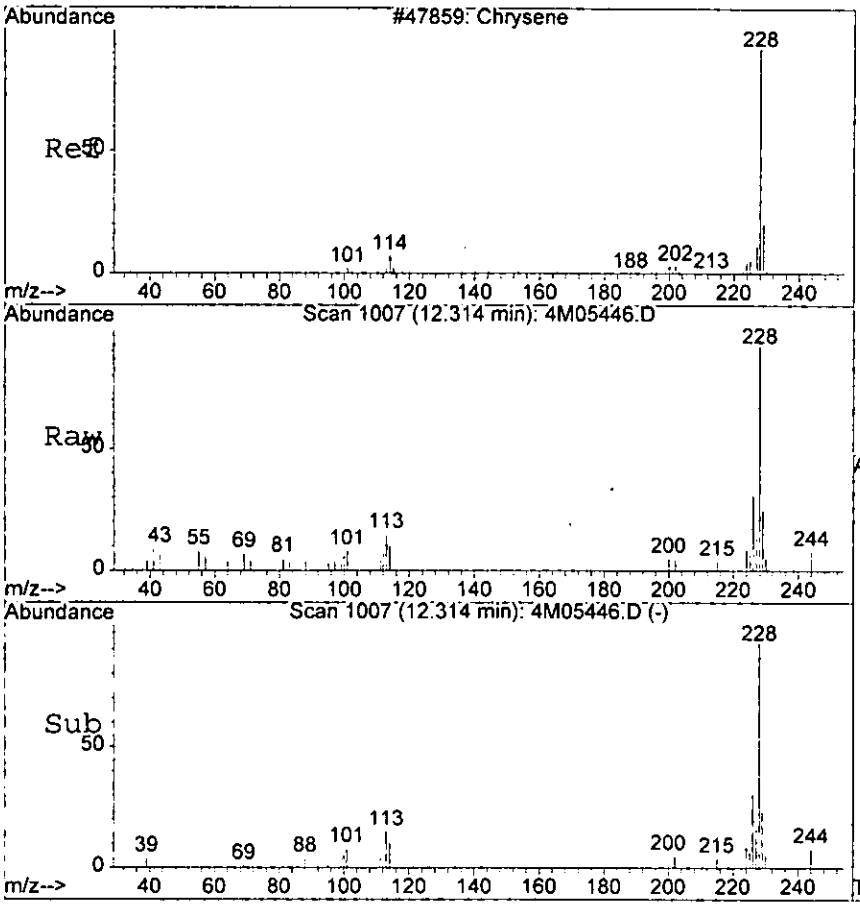
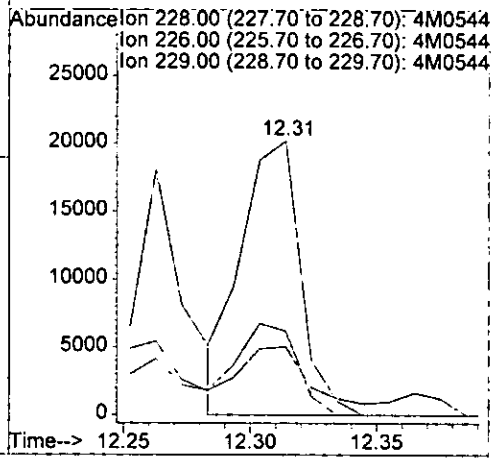
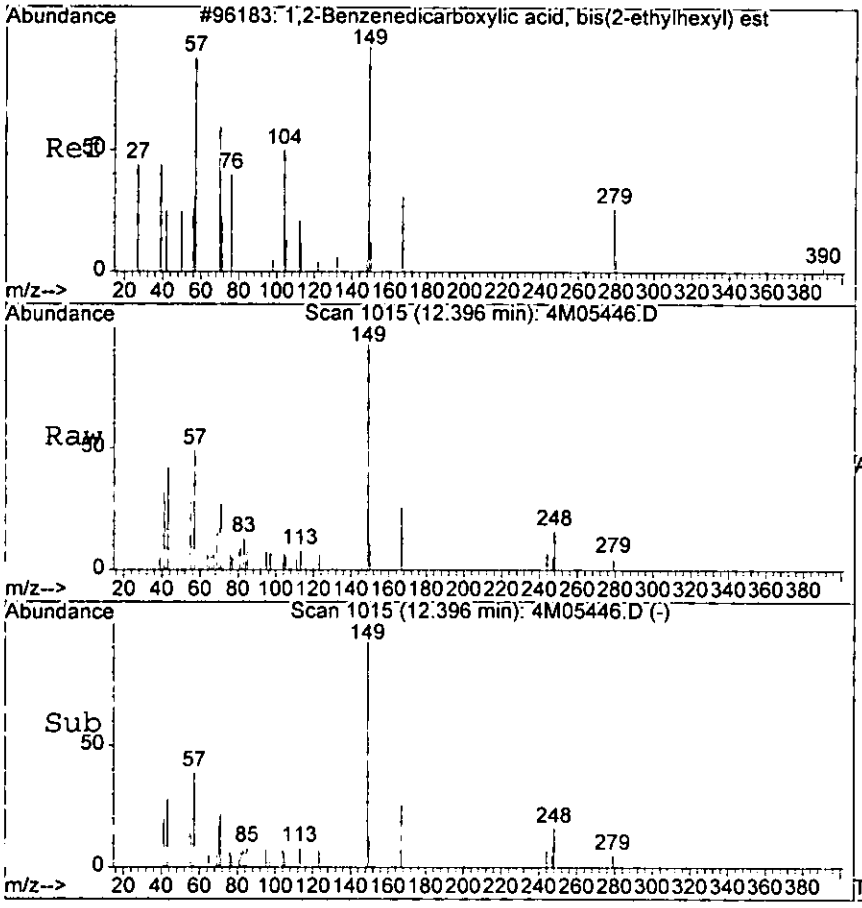


#79
Chrysene
Concen: 26.42 ng
RT: 12.31 min Scan# 1007
Delta R.T. -0.05 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:228	Resp:	32845	
Ion	Ratio	Lower	Upper
228	100		
226	30.9	12.0	52.0
229	20.2	0.0	61.1

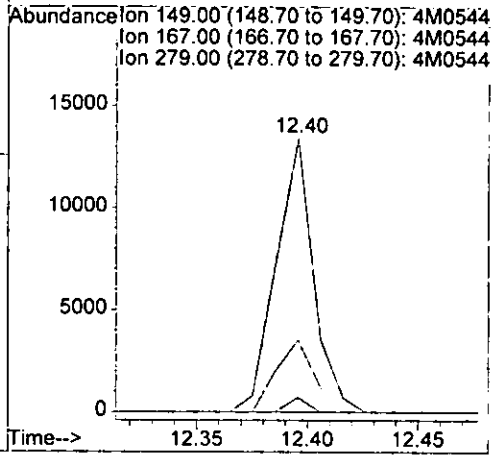


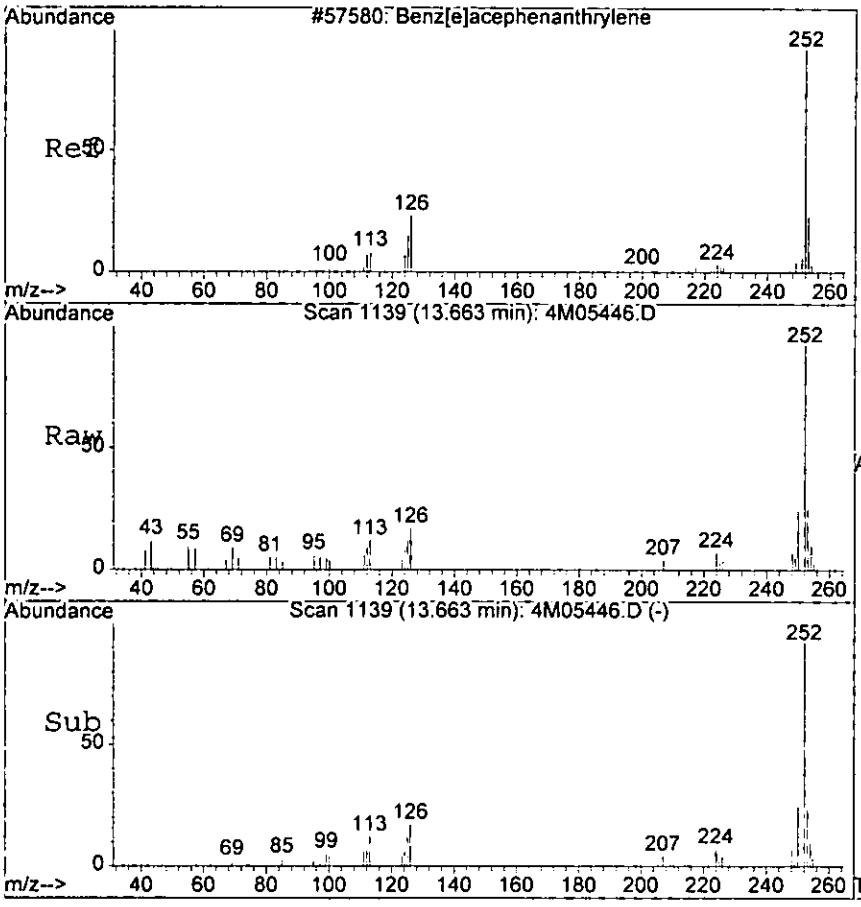


#80
bis(2-Ethylhexyl)phthalate
Concen: 14.56 ng
RT: 12.40 min Scan# 1015
Delta R.T. -0.06 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:149 Resp: 15745

Ion	Ratio	Lower	Upper
149	100		
167	26.3	0.0	53.9
279	5.3	0.0	43.5

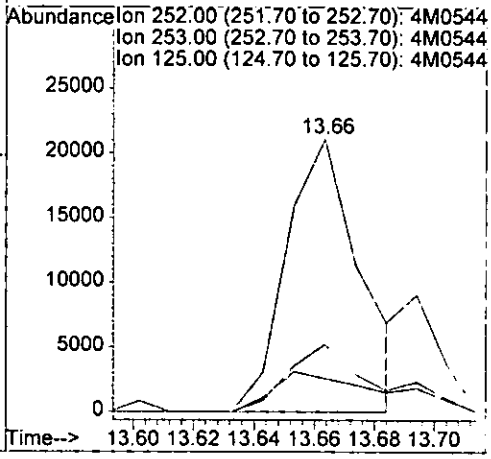


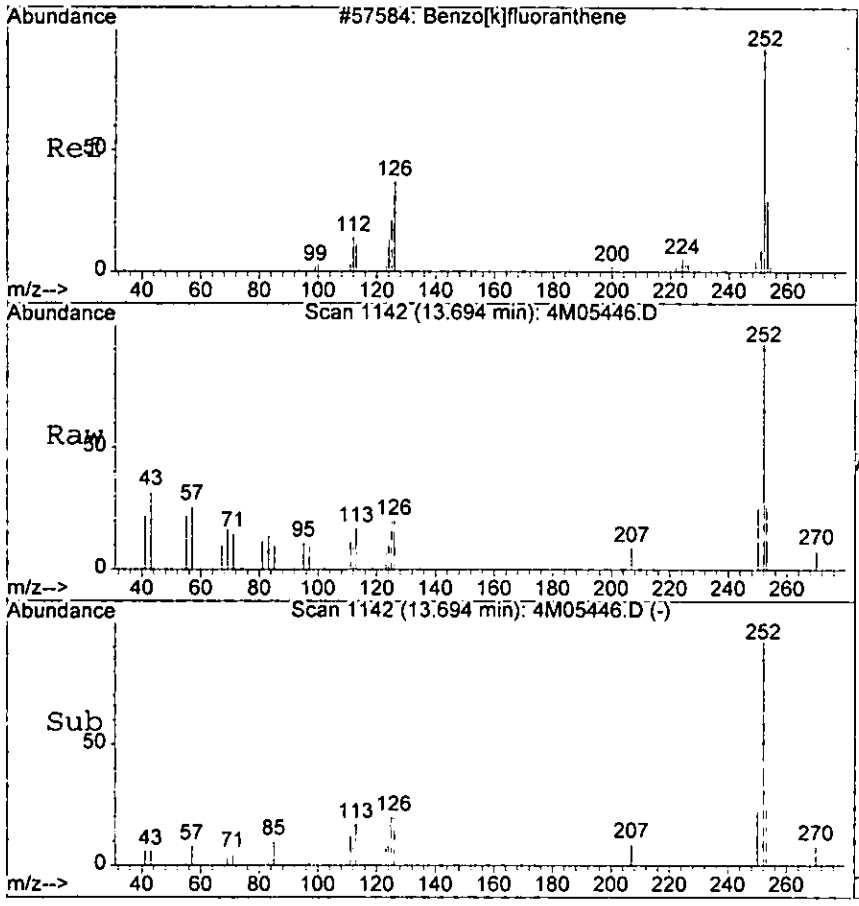


#83
Benzo[b]fluoranthene
Concen: 25.81 ng m
RT: 13.66 min Scan# 1139
Delta R.T. -0.05 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:252 Resp: 35805

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	63.3
125	12.2	0.0	57.6



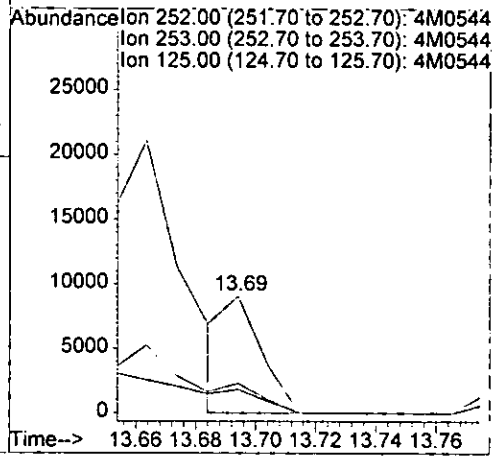


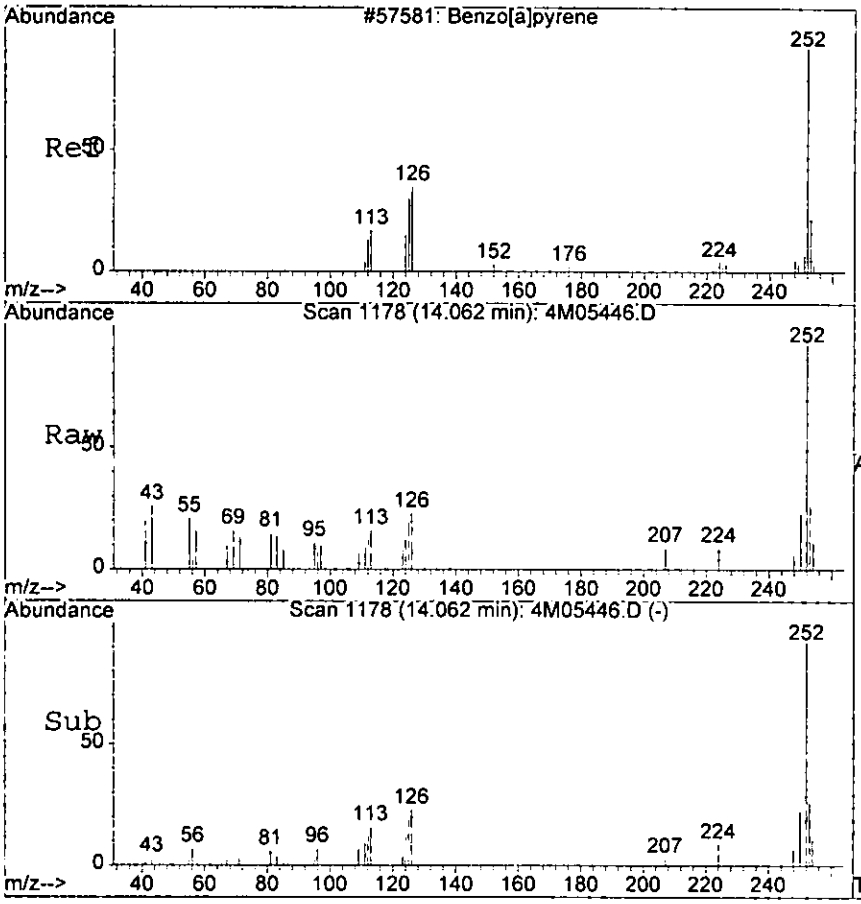
#84
Benzo[k]fluoranthene
Concen: 6.47 ng m
RT: 13.69 min Scan# 1142
Delta R.T. -0.05 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

8-23-05

Tgt Ion:252 Resp: 7774

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	63.5
125	20.4	0.0	53.8

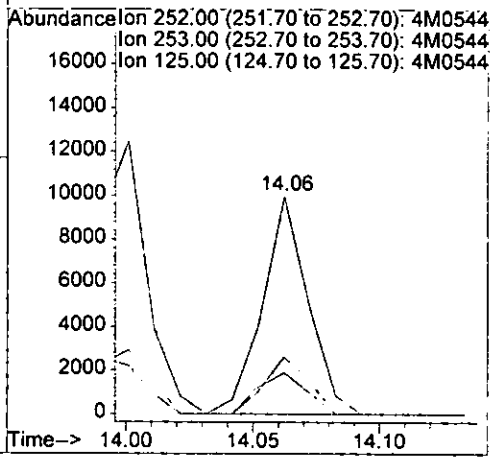




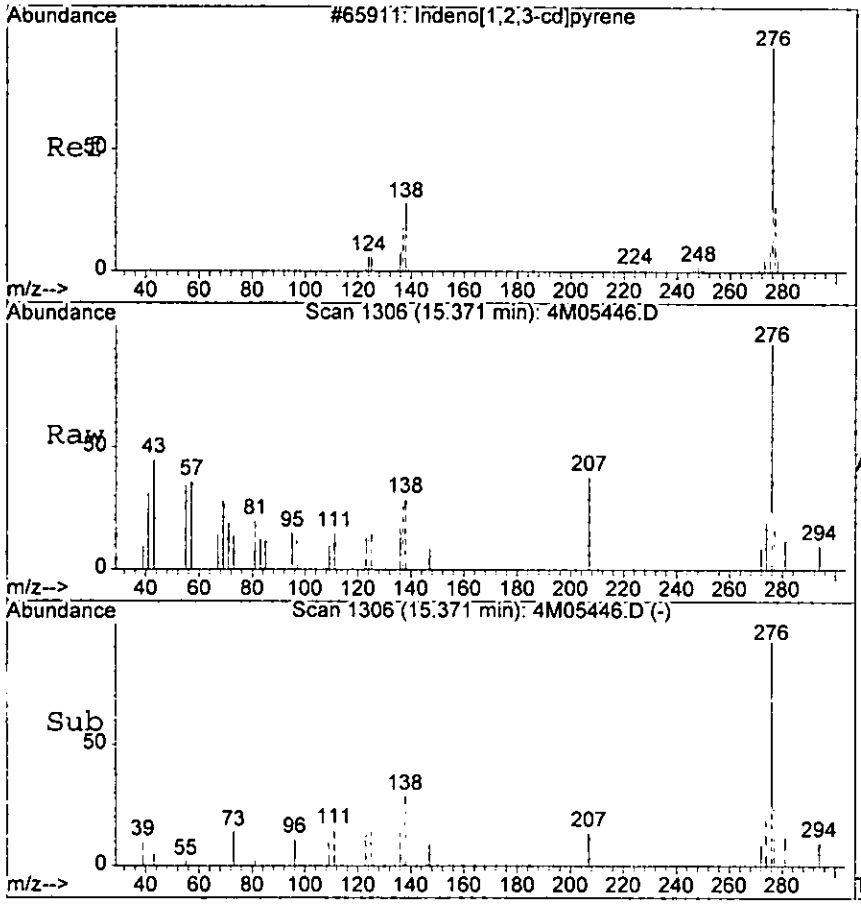
#85
Benzo[a]pyrene
Concen: 10.92 ng
RT: 14.06 min Scan# 1178
Delta R.T. -0.05 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:252 Resp: 12458

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	62.9
125	19.0	0.0	57.6



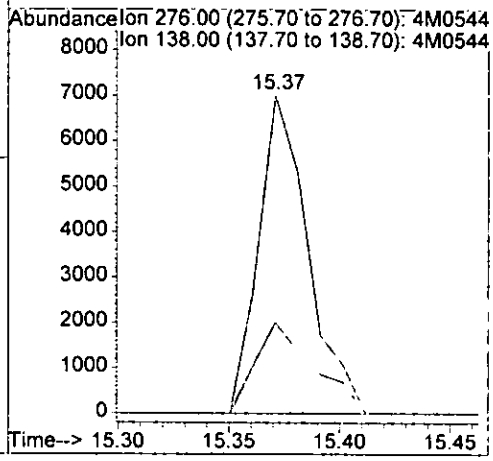
8-23-05

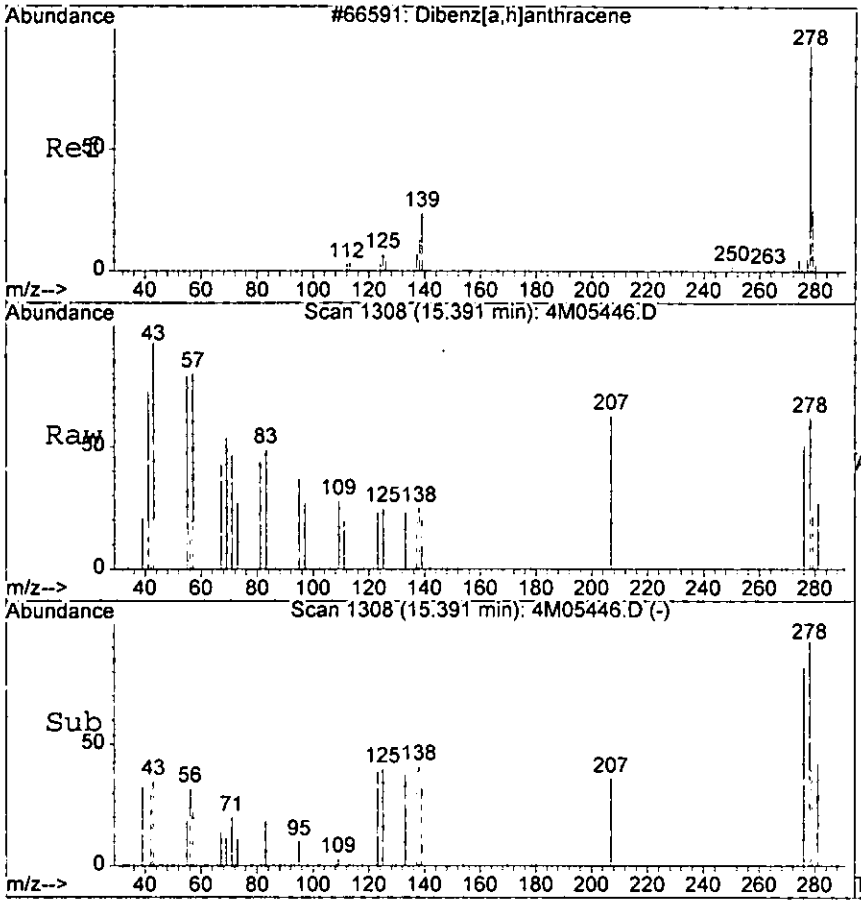


#86
Indeno[1,2,3-cd]pyrene
Concen: 10.50 ng
RT: 15.37 min Scan# 1306
Delta R.T. -0.05 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:276 Resp: 10863

Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	73.4

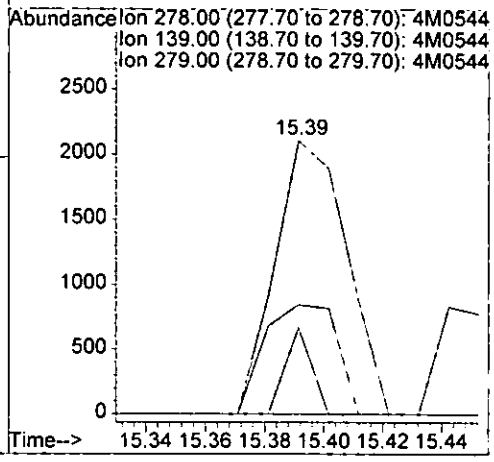




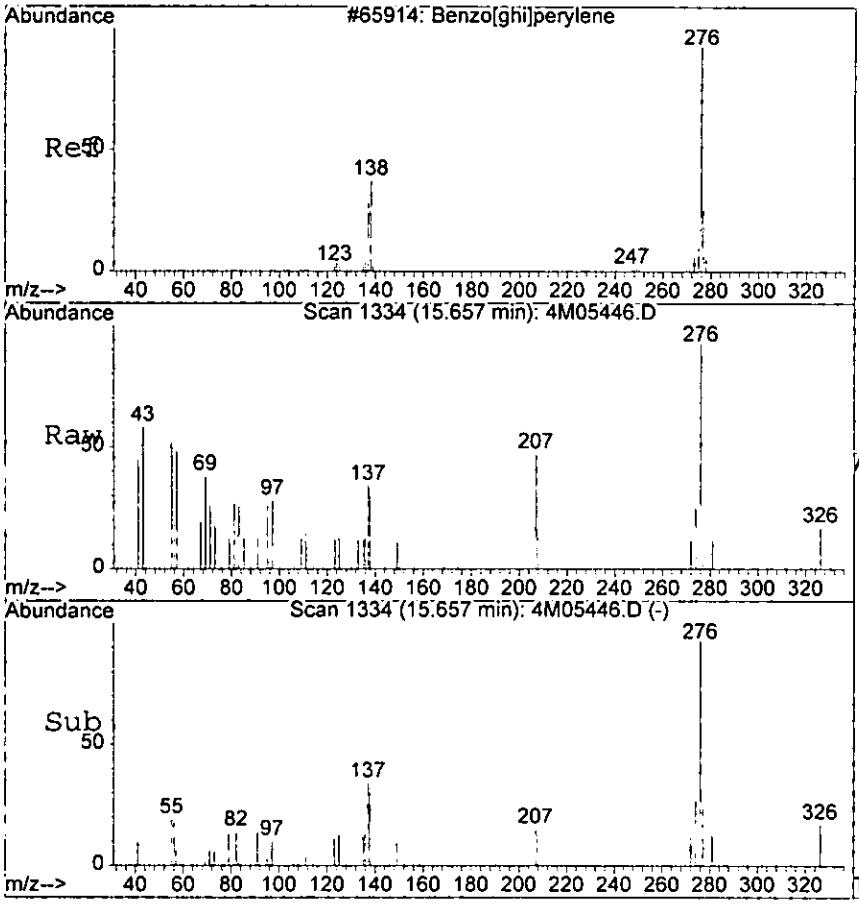
#87
Dibenzo[a,h]anthracene
Concen: 4.19 ng
RT: 15.39 min Scan# 1308
Delta R.T. -0.06 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:278 Resp: 3550

Ion	Ratio	Lower	Upper
278	100		
139	31.8	0.0	63.8
279	40.1	0.0	64.0



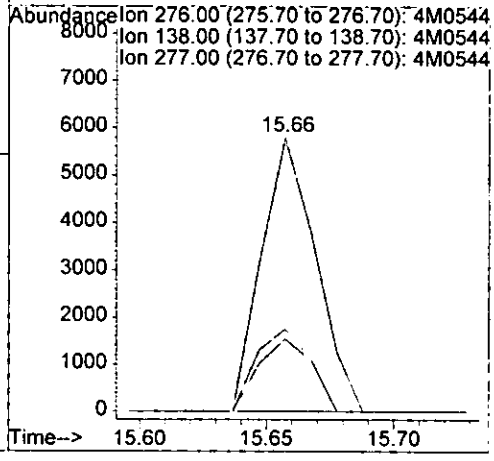
1810



#88
Benzo[g,h,i]perylene
Concen: 10.37 ng
RT: 15.66 min Scan# 1334
Delta R.T. -0.05 min
Lab File: 4M05446.D
Acq: 8 Aug 2005 14:59

Tgt Ion:276 Resp: 8562

Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	74.1
277	26.6	0.0	65.0



8-23-05

12 8105

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18778-014
Client Id: PCSB-30(2.0')
Data File: 5M09792.D
Analysis Date: 08/05/05 11:29
Date Rec/Extracted: 07/27/05-08/04/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 66

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0088	U	205-99-2	Benzo[b]fluoranthene	0.014	U
95-50-1	1,2-Dichlorobenzene	0.020	U	191-24-2	Benzo[g,h,i]perylene	0.0073	U
122-66-7	1,2-Diphenylhydrazine	0.017	U	207-08-9	Benzo[k]fluoranthene	0.018	U
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.012	U
106-46-7	1,4-Dichlorobenzene	0.0089	U	111-44-4	bis(2-Chloroethyl)ether	0.022	U
95-95-4	2,4,5-Trichlorophenol	0.078	U	108-60-1	bis(2-chloroisopropyl)ether	0.010	U
88-06-2	2,4,6-Trichlorophenol	0.038	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.032	U
120-83-2	2,4-Dichlorophenol	0.067	U	85-68-7	Butylbenzylphthalate	0.014	U
105-67-9	2,4-Dimethylphenol	0.043	U	86-74-8	Carbazole	0.0097	U
51-28-5	2,4-Dinitrophenol	0.093	U	218-01-9	Chrysene	0.014	U
121-14-2	2,4-Dinitrotoluene	0.018	U	84-74-2	Di-n-butylphthalate	0.010	U
606-20-2	2,6-Dinitrotoluene	0.023	U	117-84-0	Di-n-octylphthalate	0.017	U
91-58-7	2-Chloronaphthalene	0.0057	U	53-70-3	Dibenzo[a,h]anthracene	0.0092	U
95-57-8	2-Chlorophenol	0.093	U	132-64-9	Dibenzofuran	0.065	U
91-57-6	2-Methylnaphthalene	0.086	U	84-66-2	Diethylphthalate	0.012	U
95-48-7	2-Methylphenol	0.19	U	131-11-3	Dimethylphthalate	0.0087	U
88-74-4	2-Nitroaniline	0.065	U	206-44-0	Fluoranthene	0.0083	U
88-75-5	2-Nitrophenol	0.062	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.19	U	118-74-1	Hexachlorobenzene	0.020	U
91-94-1	3,3'-Dichlorobenzidine	0.089	U	87-68-3	Hexachlorobutadiene	0.012	U
99-09-2	3-Nitroaniline	0.13	U	77-47-4	Hexachlorocyclopentadiene	0.14	U
534-52-1	4,6-Dinitro-2-methylphenol	0.096	U	67-72-1	Hexachloroethane	0.018	U
101-55-3	4-Bromophenyl-phenylether	0.021	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0086	U
59-50-7	4-Chloro-3-methylphenol	0.10	U	78-59-1	Isophorone	0.27	U
106-47-8	4-Chloroaniline	0.34	U	621-64-7	N-Nitroso-di-n-propylamine	0.016	U
7005-72-3	4-Chlorophenyl-phenylether	0.014	U	62-75-9	N-Nitrosodimethylamine	0.56	U
100-01-6	4-Nitroaniline	0.075	U	86-30-6	n-Nitrosodiphenylamine	0.014	U
100-02-7	4-Nitrophenol	0.071	U	91-20-3	Naphthalene	0.0049	U
83-32-9	Acenaphthene	0.0083	U	98-95-3	Nitrobenzene	0.014	U
208-96-8	Acenaphthylene	0.0076	U	87-86-5	Pentachlorophenol	0.049	U
120-12-7	Anthracene	0.010	U	85-01-8	Phenanthrene	0.011	U
92-87-5	Benzidine	0.52	U	108-95-2	Phenol	0.083	U
56-55-3	Benzo[a]anthracene	0.0070	U	129-00-0	Pyrene	0.012	U
50-32-8	Benzo[a]pyrene	0.0084	U				

Worksheet #: 18054

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\08-05-05\5M09792.D Vial: 15
Acq On : 5 Aug 2005 11:29 Operator: AHD
Sample : AC18778-014 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:25 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	12297	40.00	ng	-0.15
20) Naphthalene-d8	6.14	136	47653	40.00	ng	-0.14
36) Acenaphthene-d10	7.47	164	29970	40.00	ng	-0.16
61) Phenanthrene-d10	8.84	188	51376	40.00	ng	-0.19
77) Chrysene-d12	11.82	240	38482	40.00	ng	-0.22
88) Perylene-d12	13.40	264	28144	40.00	ng	-0.22
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	55151	133.16	ng	-0.19
Spiked Amount 200.000			Recovery = 66.58%			
8) Phenol-d5	4.80	99	76377	126.11	ng	-0.15
Spiked Amount 200.000			Recovery = 63.05%			
21) Nitrobenzene-d5	5.58	128	14049	67.34	ng	-0.14
Spiked Amount 100.000			Recovery = 67.34%			
41) 2-Fluorobiphenyl	6.95	172	63365	67.64	ng	-0.14
Spiked Amount 100.000			Recovery = 67.64%			
64) 2,4,6-Tribromophenol	8.16	330	15197	138.21	ng	-0.18
Spiked Amount 200.000			Recovery = 69.11%			
80) Terphenyl-d14	10.61	244	69691	76.66	ng	-0.20
Spiked Amount 100.000			Recovery = 76.66%			

Target Compounds Qvalue

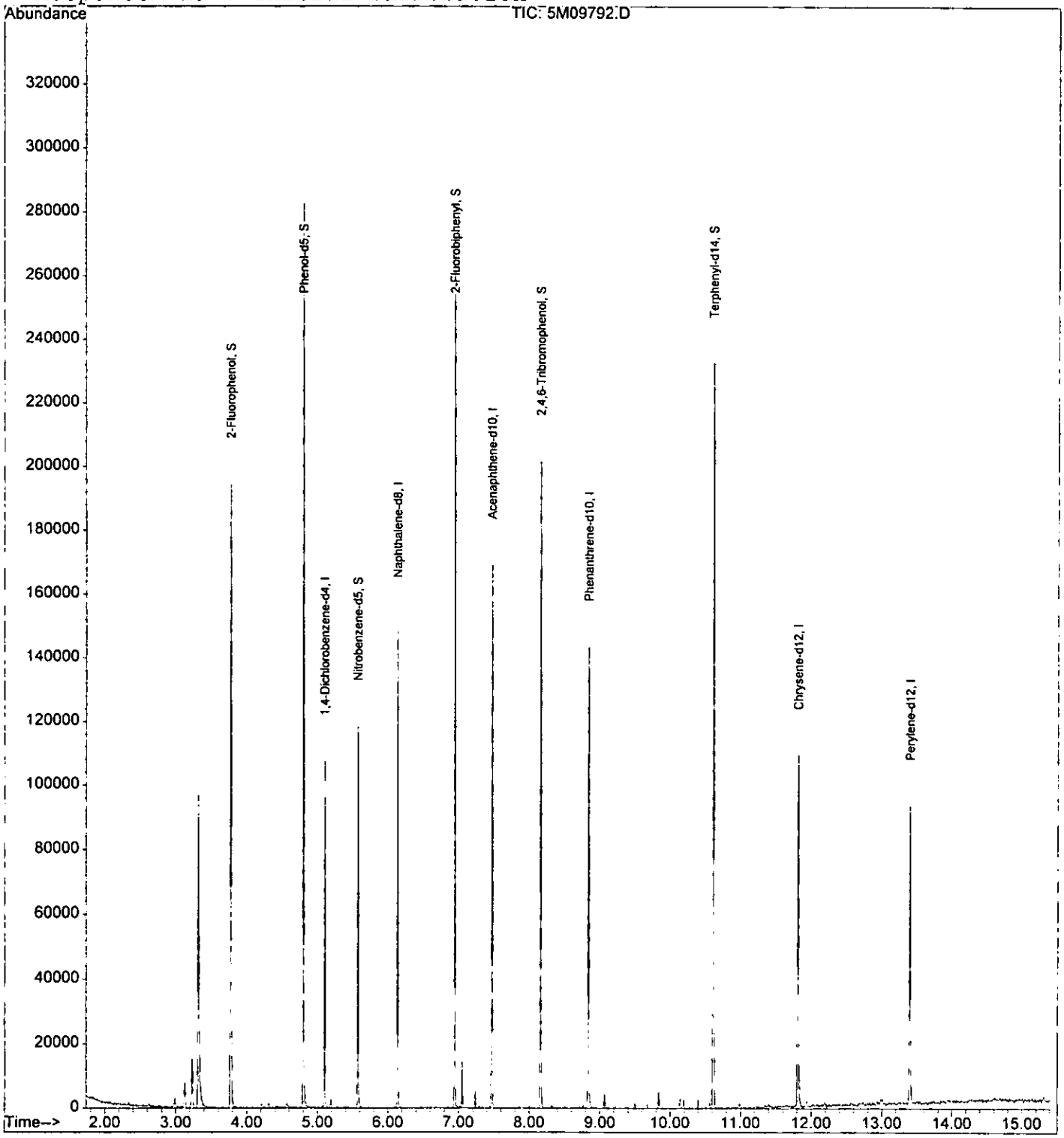
8/10/05

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09792.D Vial: 15 8/2/05
Acq On : 5 Aug 2005 11:29 Operator: AHD
Sample : AC18778-014 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:25 2005 Quant Results File: 5M_0722.R

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

8-23-05 000643

Sample Number: AC18778-015	Matrix: Soil
Client Id: PCSB-30(15.0')	Initial Vol: 30g
Data File: 5M09793.D	Final Vol: 1ml
Analysis Date: 08/05/05 11:51	Dilution: 1
Date Rec/Extracted: 07/27/05-08/04/05	Solids: 52

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	0.018	U
95-50-1	1,2-Dichlorobenzene	0.026	U	191-24-2	Benzo[g,h,i]perylene	0.0092	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	0.099	U	108-60-1	bis(2-chloroisopropyl)ether	0.013	U
88-06-2	2,4,6-Trichlorophenol	0.048	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.041**	**0.27**
120-83-2	2,4-Dichlorophenol	0.085	U	85-68-7	Butylbenzylphthalate	0.017	U
105-67-9	2,4-Dimethylphenol	0.054	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	0.023	U	84-74-2	Di-n-butylphthalate	0.013	U
606-20-2	2,6-Dinitrotoluene	0.029	U	117-84-0	Di-n-octylphthalate	0.022	U
91-58-7	2-Chloronaphthalene	0.0073	U	53-70-3	Dibenzo[a,h]anthracene	0.012	U
95-57-8	2-Chlorophenol	0.12	U	132-64-9	Dibenzofuran	0.083	U
91-57-6	2-Methylnaphthalene	0.11	U	84-66-2	Diethylphthalate	0.015	U
95-48-7	2-Methylphenol	0.24	U	131-11-3	Dimethylphthalate	0.011	U
88-74-4	2-Nitroaniline	0.083	U	**206-44-0**	**Fluoranthene**	**0.011**	**0.075**
88-75-5	2-Nitrophenol	0.079	U	86-73-7	Fluorene	0.015	U
106-44-5	3&4-Methylphenol	0.24	U	118-74-1	Hexachlorobenzene	0.026	U
91-94-1	3,3'-Dichlorobenzidine	0.11	U	87-68-3	Hexachlorobutadiene	0.016	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	0.44	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	0.71	U
100-01-6	4-Nitroaniline	0.096	U	86-30-6	n-Nitrosodiphenylamine	0.018	U
100-02-7	4-Nitrophenol	0.091	U	91-20-3	Naphthalene	0.0062	U
83-32-9	Acenaphthene	0.011	U	98-95-3	Nitrobenzene	0.018	U
208-96-8	Acenaphthylene	0.0097	U	87-86-5	Pentachlorophenol	0.062	U
120-12-7	Anthracene	0.013	U	85-01-8	Phenanthrene	0.014	U
92-87-5	Benzidine	0.66	U	108-95-2	Phenol	0.11	U
56-55-3	Benzo[a]anthracene	0.0089	U	**129-00-0**	**Pyrene**	**0.015**	**0.069**
50-32-8	Benzo[a]pyrene	0.011	U				

Worksheet #: 18054

Total Target Concentration 0.414

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\08-05-05\5M09793.D Vial: 16
Acq On : 5 Aug 2005 11:51 Operator: AHD
Sample : AC18778-015 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:25 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	15802	40.00	ng	-0.15
20) Naphthalene-d8	6.14	136	64249	40.00	ng	-0.14
36) Acenaphthene-d10	7.47	164	37070	40.00	ng	-0.16
61) Phenanthrene-d10	8.84	188	64533	40.00	ng	-0.19
77) Chrysene-d12	11.82	240	50949	40.00	ng	-0.22
88) Perylene-d12	13.40	264	40361	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	82921	155.80	ng	-0.19
Spiked Amount 200.000			Recovery = 77.90%			
8) Phenol-d5	4.80	99	110474	141.95	ng	-0.15
Spiked Amount 200.000			Recovery = 70.97%			
21) Nitrobenzene-d5	5.58	128	20616	73.29	ng	-0.14
Spiked Amount 100.000			Recovery = 73.29%			
41) 2-Fluorobiphenyl	6.95	172	94024	81.14	ng	-0.14
Spiked Amount 100.000			Recovery = 81.14%			
64) 2,4,6-Tribromophenol	8.16	330	22929	166.02	ng	-0.18
Spiked Amount 200.000			Recovery = 83.01%			
80) Terphenyl-d14	10.62	244	99804	82.92	ng	-0.19
Spiked Amount 100.000			Recovery = 82.92%			
Target Compounds						Qvalue
76) Fluoranthene	10.14	202	2373	1.17	ng	93
78) Pyrene	10.40	202	2188	1.07	ng	90
87) bis(2-Ethylhexyl)phthalate	11.93	149	5258	4.24	ng	62

8/10/05

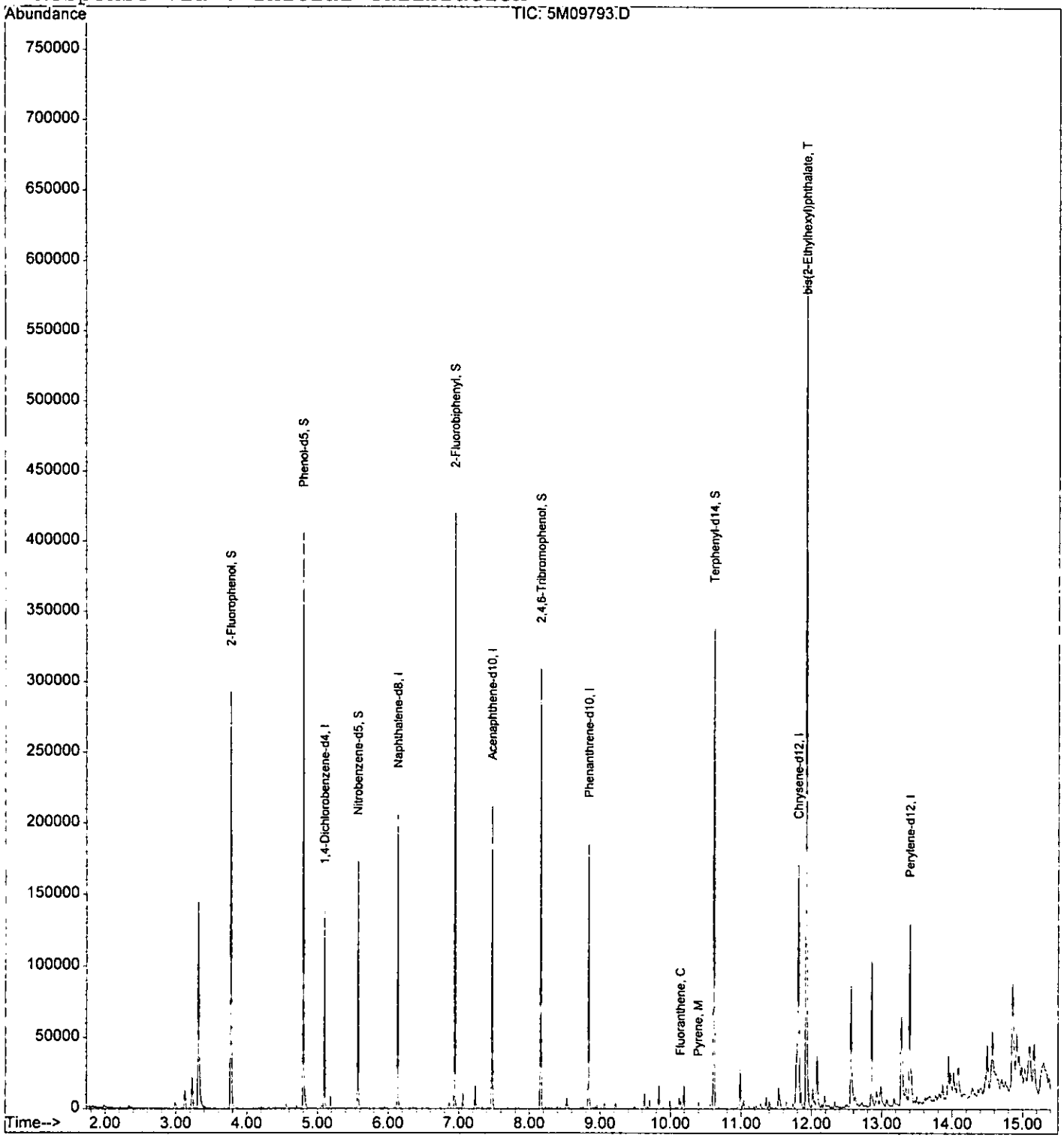
(#) = qualifier out of range (m) = manual integration

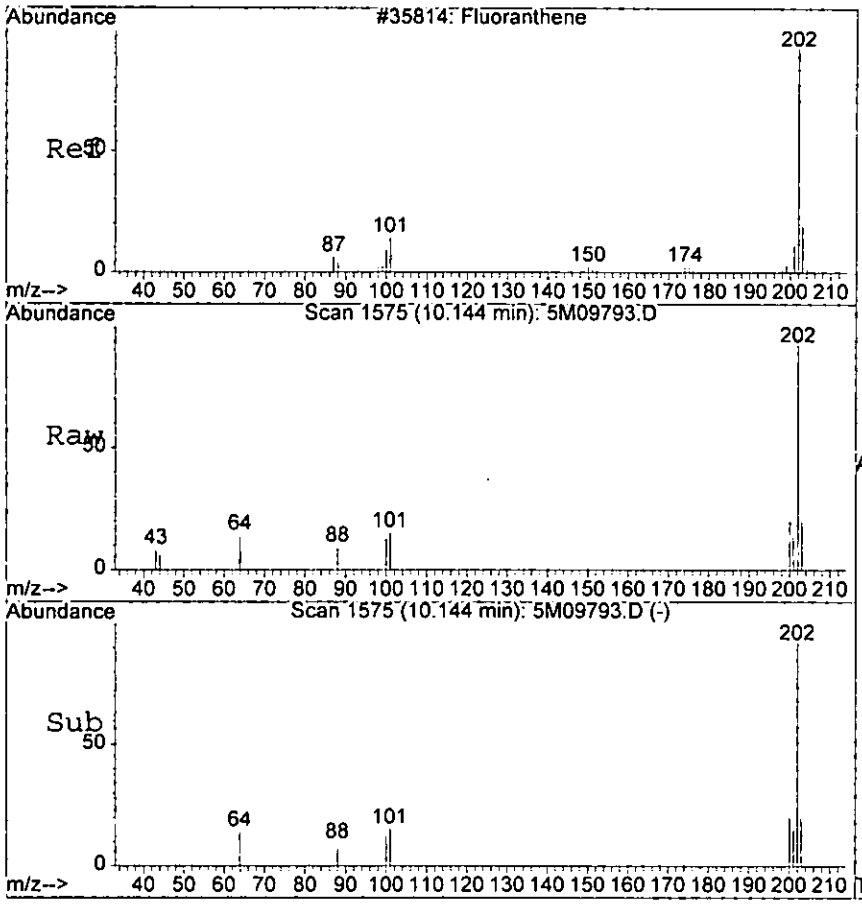
Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09793.D Vial: 16
Acq On : 5 Aug 2005 11:51 Operator: AHD
Sample : AC18778-015 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:25 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

8-22-05

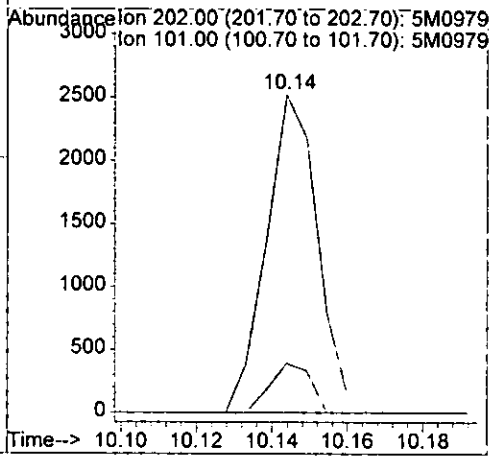


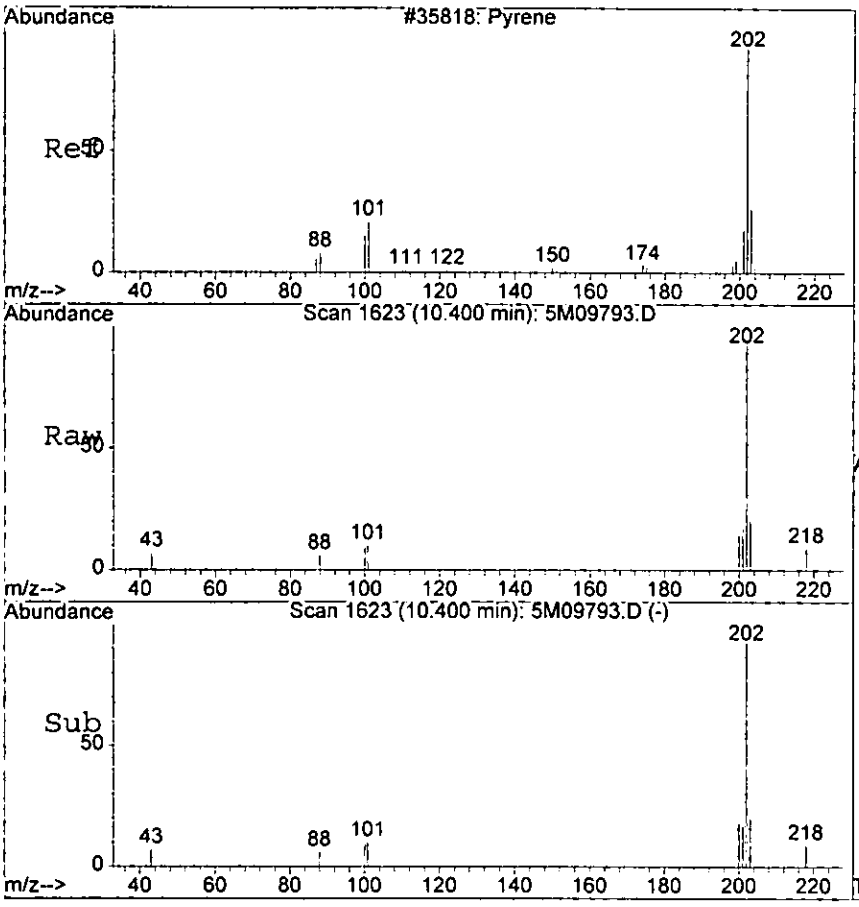


#76
Fluoranthene
Concen: 1.17 ng
RT: 10.14 min Scan# 1575
Delta R.T. -0.21 min
Lab File: 5M09793.D
Acq: 5 Aug 2005 11:51

Tgt Ion:202 Resp: 2373

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	52.5



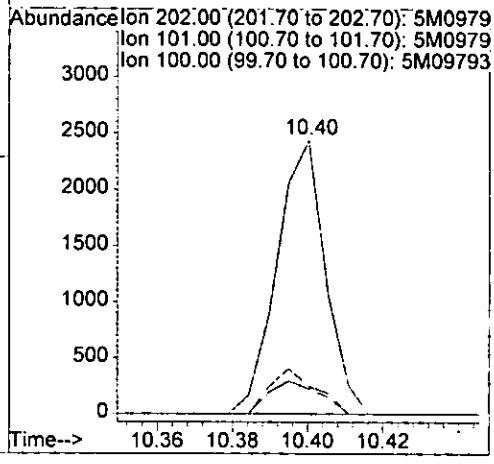


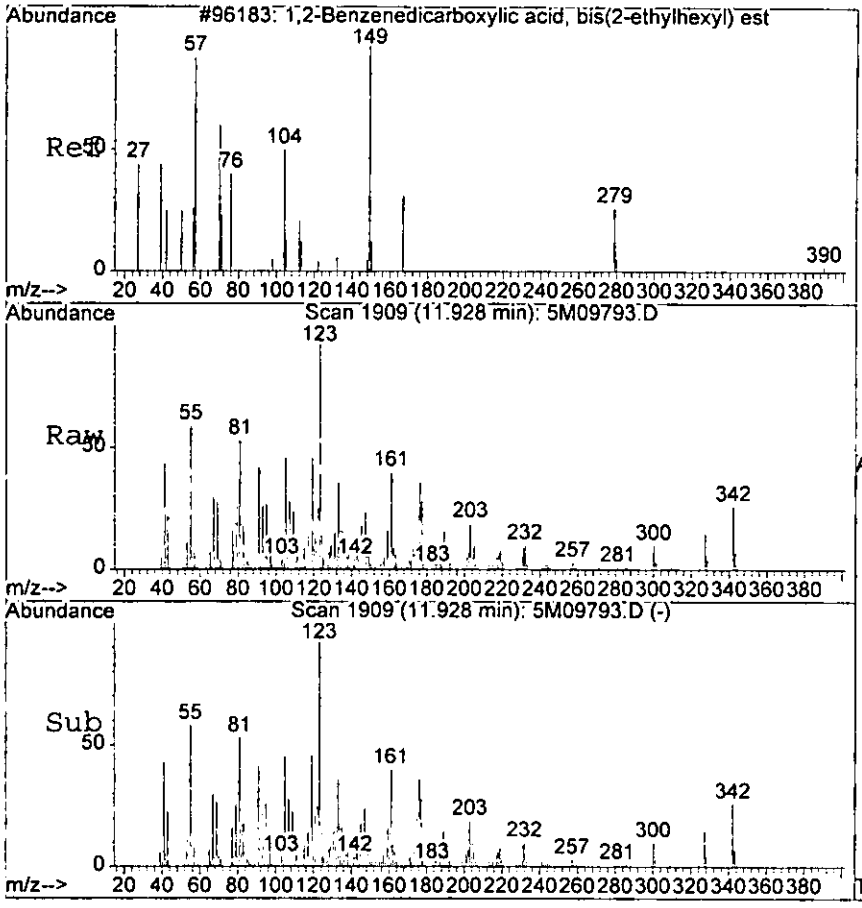
#78
Pyrene
Concen: 1.07 ng
RT: 10.40 min Scan# 1623
Delta R.T. -0.21 min
Lab File: 5M09793.D
Acq: 5 Aug 2005 11:51

8-23-05

Tgt Ion:202 Resp: 2188

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	55.5
100	9.3	0.0	52.1

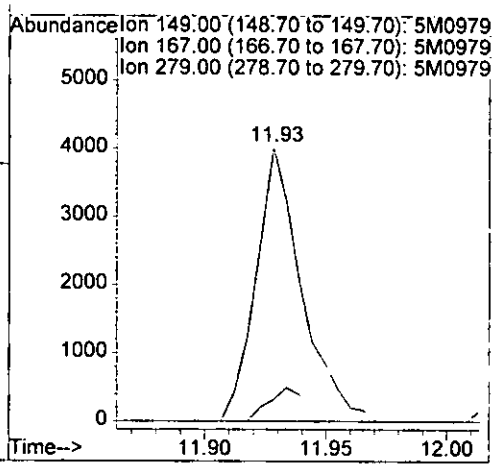




#87
bis(2-Ethylhexyl)phthalate
Concen: 4.24 ng
RT: 11.93 min Scan# 1909
Delta R.T. -0.20 min
Lab File: 5M09793.D
Acq: 5 Aug 2005 11:51

Tgt Ion:149 Resp: 5258

Ion	Ratio	Lower	Upper
149	100		
167	8.0	2.4	58.4
279	0.0	0.0	44.1



8-23-05

000648

Form1

ORGANICS SEMIVOLATILE REPORT

8-23-05 TPC 0711

000649

Sample Number: AC18778-016(5X)
Client Id: PCSB-34(0.5')
Data File: 4M05444.D
Analysis Date: 08/08/05 14:11
Date Rec/Extracted: 07/27/05-08/04/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.054	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.060**	**19**
95-50-1	1,2-Dichlorobenzene	0.092	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.038**	**13**
122-66-7	1,2-Diphenylhydrazine	0.058	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.065**	**7.4**
541-73-1	1,3-Dichlorobenzene	0.084	U	111-91-1	bis(2-Chloroethoxy)methan	0.046	U
106-46-7	1,4-Dichlorobenzene	0.10	U	111-44-4	bis(2-Chloroethyl)ether	0.11	U
95-95-4	2,4,5-Trichlorophenol	2.7	U	108-60-1	bis(2-chloroisopropyl)ether	0.065	U
88-06-2	2,4,6-Trichlorophenol	4.9	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.18**	**0.23**
120-83-2	2,4-Dichlorophenol	0.32	U	85-68-7	Butylbenzylphthalate	0.081	U
105-67-9	2,4-Dimethylphenol	0.28	U	**86-74-8**	**Carbazole**	**0.059**	**0.75**
51-28-5	2,4-Dinitrophenol	1.4	U	**218-01-9**	**Chrysene**	**0.042**	**16**
121-14-2	2,4-Dinitrotoluene	0.075	U	84-74-2	Di-n-butylphthalate	0.045	U
606-20-2	2,6-Dinitrotoluene	0.083	U	117-84-0	Di-n-octylphthalate	0.047	U
91-58-7	2-Chloronaphthalene	0.055	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.070**	**4.3**
95-57-8	2-Chlorophenol	0.41	U	**132-64-9**	**Dibenzofuran**	**0.25**	**0.83**
91-57-6	**2-Methylnaphthalene**	**0.26**	**0.74**	84-66-2	Diethylphthalate	0.055	U
95-48-7	2-Methylphenol	0.96	U	131-11-3	Dimethylphthalate	0.045	U
88-74-4	2-Nitroaniline	0.14	U	**206-44-0**	**Fluoranthene**	**0.058**	**30**
88-75-5	2-Nitrophenol	0.23	U	**86-73-7**	**Fluorene**	**0.051**	**1.3**
106-44-5	3&4-Methylphenol	1.1	U	118-74-1	Hexachlorobenzene	0.093	U
91-94-1	3,3'-Dichlorobenzidine	0.44	U	87-68-3	Hexachlorobutadiene	0.085	U
99-09-2	3-Nitroaniline	0.83	U	77-47-4	Hexachlorocyclopentadiene	0.53	U
534-52-1	4,6-Dinitro-2-methylphenol	0.38	U	67-72-1	Hexachloroethane	0.15	U
101-55-3	4-Bromophenyl-phenylether	0.077	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.028**	**11**
59-50-7	4-Chloro-3-methylphenol	0.51	U	78-59-1	Isophorone	0.062	U
106-47-8	4-Chloroaniline	1.5	U	621-64-7	N-Nitroso-di-n-propylamine	0.097	U
7005-72-3	4-Chlorophenyl-phenylether	0.093	U	62-75-9	N-Nitrosodimethylamine	2.4	U
100-01-6	4-Nitroaniline	0.50	U	86-30-6	n-Nitrosodiphenylamine	0.096	U
100-02-7	4-Nitrophenol	0.36	U	**91-20-3**	**Naphthalene**	**0.047**	**1.0**
83-32-9	Acenaphthene	0.084	U	98-95-3	Nitrobenzene	0.080	U
208-96-8	**Acenaphthylene**	**0.046**	**2.3**	87-86-5	Pentachlorophenol	0.25	U
120-12-7	**Anthracene**	**0.053**	**4.2**	**85-01-8**	**Phenanthrene**	**0.046**	**15**
92-87-5	Benzidine	0.45	U	108-95-2	Phenol	0.31	U
56-55-3	**Benzo[a]anthracene**	**0.035**	**16**	**129-00-0**	**Pyrene**	**0.047**	**26**
50-32-8	**Benzo[a]pyrene**	**0.046**	**14**				

Worksheet #: 18054

Total Target Concentration 183.05

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_4\Data\08-08-05\4M05444.D Vial: 20
Acq On : 8 Aug 2005 14:11 Operator: AHD
Sample : AC18778-016(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:26 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	40947	40.00	ng	-0.04
19) Naphthalene-d8	5.90	136	119389	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	55838	40.00	ng	-0.05
59) Phenanthrene-d10	9.07	188	71513	40.00	ng	-0.06
72) Chrysene-d12	12.28	240	45308	40.00	ng	-0.05
81) Perylene-d12	14.13	264	35000	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.75	112	36977	32.01	ng	-0.04
Spiked Amount 200.000			Recovery = 16.01%			
7) Phenol-d5	4.61	99	48978	31.85	ng	-0.04
Spiked Amount 200.000			Recovery = 15.93%			
20) Nitrobenzene-d5	5.34	128	8809	14.74	ng	-0.04
Spiked Amount 100.000			Recovery = 14.74%			
40) 2-Fluorobiphenyl	6.82	172	34778	19.44	ng	-0.05
Spiked Amount 100.000			Recovery = 19.44%			
62) 2,4,6-Tribromophenol	8.30	332	13594	42.47	ng	-0.05
Spiked Amount 200.000			Recovery = 21.24%			
75) Terphenyl-d14	10.97	244	23368	18.31	ng	-0.05
Spiked Amount 100.000			Recovery = 18.31%			
Target Compounds						Qvalue
29) Naphthalene	5.92	128	13509	5.15	ng	97
33) 2-Methylnaphthalene	6.49	142	6729	3.67	ng	91
46) Acenaphthylene	7.33	152	27052	11.27	ng	96
52) Dibenzofuran	7.68	168	8529	4.11	ng	85
55) Fluorene	8.04	166	9664	6.34	ng	89
67) Phenanthrene	9.10	178	135755	76.00	ng	99
68) Anthracene	9.16	178	38033	20.97	ng	98
69) Carbazole	9.36	167	6231	3.74	ng	97
71) Fluoranthene	10.49	202	275707	148.38	ng	98
73) Pyrene	10.76	202	228241	130.98	ng	91
78) Benzo[a]anthracene	12.26	228	112988	79.45	ng	90
79) Chrysene	12.31	228	104157	81.99	ng	97
80) bis(2-Ethylhexyl)phthalate	12.39	149	1286	1.16	ng	54
83) Benzo[b]fluoranthene	13.66	252	136615m	93.83	ng	
84) Benzo[k]fluoranthene	13.69	252	46644m	36.99	ng	
85) Benzo[a]pyrene	14.06	252	83658	69.90	ng	98
86) Indeno[1,2,3-cd]pyrene	15.38	276	58121	53.54	ng	85
87) Dibenzo[a,h]anthracene	15.40	278	18827	21.18	ng	89
88) Benzo[g,h,i]perylene	15.65	276	55023	63.50	ng	96

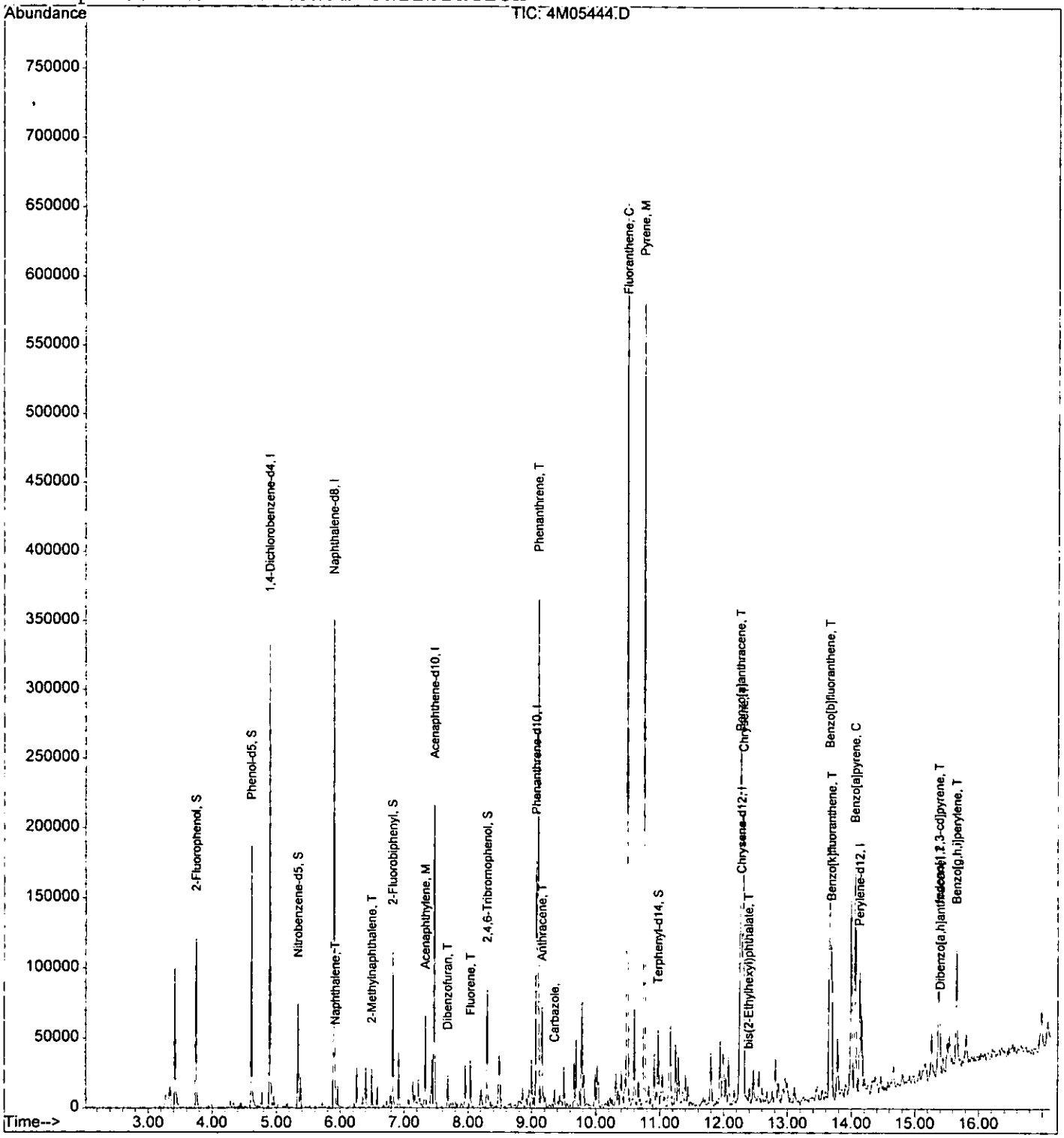
(#) = qualifier out of range (m) = manual integration

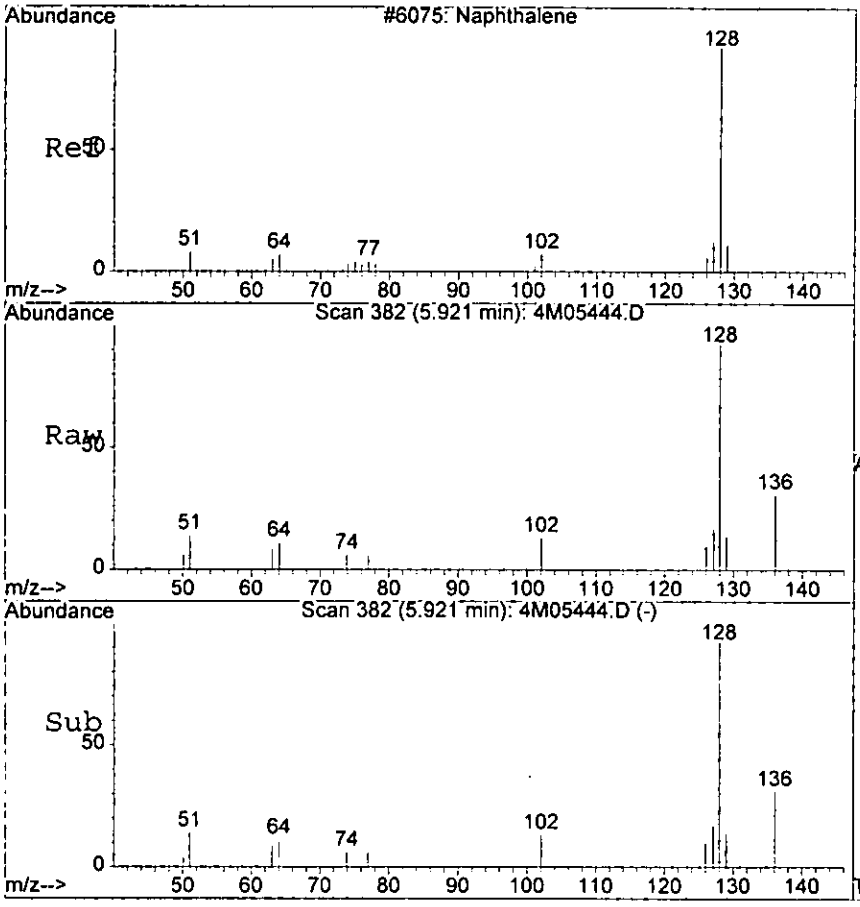
1/8/07

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05444.D Vial: 20
Acq On : 8 Aug 2005 14:11 Operator: AHD
Sample : AC18778-016(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:26 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

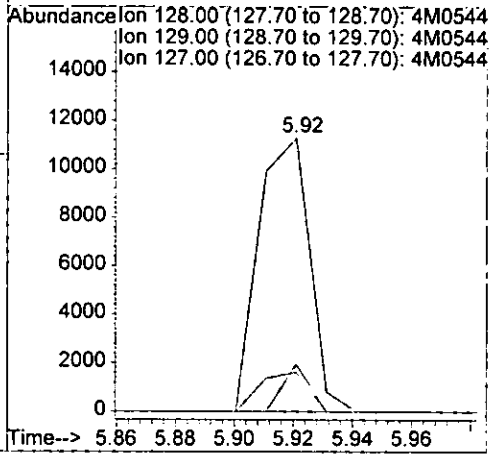




#29
Naphthalene
Concen: 5.15 ng
RT: 5.92 min Scan# 382
Delta R.T. -0.04 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

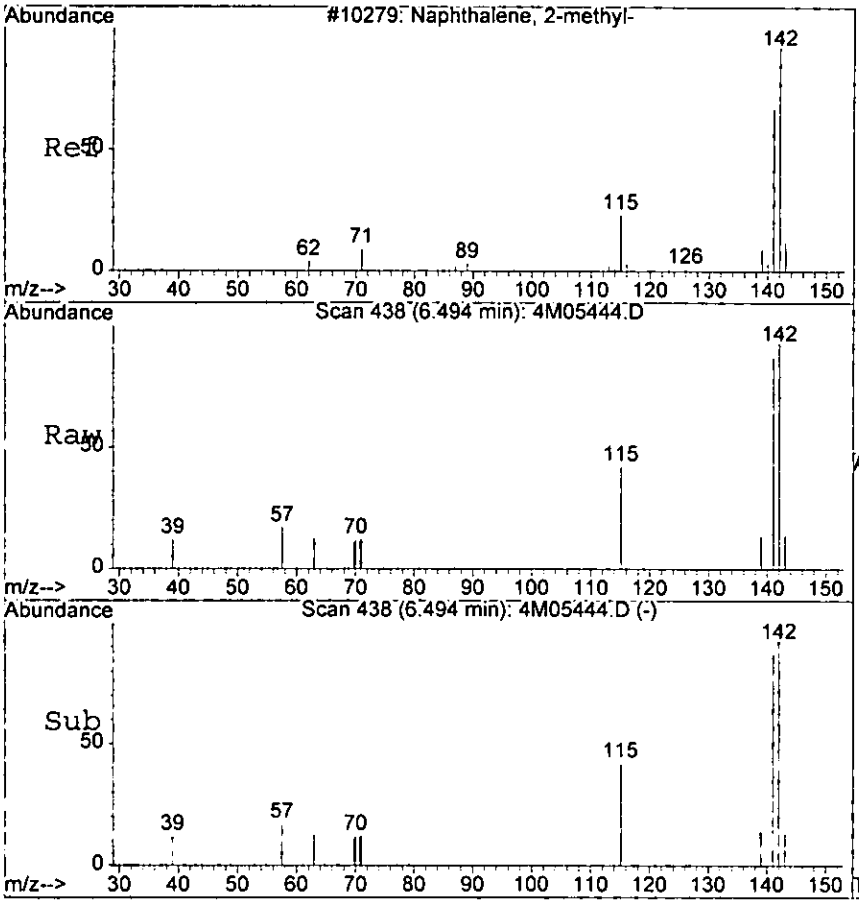
Tgt Ion:128 Resp: 13509

Ion	Ratio	Lower	Upper
128	100		
129	14.4	0.0	51.8
127	17.2	0.0	57.0



000052

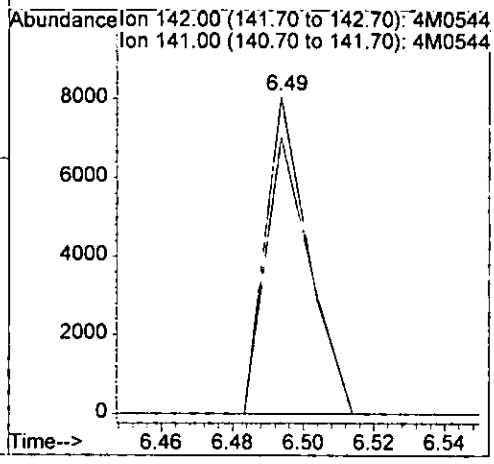
L810

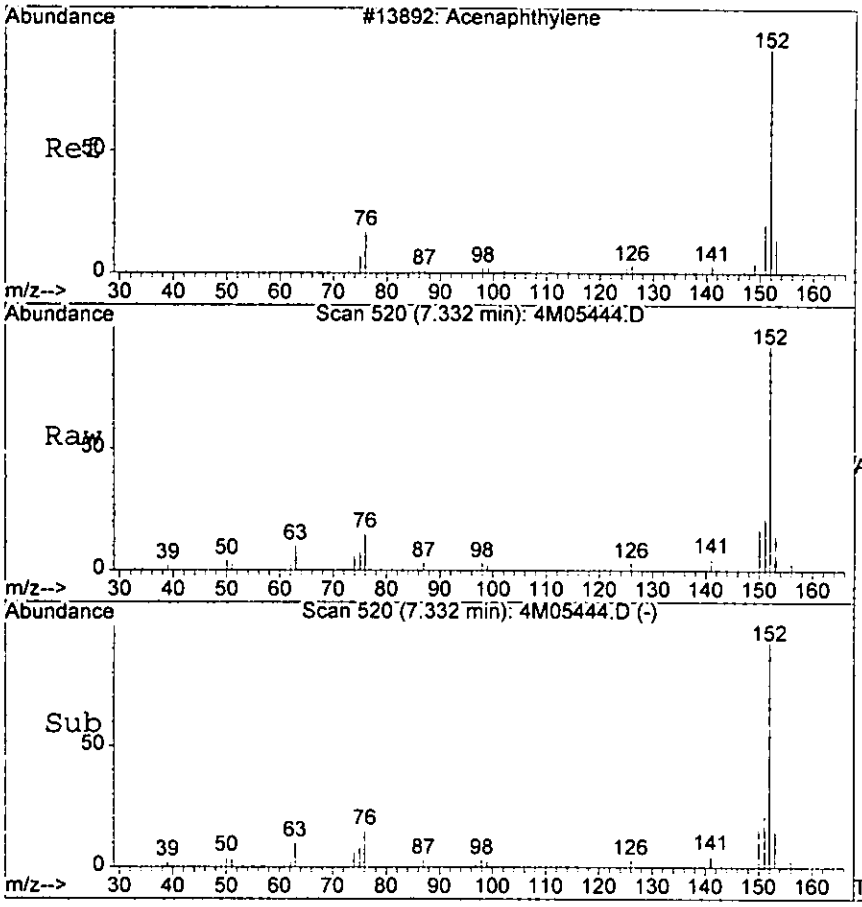


#33
2-Methylnaphthalene
Concen: 3.67 ng
RT: 6.49 min Scan# 438
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:142 Resp: 6729

Ion	Ratio	Lower	Upper
142	100		
141	87.2	55.7	135.7

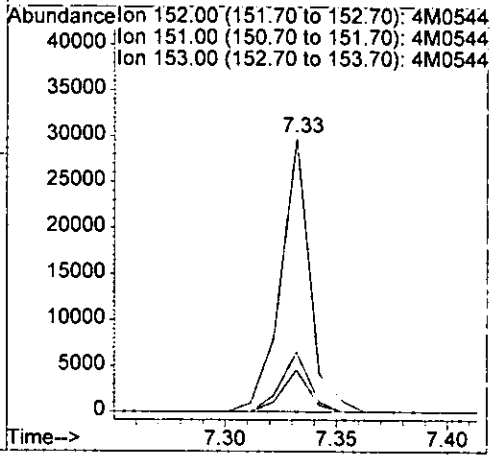




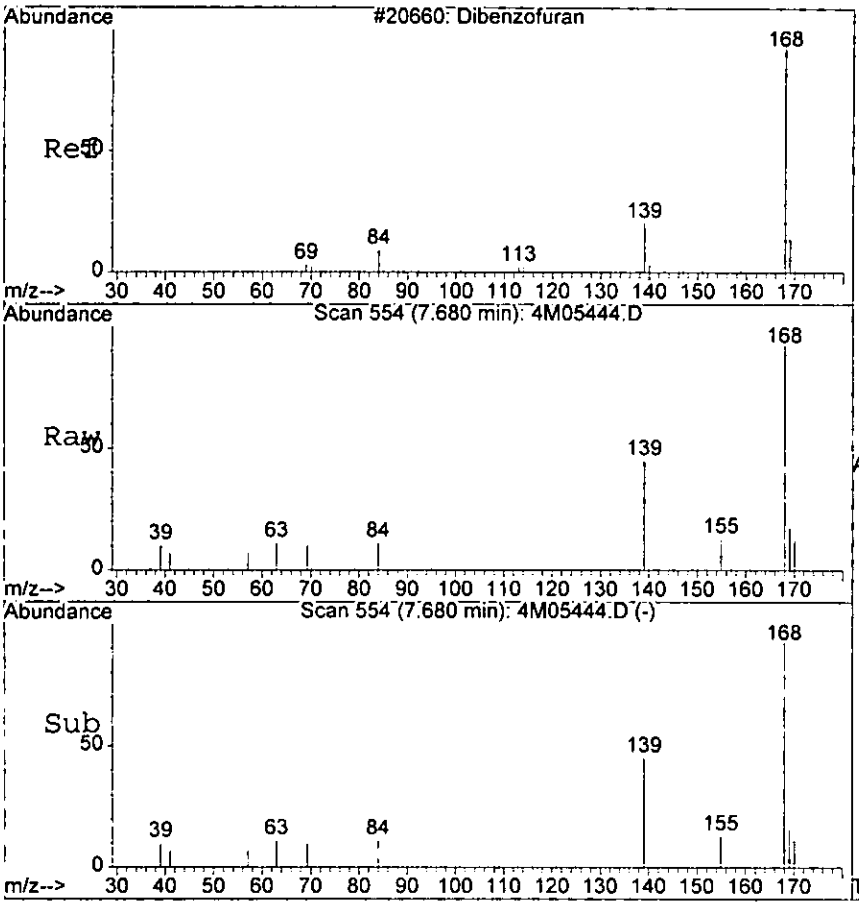
#46
Acenaphthylene
Concen: 11.27 ng
RT: 7.33 min Scan# 520
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:152 Resp: 27052

Ion	Ratio	Lower	Upper
152	100		
151	21.9	0.0	63.6
153	15.4	0.0	53.8



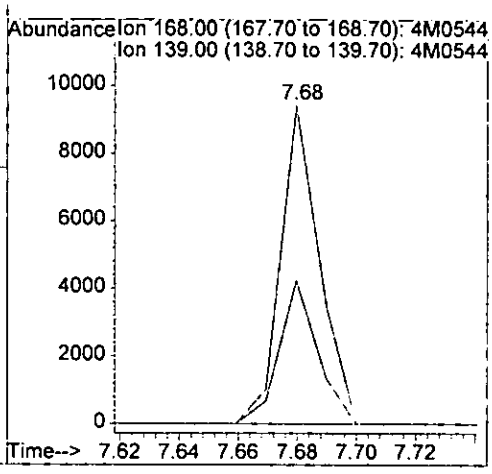
hdw



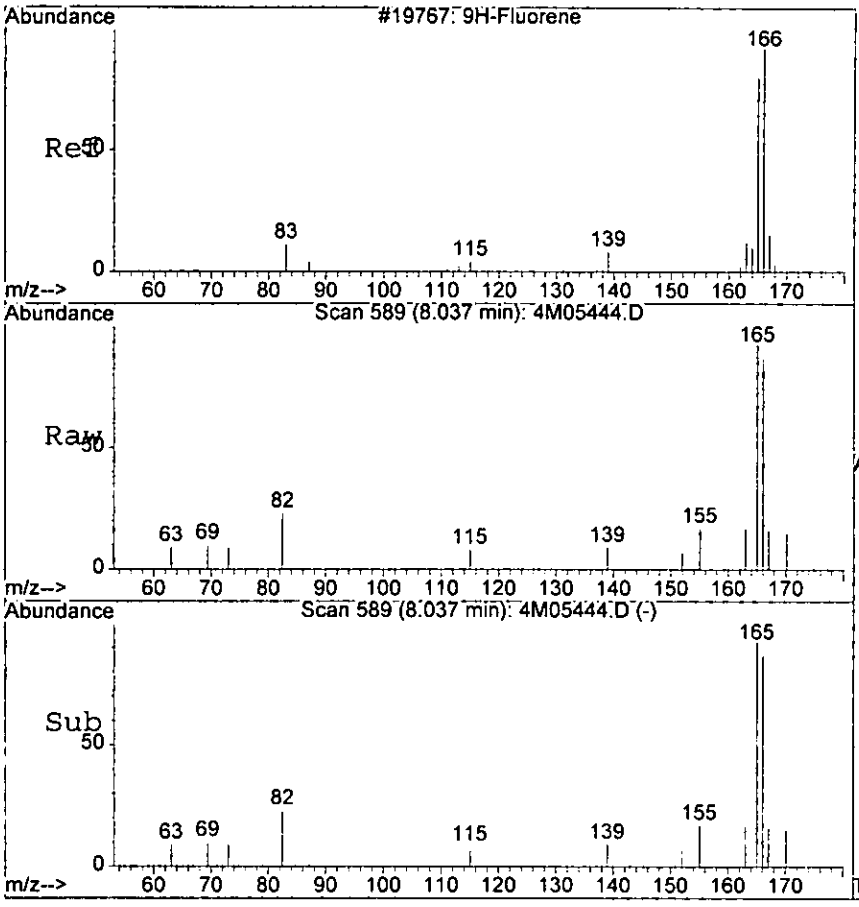
#52
Dibenzofuran
Concen: 4.11 ng
RT: 7.68 min Scan# 554
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:168 Resp: 8529

Ion	Ratio	Lower	Upper
168	100		
139	44.9	6.0	66.0

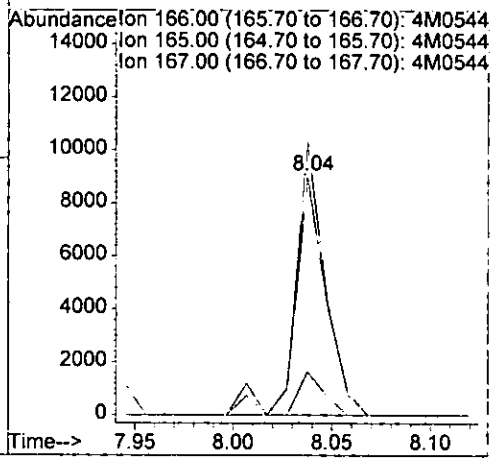


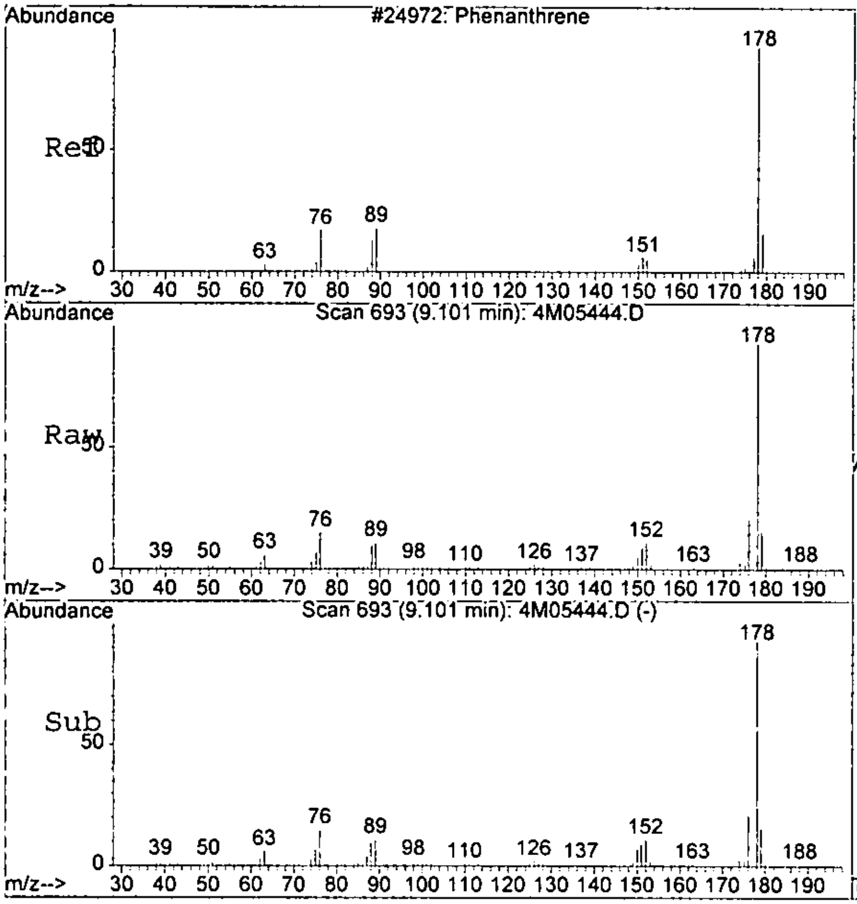
8105



#55
Fluorene
Concen: 6.34 ng
RT: 8.04 min Scan# 589
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:166	Resp:	9664	
Ion	Ratio	Lower	Upper
166	100		
165	114.6	63.3	143.3
167	18.1	0.0	54.6

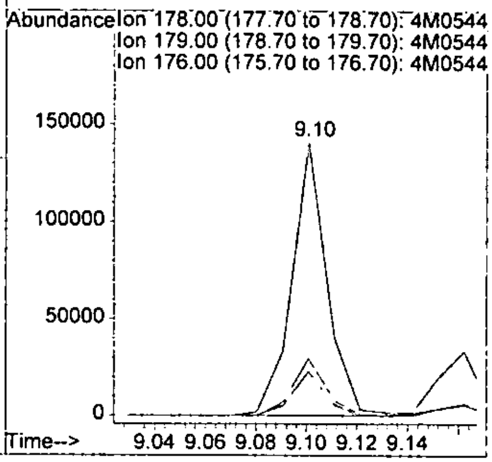


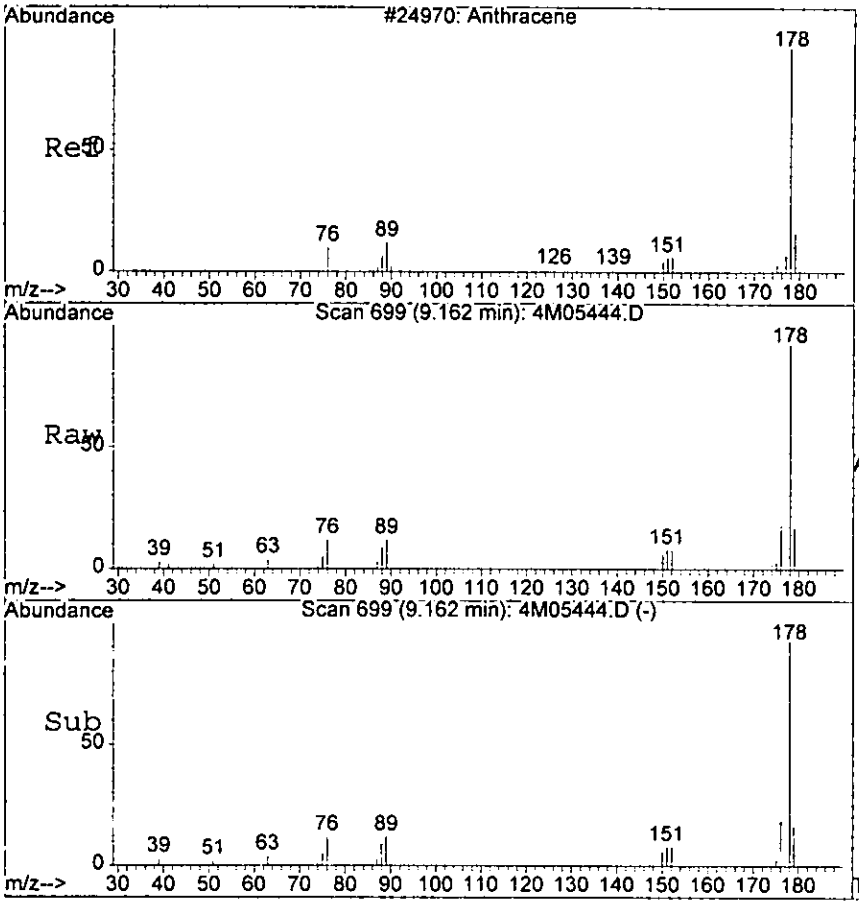


#67
Phenanthrene
Concen: 76.00 ng
RT: 9.10 min   Scan# 693
Delta R.T.   -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005   14:11

Tgt Ion:178 Resp: 135755

Ion	Ratio	Lower	Upper
178	100		
179	16.2	0.0	56.6
176	20.9	0.0	60.5

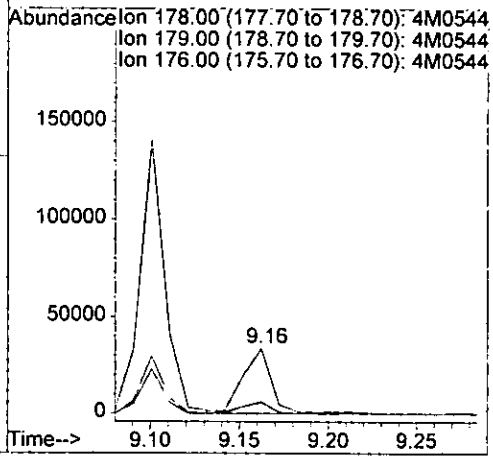




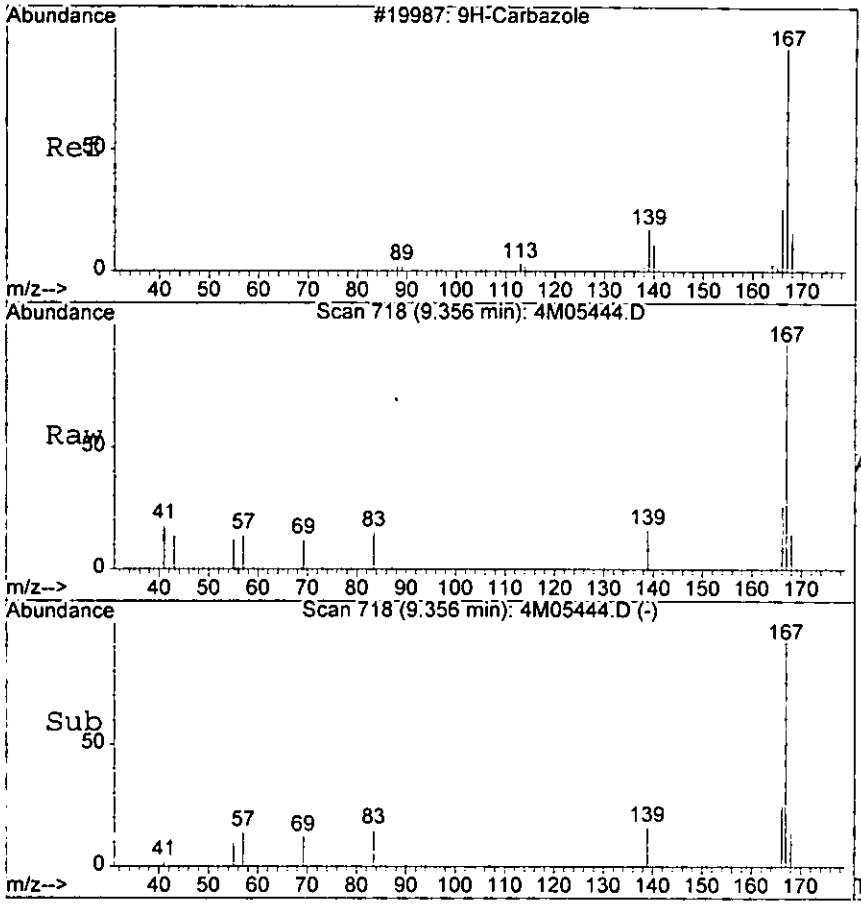
#68
Anthracene
Concen: 20.97 ng
RT: 9.16 min Scan# 699
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:178 Resp: 38033

Ion	Ratio	Lower	Upper
178	100		
179	16.7	0.0	56.6
176	18.6	0.0	60.2



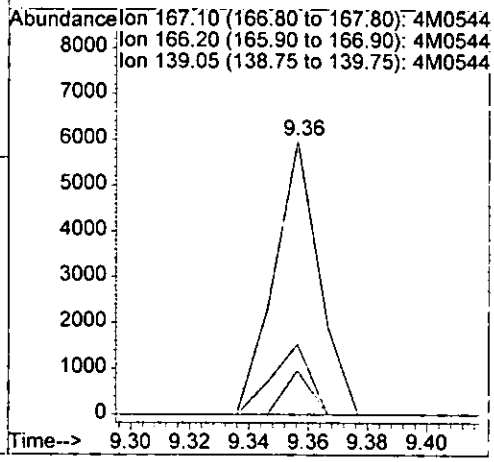
000058

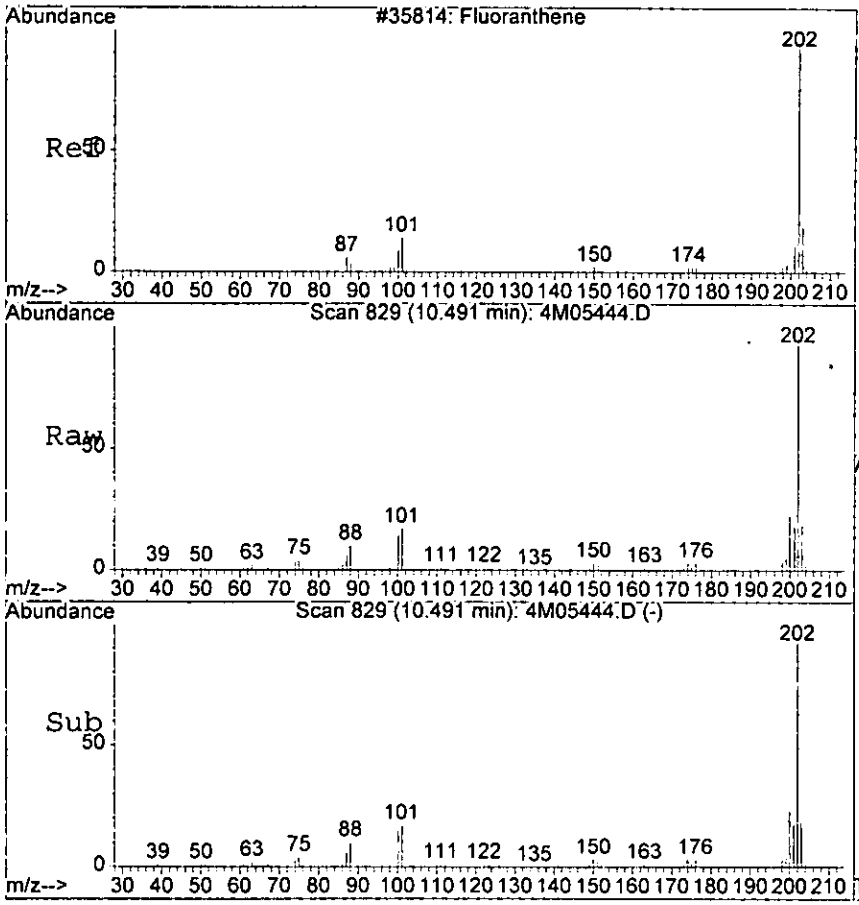


#69
Carbazole
Concen: 3.74 ng
RT: 9.36 min Scan# 718
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:167 Resp: 6231

Ion	Ratio	Lower	Upper
167	100		
166	25.6	4.9	44.9
139	16.1	0.0	33.9

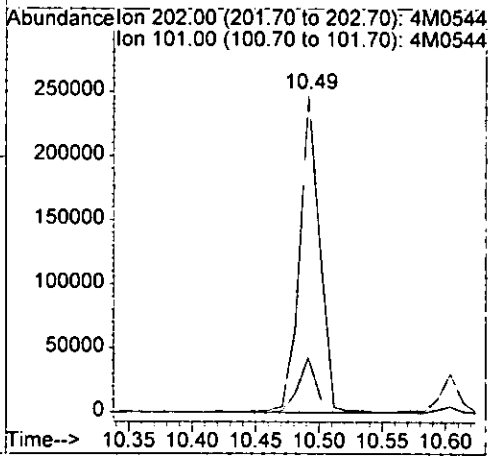


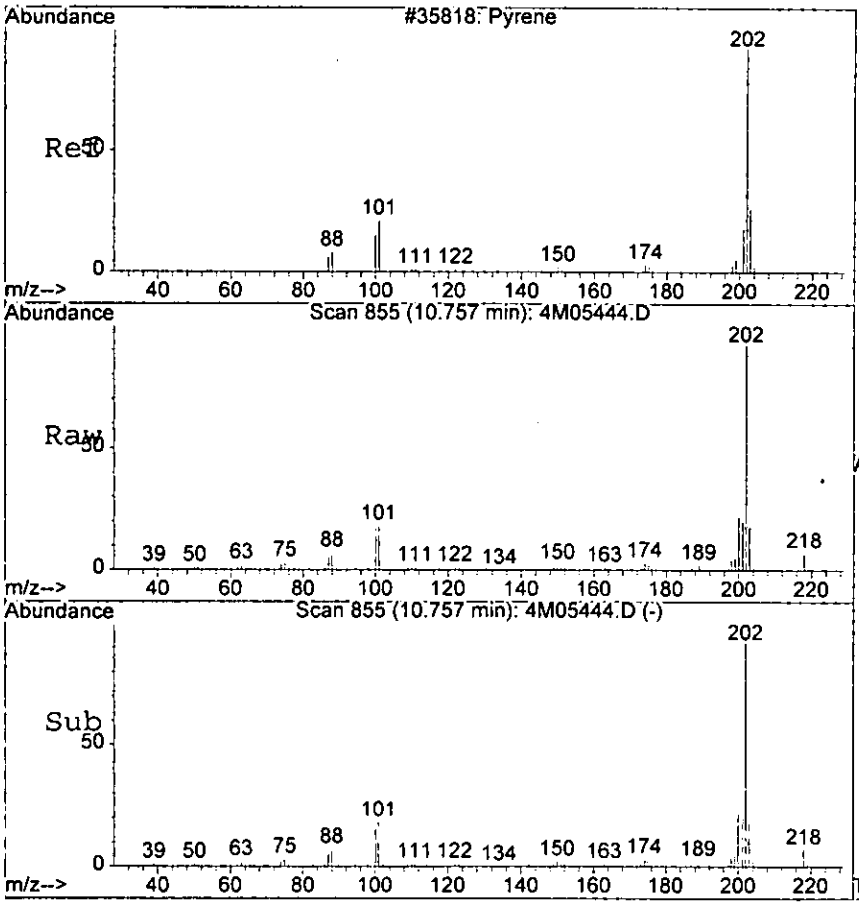


#71
Fluoranthene
Concen: 148.38 ng
RT: 10.49 min Scan# 829
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:202 Resp: 275707

