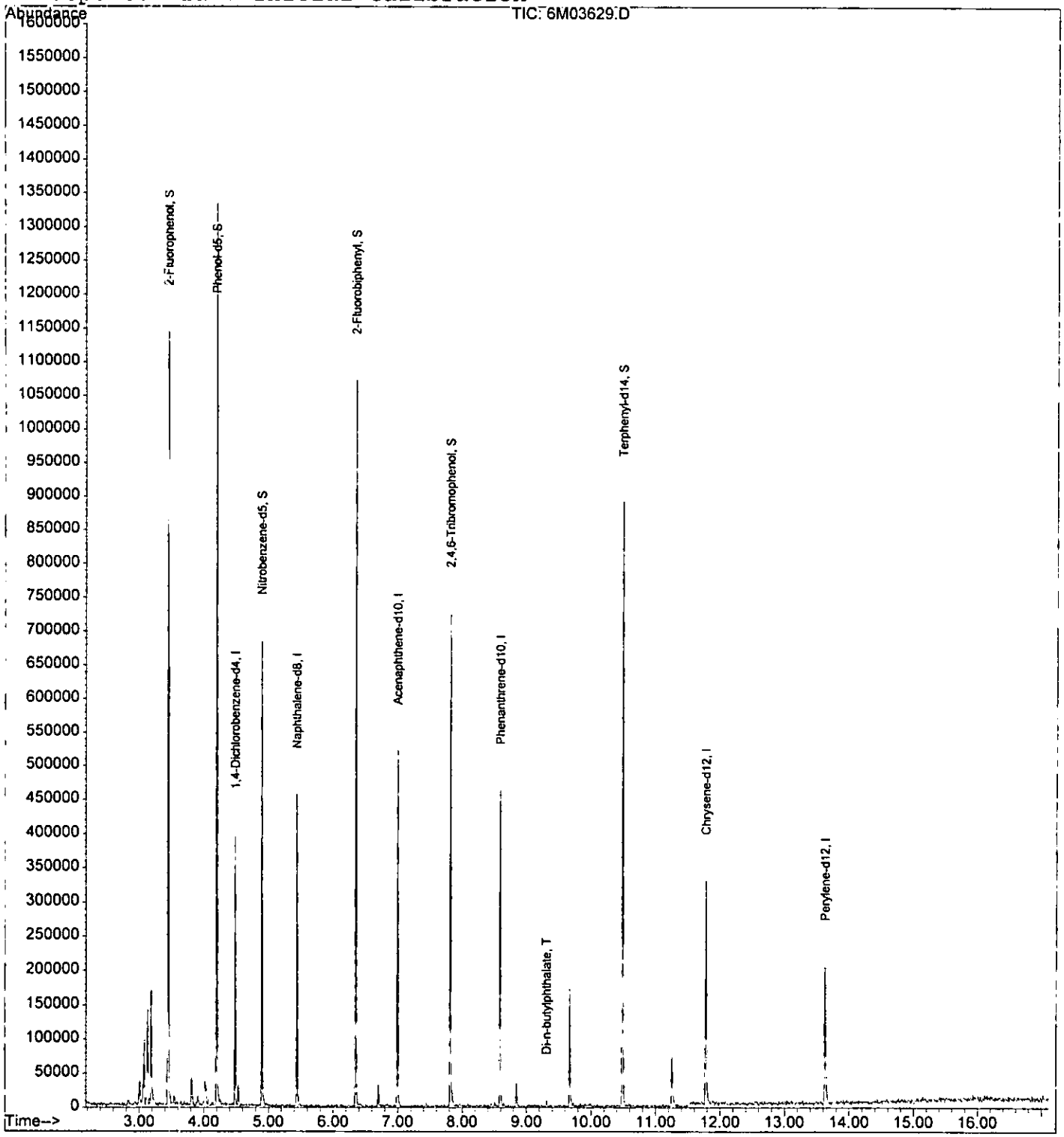
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.49	152	46156	40.00	ng	0.00
20) Naphthalene-d8	5.44	136	155939	40.00	ng	0.00
36) Acenaphthene-d10	7.00	164	88214	40.00	ng	0.00
61) Phenanthrene-d10	8.59	188	153306	40.00	ng	0.00
74) Chrysene-d12	11.78	240	99039	40.00	ng	0.00
83) Perylene-d12	13.63	264	59083	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.45	112	254412	188.22	ng	0.00
Spiked Amount 200.000			Recovery = 94.11%			
8) Phenol-d5	4.20	99	339697	188.25	ng	0.00
Spiked Amount 200.000			Recovery = 94.13%			
21) Nitrobenzene-d5	4.89	128	71155	90.43	ng	0.00
Spiked Amount 100.000			Recovery = 90.43%			
41) 2-Fluorobiphenyl	6.35	172	245194	88.81	ng	0.00
Spiked Amount 100.000			Recovery = 88.81%			
64) 2,4,6-Tribromophenol	7.82	332	46844	157.18	ng	0.00
Spiked Amount 200.000			Recovery = 78.59%			
77) Terphenyl-d14	10.49	244	244319	93.95	ng	0.00
Spiked Amount 100.000			Recovery = 93.95%			
Target Compounds						Qvalue
72) Di-n-butylphthalate	9.31	149	5746	1.07	ng	77