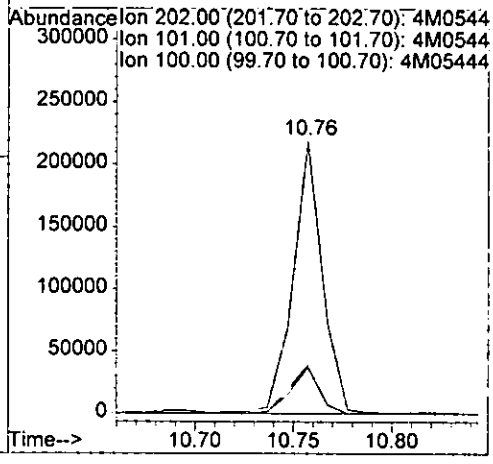
Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	58.3



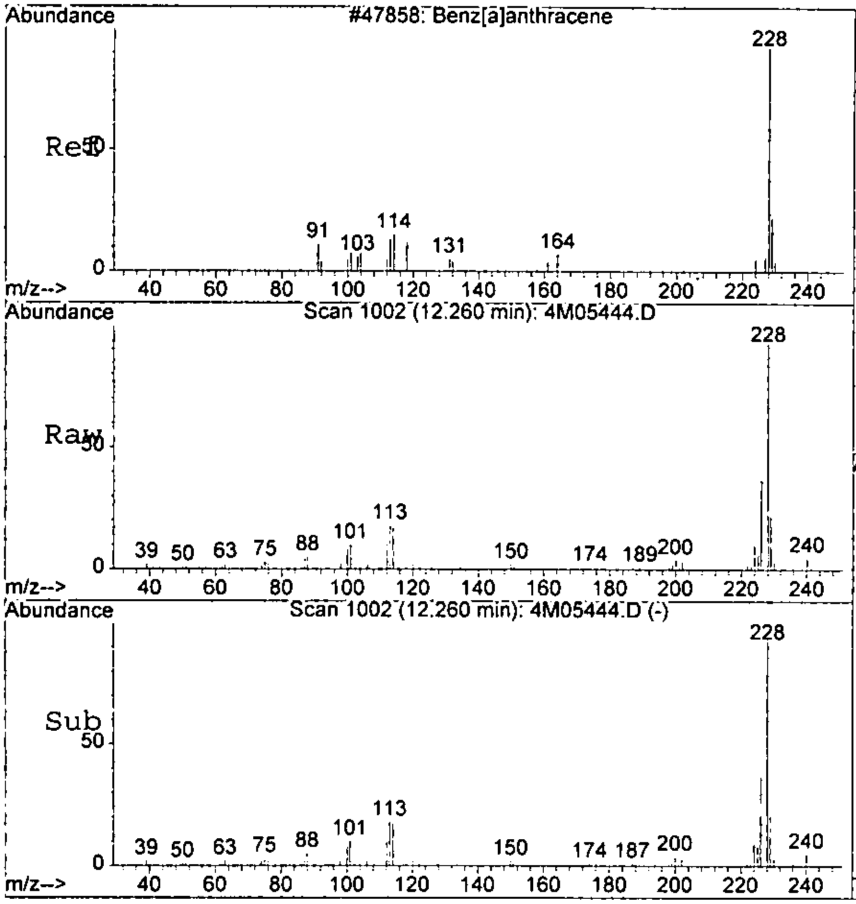


#73
Pyrene
Concen: 130.98 ng
RT: 10.76 min Scan# 855
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:202	Resp:	228241	
Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	62.7
100	16.8	0.0	60.5



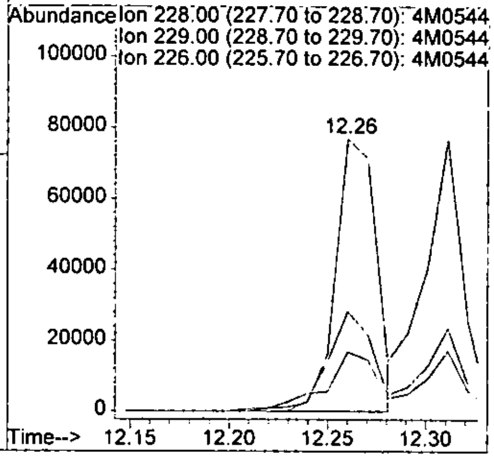
000691

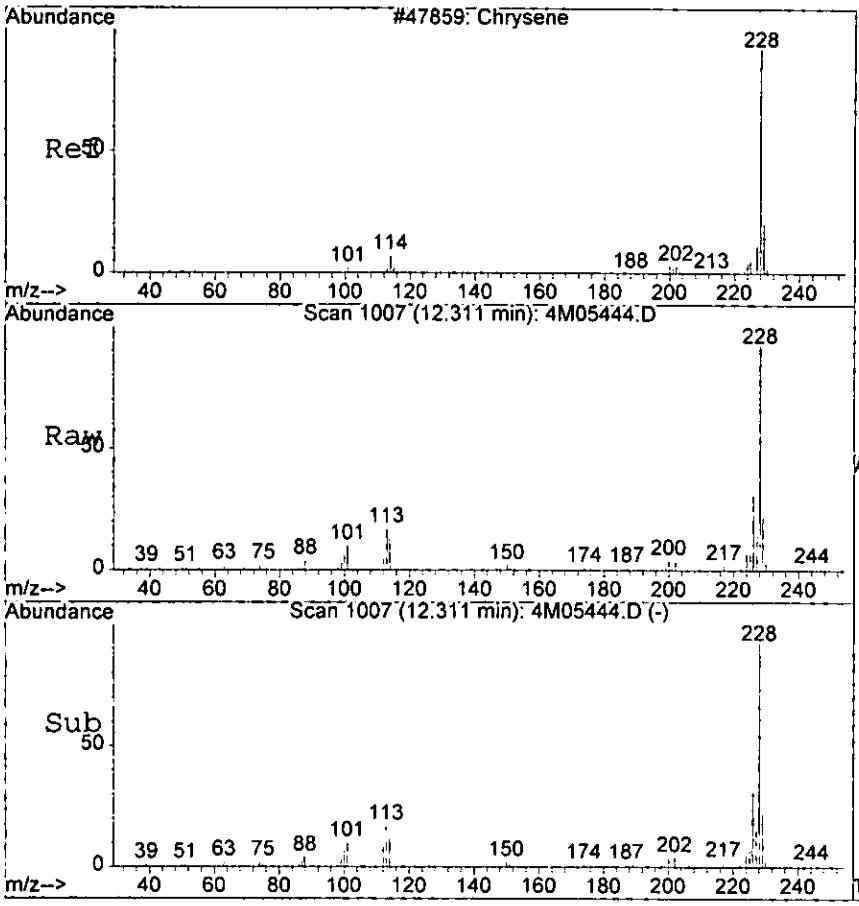


#78
Benzo[a]anthracene
Concen: 79.45 ng
RT: 12.26 min Scan# 1002
Delta R.T. -0.06 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:228 Resp: 112988

Ion	Ratio	Lower	Upper
228	100		
229	22.0	0.0	60.5
226	36.8	0.0	69.0

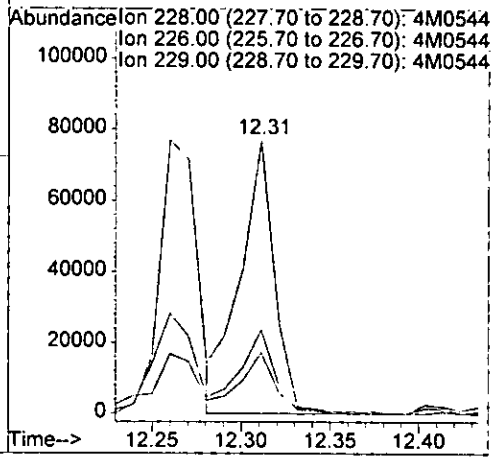




#79
Chrysene
Concen: 81.99 ng
RT: 12.31 min Scan# 1007
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

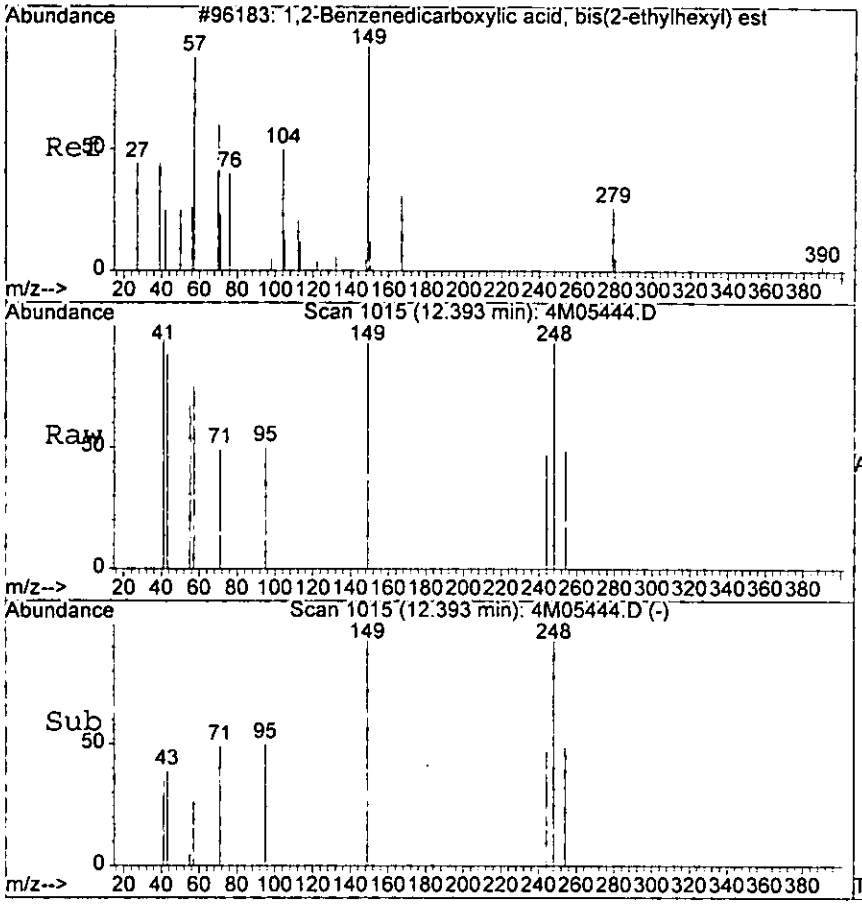
Tgt Ion:228 Resp: 104157

Ion	Ratio	Lower	Upper
228	100		
226	30.7	12.0	52.0
229	22.5	0.0	61.1



000083

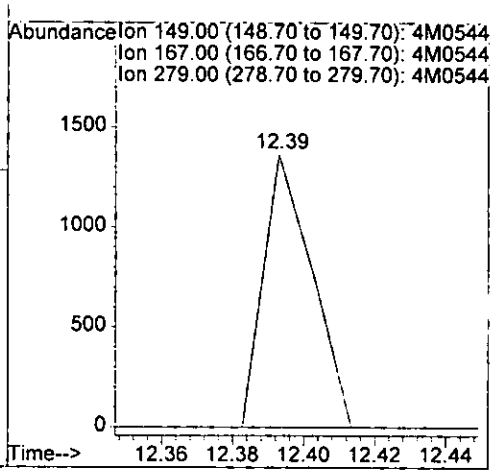
18107



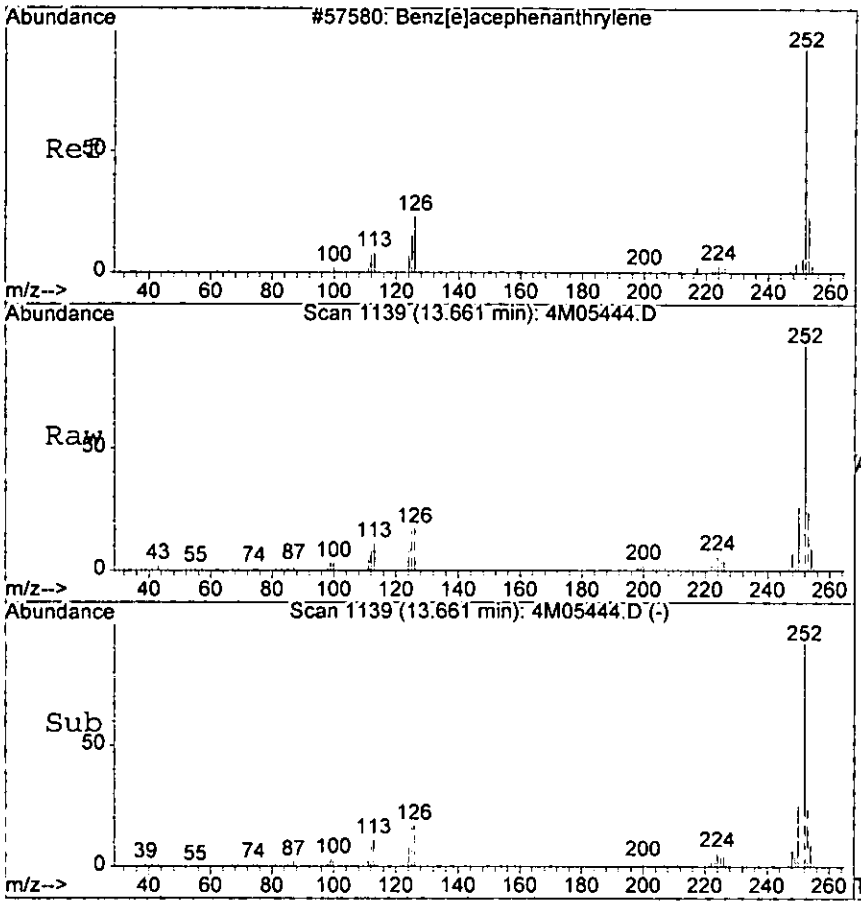
#80
bis(2-Ethylhexyl)phthalate
Concen: 1.16 ng
RT: 12.39 min Scan# 1015
Delta R.T. -0.06 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:149 Resp: 1286

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



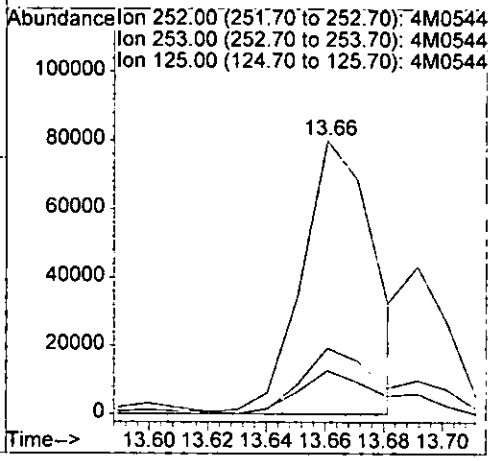
Lgw

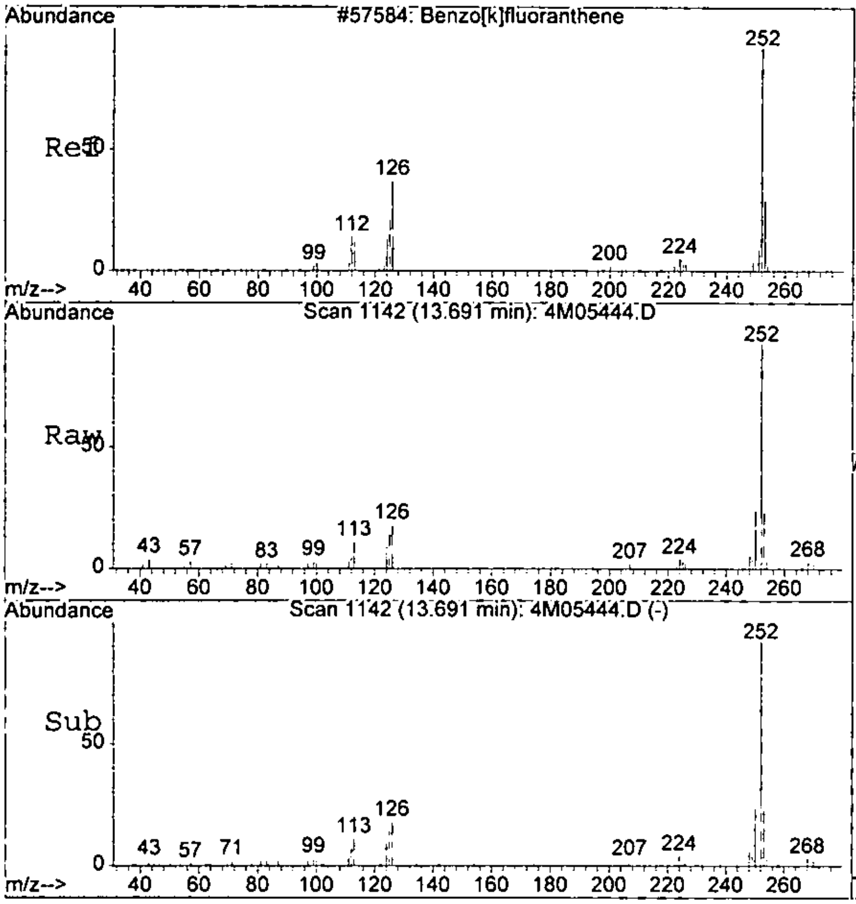


#83
Benzo[b]fluoranthene
Concen: 93.83 ng m
RT: 13.66 min Scan# 1139
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:252 Resp: 136615

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	63.3
125	15.9	0.0	57.6

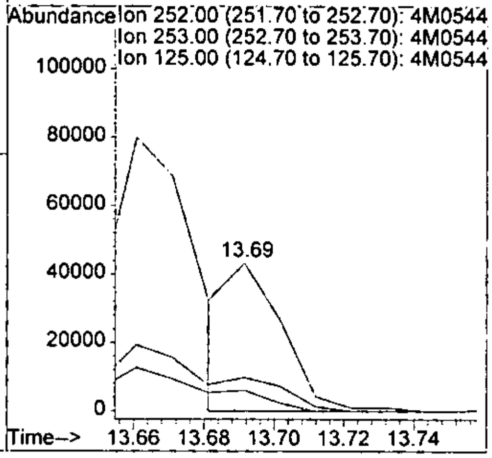


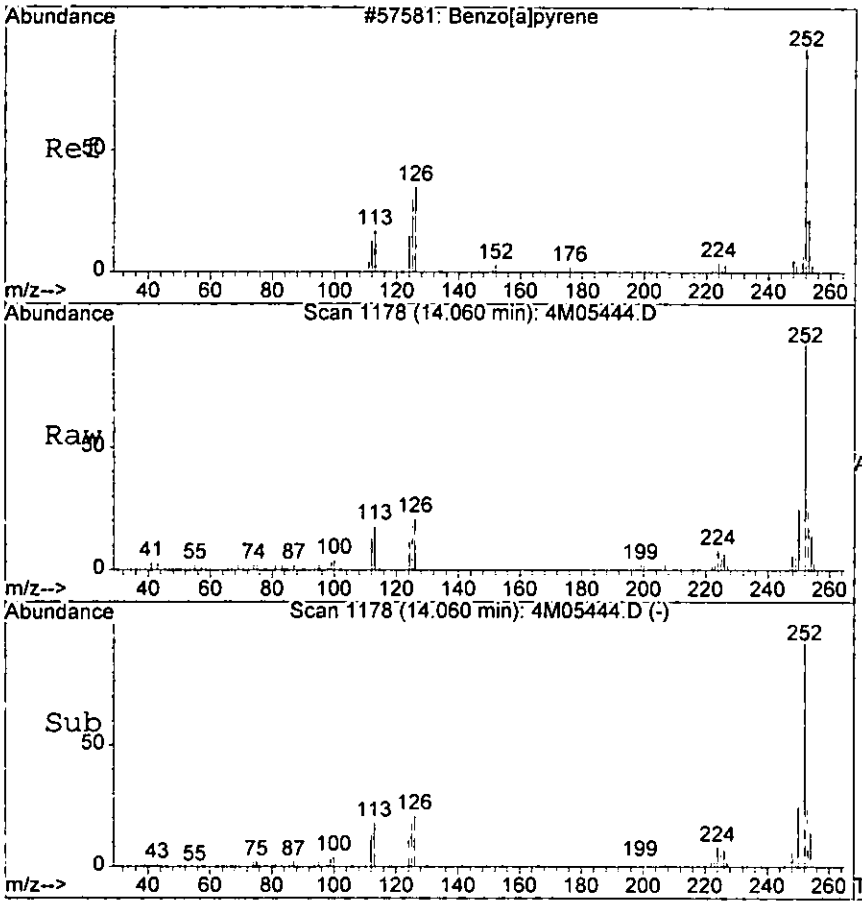


#84
Benzo[k]fluoranthene
Concen: 36.99 ng m
RT: 13.69 min Scan# 1142
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:252 Resp: 466440

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	63.5
125	13.9	0.0	53.8

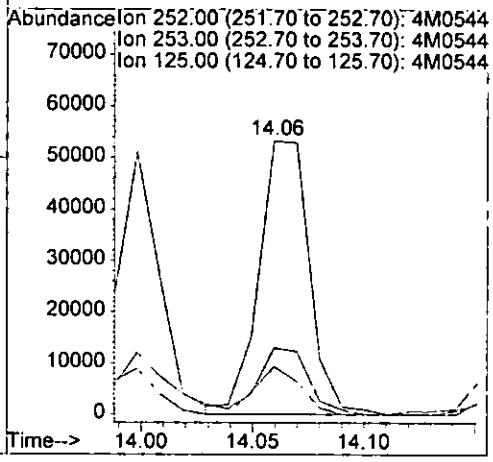




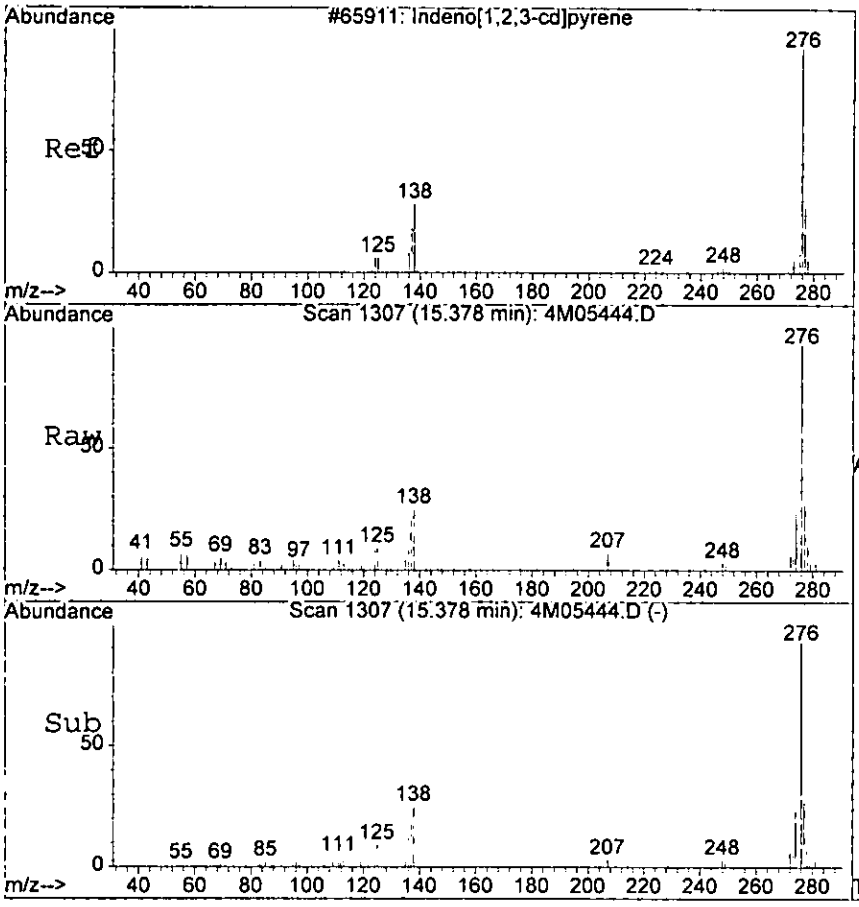
#85
Benzo[a]pyrene
Concen: 69.90 ng
RT: 14.06 min Scan# 1178
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:252 Resp: 83658

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	62.9
125	17.5	0.0	57.6



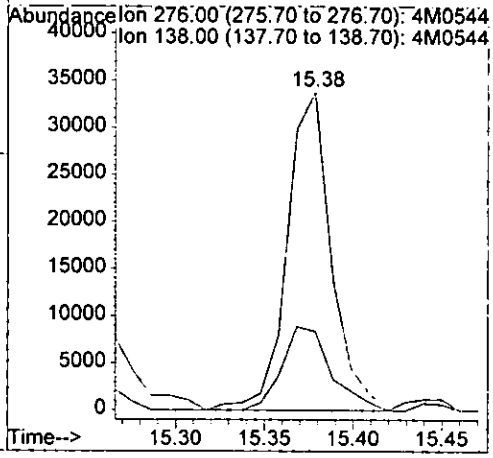
Lower

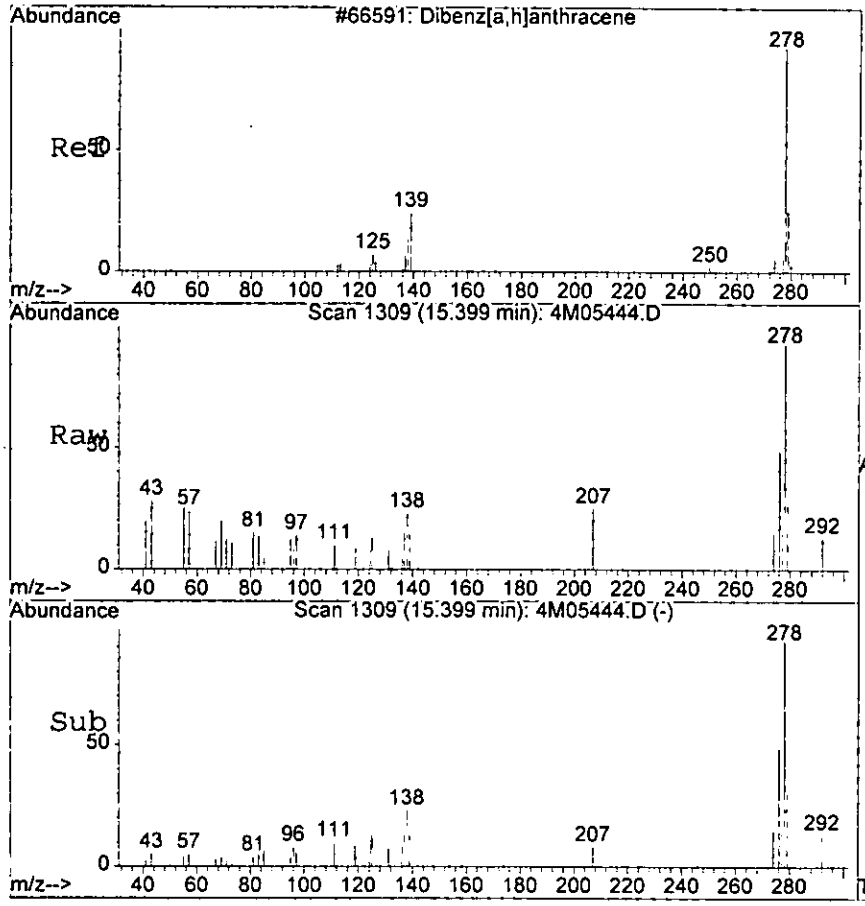


#86
Indeno[1,2,3-cd]pyrene
Concen: 53.54 ng
RT: 15.38 min Scan# 1307
Delta R.T. -0.04 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:276 Resp: 58121

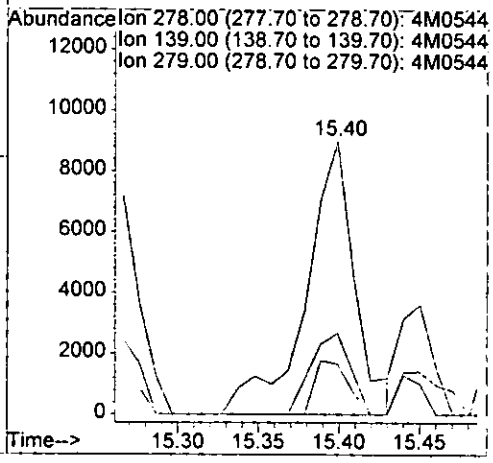
Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	73.4



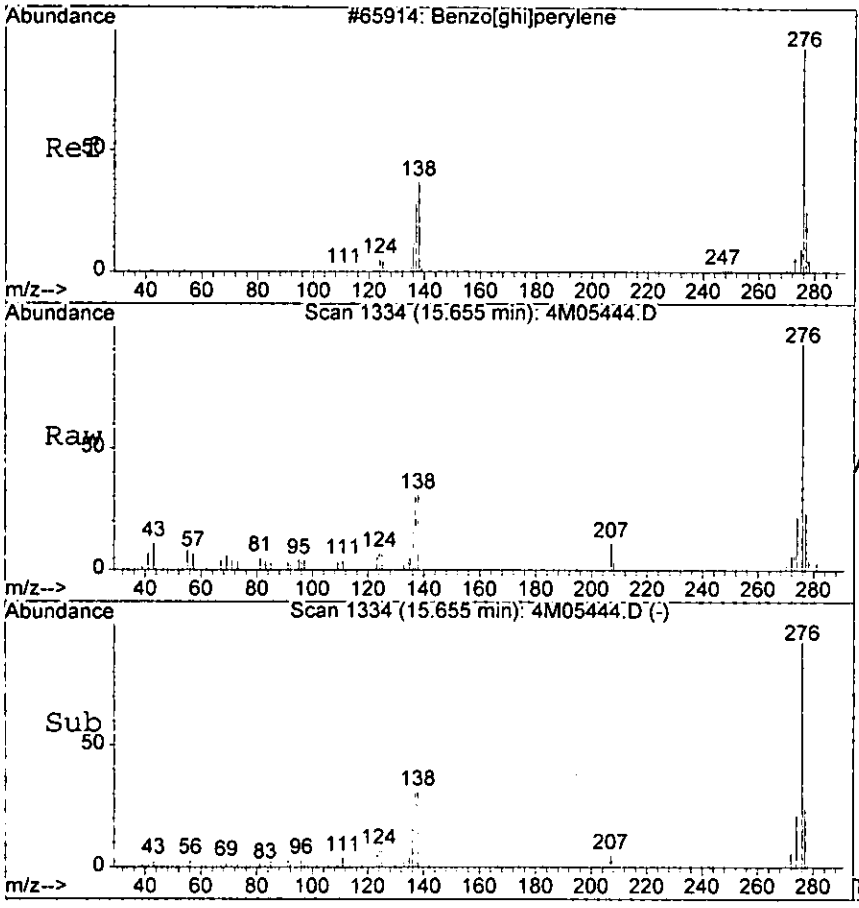


#87
Dibenzo[a,h]anthracene
Concen: 21.18 ng
RT: 15.40 min Scan# 1309
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:278	Resp:	18827	
Ion	Ratio	Lower	Upper
278	100		
139	18.3	0.0	63.8
279	29.7	0.0	64.0



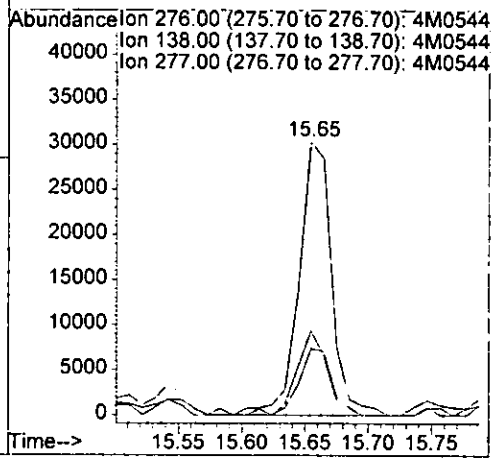
Lower



#88
Benzo[g,h,i]perylene
Concen: 63.50 ng
RT: 15.65 min Scan# 1334
Delta R.T. -0.05 min
Lab File: 4M05444.D
Acq: 8 Aug 2005 14:11

Tgt Ion:276 Resp: 55023

Ion	Ratio	Lower	Upper
276	100		
138	30.8	0.0	74.1
277	24.3	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18778-017
Client Id: PCSB-34(5.0')
Data File: 5M09810.D
Analysis Date: 08/05/05 18:03
Date Rec/Extracted: 07/27/05-08/04/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0086	U	205-99-2	Benzo[b]fluoranthene	0.014	U
95-50-1	1,2-Dichlorobenzene	0.020	U	191-24-2	Benzo[g,h,i]perylene	0.0070	U
122-66-7	1,2-Diphenylhydrazine	0.016	U	207-08-9	Benzo[k]fluoranthene	0.017	U
541-73-1	1,3-Dichlorobenzene	0.014	U	111-91-1	bis(2-Chloroethoxy)methan	0.011	U
106-46-7	1,4-Dichlorobenzene	0.0086	U	111-44-4	bis(2-Chloroethyl)ether	0.022	U
95-95-4	2,4,5-Trichlorophenol	0.076	U	108-60-1	bis(2-chloroisopropyl)ether	0.010	U
88-06-2	2,4,6-Trichlorophenol	0.037	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.031**	**0.076**
120-83-2	2,4-Dichlorophenol	0.065	U	85-68-7	Butylbenzylphthalate	0.013	U
105-67-9	2,4-Dimethylphenol	0.041	U	86-74-8	Carbazole	0.0094	U
51-28-5	2,4-Dinitrophenol	0.090	U	218-01-9	Chrysene	0.014	U
121-14-2	2,4-Dinitrotoluene	0.018	U	**84-74-2**	**Di-n-butylphthalate**	**0.0099**	**0.080**
606-20-2	2,6-Dinitrotoluene	0.022	U	117-84-0	Di-n-octylphthalate	0.017	U
91-58-7	2-Chloronaphthalene	0.0056	U	53-70-3	Dibenzo[a,h]anthracene	0.0090	U
95-57-8	2-Chlorophenol	0.090	U	132-64-9	Dibenzofuran	0.063	U
91-57-6	2-Methylnaphthalene	0.084	U	84-66-2	Diethylphthalate	0.012	U
95-48-7	2-Methylphenol	0.18	U	131-11-3	Dimethylphthalate	0.0085	U
88-74-4	2-Nitroaniline	0.063	U	**206-44-0**	**Fluoranthene**	**0.0081**	**0.052**
88-75-5	2-Nitrophenol	0.060	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.18	U	118-74-1	Hexachlorobenzene	0.020	U
91-94-1	3,3'-Dichlorobenzidine	0.086	U	87-68-3	Hexachlorobutadiene	0.012	U
99-09-2	3-Nitroaniline	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.13	U
534-52-1	4,6-Dinitro-2-methylphenol	0.093	U	67-72-1	Hexachloroethane	0.017	U
101-55-3	4-Bromophenyl-phenylether	0.020	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0083	U
59-50-7	4-Chloro-3-methylphenol	0.098	U	78-59-1	Isophorone	0.26	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.016	U
7005-72-3	4-Chlorophenyl-phenylether	0.014	U	62-75-9	N-Nitrosodimethylamine	0.54	U
100-01-6	4-Nitroaniline	0.073	U	86-30-6	n-Nitrosodiphenylamine	0.013	U
100-02-7	4-Nitrophenol	0.069	U	**91-20-3**	**Naphthalene**	**0.0048**	**0.078**
83-32-9	Acenaphthene	0.0081	U	98-95-3	Nitrobenzene	0.014	U
208-96-8	Acenaphthylene	0.0074	U	87-86-5	Pentachlorophenol	0.047	U
120-12-7	Anthracene	0.0097	U	85-01-8	Phenanthrene	0.011	U
92-87-5	Benzidine	0.51	U	108-95-2	Phenol	0.081	U
56-55-3	Benzo[a]anthracene	0.0068	U	**129-00-0**	**Pyrene**	**0.011**	**0.11**
50-32-8	Benzo[a]pyrene	0.0081	U				

Worksheet #: 18054

Total Target Concentration 0.396

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\08-05-05\5M09810.D Vial: 32
Acq On : 5 Aug 2005 18:03 Operator: AHD
Sample : AC18778-017 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:27 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

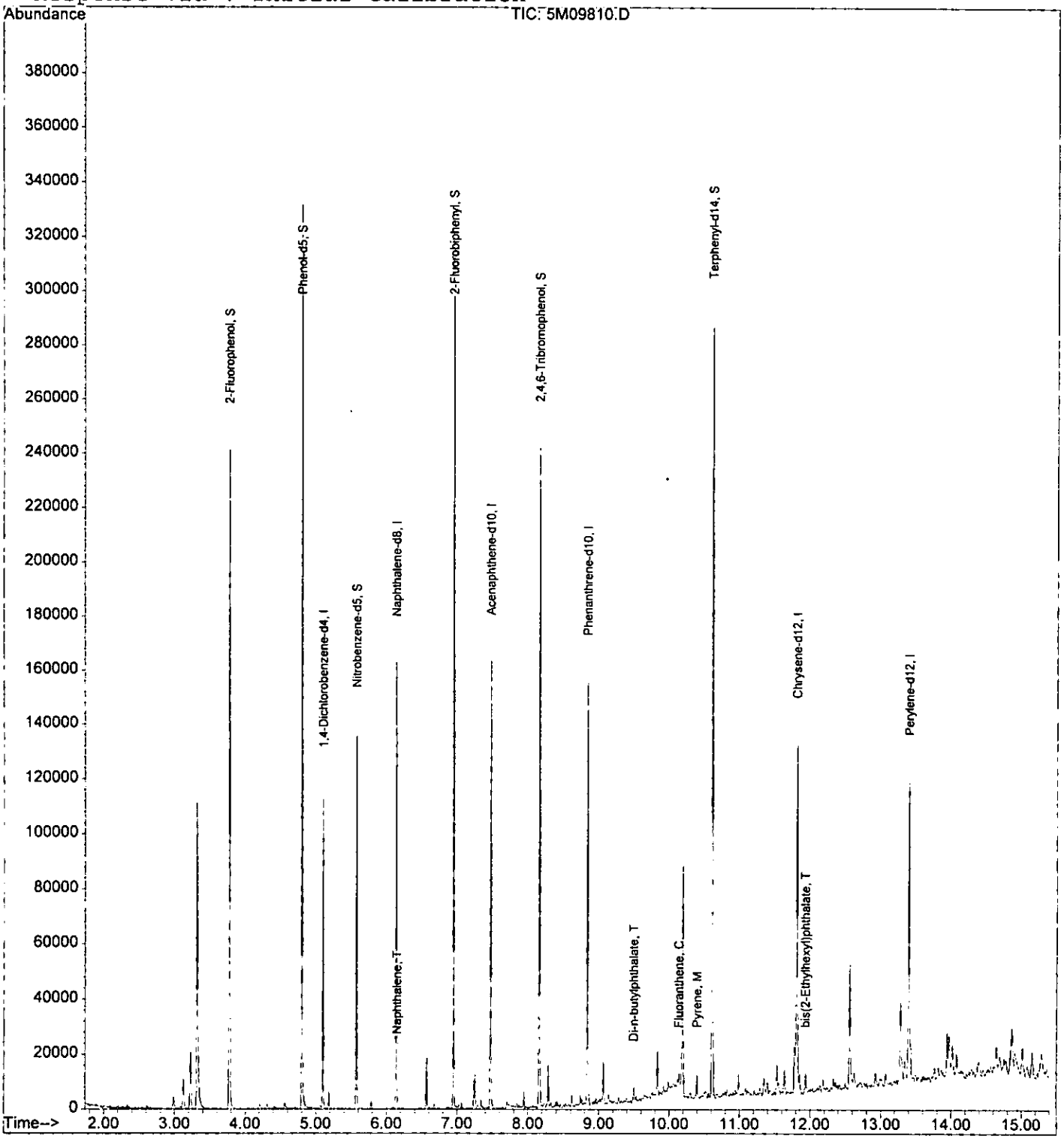
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.10	152	12955	40.00	ng	-0.15
20) Naphthalene-d8	6.14	136	50905	40.00	ng	-0.14
36) Acenaphthene-d10	7.47	164	29484	40.00	ng	-0.16
61) Phenanthrene-d10	8.84	188	51840	40.00	ng	-0.19
77) Chrysene-d12	11.82	240	40842	40.00	ng	-0.22
88) Perylene-d12	13.40	264	30941	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	64949	148.85	ng	-0.19
Spiked Amount 200.000			Recovery = 74.43%			
8) Phenol-d5	4.80	99	91225	142.98	ng	-0.15
Spiked Amount 200.000			Recovery = 71.49%			
21) Nitrobenzene-d5	5.58	128	16541	74.21	ng	-0.14
Spiked Amount 100.000			Recovery = 74.21%			
41) 2-Fluorobiphenyl	6.95	172	73284	79.52	ng	-0.14
Spiked Amount 100.000			Recovery = 79.52%			
64) 2,4,6-Tribromophenol	8.16	330	18794	169.40	ng	-0.18
Spiked Amount 200.000			Recovery = 84.70%			
80) Terphenyl-d14	10.62	244	84189	87.25	ng	-0.19
Spiked Amount 100.000			Recovery = 87.25%			
Target Compounds						Qvalue
30) Naphthalene	6.15	128	2120	1.59	ng	98
74) Di-n-butylphthalate	9.50	149	2762	1.64	ng	95
76) Fluoranthene	10.14	202	1736	1.07	ng	89
78) Pyrene	10.40	202	3526	2.16	ng	99
87) bis(2-Ethylhexyl)phthalate	11.94	149	1554	1.56	ng	84

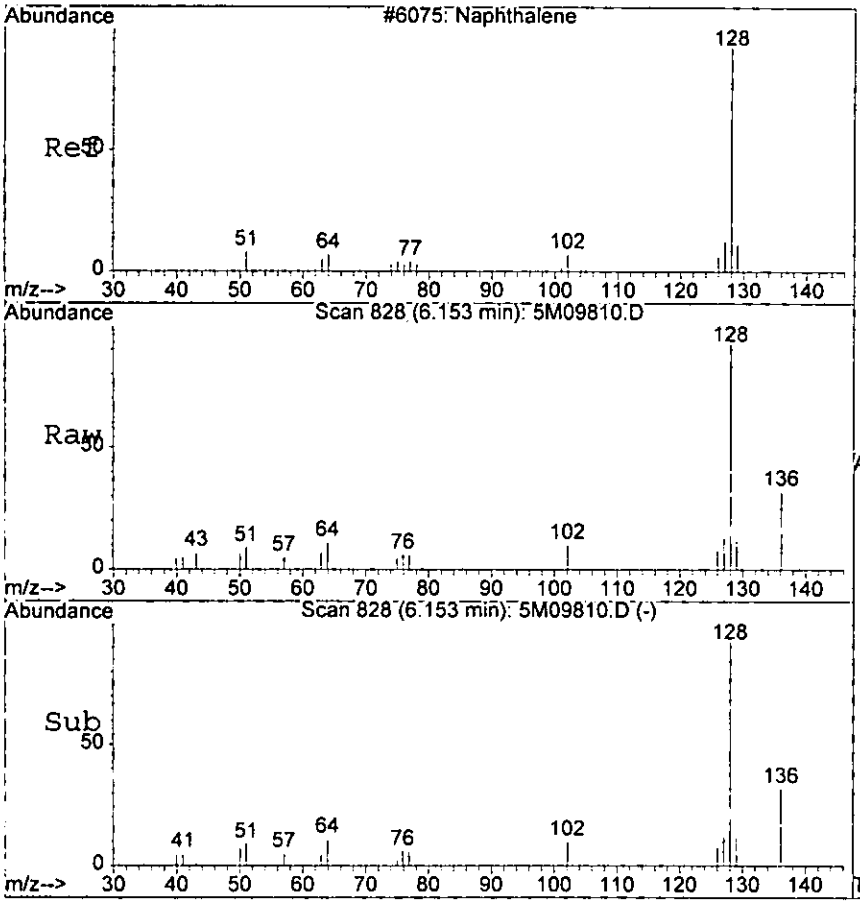
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09810.D Vial: 32
Acq On : 5 Aug 2005 18:03 Operator: AHD
Sample : AC18778-017 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:27 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

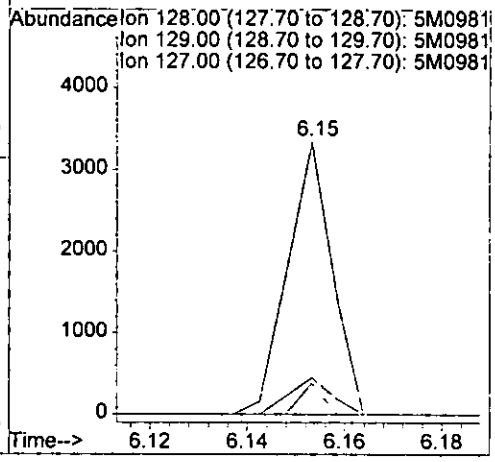


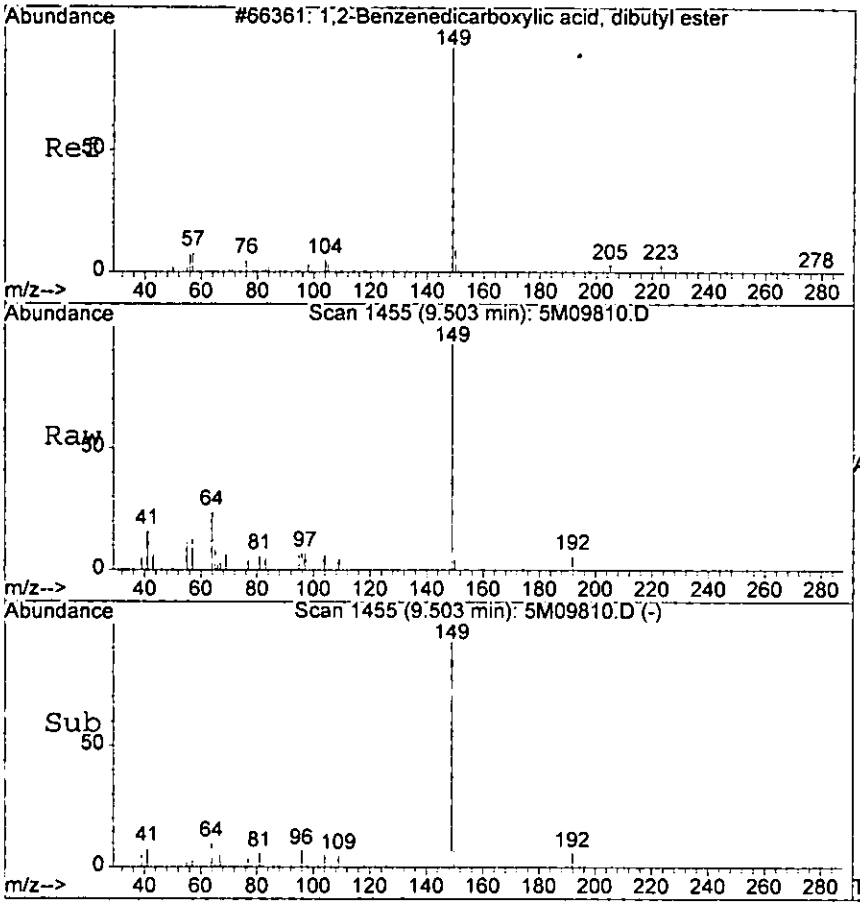


#30
Naphthalene
Concen: 1.59 ng
RT: 6.15 min Scan# 828
Delta R.T. -0.15 min
Lab File: 5M09810.D
Acq: 5 Aug 2005 18:03

Tgt Ion:128 Resp: 2120

Ion	Ratio	Lower	Upper
128	100		
129	11.5	0.0	50.9
127	13.5	0.0	52.6

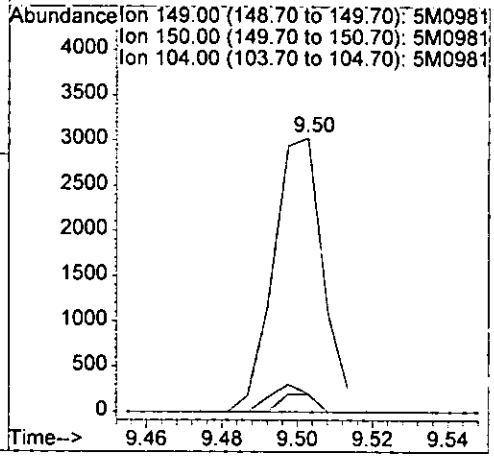


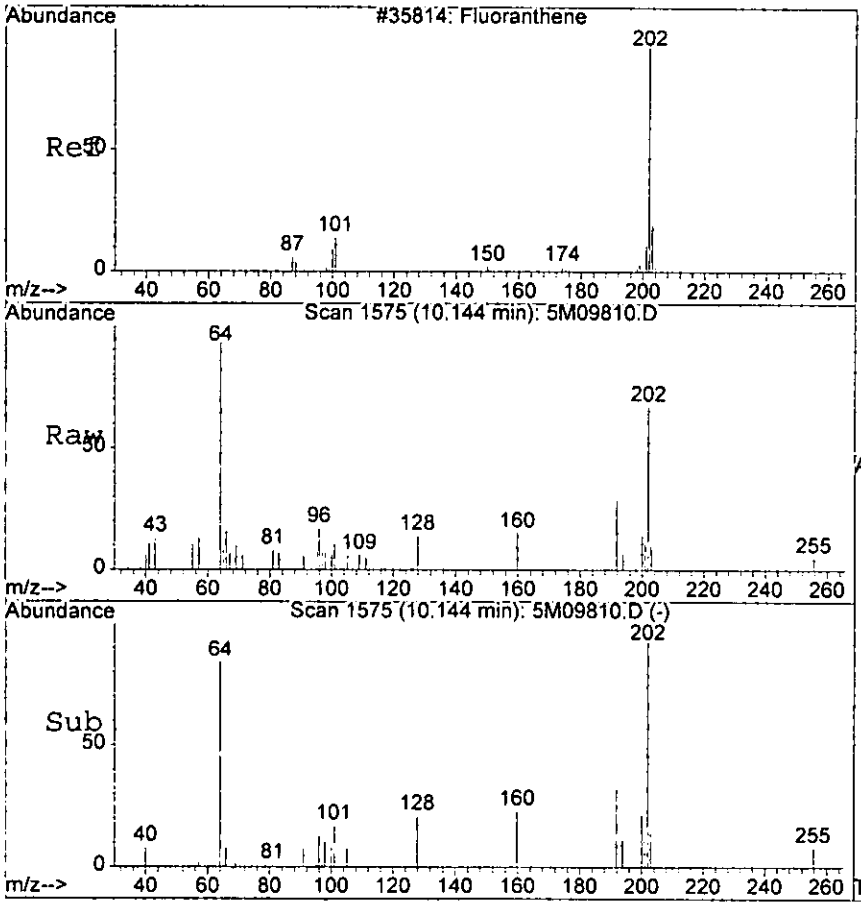


#74
Di-n-butylphthalate
Concen: 1.64 ng
RT: 9.50 min Scan# 1455
Delta R.T. -0.18 min
Lab File: 5M09810.D
Acq: 5 Aug 2005 18:03

Tgt Ion:149 Resp: 2762

Ion	Ratio	Lower	Upper
149	100		
150	6.8	0.0	49.0
104	6.4	0.0	45.3

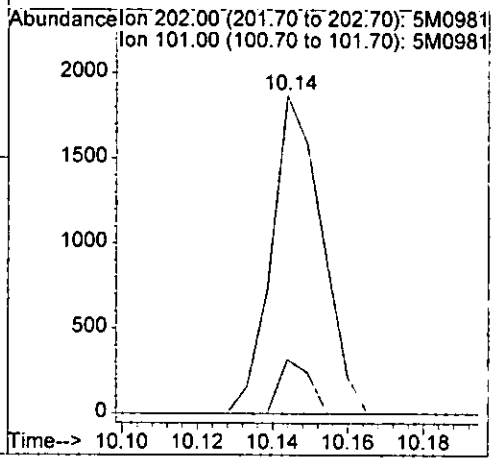




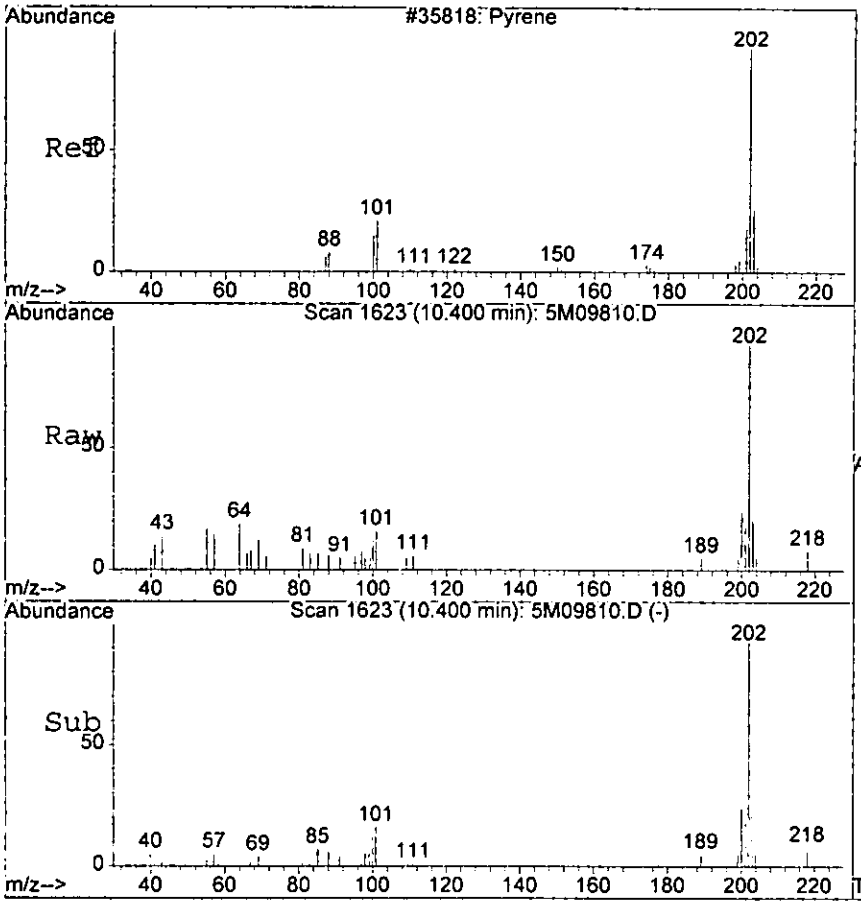
#76
Fluoranthene
Concen: 1.07 ng
RT: 10.14 min Scan# 1575
Delta R.T. -0.21 min
Lab File: 5M09810.D
Acq: 5 Aug 2005 18:03

Tgt Ion:202 Resp: 1736

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	52.5



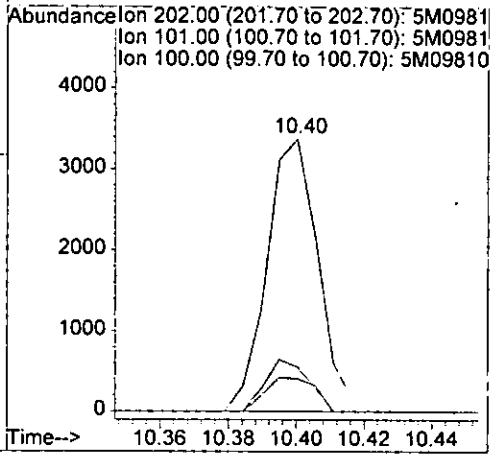
5M09810

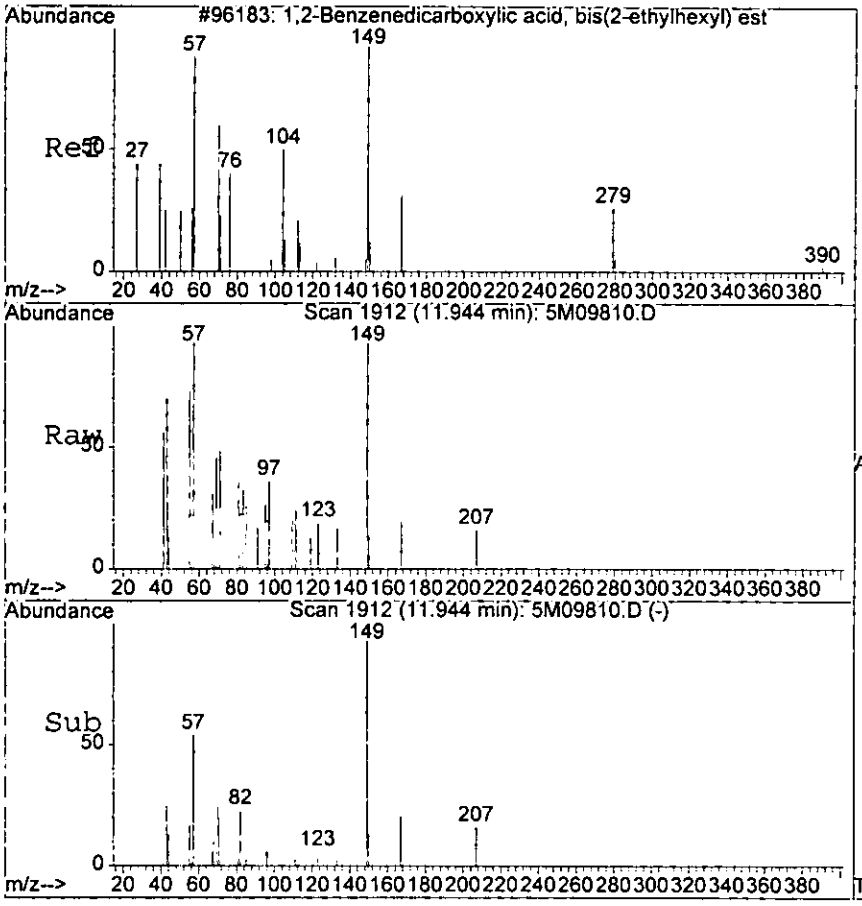


#78
Pyrene
Concen: 2.16 ng
RT: 10.40 min Scan# 1623
Delta R.T. -0.21 min
Lab File: 5M09810.D
Acq: 5 Aug 2005 18:03

Tgt Ion:202 Resp: 3526

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	55.5
100	12.1	0.0	52.1

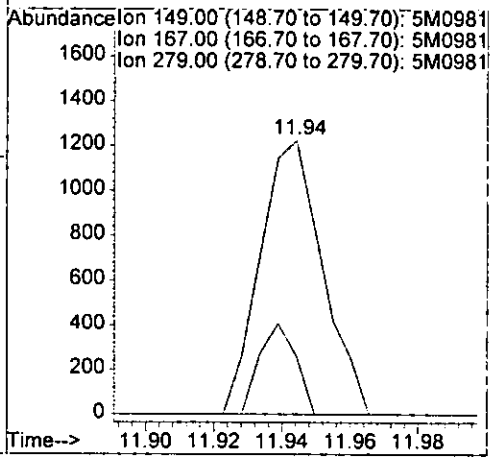




#87
bis(2-Ethylhexyl)phthalate
Concen: 1.56 ng
RT: 11.94 min Scan# 1912
Delta R.T. -0.19 min
Lab File: 5M09810.D
Acq: 5 Aug 2005 18:03

Tgt Ion:149 Resp: 1554

Ion	Ratio	Lower	Upper
149	100		
167	21.4	2.4	58.4
279	0.0	0.0	44.1



000678

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18778-018
Client Id: PCSB-34(16.5')
Data File: 5M09852.D
Analysis Date: 08/08/05 15:55
Date Rec/Extracted: 07/27/05-08/04/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 63

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0092	U	205-99-2	Benzo[b]fluoranthene	0.015	U
95-50-1	1,2-Dichlorobenzene	0.021	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0076**	**0.071**
122-66-7	1,2-Diphenylhydrazine	0.017	U	207-08-9	Benzo[k]fluoranthene	0.019	U
541-73-1	1,3-Dichlorobenzene	0.015	U	111-91-1	bis(2-Chloroethoxy)methan	0.012	U
106-46-7	1,4-Dichlorobenzene	0.0093	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	0.011	U
88-06-2	2,4,6-Trichlorophenol	0.040	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.034**	**0.12**
120-83-2	2,4-Dichlorophenol	0.070	U	85-68-7	Butylbenzylphthalate	0.014	U
105-67-9	2,4-Dimethylphenol	0.045	U	86-74-8	Carbazole	0.010	U
51-28-5	2,4-Dinitrophenol	0.097	U	**218-01-9**	**Chrysene**	**0.015**	**0.12**
121-14-2	2,4-Dinitrotoluene	0.019	U	**84-74-2**	**Di-n-butylphthalate**	**0.011**	**0.074**
606-20-2	2,6-Dinitrotoluene	0.024	U	117-84-0	Di-n-octylphthalate	0.018	U
91-58-7	2-Chloronaphthalene	0.0060	U	53-70-3	Dibenzo[a,h]anthracene	0.0097	U
95-57-8	2-Chlorophenol	0.097	U	132-64-9	Dibenzofuran	0.068	U
91-57-6	2-Methylnaphthalene	0.090	U	84-66-2	Diethylphthalate	0.012	U
95-48-7	2-Methylphenol	0.20	U	131-11-3	Dimethylphthalate	0.0091	U
88-74-4	2-Nitroaniline	0.069	U	**206-44-0**	**Fluoranthene**	**0.0087**	**0.25**
88-75-5	2-Nitrophenol	0.065	U	86-73-7	Fluorene	0.013	U
106-44-5	3&4-Methylphenol	0.20	U	118-74-1	Hexachlorobenzene	0.021	U
91-94-1	3,3'-Dichlorobenzidine	0.093	U	87-68-3	Hexachlorobutadiene	0.013	U
99-09-2	3-Nitroaniline	0.13	U	77-47-4	Hexachlorocyclopentadiene	0.14	U
534-52-1	4,6-Dinitro-2-methylphenol	0.10	U	67-72-1	Hexachloroethane	0.018	U
101-55-3	4-Bromophenyl-phenylether	0.022	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0090**	**0.067**
59-50-7	4-Chloro-3-methylphenol	0.11	U	78-59-1	Isophorone	0.28	U
106-47-8	4-Chloroaniline	0.36	U	621-64-7	N-Nitroso-di-n-propylamine	0.017	U
7005-72-3	4-Chlorophenyl-phenylether	0.015	U	62-75-9	N-Nitrosodimethylamine	0.59	U
100-01-6	4-Nitroaniline	0.079	U	86-30-6	n-Nitrosodiphenylamine	0.014	U
100-02-7	4-Nitrophenol	0.075	U	91-20-3	Naphthalene	0.0051	U
83-32-9	Acenaphthene	0.0087	U	98-95-3	Nitrobenzene	0.015	U
208-96-8	Acenaphthylene	0.0080	U	87-86-5	Pentachlorophenol	0.051	U
120-12-7	Anthracene	0.010	U	**85-01-8**	**Phenanthrene**	**0.012**	**0.058**
92-87-5	Benzidine	0.55	U	108-95-2	Phenol	0.087	U
56-55-3	**Benzo[a]anthracene**	**0.0074**	**0.13**	**129-00-0**	**Pyrene**	**0.012**	**0.24**
50-32-8	**Benzo[a]pyrene**	**0.0088**	**0.11**				

Worksheet #: 18054

Total Target Concentration 1.24

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\5M09852.D Vial: 27
Acq On : 8 Aug 2005 15:55 Operator: AHD
Sample : AC18778-018 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:27 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

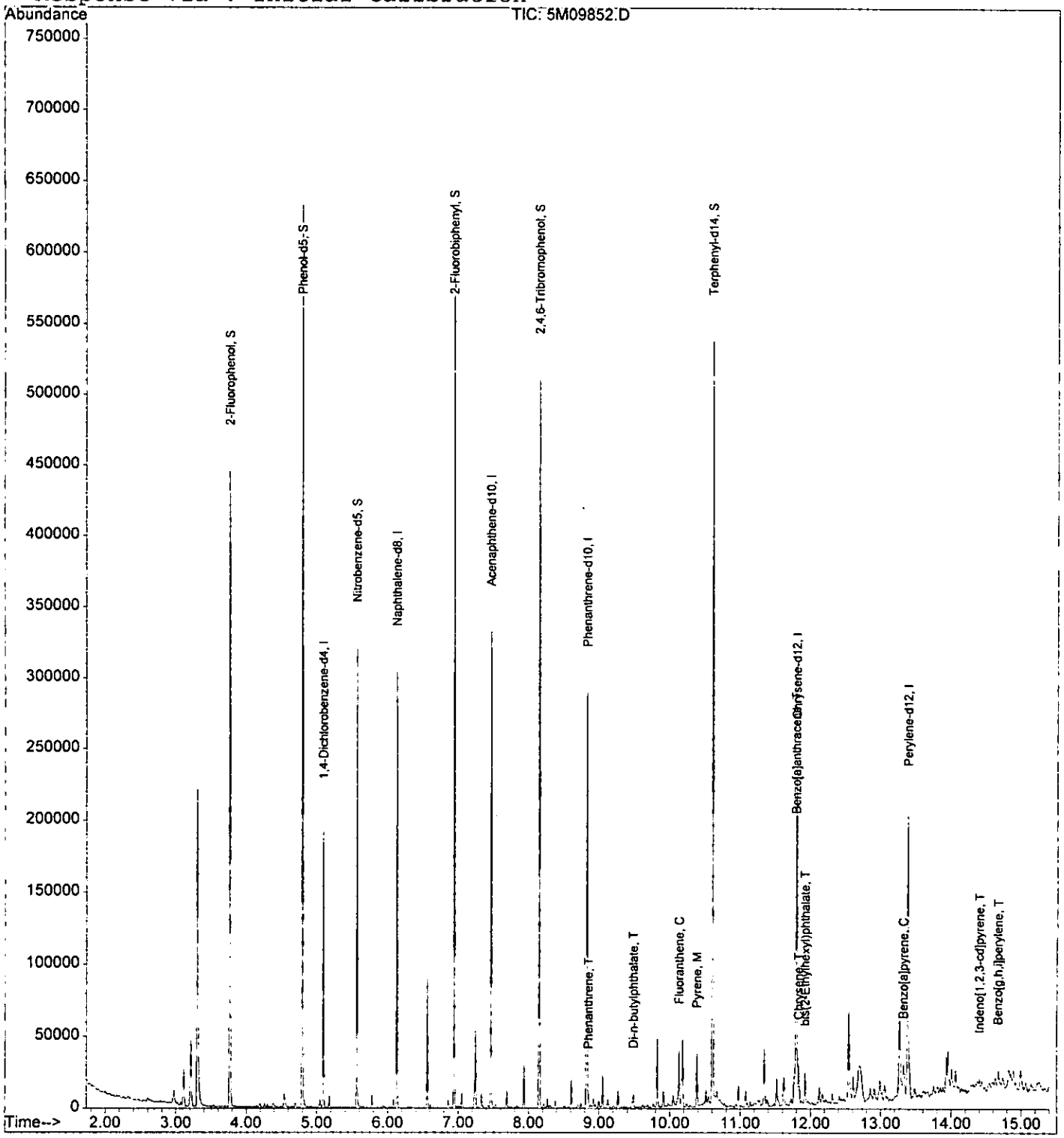
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.09	152	23804	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	96314	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	60732	40.00	ng	-0.18
61) Phenanthrene-d10	8.83	188	105520	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	76686	40.00	ng	-0.23
88) Perylene-d12	13.39	264	60323	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	127263	158.73	ng	-0.20
Spiked Amount 200.000			Recovery = 79.36%			
8) Phenol-d5	4.80	99	178703	152.43	ng	-0.15
Spiked Amount 200.000			Recovery = 76.22%			
21) Nitrobenzene-d5	5.57	128	32106	76.14	ng	-0.15
Spiked Amount 100.000			Recovery = 76.14%			
41) 2-Fluorobiphenyl	6.94	172	140997	74.27	ng	-0.15
Spiked Amount 100.000			Recovery = 74.27%			
64) 2,4,6-Tribromophenol	8.16	330	39079	173.05	ng	-0.19
Spiked Amount 200.000			Recovery = 86.53%			
80) Terphenyl-d14	10.60	244	162328	89.60	ng	-0.21
Spiked Amount 100.000			Recovery = 89.60%			
Target Compounds						Qvalue
70) Phenanthrene	8.85	178	3308	1.09	ng	97
74) Di-n-butylphthalate	9.49	149	4783	1.40	ng	99
76) Fluoranthene	10.13	202	15693	4.73	ng	97
78) Pyrene	10.38	202	13776	4.49	ng	97
85) Benzo[a]anthracene	11.79	228	7180	2.55	ng	97
86) Chrysene	11.83	228	5895	2.28	ng	97
87) bis(2-Ethylhexyl)phthalate	11.93	149	4093	2.19	ng	84
92) Benzo[a]pyrene	13.32	252	4593	2.05	ng	91
93) Indeno[1,2,3-cd]pyrene	14.41	276	3094	1.27	ng	80
95) Benzo[g,h,i]perylene	14.67	276	2713	1.34	ng	96

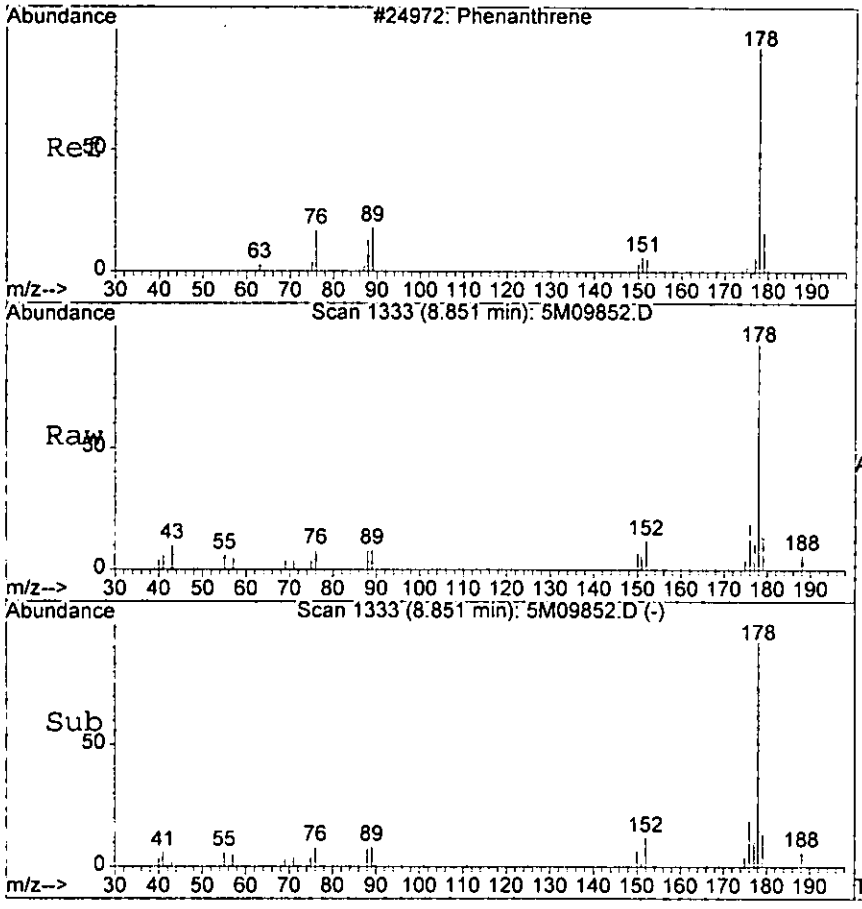
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09852.D Vial: 27
Acq On : 8 Aug 2005 15:55 Operator: AHD
Sample : AC18778-018 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:27 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

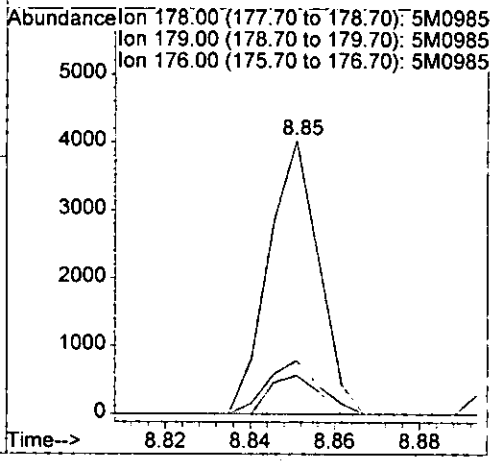




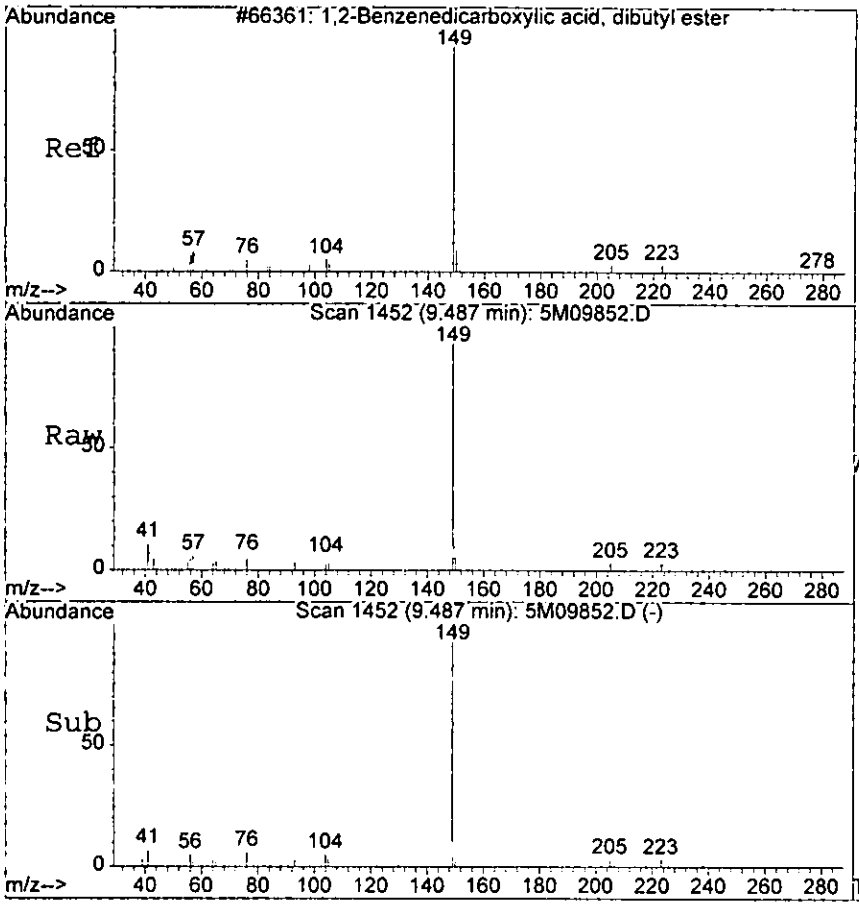
#70
Phenanthrene
Concen: 1.09 ng
RT: 8.85 min Scan# 1333
Delta R.T. -0.20 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:178 Resp: 3308

Ion	Ratio	Lower	Upper
178	100		
179	13.9	0.0	54.9
176	19.5	0.0	57.7



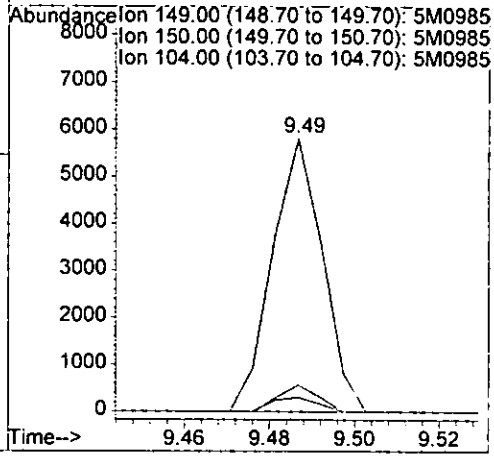
000082



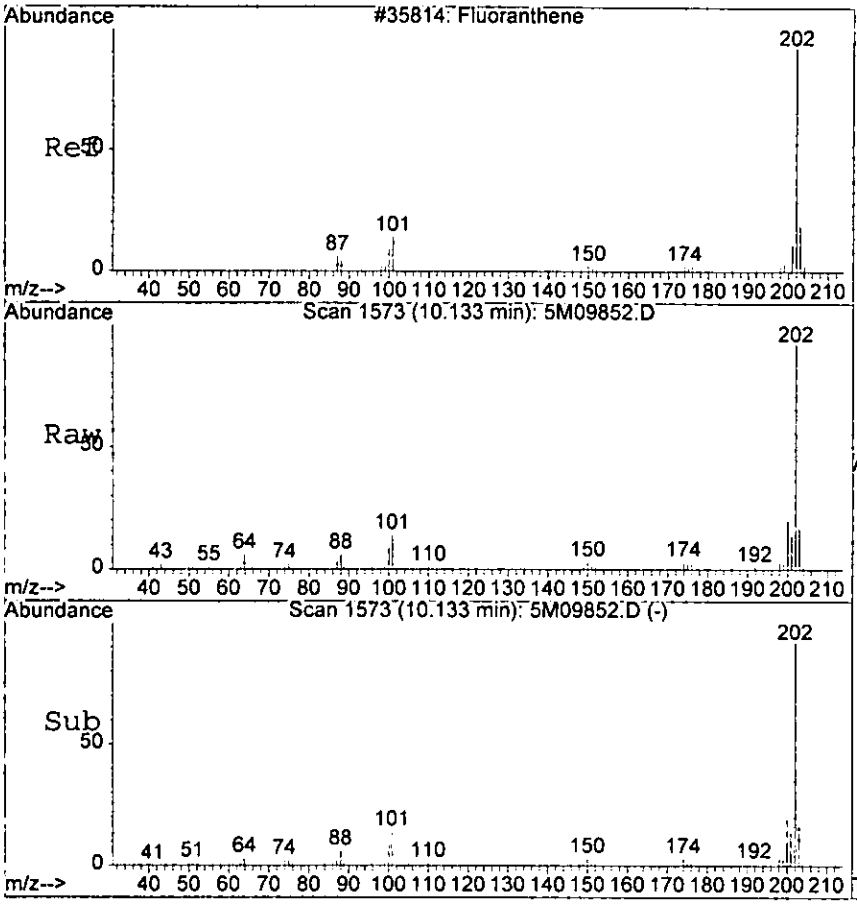
#74
Di-n-butylphthalate
Concen: 1.40 ng
RT: 9.49 min Scan# 1452
Delta R.T. -0.20 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:149 Resp: 4783

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	49.0
104	5.3	0.0	45.3

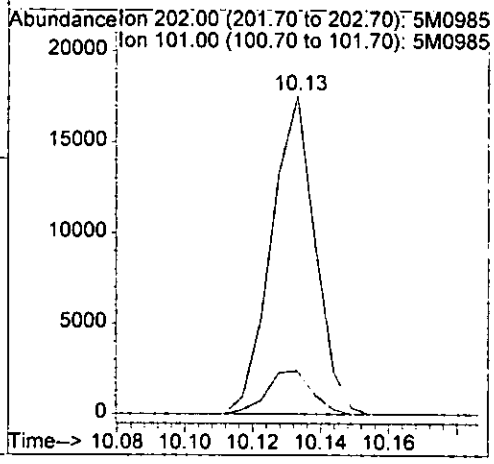


8/10/05

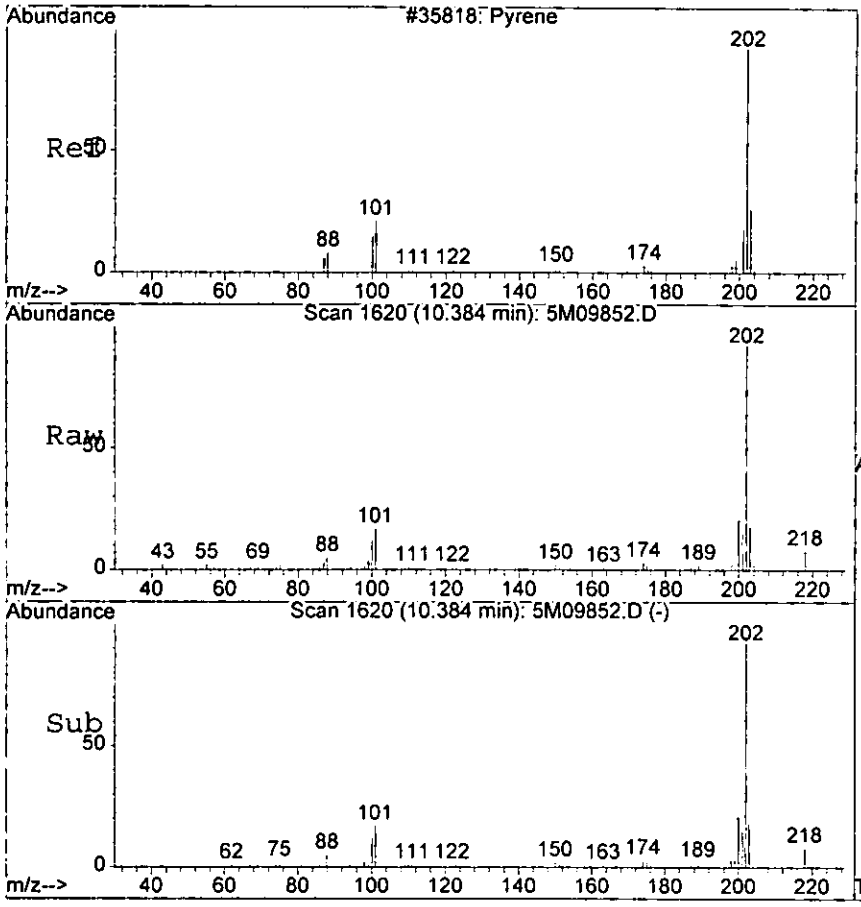


#76
Fluoranthene
Concen: 4.73 ng
RT: 10.13 min Scan# 1573
Delta R.T. -0.22 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:202	Resp:	15693	
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	52.5



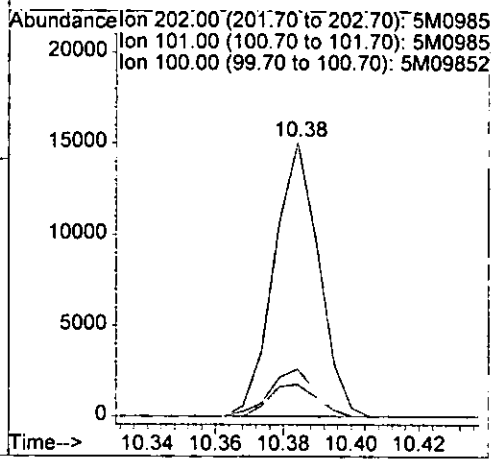
1.8105



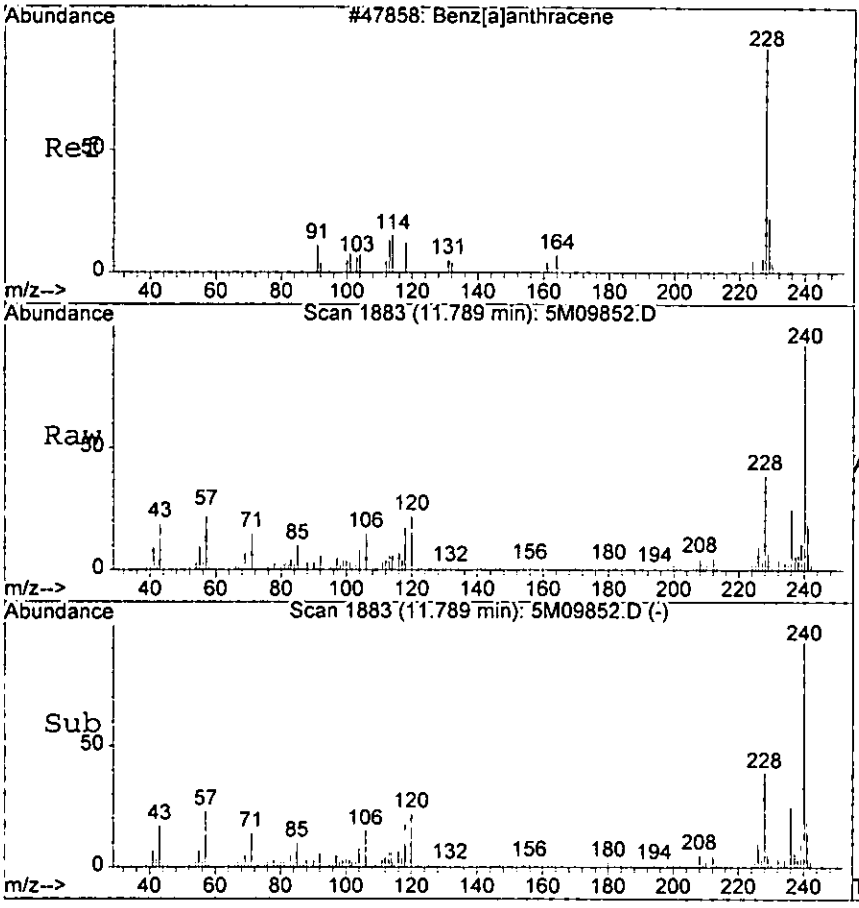
#78
Pyrene
Concen: 4.49 ng
RT: 10.38 min Scan# 1620
Delta R.T. -0.22 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:202 Resp: 13776

Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	55.5
100	11.8	0.0	52.1

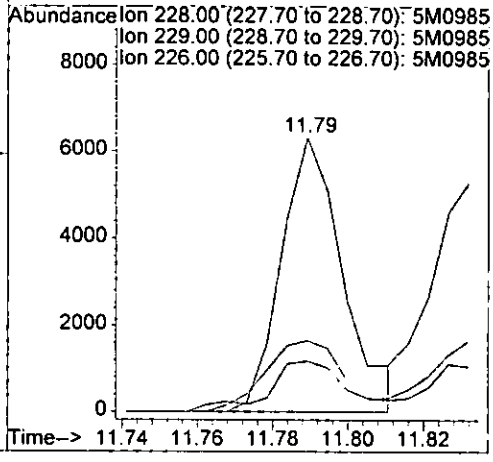


8/10/05

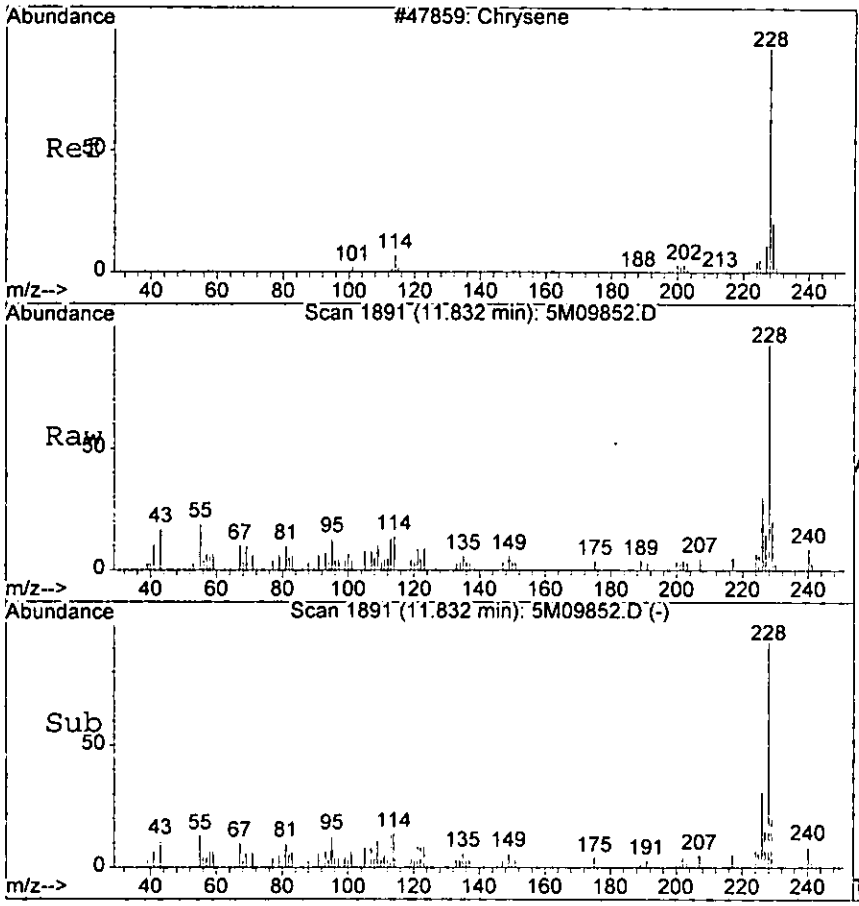


#85
Benzo[a]anthracene
Concen: 2.55 ng
RT: 11.79 min Scan# 1883
Delta R.T. -0.23 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:228	Resp:	7180
Ion	Ratio	Lower	Upper
228	100		
229	16.0	0.0	58.7
226	26.2	0.0	66.4



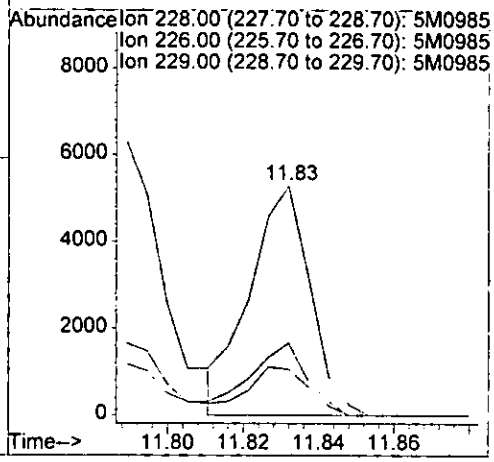
000686



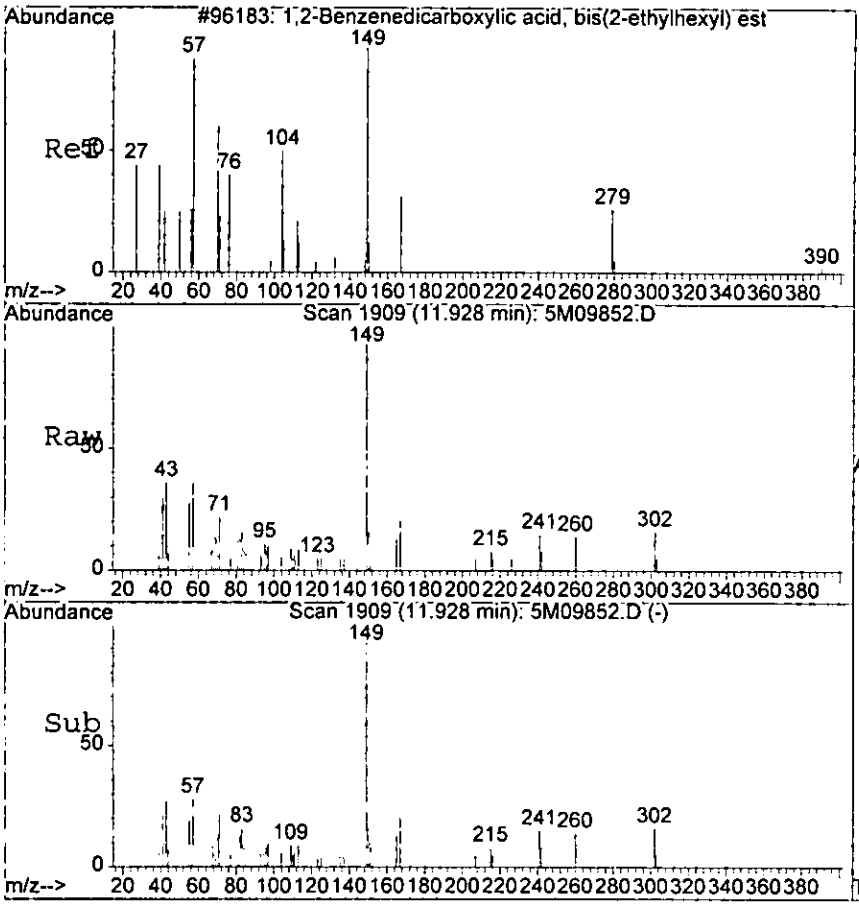
#86
Chrysene
Concen: 2.28 ng
RT: 11.83 min Scan# 1891
Delta R.T. -0.23 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:228 Resp: 5895

Ion	Ratio	Lower	Upper
228	100		
226	31.3	9.1	49.1
229	19.9	0.0	60.1



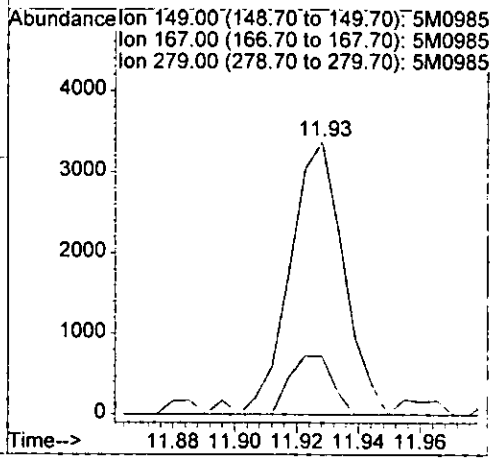
L8105

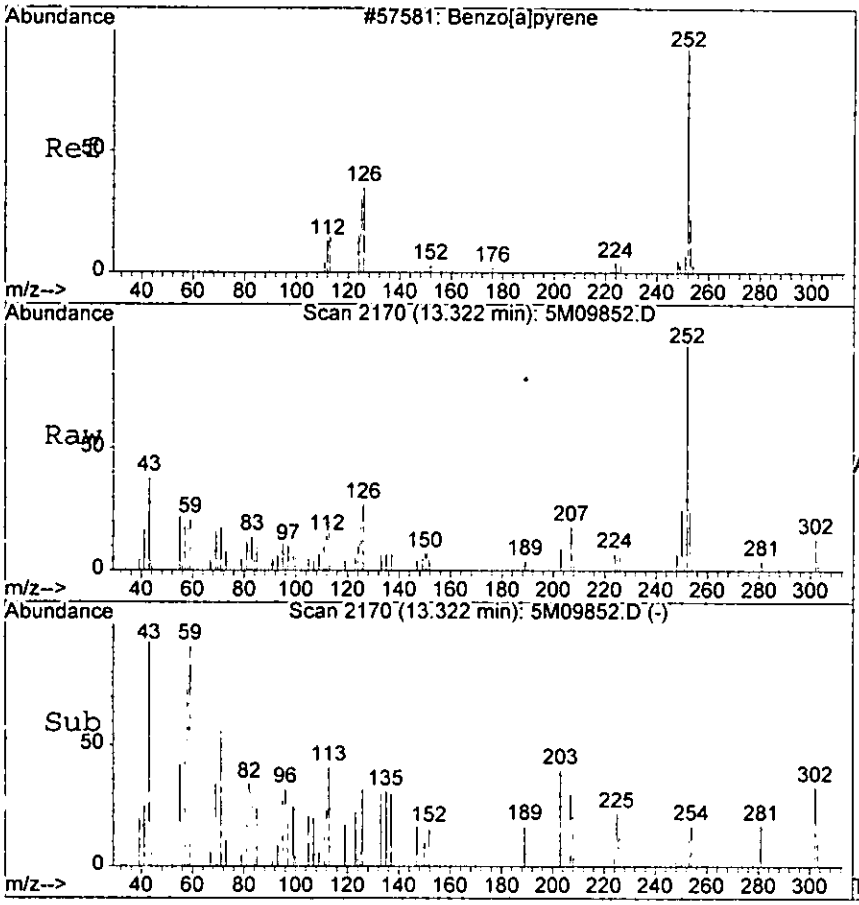


#87
bis(2-Ethylhexyl)phthalate
Concen: 2.19 ng
RT: 11.93 min Scan# 1909
Delta R.T. -0.20 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:149 Resp: 4093

Ion	Ratio	Lower	Upper
149	100		
167	21.4	2.4	58.4
279	0.0	0.0	44.1

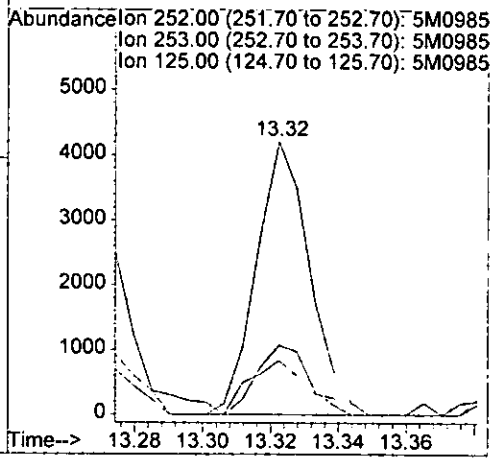




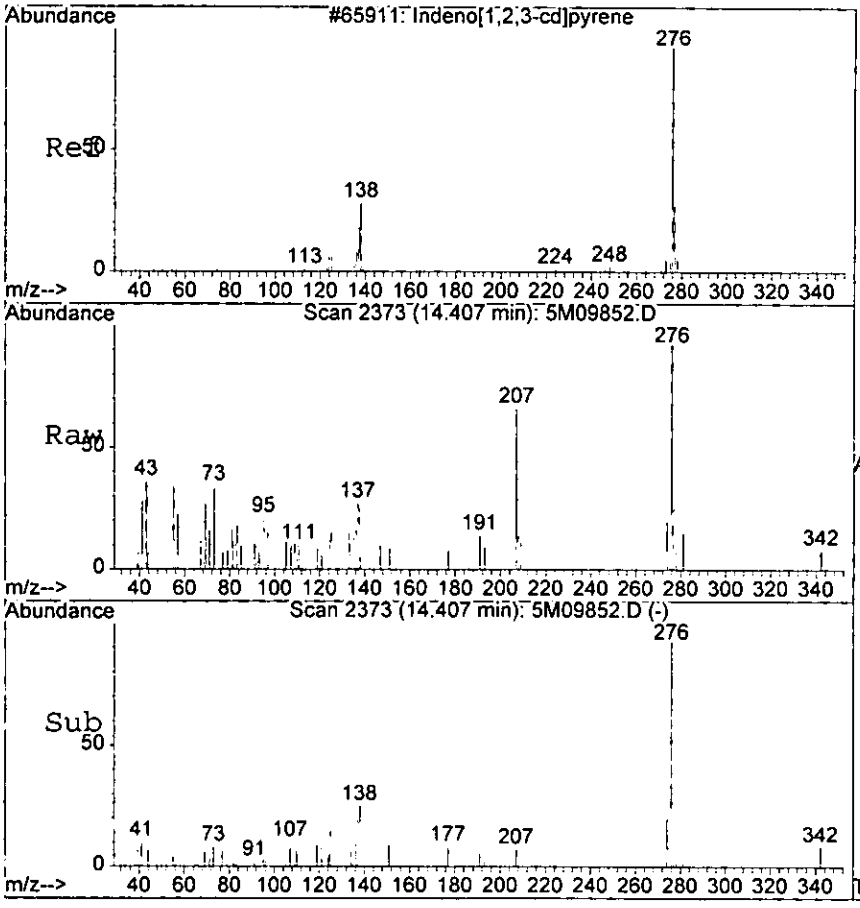
#92
Benzo[a]pyrene
Concen: 2.05 ng
RT: 13.32 min Scan# 2170
Delta R.T. -0.24 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

Tgt Ion:252 Resp: 4593

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	61.5
125	19.9	0.0	56.0

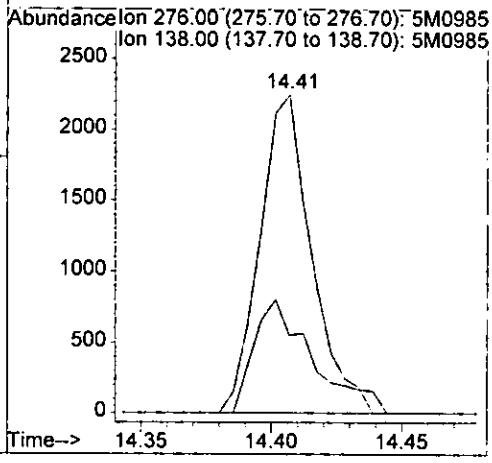


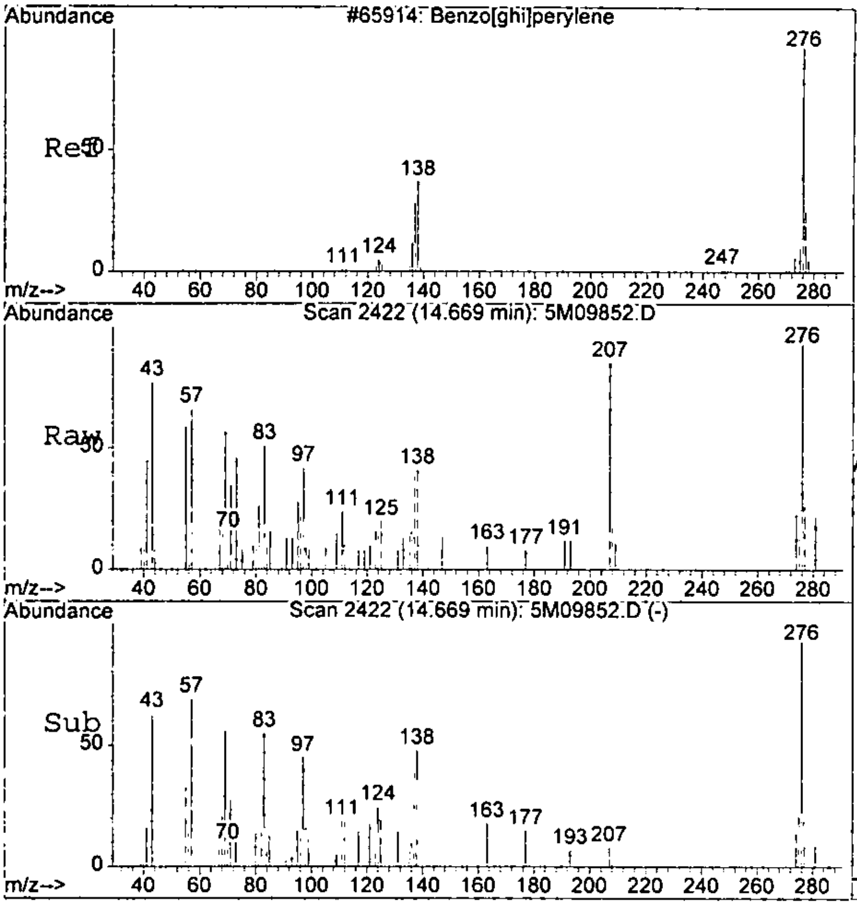
000089



#93
Indeno[1,2,3-cd]pyrene
Concen: 1.27 ng
RT: 14.41 min Scan# 2373
Delta R.T. -0.29 min
Lab File: 5M09852.D
Acq: 8 Aug 2005 15:55

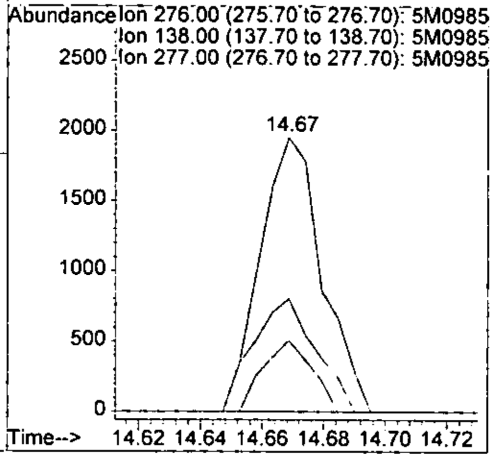
Tgt Ion:276	Resp:	3094	
Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	76.1





#95
Benzo[g,h,i]perylene
Concen: 1.34 ng
RT: 14.67 min   Scan# 2422
Delta R.T.   -0.32 min
Lab File: 5M09852.D
Acq: 8 Aug 2005   15:55

Tgt	Ion:276	Resp:	2713
Ion	Ratio	Lower	Upper
276	100		
138	41.1	0.0	78.3
277	25.9	0.0	64.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18778-019(5X)
Client Id: PCSB-36(0.5')
Data File: 4M05445.D
Analysis Date: 08/08/05 14:35
Date Rec/Extracted: 07/27/05-08/04/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 86

0.0052

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.052	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.058**	**13**
95-50-1	1,2-Dichlorobenzene	0.089	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.037**	**8.1**
122-66-7	1,2-Diphenylhydrazine	0.056	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.063**	**3.5**
541-73-1	1,3-Dichlorobenzene	0.081	U	111-91-1	bis(2-Chloroethoxy)methan	0.044	U
106-46-7	1,4-Dichlorobenzene	0.099	U	111-44-4	bis(2-Chloroethyl)ether	0.10	U
95-95-4	2,4,5-Trichlorophenol	2.6	U	108-60-1	bis(2-chloroisopropyl)ether	0.063	U
88-06-2	2,4,6-Trichlorophenol	4.7	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.17**	**0.41**
120-83-2	2,4-Dichlorophenol	0.31	U	85-68-7	Butylbenzylphthalate	0.078	U
105-67-9	2,4-Dimethylphenol	0.27	U	**86-74-8**	**Carbazole**	**0.057**	**0.91**
51-28-5	2,4-Dinitrophenol	1.3	U	**218-01-9**	**Chrysene**	**0.040**	**11**
121-14-2	2,4-Dinitrotoluene	0.072	U	84-74-2	Di-n-butylphthalate	0.043	U
606-20-2	2,6-Dinitrotoluene	0.080	U	117-84-0	Di-n-octylphthalate	0.046	U
91-58-7	2-Chloronaphthalene	0.054	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.068**	**2.9**
95-57-8	2-Chlorophenol	0.40	U	**132-64-9**	**Dibenzofuran**	**0.25**	**0.99**
91-57-6	**2-Methylnaphthalene**	**0.25**	**1.3**	84-66-2	Diethylphthalate	0.053	U
95-48-7	2-Methylphenol	0.92	U	131-11-3	Dimethylphthalate	0.044	U
88-74-4	2-Nitroaniline	0.14	U	**206-44-0**	**Fluoranthene**	**0.056**	**20**
88-75-5	2-Nitrophenol	0.23	U	**86-73-7**	**Fluorene**	**0.049**	**1.4**
106-44-5	3&4-Methylphenol	1.0	U	118-74-1	Hexachlorobenzene	0.090	U
91-94-1	3,3'-Dichlorobenzidine	0.42	U	87-68-3	Hexachlorobutadiene	0.082	U
99-09-2	3-Nitroaniline	0.80	U	77-47-4	Hexachlorocyclopentadiene	0.52	U
534-52-1	4,6-Dinitro-2-methylphenol	0.37	U	67-72-1	Hexachloroethane	0.14	U
101-55-3	4-Bromophenyl-phenylether	0.074	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.027**	**7.0**
59-50-7	4-Chloro-3-methylphenol	0.49	U	78-59-1	Isophorone	0.060	U
106-47-8	4-Chloroaniline	1.5	U	621-64-7	N-Nitroso-di-n-propylamine	0.094	U
7005-72-3	4-Chlorophenyl-phenylether	0.090	U	62-75-9	N-Nitrosodimethylamine	2.3	U
100-01-6	4-Nitroaniline	0.48	U	86-30-6	n-Nitrosodiphenylamine	0.092	U
100-02-7	4-Nitrophenol	0.34	U	**91-20-3**	**Naphthalene**	**0.046**	**1.8**
83-32-9	**Acenaphthene**	**0.081**	**0.47**	98-95-3	Nitrobenzene	0.077	U
208-96-8	**Acenaphthylene**	**0.045**	**1.9**	87-86-5	Pentachlorophenol	0.24	U
120-12-7	**Anthracene**	**0.051**	**3.5**	**85-01-8**	**Phenanthrene**	**0.045**	**12**
92-87-5	Benzidine	0.44	U	108-95-2	Phenol	0.30	U
56-55-3	**Benzo[a]anthracene**	**0.034**	**11**	**129-00-0**	**Pyrene**	**0.045**	**17**
50-32-8	**Benzo[a]pyrene**	**0.045**	**9.4**				

Worksheet #: 18054

Total Target Concentration 127.58

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\4M05445.D Vial: 21
Acq On : 8 Aug 2005 14:35 Operator: AHD
Sample : AC18778-019(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:28 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 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	26130	40.00	ng	-0.04
19) Naphthalene-d8	5.89	136	74902	40.00	ng	-0.05
35) Acenaphthene-d10	7.47	164	36283	40.00	ng	-0.06
59) Phenanthrene-d10	9.07	188	53465	40.00	ng	-0.06
72) Chrysene-d12	12.27	240	42098	40.00	ng	-0.06
81) Perylene-d12	14.13	264	31874	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.75	112	21134	28.67	ng	-0.05
Spiked Amount 200.000			Recovery = 14.34%			
7) Phenol-d5	4.62	99	26129	26.63	ng	-0.04
Spiked Amount 200.000			Recovery = 13.32%			
20) Nitrobenzene-d5	5.34	128	4634	12.36	ng	-0.04
Spiked Amount 100.000			Recovery = 12.36%			
40) 2-Fluorobiphenyl	6.82	172	20378	17.53	ng	-0.05
Spiked Amount 100.000			Recovery = 17.53%			
62) 2,4,6-Tribromophenol	8.30	332	8395	35.08	ng	-0.06
Spiked Amount 200.000			Recovery = 17.54%			
75) Terphenyl-d14	10.98	244	17527	14.78	ng	-0.05
Spiked Amount 100.000			Recovery = 14.78%			
Target Compounds						Qvalue
29) Naphthalene	5.91	128	15393	9.36	ng	77
33) 2-Methylnaphthalene	6.50	142	7583	6.59	ng	99
46) Acenaphthylene	7.34	152	15558	9.98	ng	96
49) Acenaphthene	7.50	153	2508	2.45	ng	82
52) Dibenzofuran	7.68	168	6858	5.09	ng	96
55) Fluorene	8.04	166	7081	7.15	ng	98
67) Phenanthrene	9.10	178	85167	63.77	ng	99
68) Anthracene	9.16	178	24610	18.15	ng	99
69) Carbazole	9.35	167	5853	4.70	ng	91
71) Fluoranthene	10.50	202	140631	101.23	ng	85
73) Pyrene	10.76	202	138489	85.53	ng	84
78) Benzo[a]anthracene	12.26	228	74303	56.23	ng	94
79) Chrysene	12.30	228	64431	54.59	ng	99
80) bis(2-Ethylhexyl)phthalate	12.40	149	2147	2.09	ng	54
83) Benzo[b]fluoranthene	13.66	252	86273m	65.07	ng	
84) Benzo[k]fluoranthene	13.70	252	20974m	18.27	ng	
85) Benzo[a]pyrene	14.06	252	53091	48.71	ng	95
86) Indeno[1,2,3-cd]pyrene	15.37	276	35644	36.05	ng	94
87) Dibenzo[a,h]anthracene	15.39	278	12271	15.16	ng	85

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

1810

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05445.D Vial: 21
Acq On : 8 Aug 2005 14:35 Operator: AHD
Sample : AC18778-019(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:28 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 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

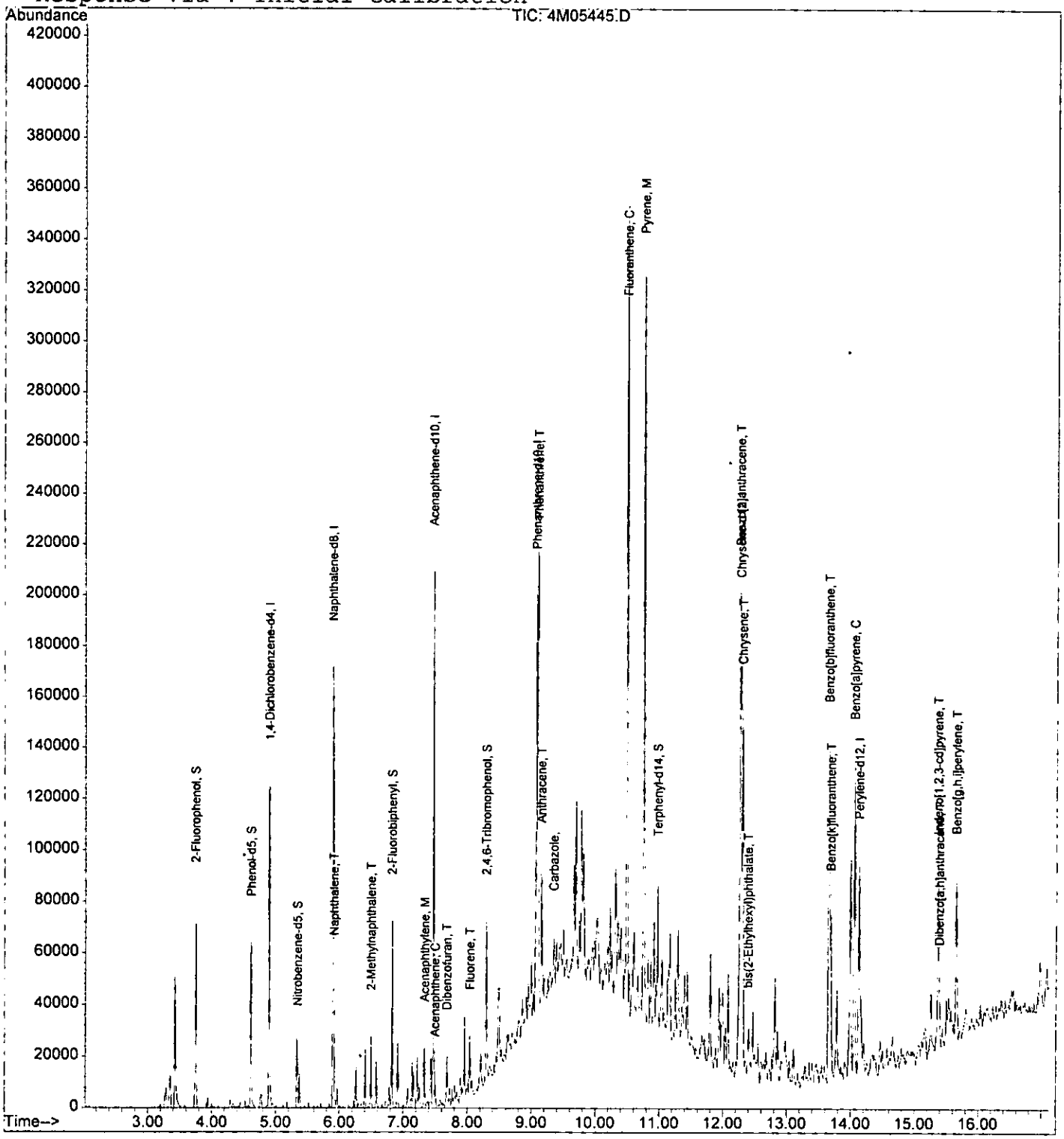
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
88) Benzo[g,h,i]perylene	15.66	276	32971	41.78	ng	92

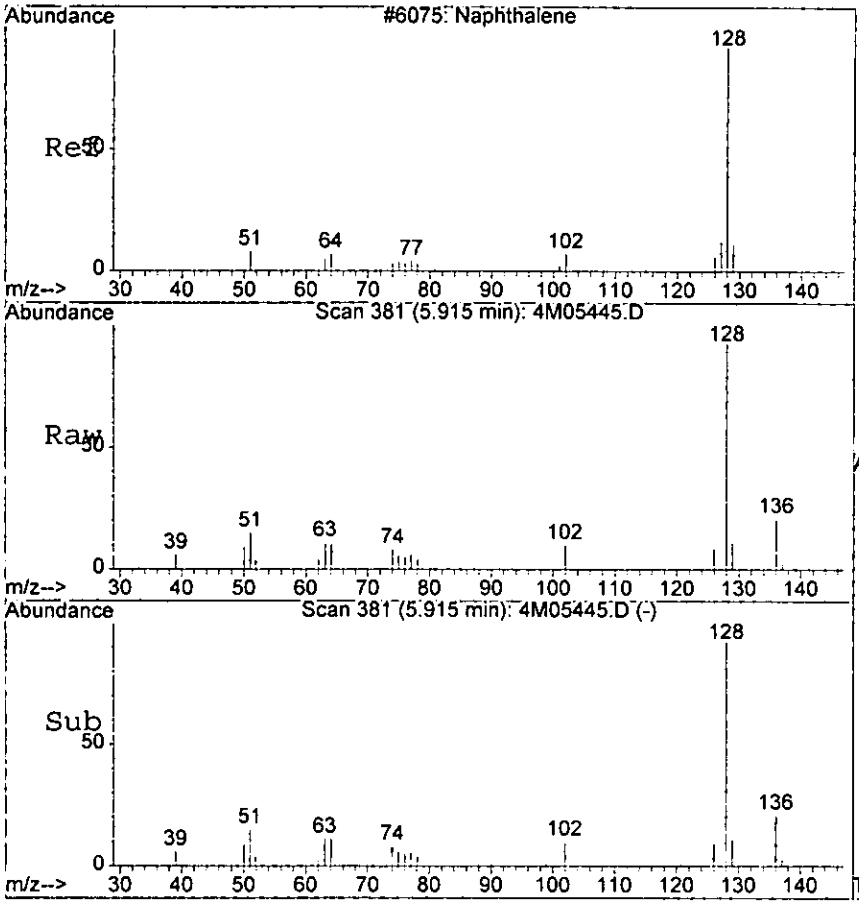
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05445.D Vial: 21
Acq On : 8 Aug 2005 14:35 Operator: AHD
Sample : AC18778-019(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:28 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

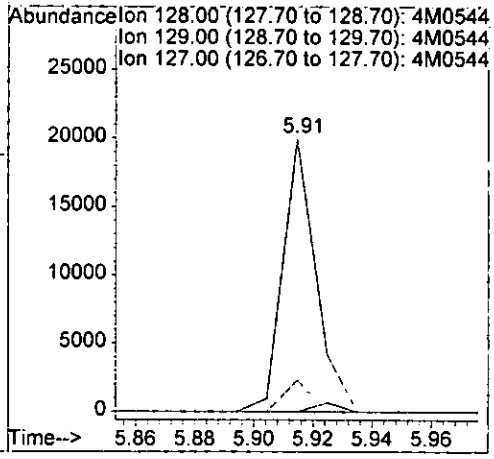




#29
Naphthalene
Concen: 9.36 ng
RT: 5.91 min Scan# 381
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

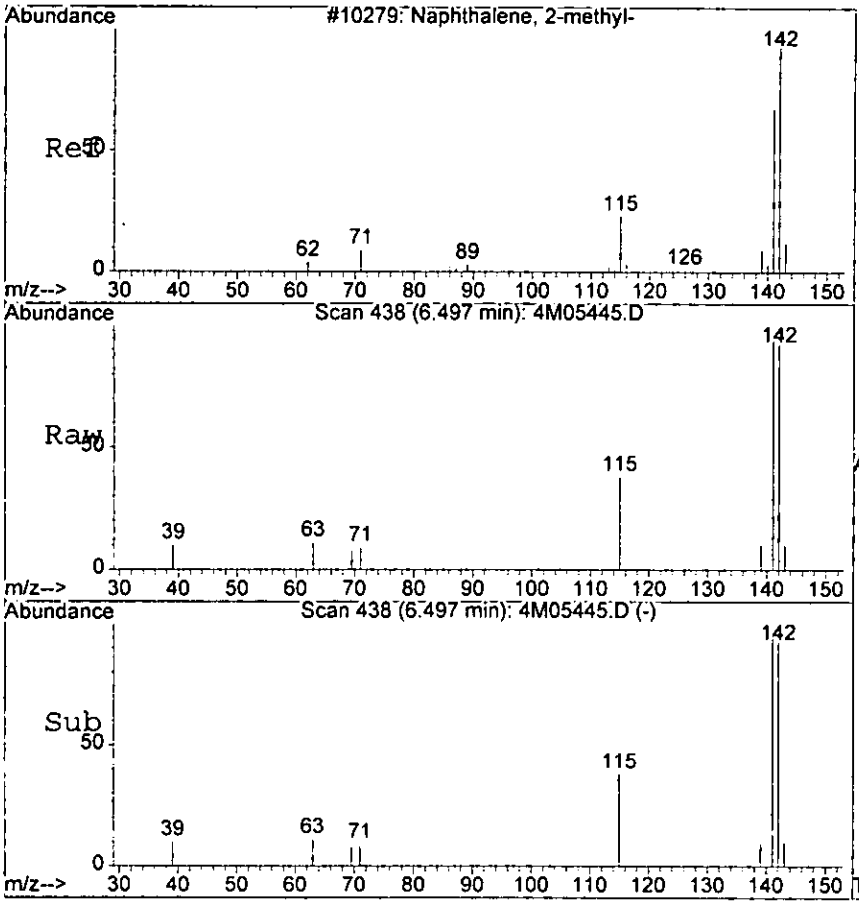
Tgt Ion:128 Resp: 15393

Ion	Ratio	Lower	Upper
128	100		
129	11.5	0.0	51.8
127	0.0	0.0	57.0



000696

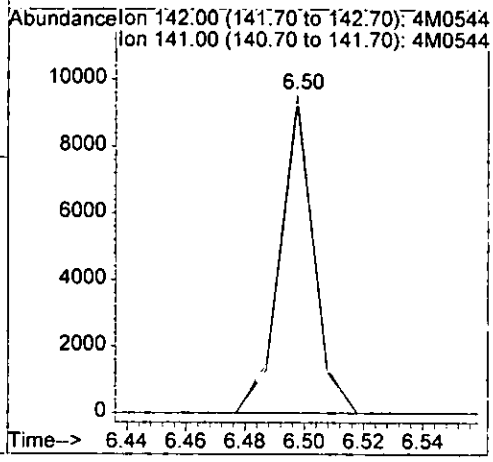
1805



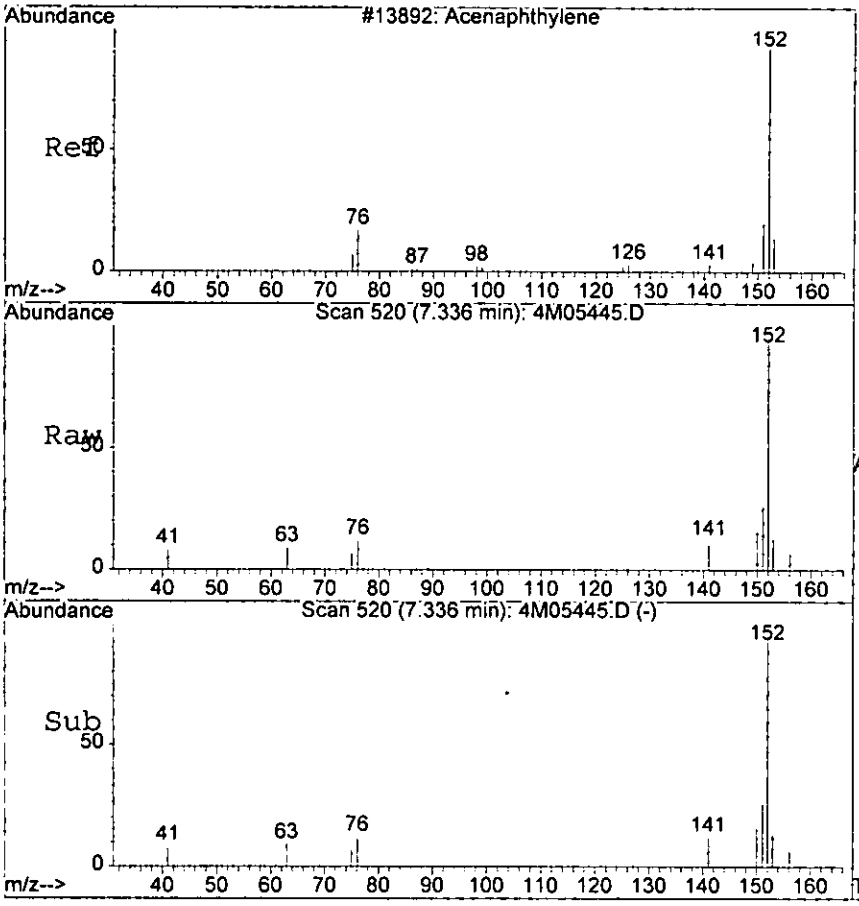
#33
2-Methylnaphthalene
Concen: 6.59 ng
RT: 6.50 min Scan# 438
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:142 Resp: 7583

Ion	Ratio	Lower	Upper
142	100		
141	96.7	55.7	135.7



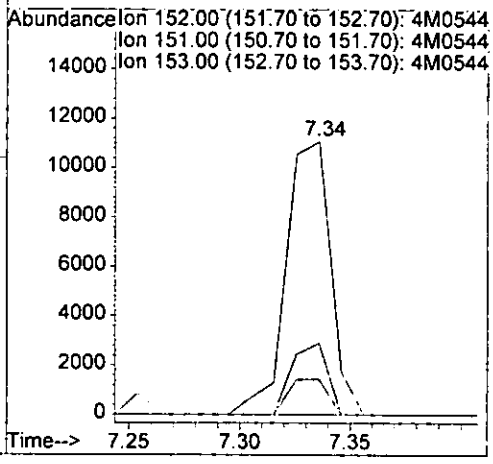
000697

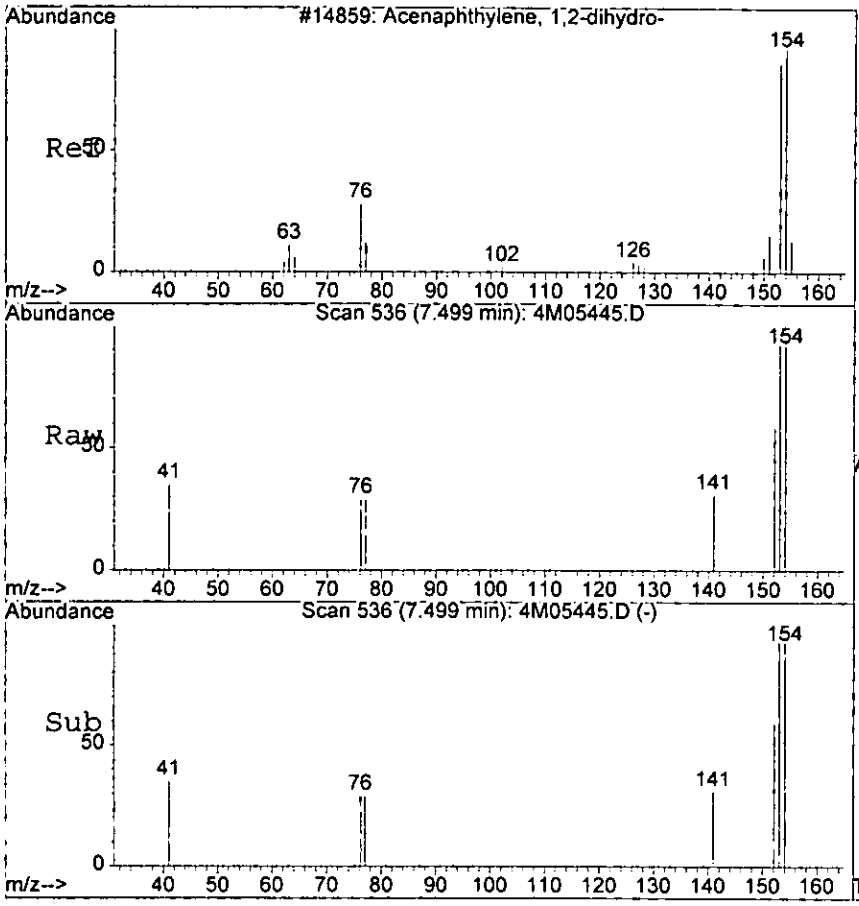


#46
Acenaphthylene
Concen: 9.98 ng
RT: 7.34 min Scan# 520
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:152 Resp: 15558

Ion	Ratio	Lower	Upper
152	100		
151	26.2	0.0	63.6
153	13.0	0.0	53.8

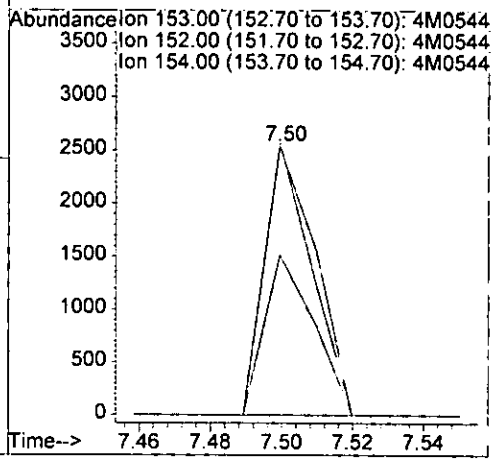




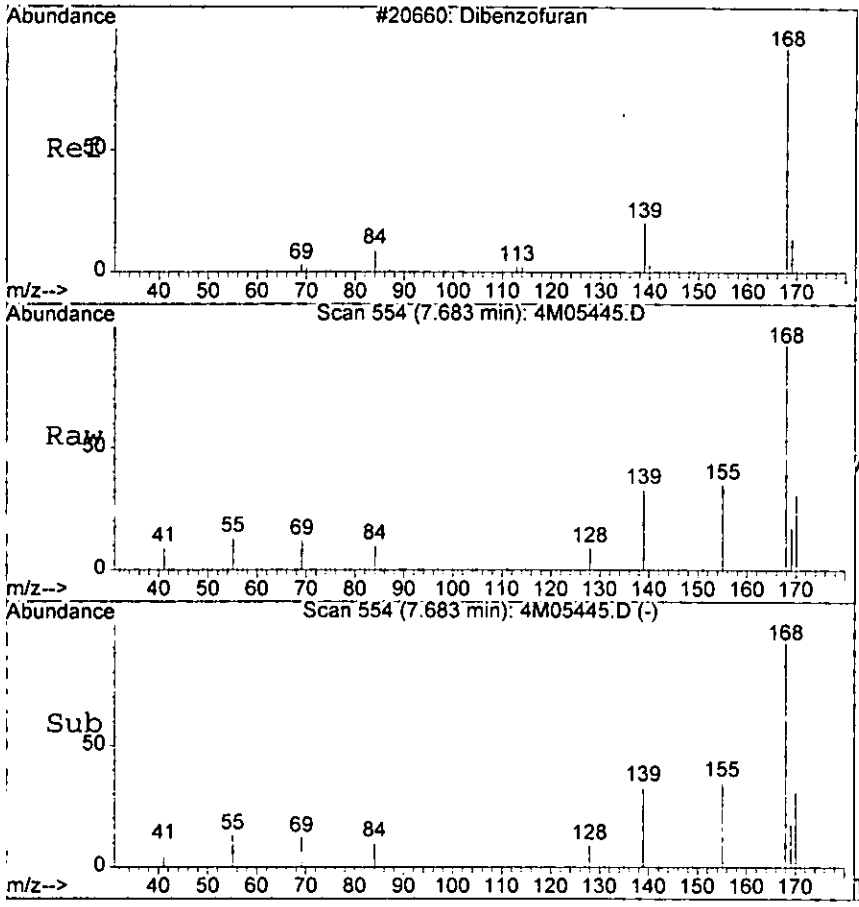
#49
Acenaphthene
Concen: 2.45 ng
RT: 7.50 min Scan# 536
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:153 Resp: 2508

Ion	Ratio	Lower	Upper
153	100		
152	59.8	8.3	88.3
154	101.7	45.1	125.1



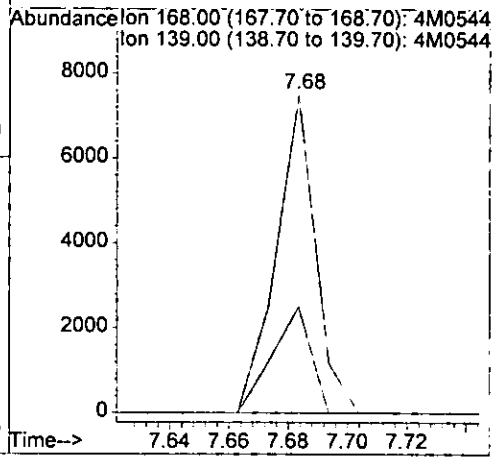
000169

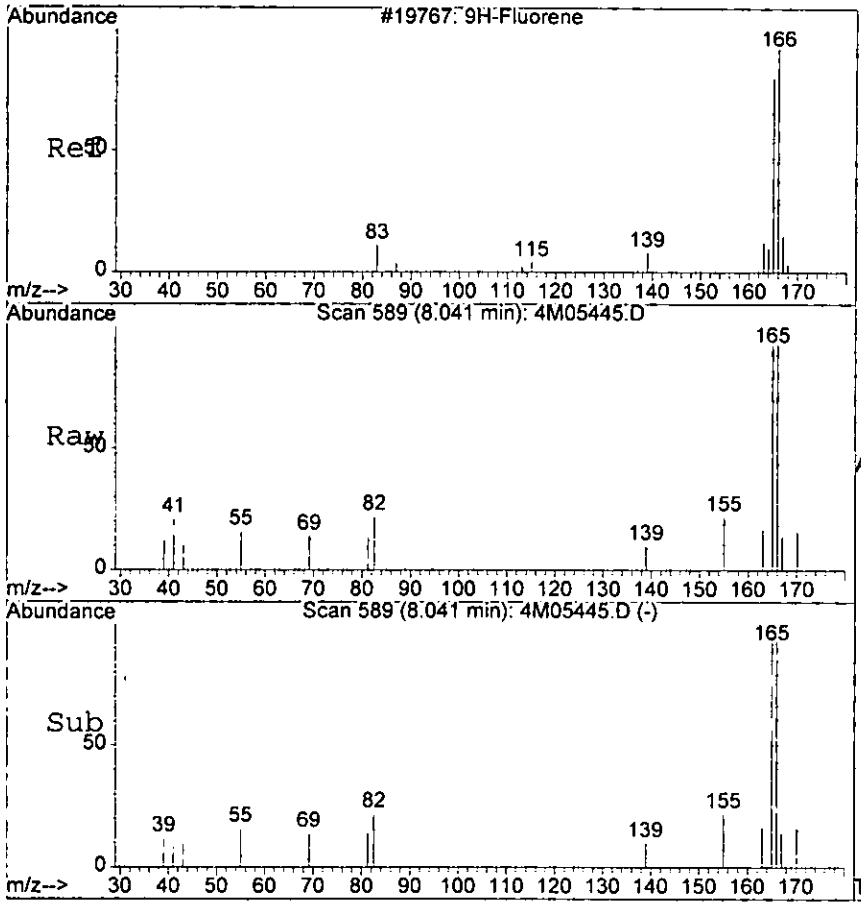


#52
Dibenzofuran
Concen: 5.09 ng
RT: 7.68 min Scan# 554
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:168 Resp: 6858

Ion	Ratio	Lower	Upper
168	100		
139	33.4	6.0	66.0

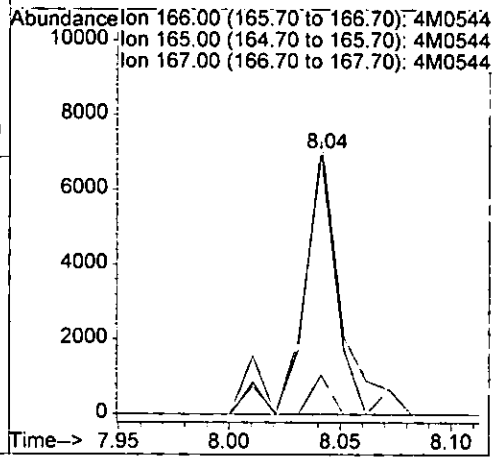




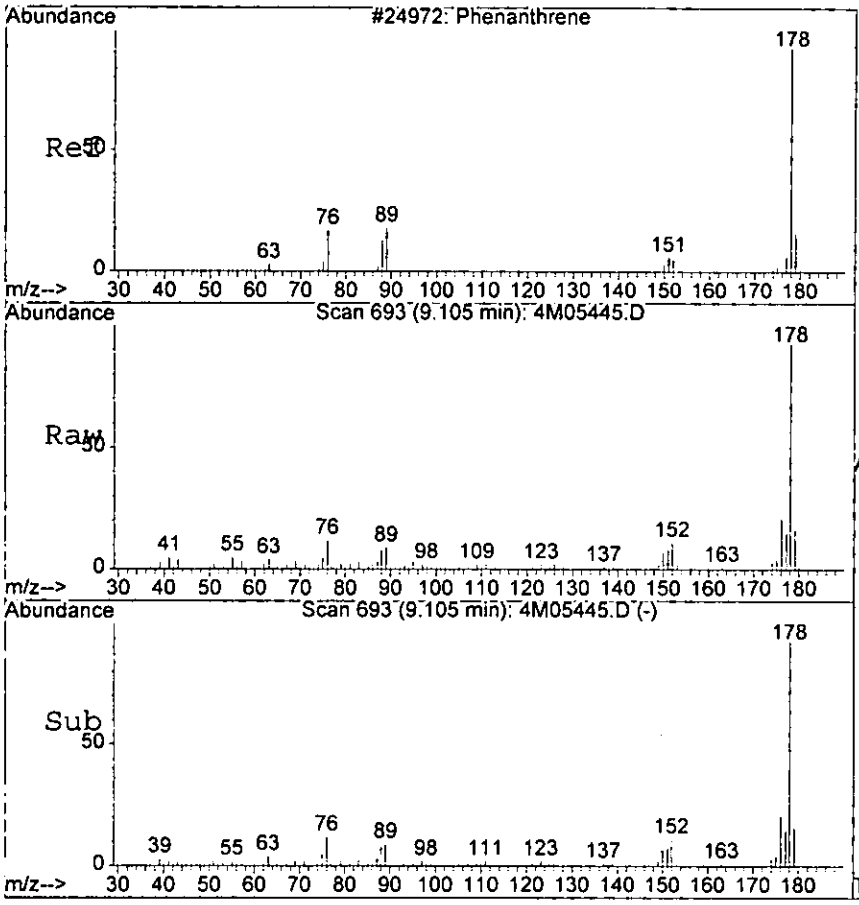
#55
Fluorene
Concen: 7.15 ng
RT: 8.04 min Scan# 589
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:166 Resp: 7081

Ion	Ratio	Lower	Upper
166	100		
165	105.2	63.3	143.3
167	15.2	0.0	54.6



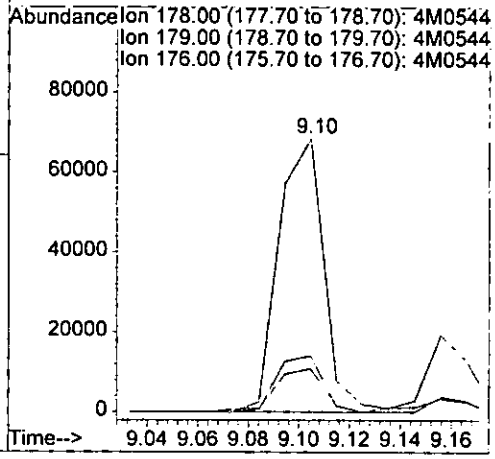
000701



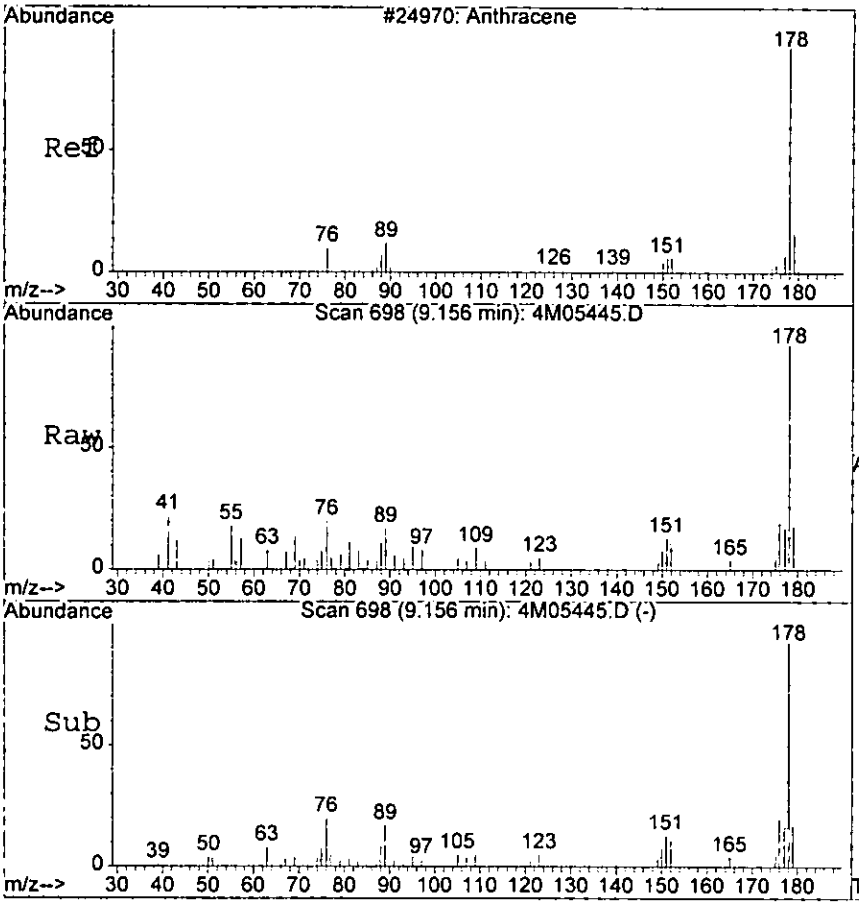
#67
Phenanthrene
Concen: 63.77 ng
RT: 9.10 min Scan# 693
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:178 Resp: 85167

Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	56.6
176	20.5	0.0	60.5



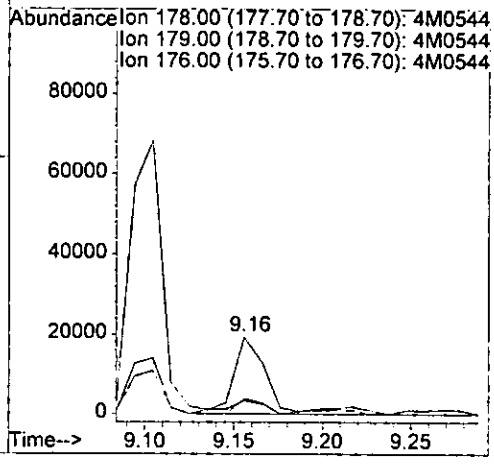
000703



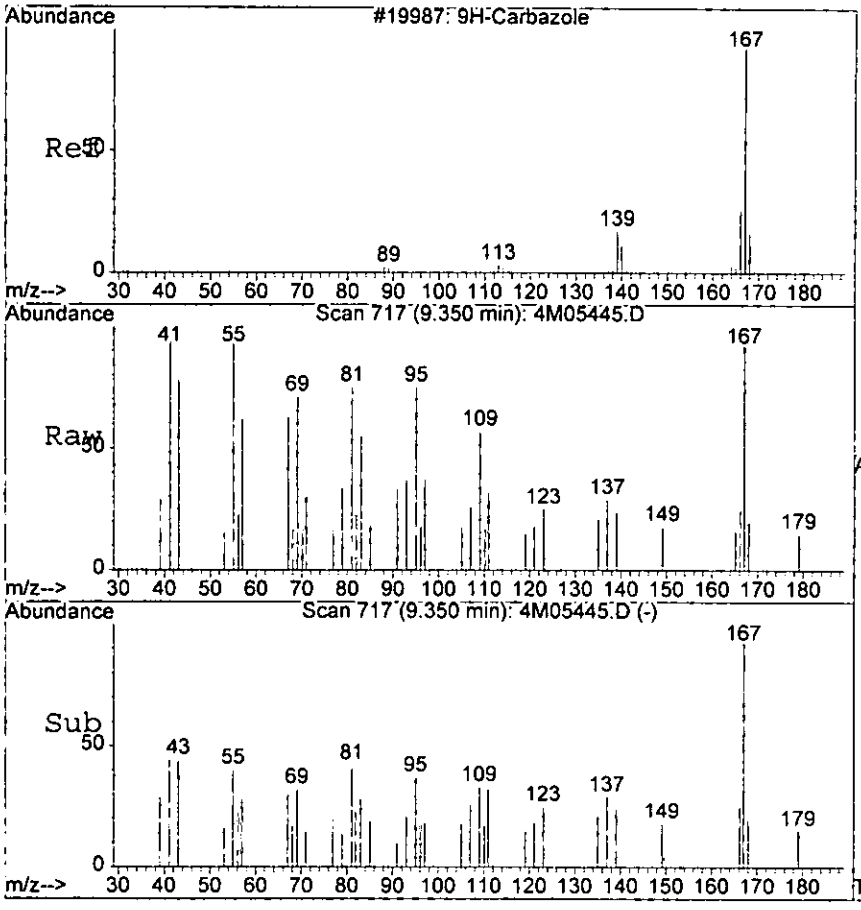
#68
Anthracene
Concen: 18.15 ng
RT: 9.16 min Scan# 698
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:178 Resp: 24610

Ion	Ratio	Lower	Upper
178	100		
179	17.5	0.0	56.6
176	19.8	0.0	60.2



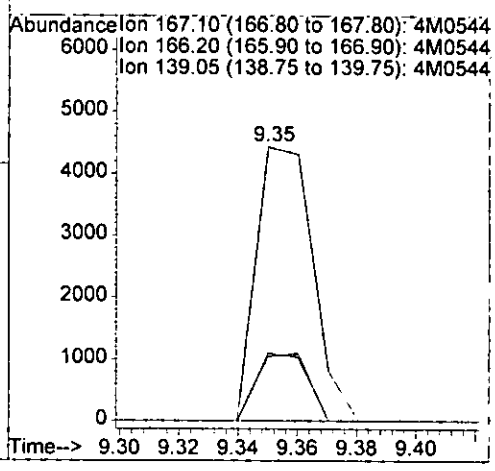
000703

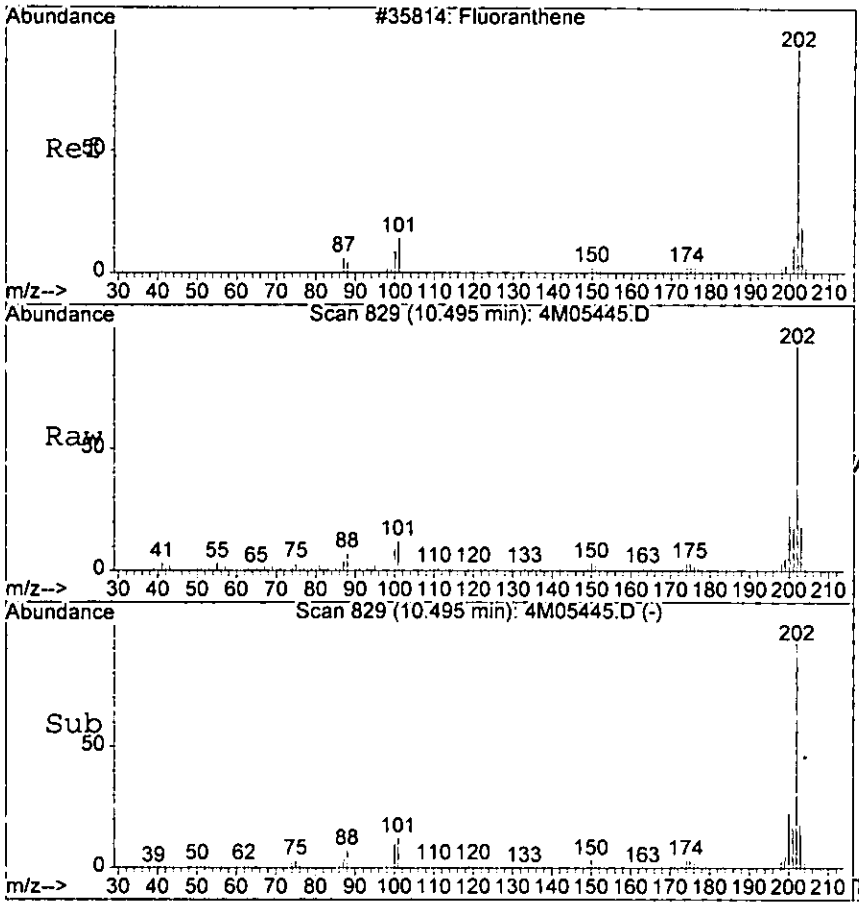


#69
Carbazole
Concen: 4.70 ng
RT: 9.35 min Scan# 717
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:167 Resp: 5853

Ion	Ratio	Lower	Upper
167	100		
166	24.7	4.9	44.9
139	23.7	0.0	33.9

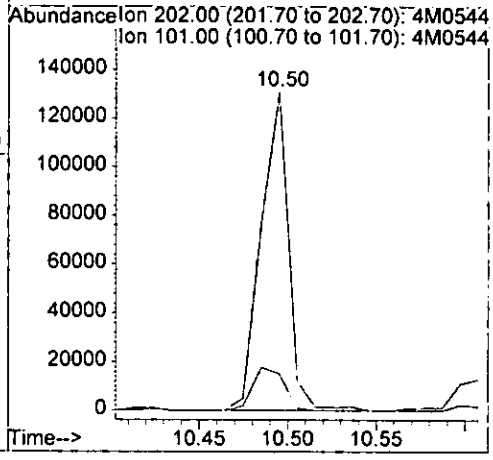




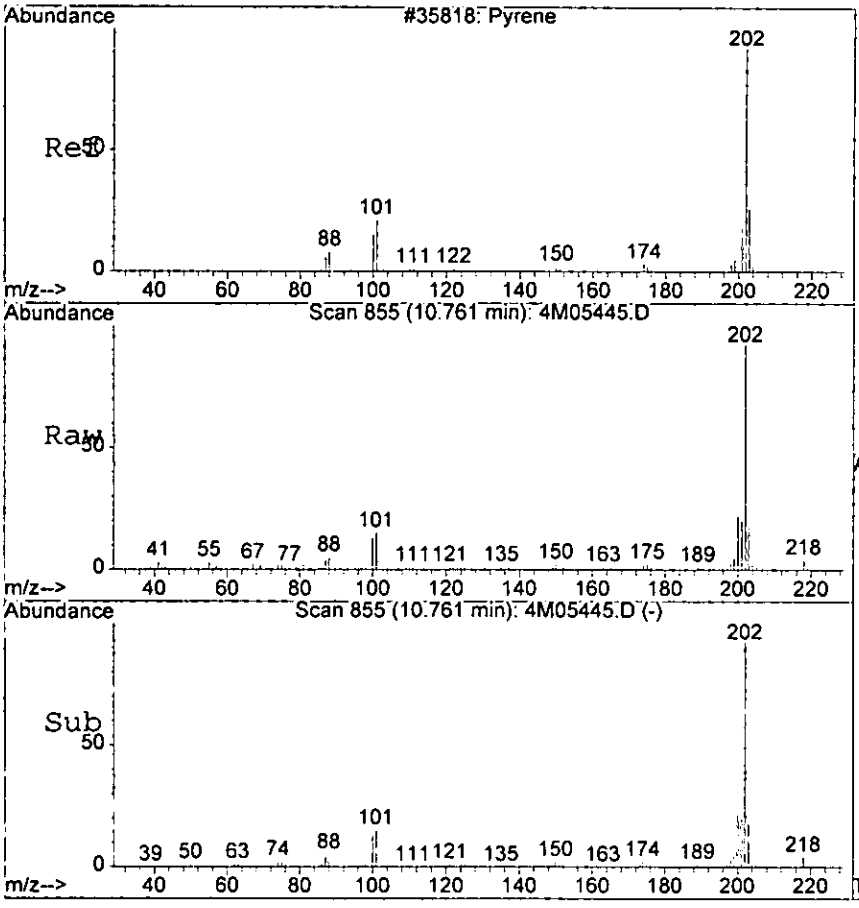
#71
Fluoranthene
Concen: 101.23 ng
RT: 10.50 min Scan# 829
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:202 Resp: 140631

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	58.3

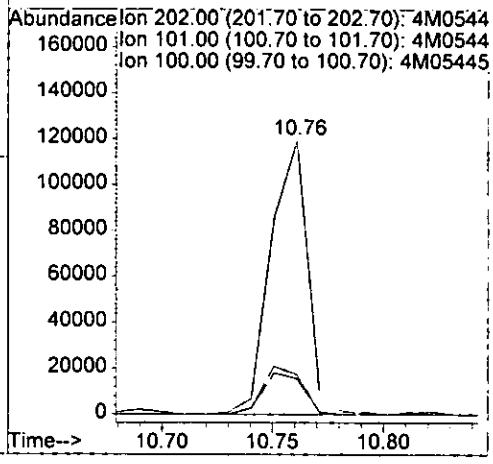


000705

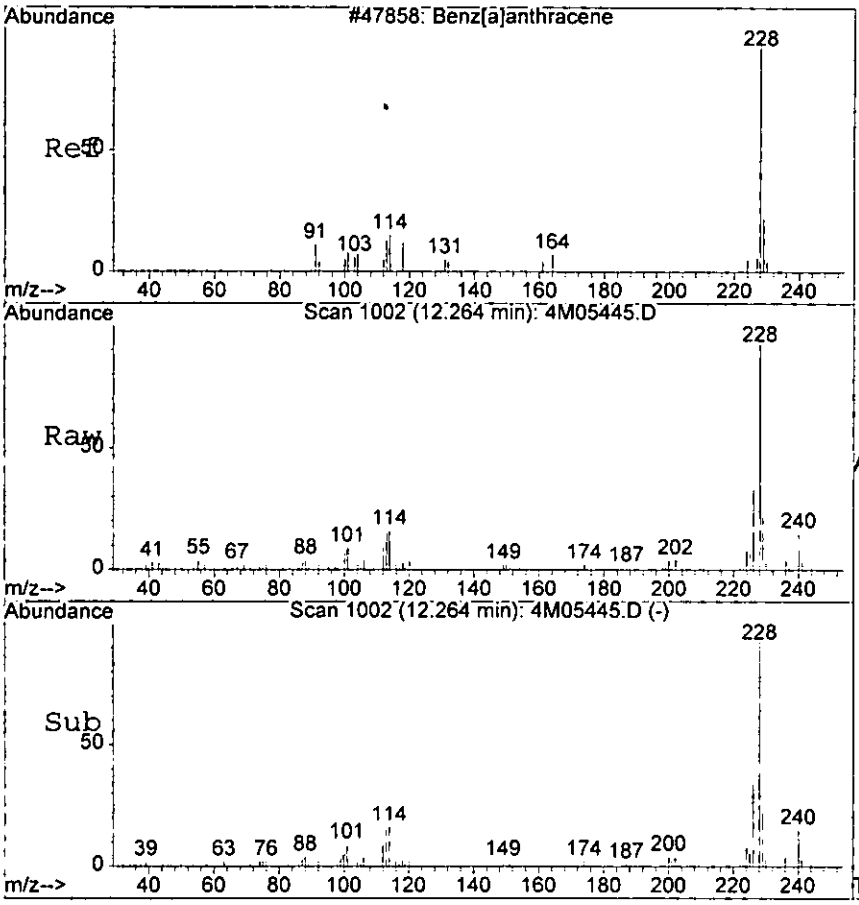


#73
Pyrene
Concen: 85.53 ng
RT: 10.76 min Scan# 855
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:202	Resp:	138489	
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	62.7
100	13.2	0.0	60.5



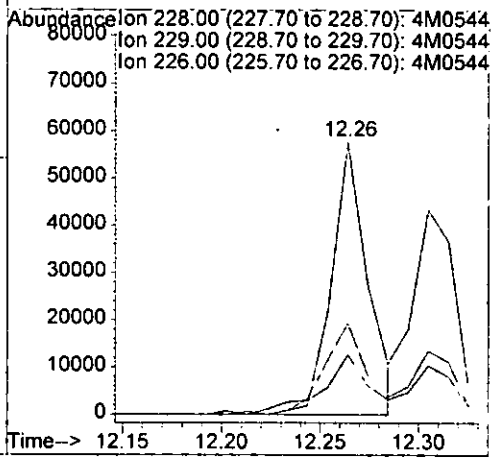
000709



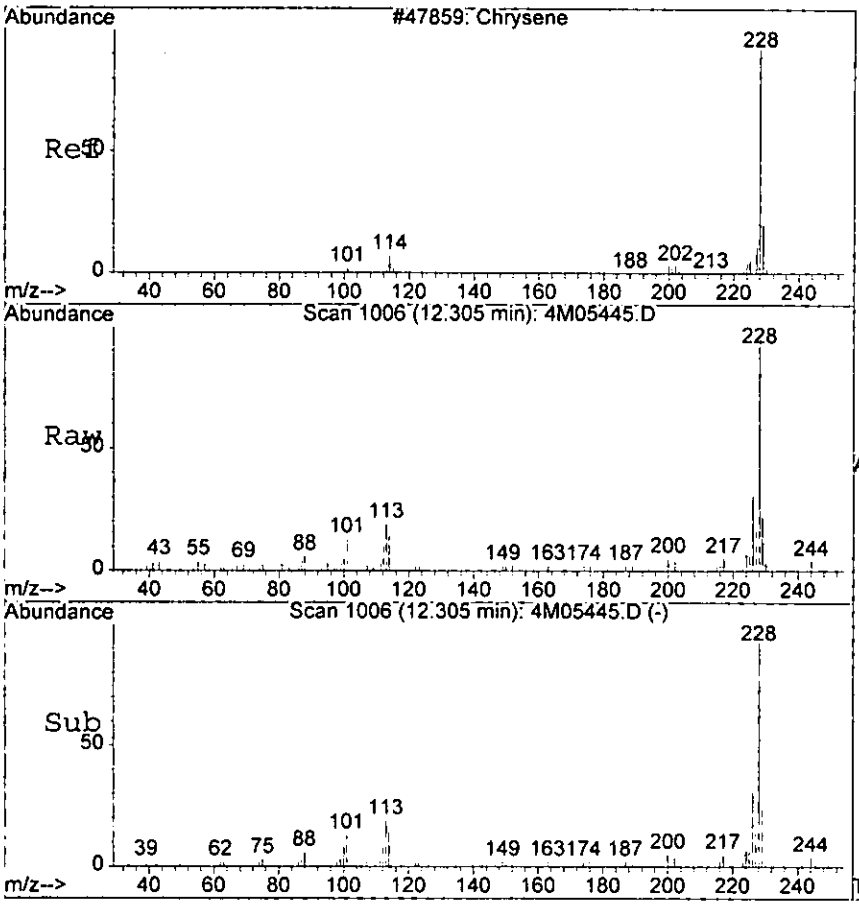
#78
Benzo[a]anthracene
Concen: 56.23 ng
RT: 12.26 min Scan# 1002
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:228 Resp: 74303

Ion	Ratio	Lower	Upper
228	100		
229	21.9	0.0	60.5
226	33.6	0.0	69.0



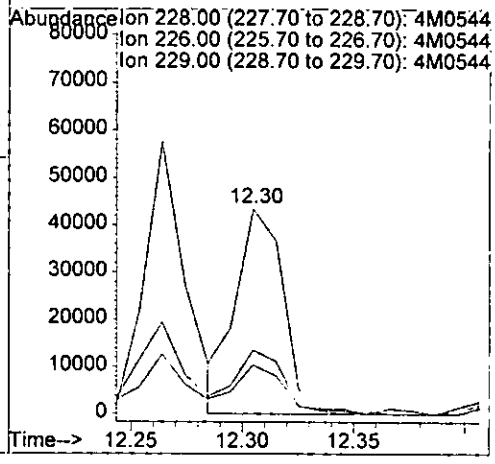
000207



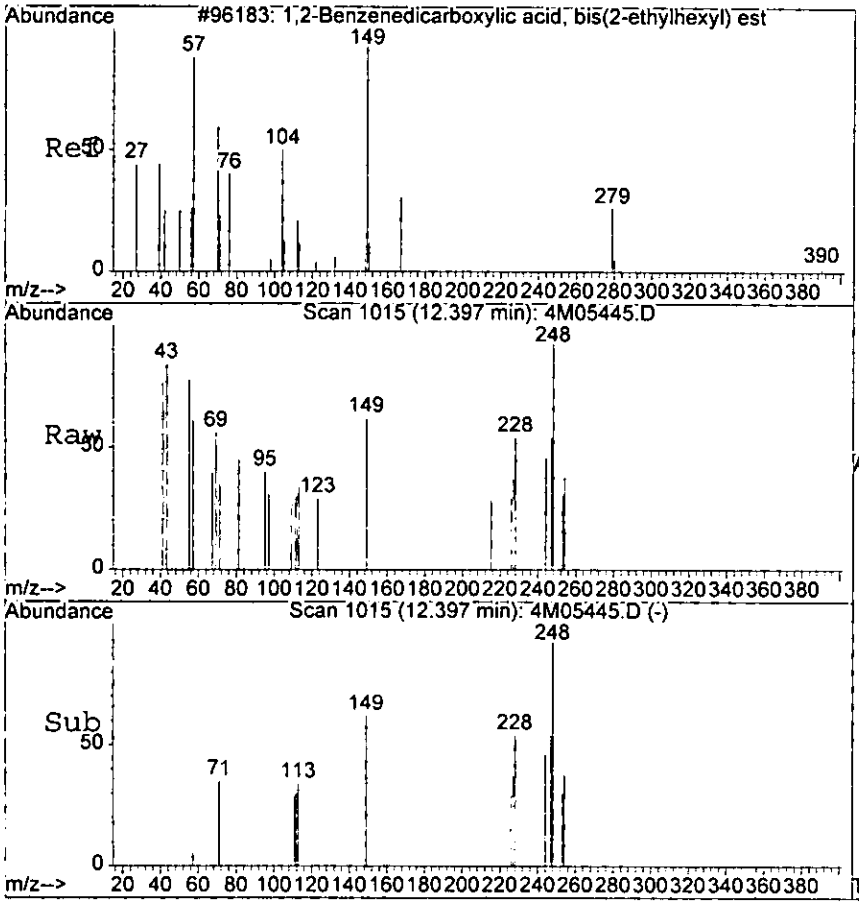
#79
Chrysene
Concen: 54.59 ng
RT: 12.30 min Scan# 1006
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:228 Resp: 64431

Ion	Ratio	Lower	Upper
228	100		
226	31.2	12.0	52.0
229	21.2	0.0	61.1



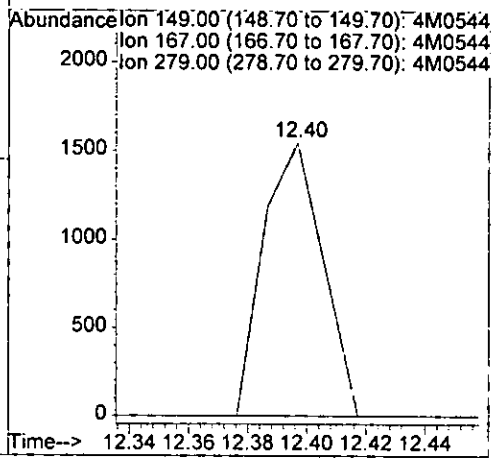
000708



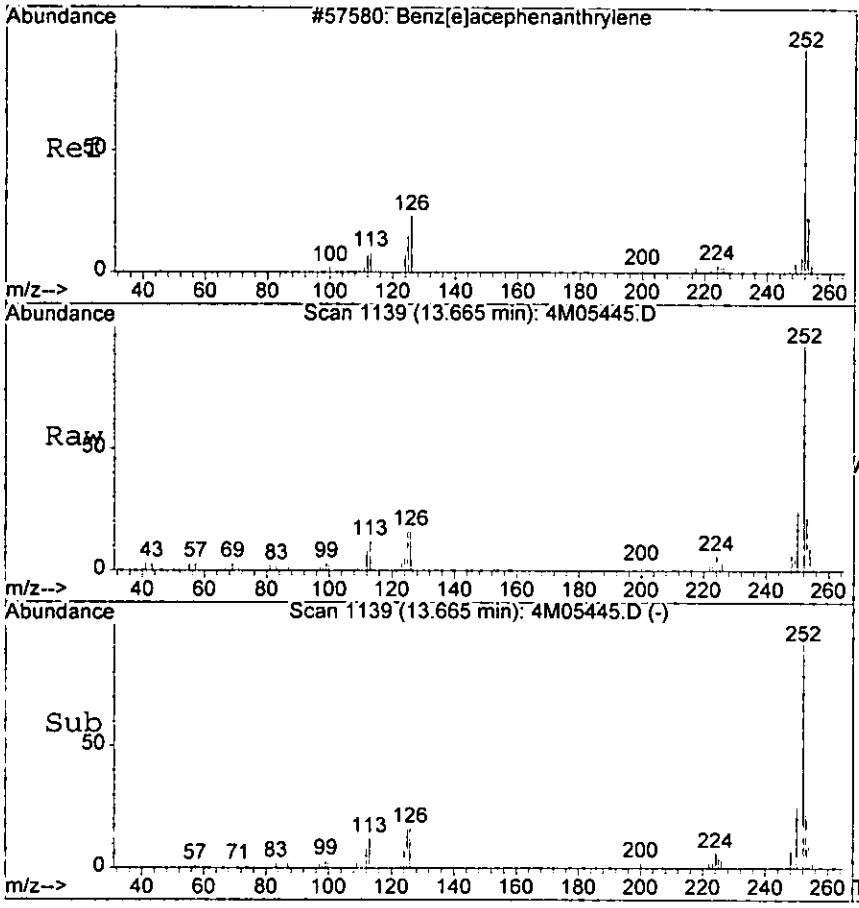
#80
bis(2-Ethylhexyl)phthalate
Concen: 2.09 ng
RT: 12.40 min Scan# 1015
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:149 Resp: 2147

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



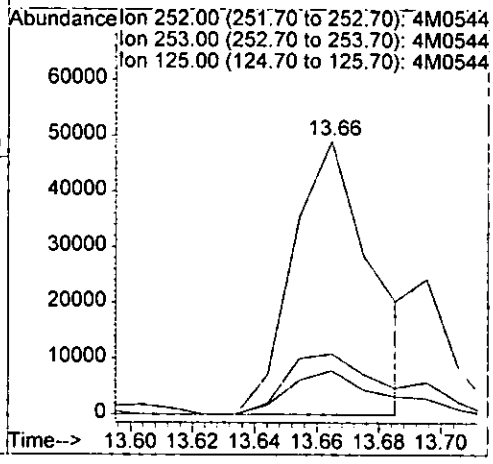
000709



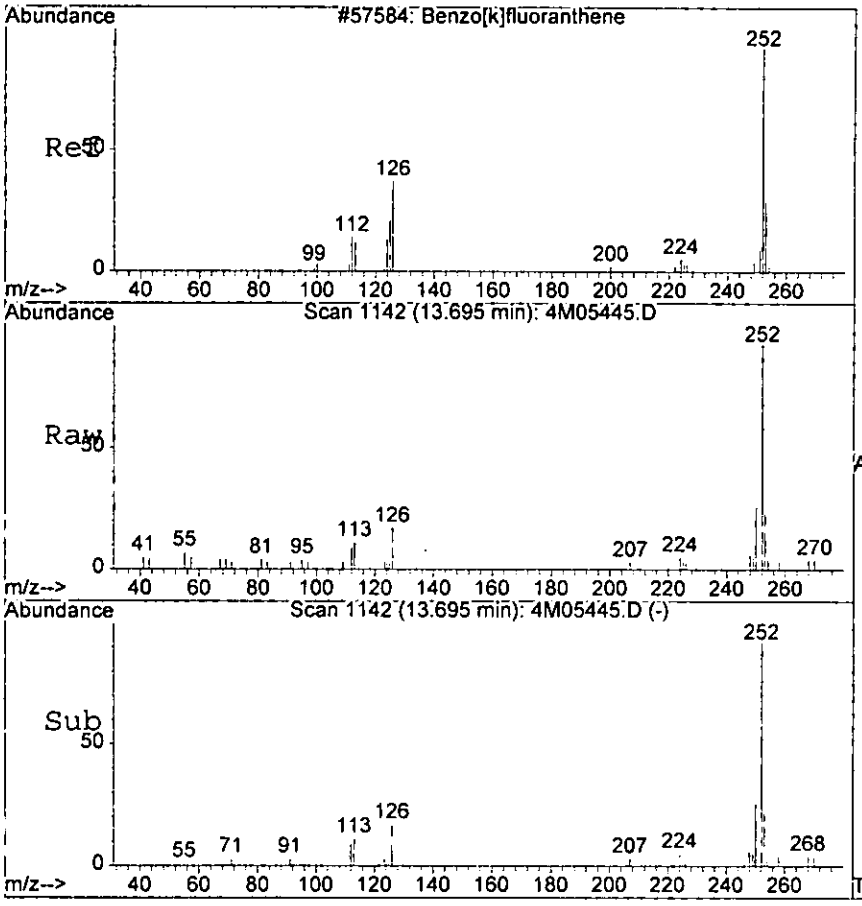
#83
Benzo[b]fluoranthene
Concen: 65.07 ng m
RT: 13.66 min Scan# 1139
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:252 Resp: 86273

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	63.3
125	16.0	0.0	57.6



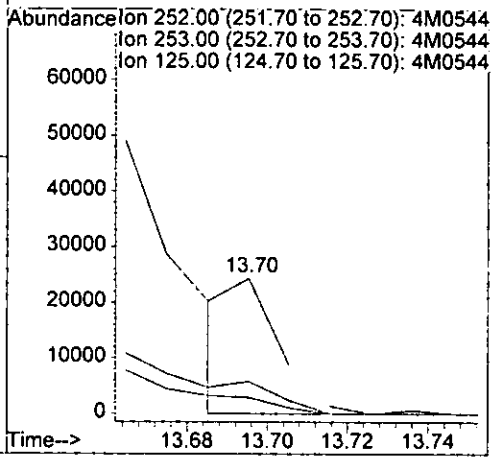
000710



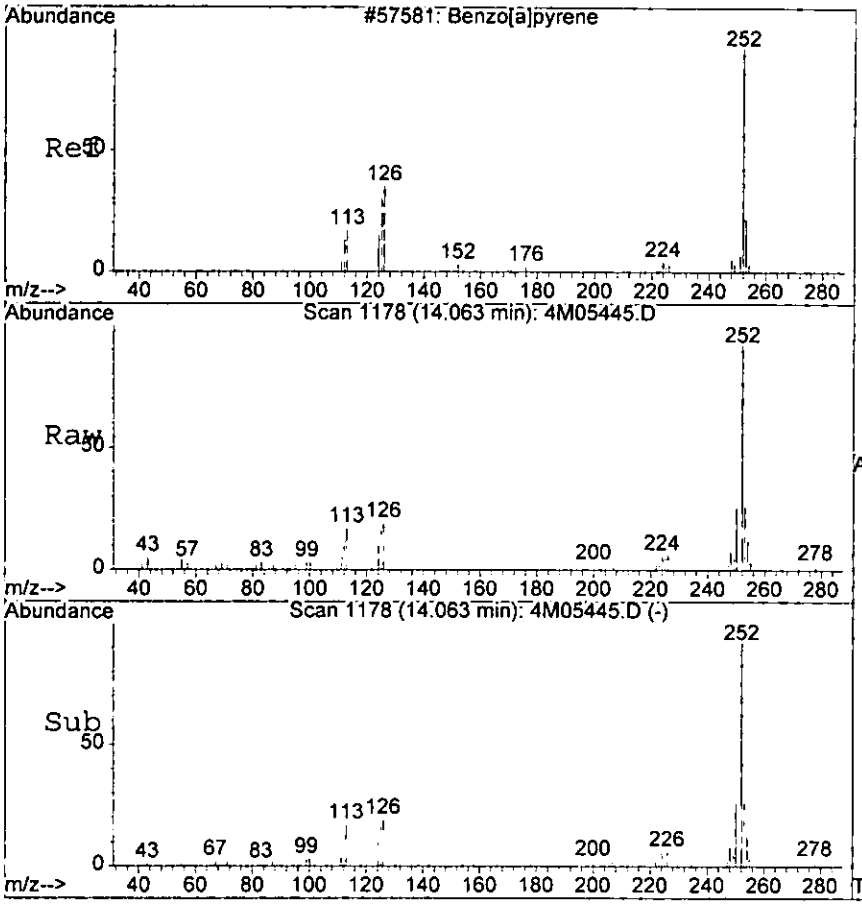
#84
Benzo[k]fluoranthene
Concen: 18.27 ng m
RT: 13.70 min Scan# 1142
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:252 Resp: 20974

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	63.5
125	12.0	0.0	53.8



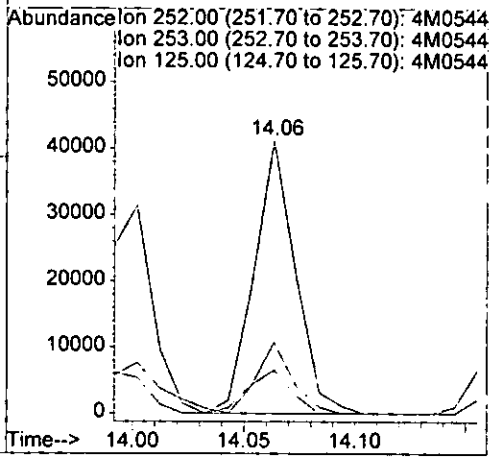
000711



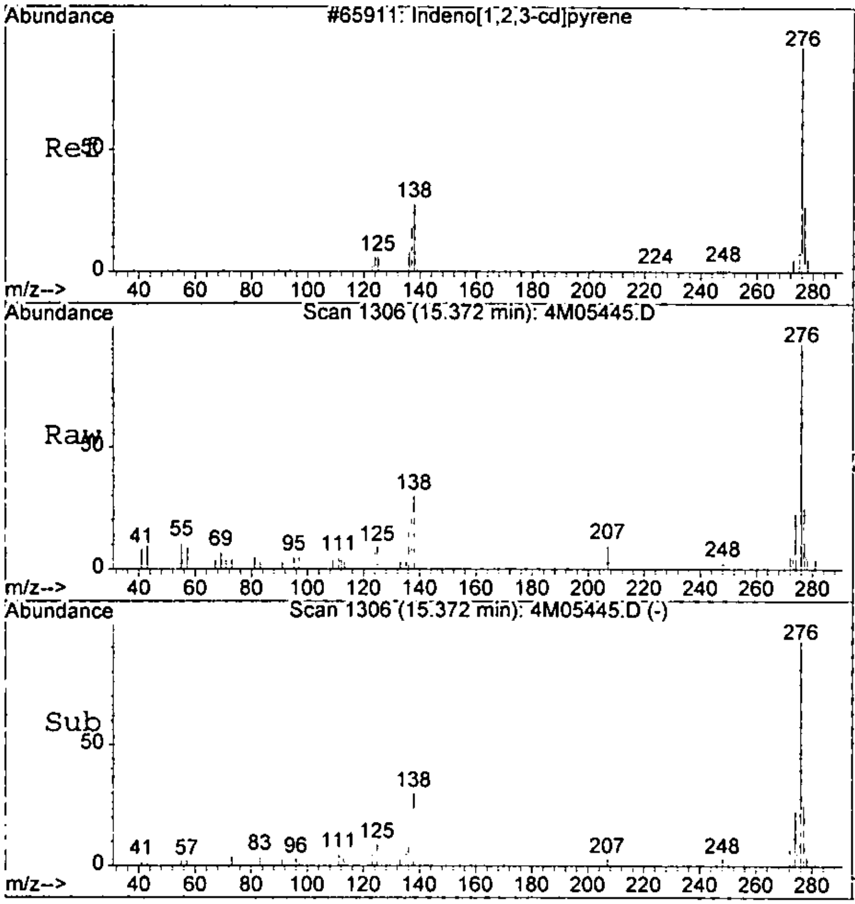
#85
Benzo[a]pyrene
Concen: 48.71 ng
RT: 14.06 min Scan# 1178
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:252 Resp: 53091

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	62.9
125	15.9	0.0	57.6



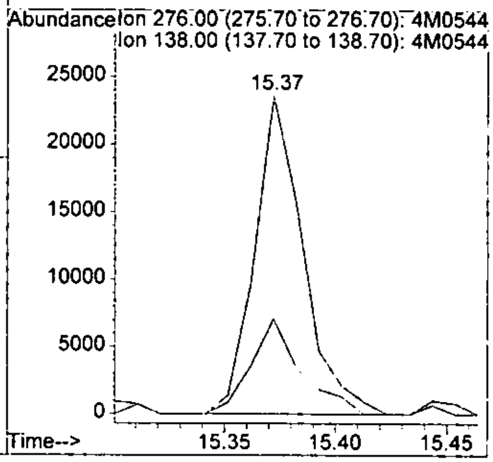
000712



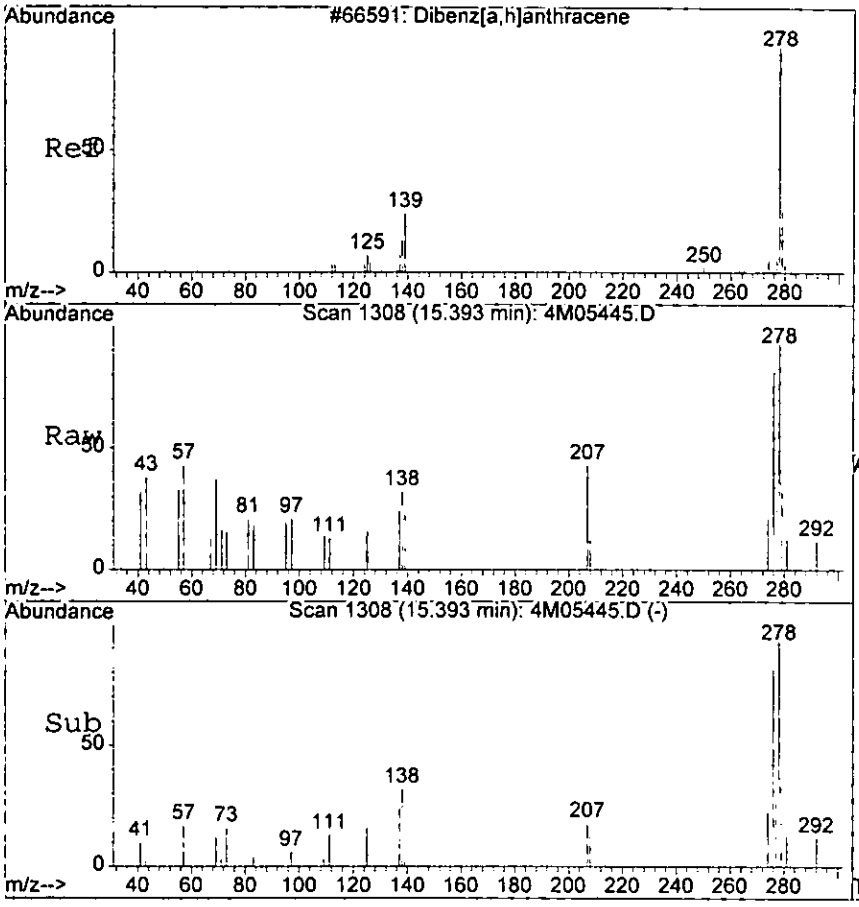
#86
Indeno[1,2,3-cd]pyrene
Concen: 36.05 ng
RT: 15.37 min Scan# 1306
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:276 Resp: 35644

Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	73.4



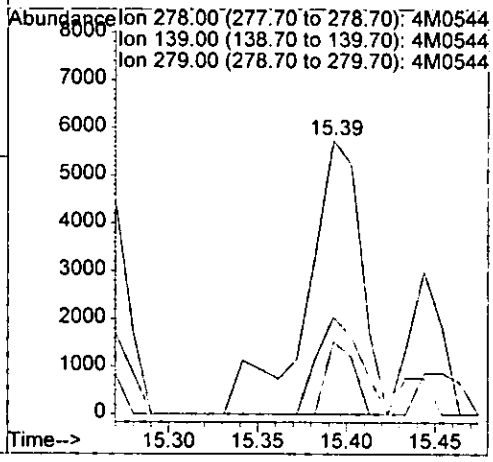
00713



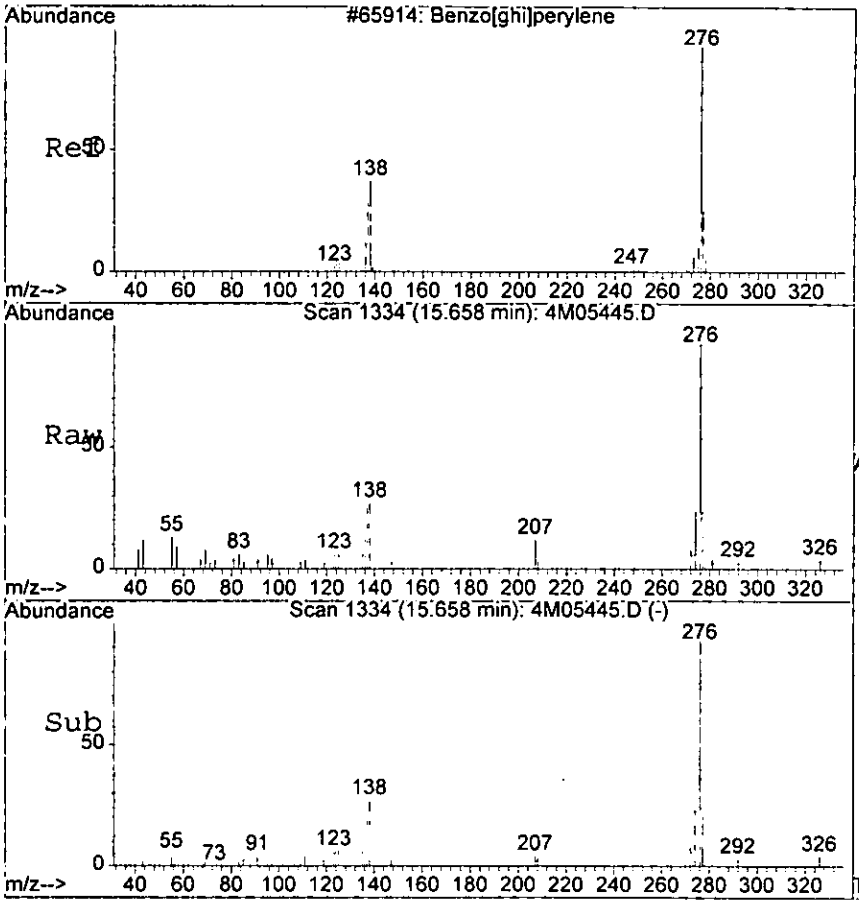
#87
Dibenzo[a,h]anthracene
Concen: 15.16 ng
RT: 15.39 min Scan# 1308
Delta R.T. -0.06 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:278 Resp: 12271

Ion	Ratio	Lower	Upper
278	100		
139	26.6	0.0	63.8
279	35.6	0.0	64.0



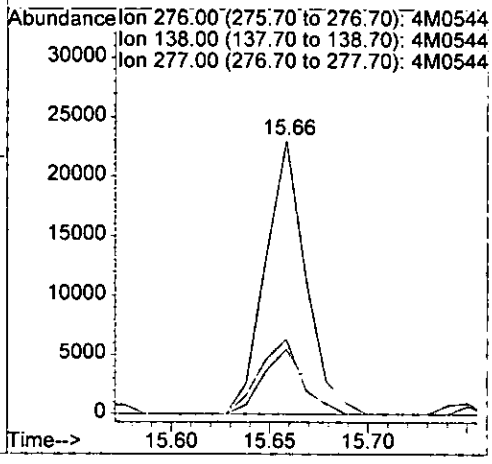
LSIW



#88
Benzo[g,h,i]perylene
Concen: 41.78 ng
RT: 15.66 min Scan# 1334
Delta R.T. -0.05 min
Lab File: 4M05445.D
Acq: 8 Aug 2005 14:35

Tgt Ion:276 Resp: 32971

Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	74.1
277	23.7	0.0	65.0



000715

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18778-020
Client Id: PCSB-36(4.0')
Data File: 5M09806.D
Analysis Date: 08/05/05 16:36
Date Rec/Extracted: 07/27/05-08/04/05

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	0.0070	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.011**	**0.54**
95-50-1	1,2-Dichlorobenzene	0.016	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0058**	**0.30**
122-66-7	1,2-Diphenylhydrazine	0.013	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.014**	**0.16**
541-73-1	1,3-Dichlorobenzene	0.011	U	111-91-1	bis(2-Chloroethoxy)methan	0.0094	U
106-46-7	1,4-Dichlorobenzene	0.0070	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	0.0083	U
88-06-2	2,4,6-Trichlorophenol	0.030	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.025**	**0.33**
120-83-2	2,4-Dichlorophenol	0.054	U	85-68-7	Butylbenzylphthalate	0.011	U
105-67-9	2,4-Dimethylphenol	0.034	U	**86-74-8**	**Carbazole**	**0.0077**	**0.052**
51-28-5	2,4-Dinitrophenol	0.074	U	**218-01-9**	**Chrysene**	**0.011**	**0.39**
121-14-2	2,4-Dinitrotoluene	0.014	U	84-74-2	Di-n-butylphthalate	0.0081	U
606-20-2	2,6-Dinitrotoluene	0.018	U	117-84-0	Di-n-octylphthalate	0.014	U
91-58-7	2-Chloronaphthalene	0.0046	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.0074**	**0.081**
95-57-8	2-Chlorophenol	0.074	U	**132-64-9**	**Dibenzofuran**	**0.052**	**0.060**
91-57-6	**2-Methylnaphthalene**	**0.069**	**0.11**	84-66-2	Diethylphthalate	0.0095	U
95-48-7	2-Methylphenol	0.15	U	131-11-3	Dimethylphthalate	0.0069	U
88-74-4	2-Nitroaniline	0.052	U	**206-44-0**	**Fluoranthene**	**0.0066**	**0.56**
88-75-5	2-Nitrophenol	0.049	U	**86-73-7**	**Fluorene**	**0.0096**	**0.049**
106-44-5	3&4-Methylphenol	0.15	U	118-74-1	Hexachlorobenzene	0.016	U
91-94-1	3,3'-Dichlorobenzidine	0.070	U	87-68-3	Hexachlorobutadiene	0.0099	U
99-09-2	3-Nitroaniline	0.10	U	77-47-4	Hexachlorocyclopentadiene	0.11	U
534-52-1	4,6-Dinitro-2-methylphenol	0.076	U	67-72-1	Hexachloroethane	0.014	U
101-55-3	4-Bromophenyl-phenylether	0.016	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0068**	**0.25**
59-50-7	4-Chloro-3-methylphenol	0.081	U	78-59-1	Isophorone	0.21	U
106-47-8	4-Chloroaniline	0.27	U	621-64-7	N-Nitroso-di-n-propylamine	0.013	U
7005-72-3	4-Chlorophenyl-phenylether	0.011	U	62-75-9	N-Nitrosodimethylamine	0.45	U
100-01-6	4-Nitroaniline	0.060	U	86-30-6	n-Nitrosodiphenylamine	0.011	U
100-02-7	4-Nitrophenol	0.057	U	**91-20-3**	**Naphthalene**	**0.0039**	**0.12**
83-32-9	Acenaphthene	0.0066	U	98-95-3	Nitrobenzene	0.011	U
208-96-8	**Acenaphthylene**	**0.0061**	**0.087**	87-86-5	Pentachlorophenol	0.039	U
120-12-7	**Anthracene**	**0.0079**	**0.11**	**85-01-8**	**Phenanthrene**	**0.0089**	**0.46**
92-87-5	Benzidine	0.42	U	108-95-2	Phenol	0.066	U
56-55-3	**Benzo[a]anthracene**	**0.0056**	**0.32**	**129-00-0**	**Pyrene**	**0.0092**	**0.51**
50-32-8	**Benzo[a]pyrene**	**0.0067**	**0.33**				

Worksheet #: 18054

Total Target Concentration 4.819

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\08-05-05\5M09806.D Vial: 28
Acq On : 5 Aug 2005 16:36 Operator: AHD
Sample : AC18778-020 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:29 2005 Quant Results File: 5M_0722.RES

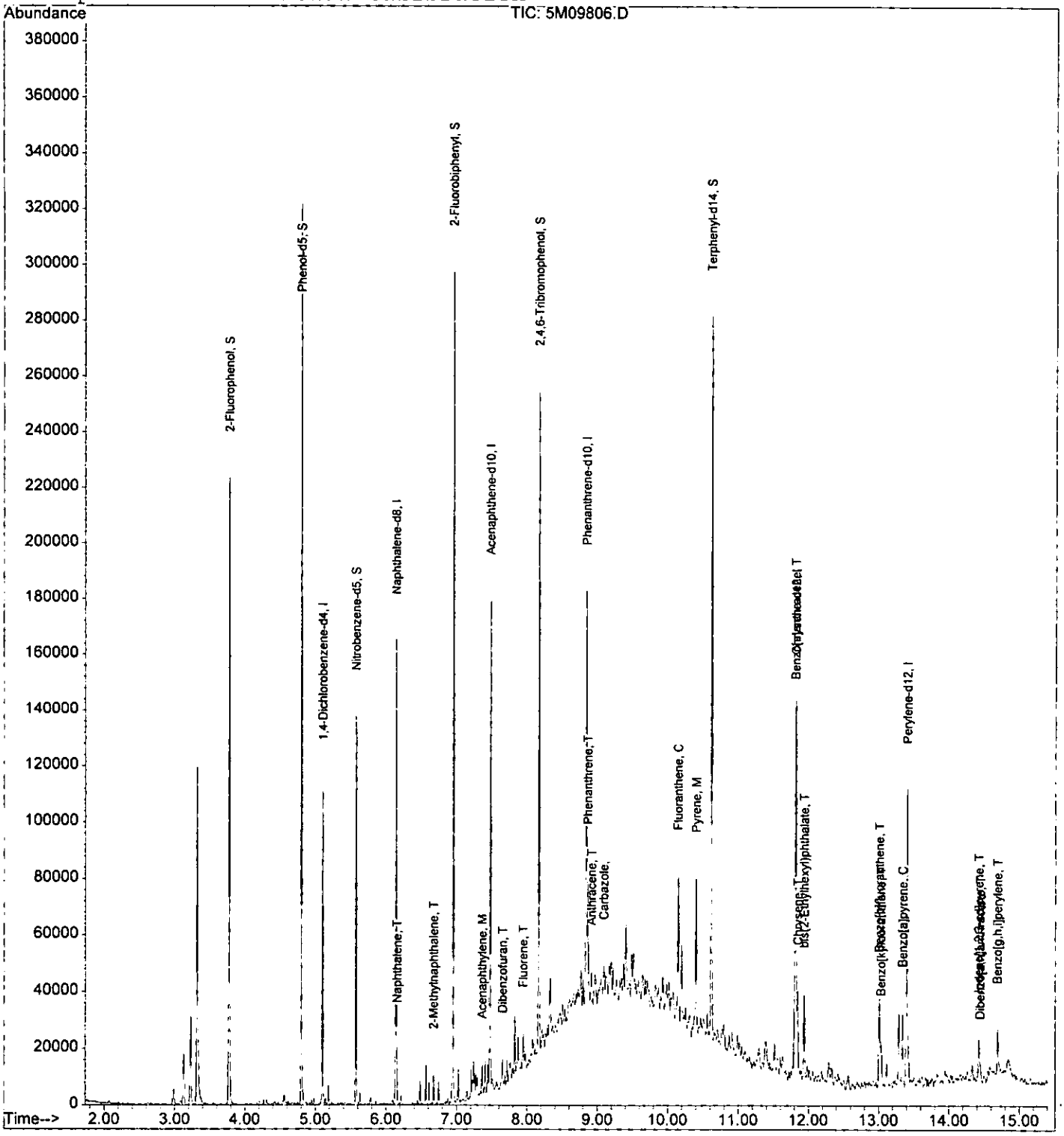
Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:19:45 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

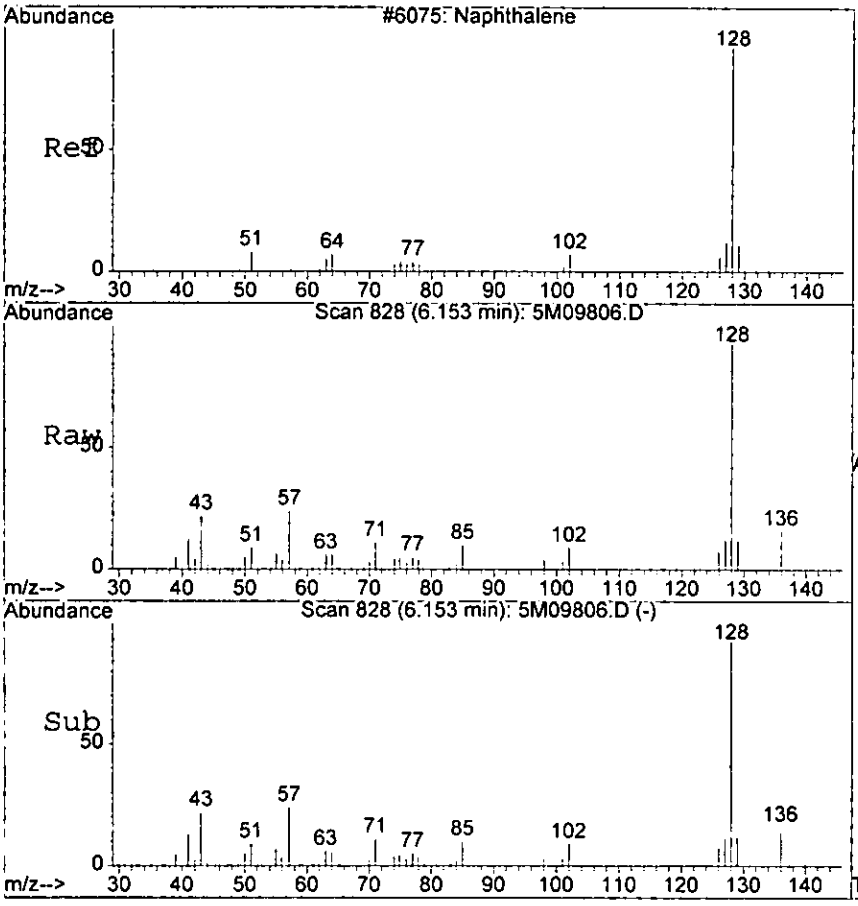
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.10	152	13407	40.00	ng	-0.15
20) Naphthalene-d8	6.14	136	51244	40.00	ng	-0.14
36) Acenaphthene-d10	7.47	164	30149	40.00	ng	-0.16
61) Phenanthrene-d10	8.84	188	48594	40.00	ng	-0.19
77) Chrysene-d12	11.82	240	41331	40.00	ng	-0.22
88) Perylene-d12	13.40	264	31133	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	61356	135.88	ng	-0.19
Spiked Amount 200.000			Recovery = 67.94%			
8) Phenol-d5	4.80	99	86509	131.02	ng	-0.15
Spiked Amount 200.000			Recovery = 65.51%			
21) Nitrobenzene-d5	5.58	128	16351	72.88	ng	-0.14
Spiked Amount 100.000			Recovery = 72.88%			
41) 2-Fluorobiphenyl	6.95	172	68428	72.61	ng	-0.14
Spiked Amount 100.000			Recovery = 72.61%			
64) 2,4,6-Tribromophenol	8.16	330	17553	168.78	ng	-0.18
Spiked Amount 200.000			Recovery = 84.39%			
80) Terphenyl-d14	10.61	244	76261	78.10	ng	-0.20
Spiked Amount 100.000			Recovery = 78.10%			
Target Compounds						Qvalue
30) Naphthalene	6.15	128	3967	2.95	ng	98
34) 2-Methylnaphthalene	6.67	142	2497	2.69	ng	100
47) Acenaphthylene	7.36	152	2925	2.17	ng	87
53) Dibenzofuran	7.64	168	1810	1.49	ng	85
57) Fluorene	7.94	166	1198	1.23	ng	91
70) Phenanthrene	8.86	178	15879	11.33	ng	99
71) Anthracene	8.92	178	3929	2.76	ng	99
72) Carbazole	9.09	167	1683	1.29	ng	88
76) Fluoranthene	10.14	202	21432	14.03	ng	93
78) Pyrene	10.40	202	21042	12.71	ng	99
85) Benzo[a]anthracene	11.81	228	12135	7.99	ng	97
86) Chrysene	11.85	228	13630	9.78	ng	100
87) bis(2-Ethylhexyl)phthalate	11.94	149	8361	8.31	ng	97
90) Benzo[b]fluoranthene	13.01	252	16445	13.38	ng	98
91) Benzo[k]fluoranthene	13.03	252	5040m	4.05	ng	
92) Benzo[a]pyrene	13.34	252	9640	8.33	ng	93
93) Indeno[1,2,3-cd]pyrene	14.42	276	7652	6.11	ng	100
94) Dibenzo[a,h]anthracene	14.44	278	2096m	2.02	ng	
95) Benzo[g,h,i]perylene	14.69	276	7812m	7.45	ng	

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

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09806.D Vial: 28
Acq On : 5 Aug 2005 16:36 Operator: AHD
Sample : AC18778-020 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:29 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