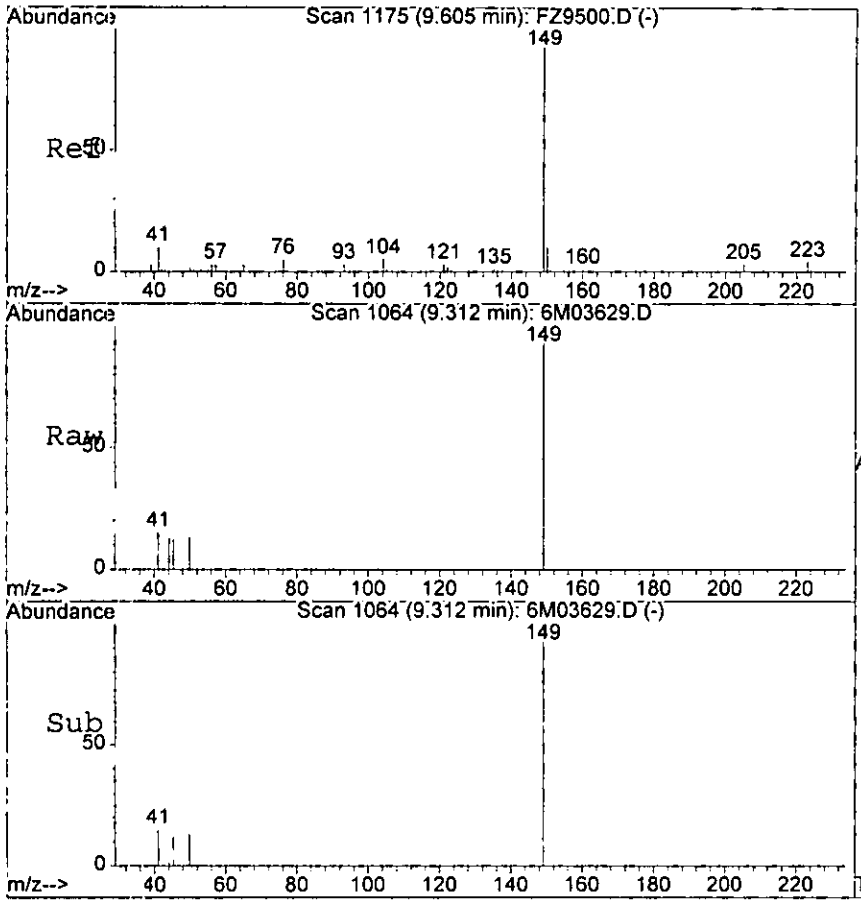
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_6\Data\08-09-05\6M03629.D Vial: 52
Acq On : 9 Aug 2005 14:50 Operator: AHD
Sample : SMB2617 Inst : gcms_6
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 15 11:30 2005 Quant Results File: 6M_0809.RES

Method : G:\GCMSDATA\2005\GCMS_6\METHODS\6M_0809.M (RTE Integrator)
Title : @GCMS_6,mg,625,8270
Last Update : Tue Aug 09 14:21:58 2005
Response via : Initial Calibration





#72
Di-n-butylphthalate
Concen: 1.07 ng
RT: 9.31 min Scan# 1064
Delta R.T. 0.00 min
Lab File: 6M03629.D
Acq: 9 Aug 2005 14:50

8956

Tgt Ion:149 Resp: 5746

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	49.7
104	0.0	0.0	45.0