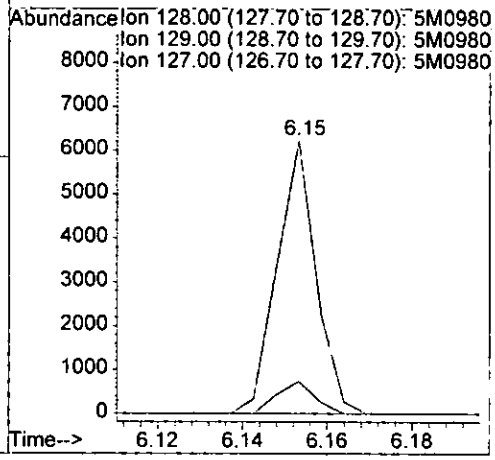




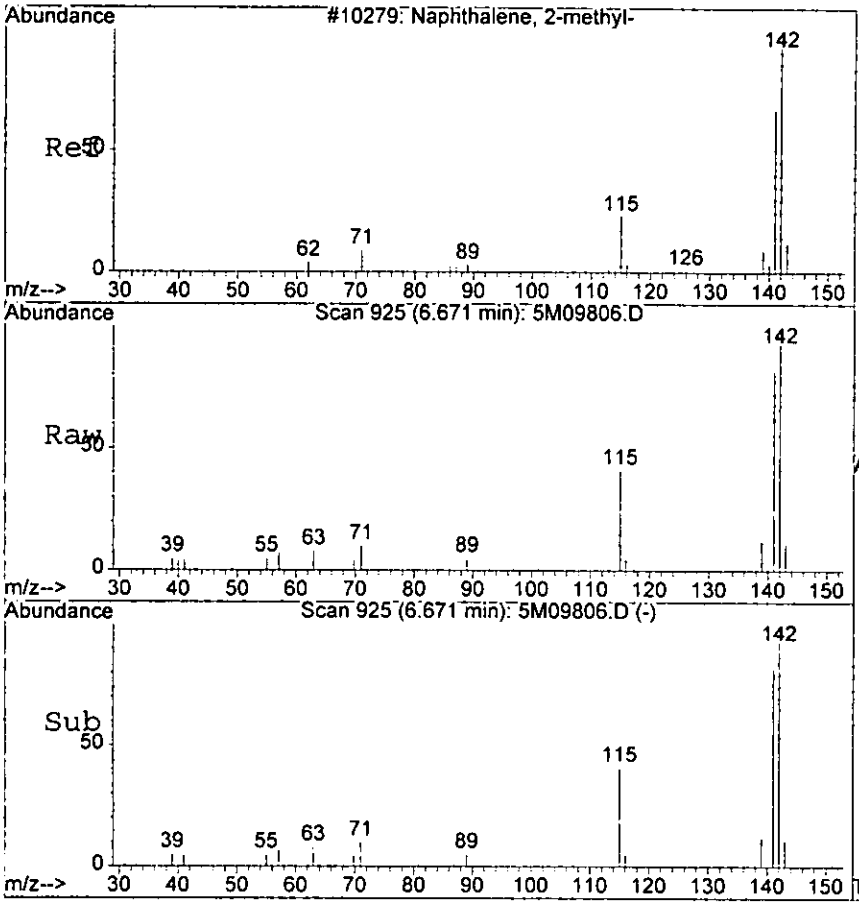
#30
Naphthalene
Concen: 2.95 ng
RT: 6.15 min Scan# 828
Delta R.T. -0.15 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:128 Resp: 3967

Ion	Ratio	Lower	Upper
128	100		
129	11.8	0.0	50.9
127	11.7	0.0	52.6



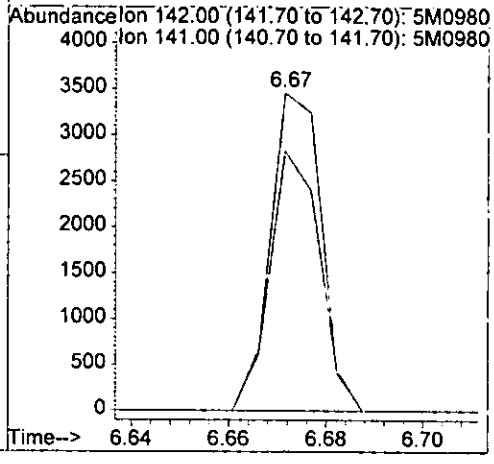
000718



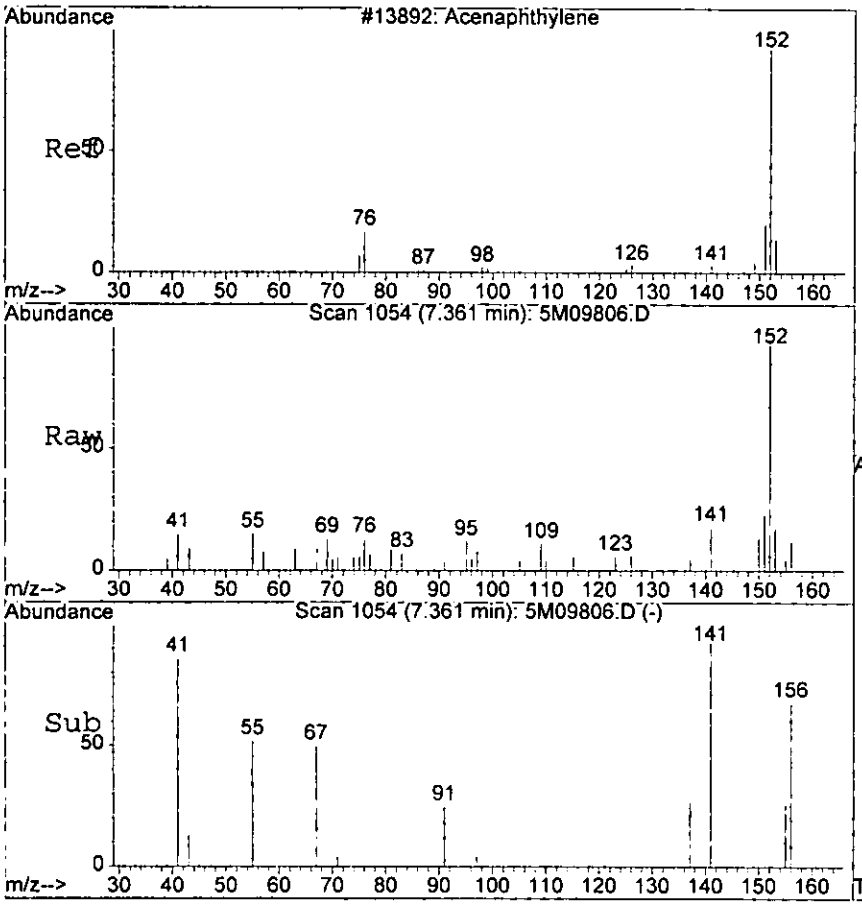
#34
2-Methylnaphthalene
Concen: 2.69 ng
RT: 6.67 min Scan# 925
Delta R.T. -0.14 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:142 Resp: 2497

Ion	Ratio	Lower	Upper
142	100		
141	81.9	42.0	122.0



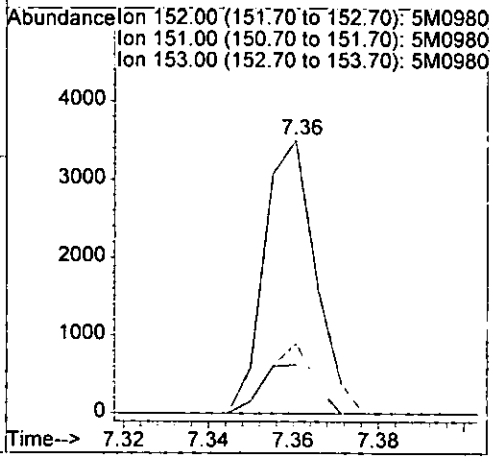
0002219

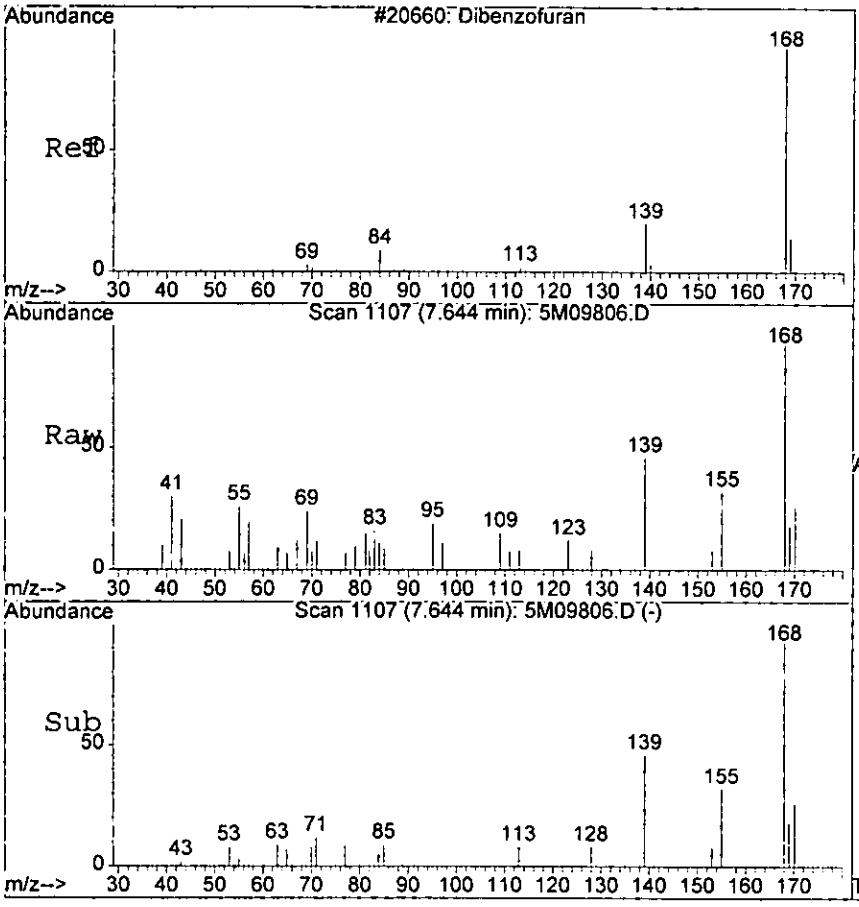


#47
Acenaphthylene
Concen: 2.17 ng
RT: 7.36 min Scan# 1054
Delta R.T. -0.16 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:152 Resp: 2925

Ion	Ratio	Lower	Upper
152	100		
151	25.9	0.0	59.1
153	17.8	0.0	53.9

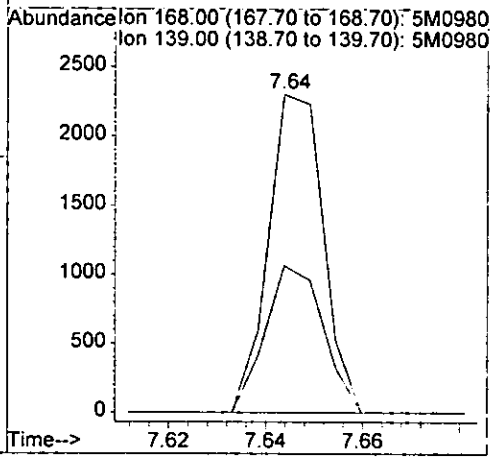




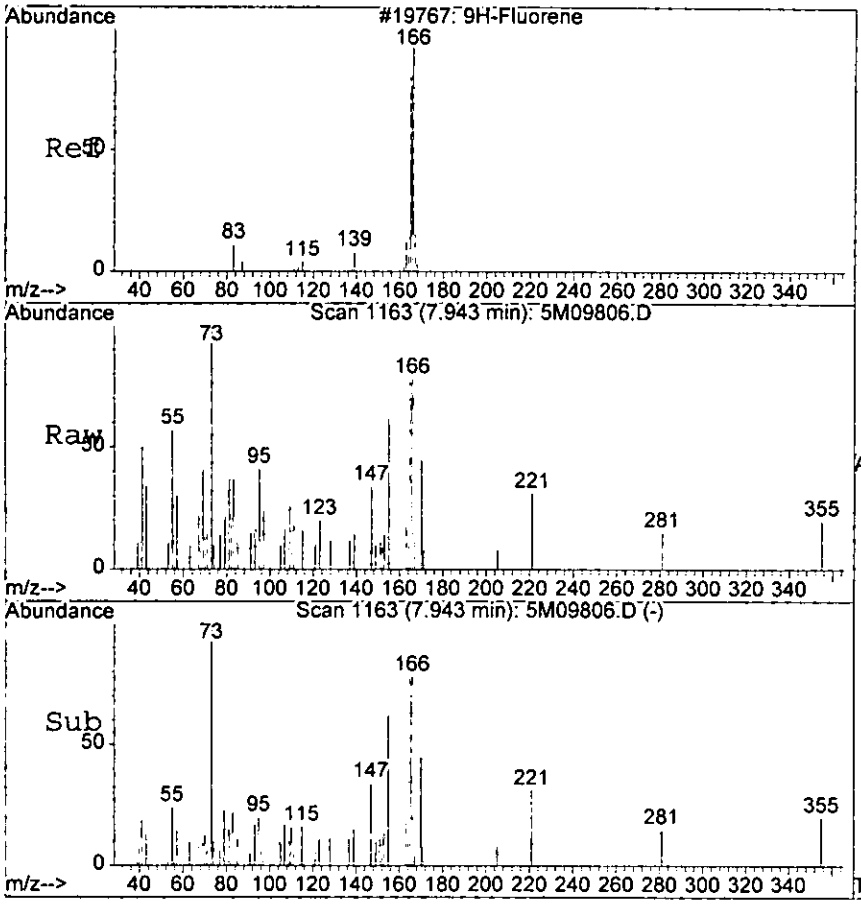
#53
Dibenzofuran
Concen: 1.49 ng
RT: 7.64 min Scan# 1107
Delta R.T. -0.17 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:168 Resp: 1810

Ion	Ratio	Lower	Upper
168	100		
139	46.3	7.1	67.1



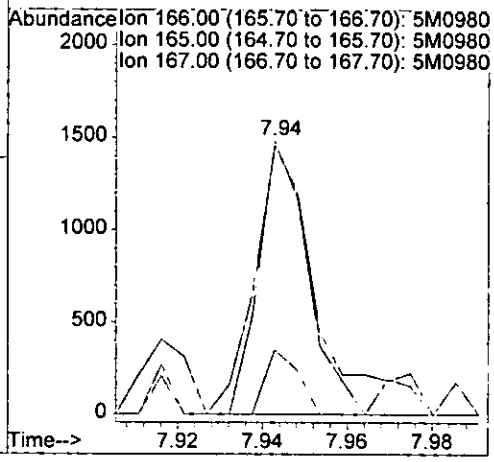
LSIW



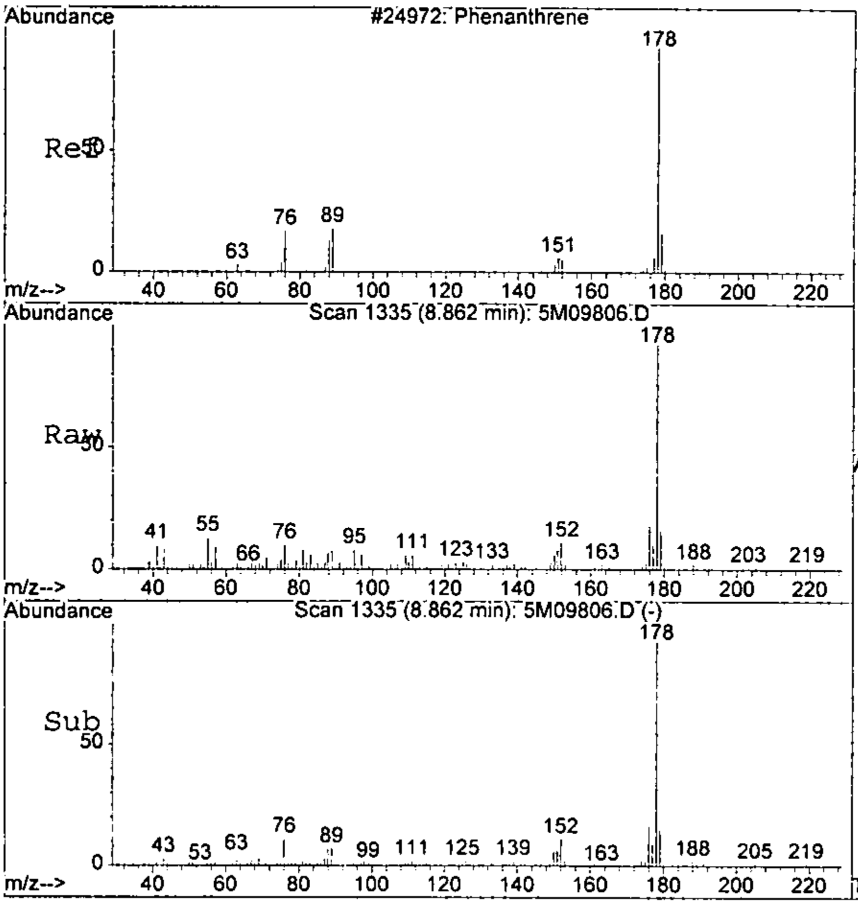
#57
Fluorene
Concen: 1.23 ng
RT: 7.94 min Scan# 1163
Delta R.T. -0.18 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:166 Resp: 1198

Ion	Ratio	Lower	Upper
166	100		
165	98.2	52.1	132.1
167	23.6	0.0	53.7



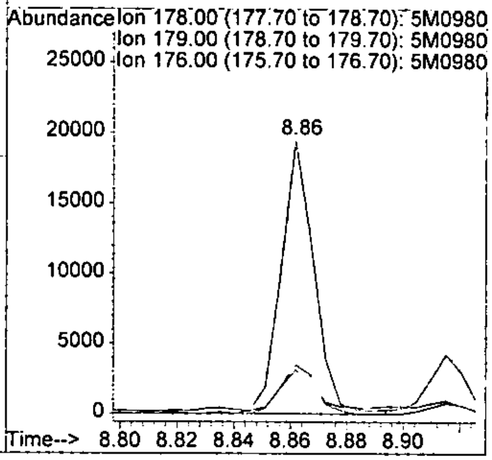
22170



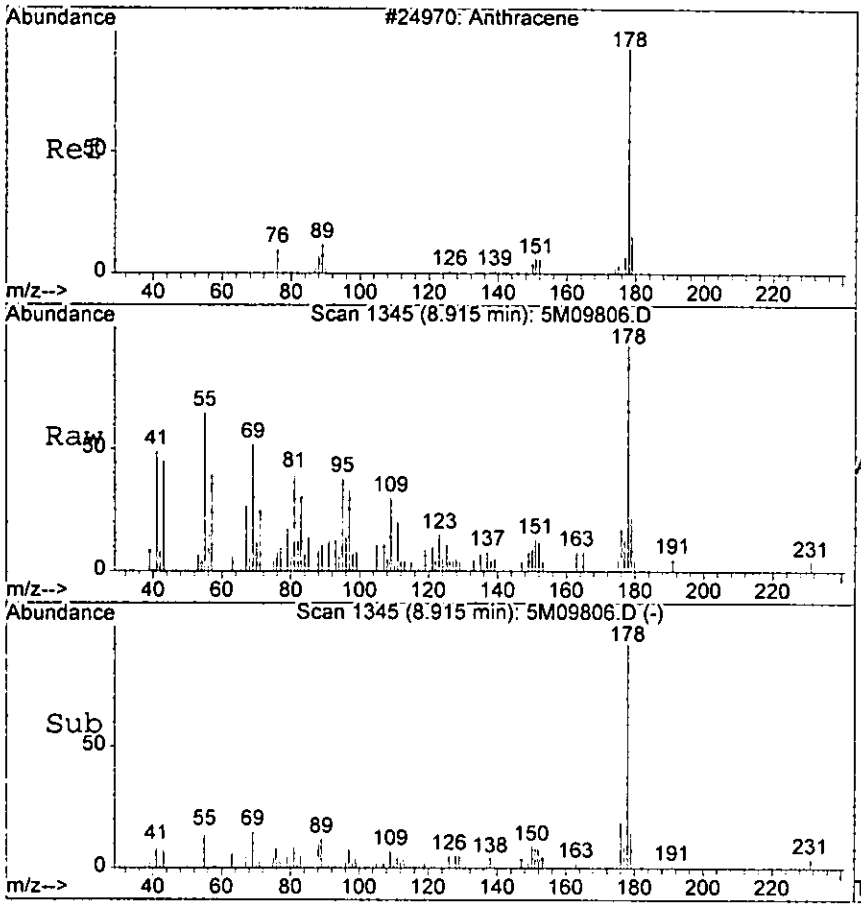
#70
Phenanthrene
Concen: 11.33 ng
RT: 8.86 min Scan# 1335
Delta R.T. -0.19 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:178 Resp: 15879

Ion	Ratio	Lower	Upper
178	100		
179	14.6	0.0	54.9
176	17.9	0.0	57.7

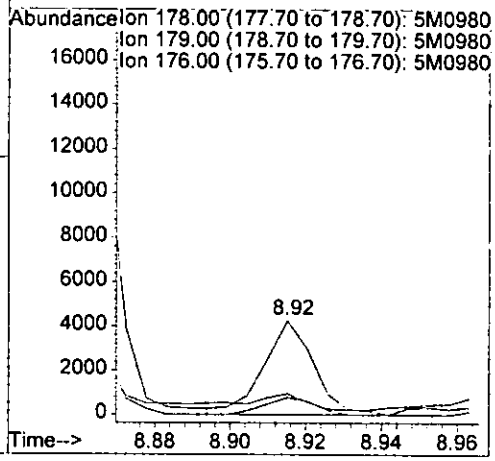


0007723

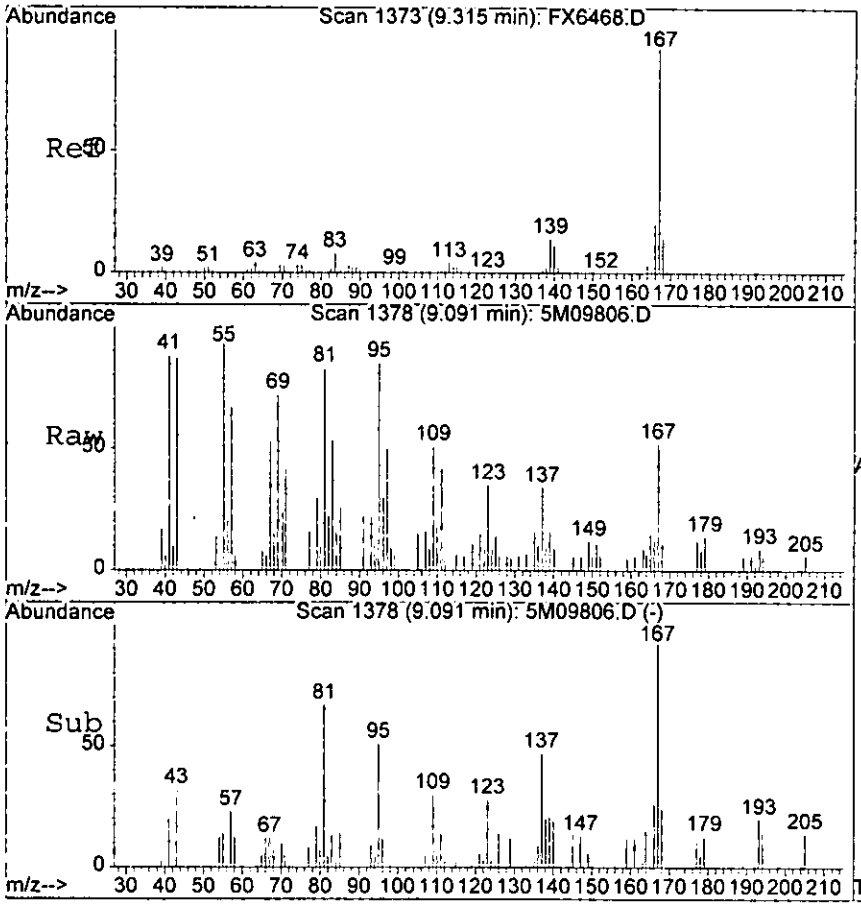


#71
Anthracene
Concen: 2.76 ng
RT: 8.92 min Scan# 1345
Delta R.T. -0.19 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:178	Resp:	3929	
Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	54.3
176	18.4	0.0	57.7



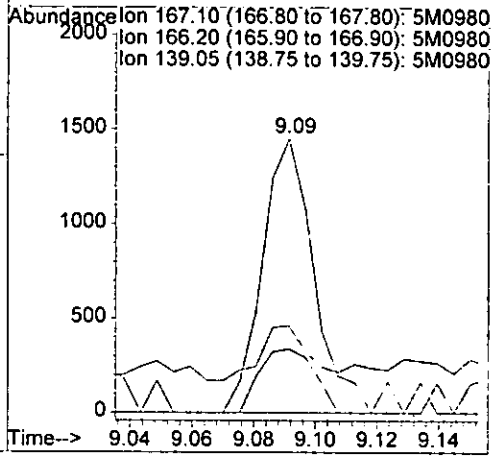
000124



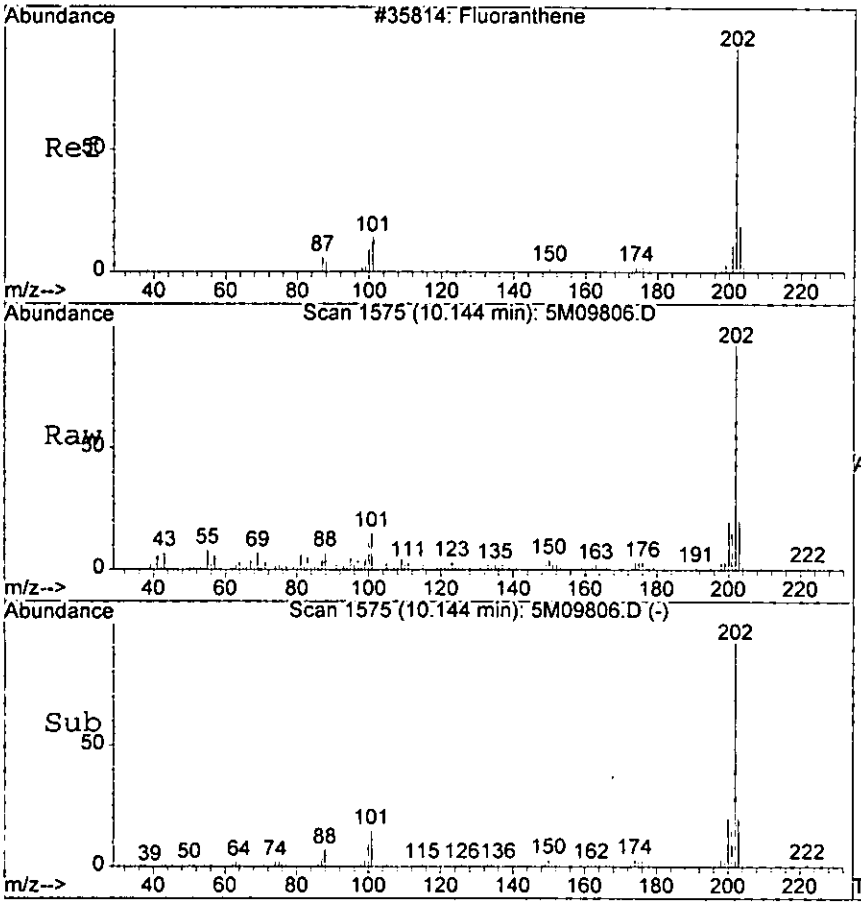
#72
Carbazole
Concen: 1.29 ng
RT: 9.09 min Scan# 1378
Delta R.T. -0.19 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:167 Resp: 1683

Ion	Ratio	Lower	Upper
167	100		
166	23.3	0.0	39.5
139	20.1	0.0	33.0



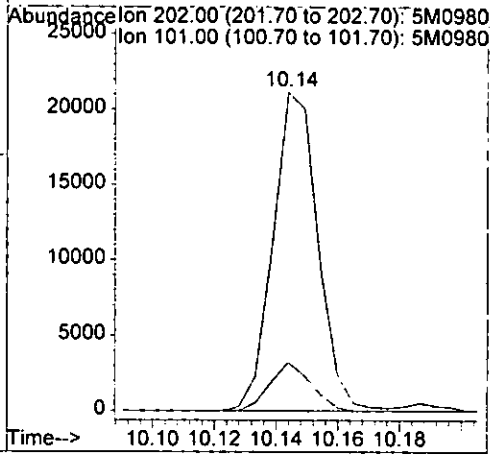
L810

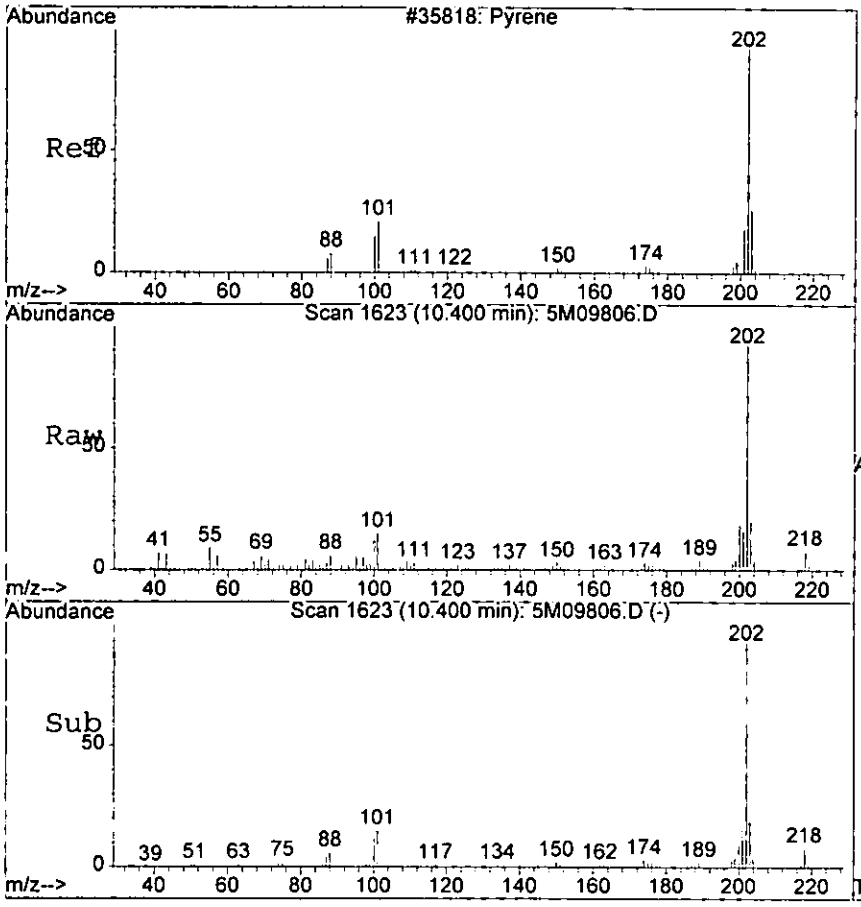


#76
Fluoranthene
Concen: 14.03 ng
RT: 10.14 min Scan# 1575
Delta R.T. -0.21 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:202 Resp: 21432

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	52.5

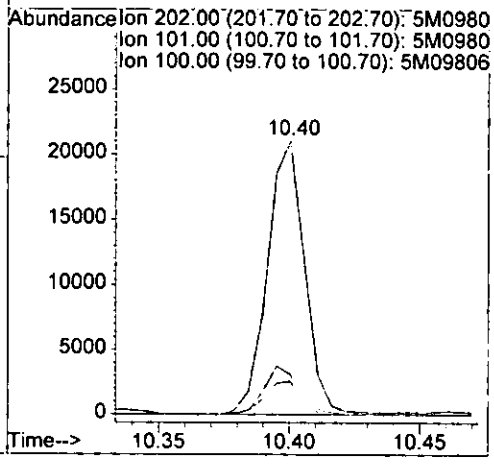




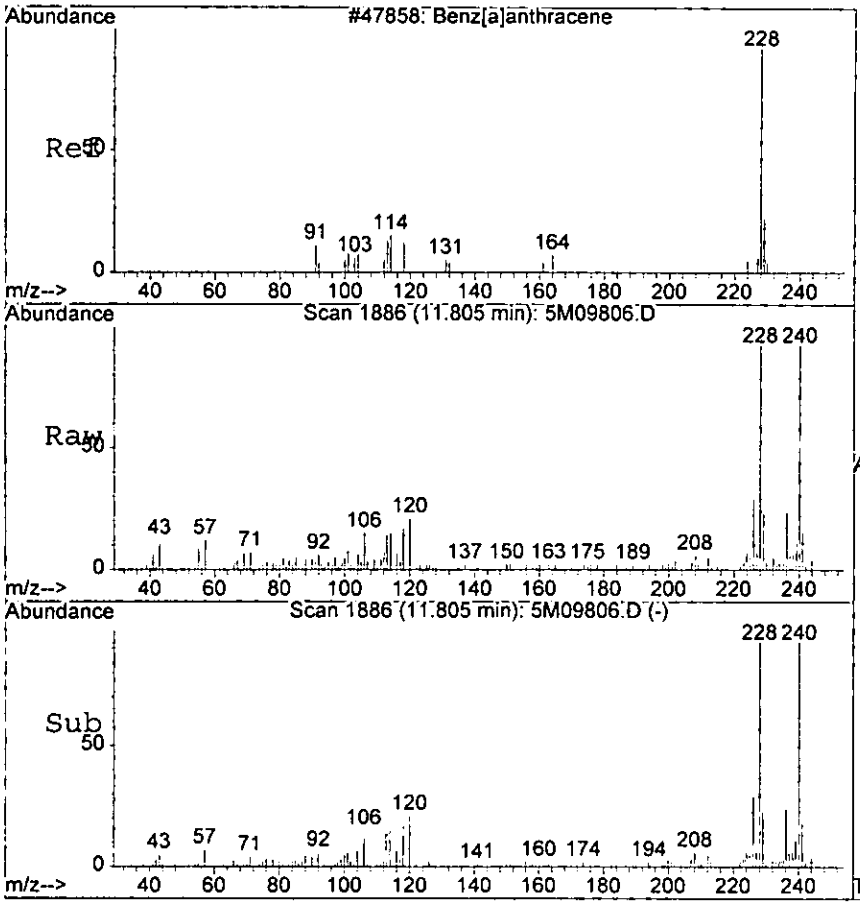
#78
Pyrene
Concen: 12.71 ng
RT: 10.40 min Scan# 1623
Delta R.T. -0.21 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:202 Resp: 21042

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	55.5
100	12.2	0.0	52.1

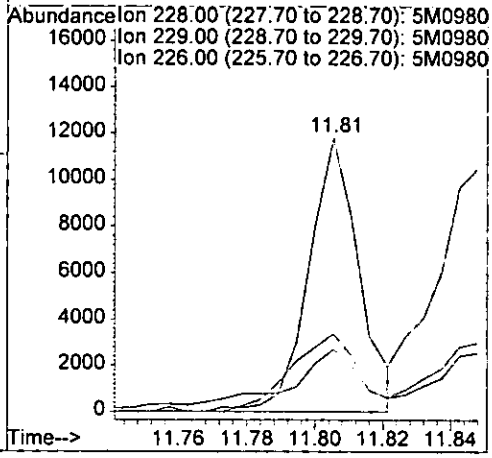


000727

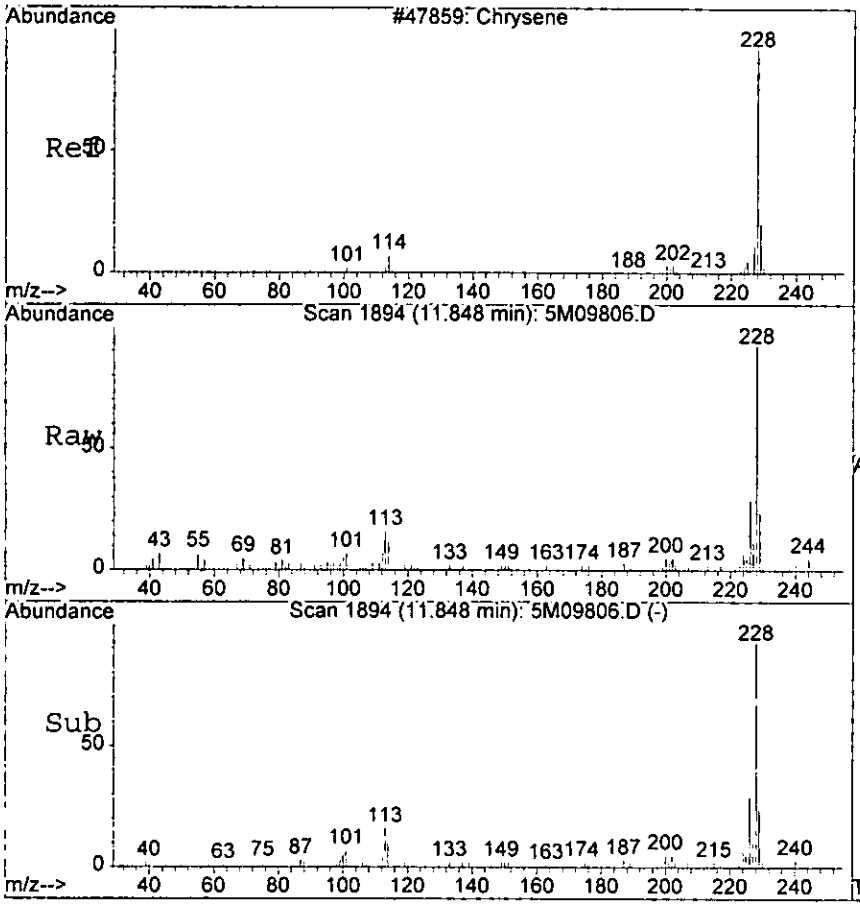


#85
Benzo[a]anthracene
Concen: 7.99 ng
RT: 11.81 min Scan# 1886
Delta R.T. -0.21 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:228	Resp:	12135	
Ion	Ratio	Lower	Upper
228	100		
229	19.4	0.0	58.7
226	28.6	0.0	66.4



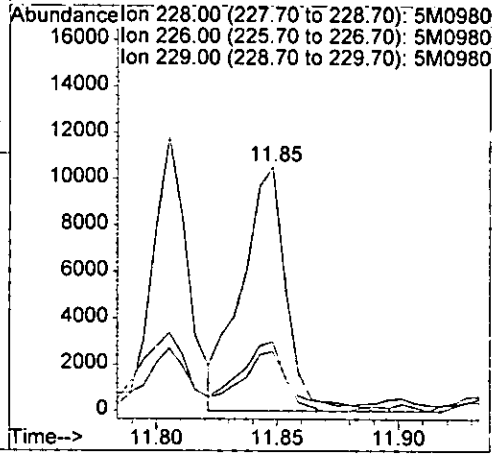
000728



#86
Chrysene
Concen: 9.78 ng
RT: 11.85 min Scan# 1894
Delta R.T. -0.22 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:228 Resp: 13630

Ion	Ratio	Lower	Upper
228	100		
226	28.9	9.1	49.1
229	19.9	0.0	60.1



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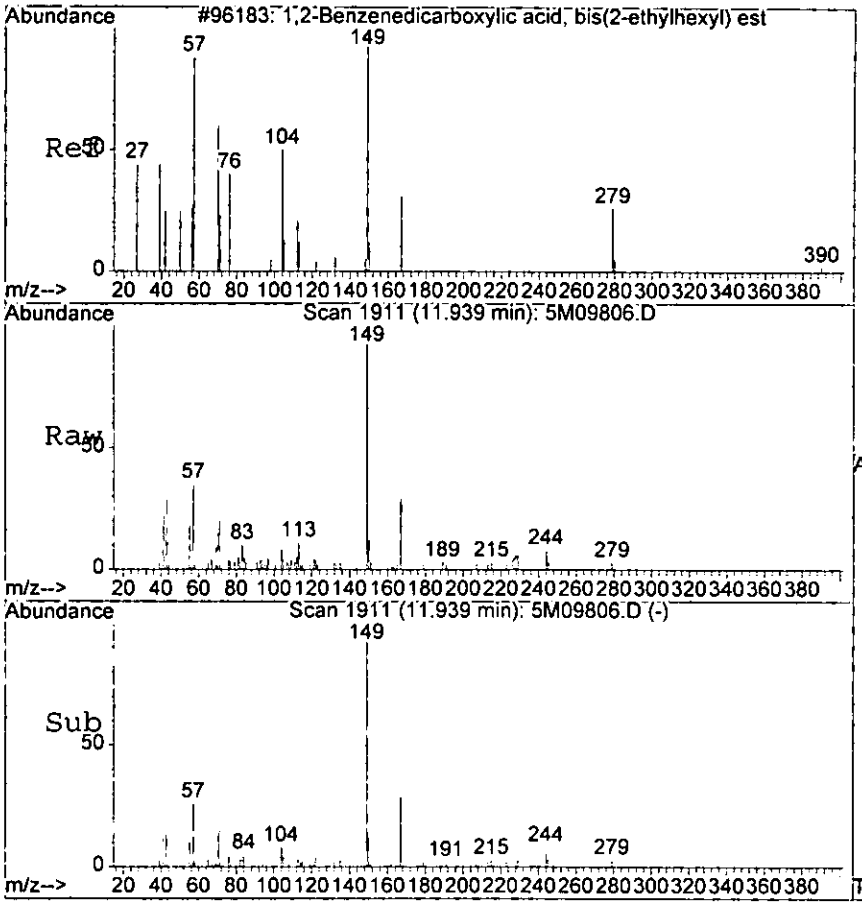
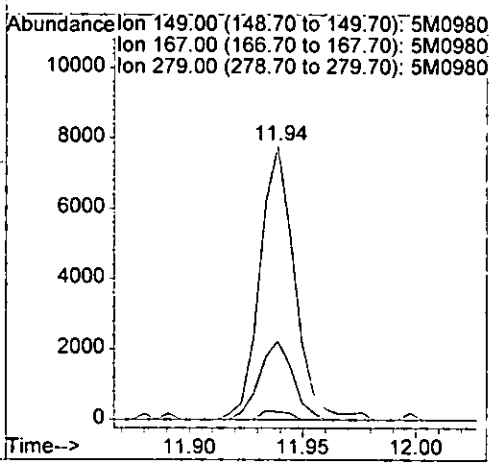


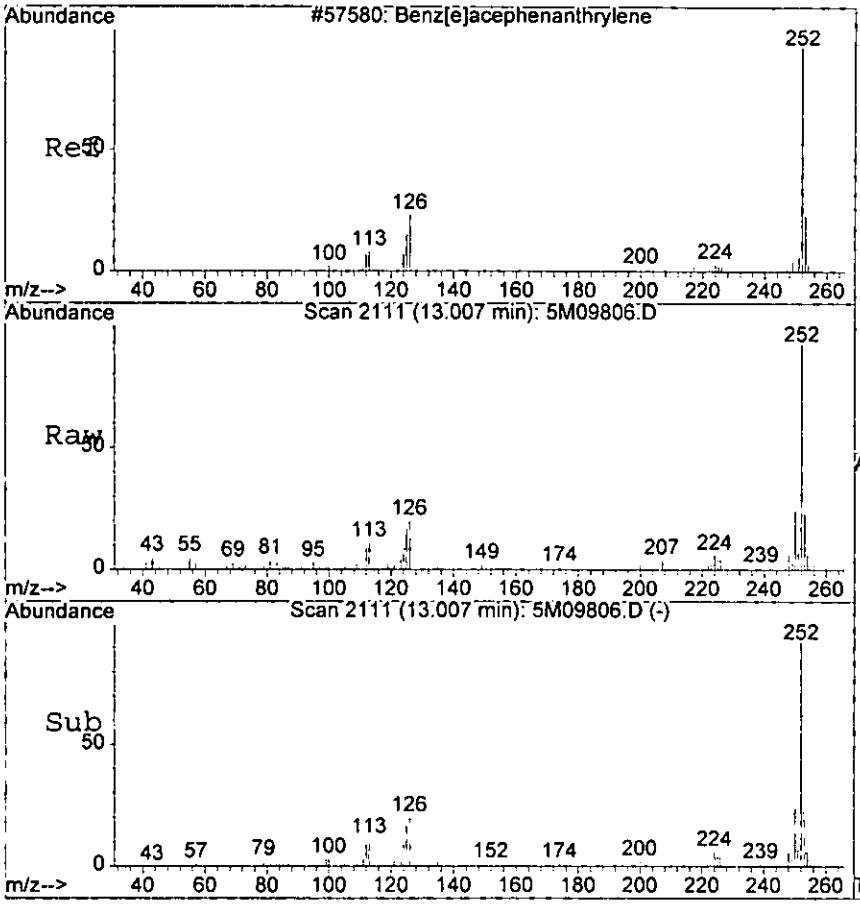
#87
bis(2-Ethylhexyl)phthalate
Concen: 8.31 ng
RT: 11.94 min Scan# 1911
Delta R.T. -0.19 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:149 Resp: 8361

Ion	Ratio	Lower	Upper
149	100		
167	28.7	2.4	58.4
279	2.9	0.0	44.1



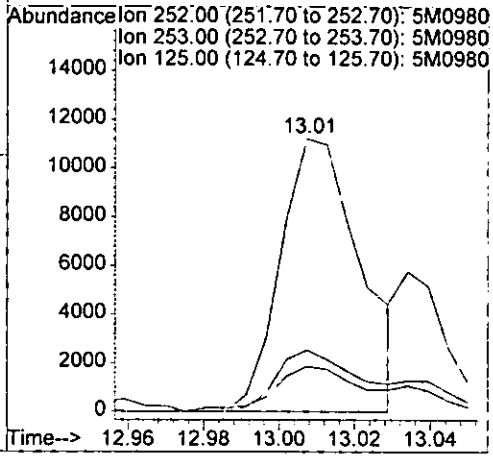
000730



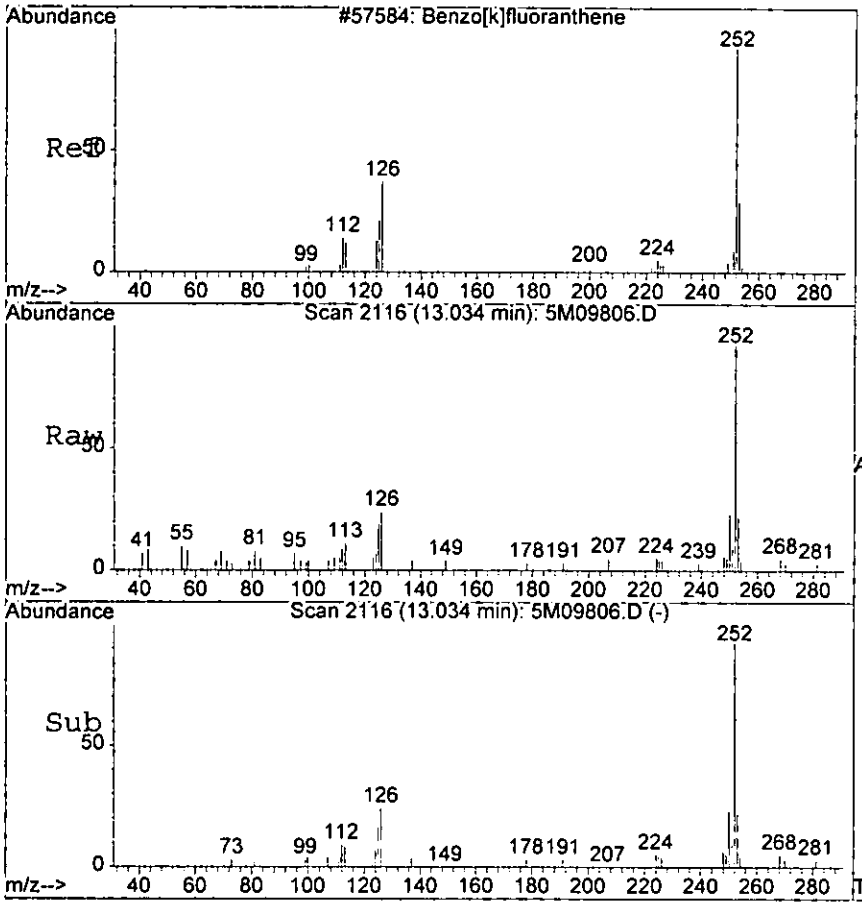
#90
Benzo[b]fluoranthene
Concen: 13.38 ng
RT: 13.01 min Scan# 2111
Delta R.T. -0.22 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:252 Resp: 16445

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	61.6
125	15.3	0.0	54.8

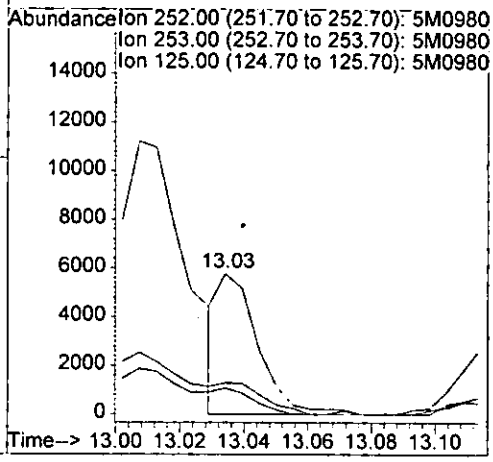


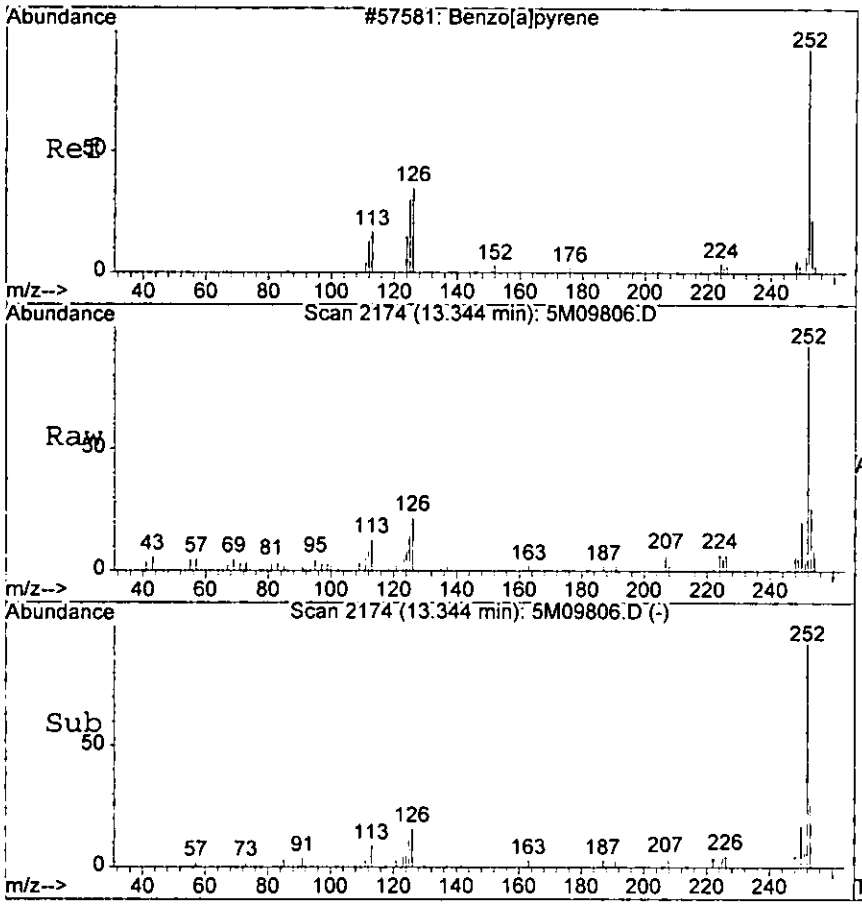
000231



#91
Benzo[k]fluoranthene
Concen: 4.05 ng m
RT: 13.03 min Scan# 2116
Delta R.T. -0.23 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

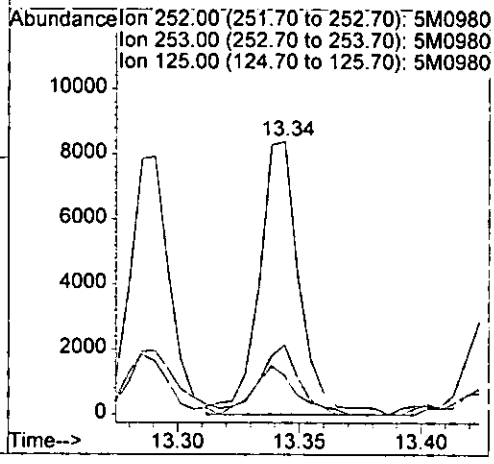
Tgt Ion:252	Resp:	5040	
Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	62.3
125	18.7	0.0	56.6

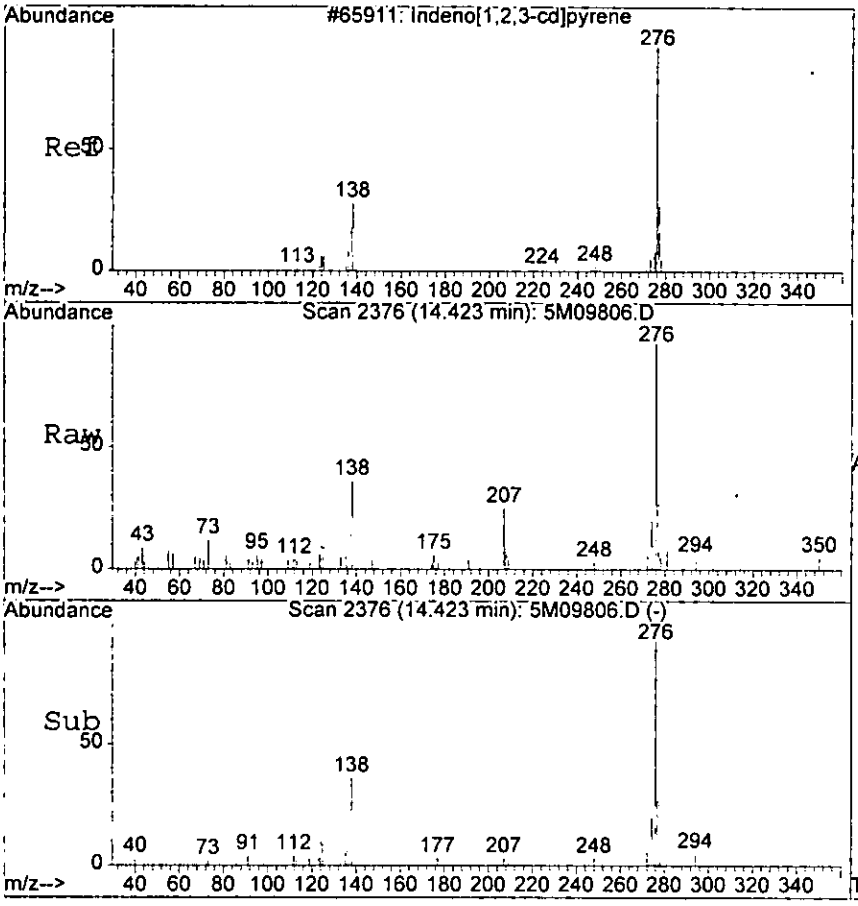




#92
Benzo[a]pyrene
Concen: 8.33 ng
RT: 13.34 min Scan# 2174
Delta R.T. -0.22 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

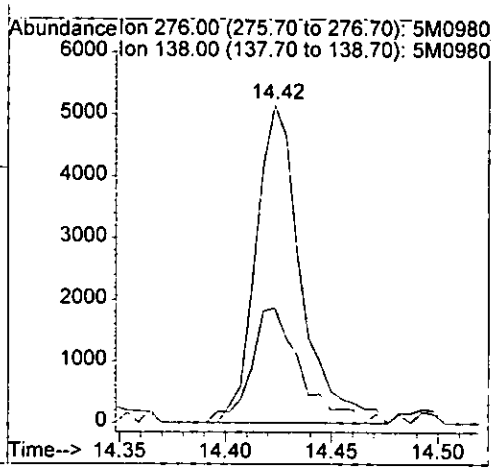
Tgt Ion:252	Resp:	9640	
Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	61.5
125	14.3	0.0	56.0

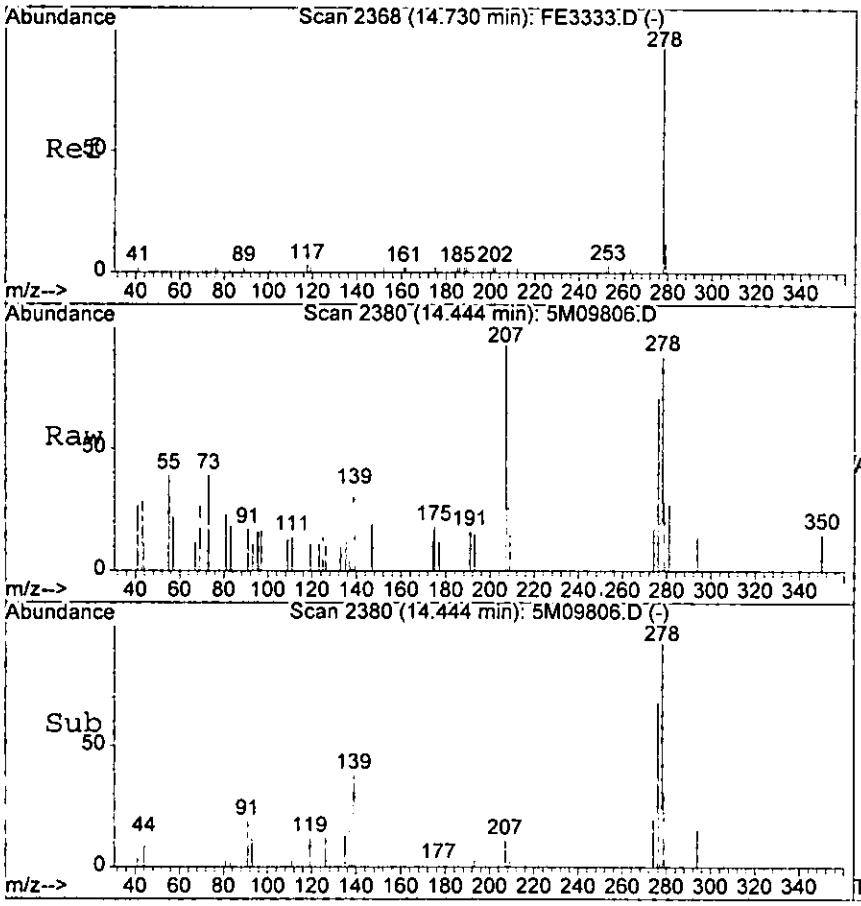




#93
Indeno[1,2,3-cd]pyrene
Concen: 6.11 ng
RT: 14.42 min Scan# 2376
Delta R.T. -0.27 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:276	Resp:	7652	
Ion	Ratio	Lower	Upper
276	100		
138	36.3	0.0	76.1

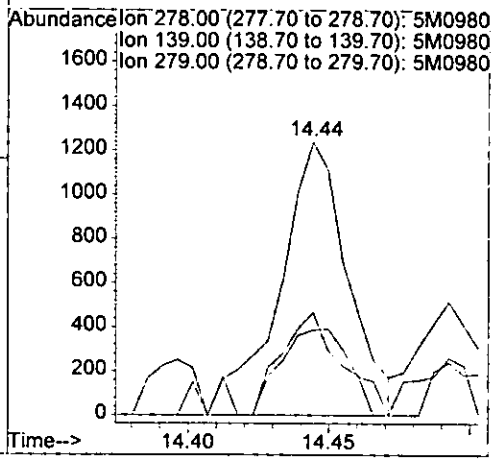




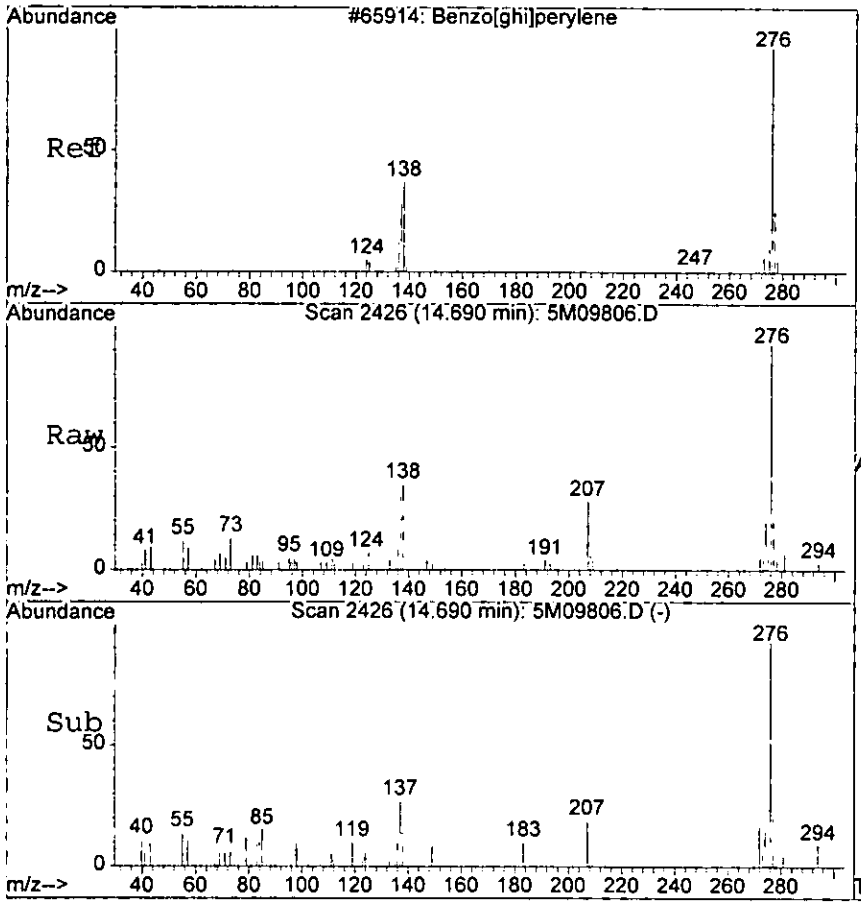
#94
Dibenzo[a,h]anthracene
Concen: 2.02 ng m
RT: 14.44 min Scan# 2380
Delta R.T. -0.28 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:278 Resp: 2096

Ion	Ratio	Lower	Upper
278	100		
139	37.6	0.0	66.7
279	31.3	0.0	62.7

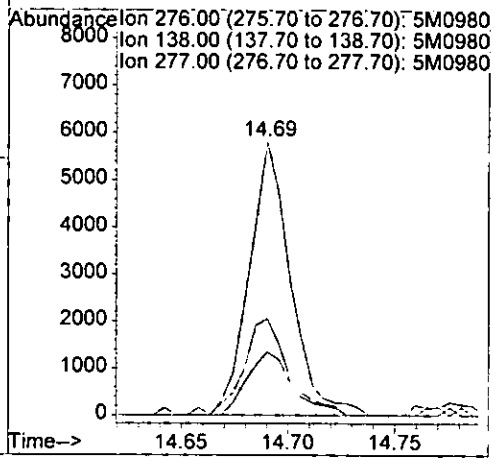


000735



#95
Benzo[g,h,i]perylene
Concen: 7.45 ng m
RT: 14.69 min Scan# 2426
Delta R.T. -0.30 min
Lab File: 5M09806.D
Acq: 5 Aug 2005 16:36

Tgt Ion:276	Resp:	7812	
Ion	Ratio	Lower	Upper
276	100		
138	35.4	0.0	78.3
277	23.2	0.0	64.0



Form1

ORGANICS SEMIVOLATILE REPORT

0000737

Sample Number: AC18778-021
Client Id: PCSB-36(16')
Data File: 4M05440.D
Analysis Date: 08/08/05 12:35
Date Rec/Extracted: 07/27/05-08/07/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 69

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	0.014	U
95-50-1	1,2-Dichlorobenzene	0.022	U	191-24-2	Benzo[g,h,i]perylene	0.0092	U
122-66-7	1,2-Diphenylhydrazine	0.014	U	207-08-9	Benzo[k]fluoranthene	0.016	U
541-73-1	1,3-Dichlorobenzene	0.020	U	111-91-1	bis(2-Chloroethoxy)methan	0.011	U
106-46-7	1,4-Dichlorobenzene	0.025	U	111-44-4	bis(2-Chloroethyl)ether	0.026	U
95-95-4	2,4,5-Trichlorophenol	0.65	U	108-60-1	bis(2-chloroisopropyl)ether	0.016	U
88-06-2	2,4,6-Trichlorophenol	1.2	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.044**	**0.17**
120-83-2	2,4-Dichlorophenol	0.078	U	85-68-7	Butylbenzylphthalate	0.019	U
105-67-9	2,4-Dimethylphenol	0.067	U	86-74-8	Carbazole	0.014	U
51-28-5	2,4-Dinitrophenol	0.33	U	218-01-9	Chrysene	0.010	U
121-14-2	2,4-Dinitrotoluene	0.018	U	**84-74-2**	**Di-n-butylphthalate**	**0.011**	**0.082**
606-20-2	2,6-Dinitrotoluene	0.020	U	117-84-0	Di-n-octylphthalate	0.011	U
91-58-7	2-Chloronaphthalene	0.013	U	53-70-3	Dibenzo[a,h]anthracene	0.017	U
95-57-8	2-Chlorophenol	0.099	U	132-64-9	Dibenzofuran	0.061	U
91-57-6	2-Methylnaphthalene	0.062	U	84-66-2	Diethylphthalate	0.013	U
95-48-7	2-Methylphenol	0.23	U	131-11-3	Dimethylphthalate	0.011	U
88-74-4	2-Nitroaniline	0.034	U	206-44-0	Fluoranthene	0.014	U
88-75-5	2-Nitrophenol	0.056	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.26	U	118-74-1	Hexachlorobenzene	0.022	U
91-94-1	3,3'-Dichlorobenzidine	0.11	U	87-68-3	Hexachlorobutadiene	0.020	U
99-09-2	3-Nitroaniline	0.20	U	77-47-4	Hexachlorocyclopentadiene	0.13	U
534-52-1	4,6-Dinitro-2-methylphenol	0.092	U	67-72-1	Hexachloroethane	0.036	U
101-55-3	4-Bromophenyl-phenylether	0.019	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0067	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	78-59-1	Isophorone	0.015	U
106-47-8	4-Chloroaniline	0.37	U	621-64-7	N-Nitroso-di-n-propylamine	0.023	U
7005-72-3	4-Chlorophenyl-phenylether	0.022	U	62-75-9	N-Nitrosodimethylamine	0.57	U
100-01-6	4-Nitroaniline	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.023	U
100-02-7	4-Nitrophenol	0.086	U	91-20-3	Naphthalene	0.011	U
83-32-9	Acenaphthene	0.020	U	98-95-3	Nitrobenzene	0.019	U
208-96-8	Acenaphthylene	0.011	U	87-86-5	Pentachlorophenol	0.060	U
120-12-7	Anthracene	0.013	U	85-01-8	Phenanthrene	0.011	U
92-87-5	Benzidine	0.11	U	108-95-2	Phenol	0.074	U
56-55-3	Benzo[a]anthracene	0.0084	U	129-00-0	Pyrene	0.011	U
50-32-8	**Benzo[a]pyrene**	**0.011**	**0.18**				

Worksheet #: 18054

Total Target Concentration 0.432

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\4M05440.D Vial: 16
Acq On : 8 Aug 2005 12:35 Operator: AHD
Sample : AC18778-021 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:30 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

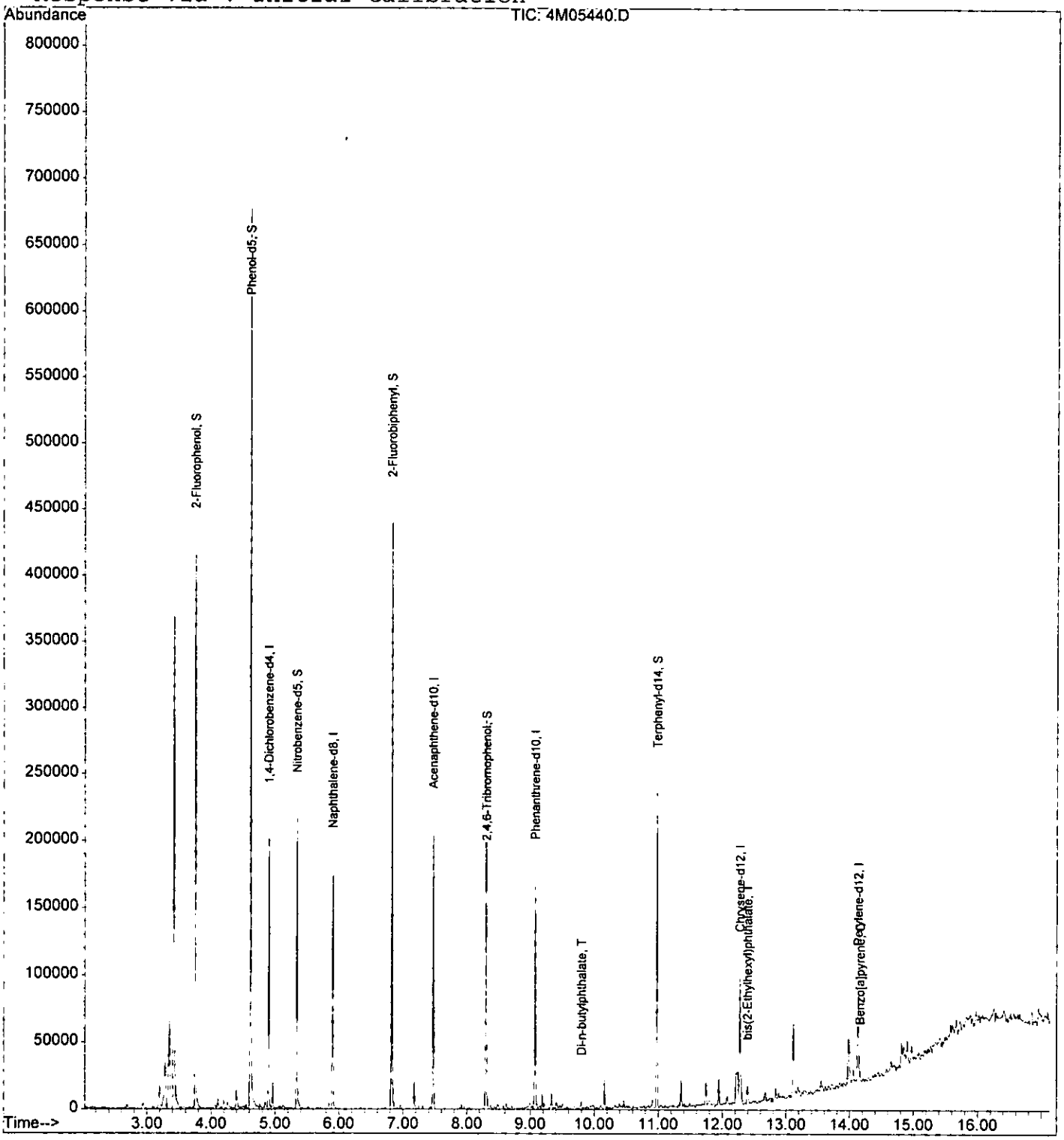
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.90	152	29618	40.00	ng	-0.04
19) Naphthalene-d8	5.90	136	83037	40.00	ng	-0.04
35) Acenaphthene-d10	7.47	164	40993	40.00	ng	-0.06
59) Phenanthrene-d10	9.07	188	55516	40.00	ng	-0.06
72) Chrysene-d12	12.27	240	38553	40.00	ng	-0.06
81) Perylene-d12	14.13	264	28508	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.76	112	115866	138.69	ng	-0.04
Spiked Amount 200.000			Recovery =	69.35%		
7) Phenol-d5	4.62	99	160110	143.96	ng	-0.04
Spiked Amount 200.000			Recovery =	71.98%		
20) Nitrobenzene-d5	5.34	128	29363	70.63	ng	-0.04
Spiked Amount 100.000			Recovery =	70.63%		
40) 2-Fluorobiphenyl	6.82	172	106272	80.90	ng	-0.05
Spiked Amount 100.000			Recovery =	80.90%		
62) 2,4,6-Tribromophenol	8.31	332	44610	179.53	ng	-0.05
Spiked Amount 200.000			Recovery =	89.77%		
75) Terphenyl-d14	10.98	244	74378	68.48	ng	-0.05
Spiked Amount 100.000			Recovery =	68.48%		
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.80	149	3218	1.70	ng	77
80) bis(2-Ethylhexyl)phthalate	12.40	149	3300	3.51	ng	54
85) Benzo[a]pyrene	14.17	252	3536	3.63	ng	82

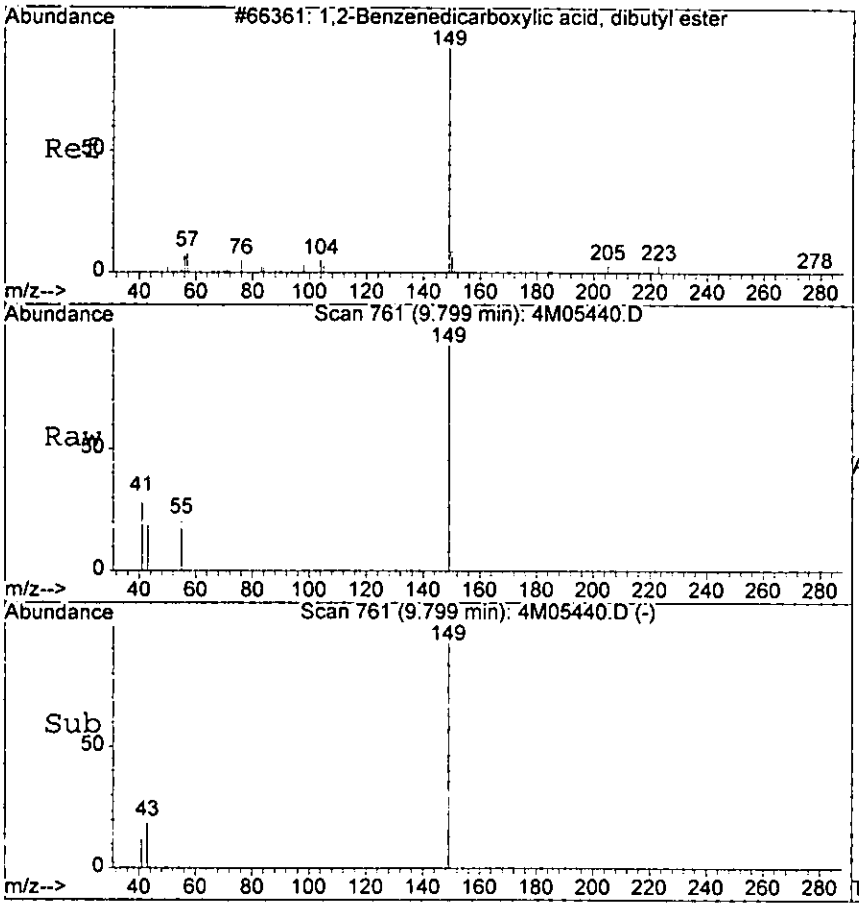
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05440.D Vial: 16
Acq On : 8 Aug 2005 12:35 Operator: AHD
Sample : AC18778-021 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:30 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

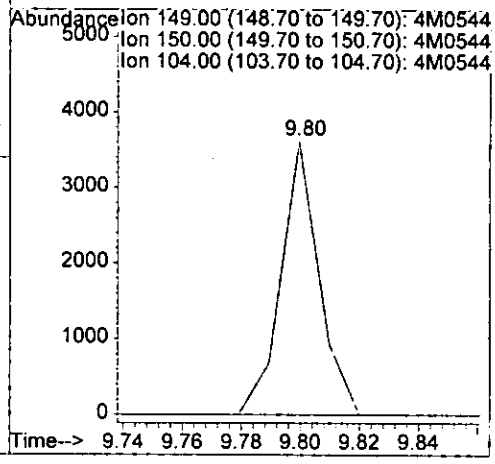




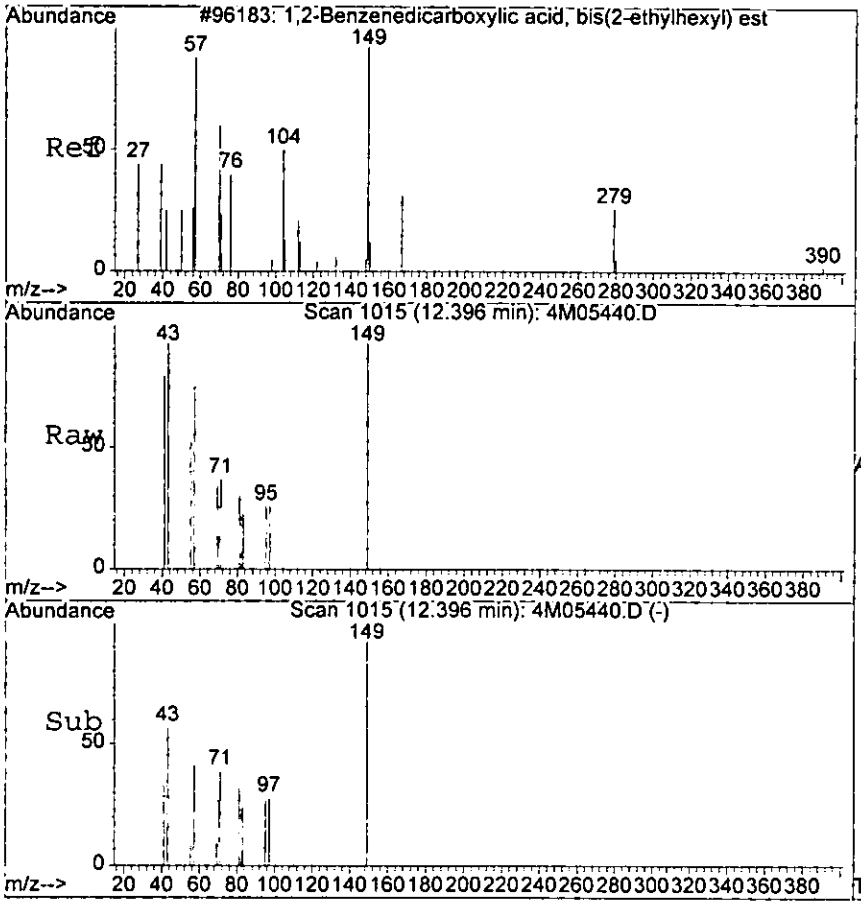
#70
Di-n-butylphthalate
Concen: 1.70 ng
RT: 9.80 min Scan# 761
Delta R.T. -0.06 min
Lab File: 4M05440.D
Acq: 8 Aug 2005 12:35

Tgt Ion:149 Resp: 3218

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



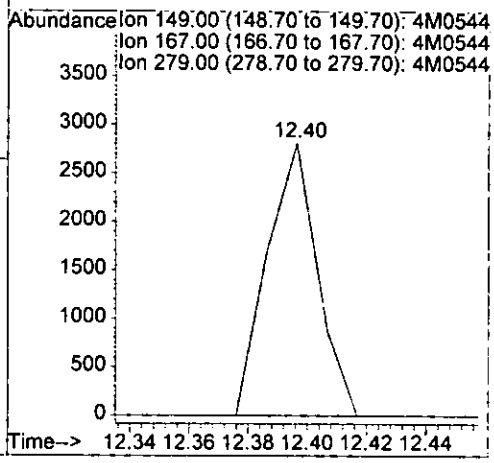
000740

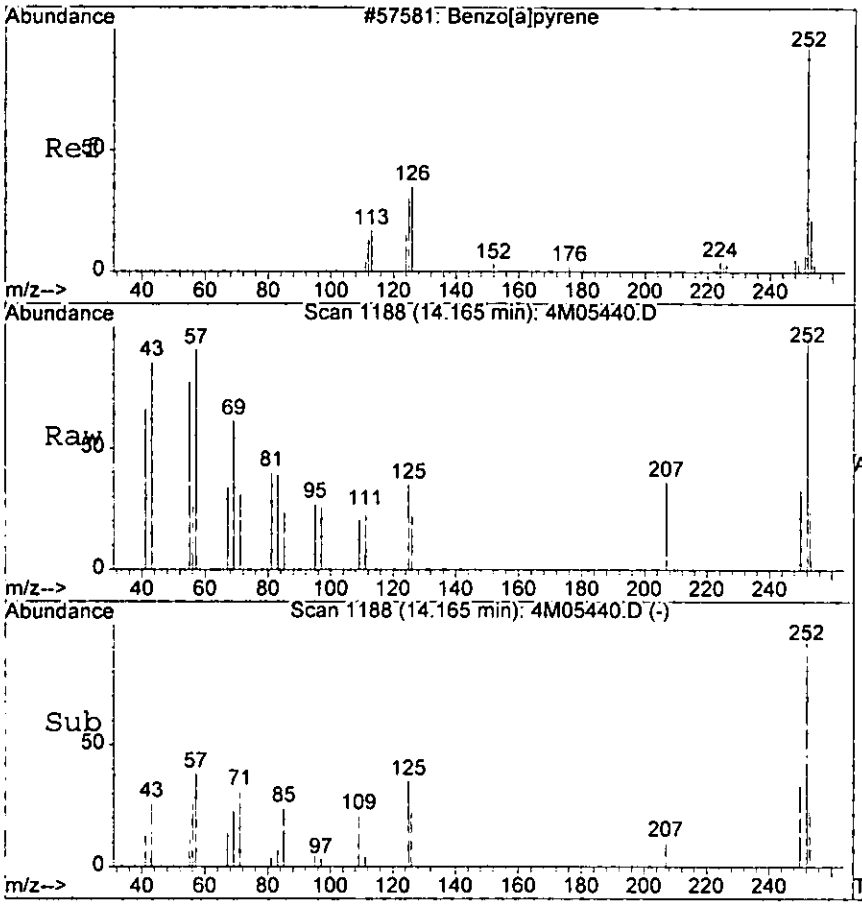


#80
bis(2-Ethylhexyl)phthalate
Concen: 3.51 ng
RT: 12.40 min Scan# 1015
Delta R.T. -0.06 min
Lab File: 4M05440.D
Acq: 8 Aug 2005 12:35

Tgt Ion:149 Resp: 3300

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

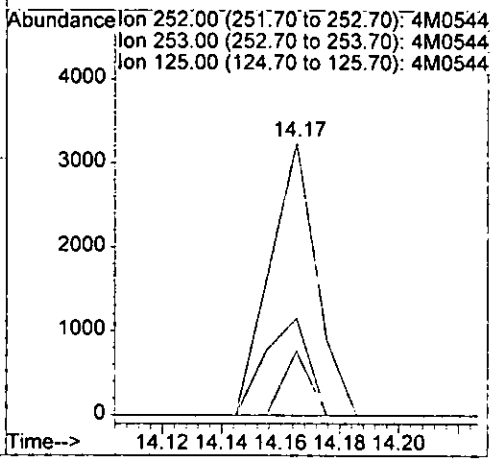




#85
Benzo[a]pyrene
Concen: 3.63 ng
RT: 14.17 min Scan# 1188
Delta R.T. 0.05 min
Lab File: 4M05440.D
Acq: 8 Aug 2005 12:35

Tgt Ion:252 Resp: 3536

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	62.9
125	35.5	0.0	57.6



000742

Form1

ORGANICS SEMIVOLATILE REPORT

000743

Sample Number: AC18778-022
Client Id: PCSB-38(0.5')
Data File: 5M09845.D
Analysis Date: 08/08/05 13:23
Date Rec/Extracted: 07/27/05-08/07/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0071	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.011**	**0.71**
95-50-1	1,2-Dichlorobenzene	0.016	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0058**	**0.32**
122-66-7	1,2-Diphenylhydrazine	0.013	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.014**	**0.21**
541-73-1	1,3-Dichlorobenzene	0.012	U	111-91-1	bis(2-Chloroethoxy)methan	0.0095	U
106-46-7	1,4-Dichlorobenzene	0.0071	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	0.0084	U
88-06-2	2,4,6-Trichlorophenol	0.031	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.026**	**0.22**
120-83-2	2,4-Dichlorophenol	0.054	U	85-68-7	Butylbenzylphthalate	0.011	U
105-67-9	2,4-Dimethylphenol	0.034	U	**86-74-8**	**Carbazole**	**0.0078**	**0.049**
51-28-5	2,4-Dinitrophenol	0.075	U	**218-01-9**	**Chrysene**	**0.012**	**0.59**
121-14-2	2,4-Dinitrotoluene	0.015	U	84-74-2	Di-n-butylphthalate	0.0082	U
606-20-2	2,6-Dinitrotoluene	0.018	U	117-84-0	Di-n-octylphthalate	0.014	U
91-58-7	2-Chloronaphthalene	0.0046	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.0074**	**0.11**
95-57-8	2-Chlorophenol	0.075	U	**132-64-9**	**Dibenzofuran**	**0.053**	**0.064**
91-57-6	**2-Methylnaphthalene**	**0.069**	**0.13**	84-66-2	Diethylphthalate	0.0096	U
95-48-7	2-Methylphenol	0.15	U	131-11-3	Dimethylphthalate	0.0070	U
88-74-4	2-Nitroaniline	0.053	U	**206-44-0**	**Fluoranthene**	**0.0067**	**0.67**
88-75-5	2-Nitrophenol	0.050	U	86-73-7	Fluorene	0.0097	U
106-44-5	3&4-Methylphenol	0.15	U	118-74-1	Hexachlorobenzene	0.016	U
91-94-1	3,3'-Dichlorobenzidine	0.071	U	87-68-3	Hexachlorobutadiene	0.010	U
99-09-2	3-Nitroaniline	0.10	U	77-47-4	Hexachlorocyclopentadiene	0.11	U
534-52-1	4,6-Dinitro-2-methylphenol	0.077	U	67-72-1	Hexachloroethane	0.014	U
101-55-3	4-Bromophenyl-phenylether	0.017	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0069**	**0.28**
59-50-7	4-Chloro-3-methylphenol	0.082	U	78-59-1	Isophorone	0.22	U
106-47-8	4-Chloroaniline	0.28	U	621-64-7	N-Nitroso-di-n-propylamine	0.013	U
7005-72-3	4-Chlorophenyl-phenylether	0.011	U	62-75-9	N-Nitrosodimethylamine	0.45	U
100-01-6	4-Nitroaniline	0.061	U	86-30-6	n-Nitrosodiphenylamine	0.011	U
100-02-7	4-Nitrophenol	0.057	U	**91-20-3**	**Naphthalene**	**0.0040**	**0.13**
83-32-9	Acenaphthene	0.0067	U	98-95-3	Nitrobenzene	0.011	U
208-96-8	**Acenaphthylene**	**0.0061**	**0.072**	87-86-5	Pentachlorophenol	0.039	U
120-12-7	**Anthracene**	**0.0080**	**0.079**	**85-01-8**	**Phenanthrene**	**0.0090**	**0.54**
92-87-5	Benzidine	0.42	U	108-95-2	Phenol	0.067	U
56-55-3	**Benzo[a]anthracene**	**0.0057**	**0.37**	**129-00-0**	**Pyrene**	**0.0093**	**0.67**
50-32-8	**Benzo[a]pyrene**	**0.0068**	**0.39**				

Worksheet #: 18054

Total Target Concentration 5.604

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\5M09845.D Vial: 20
Acq On : 8 Aug 2005 13:23 Operator: AHD
Sample : AC18778-022 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:31 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	30462	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	118227	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	69102	40.00	ng	-0.18
61) Phenanthrene-d10	8.83	188	111034	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	75948	40.00	ng	-0.23
88) Perylene-d12	13.39	264	61488	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	139974	136.43	ng	-0.20
Spiked Amount 200.000			Recovery = 68.22%			
8) Phenol-d5	4.80	99	183197	122.11	ng	-0.15
Spiked Amount 200.000			Recovery = 61.06%			
21) Nitrobenzene-d5	5.57	128	34377	66.41	ng	-0.15
Spiked Amount 100.000			Recovery = 66.41%			
41) 2-Fluorobiphenyl	6.94	172	150436	69.65	ng	-0.15
Spiked Amount 100.000			Recovery = 69.65%			
64) 2,4,6-Tribromophenol	8.15	330	35261	148.38	ng	-0.19
Spiked Amount 200.000			Recovery = 74.19%			
80) Terphenyl-d14	10.60	244	144237	80.39	ng	-0.21
Spiked Amount 100.000			Recovery = 80.39%			
Target Compounds						Qvalue
30) Naphthalene	6.14	128	10025	3.24	ng	100
34) 2-Methylnaphthalene	6.67	142	6743	3.15	ng	95
47) Acenaphthylene	7.35	152	5443	1.76	ng	94
53) Dibenzofuran	7.63	168	4374	1.57	ng	86
70) Phenanthrene	8.85	178	42362	13.23	ng	98
71) Anthracene	8.90	178	6332	1.95	ng	96
72) Carbazole	9.08	167	3575	1.20	ng	92
76) Fluoranthene	10.13	202	57584	16.50	ng	98
78) Pyrene	10.38	202	50326	16.55	ng	99
85) Benzo[a]anthracene	11.79	228	25674	9.19	ng	98
86) Chrysene	11.83	228	37199	14.52	ng	96
87) bis(2-Ethylhexyl)phthalate	11.92	149	9800	5.30	ng	94
90) Benzo[b]fluoranthene	12.99	252	42531m	17.52	ng	
91) Benzo[k]fluoranthene	13.02	252	12597m	5.13	ng	
92) Benzo[a]pyrene	13.33	252	21679	9.49	ng	97
93) Indeno[1,2,3-cd]pyrene	14.41	276	17210	6.95	ng	86
94) Dibenzo[a,h]anthracene	14.43	278	5722m	2.79	ng	
95) Benzo[g,h,i]perylene	14.67	276	16432	7.94	ng	93

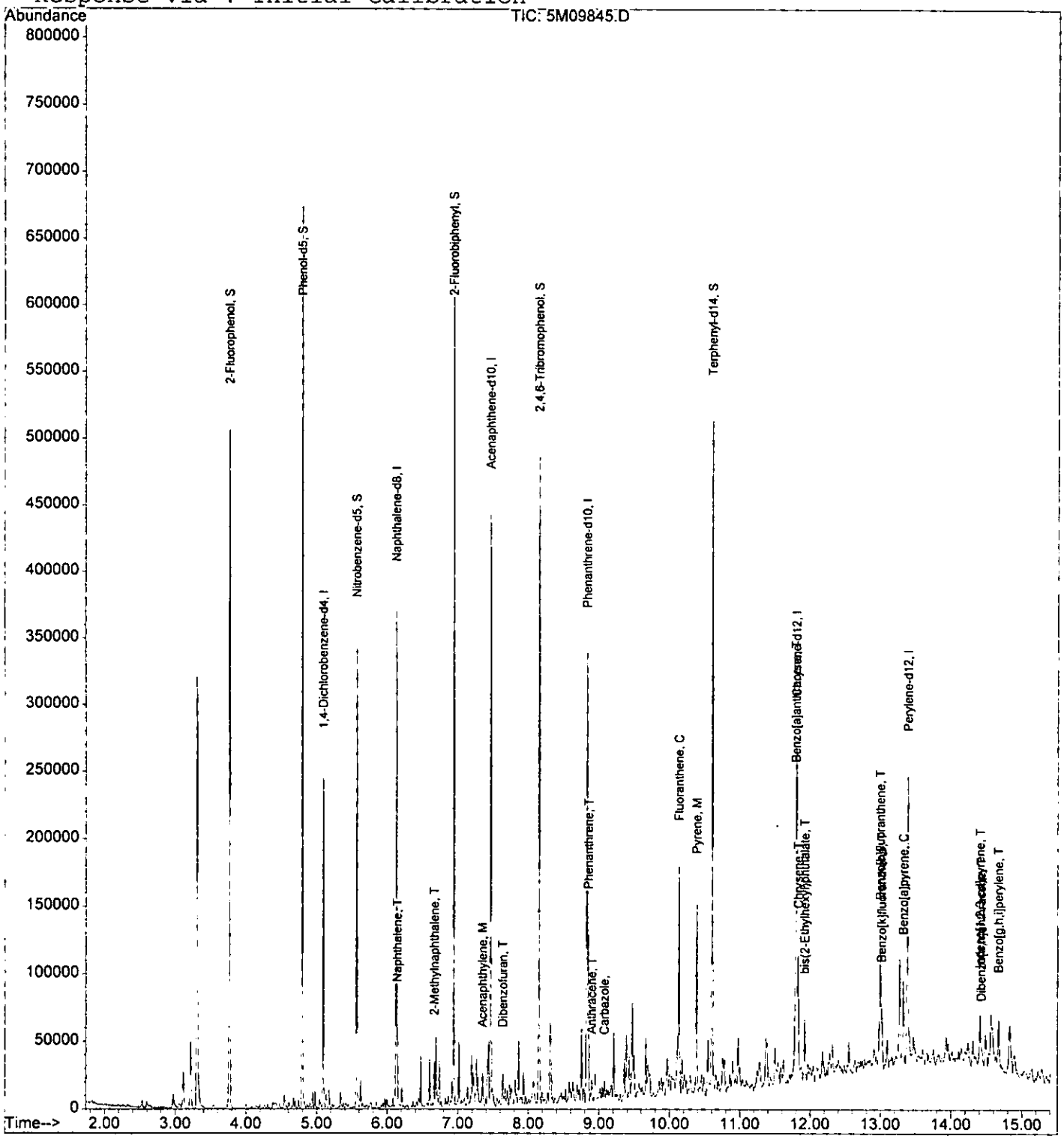
(#) = qualifier out of range (m) = manual integration

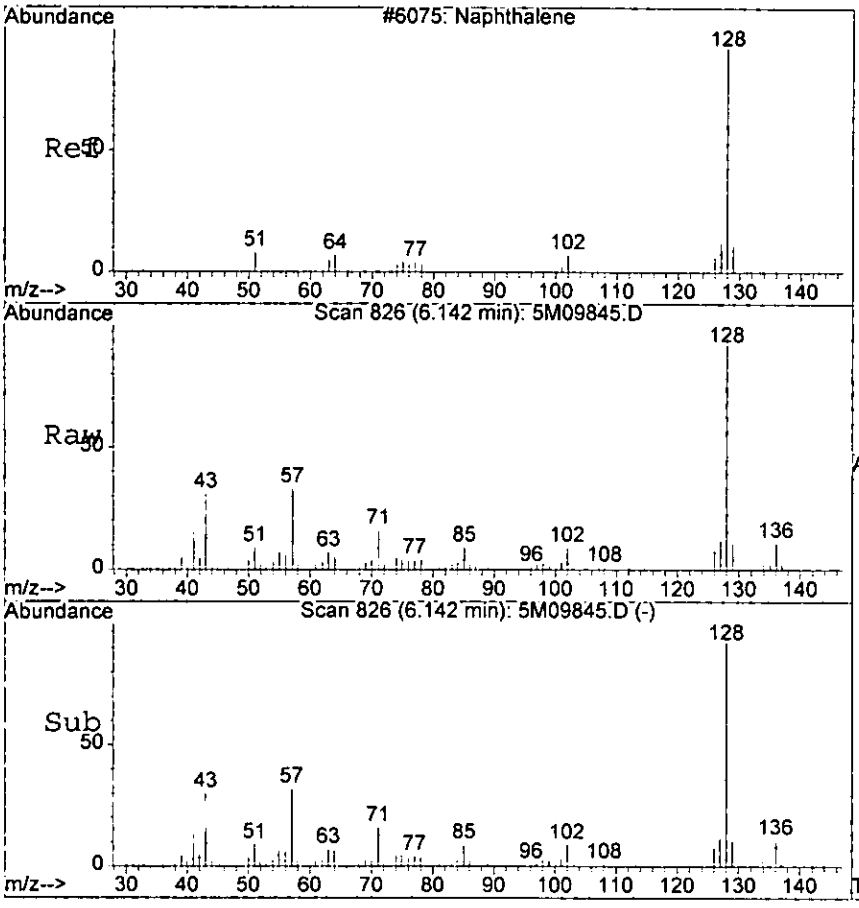
1/2810

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09845.D Vial: 20
Acq On : 8 Aug 2005 13:23 Operator: AHD
Sample : AC18778-022 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:31 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

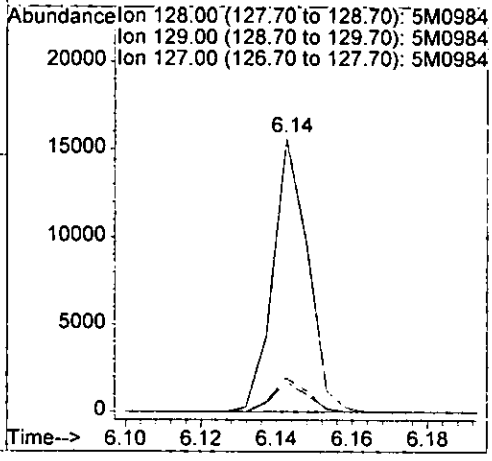




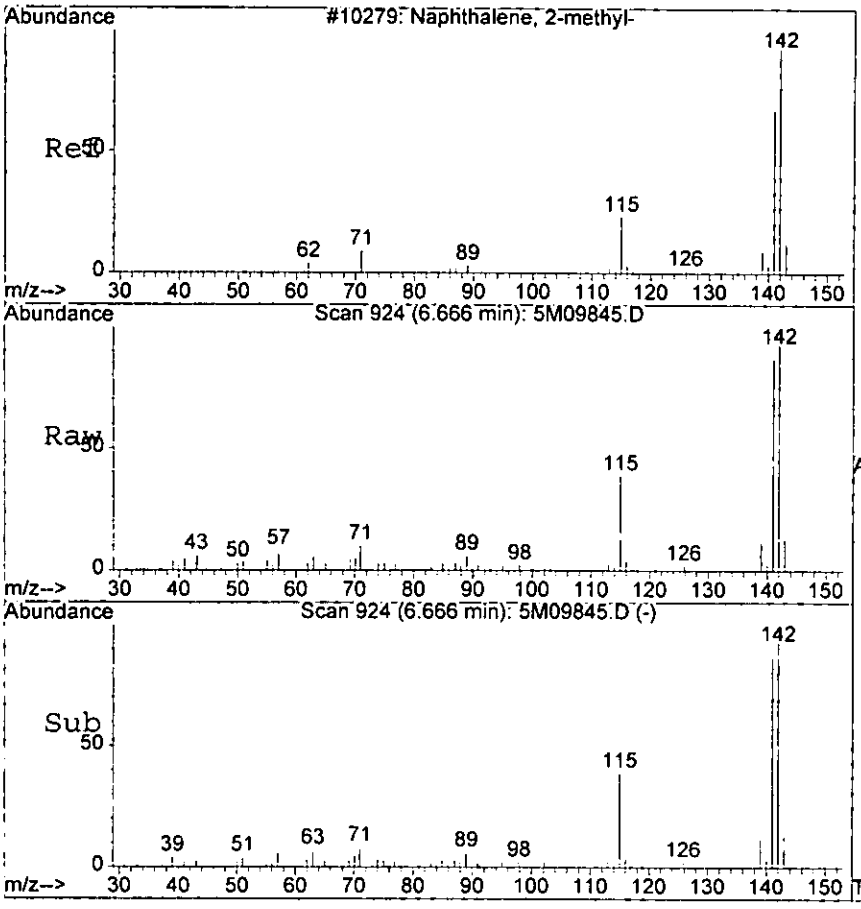
#30
Naphthalene
Concen: 3.24 ng
RT: 6.14 min Scan# 826
Delta R.T. -0.16 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:128 Resp: 10025

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	50.9
127	12.4	0.0	52.6



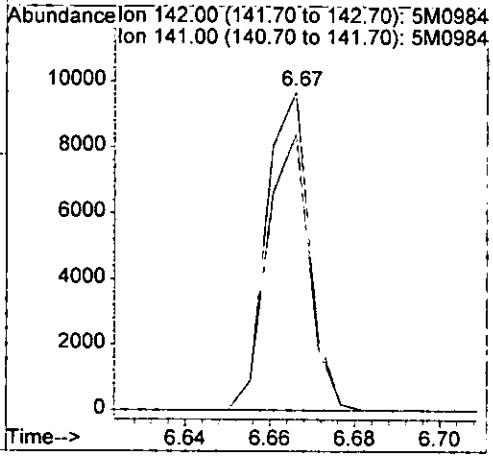
000746



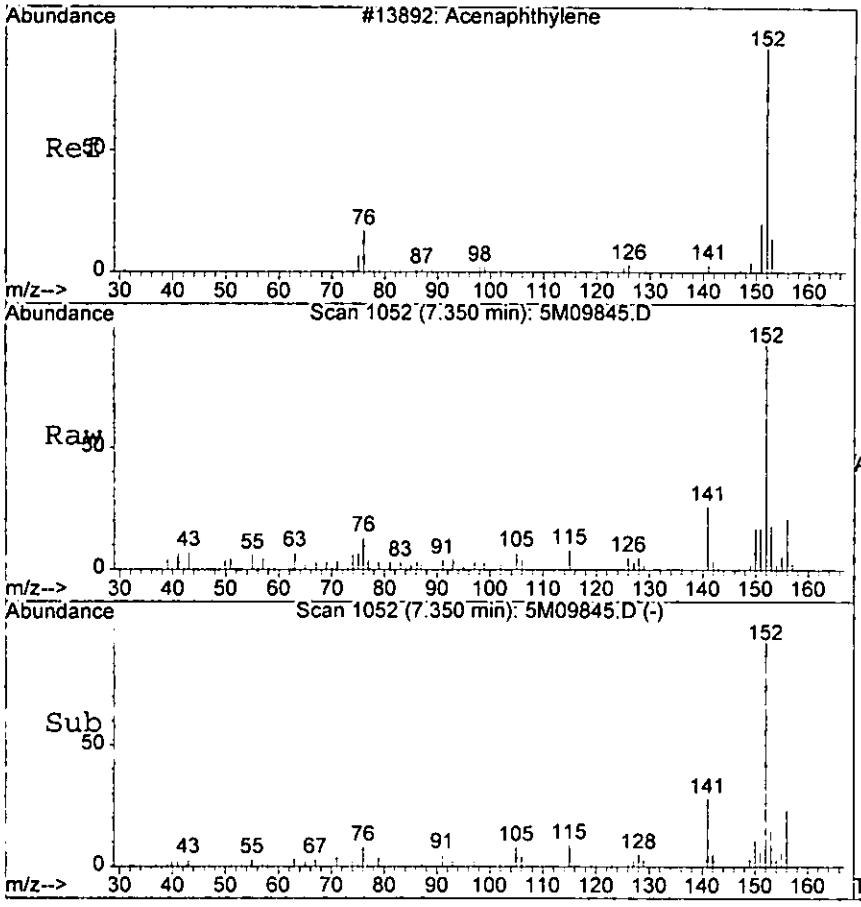
#34
2-Methylnaphthalene
Concen: 3.15 ng
RT: 6.67 min Scan# 924
Delta R.T. -0.15 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:142 Resp: 6743

Ion	Ratio	Lower	Upper
142	100		
141	86.7	42.0	122.0

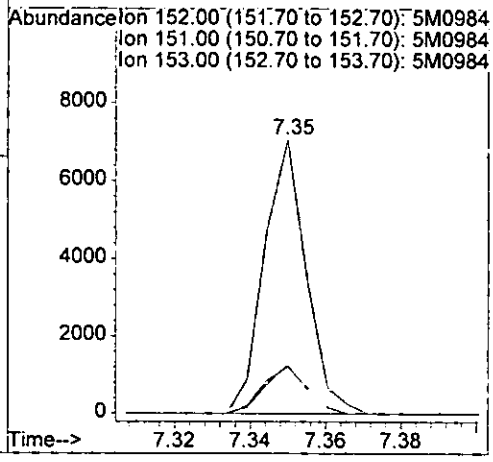


0007417

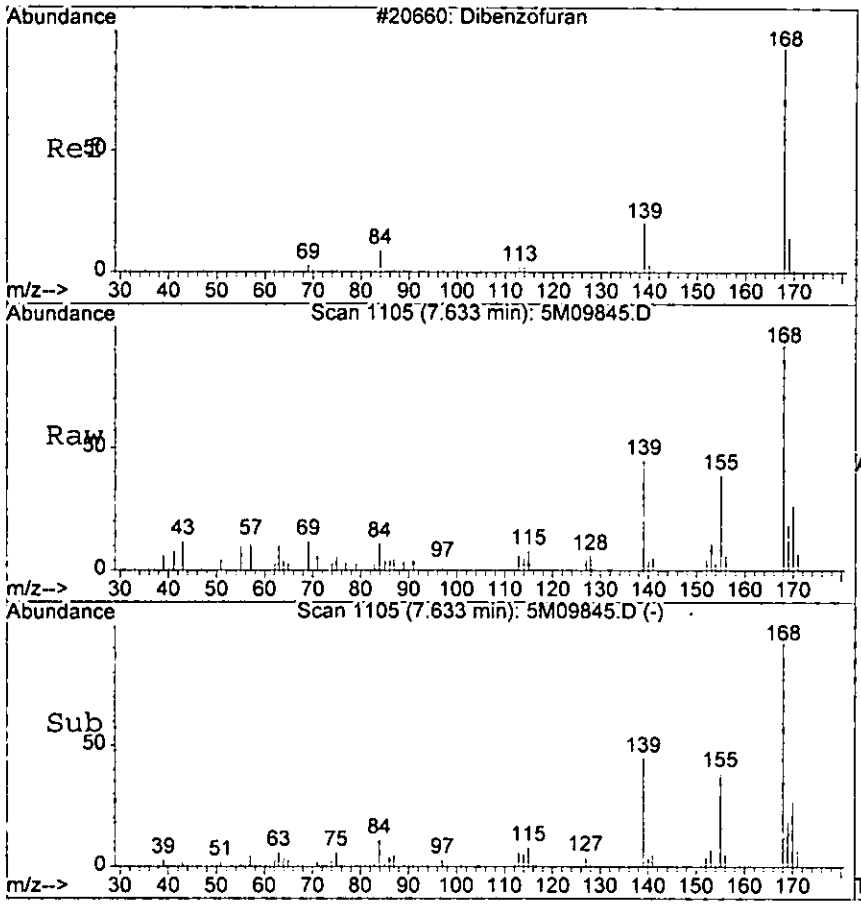


#47
Acenaphthylene
Concen: 1.76 ng
RT: 7.35 min Scan# 1052
Delta R.T. -0.17 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:152	Resp:	5443	
Ion	Ratio	Lower	Upper
152	100		
151	17.3	0.0	59.1
153	17.6	0.0	53.9



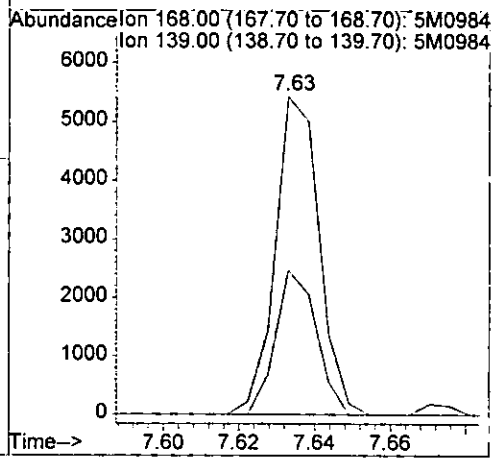
L8V5

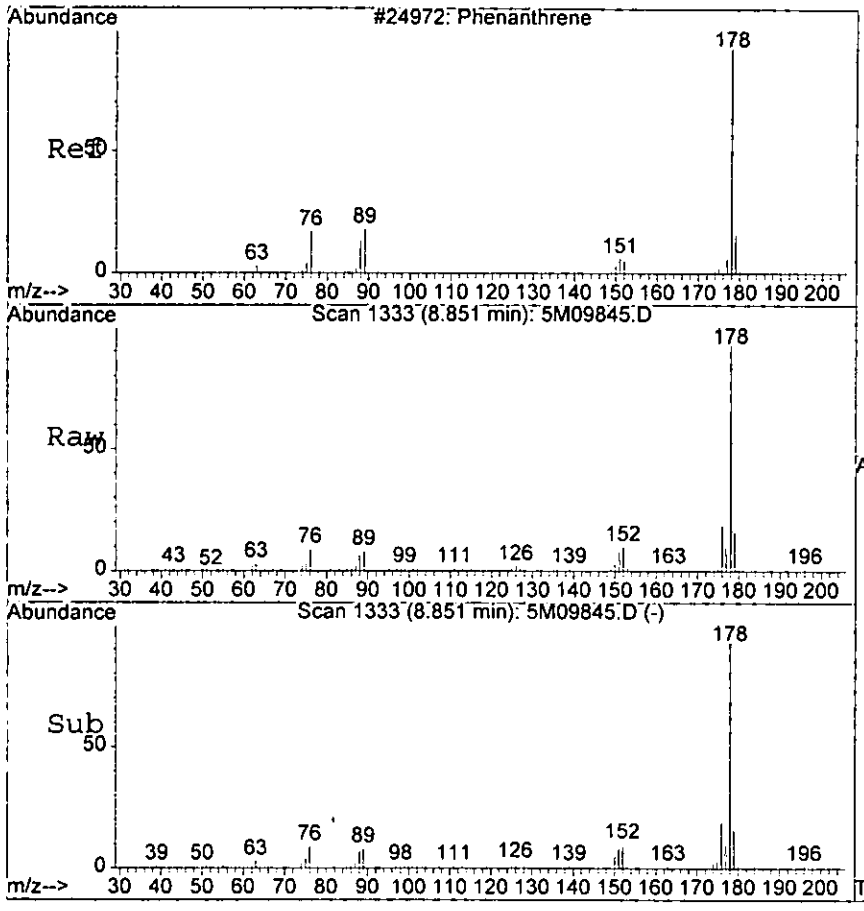


#53
Dibenzofuran
Concen: 1.57 ng
RT: 7.63 min Scan# 1105
Delta R.T. -0.18 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:168 Resp: 4374

Ion	Ratio	Lower	Upper
168	100		
139	45.4	7.1	67.1

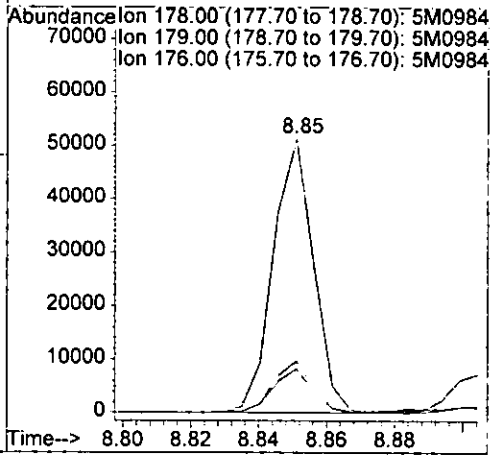




#70
Phenanthrene
Concen: 13.23 ng
RT: 8.85 min Scan# 1333
Delta R.T. -0.20 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

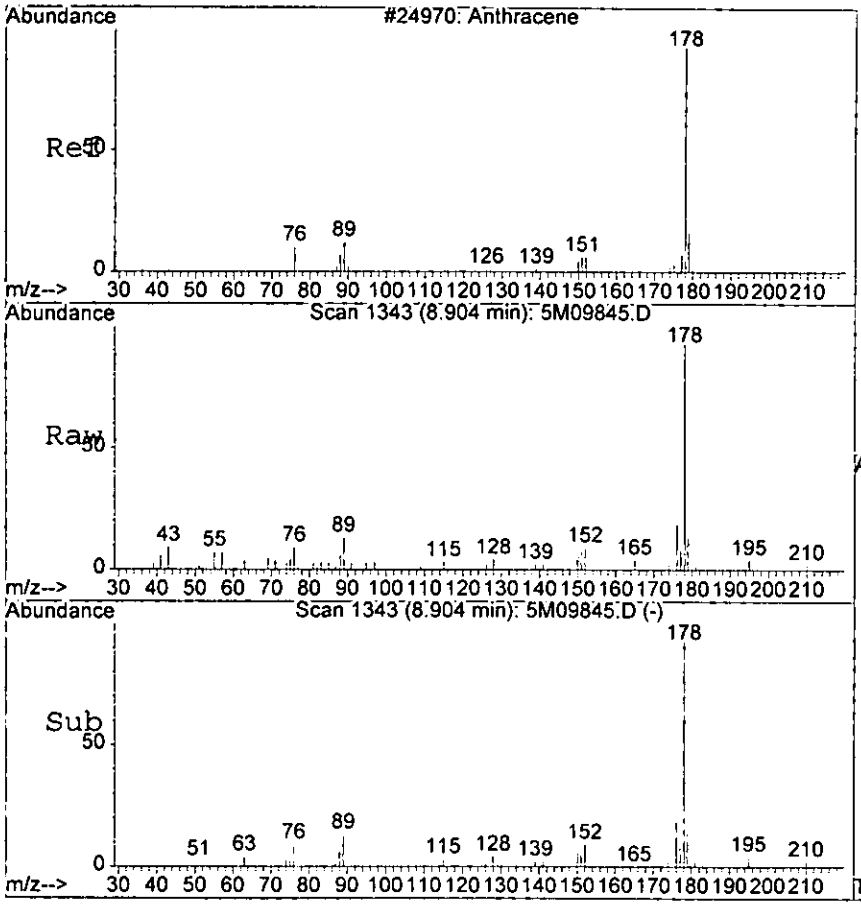
Tgt Ion:178 Resp: 42362

Ion	Ratio	Lower	Upper
178	100		
179	15.9	0.0	54.9
176	18.7	0.0	57.7



000750

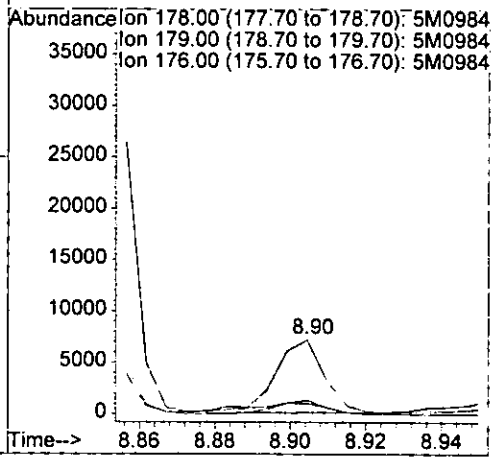
8/10/05



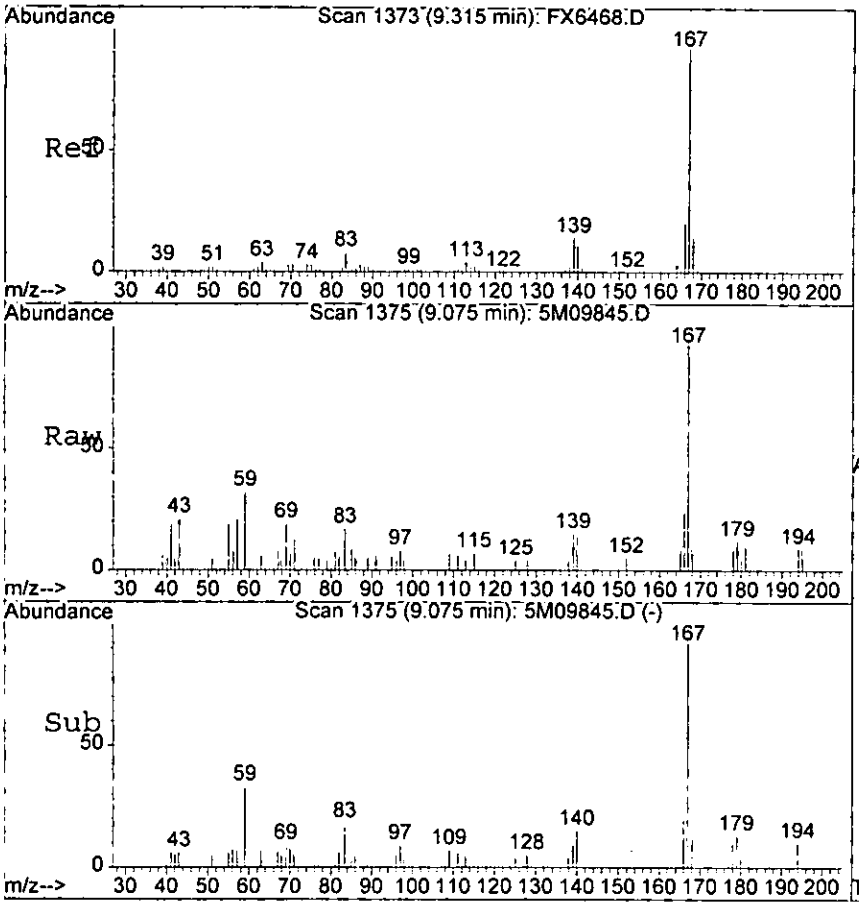
#71
Anthracene
Concen: 1.95 ng
RT: 8.90 min Scan# 1343
Delta R.T. -0.20 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:178 Resp: 6332

Ion	Ratio	Lower	Upper
178	100		
179	12.0	0.0	54.3
176	19.1	0.0	57.7



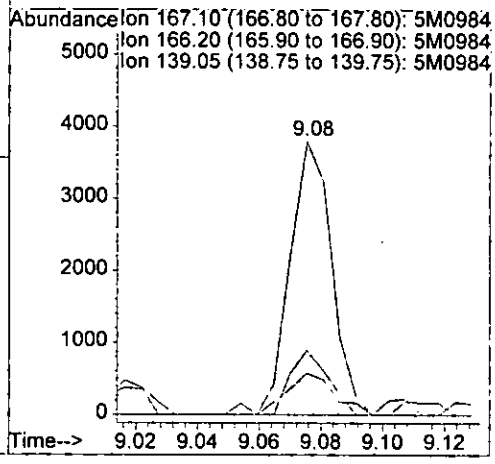
000751

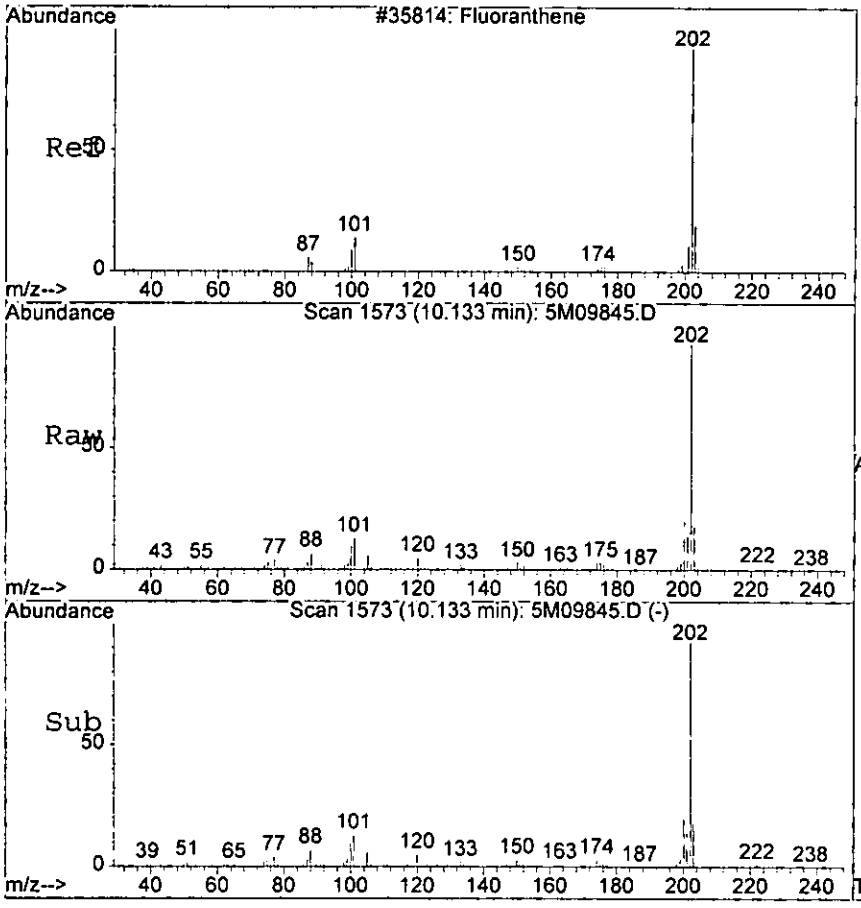


#72
Carbazole
Concen: 1.20 ng
RT: 9.08 min Scan# 1375
Delta R.T. -0.21 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:167 Resp: 3575

Ion	Ratio	Lower	Upper
167	100		
166	23.6	0.0	39.5
139	15.2	0.0	33.0

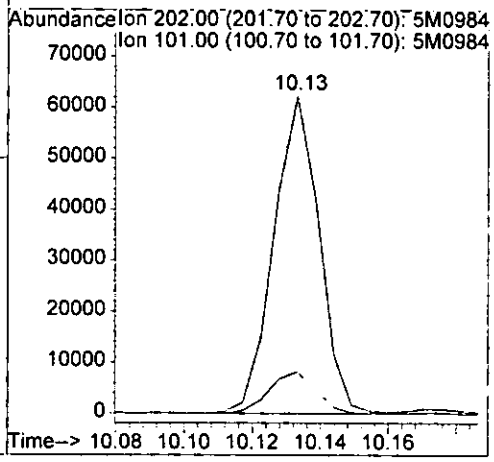




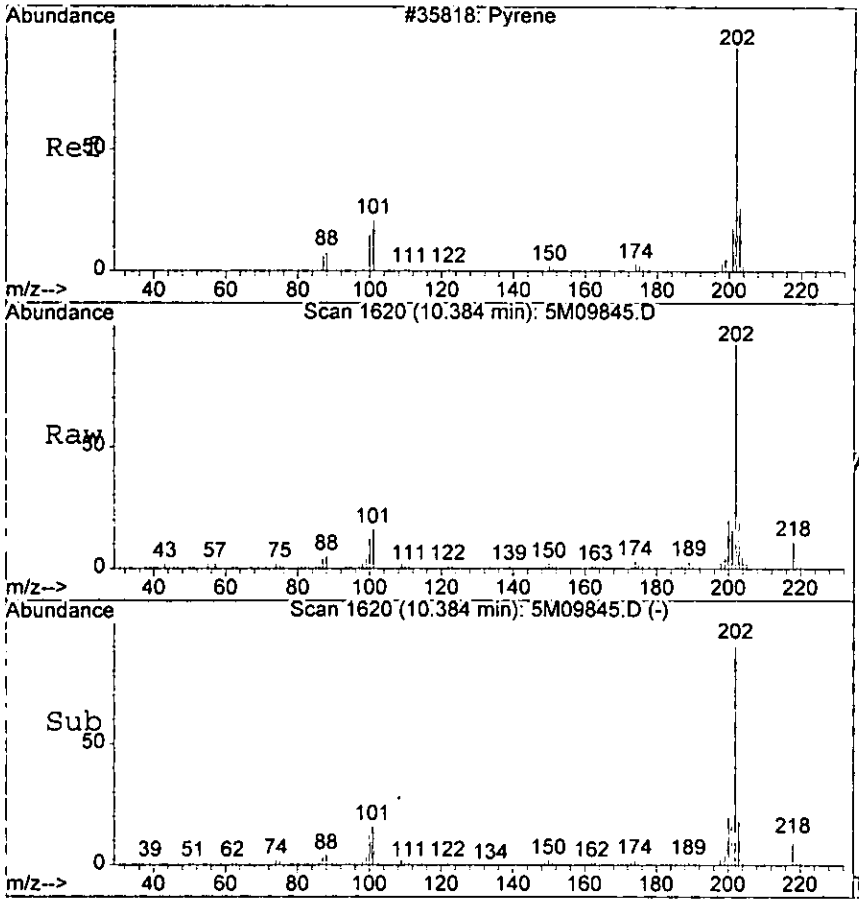
#76
Fluoranthene
Concen: 16.50 ng
RT: 10.13 min Scan# 1573
Delta R.T. -0.22 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:202 Resp: 57584

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	52.5



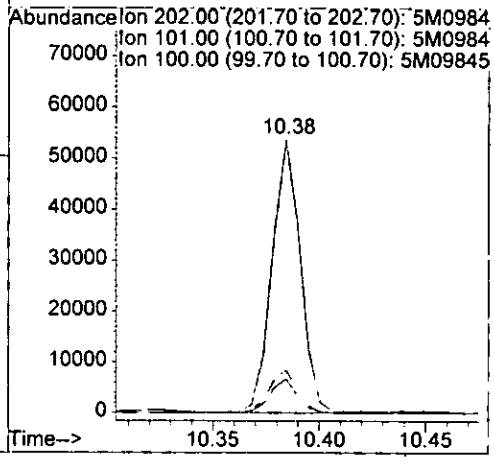
Low

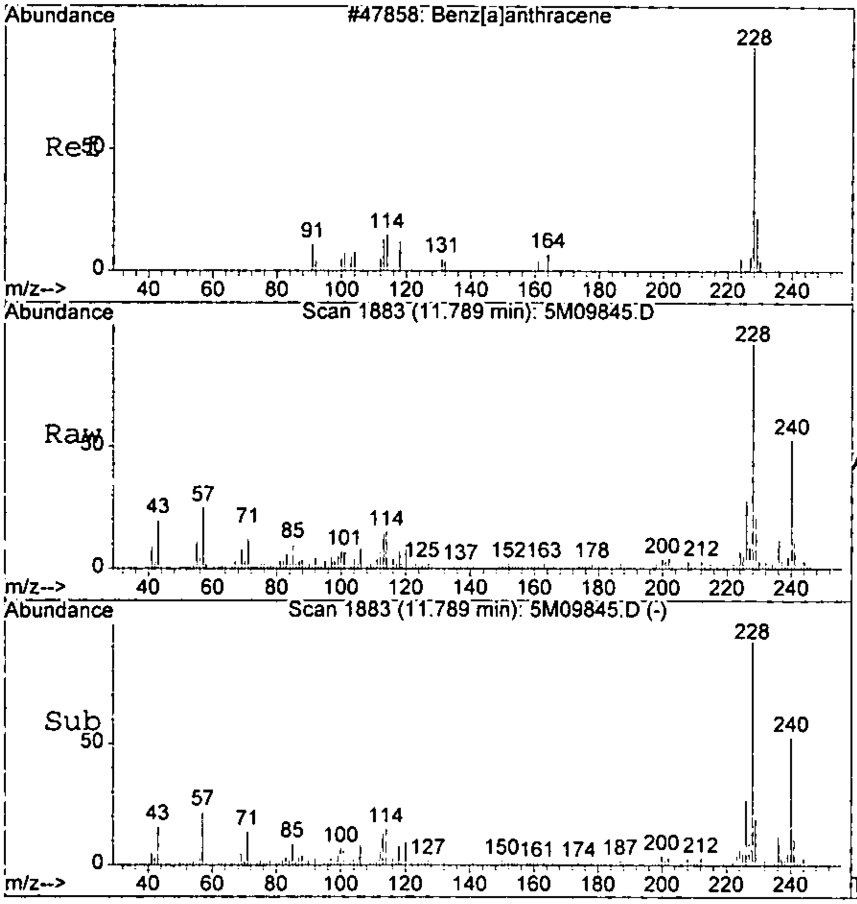


#78
Pyrene
Concen: 16.55 ng
RT: 10.38 min Scan# 1620
Delta R.T. -0.22 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:202 Resp: 50326

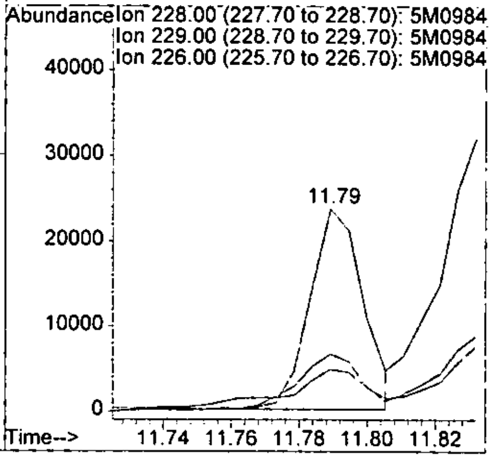
Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	55.5
100	12.4	0.0	52.1





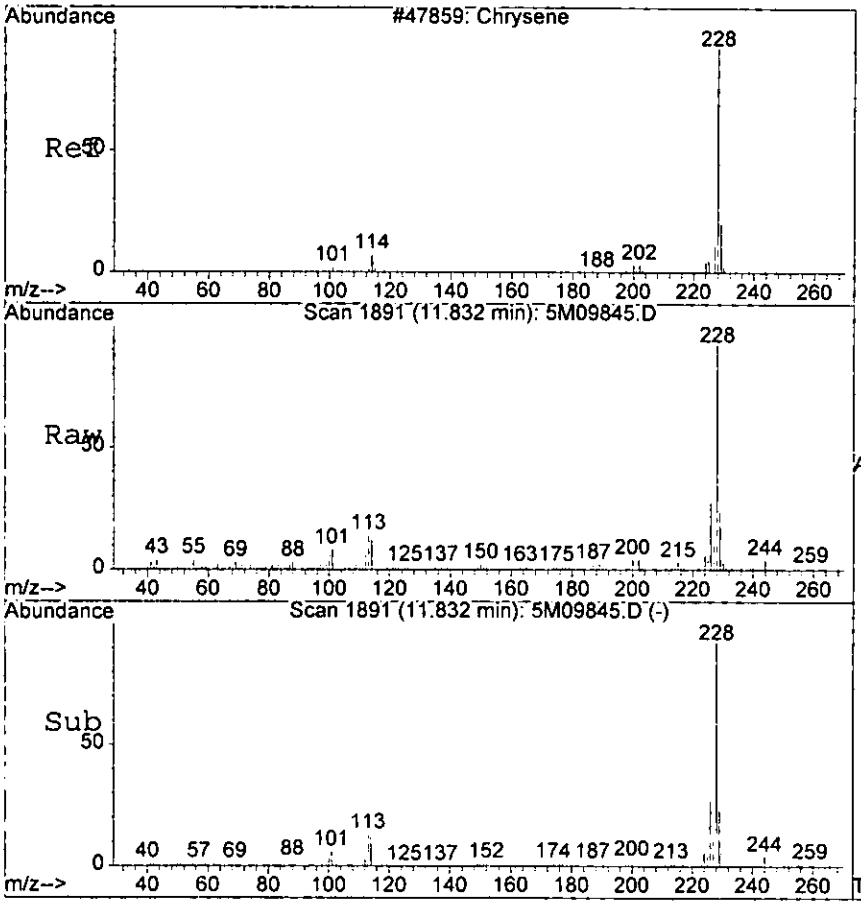
#85
Benzo[a]anthracene
Concen: 9.19 ng
RT: 11.79 min Scan# 1883
Delta R.T. -0.23 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt	Ion:228	Resp:	25674
Ion	Ratio	Lower	Upper
228	100		
229	18.2	0.0	58.7
226	27.8	0.0	66.4



000755

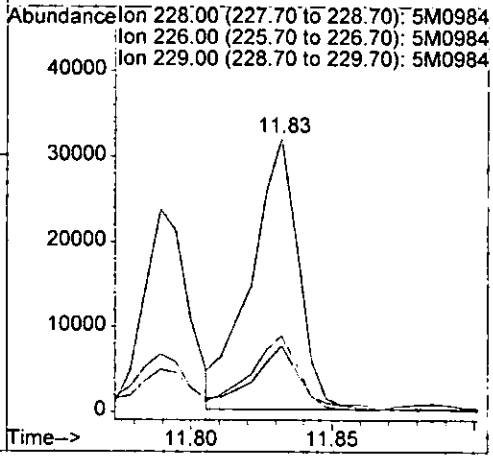
LRW



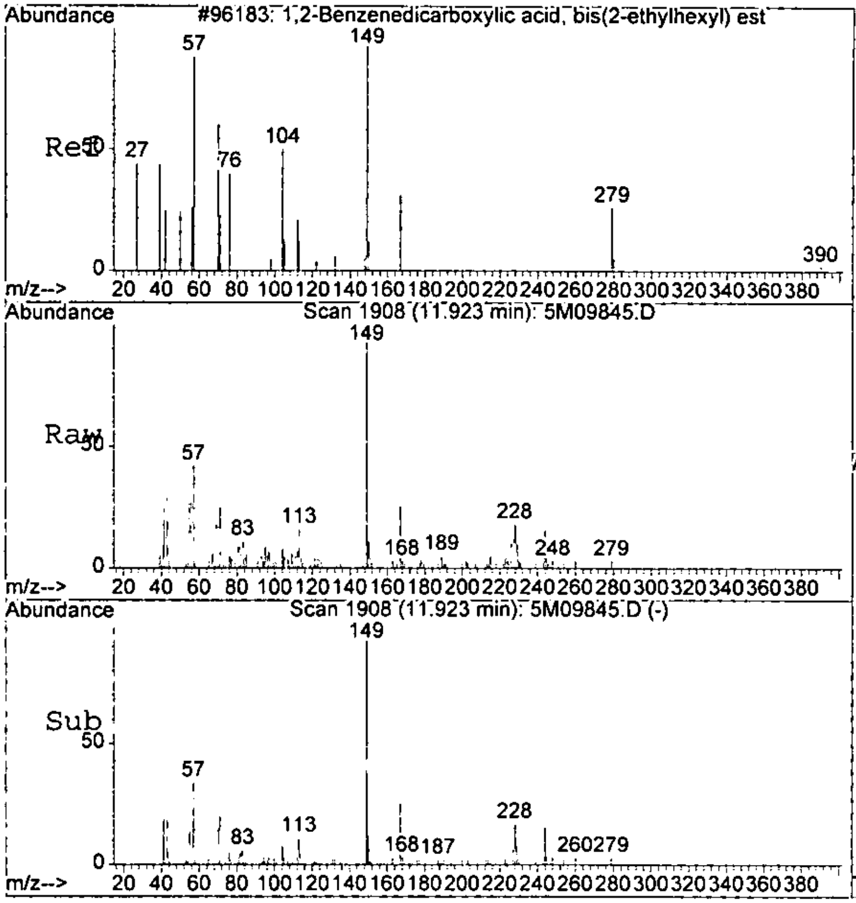
#86
Chrysene
Concen: 14.52 ng
RT: 11.83 min Scan# 1891
Delta R.T. -0.23 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:228 Resp: 37199

Ion	Ratio	Lower	Upper
228	100		
226	27.0	9.1	49.1
229	22.5	0.0	60.1



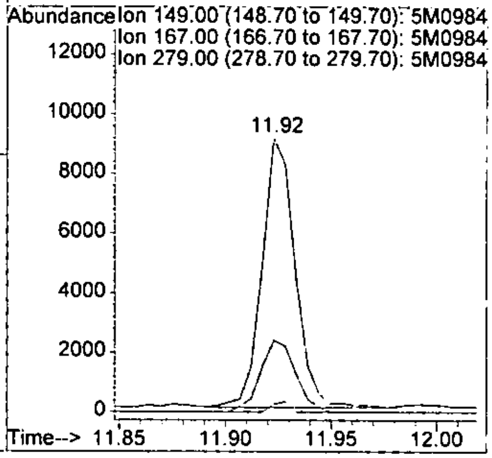
K-SW



#87
bis(2-Ethylhexyl)phthalate
Concen: 5.30 ng
RT: 11.92 min Scan# 1908
Delta R.T. -0.21 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:149 Resp: 9800

Ion	Ratio	Lower	Upper
149	100		
167	26.7	2.4	58.4
279	2.8	0.0	44.1



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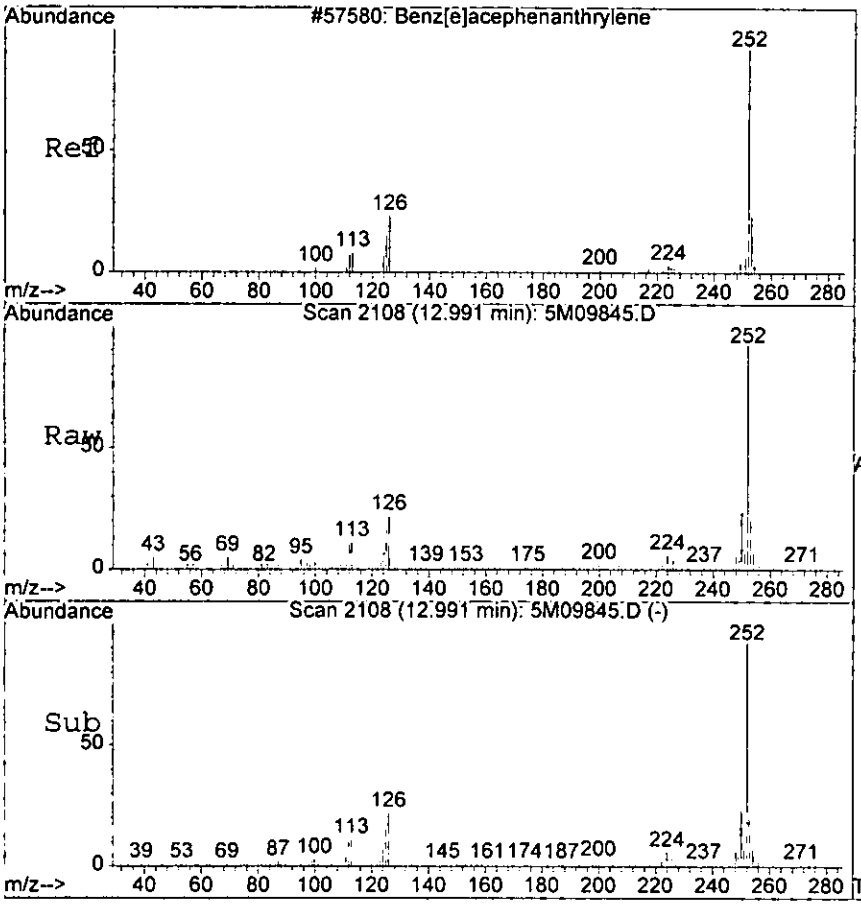
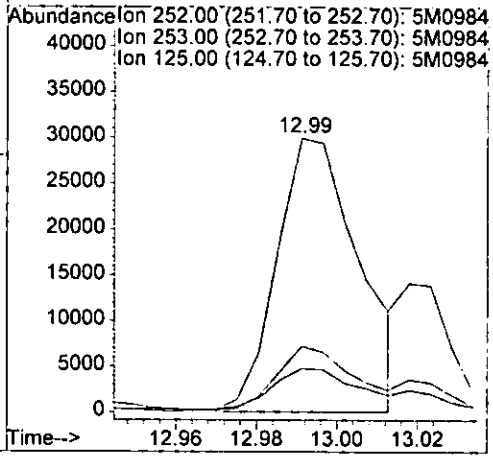
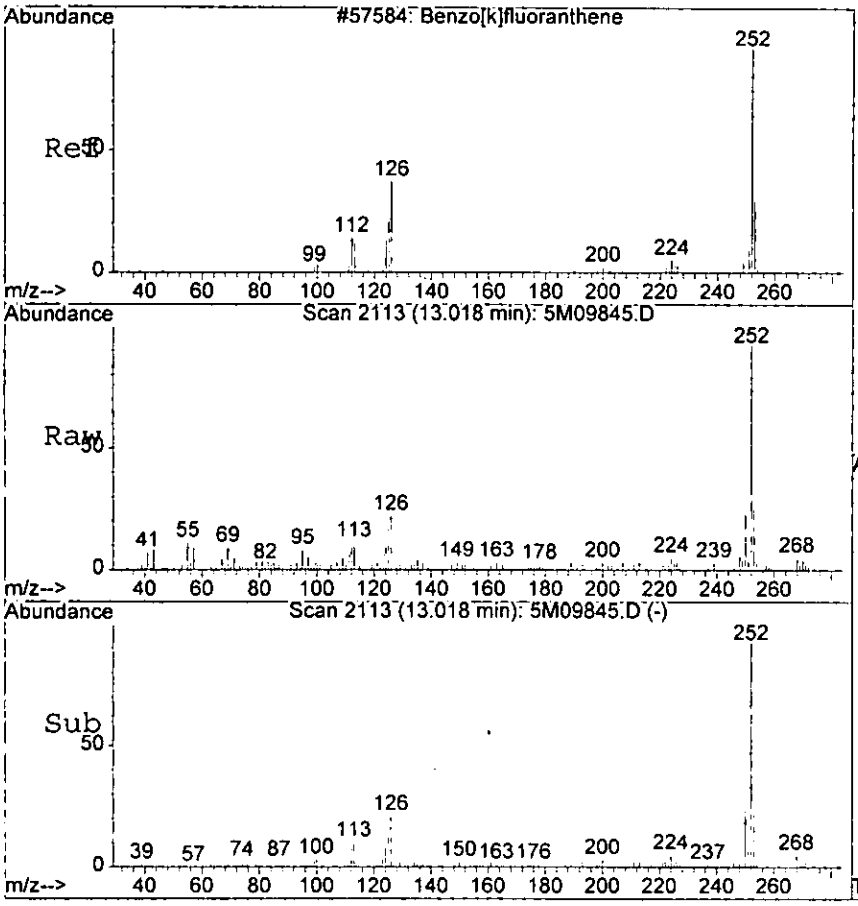


#90
Benzo[b]fluoranthene
Concen: 17.52 ng m
RT: 12.99 min Scan# 2108
Delta R.T. -0.24 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:252	Resp:	42531	
Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	61.6
125	15.9	0.0	54.8

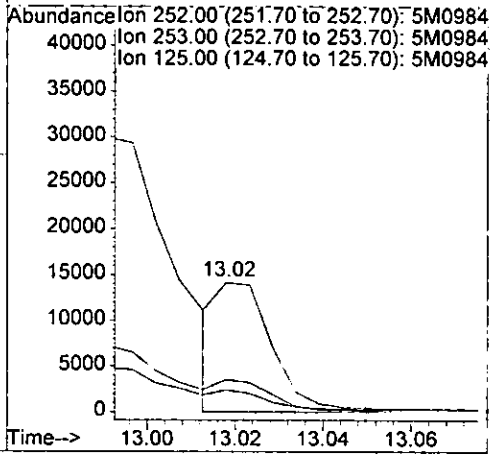


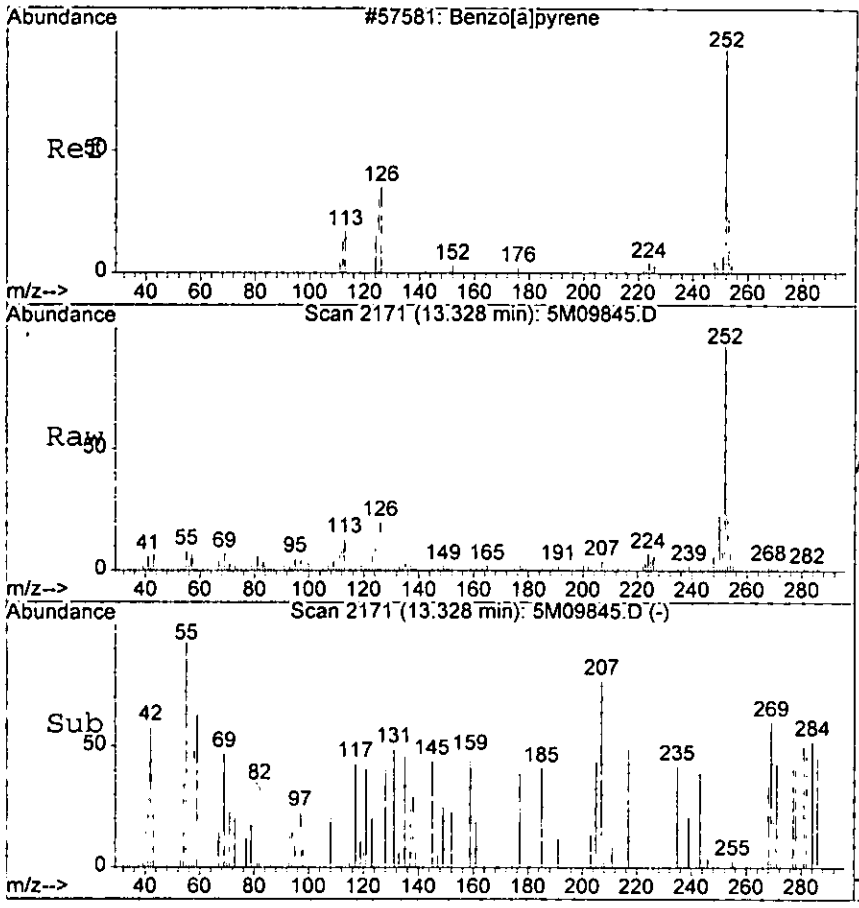


#91
Benzo[k]fluoranthene
Concen: 5.13 ng m
RT: 13.02 min Scan# 2113
Delta R.T. -0.24 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:252 Resp: 12597

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	62.3
125	17.1	0.0	56.6

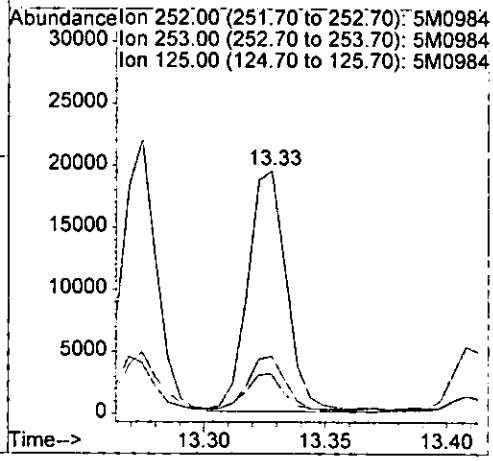


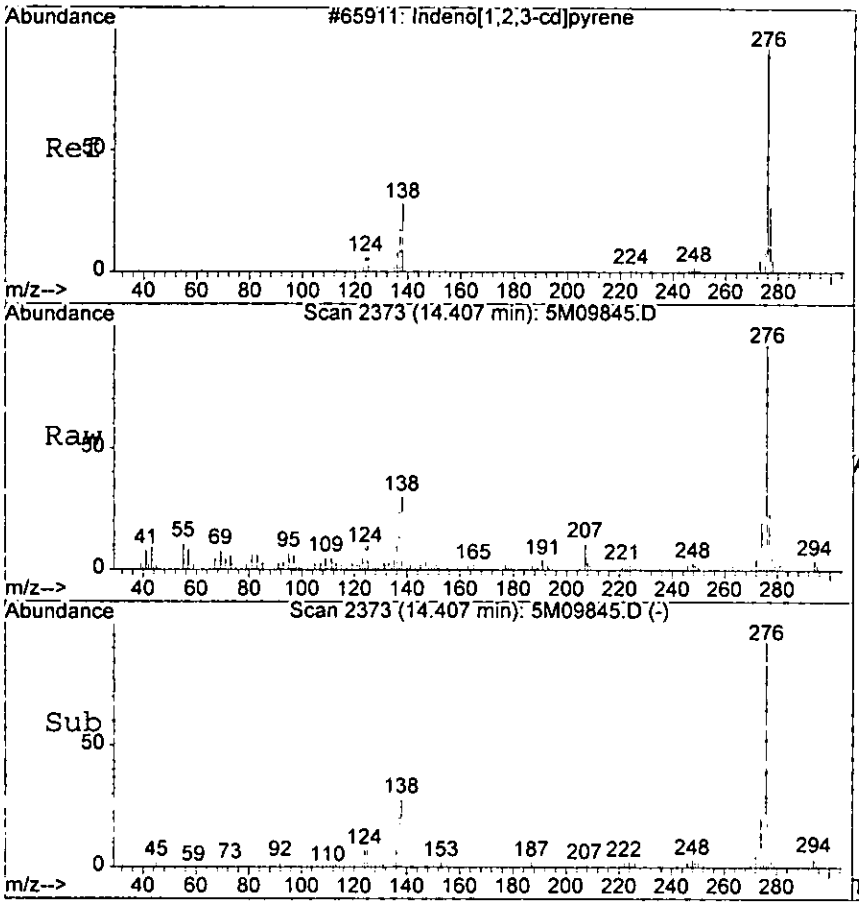


#92
Benzo[a]pyrene
Concen: 9.49 ng
RT: 13.33 min Scan# 2171
Delta R.T. -0.24 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:252 Resp: 21679

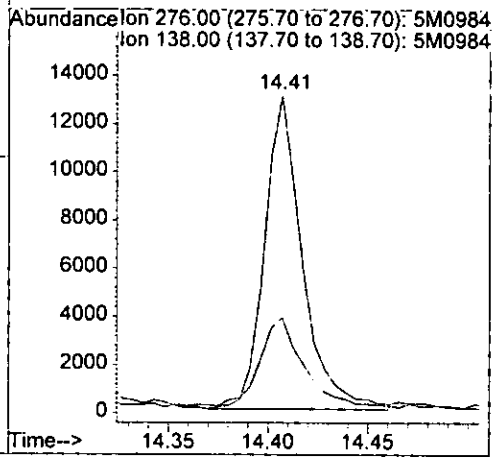
Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	61.5
125	14.9	0.0	56.0

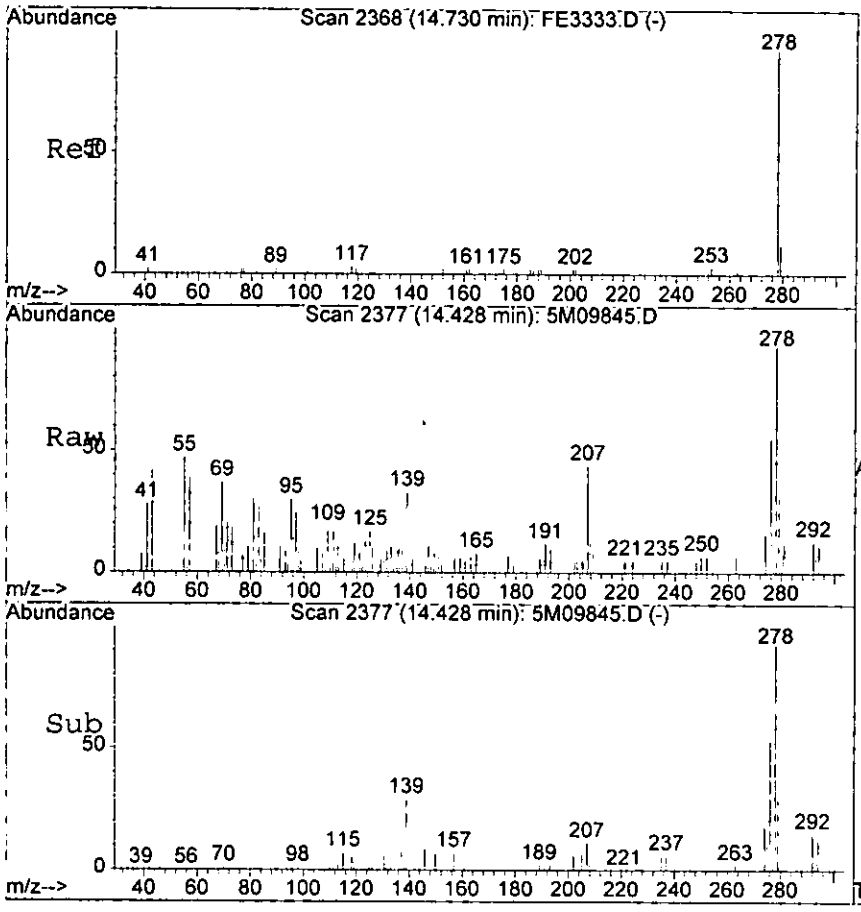




#93
Indeno[1,2,3-cd]pyrene
Concen: 6.95 ng
RT: 14.41 min Scan# 2373
Delta R.T. -0.29 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:276	Resp:	17210	
Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	76.1

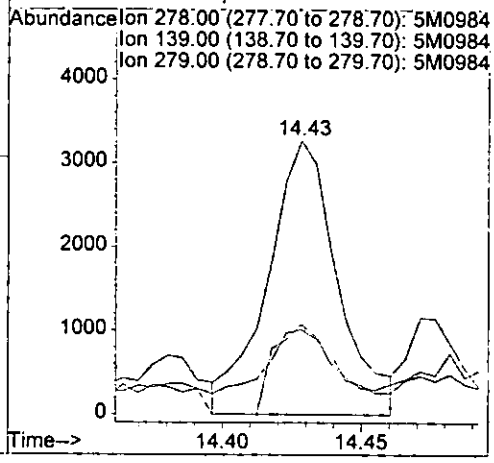


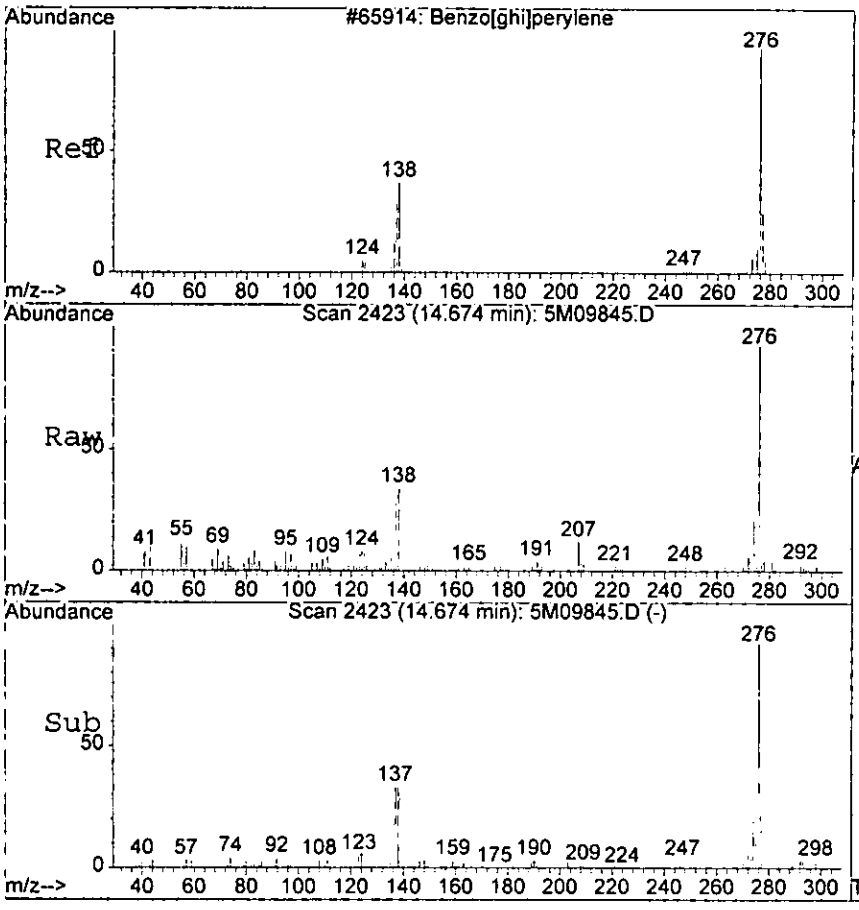


#94
Dibenzo[a,h]anthracene
Concen: 2.79 ng m
RT: 14.43 min Scan# 2377
Delta R.T. -0.29 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:278 Resp: 5722

Ion	Ratio	Lower	Upper
278	100		
139	32.8	0.0	66.7
279	31.0	0.0	62.7

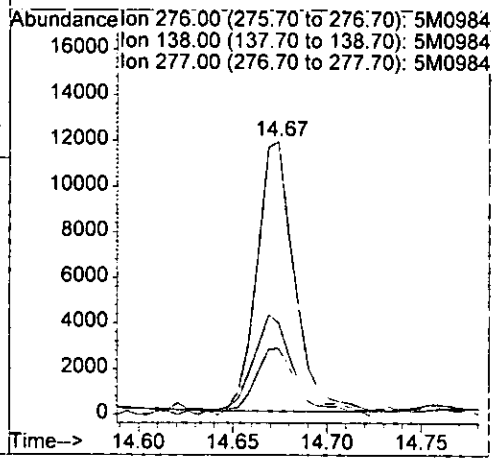




#95
Benzo[g,h,i]perylene
Concen: 7.94 ng
RT: 14.67 min Scan# 2423
Delta R.T. -0.31 min
Lab File: 5M09845.D
Acq: 8 Aug 2005 13:23

Tgt Ion:276 Resp: 16432

Ion	Ratio	Lower	Upper
276	100		
138	32.2	0.0	78.3
277	23.4	0.0	64.0



0002413

Form1

ORGANICS SEMIVOLATILE REPORT

0007174

Sample Number: AC18778-023
Client Id: PCSB-38(3.5')
Data File: 5M09846.D
Analysis Date: 08/08/05 13:44
Date Rec/Extracted: 07/27/05-08/07/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 88

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.0066	U	205-99-2	Benzo[b]fluoranthene	0.011	U
95-50-1	1,2-Dichlorobenzene	0.015	U	191-24-2	Benzo[g,h,i]perylene	0.0054	U
122-66-7	1,2-Diphenylhydrazine	0.012	U	207-08-9	Benzo[k]fluoranthene	0.013	U
541-73-1	1,3-Dichlorobenzene	0.011	U	111-91-1	bis(2-Chloroethoxy)methan	0.0088	U
106-46-7	1,4-Dichlorobenzene	0.0066	U	111-44-4	bis(2-Chloroethyl)ether	0.017	U
95-95-4	2,4,5-Trichlorophenol	0.059	U	108-60-1	bis(2-chloroisopropyl)ether	0.0078	U
88-06-2	2,4,6-Trichlorophenol	0.028	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.024**	**0.49**
120-83-2	2,4-Dichlorophenol	0.050	U	85-68-7	Butylbenzylphthalate	0.010	U
105-67-9	2,4-Dimethylphenol	0.032	U	86-74-8	Carbazole	0.0073	U
51-28-5	2,4-Dinitrophenol	0.070	U	218-01-9	Chrysene	0.011	U
121-14-2	2,4-Dinitrotoluene	0.014	U	**84-74-2**	**Di-n-butylphthalate**	**0.0077**	**0.044**
606-20-2	2,6-Dinitrotoluene	0.017	U	**117-84-0**	**Di-n-octylphthalate**	**0.013**	**0.053**
91-58-7	2-Chloronaphthalene	0.0043	U	53-70-3	Dibenzo[a,h]anthracene	0.0069	U
95-57-8	2-Chlorophenol	0.070	U	132-64-9	Dibenzofuran	0.049	U
91-57-6	2-Methylnaphthalene	0.065	U	84-66-2	Diethylphthalate	0.0089	U
95-48-7	2-Methylphenol	0.14	U	131-11-3	Dimethylphthalate	0.0065	U
88-74-4	2-Nitroaniline	0.049	U	206-44-0	Fluoranthene	0.0062	U
88-75-5	2-Nitrophenol	0.047	U	86-73-7	Fluorene	0.0091	U
106-44-5	3&4-Methylphenol	0.14	U	118-74-1	Hexachlorobenzene	0.015	U
91-94-1	3,3'-Dichlorobenzidine	0.066	U	87-68-3	Hexachlorobutadiene	0.0093	U
99-09-2	3-Nitroaniline	0.095	U	77-47-4	Hexachlorocyclopentadiene	0.10	U
534-52-1	4,6-Dinitro-2-methylphenol	0.072	U	67-72-1	Hexachloroethane	0.013	U
101-55-3	4-Bromophenyl-phenylether	0.015	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0064	U
59-50-7	4-Chloro-3-methylphenol	0.076	U	78-59-1	Isophorone	0.20	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	0.42	U
100-01-6	4-Nitroaniline	0.056	U	86-30-6	n-Nitrosodiphenylamine	0.010	U
100-02-7	4-Nitrophenol	0.054	U	91-20-3	Naphthalene	0.0037	U
83-32-9	Acenaphthene	0.0062	U	98-95-3	Nitrobenzene	0.011	U
208-96-8	Acenaphthylene	0.0057	U	87-86-5	Pentachlorophenol	0.037	U
120-12-7	Anthracene	0.0075	U	85-01-8	Phenanthrene	0.0084	U
92-87-5	Benzidine	0.39	U	108-95-2	Phenol	0.063	U
56-55-3	Benzo[a]anthracene	0.0053	U	129-00-0	Pyrene	0.0087	U
50-32-8	Benzo[a]pyrene	0.0063	U				

Worksheet #: 18054

Total Target Concentration 0.587

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\5M09846.D Vial: 21
Acq On : 8 Aug 2005 13:44 Operator: AHD
Sample : AC18778-023 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:31 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	27197	40.00	ng	-0.16
20) Naphthalene-d8	6.13	136	103930	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	61812	40.00	ng	-0.18
61) Phenanthrene-d10	8.82	188	107339	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	71693	40.00	ng	-0.23
88) Perylene-d12	13.38	264	56449	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	126271	137.85	ng	-0.20
Spiked Amount 200.000			Recovery = 68.93%			
8) Phenol-d5	4.80	99	162341	121.20	ng	-0.15
Spiked Amount 200.000			Recovery = 60.60%			
21) Nitrobenzene-d5	5.57	128	31522	69.27	ng	-0.15
Spiked Amount 100.000			Recovery = 69.27%			
41) 2-Fluorobiphenyl	6.94	172	129581	67.07	ng	-0.15
Spiked Amount 100.000			Recovery = 67.07%			
64) 2,4,6-Tribromophenol	8.16	330	31947	139.07	ng	-0.19
Spiked Amount 200.000			Recovery = 69.54%			
80) Terphenyl-d14	10.60	244	140479	82.94	ng	-0.21
Spiked Amount 100.000			Recovery = 82.94%			
Target Compounds						Qvalue
74) Di-n-butylphthalate	9.49	149	3991	1.15	ng	97
87) bis(2-Ethylhexyl)phthalate	11.93	149	22496	12.88	ng	58
89) Di-n-octylphthalate	12.68	149	4309	1.39	ng	89

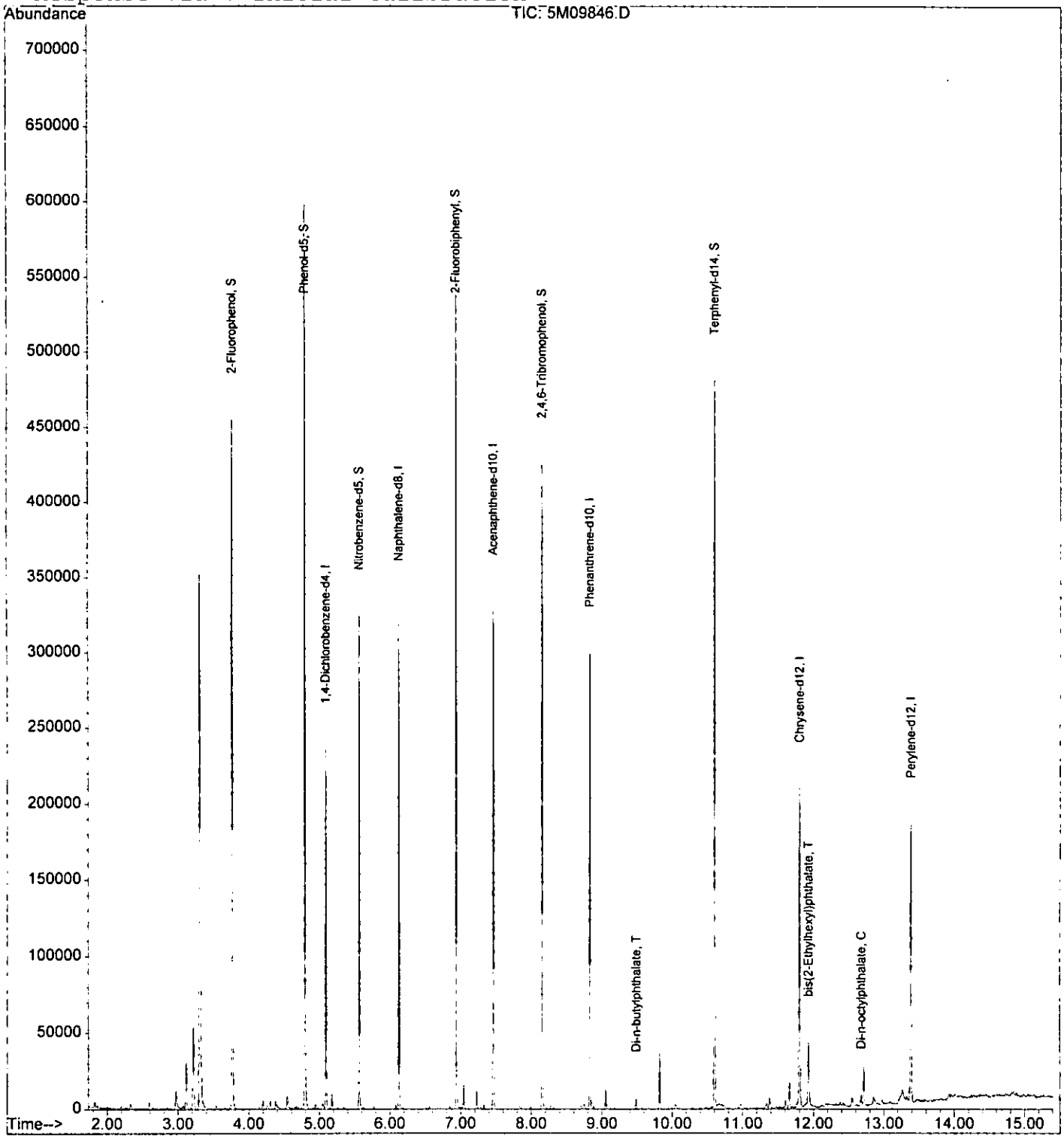
18MV

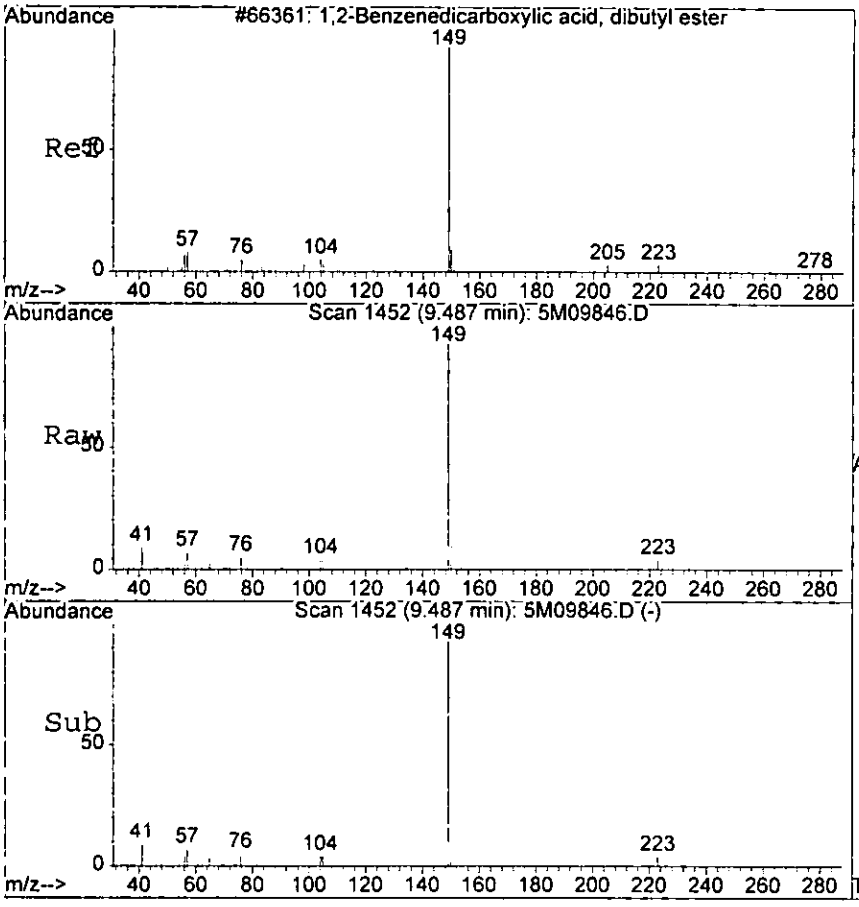
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09846.D Vial: 21
Acq On : 8 Aug 2005 13:44 Operator: AHD
Sample : AC18778-023 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:31 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

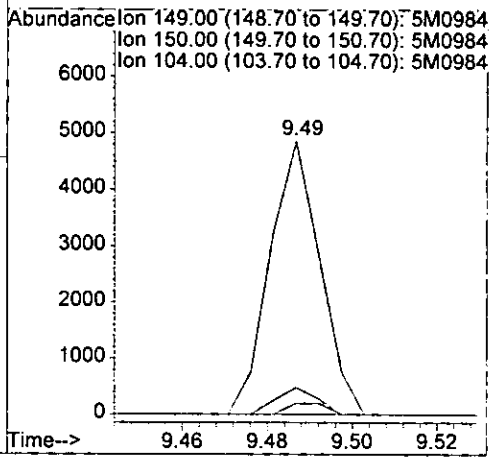


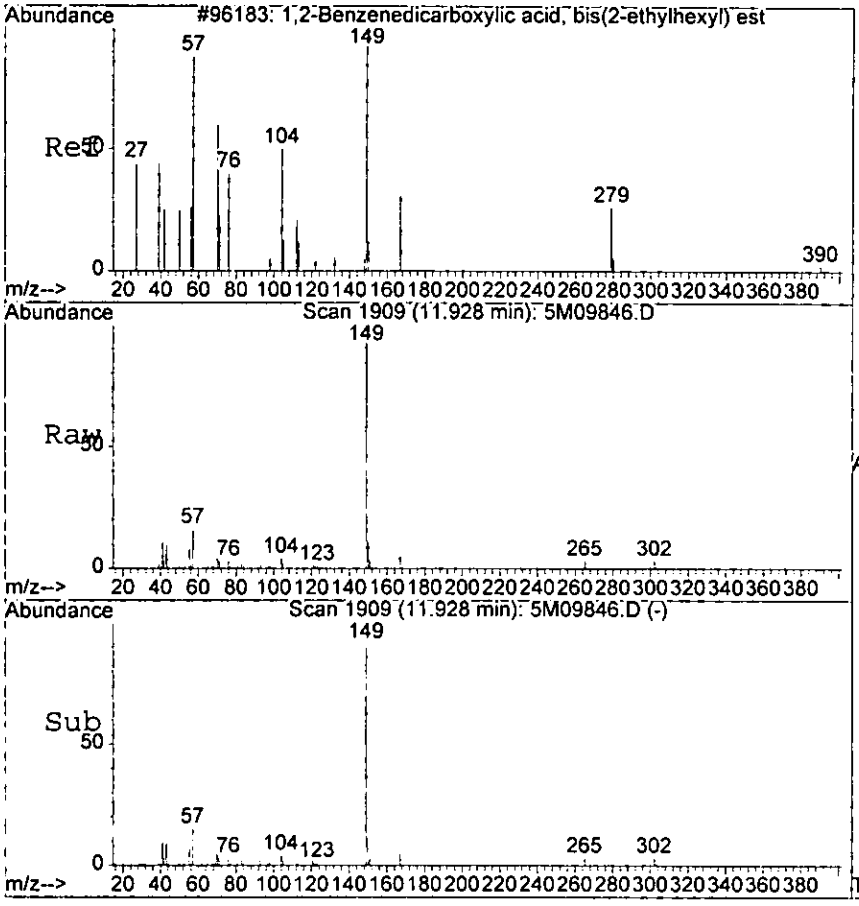


#74
Di-n-butylphthalate
Concen: 1.15 ng
RT: 9.49 min Scan# 1452
Delta R.T. -0.20 min
Lab File: 5M09846.D
Acq: 8 Aug 2005 13:44

Tgt Ion:149 Resp: 3991

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	49.0
104	4.1	0.0	45.3

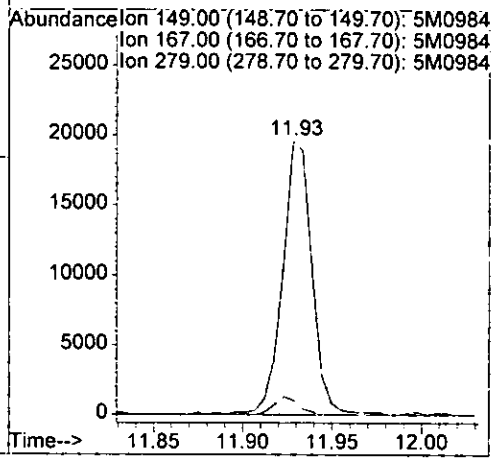


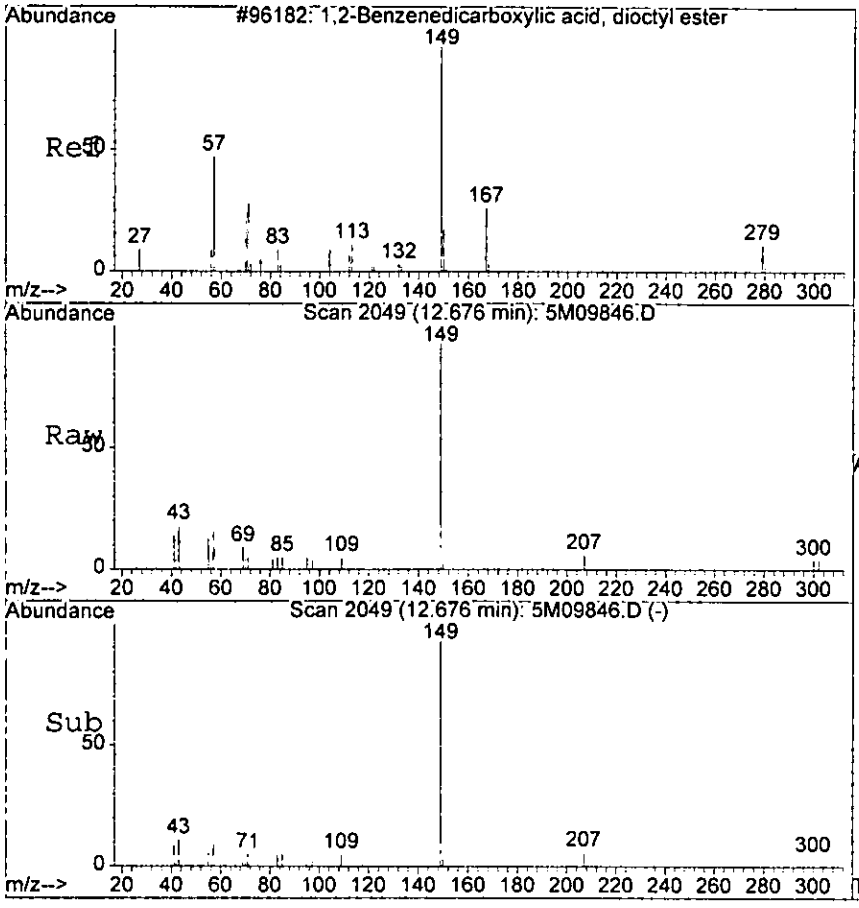


#87
bis(2-Ethylhexyl)phthalate
Concen: 12.88 ng
RT: 11.93 min Scan# 1909
Delta R.T. -0.20 min
Lab File: 5M09846.D
Acq: 8 Aug 2005 13:44

Tgt Ion:149 Resp: 22496

Ion	Ratio	Lower	Upper
149	100		
167	5.3	2.4	58.4
279	0.0	0.0	44.1

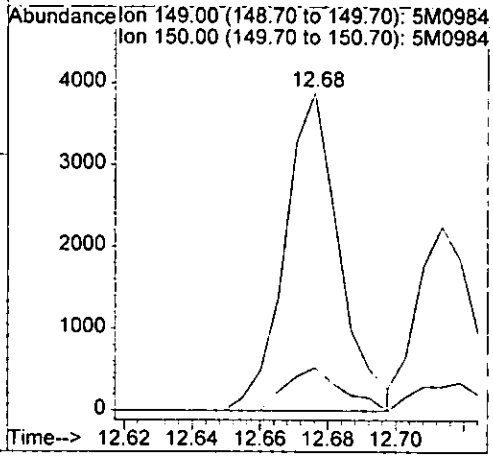




#89
Di-n-octylphthalate
Concen: 1.39 ng
RT: 12.68 min Scan# 2049
Delta R.T. -0.20 min
Lab File: 5M09846.D
Acq: 8 Aug 2005 13:44

Tgt Ion:149 Resp: 4309

Ion	Ratio	Lower	Upper
149	100		
150	13.5	0.0	49.4



000220

Form1

ORGANICS SEMIVOLATILE REPORT

T27,000

Sample Number: AC18778-024
Client Id: PCSB-38(9.5')
Data File: 4M05432.D
Analysis Date: 08/08/05 09:24
Date Rec/Extracted: 07/27/05-08/07/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 57

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.016	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.017**	**0.29**
95-50-1	1,2-Dichlorobenzene	0.027	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.011**	**0.18**
122-66-7	1,2-Diphenylhydrazine	0.017	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.019**	**0.088**
541-73-1	1,3-Dichlorobenzene	0.025	U	111-91-1	bis(2-Chloroethoxy)methan	0.013	U
106-46-7	1,4-Dichlorobenzene	0.030	U	111-44-4	bis(2-Chloroethyl)ether	0.031	U
95-95-4	2,4,5-Trichlorophenol	0.79	U	108-60-1	bis(2-chloroisopropyl)ether	0.019	U
88-06-2	2,4,6-Trichlorophenol	1.4	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.053**	**0.10**
120-83-2	2,4-Dichlorophenol	0.095	U	85-68-7	Butylbenzylphthalate	0.023	U
105-67-9	2,4-Dimethylphenol	0.081	U	86-74-8	Carbazole	0.017	U
51-28-5	2,4-Dinitrophenol	0.40	U	**218-01-9**	**Chrysene**	**0.012**	**0.28**
121-14-2	2,4-Dinitrotoluene	0.022	U	**84-74-2**	**Di-n-butylphthalate**	**0.013**	**0.092**
606-20-2	2,6-Dinitrotoluene	0.024	U	117-84-0	Di-n-octylphthalate	0.014	U
91-58-7	2-Chloronaphthalene	0.016	U	53-70-3	Dibenzo[a,h]anthracene	0.020	U
95-57-8	2-Chlorophenol	0.12	U	**132-64-9**	**Dibenzofuran**	**0.074**	**0.065 J**
91-57-6	**2-Methylnaphthalene**	**0.075**	**0.072 J**	84-66-2	Diethylphthalate	0.016	U
95-48-7	2-Methylphenol	0.28	U	131-11-3	Dimethylphthalate	0.013	U
88-74-4	2-Nitroaniline	0.041	U	**206-44-0**	**Fluoranthene**	**0.017**	**0.40**
88-75-5	2-Nitrophenol	0.068	U	**86-73-7**	**Fluorene**	**0.015**	**0.095**
106-44-5	3&4-Methylphenol	0.31	U	118-74-1	Hexachlorobenzene	0.027	U
91-94-1	3,3'-Dichlorobenzidine	0.13	U	87-68-3	Hexachlorobutadiene	0.025	U
99-09-2	3-Nitroaniline	0.24	U	77-47-4	Hexachlorocyclopentadiene	0.16	U
534-52-1	4,6-Dinitro-2-methylphenol	0.11	U	67-72-1	Hexachloroethane	0.044	U
101-55-3	4-Bromophenyl-phenylether	0.022	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0081**	**0.17**
59-50-7	4-Chloro-3-methylphenol	0.15	U	78-59-1	Isophorone	0.018	U
106-47-8	4-Chloroaniline	0.45	U	621-64-7	N-Nitroso-di-n-propylamine	0.028	U
7005-72-3	4-Chlorophenyl-phenylether	0.027	U	62-75-9	N-Nitrosodimethylamine	0.69	U
100-01-6	4-Nitroaniline	0.14	U	86-30-6	n-Nitrosodiphenylamine	0.028	U
100-02-7	4-Nitrophenol	0.10	U	**91-20-3**	**Naphthalene**	**0.014**	**0.22**
83-32-9	Acenaphthene	0.024	U	98-95-3	Nitrobenzene	0.023	U
208-96-8	Acenaphthylene	0.014	U	87-86-5	Pentachlorophenol	0.072	U
120-12-7	**Anthracene**	**0.015**	**0.089**	**85-01-8**	**Phenanthrene**	**0.013**	**0.25**
92-87-5	Benzidine	0.13	U	108-95-2	Phenol	0.089	U
56-55-3	**Benzo[a]anthracene**	**0.010**	**0.21**	**129-00-0**	**Pyrene**	**0.014**	**0.39**
50-32-8	**Benzo[a]pyrene**	**0.013**	**0.18**				

Worksheet #: 18054

Total Target Concentration 3.171

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\4M05432.D Vial: 8
Acq On : 8 Aug 2005 9:24 Operator: AHD
Sample : AC18778-024 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:32 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	27195	40.00	ng	-0.04
19) Naphthalene-d8	5.90	136	87197	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	40377	40.00	ng	-0.05
59) Phenanthrene-d10	9.07	188	61613	40.00	ng	-0.06
72) Chrysene-d12	12.28	240	47887	40.00	ng	-0.05
81) Perylene-d12	14.13	264	37453	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.75	112	94661	123.40	ng	-0.04
Spiked Amount 200.000			Recovery = 61.70%			
7) Phenol-d5	4.62	99	121697	119.17	ng	-0.03
Spiked Amount 200.000			Recovery = 59.59%			
20) Nitrobenzene-d5	5.34	128	26955	61.75	ng	-0.04
Spiked Amount 100.000			Recovery = 61.75%			
40) 2-Fluorobiphenyl	6.82	172	90562	69.99	ng	-0.05
Spiked Amount 100.000			Recovery = 69.99%			
62) 2,4,6-Tribromophenol	8.30	332	44808	162.48	ng	-0.05
Spiked Amount 200.000			Recovery = 81.24%			
75) Terphenyl-d14	10.98	244	84874	62.91	ng	-0.04
Spiked Amount 100.000			Recovery = 62.91%			
Target Compounds						Qvalue
29) Naphthalene	5.92	128	7130	3.72	ng	71
33) 2-Methylnaphthalene	6.49	142	1652	1.23	ng	89
52) Dibenzofuran	7.68	168	1660	1.11	ng	99
55) Fluorene	8.04	166	1794	1.63	ng	84
67) Phenanthrene	9.10	178	6442	4.19	ng	99
68) Anthracene	9.16	178	2390	1.53	ng	59
70) Di-n-butylphthalate	9.81	149	3320	1.58	ng	77
71) Fluoranthene	10.50	202	10995	6.87	ng	94
73) Pyrene	10.76	202	12422	6.74	ng	94
78) Benzo[a]anthracene	12.26	228	5288	3.52	ng	93
79) Chrysene	12.31	228	6381	4.75	ng	81
80) bis(2-Ethylhexyl)phthalate	12.40	149	2036	1.74	ng	54
83) Benzo[b]fluoranthene	13.66	252	7860m	5.04	ng	
84) Benzo[k]fluoranthene	13.69	252	2038m	1.51	ng	
85) Benzo[a]pyrene	14.06	252	3839	3.00	ng	88
86) Indeno[1,2,3-cd]pyrene	15.37	276	3306	2.85	ng	79
88) Benzo[g,h,i]perylene	15.65	276	2855	3.08	ng	78

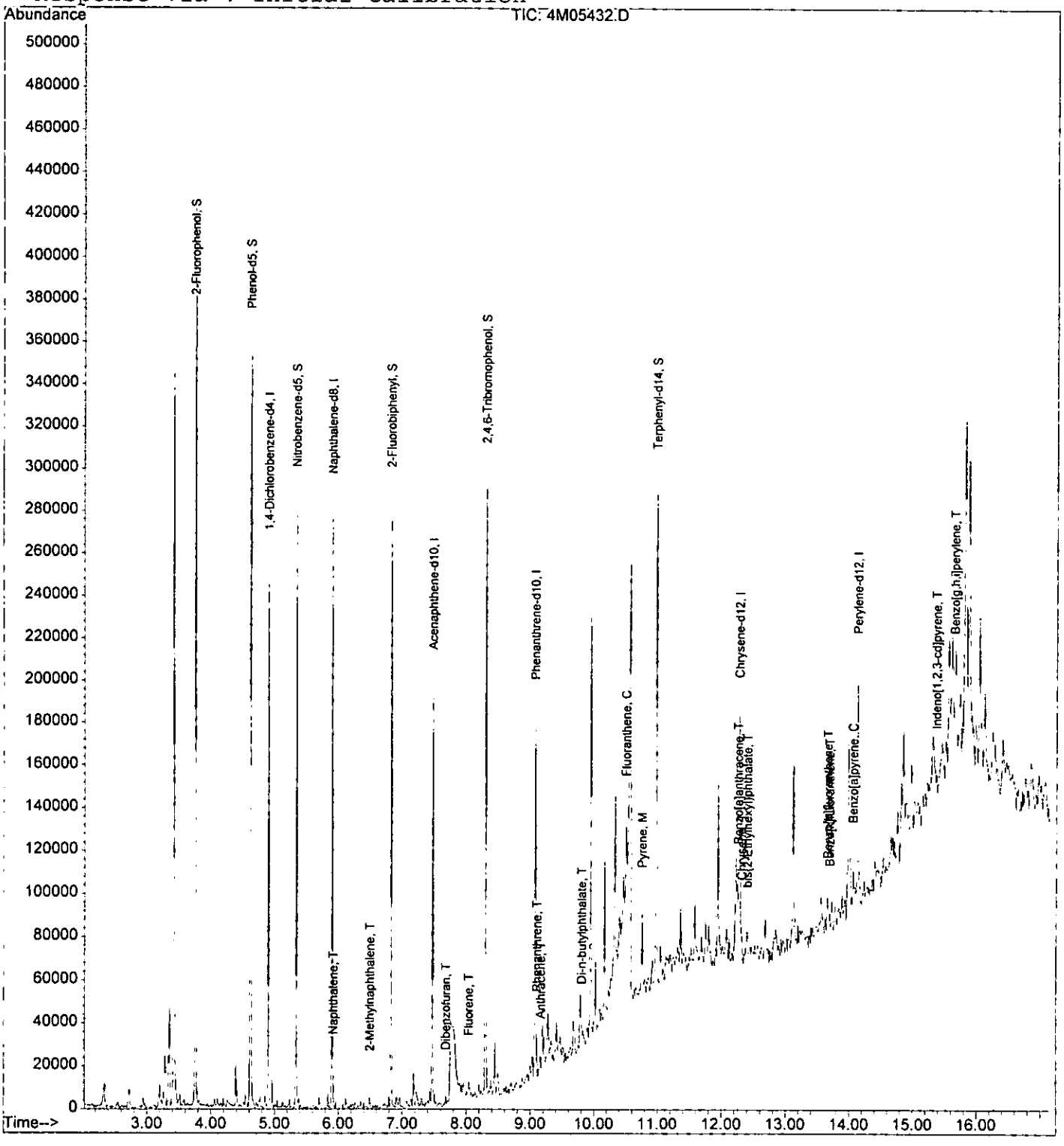
8/10/

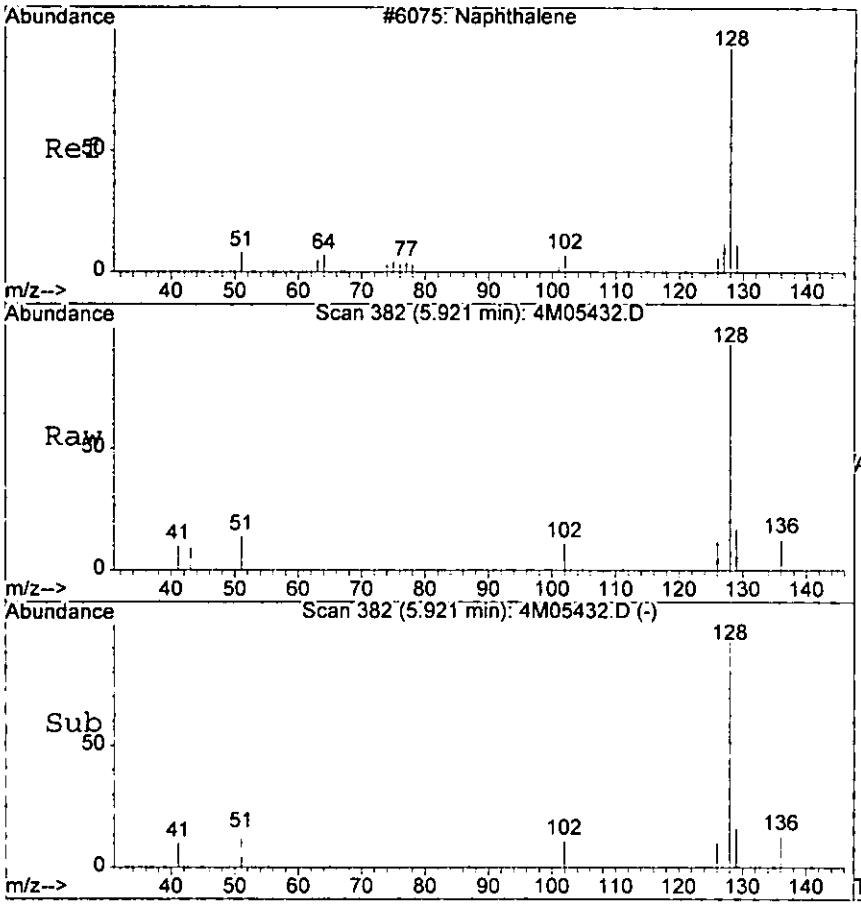
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05432.D Vial: 8
Acq On : 8 Aug 2005 9:24 Operator: AHD
Sample : AC18778-024 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:32 2005 Quant Results File: 4M_0803.RES

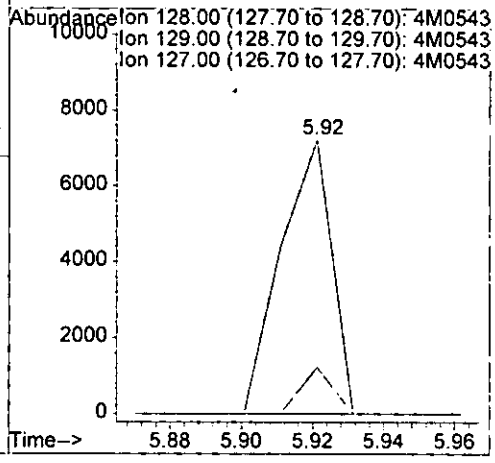
Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration



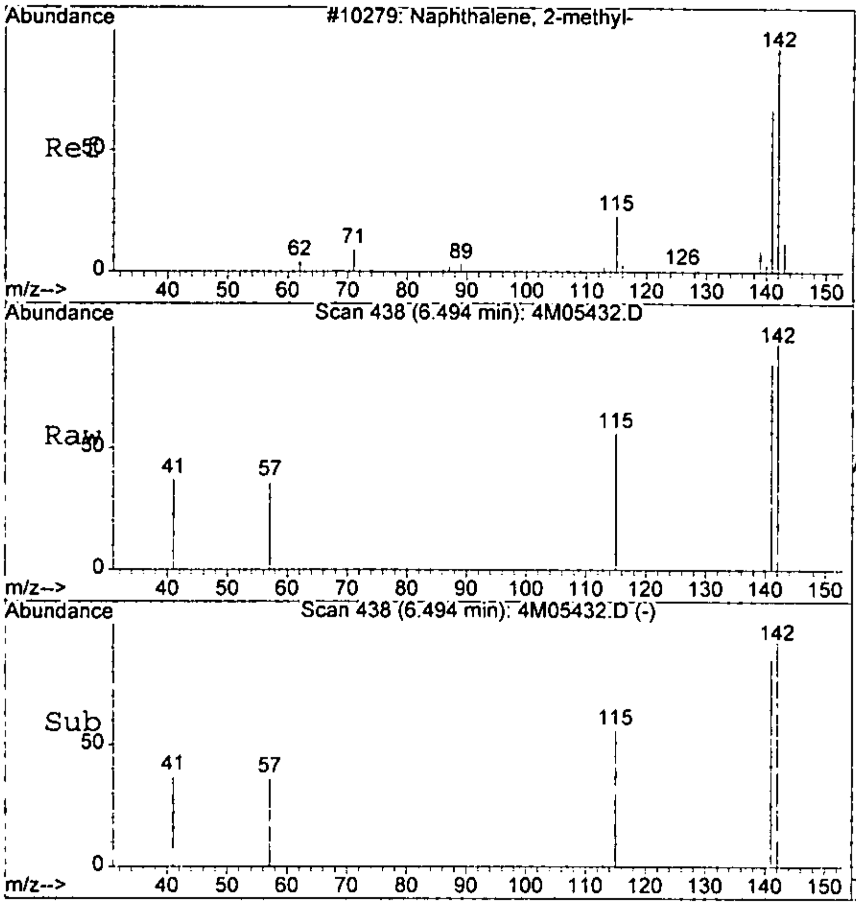


#29
Naphthalene
Concen: 3.72 ng
RT: 5.92 min Scan# 382
Delta R.T. -0.04 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:128	Resp:	7130	
Ion	Ratio	Lower	Upper
128	100		
129	17.0	0.0	51.8
127	0.0	0.0	57.0

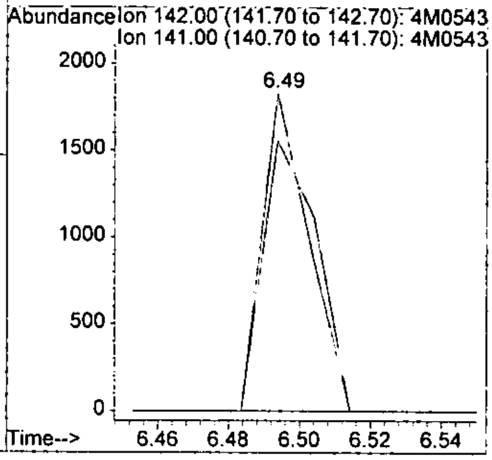


000774

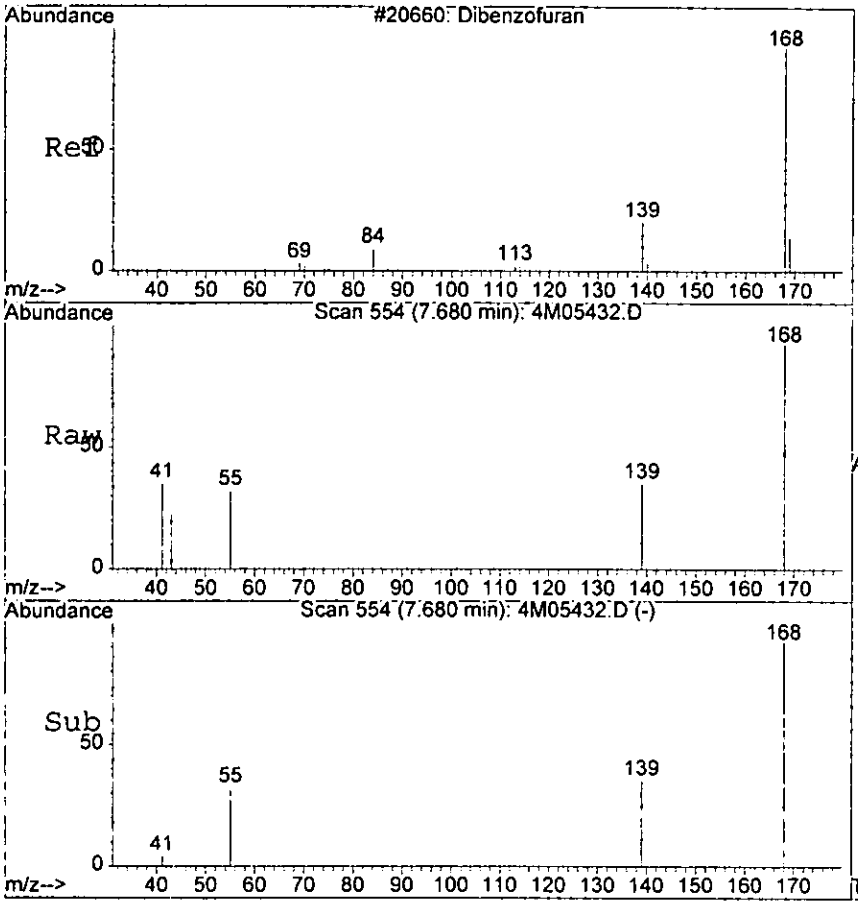


#33
2-Methylnaphthalene
Concen: 1.23 ng
RT: 6.49 min Scan# 438
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:142		Resp:	1652
Ion	Ratio	Lower	Upper
142	100		
141	85.2	55.7	135.7



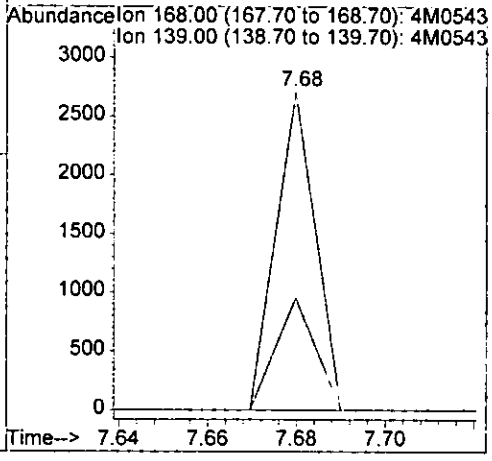
000775



#52
Dibenzofuran
Concen: 1.11 ng
RT: 7.68 min Scan# 554
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:168 Resp: 1660

Ion	Ratio	Lower	Upper
168	100		
139	35.3	6.0	66.0



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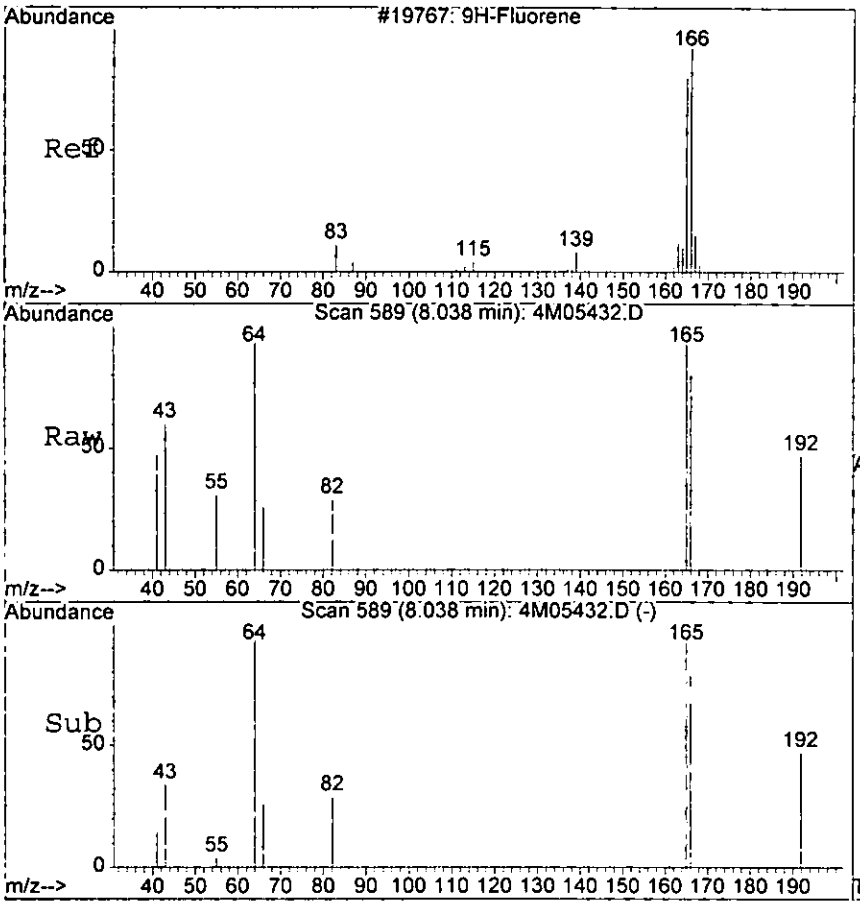
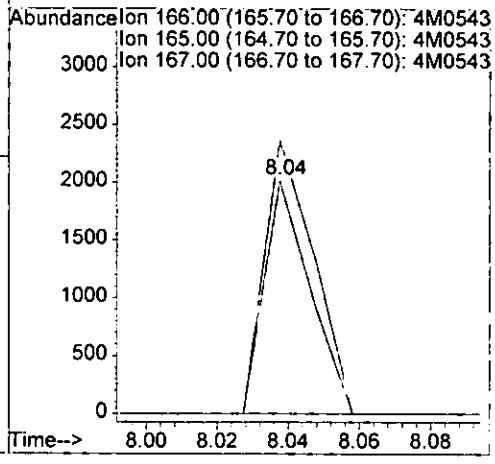


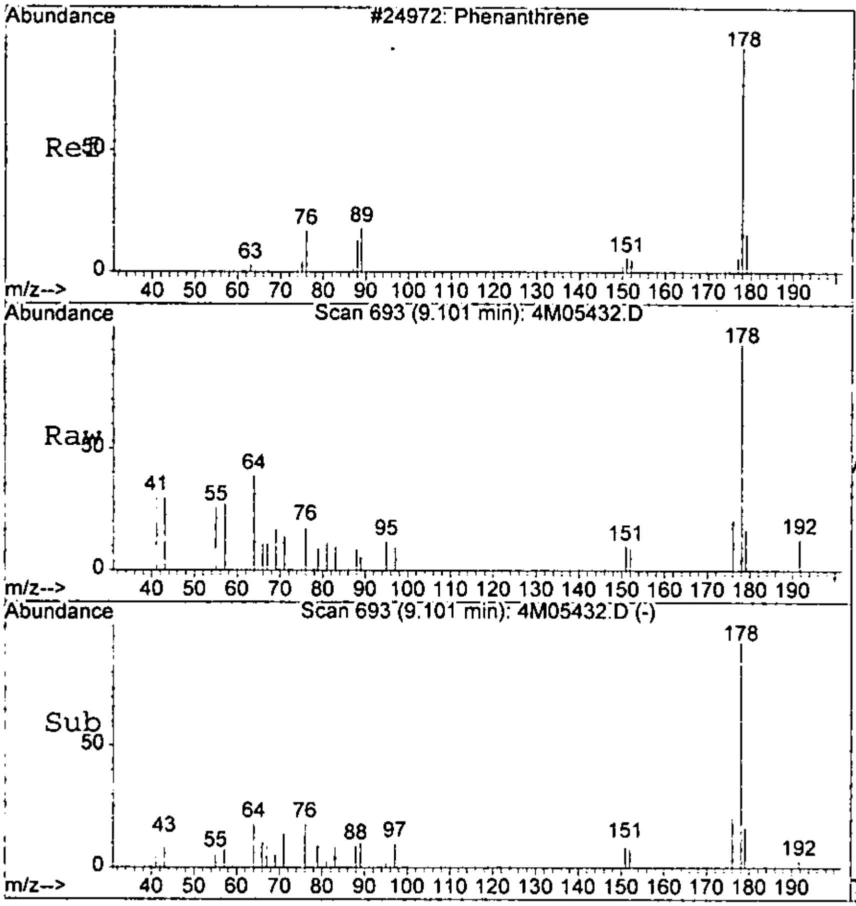
#55
Fluorene
Concen: 1.63 ng
RT: 8.04 min Scan# 589
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:166 Resp: 1794

Ion	Ratio	Lower	Upper
166	100		
165	117.2	63.3	143.3
167	0.0	0.0	54.6



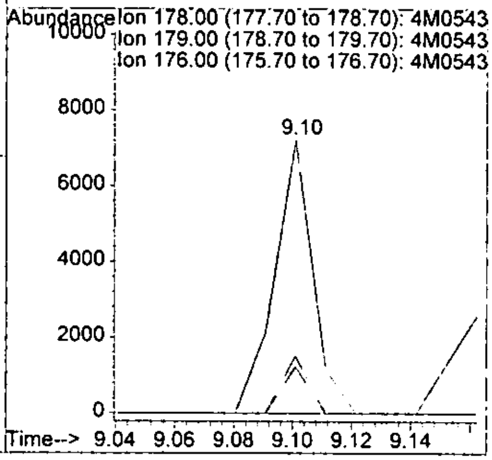
KHDT



#67
Phenanthrene
Concen: 4.19 ng
RT: 9.10 min Scan# 693
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:178 Resp: 6442

Ion	Ratio	Lower	Upper
178	100		
179	16.9	0.0	56.6
176	20.9	0.0	60.5



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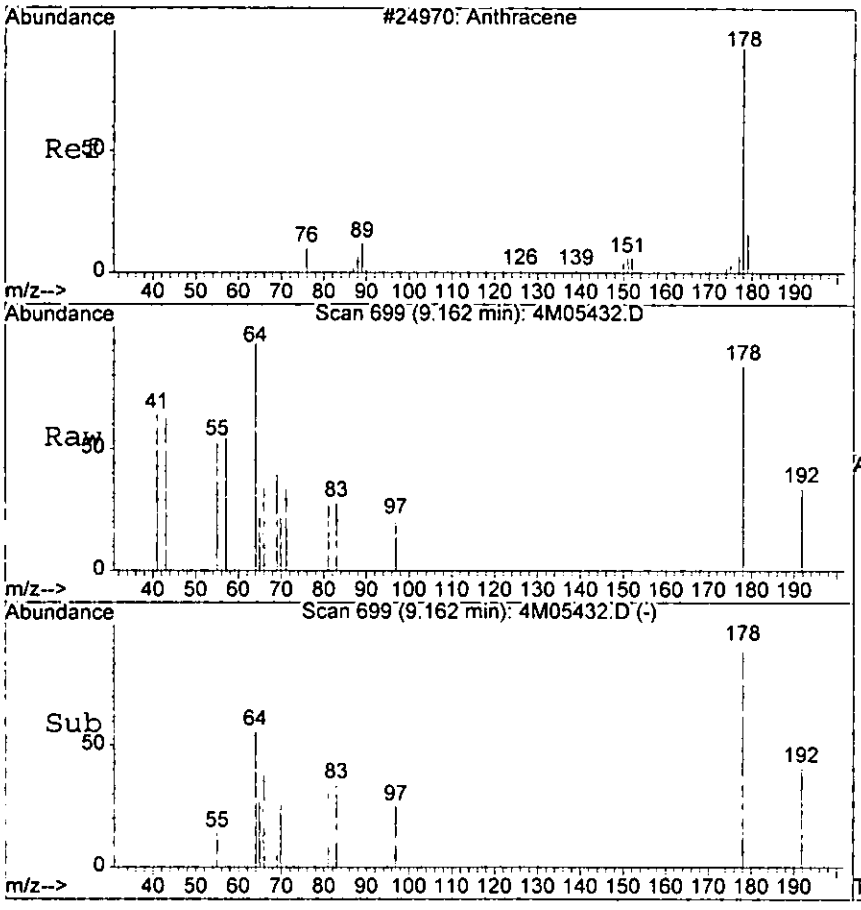
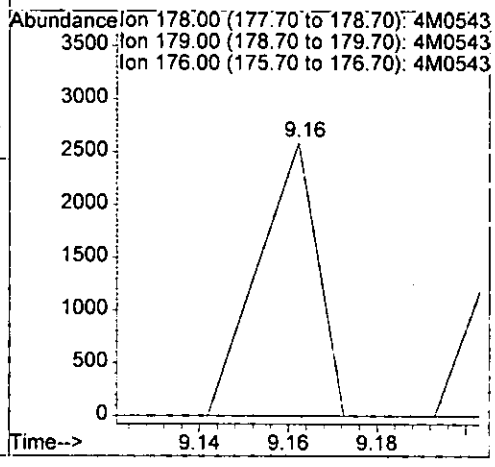


#68
Anthracene
Concen: 1.53 ng
RT: 9.16 min Scan# 699
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:178 Resp: 2390

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



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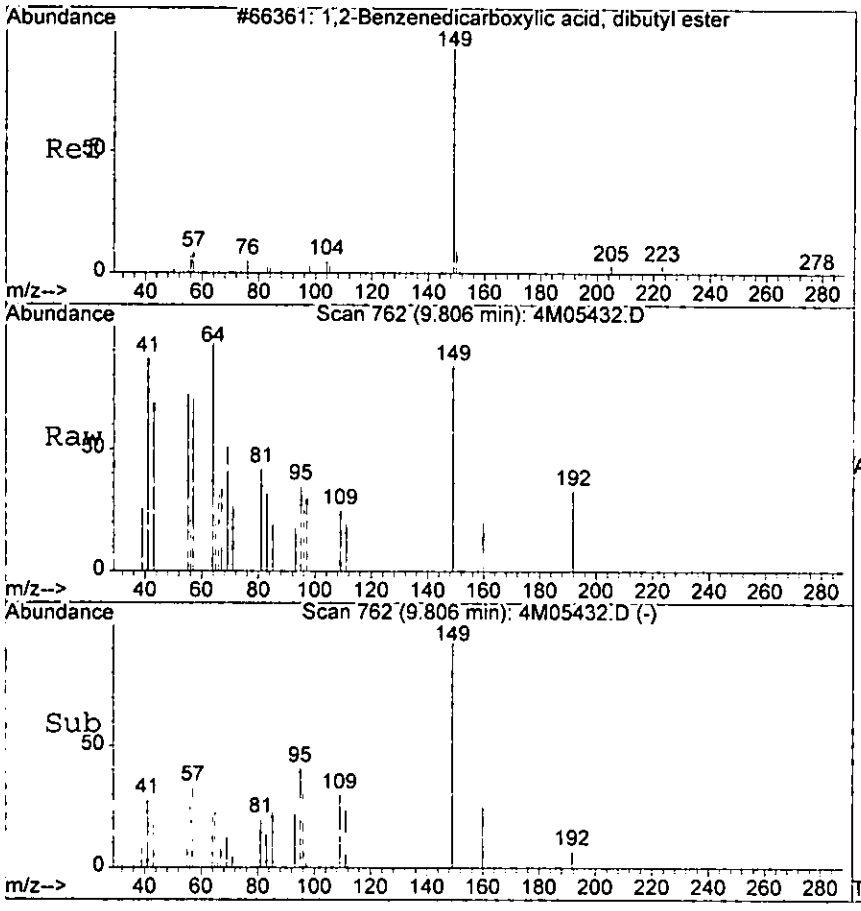
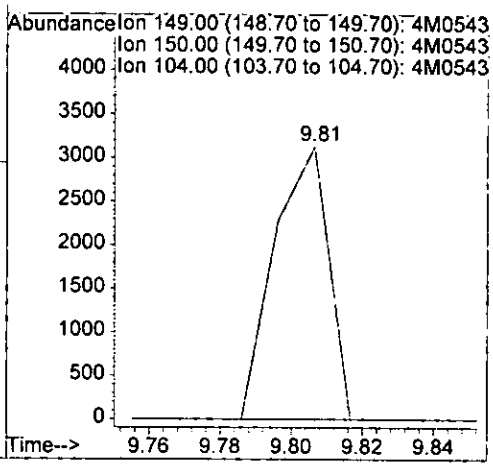


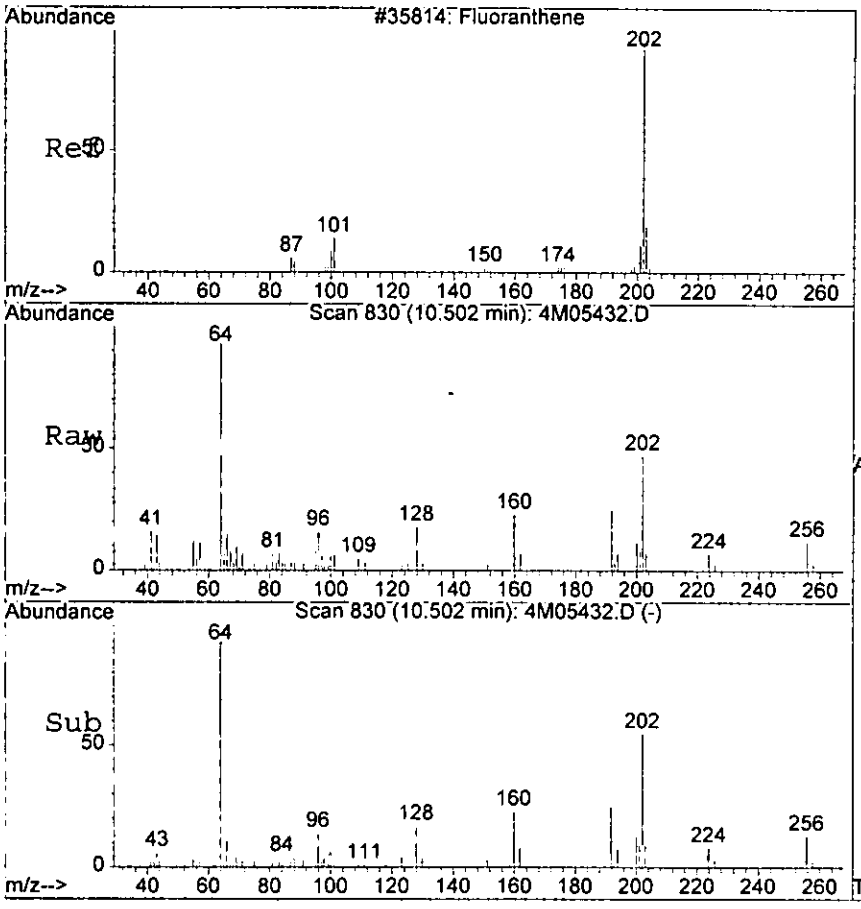
#70
Di-n-butylphthalate
Concen: 1.58 ng
RT: 9.81 min Scan# 762
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:149 Resp: 3320

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



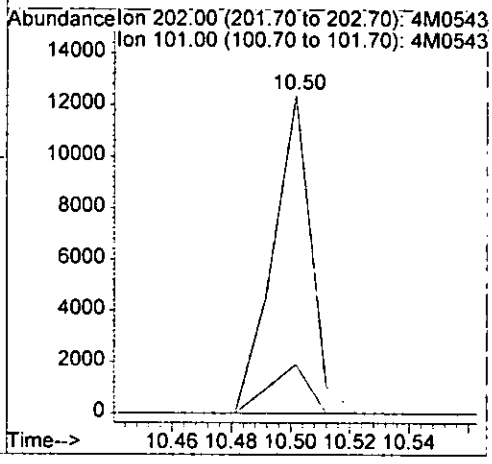
000730



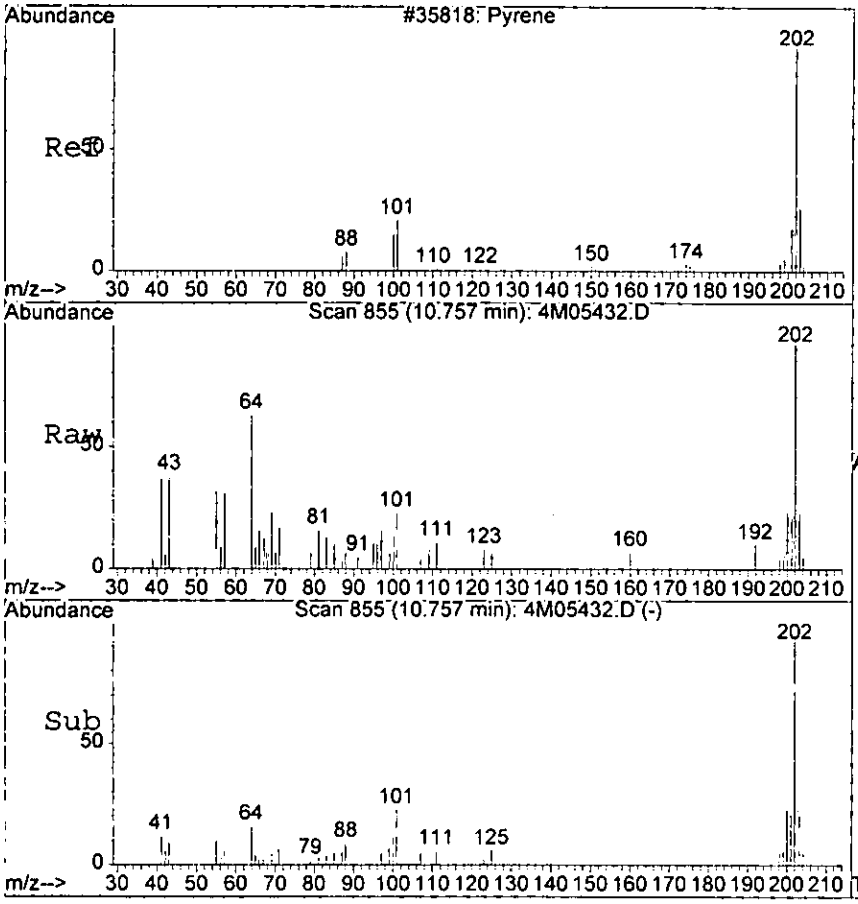
#71
Fluoranthene
Concen: 6.87 ng
RT: 10.50 min Scan# 830
Delta R.T. -0.04 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:202 Resp: 10995

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	58.3

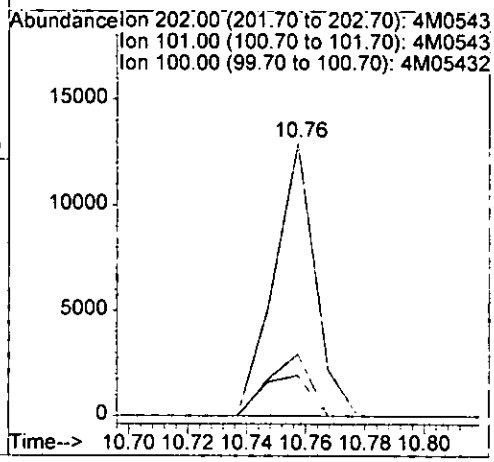


000781

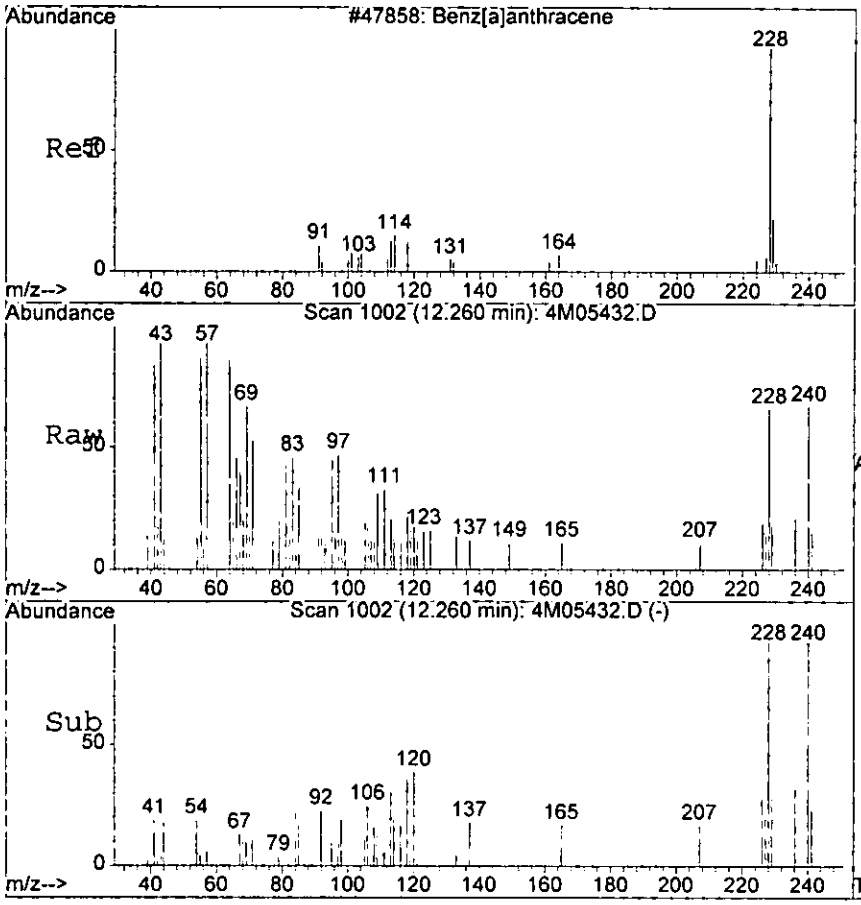


#73
Pyrene
Concen: 6.74 ng
RT: 10.76 min Scan# 855
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:202	Resp:	12422	
Ion	Ratio	Lower	Upper
202	100		
101	22.7	0.0	62.7
100	15.0	0.0	60.5

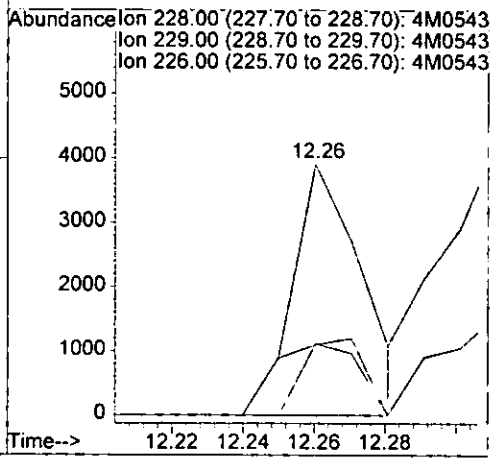


000782

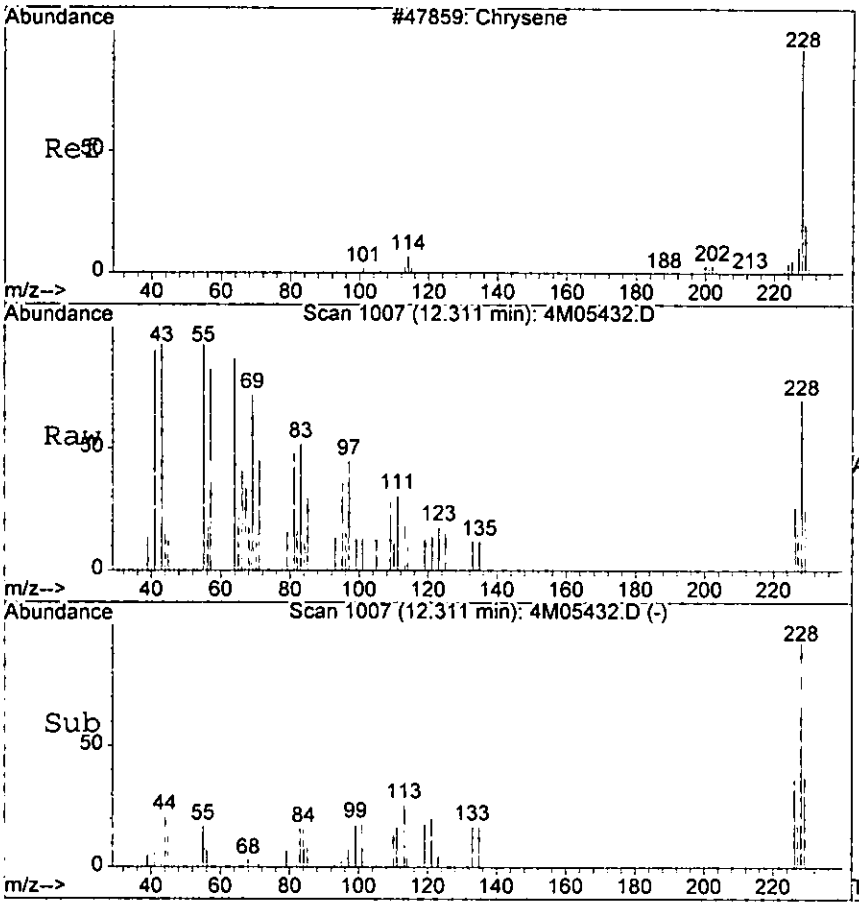


#78
Benzo[a]anthracene
Concen: 3.52 ng
RT: 12.26 min Scan# 1002
Delta R.T. -0.06 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:228	Resp:	5288	
Ion	Ratio	Lower	Upper
228	100		
229	28.1	0.0	60.5
226	28.5	0.0	69.0



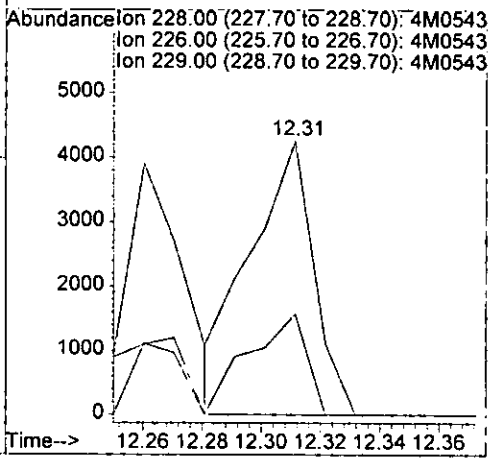
L810



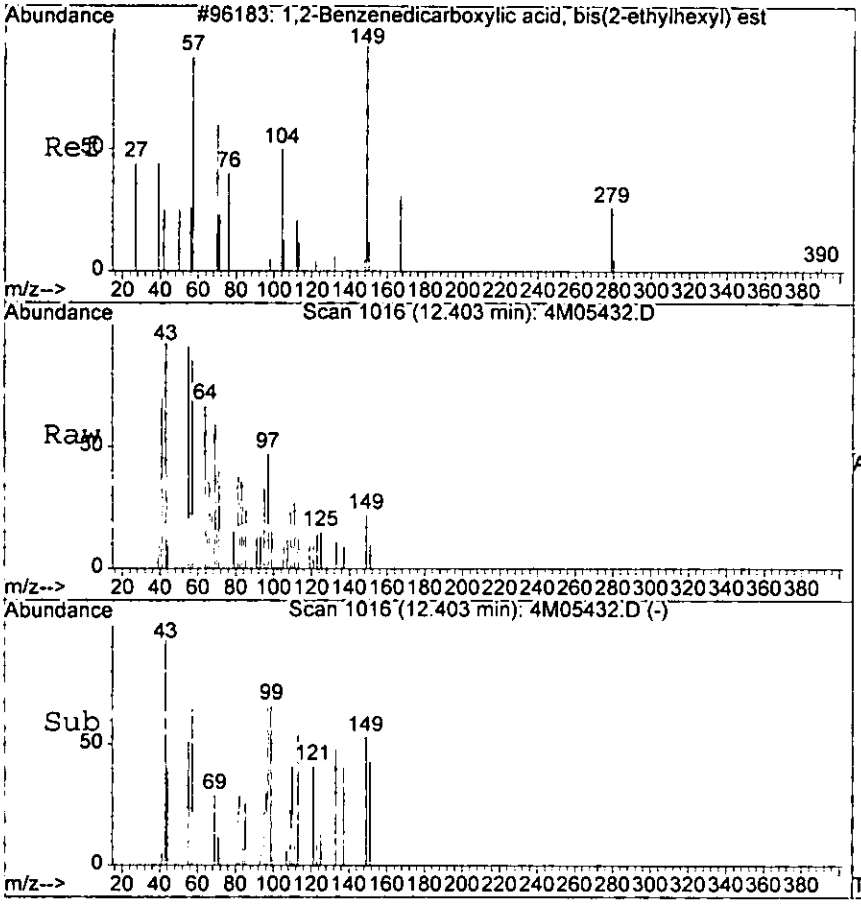
#79
Chrysene
Concen: 4.75 ng
RT: 12.31 min Scan# 1007
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:228 Resp: 6381

Ion	Ratio	Lower	Upper
228	100		
226	37.3	12.0	52.0
229	36.7	0.0	61.1



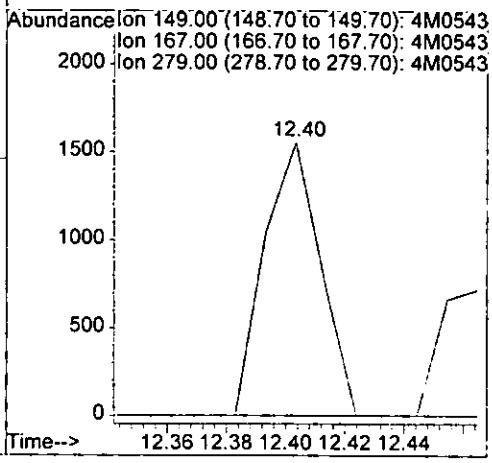
L805



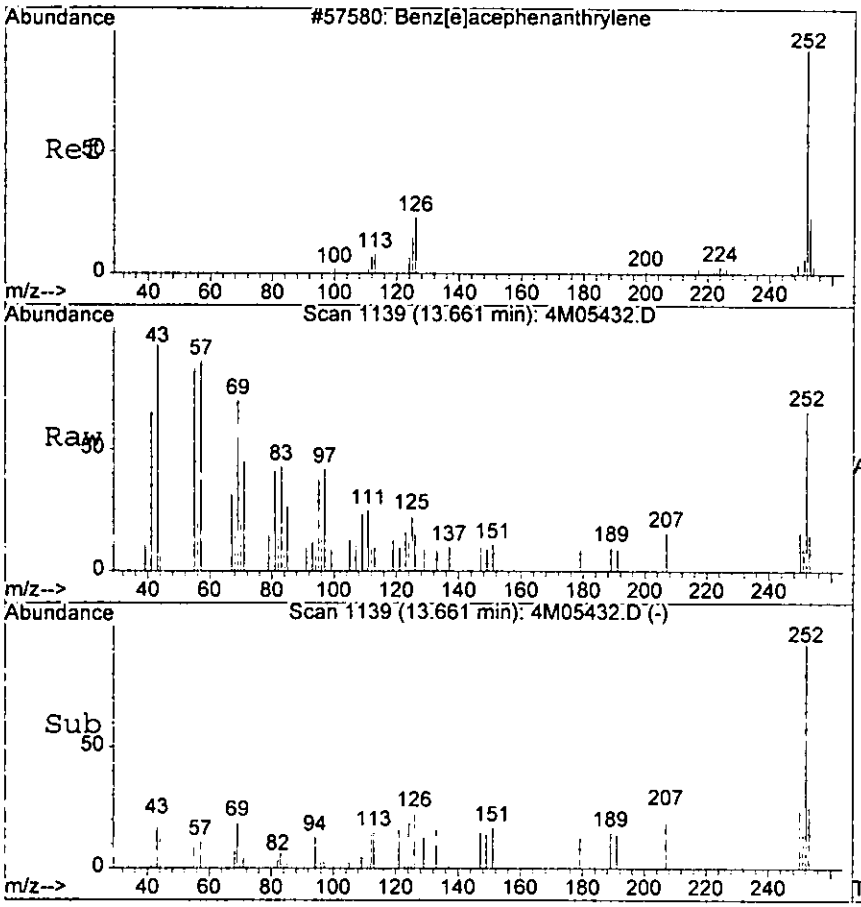
#80
bis(2-Ethylhexyl)phthalate
Concen: 1.74 ng
RT: 12.40 min Scan# 1016
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:149 Resp: 2036

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



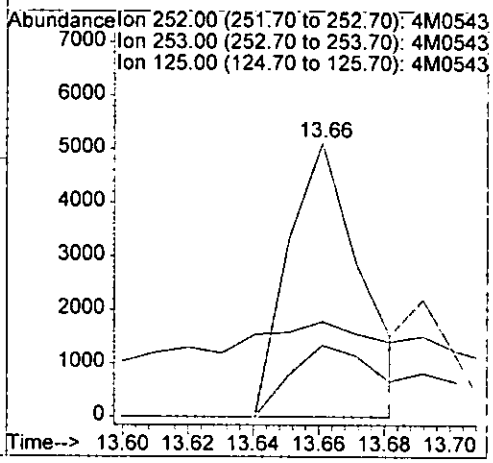
L810



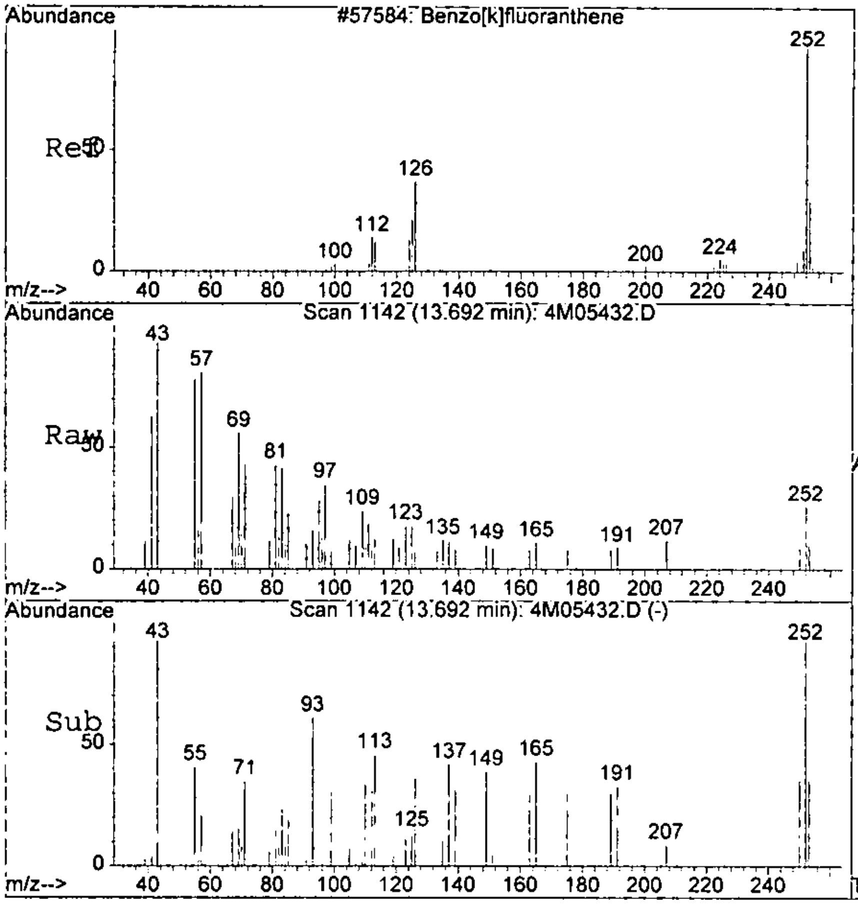
#83
Benzo[b]fluoranthene
Concen: 5.04 ng m
RT: 13.66 min Scan# 1139
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:252 Resp: 7860

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	63.3
125	34.7	0.0	57.6



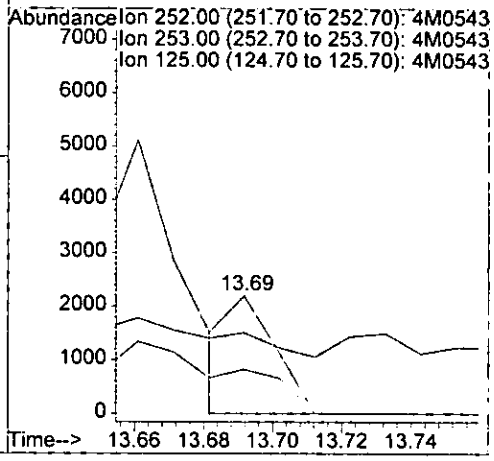
000730



#84
Benzo[k]fluoranthene
Concen: 1.51 ng m
RT: 13.69 min Scan# 1142
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

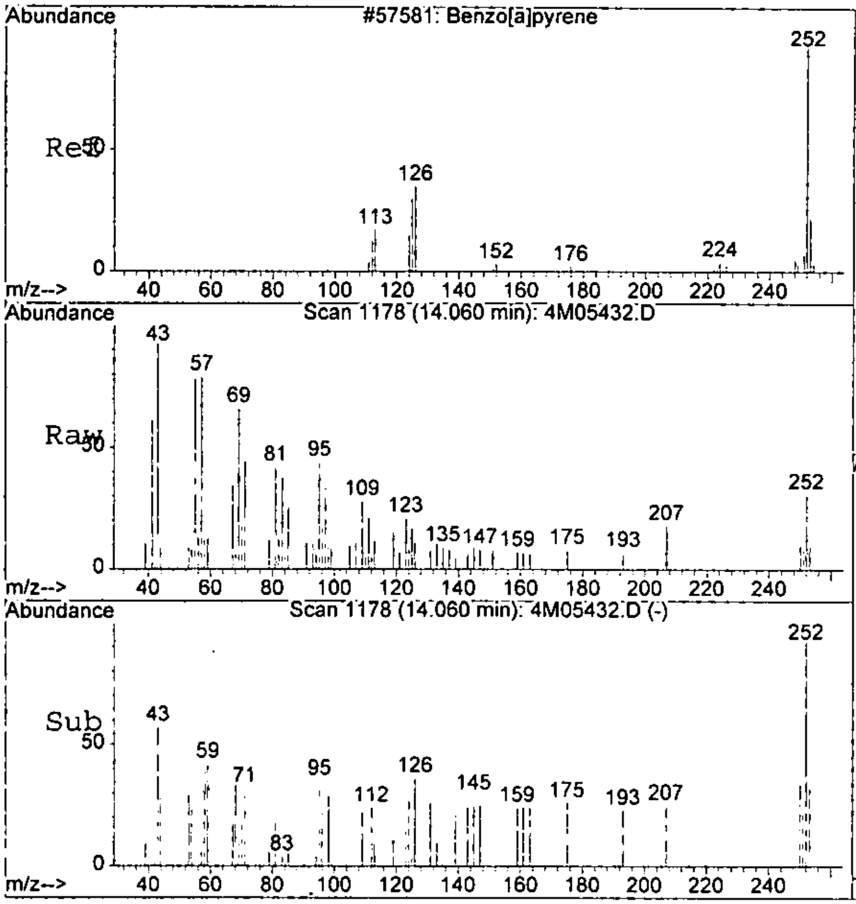
Tgt Ion:252 Resp: 2038

Ion	Ratio	Lower	Upper
252	100		
253	37.4	0.0	63.5
125	68.8	0.0	53.8#



L820 ✓

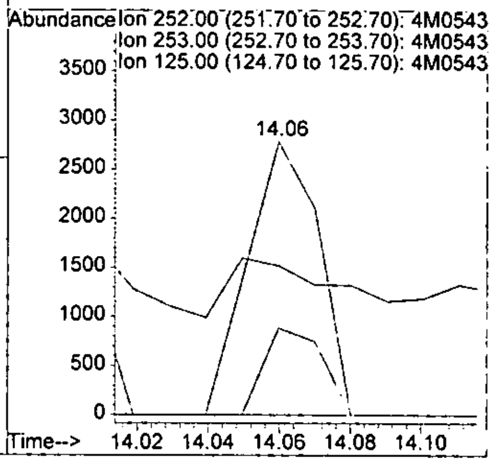
000787



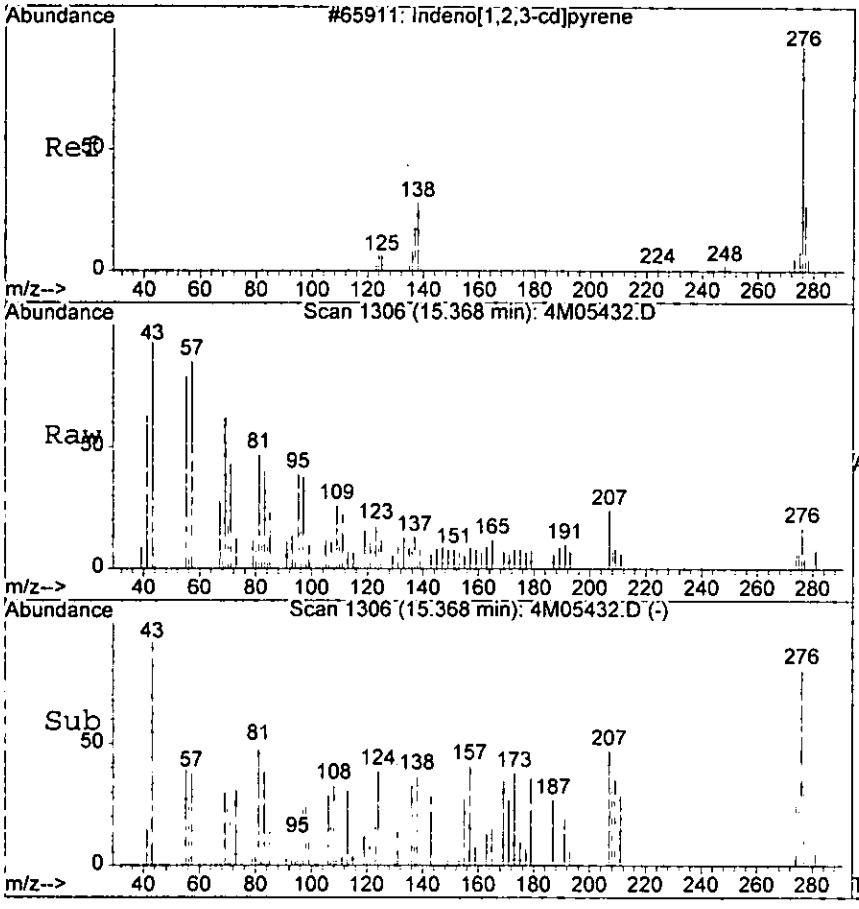
#85
Benzo[a]pyrene
Concen: 3.00 ng
RT: 14.06 min Scan# 1178
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:252 Resp: 3839

Ion	Ratio	Lower	Upper
252	100		
253	31.8	0.0	62.9
125	18.9	0.0	57.6



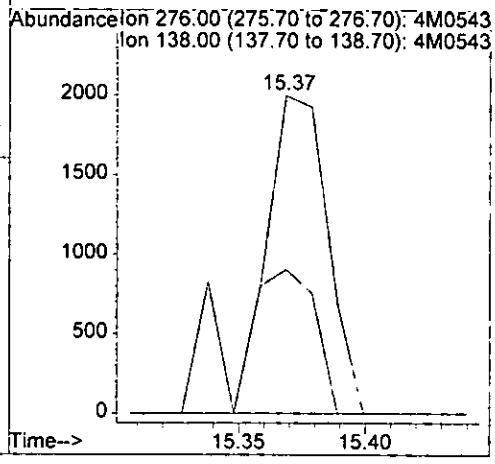
0007788



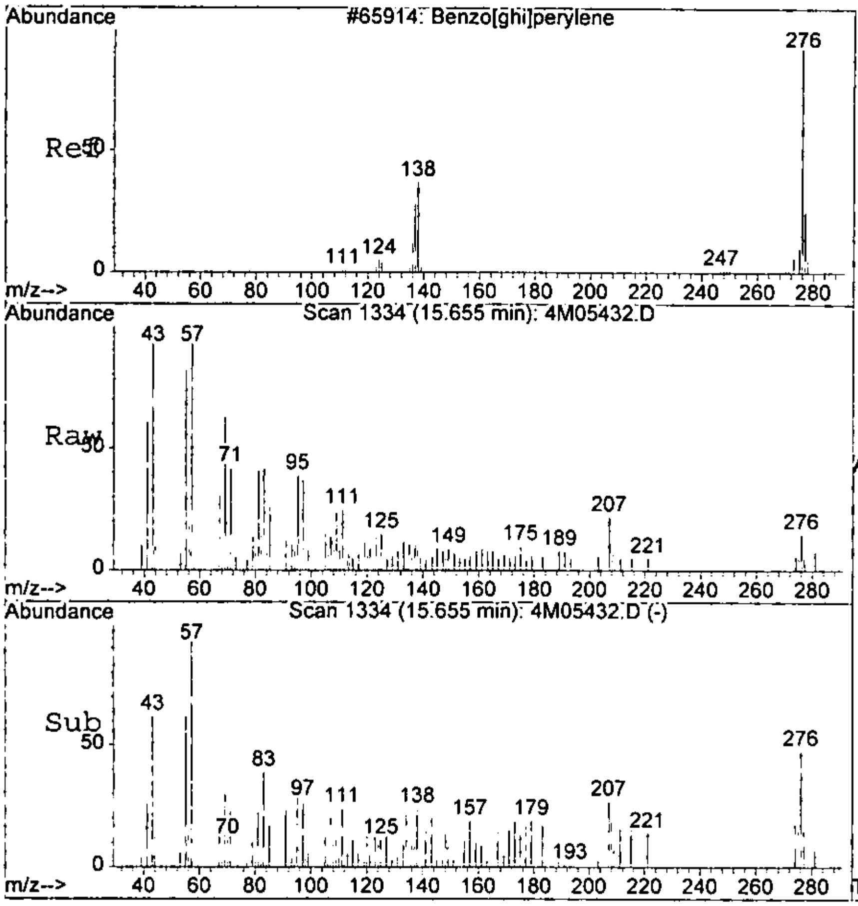
#86
Indeno[1,2,3-cd]pyrene
Concen: 2.85 ng
RT: 15.37 min Scan# 1306
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:276 Resp: 3306

Ion	Ratio	Lower	Upper
276	100		
138	45.3	0.0	73.4



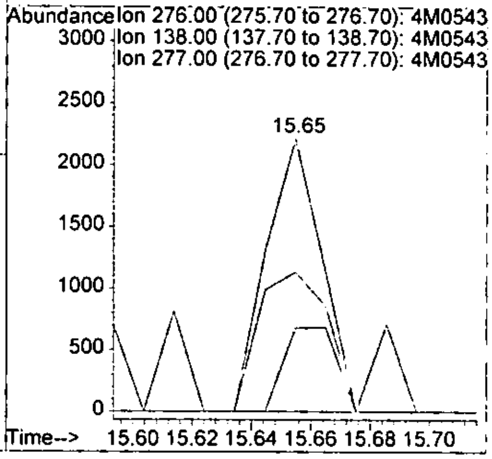
000789



#88
Benzo[g,h,i]perylene
Concen: 3.08 ng
RT: 15.65 min Scan# 1334
Delta R.T. -0.05 min
Lab File: 4M05432.D
Acq: 8 Aug 2005 9:24

Tgt Ion:276 Resp: 2855

Ion	Ratio	Lower	Upper
276	100		
138	51.2	0.0	74.1
277	30.6	0.0	65.0



000790

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*
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.

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

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

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

000796

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

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

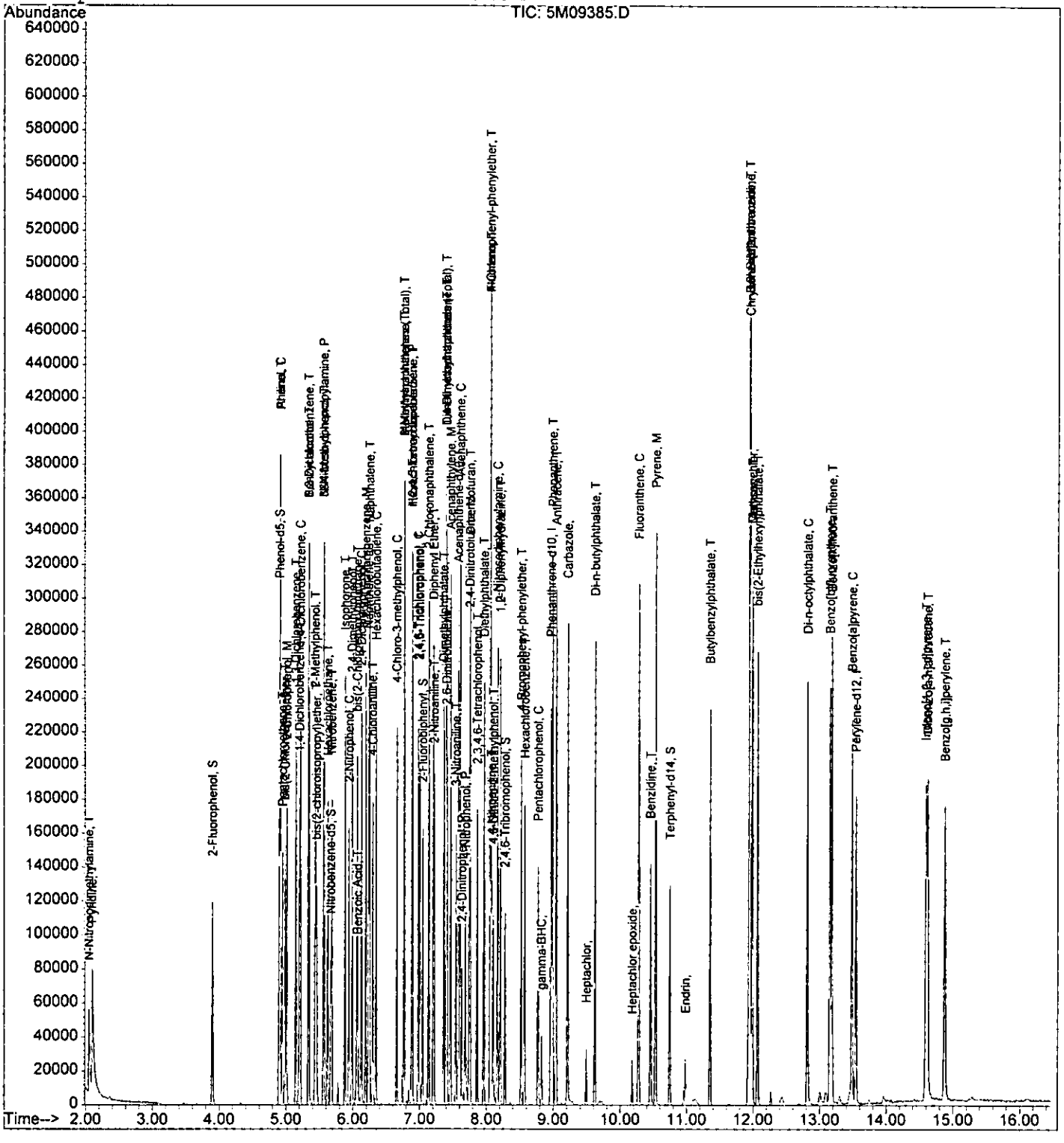
(#) = qualifier out of range (m) = manual integration

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

000798



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

GC0799

NRV

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

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

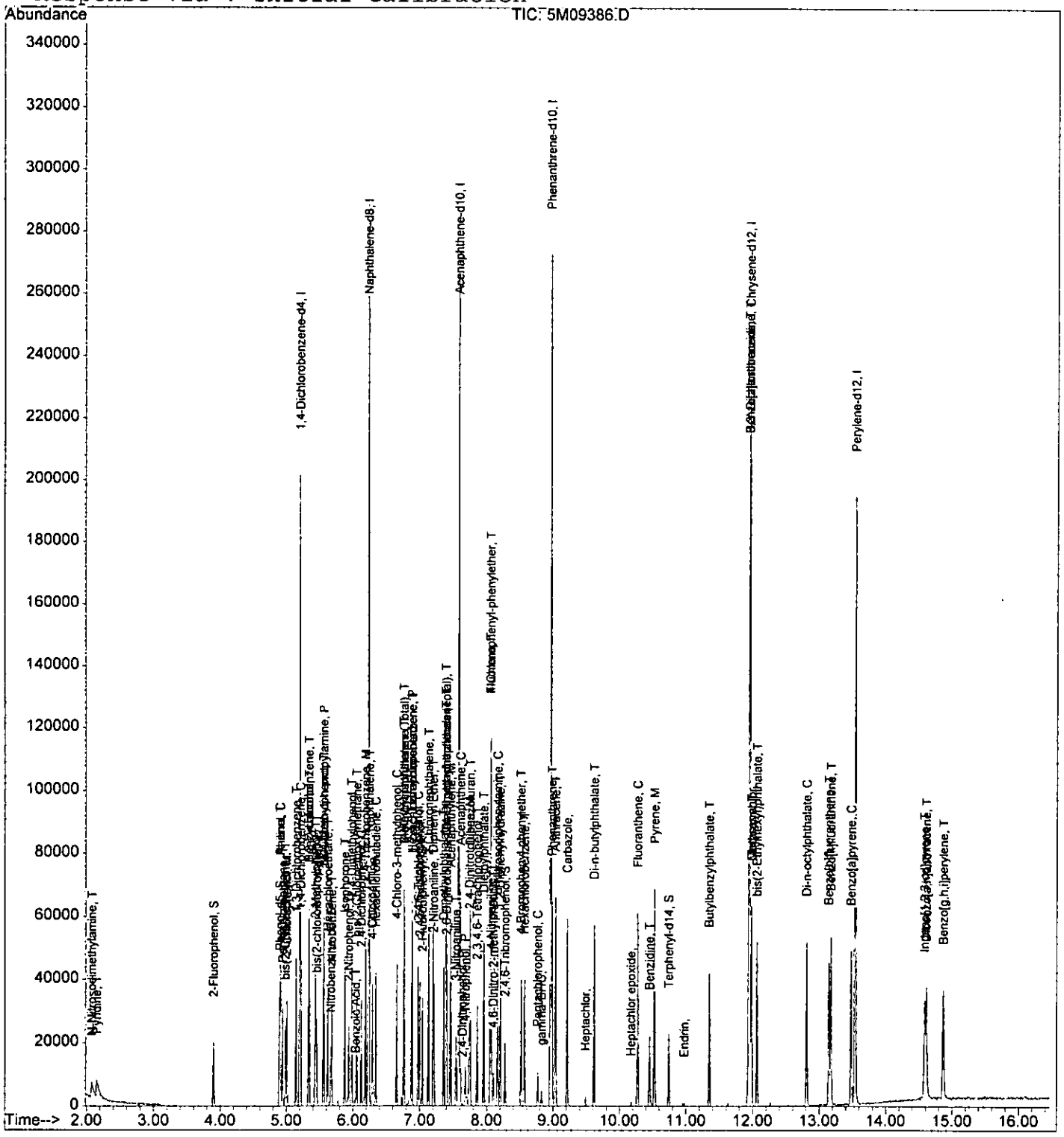
Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	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

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

KBD

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

	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

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

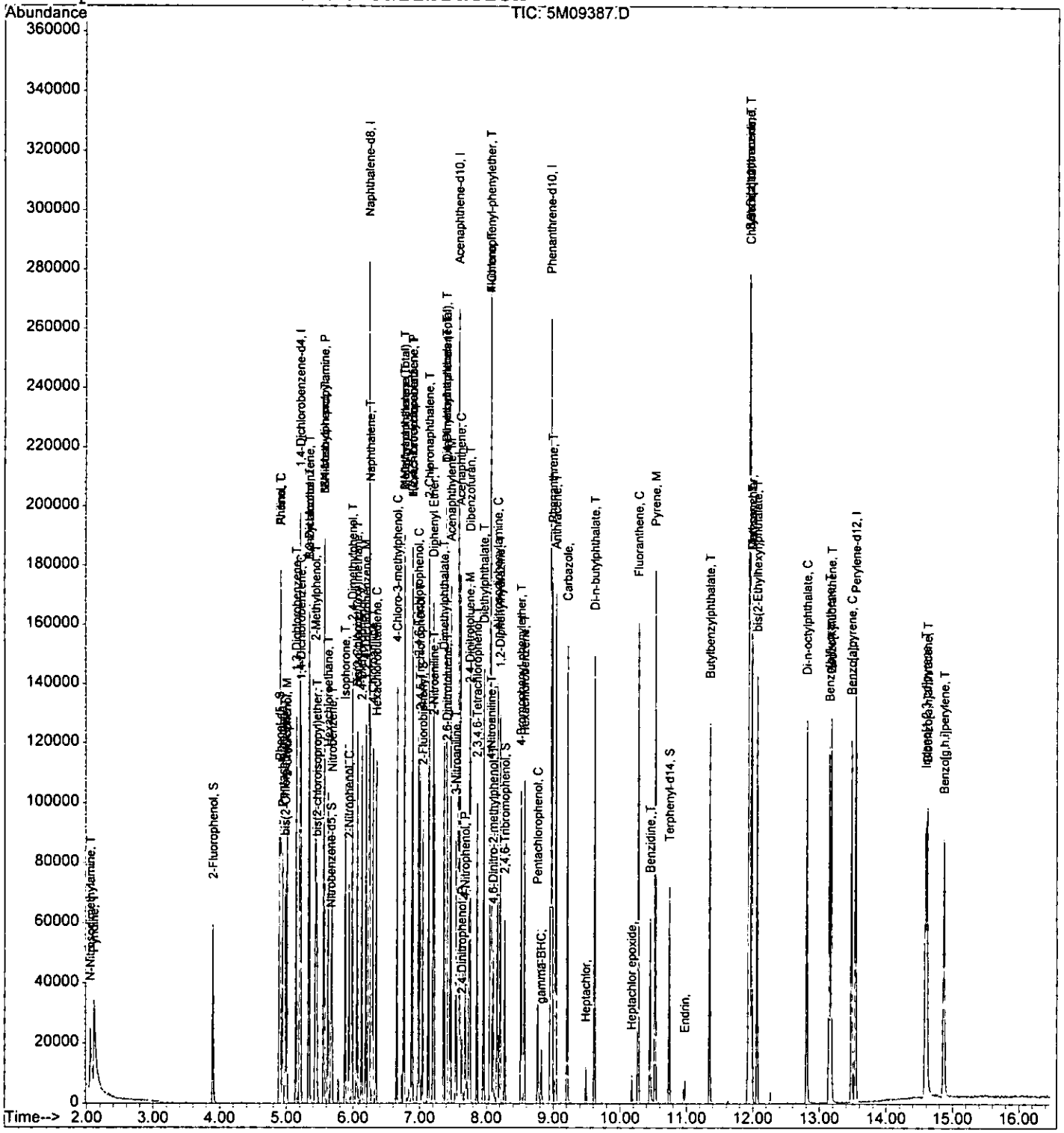
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Phenanthrene	8.98	178	68461	26.05 ng	98
71) Anthracene	9.04	178	70848	26.91 ng	99
72) Carbazole	9.21	167	61734	24.93 ng	99
73) Heptachlor	9.49	100	1653	4.68 ng	93
74) Di-n-butylphthalate	9.61	149	75717	25.33 ng	99
75) Heptachlor epoxide	10.17	81	1273	5.28 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

N80

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

000808

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

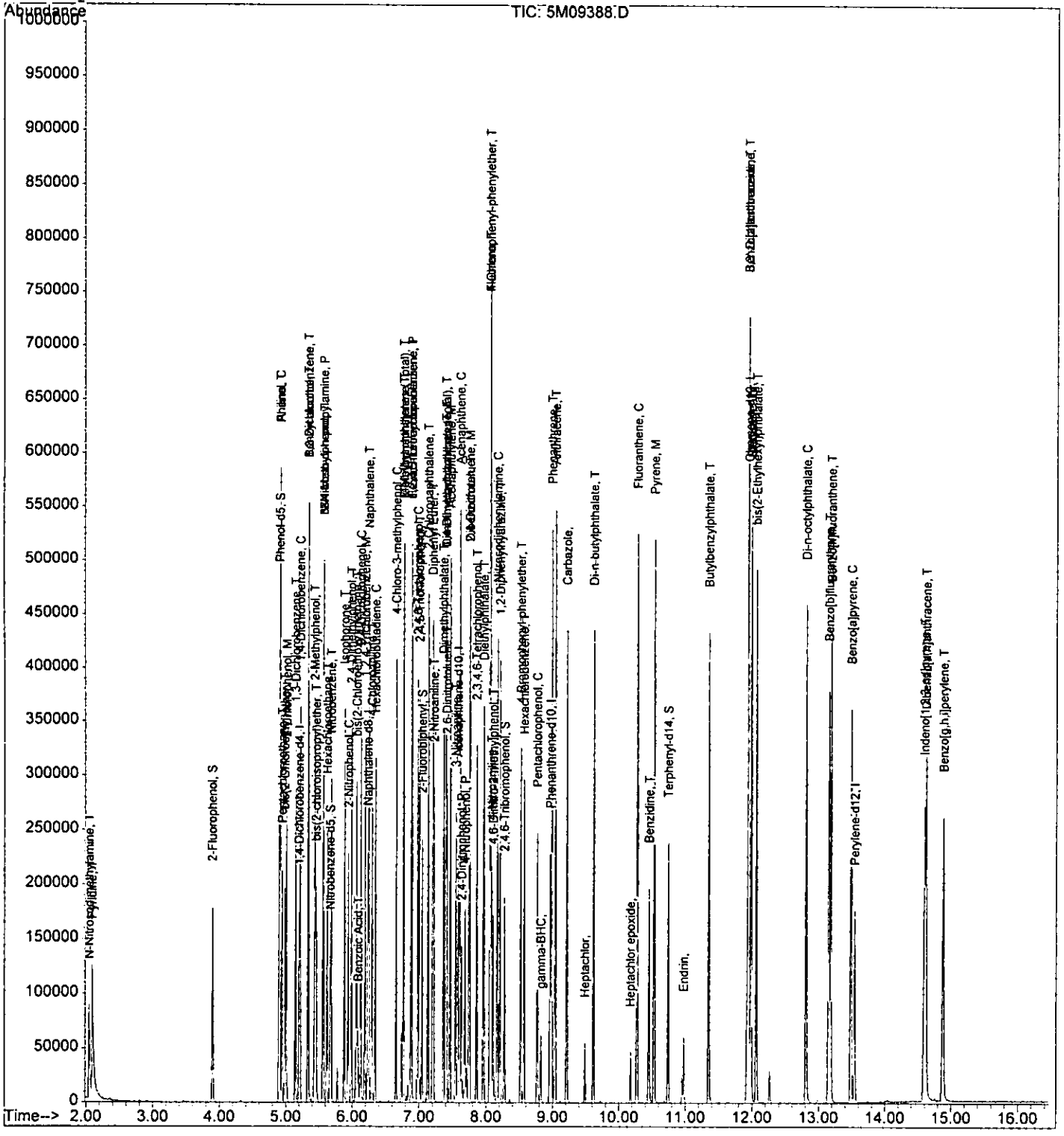
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Phenanthrene	8.98	178	198861	76.79 ng	98
71) Anthracene	9.04	178	205366	79.14 ng	98
72) Carbazole	9.21	167	192480	78.87 ng	99
73) Heptachlor	9.49	100	5254	15.08 ng	92
74) Di-n-butylphthalate	9.62	149	229034	77.76 ng	99
75) Heptachlor epoxide	10.17	81	3663	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

000811

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

1,810

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

000812

	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

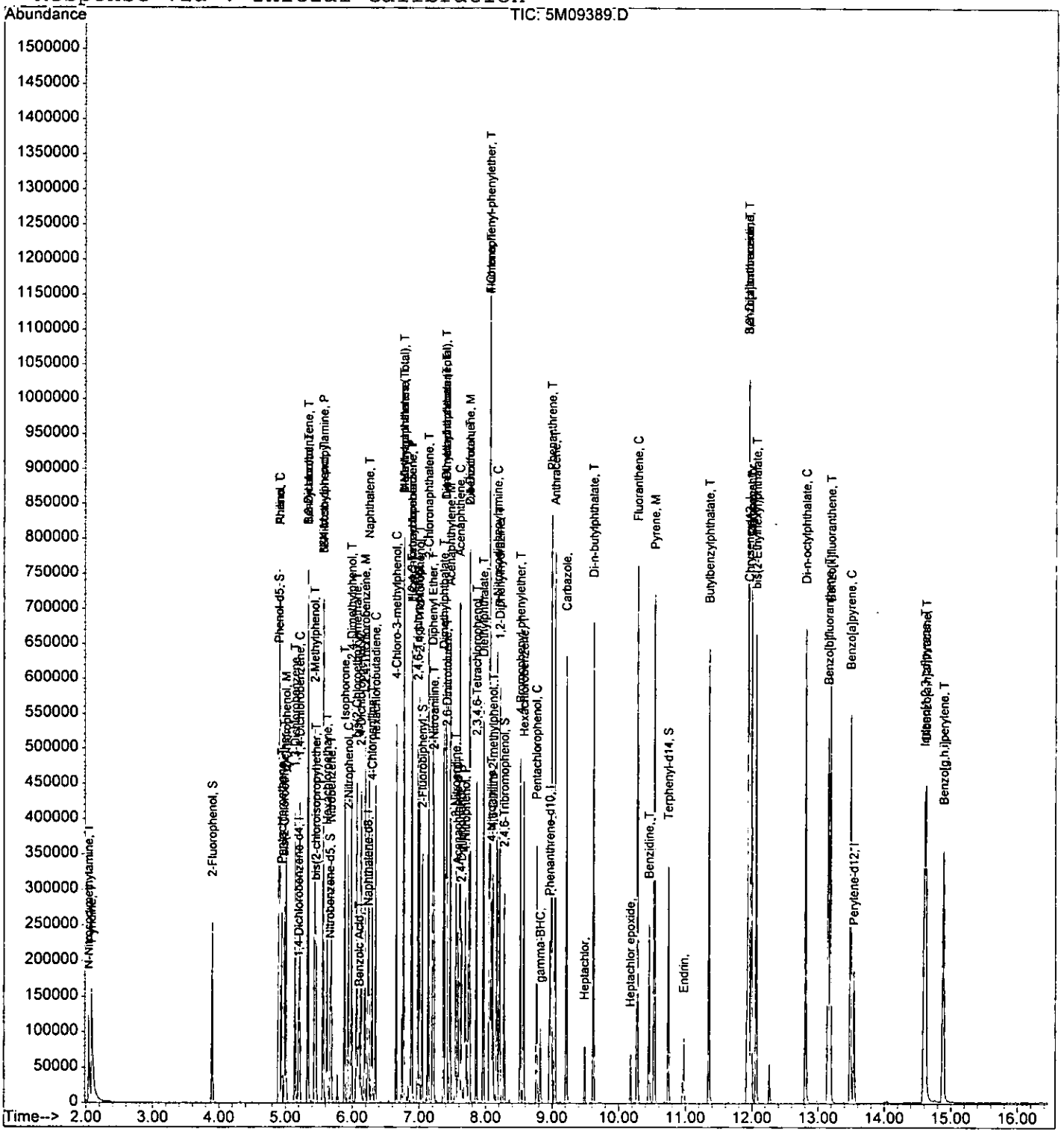
Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Mon Jul 11 11:25:34 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	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

1/8107

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

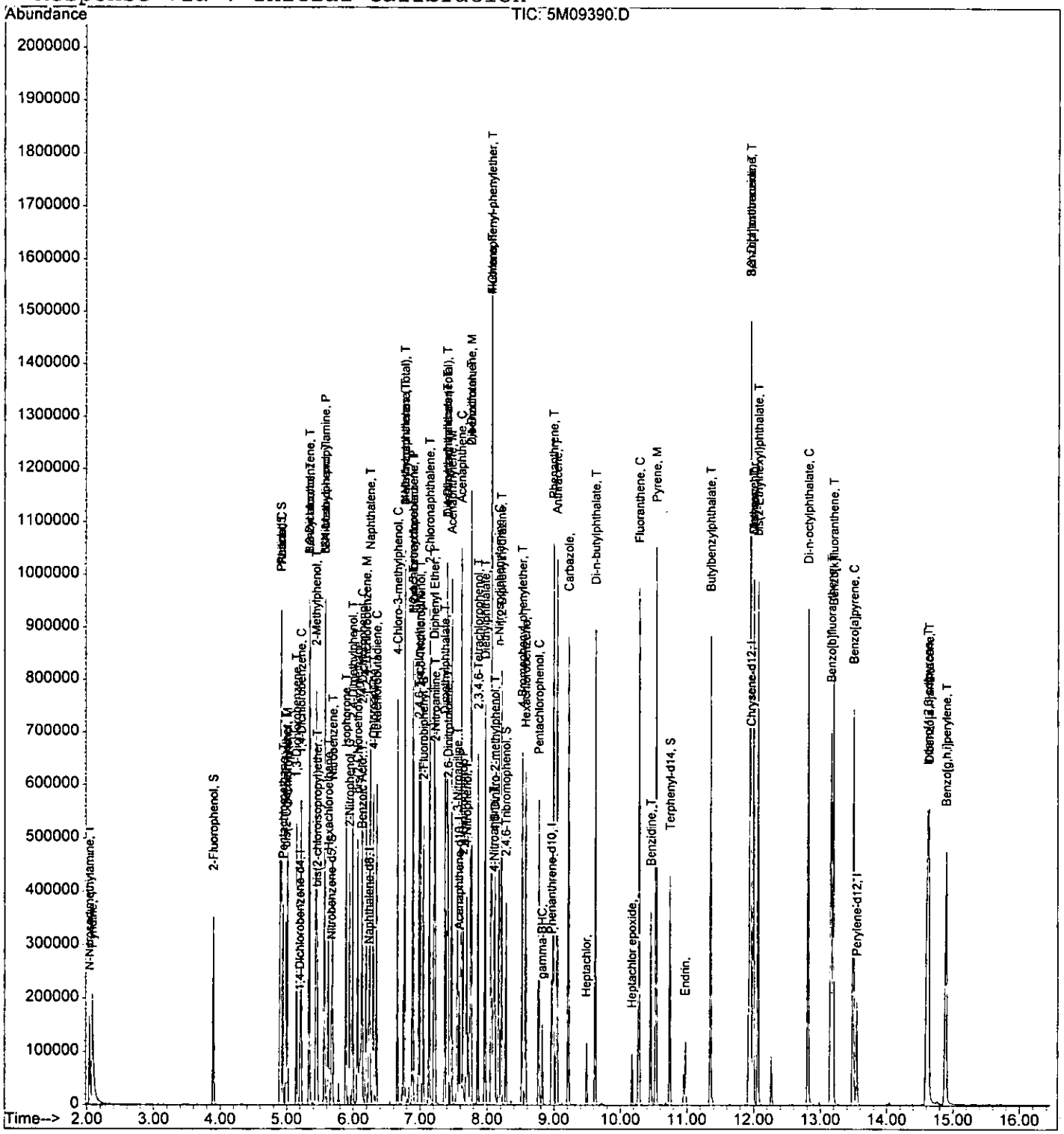
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Phenanthrene	8.99	178	424063	162.40 ng	98
71) Anthracene	9.04	178	429889	163.29 ng	98
72) Carbazole	9.22	167	398300	166.02 ng	99
73) Heptachlor	9.49	100	11683	35.74 ng	94
74) Di-n-butylphthalate	9.62	149	479294	165.77 ng	100
75) Heptachlor epoxide	10.17	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

000819

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

11807

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

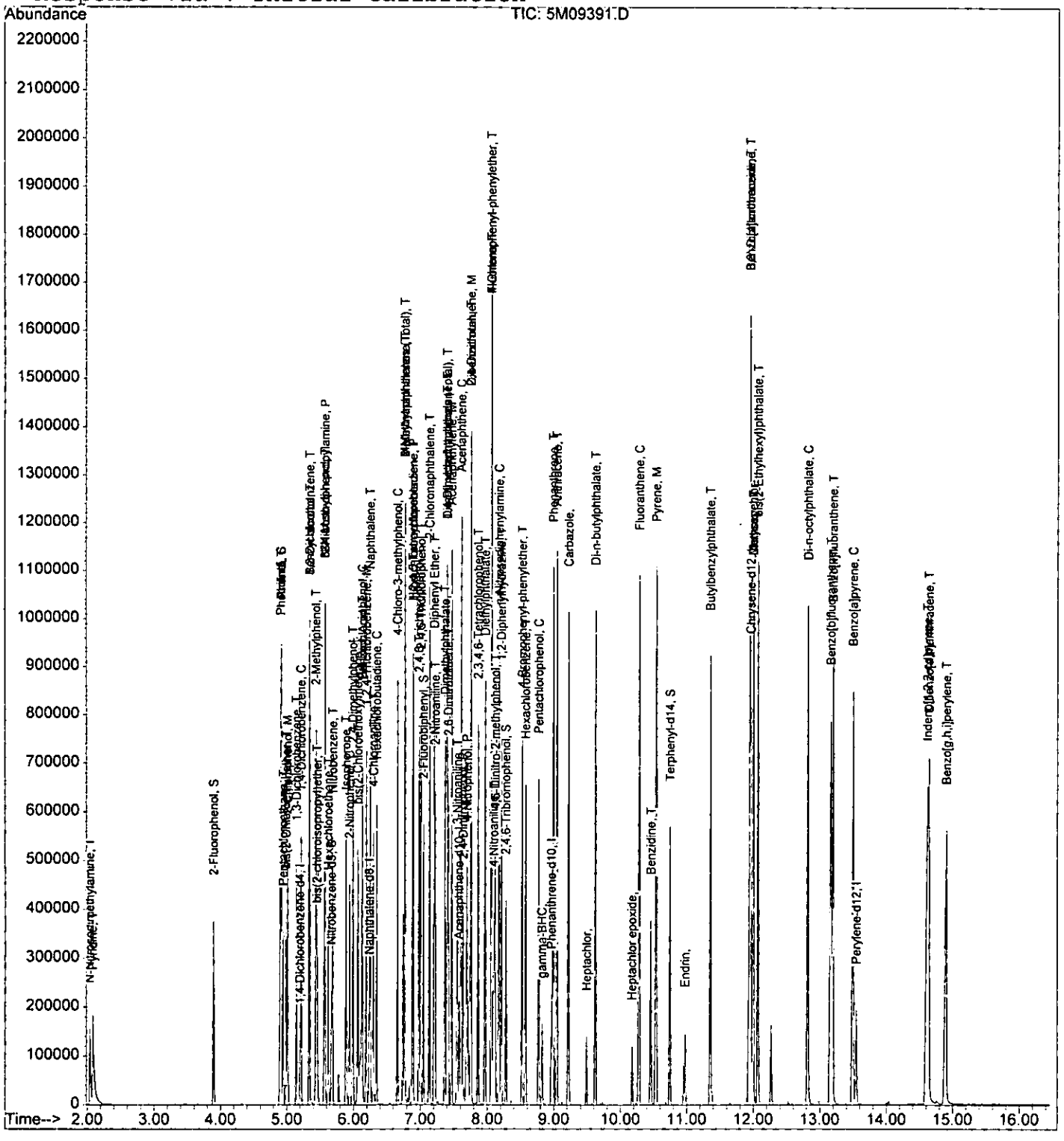
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Phenanthrene	8.99	178	467136	183.60	ng	98
71) Anthracene	9.05	178	496761	193.47	ng	98
72) Carbazole	9.22	167	450762	192.10	ng	100
73) Heptachlor	9.49	100	13654	42.15	ng	94
74) Di-n-butylphthalate	9.62	149	562771	199.06	ng	100
75) Heptachlor epoxide	10.17	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

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

000322

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.

000823

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.

000824

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

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

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

000827

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

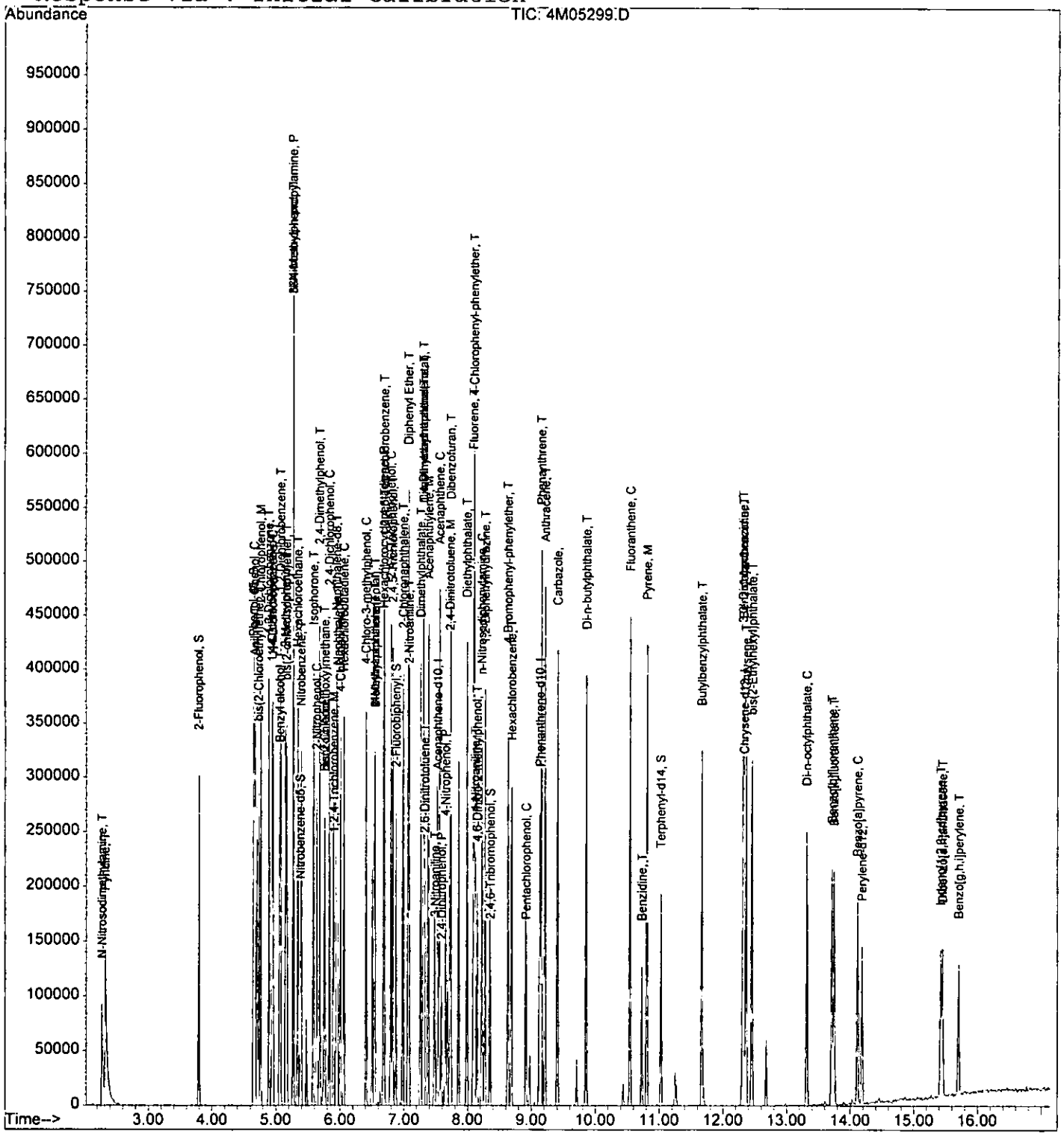
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	236389	51.66	ng	98
71)	Fluoranthene	10.54	202	174359	53.10	ng	90
73)	Pyrene	10.81	202	176886	52.73	ng	85
74)	Benzidine	10.73	184	50425	57.56	ng	99
76)	Butylbenzylphthalate	11.67	149	82010	50.68	ng	91
77)	3,3'-Dichlorobenzidine	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

Quantitation Report

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

12812

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

0330

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

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

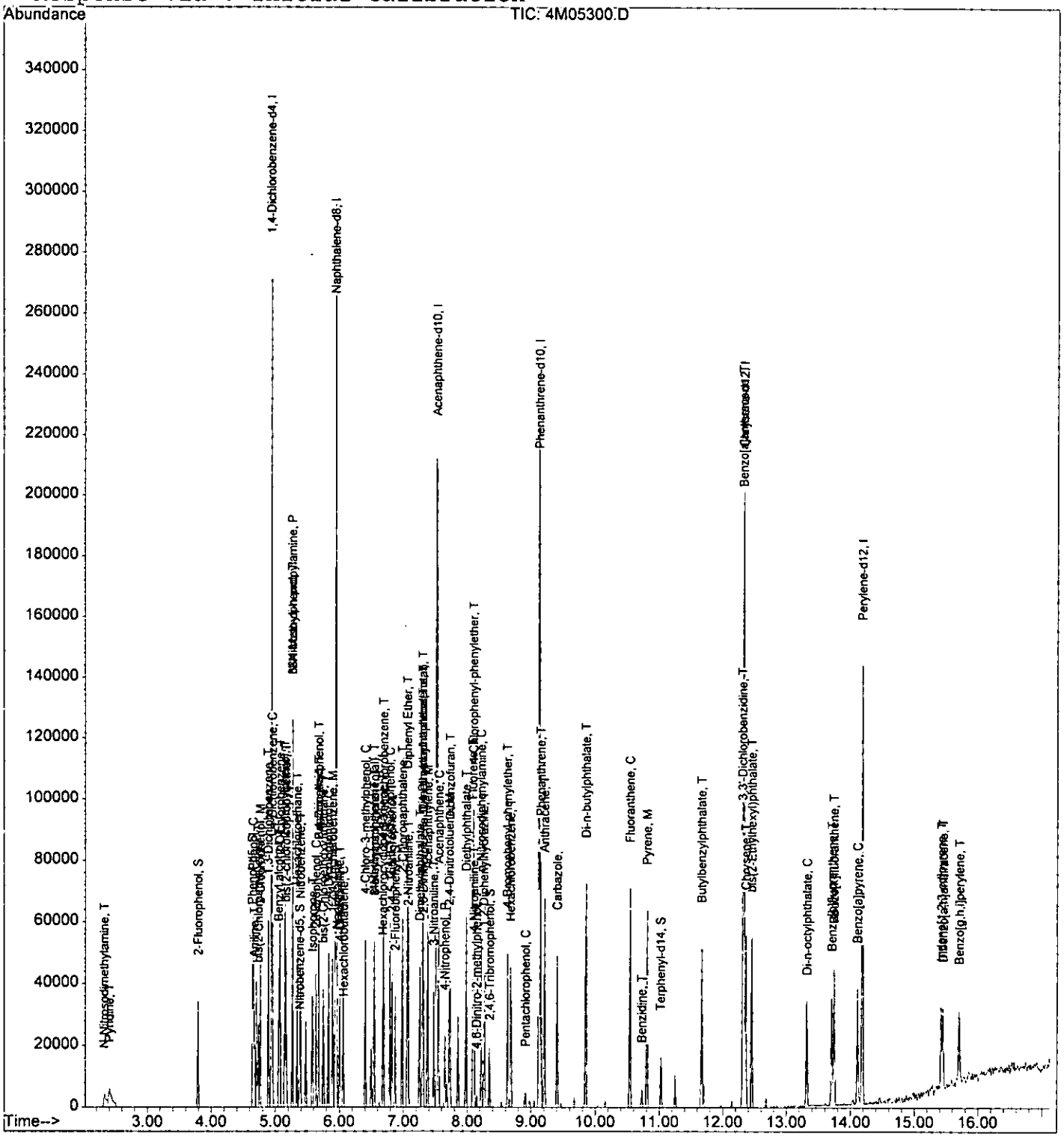
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Di-n-butylphthalate	9.86	149	47520	14.87 ng	99
71) Fluoranthene	10.54	202	29760	11.65 ng	87
73) Pyrene	10.81	202	31795	10.49 ng	86
74) Benzidine	10.73	184	5048	8.06 ng	93
76) Butylbenzylphthalate	11.67	149	14139	9.93 ng	95
77) 3,3'-Dichlorobenzidine	12.31	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

1810

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

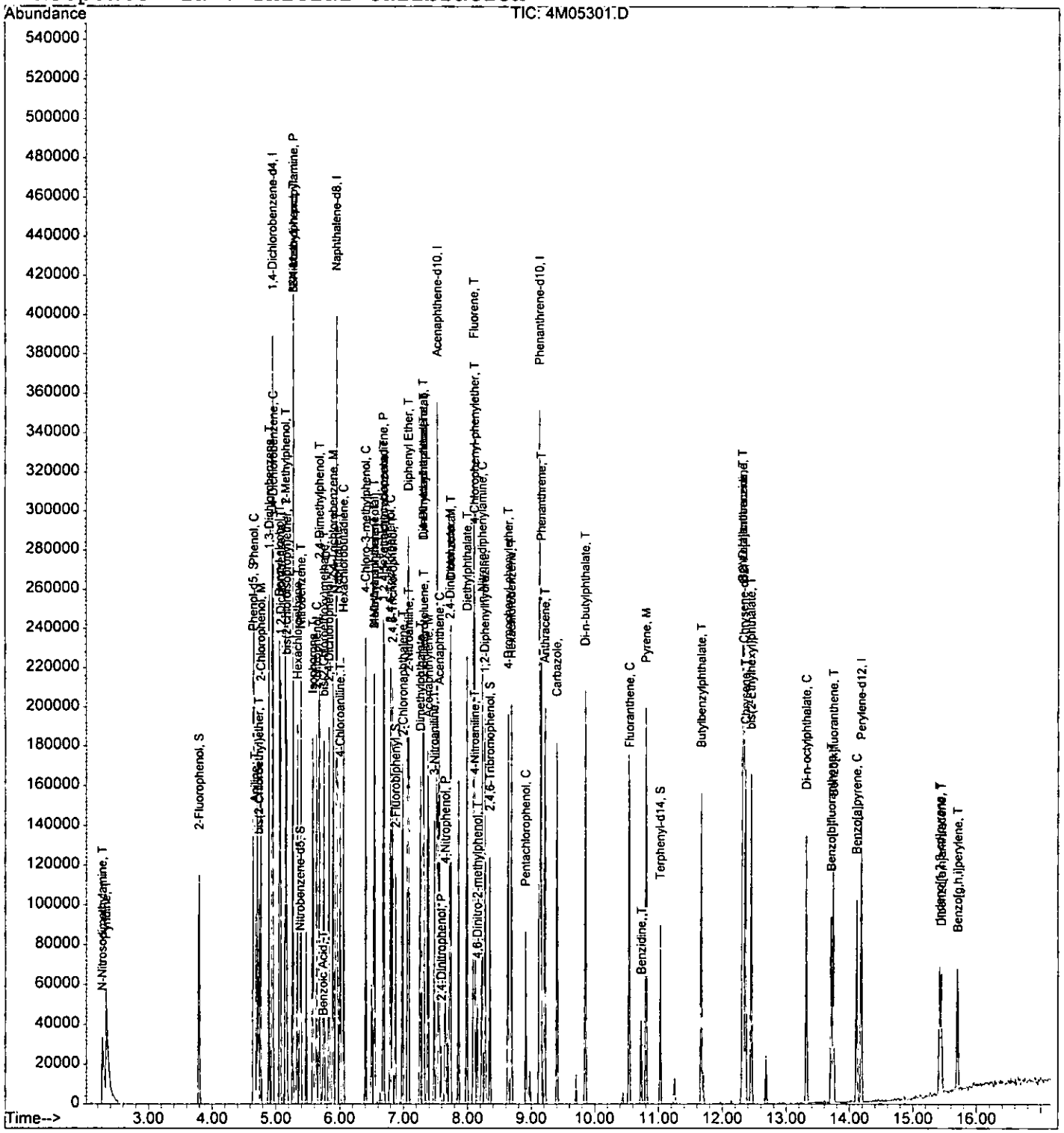
(#) = qualifier out of range (m) = manual integration

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

000836



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

SD 8/3/05

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

8/10

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

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

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

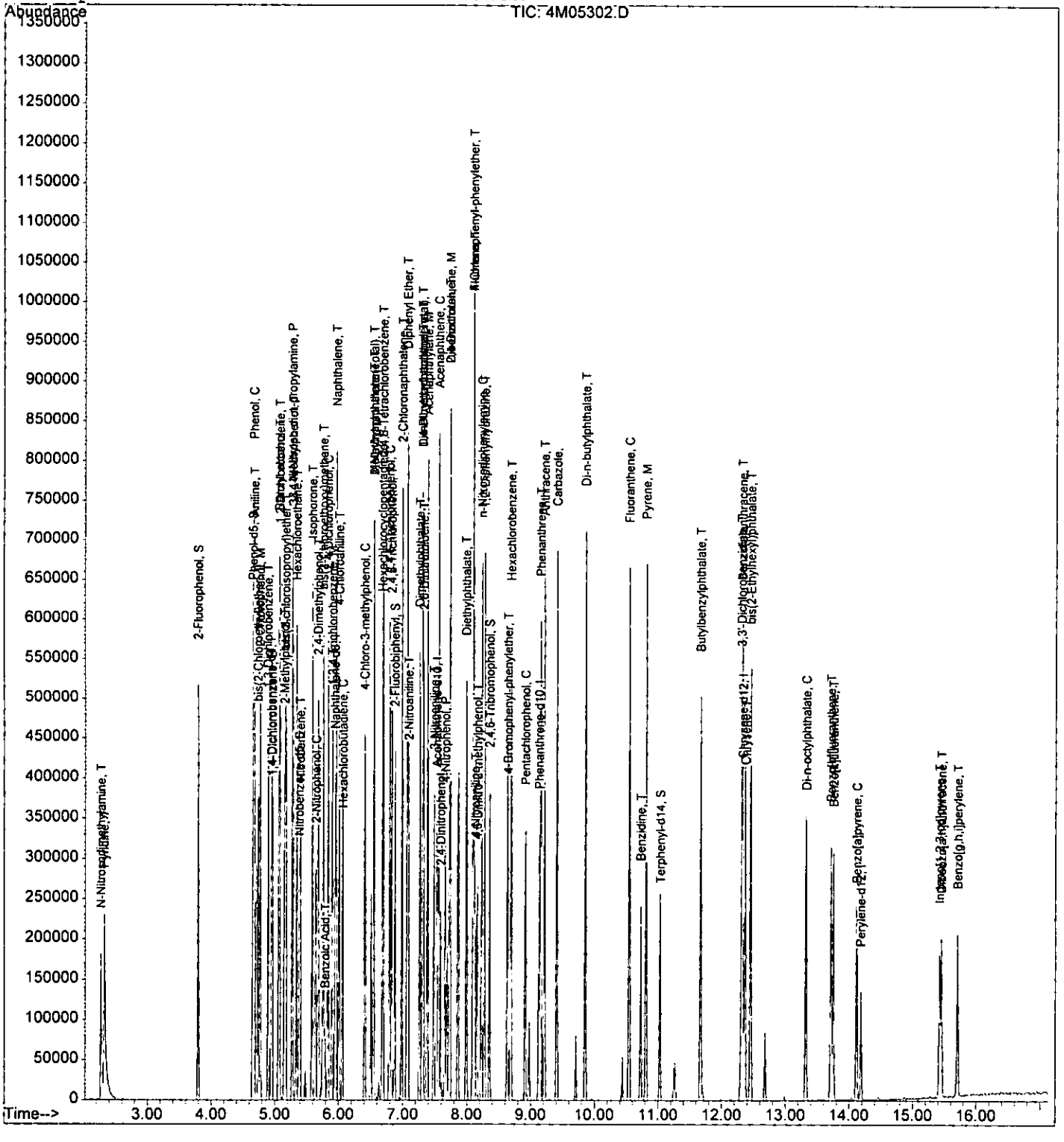
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	358569	86.13	ng	99
71)	Fluoranthene	10.54	202	262150	78.80	ng	99
73)	Pyrene	10.81	202	262559	82.58	ng	93
74)	Benzidine	10.73	184	80751	122.85	ng	99
76)	Butylbenzylphthalate	11.67	149	126733	84.82	ng	99
77)	3,3'-Dichlorobenzidine	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

Quantitation Report

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

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: 6
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

0000841

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05303.D Vial: 6
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

000842

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: 6
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

000343

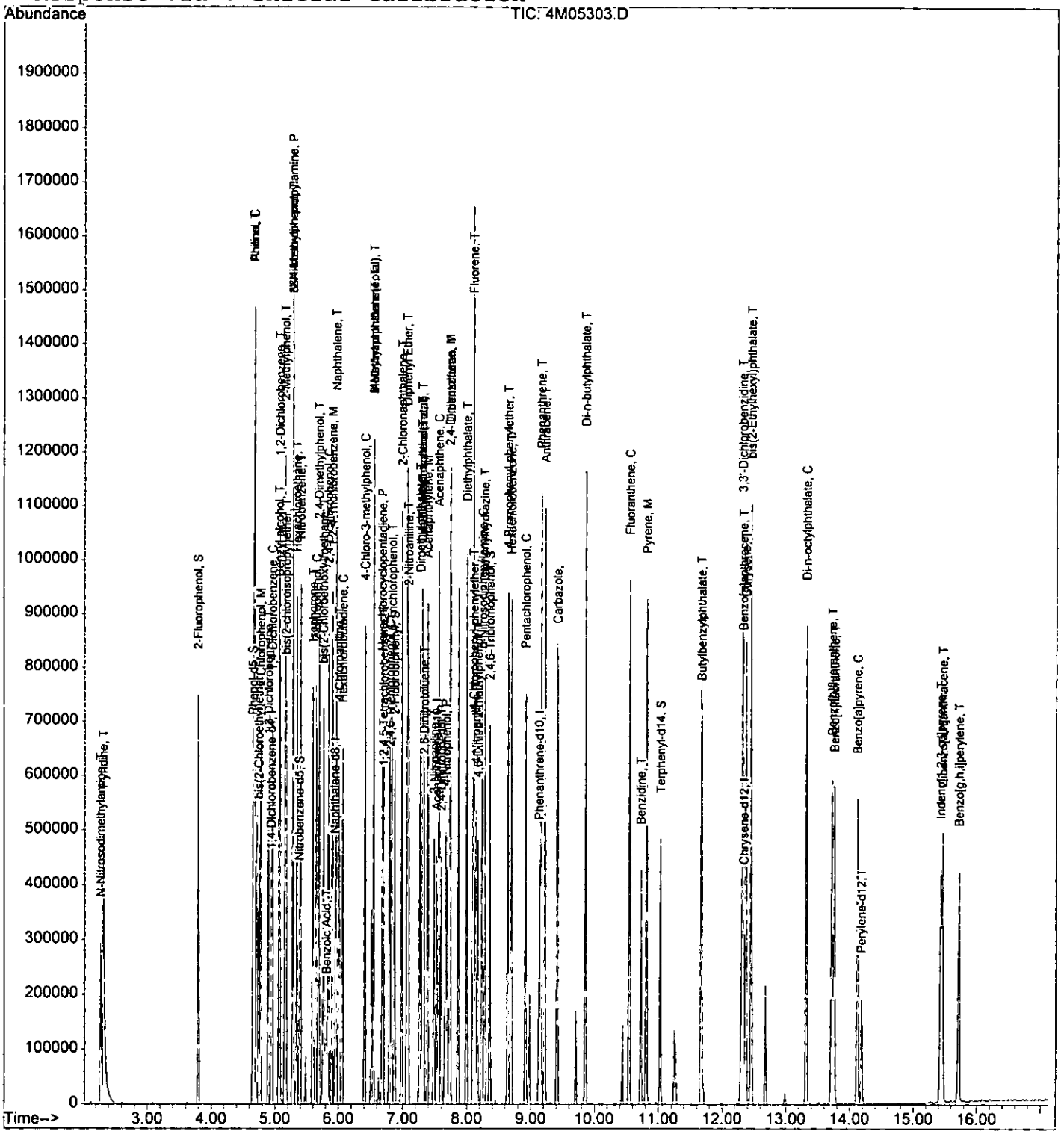
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70) Di-n-butylphthalate	9.86	149	588405	99.26	ng	99
71) Fluoranthene	10.55	202	481345	113.16	ng	88
73) Pyrene	10.82	202	494469	113.68	ng	83
74) Benzidine	10.73	184	143442	126.28	ng	94
76) Butylbenzylphthalate	11.68	149	254657	121.37	ng	78
77) 3,3'-Dichlorobenzidine	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: 6
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: 7
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.RBS

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

8/10

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05304.D Vial: 7
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

000846

	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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-03-05\4M05304.D Vial: 7
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

000847

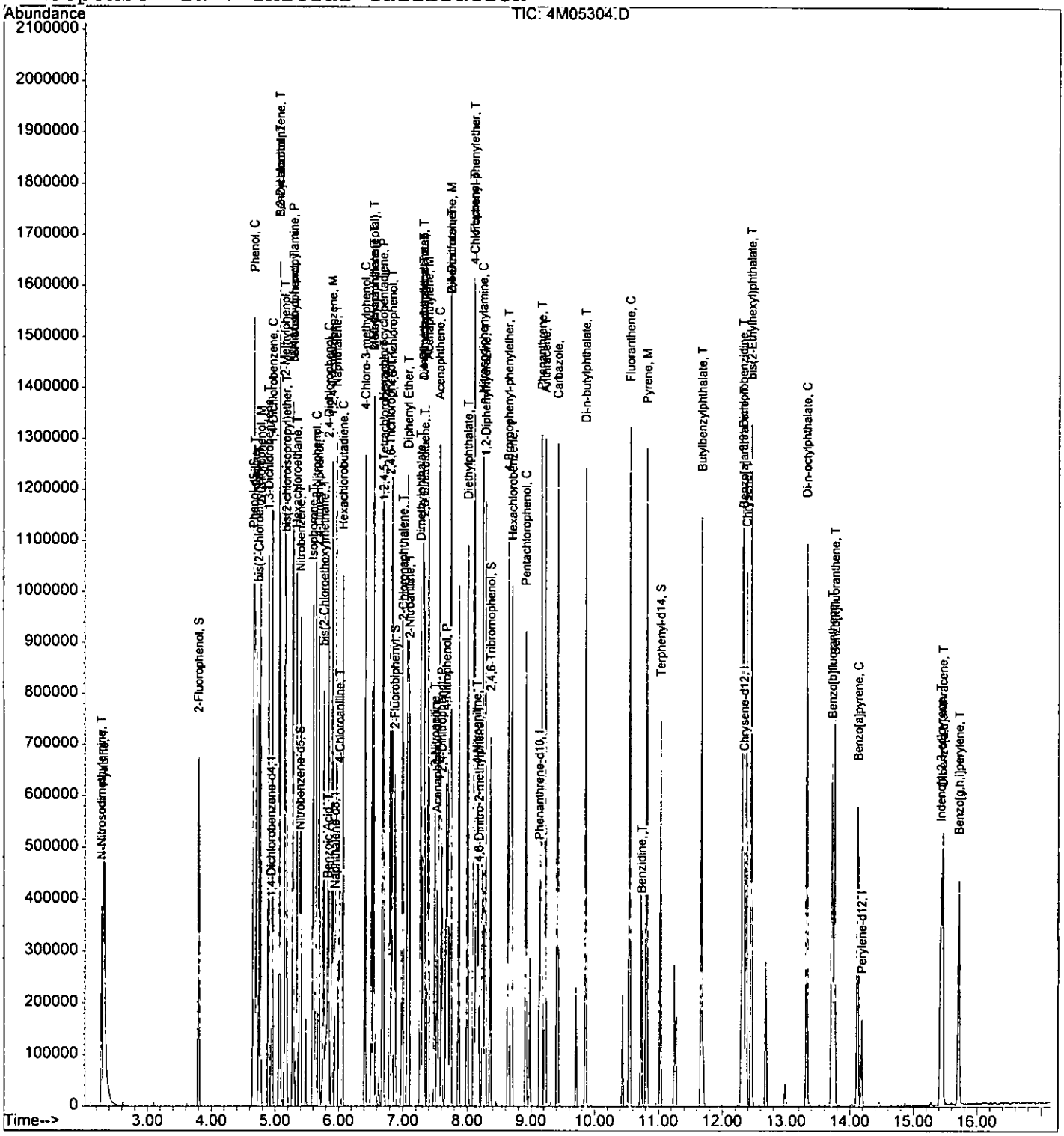
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	Di-n-butylphthalate	9.86	149	805630	131.94 ng	99
71)	Fluoranthene	10.55	202	592322	135.19 ng	94
73)	Pyrene	10.82	202	608835	141.81 ng	90
74)	Benzidine	10.74	184	172809	154.13 ng	92
76)	Butylbenzylphthalate	11.68	149	328092	158.41 ng	90
77)	3,3'-Dichlorobenzidine	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: 7
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

11810

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

000850

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

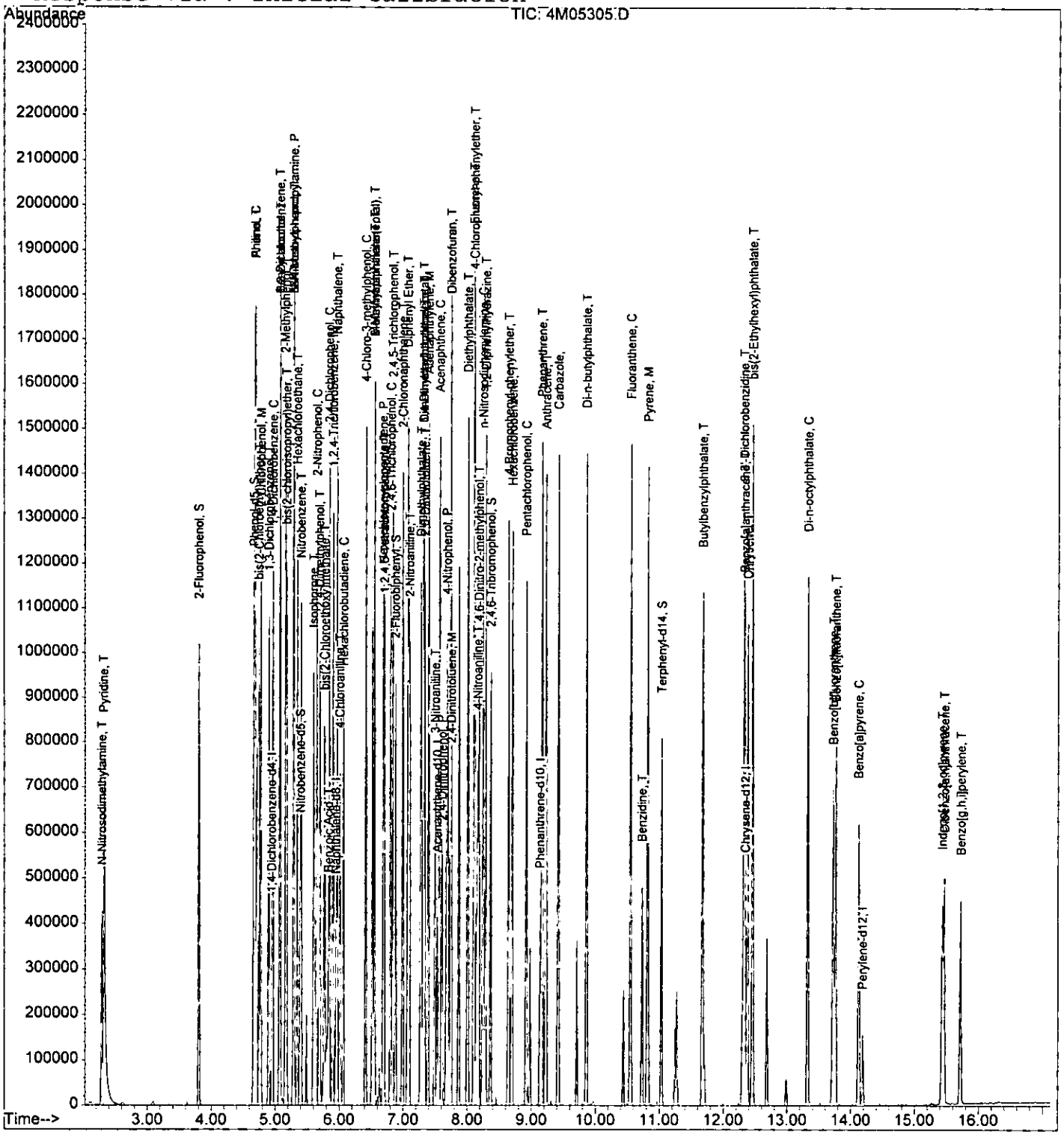
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 11:27:10 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	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

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



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09736.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/4/05 6:44:00 AM **Method:** 8270

000353

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	5.11	40.00	40				0.000	0.00	
Pyridine	1	0		1.98	50.55	50			1.668	1.686	1.10	
N-Nitrosodimethylamine	1	0		2.02	1.63	50			1.014	0.033	96.74	
2-Fluorophenol	1	0	S	3.79	49.44	50			1.347	1.332	1.12	
Aniline	1	0		4.82	44.87	50			2.261	2.029	10.26	
Pentachloroethane	1	0		4.85	52.46	50			0.493	0.517	4.92	
bis(2-Chloroethyl)ether	1	0		4.89	49.30	50			1.415	1.395	1.40	
Phenol-d5	1	0	S	4.81	43.95	50			1.970	1.732	12.10	
Phenol	1	0	CC	4.82	47.73	50	20		2.088	1.993	4.54	
2-Chlorophenol	1	0		4.92	45.31	50			1.585	1.436	9.38	
1,3-Dichlorobenzene	1	0		5.05	51.23	50			1.466	1.502	2.46	
1,4-Dichlorobenzene	1	0	CC	5.12	50.79	50	20		1.501	1.524	1.58	
1,2-Dichlorobenzene	1	0		5.25	50.30	50			1.431	1.439	0.60	
Benzyl alcohol	1	0		5.24	45.05	50			1.047	0.943	9.90	
bis(2-chloroisopropyl)ether	1	0		5.37	49.88	50			2.150	2.145	0.24	
2-Methylphenol	1	0		5.35	45.61	50			1.447	1.320	8.78	
Hexachloroethane	1	0		5.53	51.57	50			0.622	0.642	3.14	
N-Nitroso-di-n-propylamine	1	0	CP	5.47	45.25	50	0.05		1.141	1.032	9.50	
3&4-Methylphenol	1	0		5.48	45.39	50			1.538	1.396	9.22	
Naphthalene-d8	1	0	I	6.14	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.58	25.19	25			0.175	0.176	0.76	
Nitrobenzene	1	0		5.60	52.44	50			0.393	0.412	4.88	
Isophorone	1	0		5.80	48.26	50			0.731	0.706	3.48	
2-Nitrophenol	1	0	CC	5.85	51.26	50	20		0.202	0.207	2.52	
2,4-Dimethylphenol	1	0		5.90	48.30	50			0.383	0.370	3.40	
Benzoic Acid	1	0		5.99	45.30	50			0.220	0.199	9.40	
bis(2-Chloroethoxy)methane	1	0		5.98	51.04	50			0.418	0.427	2.08	
2,4-Dichlorophenol	1	0	CC	6.04	48.76	50	20		0.320	0.312	2.48	
1,2,4-Trichlorobenzene	1	0		6.11	52.07	50			0.328	0.341	4.14	
Naphthalene	1	0		6.16	50.75	50			1.048	1.064	1.50	
4-Chloroaniline	1	0		6.21	46.26	50			0.409	0.379	7.48	
Hexachlorobutadiene	1	0	CC	6.26	51.21	50	20		0.181	0.185	2.42	
4-Chloro-3-methylphenol	1	0	CC	6.58	47.39	50	20		0.353	0.335	5.22	
2-Methylnaphthalene	1	0		6.68	48.80	50			0.724	0.707	2.40	
Methylnaphthalenes	1	0		6.68	48.80							
Acenaphthene-d10	1	0	I	7.48	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.80	50.13	50			0.540	0.542	0.26	
Hexachlorocyclopentadiene	1	0	CP	6.79	52.75	50	0.05		0.333	0.351	5.50	
2,4,6-Trichlorophenol	1	0	CC	6.89	49.28	50	20		0.389	0.384	1.44	
2,4,5-Trichlorophenol	1	0		6.92	50.18	50			0.423	0.425	0.36	
2-Fluorobiphenyl	1	0	S	6.95	26.44	25			1.250	1.323	5.76	
2-Chloronaphthalene	1	0		7.04	49.69	50			1.131	1.124	0.62	
1,4-Dimethylnaphthalene	1	0		7.30	49.64	50			0.860	0.854	0.72	
Dimethylnaphthalenes	1	0		7.30	49.64							
Diphenyl Ether	1	0		7.11	67.95	50			0.747	1.015	35.90	
2-Nitroaniline	1	0		7.13	55.58	50			0.431	0.479	11.16	
Acenaphthylene	1	0		7.37	51.52	50			1.786	1.841	3.04	
Dimethylphthalate	1	0		7.27	48.57	50			1.305	1.268	2.86	
2,6-Dinitrotoluene	1	0		7.32	47.54	50			0.301	0.286	4.92	
Acenaphthene	1	0	CC	7.51	49.04	50	20		1.105	1.084	1.92	
3-Nitroaniline	1	0		7.45	50.37	50			0.328	0.331	0.74	
2,4-Dinitrophenol	1	0	CP	7.54	48.96	50	0.05		0.185	0.181	2.08	
Dibenzofuran	1	0		7.65	49.97	50			1.608	1.607	0.06	
2,4-Dinitrotoluene	1	0		7.64	47.65	50			0.415	0.396	4.70	
4-Nitrophenol	1	0	CP	7.59	52.50	50	0.05		0.261	0.274	5.00	
2,3,4,6-Tetrachlorophenol	1	0		7.76	46.20	50			0.332	0.307	7.60	
Fluorene	1	0		7.95	47.27	50			1.296	1.225	5.46	
4-Chlorophenyl-phenylether	1	0		7.96	46.93	50			0.630	0.591	6.14	
Diethylphthalate	1	0		7.86	47.09	50			1.338	1.260	5.82	
4-Nitroaniline	1	0		7.97	46.29	50			0.381	0.352	7.42	
Phenanthrene-d10	1	0	I	8.85	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.00	47.57	50			0.154	0.146	4.86	
n-Nitrosodiphenylamine	1	0	CC	8.07	47.89	50	20		0.551	0.528	4.22	
2,4,6-Tribromophenol	1	0	S	8.17	46.73	50			0.086	0.080	6.54	
1,2-Diphenylhydrazine	1	0		8.10	52.67	50			0.787	0.829	5.34	
4-Bromophenyl-phenylether	1	0		8.41	48.99	50			0.205	0.201	2.02	
Hexachlorobenzene	1	0		8.46	48.66	50			0.194	0.188	2.68	
gamma-BHC	1	0		8.71	10.08	10			0.142	0.143	0.80	
Pentachlorophenol	1	0	CC	8.66	50.15	50	20		0.127	0.127	0.30	
Phenanthrene	1	0		8.87	49.09	50			1.154	1.133	1.82	

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:** 5M09736.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/4/05 6:44:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.93	49.96	50			1.172	1.172	0.08	
Carbazole	1	0		9.10	50.16	50			1.070	1.074	0.32	
Heptachlor	1	0		9.37	10.98	10			0.150	0.164	9.80	
Di-n-butylphthalate	1	0		9.51	49.65	50			1.296	1.287	0.70	
Heptachlor epoxide	1	0		10.05	10.42	10			0.104	0.108	4.20	
Fluoranthene	1	0	CC	10.15	46.08	50	20		1.258	1.159	7.84	
Chrysene-d12	1	0	I	11.83	40.00	40				0.000	0.00	
Pyrene	1	0		10.41	48.21	50			1.602	1.545	3.58	
Benzidine	1	0		10.33	38.32	50			0.592	0.453	23.36	
Terphenyl-d14	1	0	S	10.62	24.46	25			0.945	0.925	2.16	
Endrin	1	0		10.85	10.89	10			0.079	0.086	8.90	
Butylbenzylphthalate	1	0		11.23	50.07	50			0.705	0.706	0.14	
Methoxychlor	1	0		11.85	9.30	10			0.735	0.684	7.00	
3,3'-Dichlorobenzidine	1	0		11.82	40.50	50			0.460	0.373	19.00	
Benzo[a]anthracene	1	0		11.82	48.05	50			1.471	1.413	3.90	
Chrysene	1	0		11.85	46.09	50			1.349	1.243	7.82	
bis(2-Ethylhexyl)phthalate	1	0		11.94	50.83	50			0.974	0.990	1.66	
Perylene-d12	1	0	I	13.41	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.69	50.50	50	20		2.190	2.212	1.00	
Benzo[b]fluoranthene	1	0		13.02	51.01	50			1.579	1.611	2.02	
Benzo[k]fluoranthene	1	0		13.05	47.12	50			1.599	1.506	5.76	
Benzo[a]pyrene	1	0	CC	13.35	50.05	50	20		1.486	1.488	0.10	
Indeno[1,2,3-cd]pyrene	1	0		14.44	51.44	50			1.610	1.657	2.88	
Dibenzo[a,h]anthracene	1	0		14.46	51.16	50			1.336	1.367	2.32	
Benzo[g,h,i]perylene	1	0		14.71	51.67	50			1.347	1.392	3.34	
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\08-04-05\5M09736.D Vial: 2
Acq On : 4 Aug 2005 6:44 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 7:10 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	5.11	152	20348	40.00	ng	-0.14
20) Naphthalene-d8	6.14	136	77780	40.00	ng	-0.14
36) Acenaphthene-d10	7.48	164	45021	40.00	ng	-0.15
61) Phenanthrene-d10	8.85	188	77436	40.00	ng	-0.18
77) Chrysene-d12	11.83	240	61871	40.00	ng	-0.21
88) Perylene-d12	13.41	264	46212	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	33880	49.44	ng	-0.18
Spiked Amount 200.000			Recovery = 24.72%			
8) Phenol-d5	4.81	99	44045	43.95	ng	-0.14
Spiked Amount 200.000			Recovery = 21.98%			
21) Nitrobenzene-d5	5.58	128	8580	25.19	ng	-0.14
Spiked Amount 100.000			Recovery = 25.19%			
41) 2-Fluorobiphenyl	6.95	172	37213	26.44	ng	-0.14
Spiked Amount 100.000			Recovery = 26.44%			
64) 2,4,6-Tribromophenol	8.17	330	7744	46.73	ng	-0.17
Spiked Amount 200.000			Recovery = 23.37%			
80) Terphenyl-d14	10.62	244	35755	24.46	ng	-0.19
Spiked Amount 100.000			Recovery = 24.46%			
Target Compounds						Qvalue
2) Pyridine	1.98	79	42892	50.55	ng	90
3) N-Nitrosodimethylamine	2.02	74	840	1.63	ng	62
5) Aniline	4.82	93	51611	44.87	ng	94
6) Pentachloroethane	4.85	117	13160	52.46	ng	100
7) bis(2-Chloroethyl)ether	4.89	93	35492	49.30	ng	95
9) Phenol	4.82	94	50694	47.73	ng	87
10) 2-Chlorophenol	4.92	128	36528	45.31	ng	97
11) 1,3-Dichlorobenzene	5.05	146	38213	51.23	ng	99
12) 1,4-Dichlorobenzene	5.12	146	38773	50.79	ng	99
13) 1,2-Dichlorobenzene	5.25	146	36610	50.30	ng	96
14) Benzyl alcohol	5.24	108	23985	45.05	ng	99
15) bis(2-chloroisopropyl)ethe	5.37	45	54557	49.88	ng	96
16) 2-Methylphenol	5.35	108	33574	45.61	ng	99
17) Hexachloroethane	5.53	117	16329	51.57	ng	89
18) N-Nitroso-di-n-propylamine	5.47	70	26261	45.25	ng	99
19) 3&4-Methylphenol	5.48	108	35519	45.39	ng	97
22) Nitrobenzene	5.60	77	40054	52.44	ng	99
23) Isophorone	5.80	82	68622	48.26	ng	97
24) 2-Nitrophenol	5.85	139	20095	51.26	ng	99

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

1805

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09736.D Vial: 2
Acq On : 4 Aug 2005 6:44 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 7:10 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	5.90	107	36013	48.30 ng	98
26)	Benzoic Acid	5.99	105	19393	45.30 ng	96
27)	bis(2-Chloroethoxy)methane	5.98	93	41524	51.04 ng	99
28)	2,4-Dichlorophenol	6.04	162	30317	48.76 ng	96
29)	1,2,4-Trichlorobenzene	6.11	180	33194	52.07 ng	99
30)	Naphthalene	6.16	128	103429	50.75 ng	99
31)	4-Chloroaniline	6.21	127	36815	46.26 ng	100
32)	Hexachlorobutadiene	6.26	225	18002	51.21 ng	99
33)	4-Chloro-3-methylphenol	6.58	107	32542	47.39 ng	99
34)	2-Methylnaphthalene	6.68	142	68701	48.80 ng	99
35)	Methylnaphthalenes (Total)	6.68	142	68701	48.80 ng	99
37)	1,2,4,5-Tetrachlorobenzene	6.80	216	30477	50.13 ng	98
38)	Hexachlorocyclopentadiene	6.79	237	19752	52.75 ng	99
39)	2,4,6-Trichlorophenol	6.89	196	21596	49.28 ng	98
40)	2,4,5-Trichlorophenol	6.92	196	23913	50.18 ng	99
42)	2-Chloronaphthalene	7.04	162	63234	49.69 ng	99
43)	1,4-Dimethylnaphthalene	7.30	156	48071	49.64 ng	99
44)	Dimethylnaphthalenes (Tota	7.30	156	48071	49.64 ng	99
45)	Diphenyl Ether	7.11	170	57133	67.95 ng	90
46)	2-Nitroaniline	7.13	65	26938	55.58 ng	94
47)	Acenaphthylene	7.37	152	103584	51.52 ng	100
48)	Dimethylphthalate	7.27	163	71348	48.57 ng	100
49)	2,6-Dinitrotoluene	7.32	165	16083	47.54 ng	98
50)	Acenaphthene	7.51	153	60981	49.04 ng	99
51)	3-Nitroaniline	7.45	138	18605	50.37 ng	100
52)	2,4-Dinitrophenol	7.54	184	10192	48.96 ng	93
53)	Dibenzofuran	7.65	168	90442	49.97 ng	100
54)	2,4-Dinitrotoluene	7.64	165	22273	47.65 ng	92
55)	4-Nitrophenol	7.59	65	15436	52.50 ng	96
56)	2,3,4,6-Tetrachlorophenol	7.76	232	17274	46.20 ng	99
57)	Fluorene	7.95	166	68930	47.27 ng	100
58)	4-Chlorophenyl-phenylether	7.96	204	33268	46.93 ng	99
59)	Diethylphthalate	7.86	149	70897	47.09 ng	97
60)	4-Nitroaniline	7.97	138	19834	46.29 ng	96
62)	4,6-Dinitro-2-methylphenol	8.00	198	14162	47.57 ng	100
63)	n-Nitrosodiphenylamine	8.07	169	51126	47.89 ng	97
65)	1,2-Diphenylhydrazine	8.10	77	80229	52.67 ng	96
66)	4-Bromophenyl-phenylether	8.41	248	19452	48.99 ng	97
67)	Hexachlorobenzene	8.46	284	18240	48.66 ng	89
68)	gamma-BHC	8.71	181	2766	10.08 ng	96
69)	Pentachlorophenol	8.66	266	12323	50.15 ng	94

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

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09736.D Vial: 2
Acq On : 4 Aug 2005 6:44 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 7:10 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

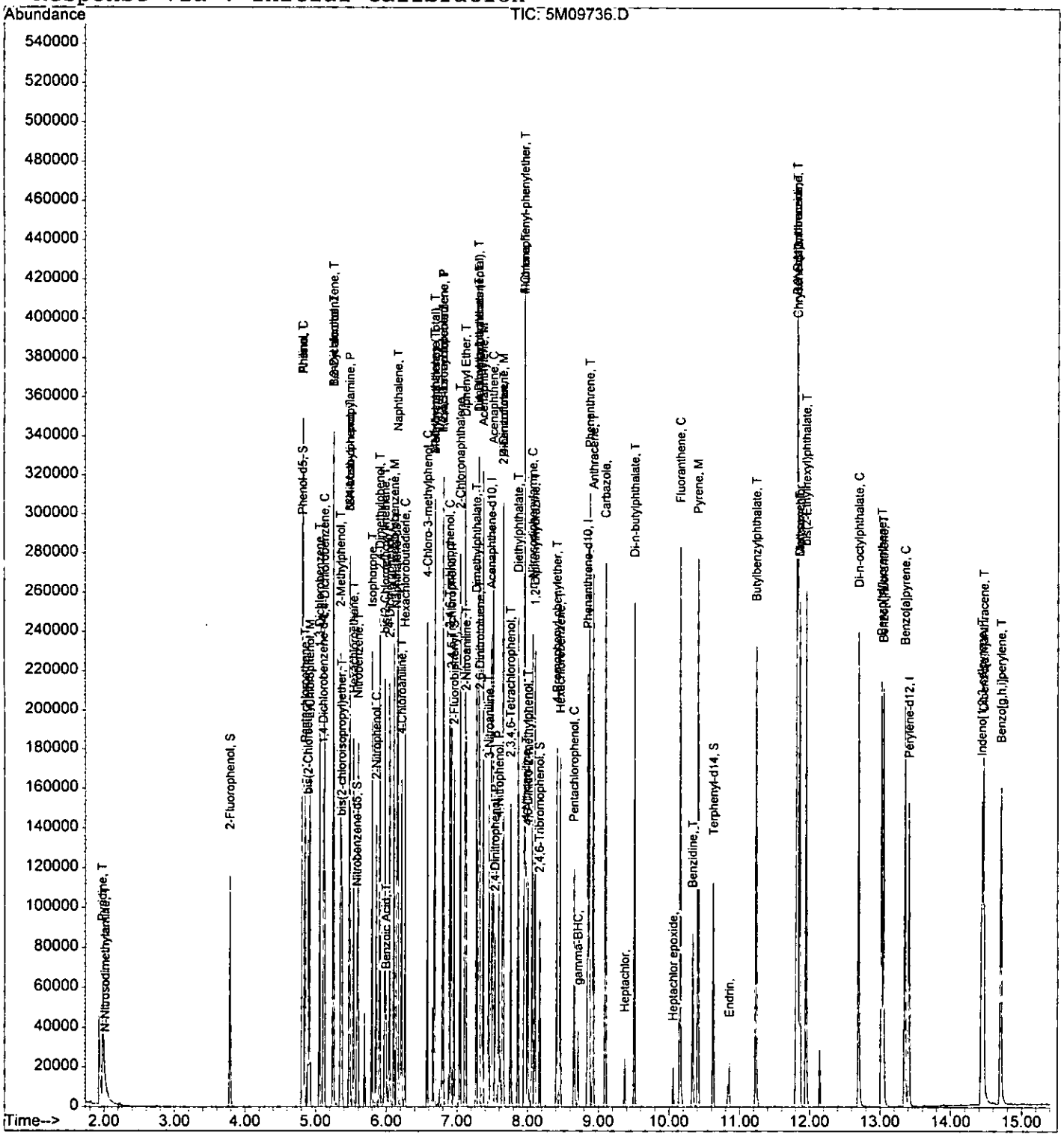
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Phenanthrene	8.87	178	109626	49.09	ng	98
71)	Anthracene	8.93	178	113403	49.96	ng	99
72)	Carbazole	9.10	167	103947	50.16	ng	99
73)	Heptachlor	9.37	100	3184	10.98	ng	97
74)	Di-n-butylphthalate	9.51	149	124580	49.65	ng	100
75)	Heptachlor epoxide	10.05	81	2099	10.42	ng	94
76)	Fluoranthene	10.15	202	112187	46.08	ng	98
78)	Pyrene	10.41	202	119473	48.21	ng	98
79)	Benzidine	10.33	184	35064	38.32	ng	99
81)	Endrin	10.85	81	1329	10.89	ng	93
82)	Butylbenzylphthalate	11.23	149	54600	50.07	ng	97
83)	Methoxychlor	11.85	227	10579	9.30	ng	100
84)	3,3'-Dichlorobenzidine	11.82	252	28844	40.50	ng	97
85)	Benzo[a]anthracene	11.82	228	109308	48.05	ng	99
86)	Chrysene	11.85	228	96161	46.09	ng	99
87)	bis(2-Ethylhexyl)phthalate	11.94	149	76599	50.83	ng	95
89)	Di-n-octylphthalate	12.69	149	127777	50.50	ng	98
90)	Benzo[b]fluoranthene	13.02	252	93071	51.01	ng	98
91)	Benzo[k]fluoranthene	13.05	252	87017	47.12	ng	95
92)	Benzo[a]pyrene	13.35	252	85938	50.05	ng	99
93)	Indeno[1,2,3-cd]pyrene	14.44	276	95694	51.44	ng	85
94)	Dibenzo[a,h]anthracene	14.46	278	78992	51.16	ng	98
95)	Benzo[g,h,i]perylene	14.71	276	80392	51.67	ng	92

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09736.D Vial: 2
Acq On : 4 Aug 2005 6:44 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 7:10 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:** 4M05353.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/4/2005 5:37:00 PM **Method:** 8270

000853

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	4.92	40.00	40				0.000	0.00	
Pyridine	1	0		2.30	54.83	50			1.515	1.661	9.66	
N-Nitrosodimethylamine	1	0		2.24	50.19	50			0.917	0.920	0.38	
2-Fluorophenol	1	0	S	3.78	50.96	50			1.128	1.150	1.92	
Aniline	1	0		4.66	56.98	50			1.631	1.859	13.96	
bis(2-Chloroethyl)ether	1	0		4.72	54.13	50			1.226	1.328	8.26	
Phenol-d5	1	0	S	4.64	52.20	50			1.502	1.568	4.40	
Phenol	1	0	CC	4.65	56.44	50	20		1.625	1.835	12.88	
2-Chlorophenol	1	0		4.75	55.43	50			1.244	1.379	10.86	
1,3-Dichlorobenzene	1	0		4.87	56.10	50			1.335	1.498	12.20	
1,4-Dichlorobenzene	1	0	CC	4.93	55.51	50	20		1.306	1.450	11.02	
1,2-Dichlorobenzene	1	0		5.06	53.16	50			1.281	1.362	6.32	
Benzyl alcohol	1	0		5.04	50.14	50			0.775	0.777	0.28	
bis(2-chloroisopropyl)ether	1	0		5.15	50.72	50			3.011	3.054	1.44	
2-Methylphenol	1	0		5.13	51.65	50			1.038	1.072	3.30	
Hexachloroethane	1	0		5.31	49.04	50			0.610	0.598	1.92	
N-Nitroso-di-n-propylamine	1	0	CP	5.25	54.37	50	0.05		1.070	1.163	8.74	
3&4-Methylphenol	1	0		5.25	52.66	50			1.070	1.127	5.32	
Naphthalene-d8	1	0	I	5.93	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.36	25.70	25			0.200	0.206	2.80	
Nitrobenzene	1	0		5.37	56.56	50			0.417	0.472	13.12	
Isophorone	1	0		5.57	51.83	50			0.797	0.826	3.66	
2-Nitrophenol	1	0	CC	5.62	55.59	50	20		0.216	0.240	11.18	
2,4-Dimethylphenol	1	0		5.66	54.59	50			0.398	0.435	9.18	
Benzoic Acid	1	0		5.75	57.77	50			0.069	0.080	15.54	
bis(2-Chloroethoxy)methane	1	0		5.73	50.47	50			0.476	0.480	0.94	
2,4-Dichlorophenol	1	0	CC	5.81	57.90	50	20		0.327	0.379	15.80	
1,2,4-Trichlorobenzene	1	0		5.87	55.37	50			0.351	0.389	10.74	
Naphthalene	1	0		5.94	56.72	50			0.879	0.997	13.44	
4-Chloroaniline	1	0		5.99	67.07	50			0.342	0.458	34.14	
Hexachlorobutadiene	1	0	CC	6.04	59.77	50	20		0.225	0.269	19.54	
4-Chloro-3-methylphenol	1	0	CC	6.39	56.38	50	20		0.365	0.411	12.76	
2-Methylnaphthalene	1	0		6.52	55.80	50			0.615	0.686	11.60	
Methylnaphthalene	1	0		6.52	55.80							
Acenaphthene-d10	1	0	I	7.50	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.66	51.69	50			0.653	0.675	3.38	
Hexachlorocyclopentadiene	1	0	CP	6.65	51.17	50	0.05		0.459	0.470	2.34	
2,4,6-Trichlorophenol	1	0	CC	6.77	53.20	50	20		0.470	0.500	6.40	
2,4,5-Trichlorophenol	1	0		6.80	57.13	50			0.482	0.551	14.26	
2-Fluorobiphenyl	1	0	S	6.85	26.20	25			1.282	1.343	4.80	
2-Chloronaphthalene	1	0		6.96	54.19	50			1.120	1.214	8.38	
2-Nitroaniline	1	0		7.05	54.31	50			0.663	0.720	8.62	
1,4-Dimethylnaphthalene	1	0		7.27	52.12	50			0.770	0.803	4.24	
Dimethylnaphthalene	1	0		7.27	52.12							
Diphenyl Ether	1	0		7.04	51.10	50			0.977	0.999	2.20	
Acenaphthylene	1	0		7.36	54.85	50			1.719	1.886	9.70	
Dimethylphthalate	1	0		7.23	52.28	50			1.413	1.478	4.56	
2,6-Dinitrotoluene	1	0		7.30	57.80	50			0.337	0.389	15.60	
Acenaphthene	1	0	CC	7.53	53.54	50	20		1.127	1.207	7.08	
3-Nitroaniline	1	0		7.46	67.46	50			0.294	0.396	34.92	
2,4-Dinitrophenol	1	0	CP	7.56	47.22	50	0.05		0.191	0.180	5.56	
Dibenzofuran	1	0		7.70	55.28	50			1.485	1.642	10.56	
2,4-Dinitrotoluene	1	0		7.69	57.58	50			0.440	0.507	15.16	
4-Nitrophenol	1	0	CP	7.63	53.82	50	0.05		0.377	0.406	7.64	
Fluorene	1	0		8.06	57.06	50			1.092	1.246	14.12	
4-Chlorophenyl-phenylether	1	0		8.07	52.98	50			0.656	0.695	5.96	
Diethylphthalate	1	0		7.96	53.45	50			1.474	1.576	6.90	
4-Nitroaniline	1	0		8.09	51.84	50			0.378	0.392	3.68	
Phenanthrene-d10	1	0	I	9.09	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.13	54.66	50			0.144	0.157	9.32	
n-Nitrosodiphenylamine	1	0	CC	8.21	53.35	50	20		0.507	0.541	6.70	
2,4,6-Tribromophenol	1	0	S	8.33	53.86	50			0.179	0.193	7.72	
1,2-Diphenylhydrazine	1	0		8.25	50.17	50			0.910	0.913	0.34	
4-Bromophenyl-phenylether	1	0		8.60	53.42	50			0.259	0.276	6.84	
Hexachlorobenzene	1	0		8.67	56.04	50			0.347	0.389	12.08	
Pentachlorophenol	1	0	CC	8.89	56.64	50	20		0.189	0.214	13.28	
Phenanthrene	1	0		9.13	52.14	50			0.999	1.042	4.28	
Anthracene	1	0		9.19	53.98	50			1.015	1.095	7.96	
Carbazole	1	0		9.38	56.86	50			0.931	1.059	13.72	
Di-n-butylphthalate	1	0		9.82	55.27	50			1.362	1.506	10.54	

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:** 4M05353.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/4/2005 5:37:00 PM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.52	59.45	50	20		1.039	1.236	18.90	
Chrysene-d12	1	0	I	12.31	40.00	40				0.000	0.00	
Pyrene	1	0		10.78	45.41	50			1.538	1.397	9.18	
Benzidine	1	0		10.70	51.80	50			0.434	0.449	3.60	
Terphenyl-d14	1	0	S	11.00	22.77	25			1.127	1.026	8.92	
Butylbenzylphthalate	1	0		11.64	47.24	50			0.750	0.709	5.52	
3,3'-Dichlorobenzidine	1	0		12.28	77.01	50			0.303	0.466	54.02	
Benzo[a]anthracene	1	0		12.28	51.50	50			1.255	1.293	3.00	
Chrysene	1	0		12.34	50.19	50			1.121	1.126	0.38	
bis(2-Ethylhexyl)phthalate	1	0		12.42	47.79	50			0.976	0.932	4.42	
Perylene-d12	1	0	I	14.16	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.29	46.96	50	20		2.191	2.058	6.08	
Benzo[b]fluoranthene	1	0		13.69	50.94	50			1.664	1.695	1.88	
Benzo[k]fluoranthene	1	0		13.72	56.73	50			1.441	1.635	13.46	
Benzo[a]pyrene	1	0	CC	14.08	50.18	50	20		1.368	1.373	0.36	
Indeno[1,2,3-cd]pyrene	1	0		15.39	53.62	50			1.241	1.330	7.24	
Dibenzo[a,h]anthracene	1	0		15.42	54.77	50			1.016	1.113	9.54	
Benzo[g,h,i]perylene	1	0		15.67	51.80	50			0.990	1.026	3.60	
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\08-0405\4M05353.D Vial: 2
Acq On : 4 Aug 2005 17:37 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 17:54 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	4.92	152	45865	40.00	ng	-0.02
19) Naphthalene-d8	5.93	136	145562	40.00	ng	-0.02
35) Acenaphthene-d10	7.50	164	86562	40.00	ng	-0.03
59) Phenanthrene-d10	9.09	188	159176	40.00	ng	-0.04
72) Chrysene-d12	12.31	240	145692	40.00	ng	-0.03
81) Perylene-d12	14.16	264	100034	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	65922	50.96	ng	-0.02
Spiked Amount 200.000			Recovery = 25.48%			
7) Phenol-d5	4.64	99	89892	52.20	ng	-0.02
Spiked Amount 200.000			Recovery = 26.10%			
20) Nitrobenzene-d5	5.36	128	18725	25.70	ng	-0.02
Spiked Amount 100.000			Recovery = 25.70%			
40) 2-Fluorobiphenyl	6.85	172	72684	26.20	ng	-0.03
Spiked Amount 100.000			Recovery = 26.20%			
62) 2,4,6-Tribromophenol	8.33	332	38376	53.86	ng	-0.03
Spiked Amount 200.000			Recovery = 26.93%			
75) Terphenyl-d14	11.00	244	93468	22.77	ng	-0.03
Spiked Amount 100.000			Recovery = 22.77%			
Target Compounds						Qvalue
2) Pyridine	2.30	79	95246	54.83	ng	98
3) N-Nitrosodimethylamine	2.24	74	52758	50.19	ng	97
5) Aniline	4.66	93	106586	56.98	ng	43
6) bis(2-Chloroethyl)ether	4.72	93	76117	54.13	ng	89
8) Phenol	4.65	94	105180	56.44	ng	83
9) 2-Chlorophenol	4.75	128	79082	55.43	ng	85
10) 1,3-Dichlorobenzene	4.87	146	85896	56.10	ng	99
11) 1,4-Dichlorobenzene	4.93	146	83141	55.51	ng	98
12) 1,2-Dichlorobenzene	5.06	146	78085	53.16	ng	99
13) Benzyl alcohol	5.04	108	44567	50.14	ng	62
14) bis(2-chloroisopropyl)ethe	5.15	45	175092	50.72	ng	96
15) 2-Methylphenol	5.13	108	61444	51.65	ng	99
16) Hexachloroethane	5.31	117	34303	49.04	ng	70
17) N-Nitroso-di-n-propylamine	5.25	70	66675	54.37	ng	87
18) 3&4-Methylphenol	5.25	108	64628	52.66	ng	99
21) Nitrobenzene	5.37	77	85823	56.56	ng	92
22) Isophorone	5.57	82	150273	51.83	ng	94
23) 2-Nitrophenol	5.62	139	43639	55.59	ng	96
24) 2,4-Dimethylphenol	5.66	107	79167	54.59	ng	97

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

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05353.D Vial: 2
Acq On : 4 Aug 2005 17:37 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 17:54 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	5.75	105	14548	57.77 ng	89
26)	bis(2-Chloroethoxy)methane	5.73	93	87420	50.47 ng	100
27)	2,4-Dichlorophenol	5.81	162	68962	57.90 ng	91
28)	1,2,4-Trichlorobenzene	5.87	180	70721	55.37 ng	96
29)	Naphthalene	5.94	128	181368	56.72 ng	99
30)	4-Chloroaniline	5.99	127	83377	67.07 ng	98
31)	Hexachlorobutadiene	6.04	225	48984	59.77 ng	96
32)	4-Chloro-3-methylphenol	6.39	107	74872	56.38 ng	95
33)	2-Methylnaphthalene	6.52	142	124849	55.80 ng	99
34)	Methylnaphthalene(Total)	6.52	142	124849	55.80 ng	99
36)	1,2,4,5-Tetrachlorobenzene	6.66	216	73042	51.69 ng	94
37)	Hexachlorocyclopentadiene	6.65	237	50863	51.17 ng	96
38)	2,4,6-Trichlorophenol	6.77	196	54152	53.20 ng	93
39)	2,4,5-Trichlorophenol	6.80	196	59579	57.13 ng	98
41)	2-Chloronaphthalene	6.96	162	131345	54.19 ng	100
42)	2-Nitroaniline	7.05	65	77932	54.31 ng	88
43)	1,4-Dimethylnaphthalene	7.27	156	86880	52.12 ng	90
44)	Dimethylnaphthalene(Total)	7.27	156	86880	52.12 ng	90
45)	Diphenyl Ether	7.04	170	108067	51.10 ng	93
46)	Acenaphthylene	7.36	152	204044	54.85 ng	99
47)	Dimethylphthalate	7.23	163	159904	52.28 ng	99
48)	2,6-Dinitrotoluene	7.30	165	42093	57.80 ng	91
49)	Acenaphthene	7.53	153	130549	53.54 ng	98
50)	3-Nitroaniline	7.46	138	42852	67.46 ng	95
51)	2,4-Dinitrophenol	7.56	184	19501	47.22 ng	52
52)	Dibenzofuran	7.70	168	177670	55.28 ng	91
53)	2,4-Dinitrotoluene	7.69	165	54836	57.58 ng	81
54)	4-Nitrophenol	7.63	65	43924	53.82 ng	81
55)	Fluorene	8.06	166	134870	57.06 ng	95
56)	4-Chlorophenyl-phenylether	8.07	204	75174	52.98 ng	92
57)	Diethylphthalate	7.96	149	170496	53.45 ng	99
58)	4-Nitroaniline	8.09	138	42403	51.84 ng	79
60)	4,6-Dinitro-2-methylphenol	8.13	198	31217	54.66 ng	100
61)	n-Nitrosodiphenylamine	8.21	169	107725	53.35 ng	100
63)	1,2-Diphenylhydrazine	8.25	77	181602	50.17 ng	79
64)	4-Bromophenyl-phenylether	8.60	248	54973	53.42 ng	98
65)	Hexachlorobenzene	8.67	284	77453	56.04 ng	94
66)	Pentachlorophenol	8.89	266	42652	56.64 ng	97
67)	Phenanthrene	9.13	178	207329	52.14 ng	99
68)	Anthracene	9.19	178	217929	53.98 ng	100
69)	Carbazole	9.38	167	210684	56.86 ng	99

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

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05353.D Vial: 2
Acq On : 4 Aug 2005 17:37 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 17:54 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

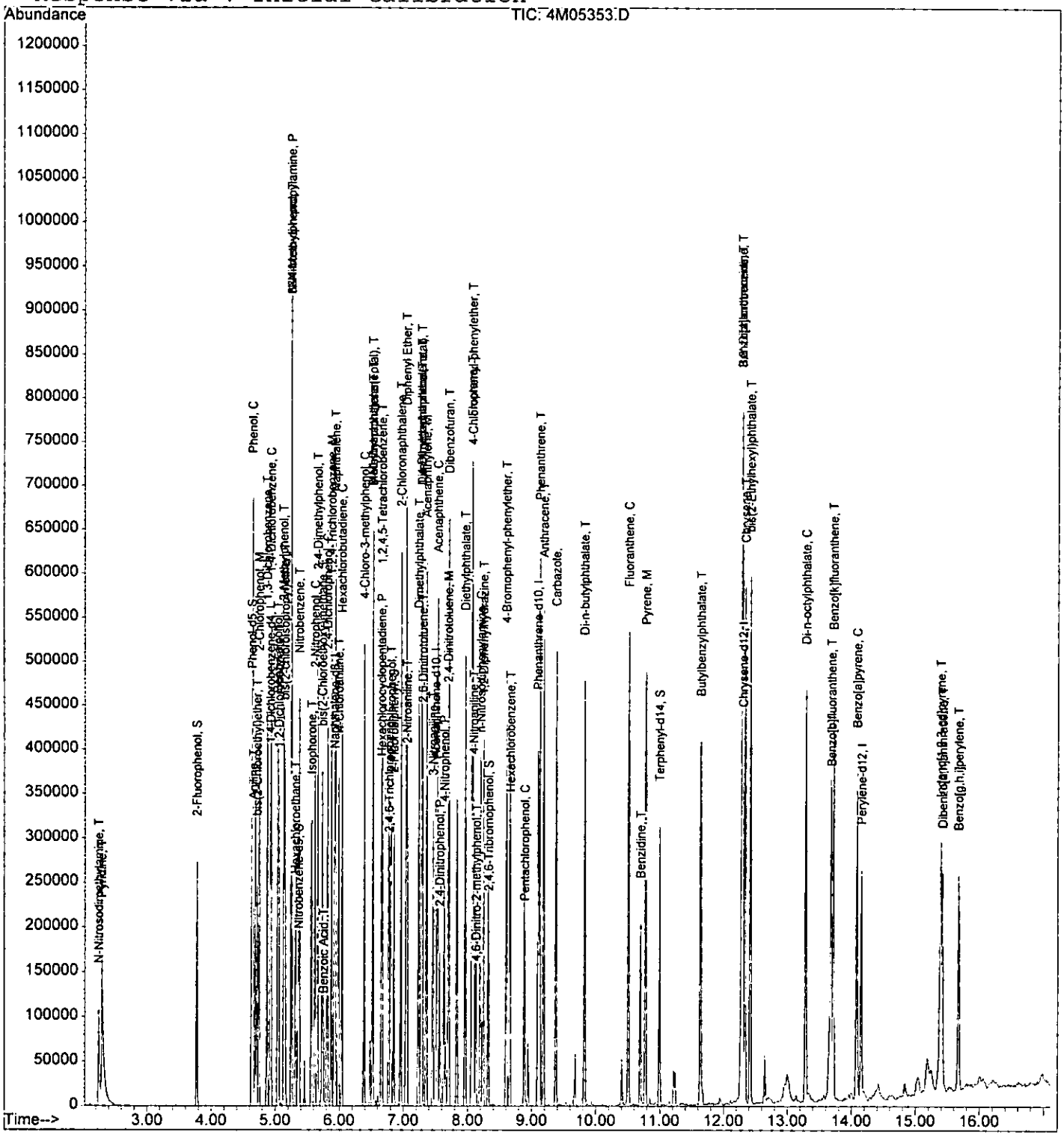
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Di-n-butylphthalate	9.82	149	299550	55.27 ng	98
71) Fluoranthene	10.52	202	245865	59.45 ng	86
73) Pyrene	10.78	202	254459	45.41 ng	82
74) Benzidine	10.70	184	81809	51.80 ng	96
76) Butylbenzylphthalate	11.64	149	129058	47.24 ng	83
77) 3,3'-Dichlorobenzidine	12.28	252	84855	77.01 ng	97
78) Benzo[a]anthracene	12.28	228	235500	51.50 ng	99
79) Chrysene	12.34	228	205023	50.19 ng	98
80) bis(2-Ethylhexyl)phthalate	12.42	149	169791	47.79 ng	95
82) Di-n-octylphthalate	13.29	149	257318	46.96 ng	99
83) Benzo[b]fluoranthene	13.69	252	211981	50.94 ng	93
84) Benzo[k]fluoranthene	13.72	252	204430	56.73 ng	99
85) Benzo[a]pyrene	14.08	252	171648	50.18 ng	97
86) Indeno[1,2,3-cd]pyrene	15.39	276	166365	53.62 ng	83
87) Dibenzo[a,h]anthracene	15.42	278	139161	54.77 ng	93
88) Benzo[g,h,i]perylene	15.67	276	128293	51.80 ng	98

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05353.D Vial: 2
Acq On : 4 Aug 2005 17:37 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 17:54 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:** 5M09779.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/5/05 6:42:00 AM **Method:** 8270

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		1.97	48.38	50			1.668	1.614	3.24	
N-Nitrosodimethylamine	1	0		1.92	46.19	50			1.014	0.937	7.62	
2-Fluorophenol	1	0	S	3.78	48.00	50			1.347	1.293	4.00	
Aniline	1	0		4.81	45.79	50			2.261	2.071	8.42	
Pentachloroethane	1	0		4.84	50.80	50			0.493	0.501	1.60	
bis(2-Chloroethyl)ether	1	0		4.89	50.33	50			1.415	1.425	0.66	
Phenol-d5	1	0	S	4.80	43.95	50			1.970	1.732	12.10	
Phenol	1	0	CC	4.81	45.96	50	20		2.088	1.919	8.08	
2-Chlorophenol	1	0		4.91	45.40	50			1.585	1.439	9.20	
1,3-Dichlorobenzene	1	0		5.05	52.12	50			1.466	1.529	4.24	
1,4-Dichlorobenzene	1	0	CC	5.12	51.33	50	20		1.501	1.541	2.66	
1,2-Dichlorobenzene	1	0		5.25	50.89	50			1.431	1.456	1.78	
Benzyl alcohol	1	0		5.24	46.53	50			1.047	0.974	6.94	
bis(2-chloroisopropyl)ether	1	0		5.36	52.05	50			2.150	2.238	4.10	
2-Methylphenol	1	0		5.34	49.97	50			1.447	1.446	0.06	
Hexachloroethane	1	0		5.52	54.55	50			0.622	0.679	9.10	
N-Nitroso-di-n-propylamine	1	0	CP	5.46	49.33	50	0.05		1.141	1.125	1.34	
3&4-Methylphenol	1	0		5.47	48.00	50			1.538	1.477	4.00	
Naphthalene-d8	1	0	I	6.14	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.58	23.99	25			0.175	0.168	4.04	
Nitrobenzene	1	0		5.59	50.50	50			0.393	0.397	1.00	
Isophorone	1	0		5.78	49.15	50			0.731	0.719	1.70	
2-Nitrophenol	1	0	CC	5.84	51.04	50	20		0.202	0.206	2.08	
2,4-Dimethylphenol	1	0		5.90	48.67	50			0.383	0.373	2.66	
Benzoic Acid	1	0		5.98	35.96	50			0.220	0.158	28.08	
bis(2-Chloroethoxy)methane	1	0		5.97	48.33	50			0.418	0.404	3.34	
2,4-Dichlorophenol	1	0	CC	6.04	46.88	50	20		0.320	0.300	6.24	
1,2,4-Trichlorobenzene	1	0		6.09	51.24	50			0.328	0.336	2.48	
Naphthalene	1	0		6.15	50.95	50			1.048	1.068	1.90	
4-Chloroaniline	1	0		6.20	50.29	50			0.409	0.412	0.58	
Hexachlorobutadiene	1	0	CC	6.25	49.75	50	20		0.181	0.180	0.50	
4-Chloro-3-methylphenol	1	0	CC	6.57	47.30	50	20		0.353	0.334	5.40	
2-Methylnaphthalene	1	0		6.67	47.66	50			0.724	0.690	4.68	
Methylnaphthalenes	1	0		6.67	47.66							
Acenaphthene-d10	1	0	I	7.47	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.79	51.15	50			0.540	0.553	2.30	
Hexachlorocyclopentadiene	1	0	CP	6.79	55.61	50	0.05		0.333	0.370	11.22	
2,4,6-Trichlorophenol	1	0	CC	6.89	49.79	50	20		0.389	0.388	0.42	
2,4,5-Trichlorophenol	1	0		6.91	52.09	50			0.423	0.441	4.18	
2-Fluorobiphenyl	1	0	S	6.95	26.26	25			1.250	1.313	5.04	
2-Chloronaphthalene	1	0		7.03	53.47	50			1.131	1.209	6.94	
1,4-Dimethylnaphthalene	1	0		7.30	52.10	50			0.860	0.897	4.20	
Dimethylnaphthalenes	1	0		7.30	52.10							
Diphenyl Ether	1	0		7.10	71.06	50			0.747	1.062	42.12	
2-Nitroaniline	1	0		7.11	57.16	50			0.431	0.492	14.32	
Acenaphthylene	1	0		7.36	51.96	50			1.786	1.856	3.92	
Dimethylphthalate	1	0		7.26	51.05	50			1.305	1.333	2.10	
2,6-Dinitrotoluene	1	0		7.31	50.91	50			0.301	0.306	1.82	
Acenaphthene	1	0	CC	7.50	53.72	50	20		1.105	1.187	7.44	
3-Nitroaniline	1	0		7.44	54.69	50			0.328	0.359	9.38	
2,4-Dinitrophenol	1	0	CP	7.53	46.65	50	0.05		0.185	0.173	6.70	
Dibenzofuran	1	0		7.64	53.76	50			1.608	1.729	7.52	
2,4-Dinitrotoluene	1	0		7.64	51.00	50			0.415	0.424	2.00	
4-Nitrophenol	1	0	CP	7.58	53.76	50	0.05		0.261	0.281	7.52	
2,3,4,6-Tetrachlorophenol	1	0		7.75	50.18	50			0.332	0.333	0.36	
Fluorene	1	0		7.94	49.48	50			1.296	1.282	1.04	
4-Chlorophenyl-phenylether	1	0		7.95	50.24	50			0.630	0.633	0.48	
Diethylphthalate	1	0		7.85	50.17	50			1.338	1.342	0.34	
4-Nitroaniline	1	0		7.96	46.01	50			0.381	0.350	7.98	
Phenanthrene-d10	1	0	I	8.84	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.99	46.35	50			0.154	0.143	7.30	
n-Nitrosodiphenylamine	1	0	CC	8.06	47.71	50	20		0.551	0.526	4.58	
2,4,6-Tribromophenol	1	0	S	8.16	47.62	50			0.086	0.082	4.76	
1,2-Diphenylhydrazine	1	0		8.09	50.91	50			0.787	0.801	1.82	
4-Bromophenyl-phenylether	1	0		8.40	47.96	50			0.205	0.197	4.08	
Hexachlorobenzene	1	0		8.45	48.28	50			0.194	0.187	3.44	
gamma-BHC	1	0		8.71	9.49	10			0.142	0.134	5.10	
Pentachlorophenol	1	0	CC	8.65	45.22	50	20		0.127	0.115	9.56	
Phenanthrene	1	0		8.86	48.55	50			1.154	1.120	2.90	

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:** 5M09779.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/5/05 6:42:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.92	47.92	50			1.172	1.124	4.16	
Carbazole	1	0		9.09	48.09	50			1.070	1.029	3.82	
Heptachlor	1	0		9.36	9.52	10			0.150	0.143	4.80	
Di-n-butylphthalate	1	0		9.50	47.88	50			1.296	1.241	4.24	
Heptachlor epoxide	1	0		10.05	9.91	10			0.104	0.103	0.90	
Fluoranthene	1	0	CC	10.14	46.62	50	20		1.258	1.173	6.76	
Chrysene-d12	1	0	I	11.82	40.00	40				0.000	0.00	
Pyrene	1	0		10.40	50.34	50			1.602	1.613	0.68	
Benzidine	1	0		10.33	44.85	50			0.592	0.531	10.30	
Terphenyl-d14	1	0	S	10.61	24.43	25			0.945	0.923	2.28	
Endrin	1	0		10.84	9.50	10			0.079	0.075	5.00	
Butylbenzylphthalate	1	0		11.22	49.86	50			0.705	0.703	0.28	
Methoxychlor	1	0		11.85	9.47	10			0.735	0.697	5.30	
3,3'-Dichlorobenzidine	1	0		11.81	46.04	50			0.460	0.424	7.92	
Benzo[a]anthracene	1	0		11.81	48.82	50			1.471	1.436	2.36	
Chrysene	1	0		11.85	47.60	50			1.349	1.284	4.80	
bis(2-Ethylhexyl)phthalate	1	0		11.94	48.33	50			0.974	0.942	3.34	
Perylene-d12	1	0	I	13.40	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.68	50.89	50	20		2.190	2.229	1.78	
Benzo[b]fluoranthene	1	0		13.01	52.94	50			1.579	1.672	5.88	
Benzo[k]fluoranthene	1	0		13.04	50.40	50			1.599	1.612	0.80	
Benzo[a]pyrene	1	0	CC	13.34	49.83	50	20		1.486	1.481	0.34	
Indeno[1,2,3-cd]pyrene	1	0		14.42	53.98	50			1.610	1.738	7.96	
Dibenzo[a,h]anthracene	1	0		14.45	53.82	50			1.336	1.439	7.64	
Benzo[g,h,i]perylene	1	0		14.69	54.65	50			1.347	1.472	9.30	
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\08-05-05\5M09779.D Vial: 2
Acq On : 5 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 5 7:13 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	17569	40.00	ng	-0.15
20) Naphthalene-d8	6.14	136	70683	40.00	ng	-0.14
36) Acenaphthene-d10	7.47	164	38532	40.00	ng	-0.16
61) Phenanthrene-d10	8.84	188	69550	40.00	ng	-0.19
77) Chrysene-d12	11.82	240	55217	40.00	ng	-0.22
88) Perylene-d12	13.40	264	40060	40.00	ng	-0.22
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	28403	48.00	ng	-0.19
Spiked Amount 200.000			Recovery = 24.00%			
8) Phenol-d5	4.80	99	38027	43.95	ng	-0.15
Spiked Amount 200.000			Recovery = 21.98%			
21) Nitrobenzene-d5	5.58	128	7425	23.99	ng	-0.14
Spiked Amount 100.000			Recovery = 23.99%			
41) 2-Fluorobiphenyl	6.95	172	31623	26.26	ng	-0.14
Spiked Amount 100.000			Recovery = 26.26%			
64) 2,4,6-Tribromophenol	8.16	330	7088	47.62	ng	-0.18
Spiked Amount 200.000			Recovery = 23.81%			
80) Terphenyl-d14	10.61	244	31867	24.43	ng	-0.20
Spiked Amount 100.000			Recovery = 24.43%			
Target Compounds						Qvalue
2) Pyridine	1.97	79	35445	48.38	ng	97
3) N-Nitrosodimethylamine	1.92	74	20580	46.19	ng	89
5) Aniline	4.81	93	45478	45.79	ng	91
6) Pentachloroethane	4.84	117	11004	50.80	ng	99
7) bis(2-Chloroethyl)ether	4.89	93	31290	50.33	ng	97
9) Phenol	4.81	94	42149	45.96	ng	75
10) 2-Chlorophenol	4.91	128	31603	45.40	ng	94
11) 1,3-Dichlorobenzene	5.05	146	33571	52.12	ng	99
12) 1,4-Dichlorobenzene	5.12	146	33833	51.33	ng	99
13) 1,2-Dichlorobenzene	5.25	146	31978	50.89	ng	98
14) Benzyl alcohol	5.24	108	21389	46.53	ng	99
15) bis(2-chloroisopropyl)ethe	5.36	45	49153	52.05	ng	96
16) 2-Methylphenol	5.34	108	31760	49.97	ng	98
17) Hexachloroethane	5.52	117	14913	54.55	ng	97
18) N-Nitroso-di-n-propylamine	5.46	70	24716	49.33	ng	98
19) 3&4-Methylphenol	5.47	108	32434	48.00	ng	97
22) Nitrobenzene	5.59	77	35057	50.50	ng	98
23) Isophorone	5.78	82	63510	49.15	ng	95
24) 2-Nitrophenol	5.84	139	18182	51.04	ng	92

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

1810

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09779.D Vial: 2
Acq On : 5 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 5 7:13 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	5.90	107	32982	48.67	ng	99
26)	Benzoic Acid	5.98	105	13987	35.96	ng	97
27)	bis(2-Chloroethoxy)methane	5.97	93	35732	48.33	ng	100
28)	2,4-Dichlorophenol	6.04	162	26489	46.88	ng	98
29)	1,2,4-Trichlorobenzene	6.09	180	29685	51.24	ng	99
30)	Naphthalene	6.15	128	94365	50.95	ng	100
31)	4-Chloroaniline	6.20	127	36372	50.29	ng	99
32)	Hexachlorobutadiene	6.25	225	15891	49.75	ng	97
33)	4-Chloro-3-methylphenol	6.57	107	29512	47.30	ng	94
34)	2-Methylnaphthalene	6.67	142	60973	47.66	ng	97
35)	Methylnaphthalenes (Total)	6.67	142	60973	47.66	ng	97
37)	1,2,4,5-Tetrachlorobenzene	6.79	216	26618	51.15	ng	97
38)	Hexachlorocyclopentadiene	6.79	237	17821	55.61	ng	98
39)	2,4,6-Trichlorophenol	6.89	196	18674	49.79	ng	99
40)	2,4,5-Trichlorophenol	6.91	196	21249	52.09	ng	96
42)	2-Chloronaphthalene	7.03	162	58240	53.47	ng	98
43)	1,4-Dimethylnaphthalene	7.30	156	43182	52.10	ng	95
44)	Dimethylnaphthalenes (Tota	7.30	156	43182	52.10	ng	95
45)	Diphenyl Ether	7.10	170	51138	71.06	ng	94
46)	2-Nitroaniline	7.11	65	23712	57.16	ng	99
47)	Acenaphthylene	7.36	152	89397	51.96	ng	99
48)	Dimethylphthalate	7.26	163	64183	51.05	ng	99
49)	2,6-Dinitrotoluene	7.31	165	14741	50.91	ng	90
50)	Acenaphthene	7.50	153	57174	53.72	ng	98
51)	3-Nitroaniline	7.44	138	17290	54.69	ng	95
52)	2,4-Dinitrophenol	7.53	184	8312	46.65	ng	83
53)	Dibenzofuran	7.64	168	83284	53.76	ng	97
54)	2,4-Dinitrotoluene	7.64	165	20401	51.00	ng	98
55)	4-Nitrophenol	7.58	65	13530	53.76	ng	88
56)	2,3,4,6-Tetrachlorophenol	7.75	232	16056	50.18	ng	99
57)	Fluorene	7.94	166	61758	49.48	ng	98
58)	4-Chlorophenyl-phenylether	7.95	204	30480	50.24	ng	96
59)	Diethylphthalate	7.85	149	64641	50.17	ng	99
60)	4-Nitroaniline	7.96	138	16871	46.01	ng	98
62)	4,6-Dinitro-2-methylphenol	7.99	198	12394	46.35	ng	100
63)	n-Nitrosodiphenylamine	8.06	169	45739	47.71	ng	99
65)	1,2-Diphenylhydrazine	8.09	77	69658	50.91	ng	99
66)	4-Bromophenyl-phenylether	8.40	248	17105	47.96	ng	94
67)	Hexachlorobenzene	8.45	284	16256	48.28	ng	90
68)	gamma-BHC	8.71	181	2337	9.49	ng	96
69)	Pentachlorophenol	8.65	266	9981	45.22	ng	94

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09779.D Vial: 2
Acq On : 5 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 5 7:13 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

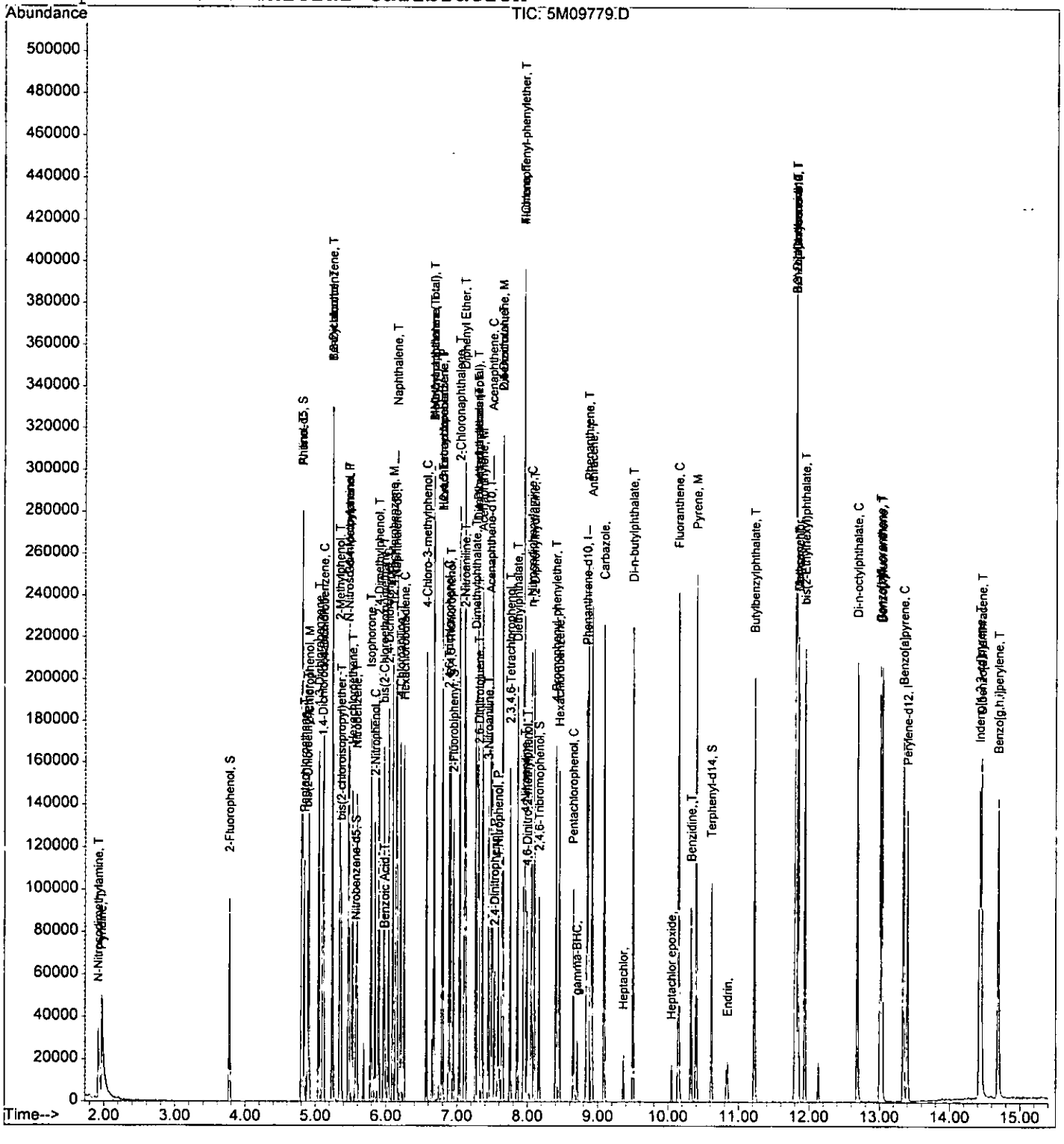
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Phenanthrene	8.86	178	97375	48.55	ng	99
71)	Anthracene	8.92	178	97685	47.92	ng	98
72)	Carbazole	9.09	167	89501	48.09	ng	100
73)	Heptachlor	9.36	100	2479	9.52	ng	94
74)	Di-n-butylphthalate	9.50	149	107903	47.88	ng	99
75)	Heptachlor epoxide	10.05	81	1793	9.91	ng	94
76)	Fluoranthene	10.14	202	101945	46.62	ng	97
78)	Pyrene	10.40	202	111326	50.34	ng	94
79)	Benzidine	10.33	184	36624	44.85	ng	98
81)	Endrin	10.84	81	1034	9.50	ng	85
82)	Butylbenzylphthalate	11.22	149	48527	49.86	ng	95
83)	Methoxychlor	11.85	227	9616	9.47	ng	100
84)	3,3'-Dichlorobenzidine	11.81	252	29266	46.04	ng	98
85)	Benzo[a]anthracene	11.81	228	99123	48.82	ng	99
86)	Chrysene	11.85	228	88636	47.60	ng	99
87)	bis(2-Ethylhexyl)phthalate	11.94	149	64994	48.33	ng	98
89)	Di-n-octylphthalate	12.68	149	111635	50.89	ng	99
90)	Benzo[b]fluoranthene	13.01	252	83733	52.94	ng	98
91)	Benzo[k]fluoranthene	13.04	252	80697	50.40	ng	94
92)	Benzo[a]pyrene	13.34	252	74171	49.83	ng	99
93)	Indeno[1,2,3-cd]pyrene	14.42	276	87042	53.98	ng	93
94)	Dibenzo[a,h]anthracene	14.45	278	72039	53.82	ng	97
95)	Benzo[g,h,i]perylene	14.69	276	73715	54.65	ng	94

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09779.D Vial: 2
Acq On : 5 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 5 7:13 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:** 4M05385.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/5/05 8:18:00 AM **Method:** 8270

000871

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	4.91	40.00	40				0.000	0.00	
Pyridine	1	0		2.29	55.41	50			1.515	1.679	10.82	
N-Nitrosodimethylamine	1	0		2.24	42.75	50			0.917	0.784	14.50	
2-Fluorophenol	1	0	S	3.76	52.42	50			1.128	1.183	4.84	
Aniline	1	0		4.64	57.54	50			1.631	1.878	15.08	
bis(2-Chloroethyl)ether	1	0		4.70	55.92	50			1.226	1.372	11.84	
Phenol-d5	1	0	S	4.62	52.81	50			1.502	1.586	5.62	
Phenol	1	0	CC	4.63	54.87	50	20		1.625	1.783	9.74	
2-Chlorophenol	1	0		4.73	49.00	50			1.244	1.219	2.00	
1,3-Dichlorobenzene	1	0		4.85	50.78	50			1.335	1.356	1.56	
1,4-Dichlorobenzene	1	0	CC	4.93	51.63	50	20		1.306	1.349	3.26	
1,2-Dichlorobenzene	1	0		5.04	53.05	50			1.281	1.359	6.10	
Benzyl alcohol	1	0		5.03	50.02	50			0.775	0.775	0.04	
bis(2-chloroisopropyl)ether	1	0		5.13	49.71	50			3.011	2.993	0.58	
2-Methylphenol	1	0		5.12	49.59	50			1.038	1.029	0.82	
Hexachloroethane	1	0		5.30	55.71	50			0.610	0.680	11.42	
N-Nitroso-di-n-propylamine	1	0	CP	5.23	47.76	50	0.05		1.070	1.021	4.48	
3&4-Methylphenol	1	0		5.24	47.11	50			1.070	1.008	5.78	
Naphthalene-d8	1	0	I	5.91	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.34	24.93	25			0.200	0.200	0.28	
Nitrobenzene	1	0		5.36	47.46	50			0.417	0.396	5.08	
Isophorone	1	0		5.55	51.57	50			0.797	0.822	3.14	
2-Nitrophenol	1	0	CC	5.61	50.51	50	20		0.216	0.218	1.02	
2,4-Dimethylphenol	1	0		5.65	46.13	50			0.398	0.368	7.74	
Benzoic Acid	1	0		5.72	59.37	50			0.069	0.082	18.74	
bis(2-Chloroethoxy)methane	1	0		5.72	52.22	50			0.476	0.497	4.44	
2,4-Dichlorophenol	1	0	CC	5.79	47.83	50	20		0.327	0.313	4.34	
1,2,4-Trichlorobenzene	1	0		5.87	49.64	50			0.351	0.348	0.72	
Naphthalene	1	0		5.93	55.23	50			0.879	0.971	10.46	
4-Chloroaniline	1	0		5.97	58.79	50			0.342	0.402	17.58	
Hexachlorobutadiene	1	0	CC	6.03	51.81	50	20		0.225	0.233	3.62	
4-Chloro-3-methylphenol	1	0	CC	6.37	43.83	50	20		0.365	0.320	12.34	
2-Methylnaphthalene	1	0		6.50	51.18	50			0.615	0.629	2.36	
Methylnaphthalene	1	0		6.50	51.18							
Acenaphthene-d10	1	0	I	7.48	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.65	56.47	50			0.653	0.738	12.94	
Hexachlorocyclopentadiene	1	0	CP	6.64	53.10	50	0.05		0.459	0.488	6.20	
2,4,6-Trichlorophenol	1	0	CC	6.76	55.86	50	20		0.470	0.526	11.72	
2,4,5-Trichlorophenol	1	0		6.79	52.94	50			0.482	0.510	5.88	
2-Fluorobiphenyl	1	0	S	6.84	25.60	25			1.282	1.312	2.40	
2-Chloronaphthalene	1	0		6.94	52.54	50			1.120	1.177	5.08	
2-Nitroaniline	1	0		7.04	51.67	50			0.663	0.685	3.34	
1,4-Dimethylnaphthalene	1	0		7.27	53.91	50			0.770	0.831	7.82	
Dimethylnaphthalene	1	0		7.27	53.91							
Diphenyl Ether	1	0		7.03	52.83	50			0.977	1.033	5.66	
Acenaphthylene	1	0		7.34	55.59	50			1.719	1.911	11.18	
Dimethylphthalate	1	0		7.23	48.93	50			1.413	1.383	2.14	
2,6-Dinitrotoluene	1	0		7.28	51.01	50			0.337	0.343	2.02	
Acenaphthene	1	0	CC	7.51	53.60	50	20		1.127	1.208	7.20	
3-Nitroaniline	1	0		7.44	60.90	50			0.294	0.358	21.80	
2,4-Dinitrophenol	1	0	CP	7.55	33.44	50	0.05		0.191	0.128	33.12	
Dibenzofuran	1	0		7.69	54.59	50			1.485	1.622	9.18	
2,4-Dinitrotoluene	1	0		7.69	51.76	50			0.440	0.456	3.52	
4-Nitrophenol	1	0	CP	7.61	47.30	50	0.05		0.377	0.357	5.40	
Fluorene	1	0		8.05	55.37	50			1.092	1.210	10.74	
4-Chlorophenyl-phenylether	1	0		8.05	49.79	50			0.656	0.653	0.42	
Diethylphthalate	1	0		7.94	49.05	50			1.474	1.446	1.90	
4-Nitroaniline	1	0		8.07	49.93	50			0.378	0.377	0.14	
Phenanthrene-d10	1	0	I	9.08	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.12	46.38	50			0.144	0.133	7.24	
n-Nitrosodiphenylamine	1	0	CC	8.19	55.45	50	20		0.507	0.563	10.90	
2,4,6-Tribromophenol	1	0	S	8.31	55.61	50			0.179	0.199	11.22	
1,2-Diphenylhydrazine	1	0		8.23	54.01	50			0.910	0.983	8.02	
4-Bromophenyl-phenylether	1	0		8.60	53.99	50			0.259	0.279	7.98	
Hexachlorobenzene	1	0		8.65	56.28	50			0.347	0.391	12.56	
Pentachlorophenol	1	0	CC	8.87	44.31	50	20		0.189	0.168	11.38	
Phenanthrene	1	0		9.11	54.18	50			0.999	1.083	8.36	
Anthracene	1	0		9.17	54.83	50			1.015	1.113	9.66	
Carbazole	1	0		9.36	54.75	50			0.931	1.020	9.50	
Di-n-butylphthalate	1	0		9.81	53.98	50			1.362	1.470	7.96	

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:** 4M05385.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/5/05 8:18:00 AM **Method:** 8270

0000872

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.50	52.26	50	20		1.039	1.086	4.52	
Chrysene-d12	1	0	I	12.28	40.00	40				0.000	0.00	
Pyrene	1	0		10.76	48.62	50			1.538	1.496	2.76	
Benzidine	1	0		10.68	55.26	50			0.434	0.479	10.52	
Terphenyl-d14	1	0	S	10.98	22.65	25			1.127	1.021	9.40	
Butylbenzylphthalate	1	0		11.62	49.36	50			0.750	0.740	1.28	
3,3'-Dichlorobenzidine	1	0		12.27	65.41	50			0.303	0.396	30.82	
Benzo[a]anthracene	1	0		12.27	50.94	50			1.255	1.279	1.88	
Chrysene	1	0		12.32	51.03	50			1.121	1.145	2.06	
bis(2-Ethylhexyl)phthalate	1	0		12.41	52.13	50			0.976	1.017	4.26	
Perylene-d12	1	0	I	14.13	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.27	44.72	50	20		2.191	1.960	10.56	
Benzo[b]fluoranthene	1	0		13.66	46.51	50			1.664	1.548	6.98	
Benzo[k]fluoranthene	1	0		13.70	49.27	50			1.441	1.420	1.46	
Benzo[a]pyrene	1	0	CC	14.07	48.72	50	20		1.368	1.333	2.56	
Indeno[1,2,3-cd]pyrene	1	0		15.36	58.85	50			1.241	1.460	17.70	
Dibenzo[a,h]anthracene	1	0		15.40	57.76	50			1.016	1.174	15.52	
Benzo[g,h,i]perylene	1	0		15.65	62.63	50			0.990	1.240	25.26	
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\08-05-05\4M05385.D Vial: 2
Acq On : 5 Aug 2005 8:18 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 8:36 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 : 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	4.91	152	33586	40.00 ng	-0.04
19) Naphthalene-d8	5.91	136	104620	40.00 ng	-0.04
35) Acenaphthene-d10	7.48	164	54282	40.00 ng	-0.05
59) Phenanthrene-d10	9.08	188	87118	40.00 ng	-0.06
72) Chrysene-d12	12.28	240	65220	40.00 ng	-0.06
81) Perylene-d12	14.13	264	48868	40.00 ng	-0.06
System Monitoring Compounds					
4) 2-Fluorophenol	3.76	112	49658	52.42 ng	-0.04
Spiked Amount 200.000			Recovery = 26.21%		
7) Phenol-d5	4.62	99	66603	52.81 ng	-0.04
Spiked Amount 200.000			Recovery = 26.41%		
20) Nitrobenzene-d5	5.34	128	13057	24.93 ng	-0.04
Spiked Amount 100.000			Recovery = 24.93%		
40) 2-Fluorobiphenyl	6.84	172	44528	25.60 ng	-0.04
Spiked Amount 100.000			Recovery = 25.60%		
62) 2,4,6-Tribromophenol	8.31	332	21684	55.61 ng	-0.05
Spiked Amount 200.000			Recovery = 27.81%		
75) Terphenyl-d14	10.98	244	41622	22.65 ng	-0.05
Spiked Amount 100.000			Recovery = 22.65%		
Target Compounds					Qvalue
2) Pyridine	2.29	79	70490	55.41 ng	93
3) N-Nitrosodimethylamine	2.24	74	32905	42.75 ng	88
5) Aniline	4.64	93	78823	57.54 ng	46
6) bis(2-Chloroethyl)ether	4.70	93	57587	55.92 ng	96
8) Phenol	4.63	94	74872	54.87 ng	61
9) 2-Chlorophenol	4.73	128	51192	49.00 ng	77
10) 1,3-Dichlorobenzene	4.85	146	56933	50.78 ng	98
11) 1,4-Dichlorobenzene	4.93	146	56633	51.63 ng	96
12) 1,2-Dichlorobenzene	5.04	146	57063	53.05 ng	98
13) Benzyl alcohol	5.03	108	32557	50.02 ng	87
14) bis(2-chloroisopropyl)ethe	5.13	45	125670	49.71 ng	98
15) 2-Methylphenol	5.12	108	43203	49.59 ng	99
16) Hexachloroethane	5.30	117	28539	55.71 ng	90
17) N-Nitroso-di-n-propylamine	5.23	70	42885	47.76 ng	92
18) 3&4-Methylphenol	5.24	108	42336	47.11 ng	96
21) Nitrobenzene	5.36	77	51761	47.46 ng	81
22) Isophorone	5.55	82	107455	51.57 ng	96
23) 2-Nitrophenol	5.61	139	28501	50.51 ng	75
24) 2,4-Dimethylphenol	5.65	107	48079	46.13 ng	97

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

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05385.D Vial: 2
Acq On : 5 Aug 2005 8:18 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 8:36 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 : 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	10747	59.37 ng	99
26)	bis(2-Chloroethoxy)methane	5.72	93	65009	52.22 ng	98
27)	2,4-Dichlorophenol	5.79	162	40946	47.83 ng	97
28)	1,2,4-Trichlorobenzene	5.87	180	45574	49.64 ng	90
29)	Naphthalene	5.93	128	126927	55.23 ng	99
30)	4-Chloroaniline	5.97	127	52532	58.79 ng	97
31)	Hexachlorobutadiene	6.03	225	30523	51.81 ng	98
32)	4-Chloro-3-methylphenol	6.37	107	41834	43.83 ng	82
33)	2-Methylnaphthalene	6.50	142	82301	51.18 ng	97
34)	Methylnaphthalene(Total)	6.50	142	82301	51.18 ng	97
36)	1,2,4,5-Tetrachlorobenzene	6.65	216	50044	56.47 ng	98
37)	Hexachlorocyclopentadiene	6.64	237	33099	53.10 ng	96
38)	2,4,6-Trichlorophenol	6.76	196	35657	55.86 ng	99
39)	2,4,5-Trichlorophenol	6.79	196	34619	52.94 ng	98
41)	2-Chloronaphthalene	6.94	162	79861	52.54 ng	92
42)	2-Nitroaniline	7.04	65	46497	51.67 ng	85
43)	1,4-Dimethylnaphthalene	7.27	156	56356	53.91 ng	89
44)	Dimethylnaphthalene(Total)	7.27	156	56356	53.91 ng	89
45)	Diphenyl Ether	7.03	170	70070	52.83 ng	77
46)	Acenaphthylene	7.34	152	129700	55.59 ng	99
47)	Dimethylphthalate	7.23	163	93854	48.93 ng	98
48)	2,6-Dinitrotoluene	7.28	165	23293	51.01 ng	87
49)	Acenaphthene	7.51	153	81962	53.60 ng	99
50)	3-Nitroaniline	7.44	138	24258	60.90 ng	91
51)	2,4-Dinitrophenol	7.55	184	8659	33.44 ng	90
52)	Dibenzofuran	7.69	168	110042	54.59 ng	90
53)	2,4-Dinitrotoluene	7.69	165	30908	51.76 ng	88
54)	4-Nitrophenol	7.61	65	24207	47.30 ng	100
55)	Fluorene	8.05	166	82072	55.37 ng	94
56)	4-Chlorophenyl-phenylether	8.05	204	44302	49.79 ng	84
57)	Diethylphthalate	7.94	149	98105	49.05 ng	99
58)	4-Nitroaniline	8.07	138	25606	49.93 ng	92
60)	4,6-Dinitro-2-methylphenol	8.12	198	14497	46.38 ng	100
61)	n-Nitrosodiphenylamine	8.19	169	61276	55.45 ng	99
63)	1,2-Diphenylhydrazine	8.23	77	106996	54.01 ng	87
64)	4-Bromophenyl-phenylether	8.60	248	30404	53.99 ng	81
65)	Hexachlorobenzene	8.65	284	42569	56.28 ng	98
66)	Pentachlorophenol	8.87	266	18261	44.31 ng	98
67)	Phenanthrene	9.11	178	117901	54.18 ng	98
68)	Anthracene	9.17	178	121161	54.83 ng	99
69)	Carbazole	9.36	167	111031	54.75 ng	99

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05385.D Vial: 2
Acq On : 5 Aug 2005 8:18 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 8:36 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 : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

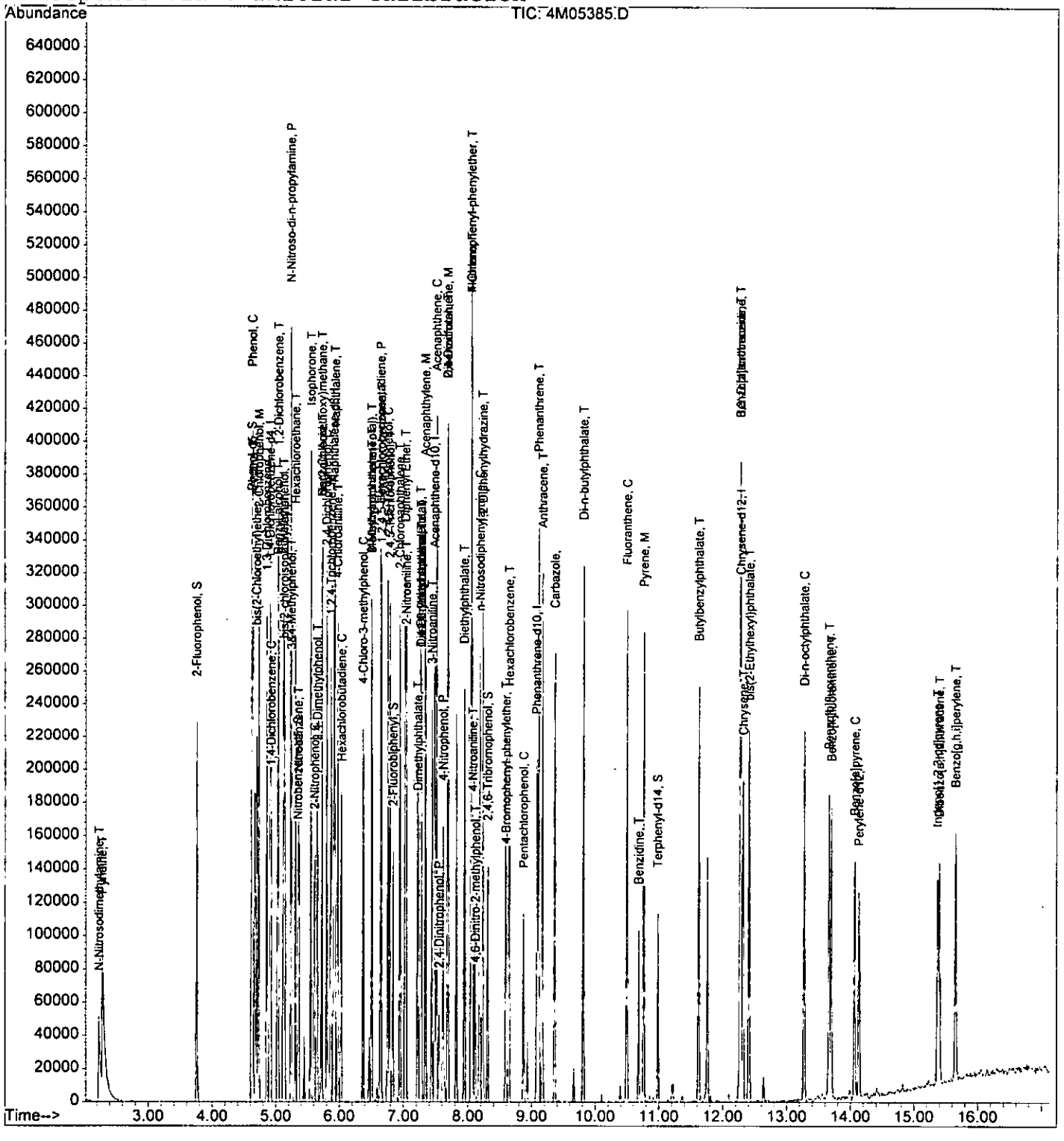
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.81	149	160120	53.98	ng	99
71)	Fluoranthene	10.50	202	118297	52.26	ng	89
73)	Pyrene	10.76	202	121958	48.62	ng	87
74)	Benzidine	10.68	184	39073	55.26	ng	96
76)	Butylbenzylphthalate	11.62	149	60361	49.36	ng	87
77)	3,3'-Dichlorobenzidine	12.27	252	32265	65.41	ng	97
78)	Benzo[a]anthracene	12.27	228	104278	50.94	ng	99
79)	Chrysene	12.32	228	93313	51.03	ng	99
80)	bis(2-Ethylhexyl)phthalate	12.41	149	82924	52.13	ng	94
82)	Di-n-octylphthalate	13.27	149	119715	44.72	ng	97
83)	Benzo[b]fluoranthene	13.66	252	94543	46.51	ng	97
84)	Benzo[k]fluoranthene	13.70	252	86743	49.27	ng	99
85)	Benzo[a]pyrene	14.07	252	81404	48.72	ng	94
86)	Indeno[1,2,3-cd]pyrene	15.36	276	89201	58.85	ng	92
87)	Dibenzo[a,h]anthracene	15.40	278	71694	57.76	ng	98
88)	Benzo[g,h,i]perylene	15.65	276	75771	62.63	ng	94

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05385.D Vial: 2
Acq On : 5 Aug 2005 8:18 Operator: AHD
Sample : CAL BNA@50PPM Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 8:36 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



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M09827.D **Instrument:** GCMS_5

Cont Calibration Date/Time 8/8/2005 6:40:00 AM **Method:** 8270

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 8/8/2005 6:40:00 AM **Method:** 8270

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: 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

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

16/10

Quantitation Report (Not Reviewed)

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: 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

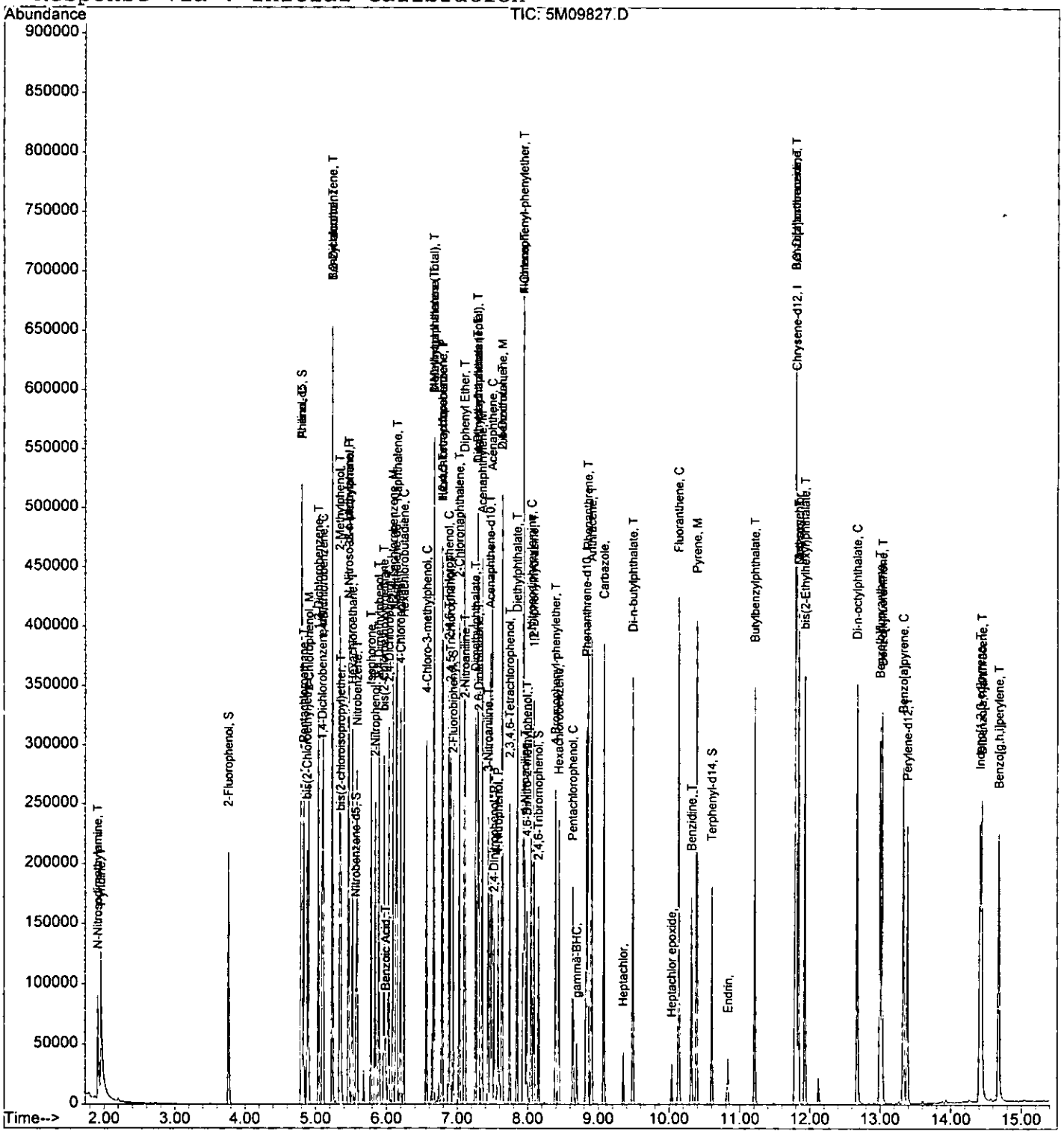
Quant Method : G:\GCMSDATA\2005\GCMS_5\METHODS\5M_0722.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Fri Jul 22 11:58:10 2005
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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

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 8/8/2005 6:59:00 AM **Method:** 8270

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.

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:** 4M05426.D **Instrument:** GCMS_4

Cont Calibration Date/Time 8/8/2005 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: 2
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_0805.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

n80

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05426.D Vial: 2
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: 2
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

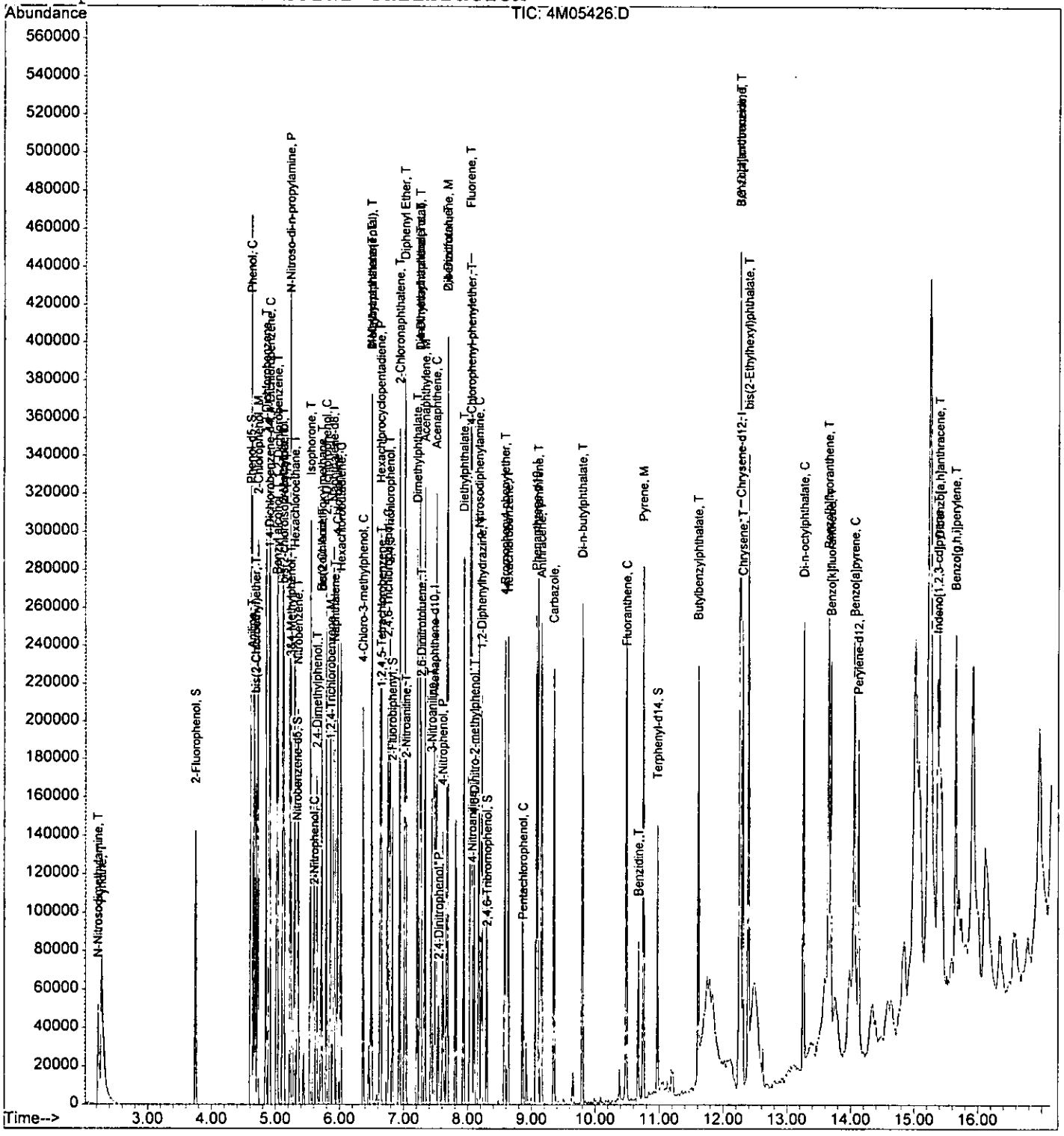
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
70)	Di-n-butylphthalate	9.80	149	146922	52.33	ng	98
71)	Fluoranthene	10.49	202	124842	58.26	ng	85
73)	Pyrene	10.75	202	123125	46.49	ng	99
74)	Benzidine	10.68	184	38609	51.73	ng	96
76)	Butylbenzylphthalate	11.61	149	62562	48.46	ng	96
77)	3,3'-Dichlorobenzidine	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: 2
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



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

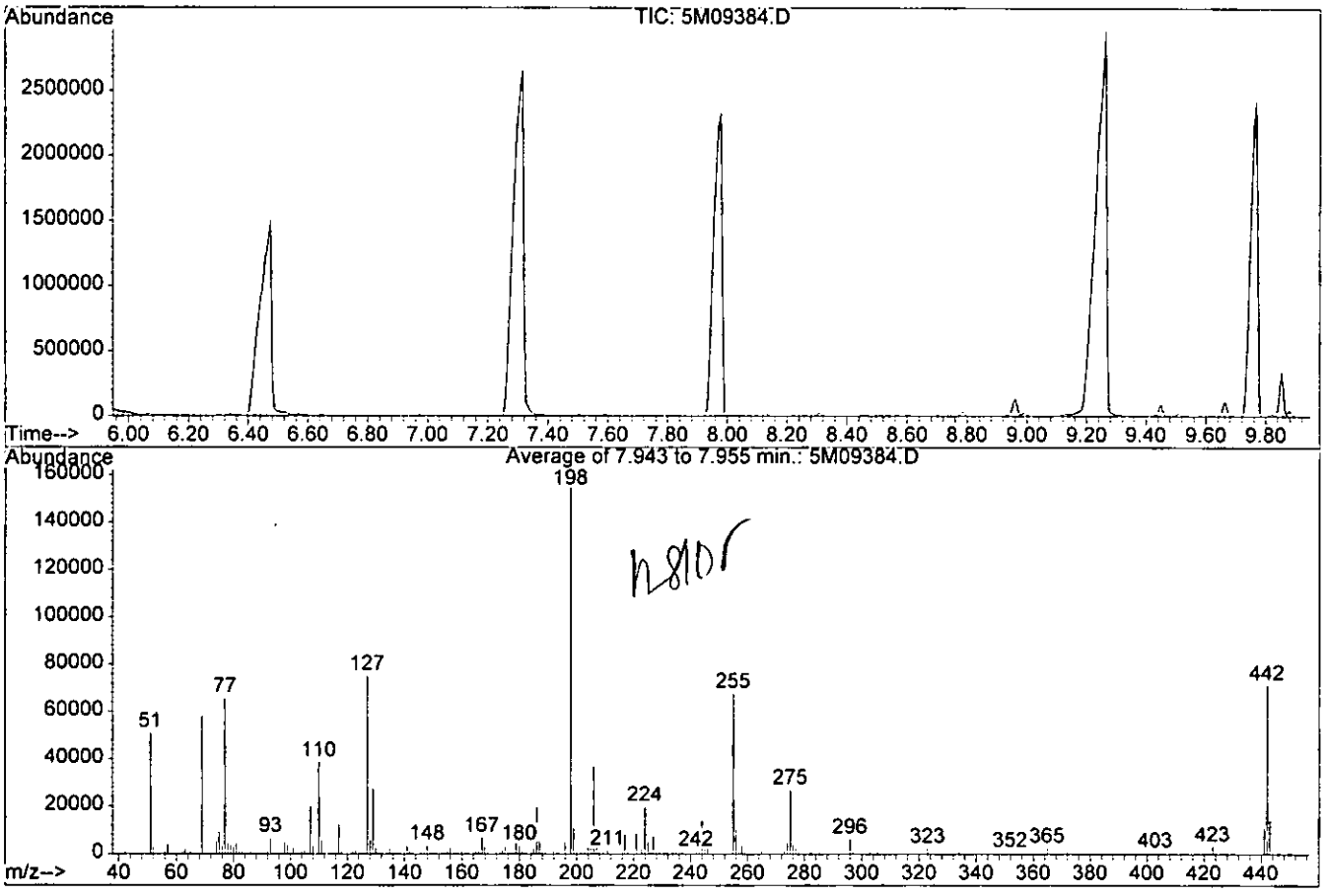
Tune Scan/Time Range: Average of 7.943 to 7.955 min

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: 1
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 Wed Aug 10 16:18:53 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

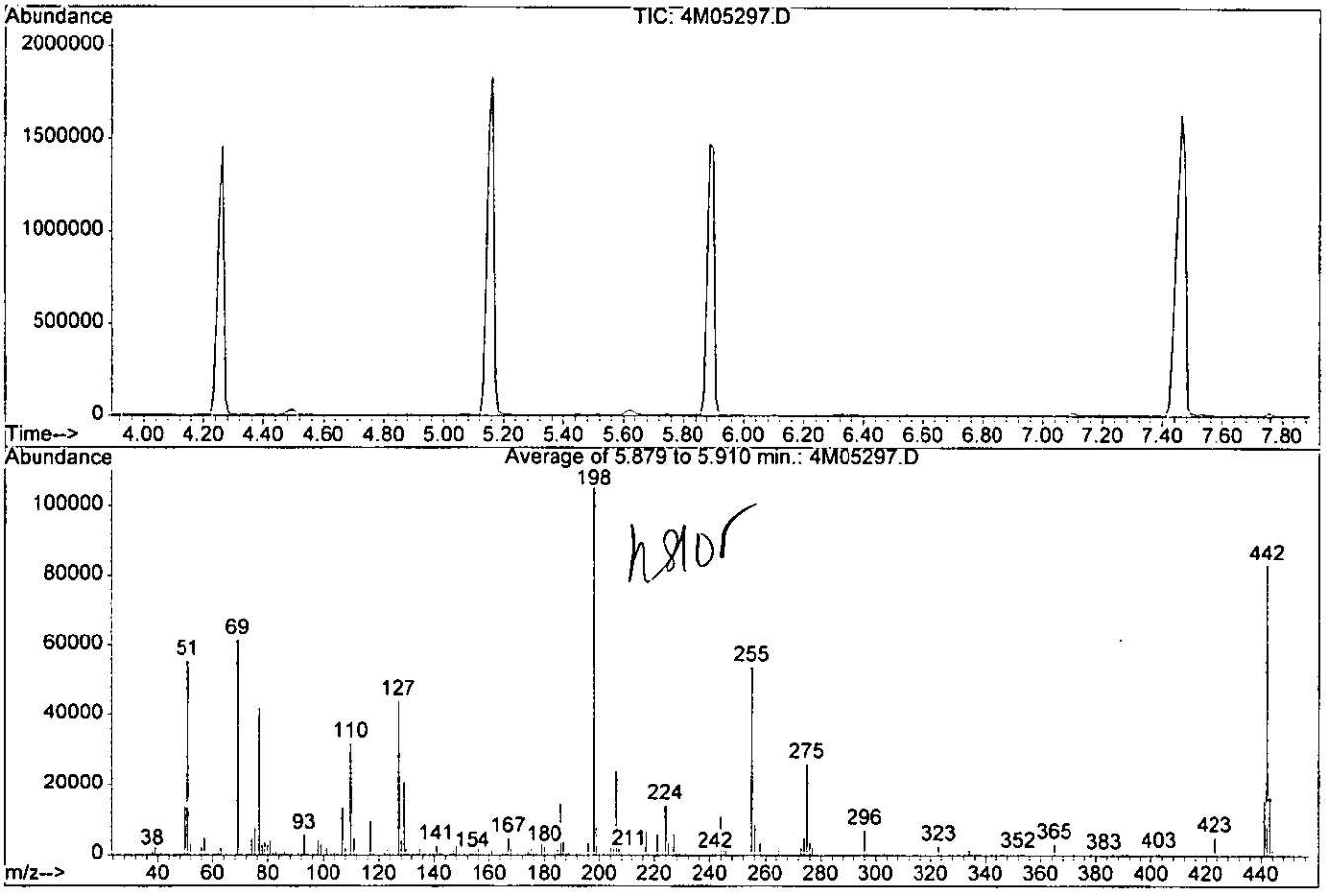
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.6	55404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.5	61615	PASS
70	69	0.00	2	0.5	338	PASS
127	198	40	60	41.7	43931	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	105386	PASS
199	198	5	9	7.3	7679	PASS
275	198	10	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

000893



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

4M05297.D 5M_0722.M Wed Aug 10 16:18:55 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09735.D
Instrument: GCMS_5 **Analysis Date:** 08/04/05 06:25

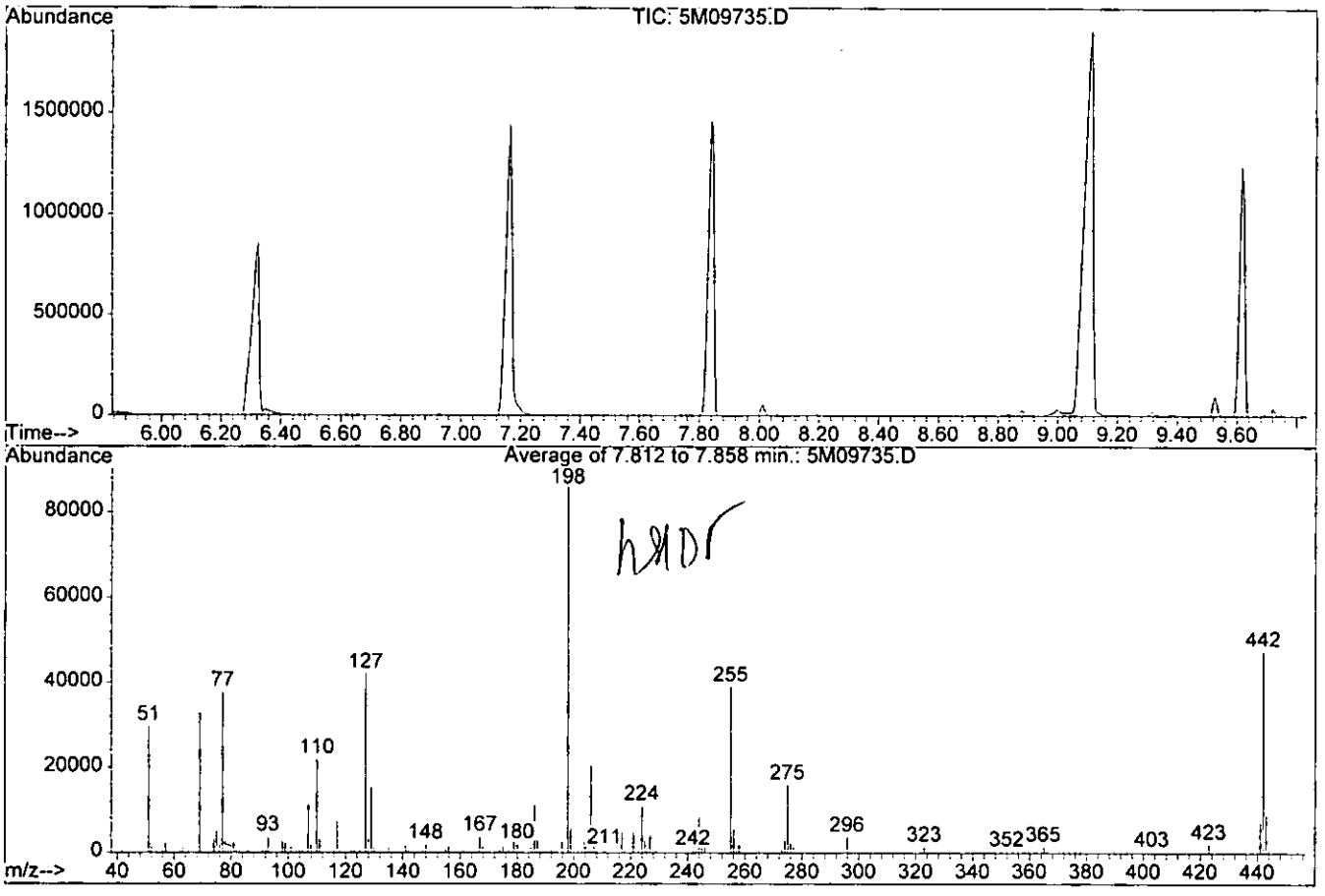
Tune Scan/Time Range: Average of 7.812 to 7.858 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.5	29672	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.4	33009	PASS
70	69	0.00	2	0.2	53	PASS
127	198	40	60	48.9	42075	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	86042	PASS
199	198	5	9	6.7	5746	PASS
275	198	10	30	18.5	15876	PASS
365	198	1	100	1.6	1394	PASS
441	443	0.01	100	79.0	7136	PASS
442	198	40	100	55.2	47514	PASS
443	442	17	23	19.0	9034	PASS

Data File	Sample Number	Analysis Date:
5M09736.D	CAL BNA@50PPM	08/04/05 06:44
5M09737.D	WMB2631	08/04/05 07:06
5M09738.D	WMB2631(MS)	08/04/05 07:31
5M09739.D	AC18852-001(T)	08/04/05 07:53
5M09740.D	AC18832-004	08/04/05 08:15
5M09741.D	AC18832-004(MS)	08/04/05 08:37
5M09742.D	AC18832-004(MS	08/04/05 08:59
5M09743.D	AC18897-001	08/04/05 09:20
5M09744.D	AC18897-002	08/04/05 09:42
5M09745.D	SMB2607	08/04/05 10:04
5M09746.D	SMB2608	08/04/05 10:26
5M09747.D	SMB2608(MS)	08/04/05 10:48
5M09748.D	AC18855-001	08/04/05 11:09
5M09749.D	AC18855-001(MS)	08/04/05 11:31
5M09750.D	AC18855-001(MS	08/04/05 11:53
5M09751.D	AC18807-007	08/04/05 12:15
5M09752.D	AC18820-012	08/04/05 12:37
5M09753.D	AC18847-005	08/04/05 12:59
5M09754.D	AC18847-013	08/04/05 13:21
5M09755.D	AC18847-014	08/04/05 13:42
5M09756.D	AC18847-015	08/04/05 14:04
5M09757.D	AC18847-016	08/04/05 14:26
5M09758.D	AC18847-017	08/04/05 14:48
5M09759.D	AC18786-005	08/04/05 15:10
5M09760.D	AC18786-007	08/04/05 15:32
5M09761.D	AC18786-008	08/04/05 15:54
5M09762.D	AC18786-009	08/04/05 16:16
5M09763.D	AC18786-010	08/04/05 16:38
5M09764.D	AC18786-017	08/04/05 17:00
5M09765.D	AC18796-015	08/04/05 17:22
5M09766.D	AC18796-016	08/04/05 17:44
5M09767.D	AC18796-018	08/04/05 18:06
5M09768.D	AC18796-019	08/04/05 18:29
5M09769.D	AC18832-001	08/04/05 18:50
5M09770.D	AC18832-002	08/04/05 19:12
5M09771.D	AC18832-003	08/04/05 19:34
5M09772.D	AC18825-005	08/04/05 19:56
5M09773.D	AC18825-007	08/04/05 20:18
5M09774.D	AC18823-001	08/04/05 20:40
5M09775.D	AC18823-003	08/04/05 21:02
5M09776.D	AC18841-001	08/04/05 21:24
5M09777.D	AC18841-002	08/04/05 21:46

DFTPP

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09735.D Vial: 1
Acq On : 4 Aug 2005 6:25 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 7.812 to 7.858 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.5	29672	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.4	33009	PASS
70	69	0.00	2	0.2	53	PASS
127	198	40	60	48.9	42075	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	86042	PASS
199	198	5	9	6.7	5746	PASS
275	198	10	30	18.5	15876	PASS
365	198	1	100	1.6	1394	PASS
441	443	0.01	100	79.0	7136	PASS
442	198	40	100	55.2	47514	PASS
443	442	17	23	19.0	9034	PASS

5M09735.D 5M_0722.M Wed Aug 10 16:18:58 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05352.D
Instrument: GCMS_4 **Analysis Date:** 08/04/05 17:16

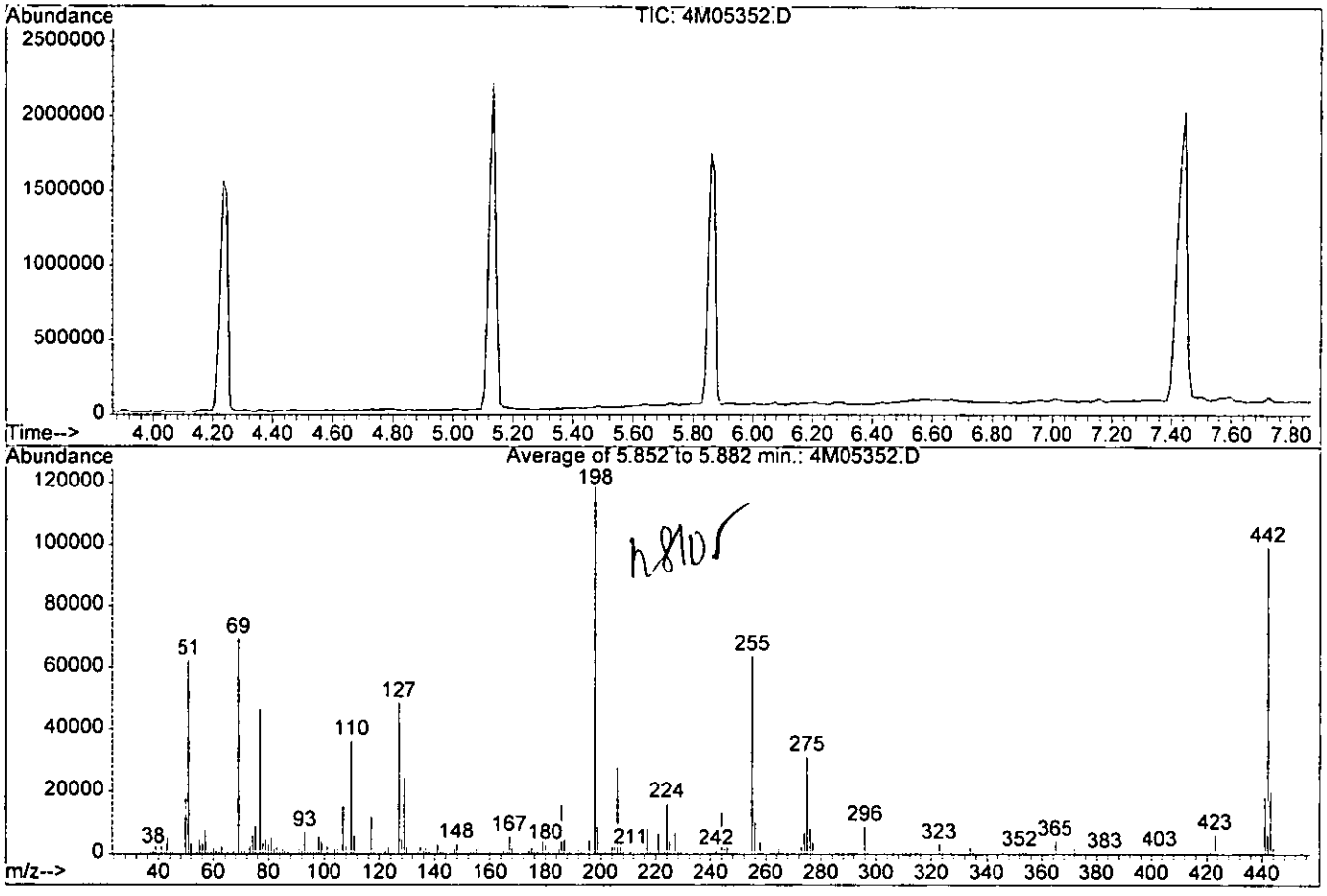
Tune Scan/Time Range: Average of 5.852 to 5.882 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.4	62186	PASS
68	69	0.00	2	0.4	245	PASS
69	198	0.00	100	58.5	69451	PASS
70	69	0.00	2	1.8	1245	PASS
127	198	40	60	41.1	48713	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	118658	PASS
199	198	5	9	7.3	8683	PASS
275	198	10	30	26.4	31296	PASS
365	198	1	100	3.5	4102	PASS
441	443	0.01	100	92.0	18417	PASS
442	198	40	100	83.8	99432	PASS
443	442	17	23	20.1	20029	PASS

Data File	Sample Number	Analysis Date:
4M05353.D	CAL BNA@50PPM	08/04/05 17:37
4M05354.D	SMB2609(MS)	08/04/05 18:01
4M05355.D	SMB2609	08/04/05 18:25
4M05356.D	AC18883-001	08/04/05 18:49
4M05357.D	AC18883-001(MS)	08/04/05 19:14
4M05358.D	AC18883-001(MS	08/04/05 19:38
4M05359.D	AC18847-008	08/04/05 20:02
4M05360.D	AC18847-010	08/04/05 20:26
4M05361.D	AC18847-011	08/04/05 20:50
4M05362.D	AC18847-012	08/04/05 21:15
4M05363.D	AC18786-001	08/04/05 21:39
4M05364.D	AC18786-002	08/04/05 22:03
4M05365.D	AC18786-003	08/04/05 22:27
4M05366.D	AC18786-004	08/04/05 22:51
4M05367.D	AC18786-006	08/04/05 23:15
4M05368.D	AC18786-011	08/04/05 23:39
4M05369.D	AC18786-014	08/05/05 00:03
4M05370.D	AC18786-015	08/05/05 00:27
4M05371.D	AC18786-016	08/05/05 00:51
4M05372.D	AC18796-007	08/05/05 01:15
4M05373.D	AC18796-008	08/05/05 01:39
4M05374.D	AC18796-009	08/05/05 02:02
4M05375.D	AC18796-012	08/05/05 02:26
4M05376.D	AC18796-013	08/05/05 02:50
4M05377.D	AC18796-017	08/05/05 03:14
4M05378.D	AC18796-020	08/05/05 03:38
4M05379.D	AC18796-021	08/05/05 04:01
4M05380.D	AC18796-022	08/05/05 04:25
4M05381.D	AC18778-002	08/05/05 04:49
4M05382.D	AC18881-007	08/05/05 05:13

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05352.D Vial: 1
Acq On : 4 Aug 2005 17:16 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 5.852 to 5.882 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.4	62186	PASS
68	69	0.00	2	0.4	245	PASS
69	198	0.00	100	58.5	69451	PASS
70	69	0.00	2	1.8	1245	PASS
127	198	40	60	41.1	48713	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	118658	PASS
199	198	5	9	7.3	8683	PASS
275	198	10	30	26.4	31296	PASS
365	198	1	100	3.5	4102	PASS
441	443	0.01	100	92.0	18417	PASS
442	198	40	100	83.8	99432	PASS
443	442	17	23	20.1	20029	PASS

4M05352.D 4M_0803.M Wed Aug 10 16:19:00 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M09778.D
Instrument: GCMS_5 **Analysis Date:** 08/05/05 06:24

Tune Scan/Time Range: Average of 7.800 to 7.846 min

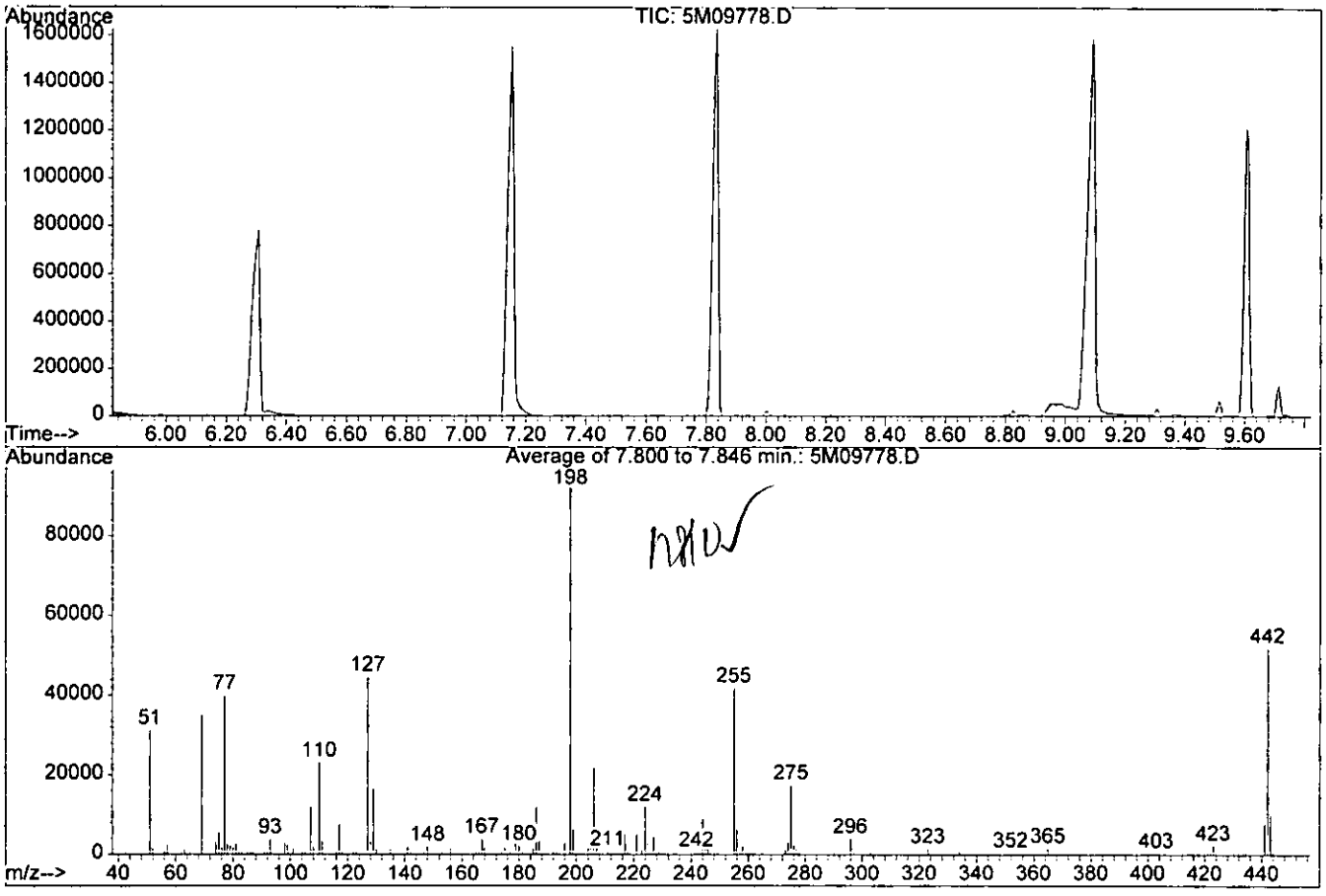
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	33.8	31227	PASS
68	69	0.00	2	0.2	75	PASS
69	198	0.00	100	38.0	35044	PASS
70	69	0.00	2	0.1	52	PASS
127	198	40	60	48.3	44568	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	92293	PASS
199	198	5	9	6.8	6241	PASS
275	198	10	30	18.8	17366	PASS
365	198	1	100	1.5	1425	PASS
441	443	0.01	100	79.0	7831	PASS
442	198	40	100	56.2	51853	PASS
443	442	17	23	19.1	9913	PASS

Data File	Sample Number	Analysis Date:
5M09779.D	CAL BNA@50PPM	08/05/05 06:42
5M09780.D	SMB2610	08/05/05 07:09
5M09781.D	SMB2611	08/05/05 07:31
5M09782.D	SMB2611(MS)	08/05/05 07:52
5M09783.D	WMB2632	08/05/05 08:14
5M09784.D	WMB2632(MS)	08/05/05 08:36
5M09785.D	AC18883-001(T)	08/05/05 08:57
5M09786.D	AC18796-019	08/05/05 09:19
5M09787.D	AC18881-005	08/05/05 09:41
5M09788.D	AC18778-003	08/05/05 10:02
5M09789.D	AC18778-005	08/05/05 10:23
5M09790.D	AC18778-008	08/05/05 10:45
5M09791.D	AC18778-011	08/05/05 11:07
5M09792.D	AC18778-014	08/05/05 11:29
5M09793.D	AC18778-015	08/05/05 11:51
5M09794.D	WMB2633	08/05/05 12:13
5M09795.D	WMB2633(MS)	08/05/05 12:34
5M09796.D	AC18907-005(T)	08/05/05 12:56
5M09797.D	AC18807-002	08/05/05 13:18
5M09798.D	AC18807-003	08/05/05 13:40
5M09799.D	AC18807-005	08/05/05 14:02
5M09800.D	AC18807-006	08/05/05 14:24
5M09801.D	AC18807-008	08/05/05 14:46
5M09802.D	AC18807-010	08/05/05 15:08
5M09803.D	AC18807-013	08/05/05 15:30
5M09804.D	WMB2633	08/05/05 15:52
5M09805.D	AC18807-014	08/05/05 16:14
5M09806.D	AC18778-020	08/05/05 16:36
5M09807.D	AC18778-006	08/05/05 16:58
5M09808.D	AC18778-009	08/05/05 17:20
5M09809.D	AC18778-010	08/05/05 17:41
5M09810.D	AC18778-017	08/05/05 18:03
5M09811.D	AC18807-001	08/05/05 18:25
5M09812.D	AC18778-018	08/05/05 18:47
5M09813.D	AC18832-006	08/05/05 19:09
5M09814.D	AC18832-007	08/05/05 19:30
5M09815.D	AC18836-001	08/05/05 19:52
5M09816.D	AC18836-002	08/05/05 20:14
5M09817.D	AC18839-002	08/05/05 20:35
5M09818.D	AC18839-003	08/05/05 20:57
5M09819.D	AC18858-001	08/05/05 21:18
5M09820.D	AC18858-002	08/05/05 21:40
5M09821.D	AC18858-003	08/05/05 22:01
5M09822.D	AC18858-004	08/05/05 22:23
5M09823.D	AC18858-005	08/05/05 22:44
5M09824.D	AC18858-006	08/05/05 23:06
5M09825.D	AC18832-005	08/05/05 23:27

DFTPP

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09778.D Vial: 1
Acq On : 5 Aug 2005 6:24 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_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270

000899



Spectrum Information: Average of 7.800 to 7.846 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.8	31227	PASS
68	69	0.00	2	0.2	75	PASS
69	198	0.00	100	38.0	35044	PASS
70	69	0.00	2	0.1	52	PASS
127	198	40	60	48.3	44568	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	92293	PASS
199	198	5	9	6.8	6241	PASS
275	198	10	30	18.8	17366	PASS
365	198	1	100	1.5	1425	PASS
441	443	0.01	100	79.0	7831	PASS
442	198	40	100	56.2	51853	PASS
443	442	17	23	19.1	9913	PASS

5M09778.D 4M_0803.M Wed Aug 10 16:19:03 2005 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05383.D
Instrument: GCMS_4 **Analysis Date:** 08/05/05 06:36

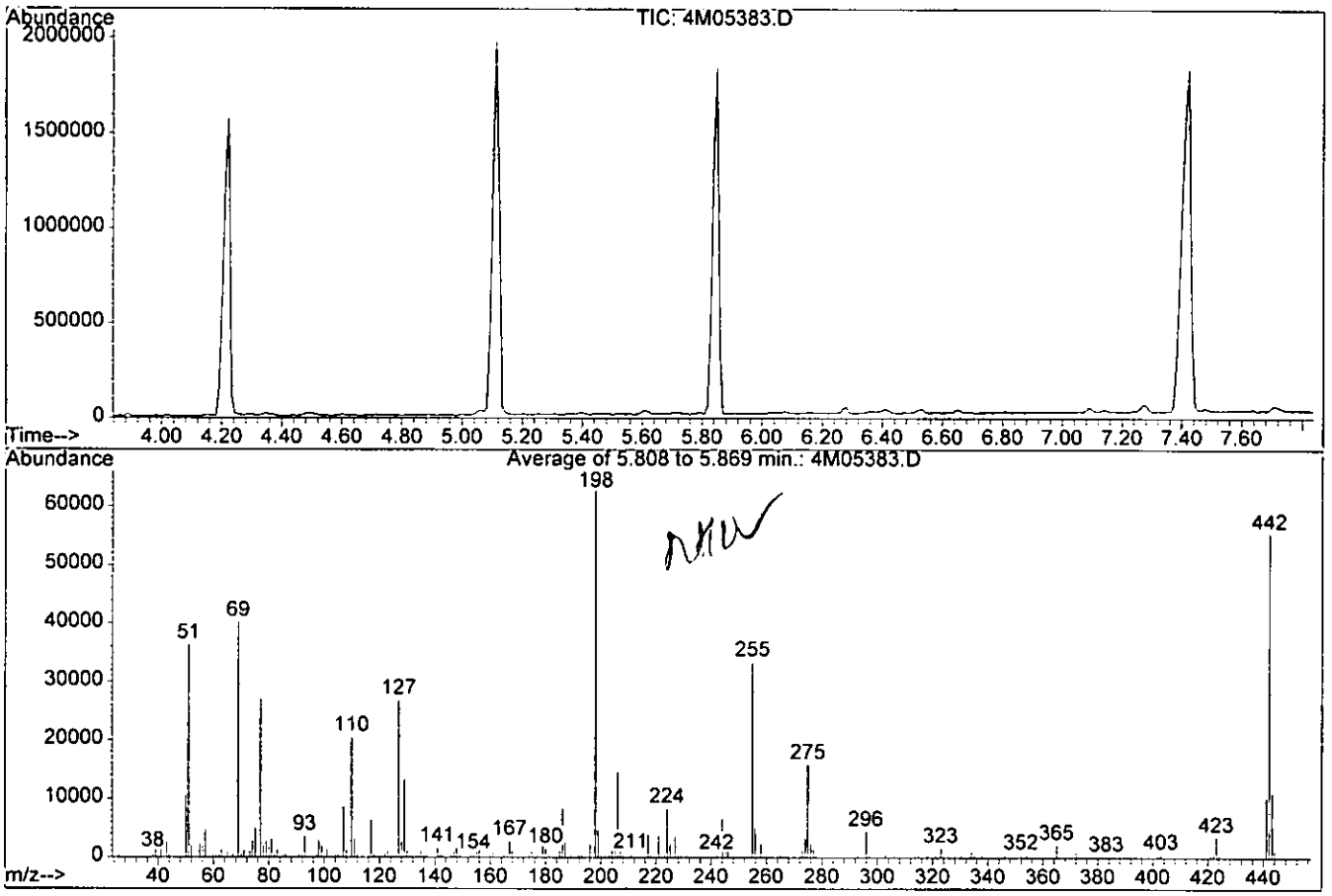
Tune Scan/Time Range: Average of 5.808 to 5.869 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	57.8	36280	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.0	40160	PASS
70	69	0.00	2	1.7	678	PASS
127	198	40	60	42.7	26809	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	62744	PASS
199	198	5	9	7.5	4697	PASS
275	198	10	30	25.2	15835	PASS
365	198	1	100	3.3	2098	PASS
441	443	0.01	100	91.5	10190	PASS
442	198	40	100	88.2	55330	PASS
443	442	17	23	20.1	11137	PASS

Data File	Sample Number	Analysis Date:
4M05384.D	CAL BNA@50PPM	08/05/05 06:58
4M05385.D	CAL BNA@50PPM	08/05/05 08:18
4M05386.D	SMB2610	08/05/05 08:42
4M05387.D	SMB2610(MS)	08/05/05 09:06
4M05388.D	AC18807-009	08/05/05 09:30
4M05389.D	AC18807-011(MS:	08/05/05 09:54
4M05390.D	AC18807-012(MS	08/05/05 10:18
4M05391.D	AC18847-004(R)	08/05/05 10:42
4M05392.D	SMB2611	08/05/05 11:06
4M05393.D	AC18881-001	08/05/05 11:30
4M05394.D	AC18883-001(R)	08/05/05 11:54
4M05395.D	AC18881-001(R)	08/05/05 12:18
4M05396.D	AC18778-012	08/05/05 12:42
4M05397.D	AC18881-002(3X)	08/05/05 13:06
4M05398.D	AC18881-006(3X)	08/05/05 13:30
4M05399.D	AC18881-003	08/05/05 13:54
4M05400.D	AC18881-004	08/05/05 14:18
4M05401.D	AC18855-002	08/05/05 14:42
4M05402.D	AC18855-003	08/05/05 15:06
4M05403.D	AC18855-004	08/05/05 15:31
4M05404.D	AC18807-004	08/05/05 15:55
4M05405.D	SMB2612(MS)	08/05/05 16:19
4M05406.D	SMB2612	08/05/05 16:43
4M05407.D	AC18907-005	08/05/05 17:07
4M05408.D	AC18881-004(3X)	08/05/05 17:31
4M05409.D	AC18881-002(30X)	08/05/05 17:55
4M05410.D	AC18920-002(20X)	08/05/05 18:19
4M05411.D	AC18920-003(20X)	08/05/05 18:43
4M05412.D	AC18920-001(10X)	08/05/05 19:07
4M05413.D	AC18778-013	08/05/05 19:31
4M05414.D	AC18778-004	08/05/05 19:55
4M05415.D	AC18778-001	08/05/05 20:19
4M05416.D	AC18778-019	08/05/05 20:43
4M05417.D	AC18778-016	08/05/05 21:07
4M05418.D	AC18778-007	08/05/05 21:31
4M05419.D	TEST	08/05/05 21:55
4M05420.D	TEST	08/05/05 22:19
4M05421.D	TEST	08/05/05 22:43
4M05422.D	TEST	08/05/05 23:07
4M05423.D	TEST	08/05/05 23:31
4M05424.D	TEST	08/05/05 23:54

DFTPP

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05383.D Vial: 1
Acq On : 5 Aug 2005 6:36 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 5.808 to 5.869 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	57.8	36280	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.0	40160	PASS
70	69	0.00	2	1.7	678	PASS
127	198	40	60	42.7	26809	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	62744	PASS
199	198	5	9	7.5	4697	PASS
275	198	10	30	25.2	15835	PASS
365	198	1	100	3.3	2098	PASS
441	443	0.01	100	91.5	10190	PASS
442	198	40	100	88.2	55330	PASS
443	442	17	23	20.1	11137	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

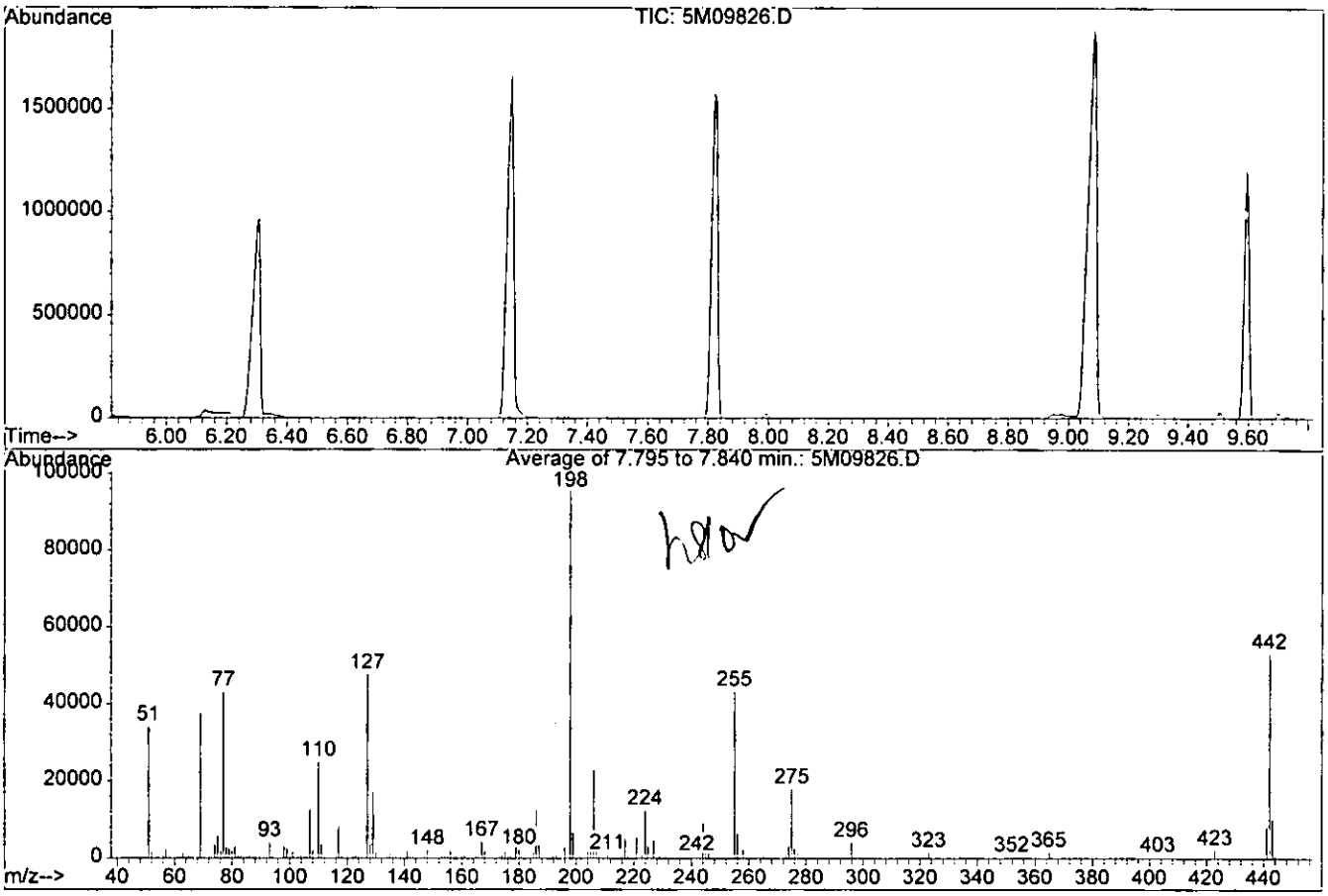
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	35.5	34016	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.2	37569	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.6	47553	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	95784	PASS
199	198	5	9	6.7	6464	PASS
275	198	10	30	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: 1
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

000003



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

5M09826.D 5M_0722.M Wed Aug 10 16:19:07 2005 RPT1

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

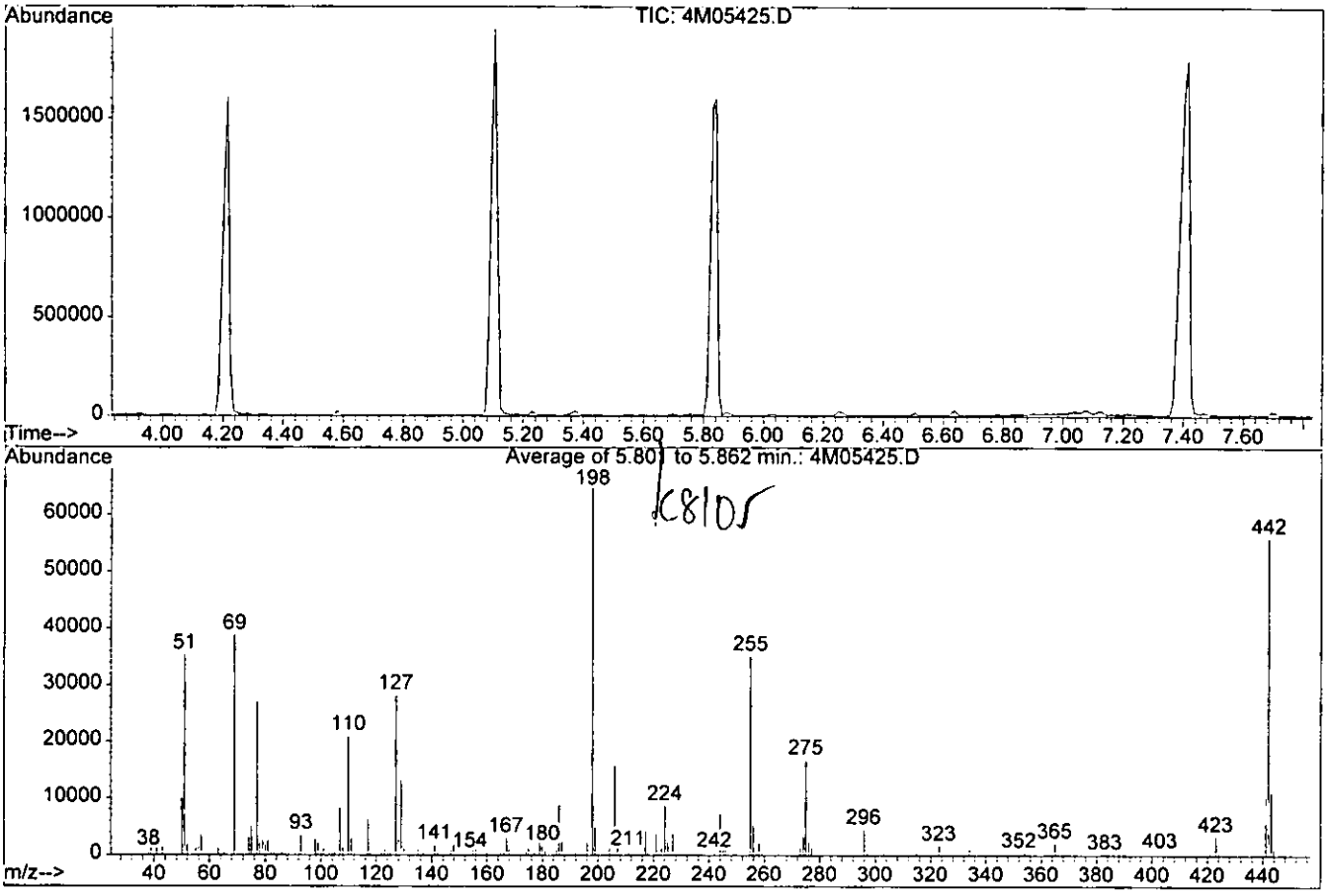
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	54.5	35295	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.9	38787	PASS
70	69	0.00	2	0.3	119	PASS
127	198	40	60	43.5	28152	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	64745	PASS
199	198	5	9	7.6	4939	PASS
275	198	10	30	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

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

000005



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

4M05425.D 5M_0722.M Wed Aug 10 16:19:10 2005 RPT1

Form1

ORGANICS SEMIVOLATILE REPORT

0006006

Sample Number: SMB2609
Client Id:
Data File: 4M05355.D
Analysis Date: 08/04/05 18:25
Date Rec/Extracted: NA-08/04/05

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**	**0.046**
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 #: 18054

Total Target Concentration 0.046

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_4\Data\08-0405\4M05355.D Vial: 4
Acq On : 4 Aug 2005 18:25 Operator: AHD
Sample : SMB2609 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 15:16 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	4.92	152	46639	40.00	ng	-0.02
19) Naphthalene-d8	5.92	136	146961	40.00	ng	-0.03
35) Acenaphthene-d10	7.49	164	92153	40.00	ng	-0.04
59) Phenanthrene-d10	9.10	188	175134	40.00	ng	-0.04
72) Chrysene-d12	12.30	240	183677	40.00	ng	-0.04
81) Perylene-d12	14.16	264	162299	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	207394	157.65	ng	-0.02
Spiked Amount 200.000			Recovery = 78.83%			
7) Phenol-d5	4.64	99	321155	183.38	ng	-0.02
Spiked Amount 200.000			Recovery = 91.69%			
20) Nitrobenzene-d5	5.36	128	67824	92.19	ng	-0.02
Spiked Amount 100.000			Recovery = 92.19%			
40) 2-Fluorobiphenyl	6.85	172	234895	79.55	ng	-0.03
Spiked Amount 100.000			Recovery = 79.55%			
62) 2,4,6-Tribromophenol	8.33	332	147475	188.13	ng	-0.03
Spiked Amount 200.000			Recovery = 94.07%			
75) Terphenyl-d14	11.00	244	347404	67.13	ng	-0.03
Spiked Amount 100.000			Recovery = 67.13%			
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.82	149	8263	1.39	ng	95

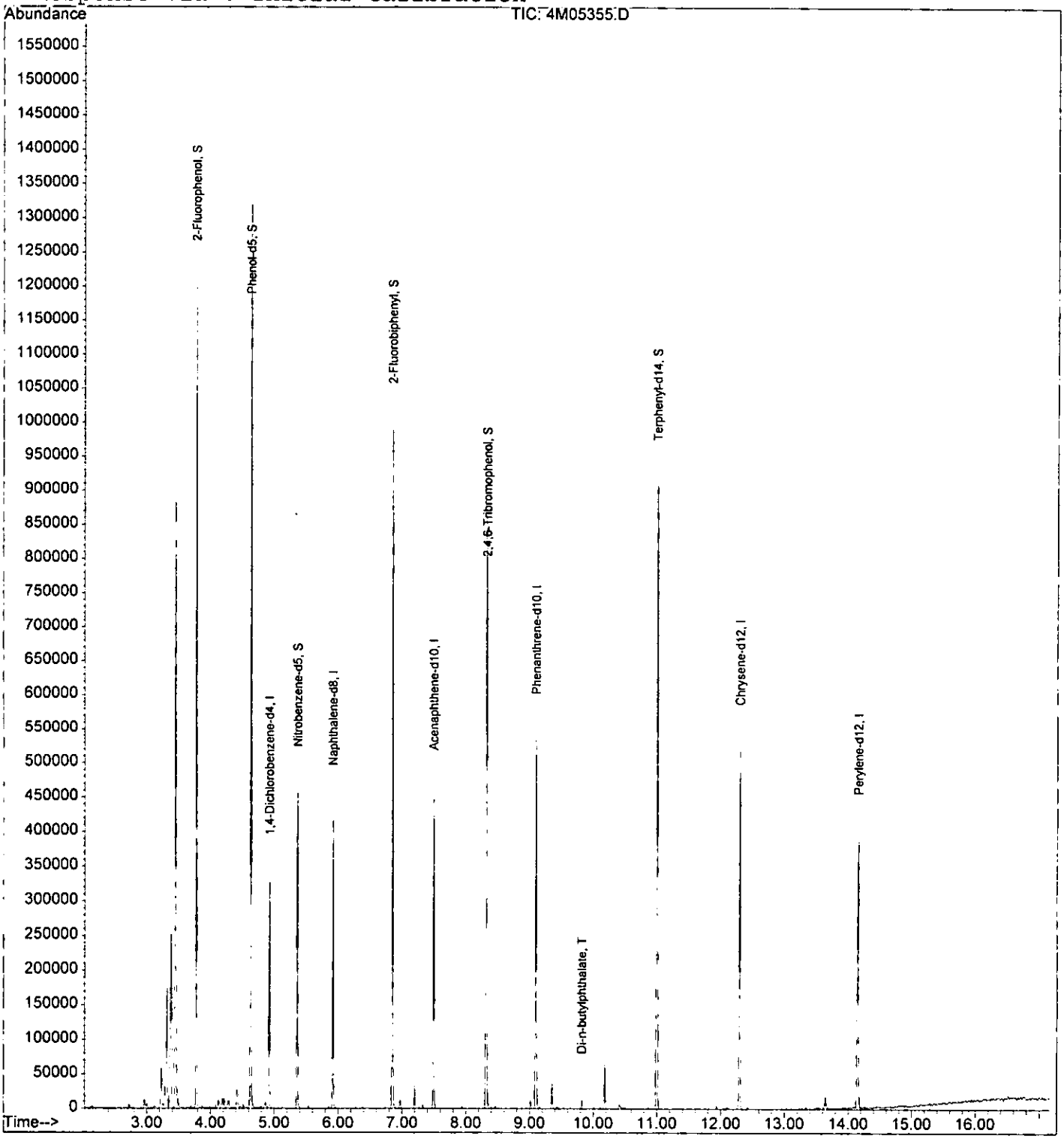
4810r

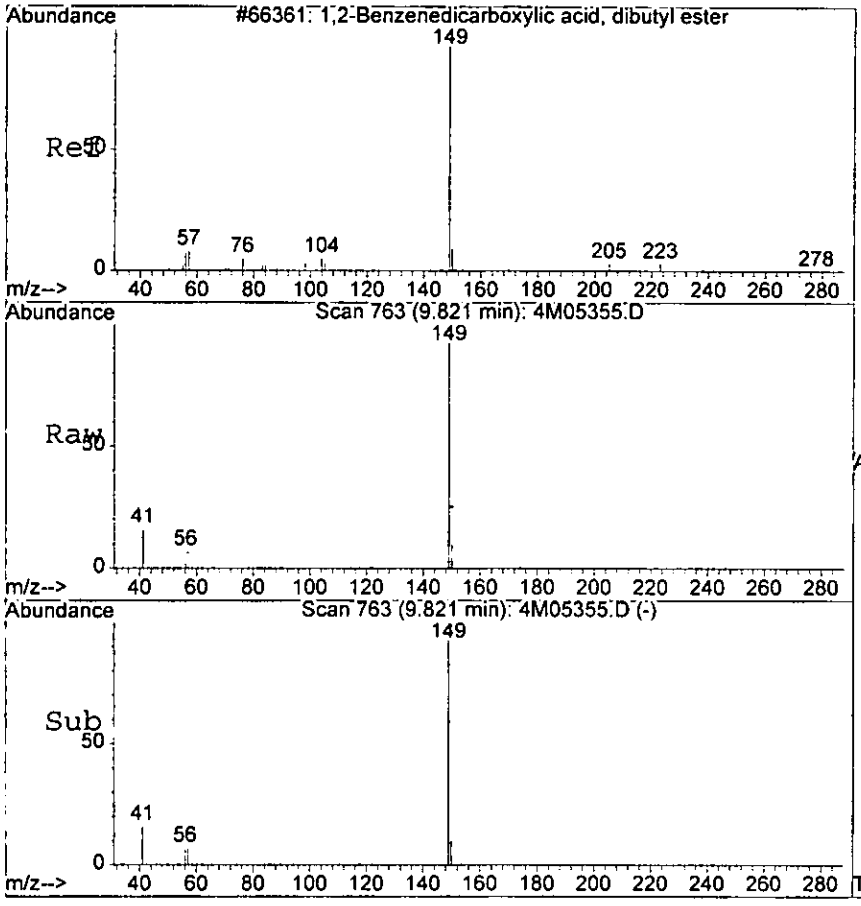
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05355.D Vial: 4
Acq On : 4 Aug 2005 18:25 Operator: AHD
Sample : SMB2609 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 15:16 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

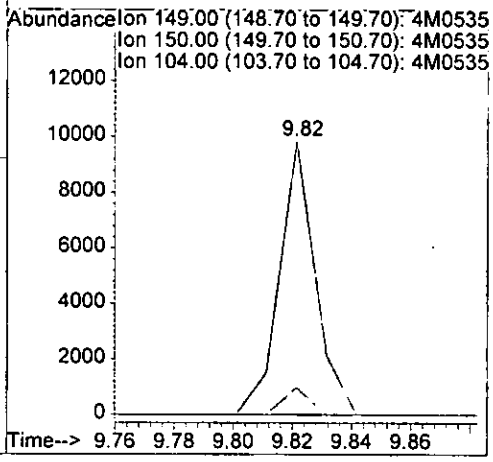




#70
Di-n-butylphthalate
Concen: 1.39 ng
RT: 9.82 min Scan# 763
Delta R.T. -0.04 min
Lab File: 4M05355.D
Acq: 4 Aug 2005 18:25

Tgt Ion:149 Resp: 8263

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	49.8
104	0.0	0.0	44.6



18105

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2610
Client Id:
Data File: 5M09780.D
Analysis Date: 08/05/05 07:09
Date Rec/Extracted: NA-08/04/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

0030510

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 #: 18054

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\08-05-05\5M09780.D Vial: 3
Acq On : 5 Aug 2005 7:09 Operator: AHD
Sample : SMB2610 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:32 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 : 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	23226	40.00	ng	-0.15
20) Naphthalene-d8	6.14	136	88373	40.00	ng	-0.14
36) Acenaphthene-d10	7.48	164	51486	40.00	ng	-0.16
61) Phenanthrene-d10	8.84	188	90184	40.00	ng	-0.19
77) Chrysene-d12	11.82	240	65517	40.00	ng	-0.22
88) Perylene-d12	13.40	264	47027	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	124697	159.40	ng	-0.19
Spiked Amount 200.000			Recovery =	79.70%		
8) Phenol-d5	4.81	99	169212	147.93	ng	-0.14
Spiked Amount 200.000			Recovery =	73.97%		
21) Nitrobenzene-d5	5.58	128	31044	80.23	ng	-0.14
Spiked Amount 100.000			Recovery =	80.23%		
41) 2-Fluorobiphenyl	6.95	172	129930	80.73	ng	-0.14
Spiked Amount 100.000			Recovery =	80.73%		
64) 2,4,6-Tribromophenol	8.17	330	32558	168.69	ng	-0.18
Spiked Amount 200.000			Recovery =	84.35%		
80) Terphenyl-d14	10.62	244	151100	97.62	ng	-0.19
Spiked Amount 100.000			Recovery =	97.62%		
Target Compounds						Qvalue

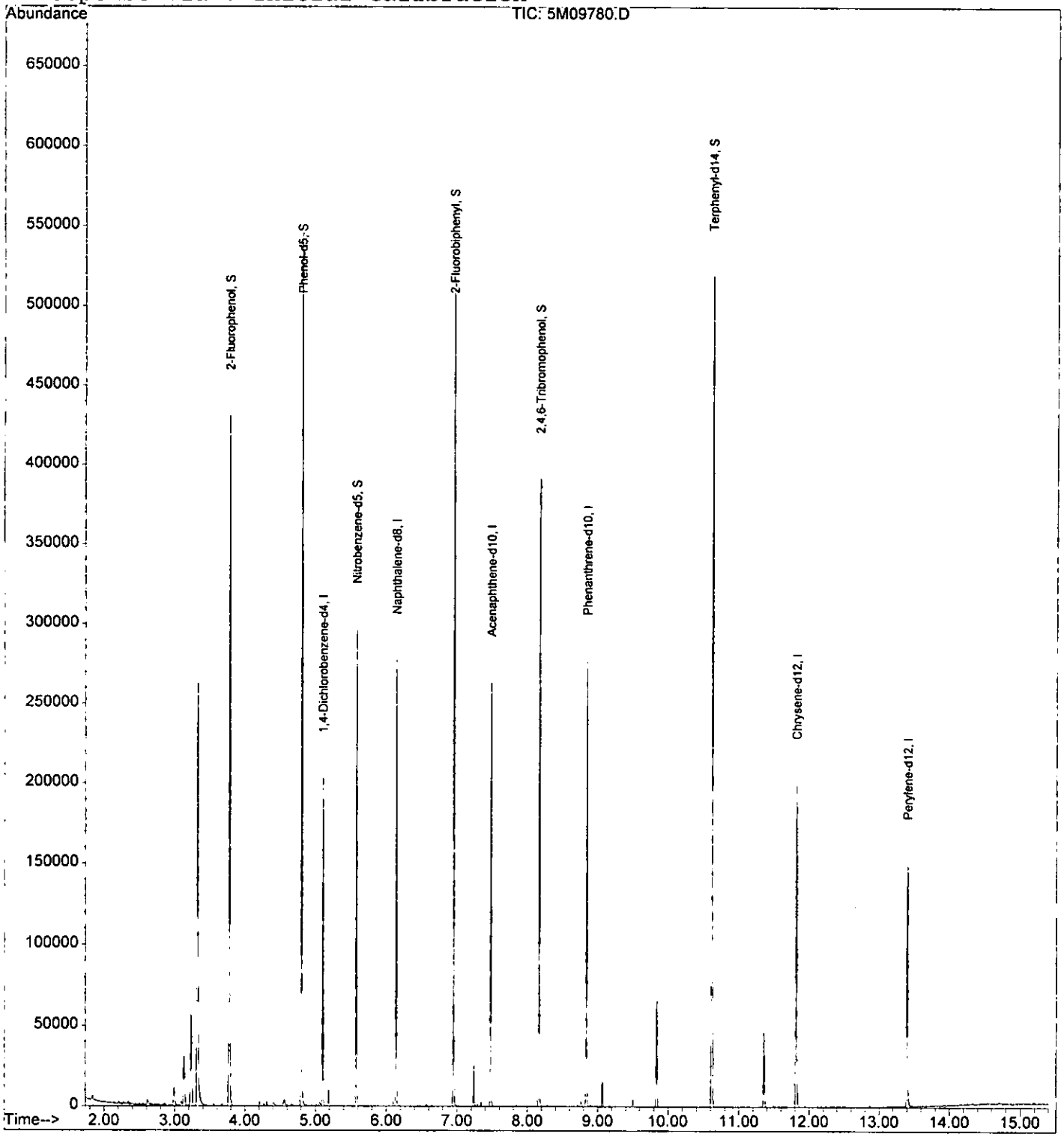
8/10/05

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-05-05\5M09780.D Vial: 3
Acq On : 5 Aug 2005 7:09 Operator: AHD
Sample : SMB2610 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:32 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



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2613
Client Id:
Data File: 4M05428.D
Analysis Date: 08/08/05 07:49
Date Rec/Extracted: NA-08/07/05

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 #: 18054

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\08-08-05\4M05428.D Vial: 4
Acq On : 8 Aug 2005 7:49 Operator: AHD
Sample : SMB2613 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:33 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	39428	40.00	ng	-0.04
19) Naphthalene-d8	5.90	136	119863	40.00	ng	-0.04
35) Acenaphthene-d10	7.46	164	65103	40.00	ng	-0.06
59) Phenanthrene-d10	9.07	188	102453	40.00	ng	-0.06
72) Chrysene-d12	12.27	240	94992	40.00	ng	-0.06
81) Perylene-d12	14.12	264	83360	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.74	112	119701	107.63	ng	-0.05
Spiked Amount 200.000			Recovery = 53.82%			
7) Phenol-d5	4.61	99	170363	115.07	ng	-0.04
Spiked Amount 200.000			Recovery = 57.53%			
20) Nitrobenzene-d5	5.34	128	34300	57.16	ng	-0.04
Spiked Amount 100.000			Recovery = 57.16%			
40) 2-Fluorobiphenyl	6.82	172	118128	56.62	ng	-0.05
Spiked Amount 100.000			Recovery = 56.62%			
62) 2,4,6-Tribromophenol	8.29	332	52531	114.55	ng	-0.06
Spiked Amount 200.000			Recovery = 57.28%			
75) Terphenyl-d14	10.97	244	124188	46.40	ng	-0.05
Spiked Amount 100.000			Recovery = 46.40%			
Target Compounds						Qvalue

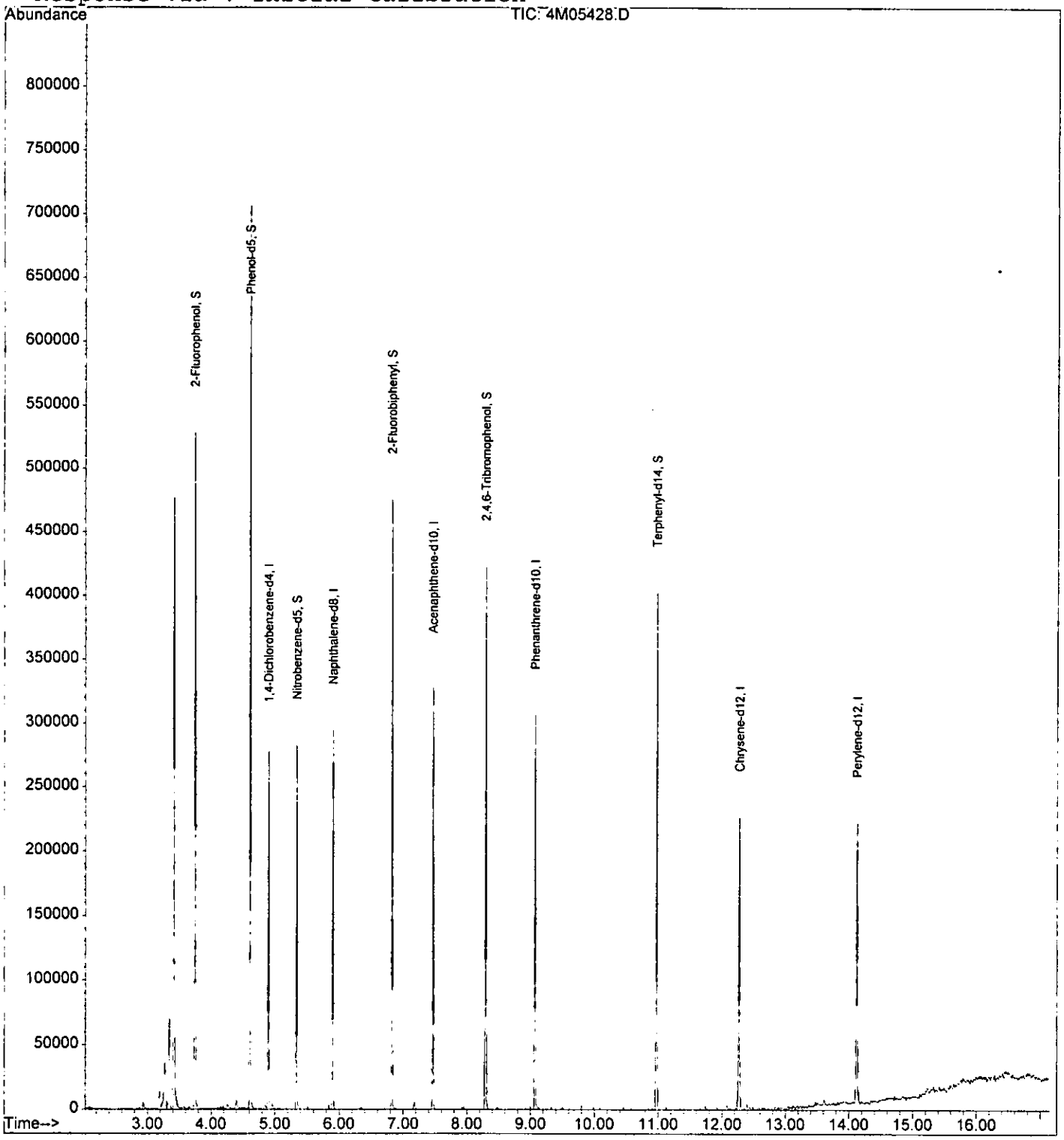
N810r

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-08-05\4M05428.D Vial: 4
Acq On : 8 Aug 2005 7:49 Operator: AHD
Sample : SMB2613 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 9 18:33 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



Form3

MBS Data

Method: 8270

Data File:==>					5M09831.D															
Data/Batch/Sample ID:==>					SMB2613(MS)															
Date/Time:==>					08/08/05 08:19															
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		1	0	76.91	100	77													
1,4-Dichlorobenzen	28-104		1	0	80.84	100	81													
2,4-Dinitrotoluene	28-89		1	0	84.43	100	84													
2-Chlorophenol	25-102		1	0	146.6	200	73													
4-Chloro-3-methylp	26-103		1	0	145.2	200	73													
4-Nitrophenol	11-114		1	0	162.7	200	81													
Acenaphthene	31-137		1	0	82.57	100	83													
N-Nitroso-di-n-propy	41-126		1	0	78.31	100	78													
Pentachlorophenol	17-109		1	0	156.3	200	78													
Phenol	26-90		1	0	147.9	200	74													
Pyrene	35-142		1	0	87.65	100	88													

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09831.D Vial: 6
Acq On : 8 Aug 2005 8:19 Operator: AHD
Sample : SMB2613(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 9:57 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	5.10	152	29466	40.00	ng	-0.15
20) Naphthalene-d8	6.13	136	120361	40.00	ng	-0.15
36) Acenaphthene-d10	7.46	164	65295	40.00	ng	-0.18
61) Phenanthrene-d10	8.83	188	108689	40.00	ng	-0.20
77) Chrysene-d12	11.80	240	85966	40.00	ng	-0.23
88) Perylene-d12	13.38	264	64418	40.00	ng	-0.23
System Monitoring Compounds						
4) 2-Fluorophenol	3.77	112	148470	149.60	ng	-0.19
Spiked Amount 200.000			Recovery = 74.80%			
8) Phenol-d5	4.80	99	198423	136.73	ng	-0.15
Spiked Amount 200.000			Recovery = 68.36%			
21) Nitrobenzene-d5	5.57	128	36827	69.88	ng	-0.15
Spiked Amount 100.000			Recovery = 69.88%			
41) 2-Fluorobiphenyl	6.94	172	147091	72.07	ng	-0.15
Spiked Amount 100.000			Recovery = 72.07%			
64) 2,4,6-Tribromophenol	8.15	330	37367	160.64	ng	-0.19
Spiked Amount 200.000			Recovery = 80.32%			
80) Terphenyl-d14	10.60	244	155513	76.57	ng	-0.21
Spiked Amount 100.000			Recovery = 76.57%			
Target Compounds						Qvalue
9) Phenol	4.82	94	227431	147.86	ng	95
10) 2-Chlorophenol	4.91	128	171161	146.61	ng	99
11) 1,3-Dichlorobenzene	5.11	146	89363	82.73	ng	98
12) 1,4-Dichlorobenzene	5.11	146	89363	80.84	ng	100
13) 1,2-Dichlorobenzene	5.11	146	89363	84.79	ng	97
18) N-Nitroso-di-n-propylamine	5.46	70	65810	78.31	ng	98
23) Isophorone	5.57	82	85024	38.64	ng	60
29) 1,2,4-Trichlorobenzene	6.09	180	75868	76.91	ng	99
33) 4-Chloro-3-methylphenol	6.56	107	154272	145.20	ng	94
45) Diphenyl Ether	6.94	170	33229	27.25	ng	27
49) 2,6-Dinitrotoluene	7.46	165	8422	17.16	ng	29
50) Acenaphthene	7.49	153	148903	82.57	ng	100
54) 2,4-Dinitrotoluene	7.63	165	57233	84.43	ng	91
55) 4-Nitrophenol	7.58	65	69395	162.73	ng	92
57) Fluorene	8.15	166	2867	1.36	ng	74
69) Pentachlorophenol	8.64	266	53909	156.30	ng	93
78) Pyrene	10.39	202	301771	87.65	ng	98

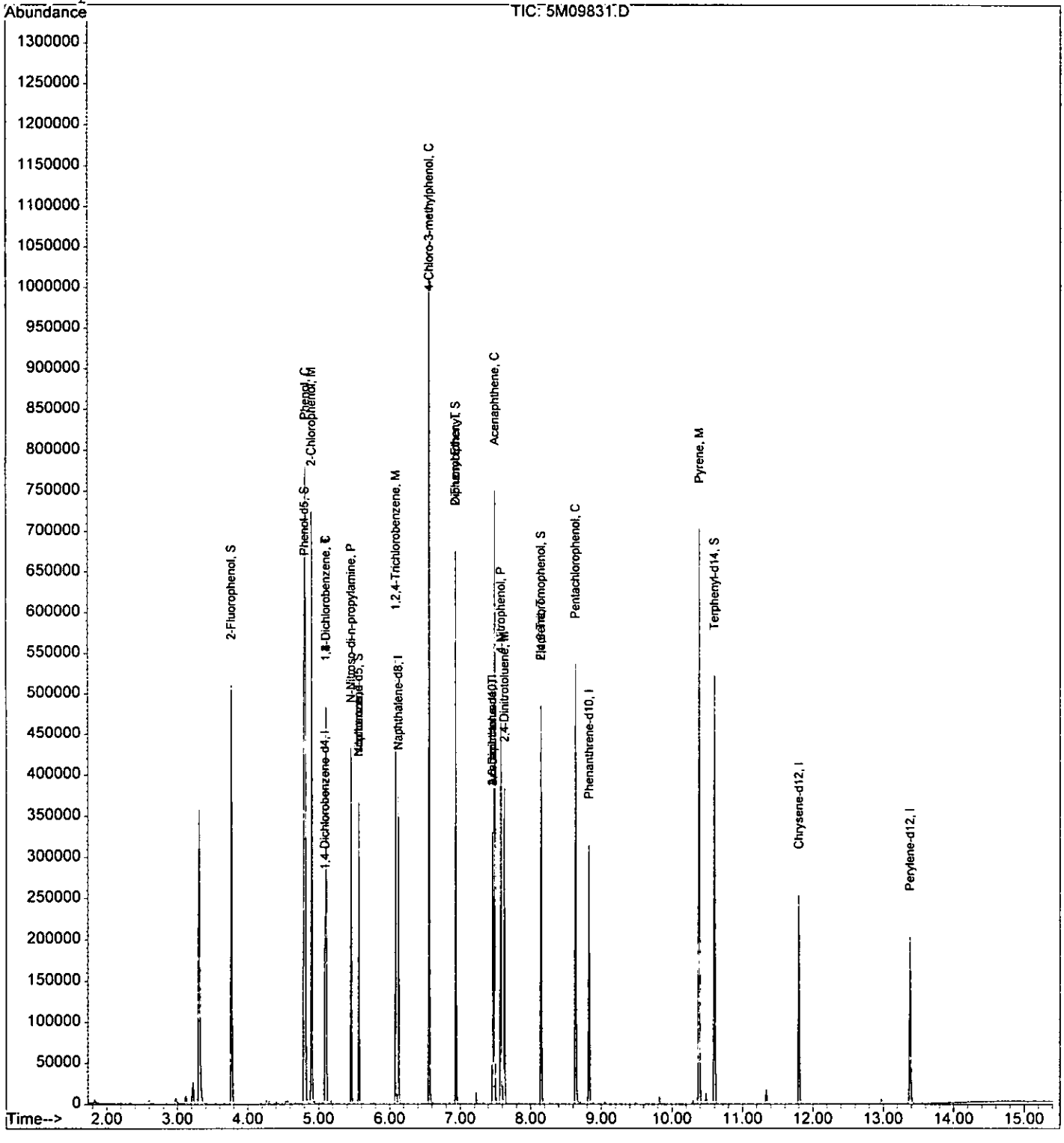
h810r

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-08-05\5M09831.D Vial: 6
Acq On : 8 Aug 2005 8:19 Operator: AHD
Sample : SMB2613(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 8 9:57 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 3
Spike Recovery

0009319

Batch Number: SMB2608
Mbs Name: SMB2608(MS)
Ns Name: AC18855-001
Ms Name: AC18855-001(MS)
Msd Name: AC18855-001(MS

Mbs File: 5M09747.D
Non Spk'd File: 5M09748.D
Spike File: 5M09749.D
Spike Dup File: 5M09750.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	139.86	0.00	137.29	141.92	70	69	71	3.3
2-Chlorophenol	1	0	200	25	102	50	132.03	0.00	123.80	133.68	66	62	67	7.7
1,4-Dichlorobenzene	1	0	100	28	104	27	74.17	0.00	65.21	71.54	74	65	72	9.3
N-Nitroso-di-n-propyla	1	0	100	41	126	38	76.58	0.00	73.78	72.59	77	74	73	1.6
1,2,4-Trichlorobenzene	1	0	100	38	107	23	73.63	0.00	62.97	73.33	74	63	73	15
4-Chloro-3-methylphen	1	0	200	26	103	33	149.82	0.00	145.41	165.99	75	73	83	13
Acenaphthene	1	0	100	31	137	19	76.19	0.00	75.48	76.42	76	75	76	1.2
2,4-Dinitrotoluene	1	0	100	28	89	47	77.44	0.00	80.41	83.50	77	80	83	3.8
4-Nitrophenol	1	0	200	11	114	50	152.24	0.00	170.81	172.05	76	85	86	0.72
Pentachlorophenol	1	0	200	17	109	47	153.45	0.00	123.29	128.44	77	62	64	4.1
Pyrene	1	0	100	35	142	36	83.56	2.65	106.21	83.45	84	104	81	24

Note:

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

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09747.D Vial: 13
Acq On : 4 Aug 2005 10:48 Operator: AHD
Sample : SMB2608(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 11:46 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	5.11	152	21121	40.00	ng	-0.14
20) Naphthalene-d8	6.14	136	83800	40.00	ng	-0.14
36) Acenaphthene-d10	7.48	164	49101	40.00	ng	-0.15
61) Phenanthrene-d10	8.85	188	81572	40.00	ng	-0.18
77) Chrysene-d12	11.82	240	60598	40.00	ng	-0.21
88) Perylene-d12	13.41	264	45192	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	102506	144.10	ng	-0.18
Spiked Amount 200.000			Recovery = 72.05%			
8) Phenol-d5	4.81	99	139526	134.13	ng	-0.14
Spiked Amount 200.000			Recovery = 67.07%			
21) Nitrobenzene-d5	5.58	128	25474	69.43	ng	-0.14
Spiked Amount 100.000			Recovery = 69.43%			
41) 2-Fluorobiphenyl	6.95	172	112192	73.10	ng	-0.14
Spiked Amount 100.000			Recovery = 73.10%			
64) 2,4,6-Tribromophenol	8.17	330	25287	144.85	ng	-0.17
Spiked Amount 200.000			Recovery = 72.43%			
80) Terphenyl-d14	10.62	244	106874	74.65	ng	-0.19
Spiked Amount 100.000			Recovery = 74.65%			
Target Compounds						Qvalue
9) Phenol	4.83	94	154199	139.86	ng	98
10) 2-Chlorophenol	4.92	128	110486	132.03	ng	91
11) 1,3-Dichlorobenzene	5.12	146	58766	75.90	ng	98
12) 1,4-Dichlorobenzene	5.12	146	58766	74.17	ng	99
13) 1,2-Dichlorobenzene	5.12	146	58766	77.79	ng	97
18) N-Nitroso-di-n-propylamine	5.47	70	46130	76.58	ng	98
23) Isophorone	5.58	82	60616	39.57	ng	60
29) 1,2,4-Trichlorobenzene	6.10	180	50567	73.63	ng	97
33) 4-Chloro-3-methylphenol	6.58	107	110830	149.82	ng	98
45) Diphenyl Ether	6.95	170	24831	27.08	ng	27
49) 2,6-Dinitrotoluene	7.48	165	6395	17.33	ng	29
50) Acenaphthene	7.51	153	103320	76.19	ng	99
54) 2,4-Dinitrotoluene	7.65	165	39476	77.44	ng	92
55) 4-Nitrophenol	7.60	65	48821	152.24	ng	92
57) Fluorene	8.17	166	1961	1.23	ng	84
69) Pentachlorophenol	8.66	266	39723	153.45	ng	93
78) Pyrene	10.41	202	202809	83.56	ng	99

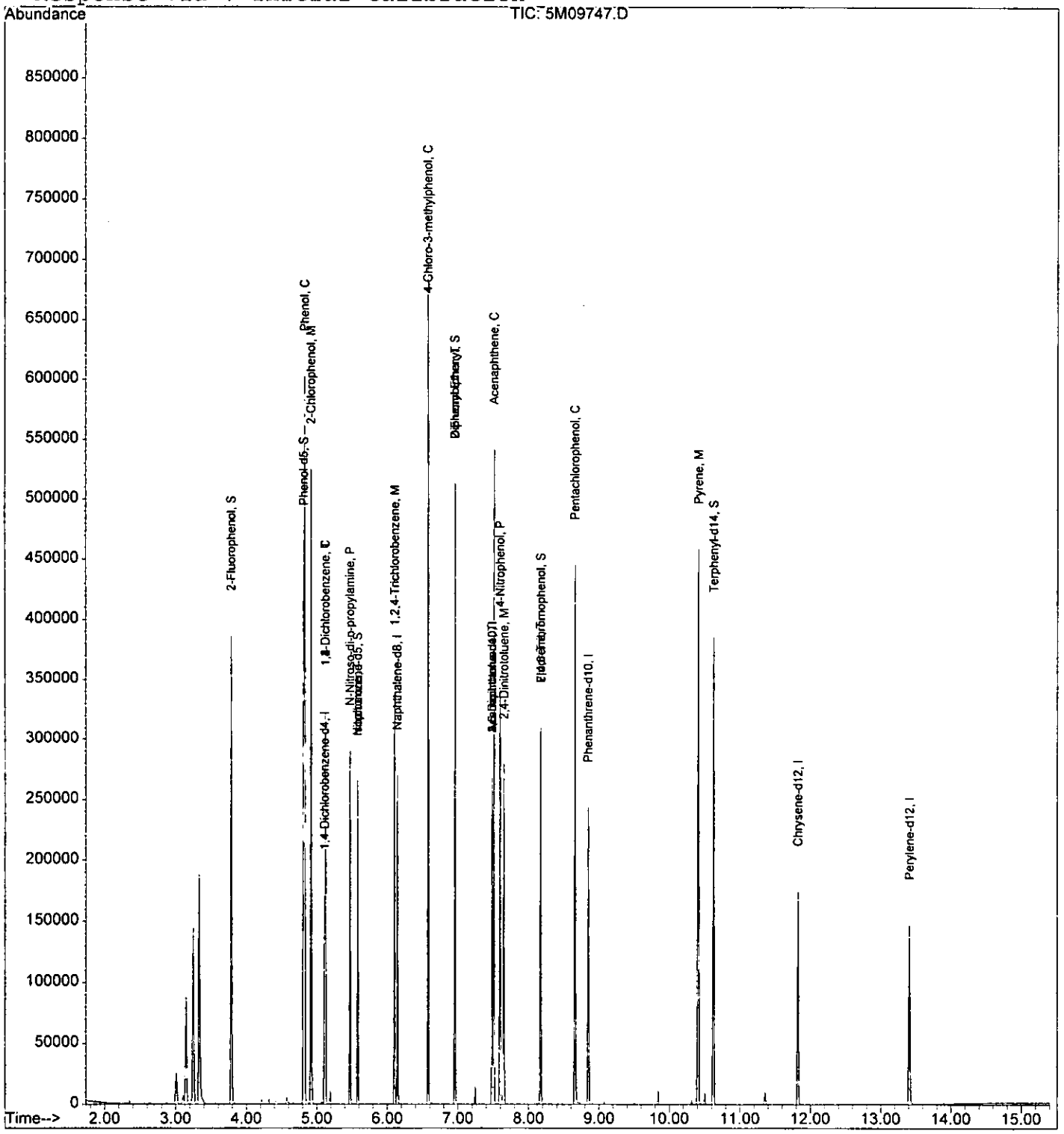
N810

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09747.D Vial: 13
Acq On : 4 Aug 2005 10:48 Operator: AHD
Sample : SMB2608(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 11:46 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\08-04-05\5M09749.D Vial: 15
Acq On : 4 Aug 2005 11:31 Operator: AHD
Sample : AC18855-001(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 11:57 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	5.11	152	17996	40.00	ng	-0.14
20) Naphthalene-d8	6.14	136	78773	40.00	ng	-0.14
36) Acenaphthene-d10	7.48	164	44787	40.00	ng	-0.15
61) Phenanthrene-d10	8.85	188	76682	40.00	ng	-0.18
77) Chrysene-d12	11.83	240	63361	40.00	ng	-0.21
88) Perylene-d12	13.41	264	46548	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	81152	133.89	ng	-0.18
Spiked Amount 200.000			Recovery = 66.94%			
8) Phenol-d5	4.81	99	114454	129.14	ng	-0.14
Spiked Amount 200.000			Recovery = 64.57%			
21) Nitrobenzene-d5	5.58	128	21603	62.64	ng	-0.14
Spiked Amount 100.000			Recovery = 62.64%			
41) 2-Fluorobiphenyl	6.95	172	89672	64.05	ng	-0.14
Spiked Amount 100.000			Recovery = 64.05%			
64) 2,4,6-Tribromophenol	8.17	330	22354	136.21	ng	-0.17
Spiked Amount 200.000			Recovery = 68.11%			
80) Terphenyl-d14	10.62	244	106271	71.00	ng	-0.19
Spiked Amount 100.000			Recovery = 71.00%			
Target Compounds						Qvalue
9) Phenol	4.83	94	128967	137.29	ng	98
10) 2-Chlorophenol	4.92	128	88274	123.80	ng	91
11) 1,3-Dichlorobenzene	5.12	146	44028	66.74	ng	99
12) 1,4-Dichlorobenzene	5.12	146	44028	65.21	ng	100
13) 1,2-Dichlorobenzene	5.12	146	44028	68.40	ng	98
18) N-Nitroso-di-n-propylamine	5.47	70	37865	73.78	ng	99
23) Isophorone	5.58	82	50789	35.27	ng	60
29) 1,2,4-Trichlorobenzene	6.10	180	40657	62.97	ng	99
30) Naphthalene	6.16	128	4436	2.15	ng	99
33) 4-Chloro-3-methylphenol	6.58	107	101117	145.41	ng	96
45) Diphenyl Ether	6.95	170	19589	23.42	ng	27
47) Acenaphthylene	7.37	152	2344	1.17	ng	97
49) 2,6-Dinitrotoluene	7.48	165	5938	17.64	ng	29
50) Acenaphthene	7.51	153	93369	75.48	ng	99
53) Dibenzofuran	7.65	168	3937	2.19	ng	97
54) 2,4-Dinitrotoluene	7.65	165	37385	80.41	ng	96
55) 4-Nitrophenol	7.60	65	49964	170.81	ng	92
57) Fluorene	7.95	166	4324	2.98	ng	98
69) Pentachlorophenol	8.66	266	30001	123.29	ng	93

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

GC02924

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09749.D Vial: 15
Acq On : 4 Aug 2005 11:31 Operator: AHD
Sample : AC18855-001(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 11:57 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

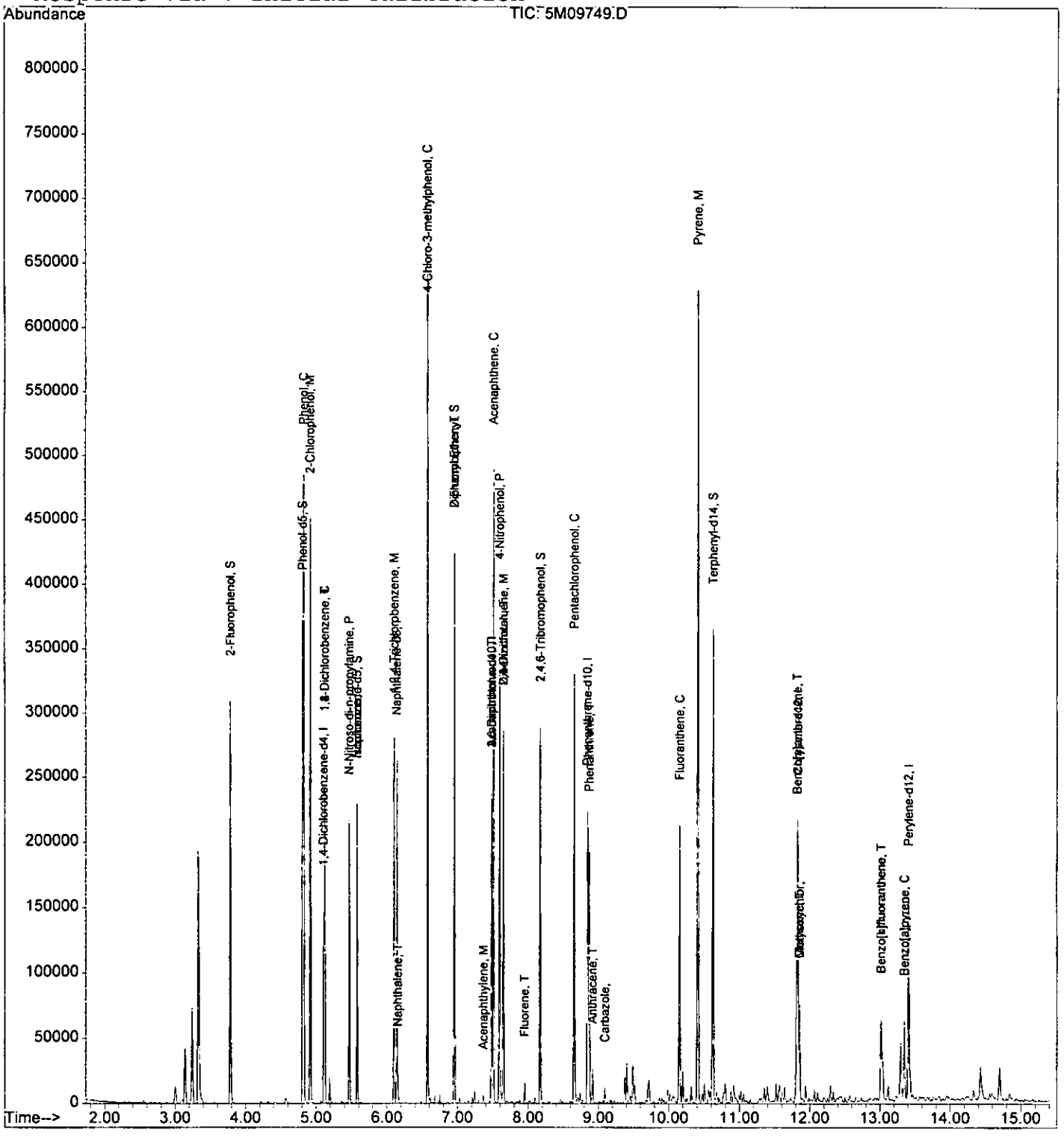
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70) Phenanthrene	8.87	178	70243	31.76 ng	99
71) Anthracene	8.92	178	10309	4.59 ng	97
72) Carbazole	9.10	167	5058	2.46 ng	98
76) Fluoranthene	10.15	202	83767	34.75 ng	97
78) Pyrene	10.41	202	269528	106.21 ng	96
83) Methoxychlor	11.85	227	4017	3.45 ng	97
85) Benzo[a]anthracene	11.82	228	30490	13.09 ng	98
86) Chrysene	11.85	228	30065	14.07 ng	97
90) Benzo[b]fluoranthene	13.02	252	41870	22.78 ng	98
91) Benzo[k]fluoranthene	13.02	252	41870	22.51 ng	99
92) Benzo[a]pyrene	13.35	252	23301	13.47 ng	97

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09749.D Vial: 15
Acq On : 4 Aug 2005 11:31 Operator: AHD
Sample : AC18855-001(MS) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 11:57 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\08-04-05\5M09750.D Vial: 16
Acq On : 4 Aug 2005 11:53 Operator: AHD
Sample : AC18855-001(MSD) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 12:19 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

009925

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.11	152	19422	40.00	ng	-0.14
20) Naphthalene-d8	6.14	136	80143	40.00	ng	-0.14
36) Acenaphthene-d10	7.48	164	52477	40.00	ng	-0.15
61) Phenanthrene-d10	8.85	188	93942	40.00	ng	-0.18
77) Chrysene-d12	11.83	240	79085	40.00	ng	-0.21
88) Perylene-d12	13.41	264	56045	40.00	ng	-0.21
System Monitoring Compounds						
4) 2-Fluorophenol	3.79	112	92874	141.98	ng	-0.18
Spiked Amount 200.000			Recovery = 70.99%			
8) Phenol-d5	4.81	99	131939	137.94	ng	-0.14
Spiked Amount 200.000			Recovery = 68.97%			
21) Nitrobenzene-d5	5.58	128	25077	71.47	ng	-0.14
Spiked Amount 100.000			Recovery = 71.47%			
41) 2-Fluorobiphenyl	6.95	172	111107	67.73	ng	-0.14
Spiked Amount 100.000			Recovery = 67.73%			
64) 2,4,6-Tribromophenol	8.17	330	28545	141.98	ng	-0.17
Spiked Amount 200.000			Recovery = 70.99%			
80) Terphenyl-d14	10.62	244	144492	77.34	ng	-0.19
Spiked Amount 100.000			Recovery = 77.34%			
Target Compounds						Qvalue
9) Phenol	4.83	94	143884	141.92	ng	96
10) 2-Chlorophenol	4.92	128	102871	133.68	ng	94
11) 1,3-Dichlorobenzene	5.12	146	52126	73.21	ng	98
12) 1,4-Dichlorobenzene	5.12	146	52126	71.54	ng	99
13) 1,2-Dichlorobenzene	5.12	146	52126	75.04	ng	97
18) N-Nitroso-di-n-propylamine	5.47	70	40209	72.59	ng	97
23) Isophorone	5.58	82	56832	38.79	ng	60
29) 1,2,4-Trichlorobenzene	6.10	180	48163	73.33	ng	98
33) 4-Chloro-3-methylphenol	6.58	107	117433	165.99	ng	98
45) Diphenyl Ether	6.95	170	24649	25.15	ng	27
49) 2,6-Dinitrotoluene	7.48	165	6763	17.15	ng	30
50) Acenaphthene	7.51	153	110768	76.42	ng	100
54) 2,4-Dinitrotoluene	7.65	165	45490	83.50	ng	91
55) 4-Nitrophenol	7.60	65	58967	172.05	ng	94
69) Pentachlorophenol	8.66	266	38291	128.44	ng	94
70) Phenanthrene	8.87	178	6031	2.23	ng	97
76) Fluoranthene	10.15	202	10988	3.72	ng	99
78) Pyrene	10.41	202	264328	83.45	ng	99
85) Benzo[a]anthracene	11.81	228	5687	1.96	ng	95

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

12810

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09750.D Vial: 16
Acq On : 4 Aug 2005 11:53 Operator: AHD
Sample : AC18855-001(MSD) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 12:19 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

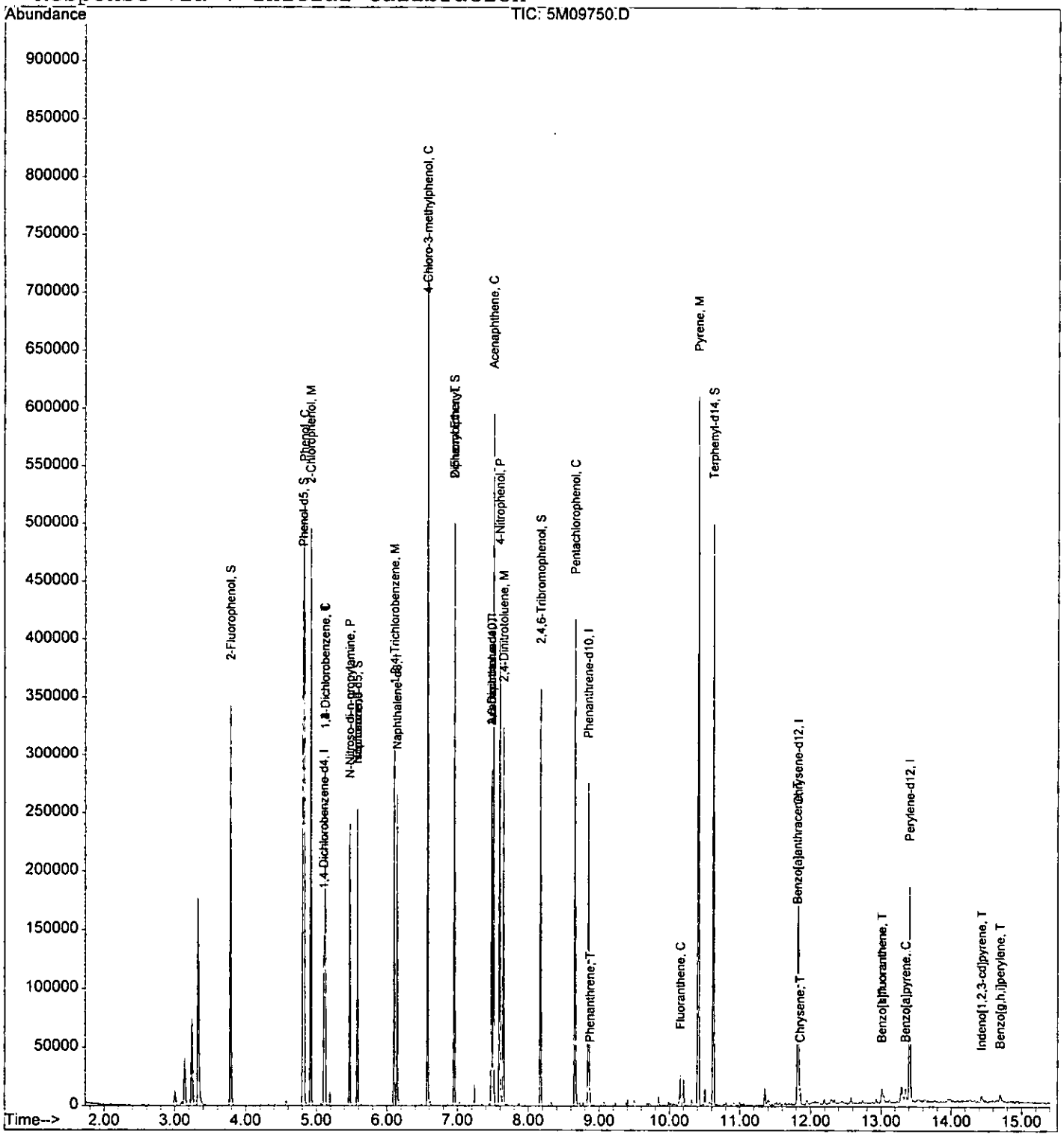
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86) Chrysene	11.85	228	6230	2.34	ng	97
90) Benzo[b]fluoranthene	13.02	252	8629	3.90	ng	95
91) Benzo[k]fluoranthene	13.02	252	8629	3.85	ng	95
92) Benzo[a]pyrene	13.34	252	4408	2.12	ng	96
93) Indeno[1,2,3-cd]pyrene	14.43	276	2756	1.22	ng	84
95) Benzo[g,h,i]perylene	14.70	276	3200	1.70	ng	96

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_5\Data\08-04-05\5M09750.D Vial: 16
Acq On : 4 Aug 2005 11:53 Operator: AHD
Sample : AC18855-001(MSD) Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 12:19 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 3
Spike Recovery

Batch Number: SMB2609
Mbs Name: SMB2609(MS)
Ns Name: AC18883-001
Ms Name: AC18883-001(MS)
Msd Name: AC18883-001(MS

Mbs File: 4M05354.D
Non Spk'd File: 4M05356.D
Spike File: 4M05357.D
Spike Dup File: 4M05358.D
Matrix: Soil
Method: 8270

000028

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	164.74	0.00	160.74	140.48	82	80	70	13
2-Chlorophenol	1	0	200	25	102	50	181.60	0.00	152.40	149.96	91	76	75	1.6
1,4-Dichlorobenzene	1	0	100	28	104	27	95.48	0.00	82.49	86.35	95	82	86	4.6
N-Nitroso-di-n-propyla	1	0	100	41	126	38	97.90	0.00	92.31	93.35	98	92	93	1.1
1,2,4-Trichlorobenzene	1	0	100	38	107	23	87.47	0.00	100.20	100.53	87	100	101	0.33
4-Chloro-3-methylphen	1	0	200	26	103	33	185.90	0.00	172.51	167.87	93	86	84	2.7
Acenaphthene	1	0	100	31	137	19	87.51	2.33	92.93	99.40	88	91	97	6.7
2,4-Dinitrotoluene	1	0	100	28	89	47	108.14	0.00	105.80	98.63	108 Mo	106 Mo	99 Mo	7
4-Nitrophenol	1	0	200	11	114	50	160.15	0.00	155.74	145.27	80	78	73	7
Pentachlorophenol	1	0	200	17	109	47	199.18	0.00	155.99	156.56	100	78	78	0.36
Pyrene	1	0	100	35	142	36	75.37	32.43	134.06	131.53	75	102	99	1.9

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05354.D Vial: 3
Acq On : 4 Aug 2005 18:01 Operator: AHD
Sample : SMB2609(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 18:18 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	4.92	152	47160	40.00 ng	-0.02
19) Naphthalene-d8	5.92	136	169162	40.00 ng	-0.02
35) Acenaphthene-d10	7.50	164	101574	40.00 ng	-0.03
59) Phenanthrene-d10	9.10	188	180615	40.00 ng	-0.03
72) Chrysene-d12	12.29	240	189892	40.00 ng	-0.04
81) Perylene-d12	14.15	264	167851	40.00 ng	-0.03
System Monitoring Compounds					
4) 2-Fluorophenol	3.78	112	250536	188.34 ng	-0.01
Spiked Amount 200.000			Recovery =	94.17%	
7) Phenol-d5	4.64	99	322741	182.25 ng	-0.01
Spiked Amount 200.000			Recovery =	91.13%	
20) Nitrobenzene-d5	5.36	128	66593	78.63 ng	-0.02
Spiked Amount 100.000			Recovery =	78.63%	
40) 2-Fluorobiphenyl	6.85	172	274454	84.32 ng	-0.02
Spiked Amount 100.000			Recovery =	84.32%	
62) 2,4,6-Tribromophenol	8.32	332	148054	183.14 ng	-0.03
Spiked Amount 200.000			Recovery =	91.57%	
75) Terphenyl-d14	11.00	244	361048	67.49 ng	-0.02
Spiked Amount 100.000			Recovery =	67.49%	
Target Compounds					Qvalue
8) Phenol	4.65	94	315661	164.74 ng	64
9) 2-Chlorophenol	4.76	128	266378	181.60 ng	87
10) 1,3-Dichlorobenzene	4.94	146	147054	93.41 ng	97
11) 1,4-Dichlorobenzene	4.94	146	147054	95.48 ng	97
12) 1,2-Dichlorobenzene	4.94	146	147054	97.36 ng	99
17) N-Nitroso-di-n-propylamine	5.25	70	123454	97.90 ng	99
22) Isophorone	5.36	82	153335	45.51 ng	61
28) 1,2,4-Trichlorobenzene	5.87	180	129845	87.47 ng	92
32) 4-Chloro-3-methylphenol	6.39	107	286889	185.90 ng	95
48) 2,6-Dinitrotoluene	7.50	165	14241	16.67 ng	40
49) Acenaphthene	7.53	153	250397	87.51 ng	99
53) 2,4-Dinitrotoluene	7.70	165	120842	108.14 ng	97
54) 4-Nitrophenol	7.64	65	153365	160.15 ng	94
66) Pentachlorophenol	8.89	266	170177	199.18 ng	97
70) Di-n-butylphthalate	9.83	149	7233	1.18 ng	91
73) Pyrene	10.79	202	550500	75.37 ng	82

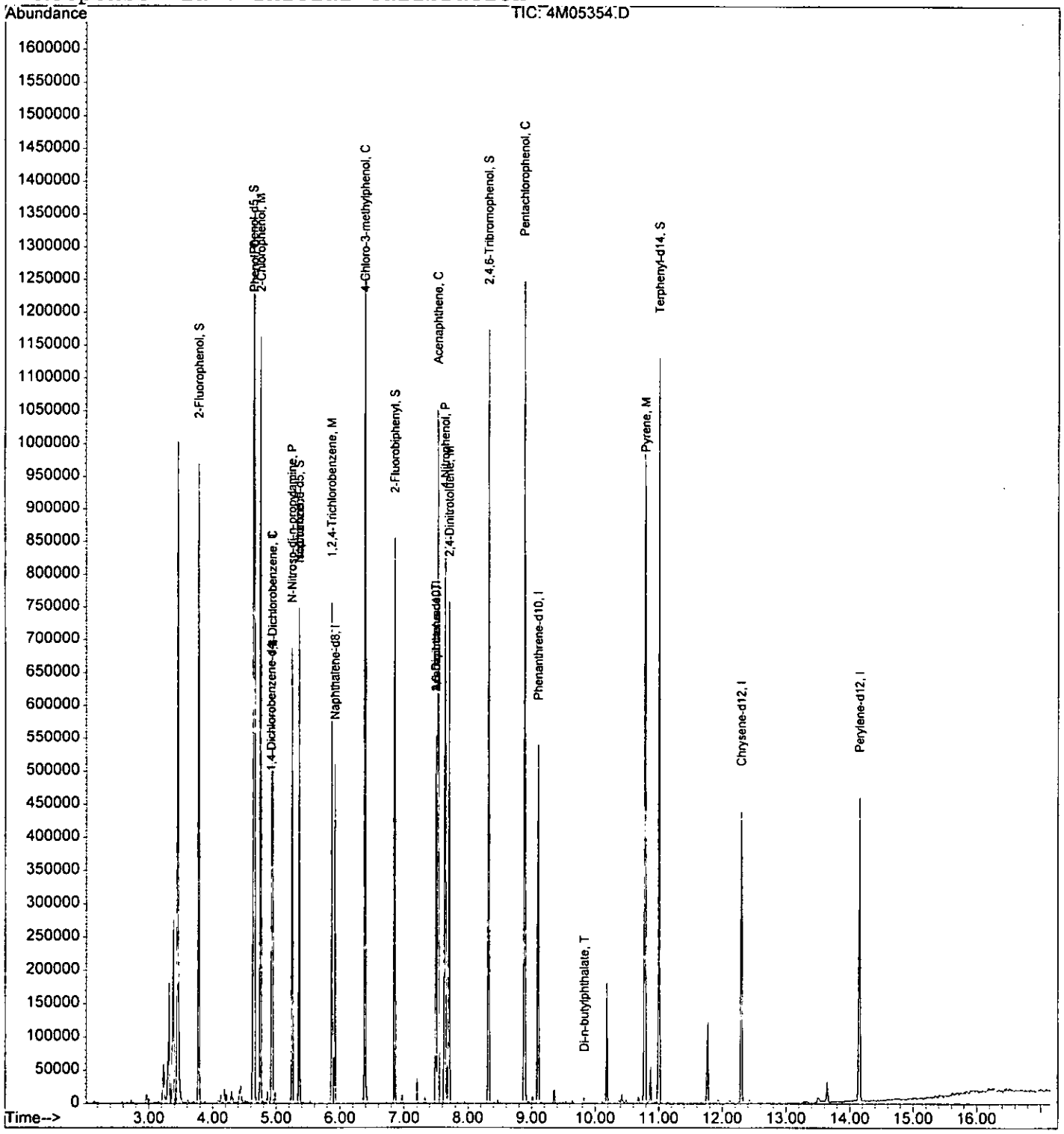
1L8107

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05354.D Vial: 3
Acq On : 4 Aug 2005 18:01 Operator: AHD
Sample : SMB2609(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 18:18 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\08-0405\4M05357.D Vial: 6
Acq On : 4 Aug 2005 19:14 Operator: AHD
Sample : AC18883-001(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 19:31 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	4.92	152	44976	40.00	ng	-0.02
19) Naphthalene-d8	5.92	136	128273	40.00	ng	-0.02
35) Acenaphthene-d10	7.50	164	76724	40.00	ng	-0.03
59) Phenanthrene-d10	9.09	188	112545	40.00	ng	-0.04
72) Chrysene-d12	12.29	240	54144	40.00	ng	-0.04
81) Perylene-d12	14.15	264	35759	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	187451	147.76	ng	-0.02
Spiked Amount 200.000			Recovery = 73.88%			
7) Phenol-d5	4.65	99	279440	165.46	ng	0.00
Spiked Amount 200.000			Recovery = 82.73%			
20) Nitrobenzene-d5	5.36	128	62676	97.60	ng	-0.02
Spiked Amount 100.000			Recovery = 97.60%			
40) 2-Fluorobiphenyl	6.84	172	207637	84.45	ng	-0.03
Spiked Amount 100.000			Recovery = 84.45%			
62) 2,4,6-Tribromophenol	8.33	332	111308	220.96	ng	-0.03
Spiked Amount 200.000			Recovery = 110.48%			
75) Terphenyl-d14	11.00	244	159547	104.59	ng	-0.03
Spiked Amount 100.000			Recovery = 104.59%			
Target Compounds						Qvalue
8) Phenol	4.66	94	293744	160.74	ng	59
9) 2-Chlorophenol	4.75	128	213197	152.40	ng	73
10) 1,3-Dichlorobenzene	4.93	146	121156	80.70	ng	97
11) 1,4-Dichlorobenzene	4.93	146	121156	82.49	ng	97
12) 1,2-Dichlorobenzene	4.93	146	121156	84.11	ng	96
17) N-Nitroso-di-n-propylamine	5.25	70	111005	92.31	ng	86
22) Isophorone	5.36	82	140017	54.80	ng	61
28) 1,2,4-Trichlorobenzene	5.87	180	112786	100.20	ng	96
29) Naphthalene	5.93	128	3933	1.40	ng	75
32) 4-Chloro-3-methylphenol	6.38	107	201873	172.51	ng	83
33) 2-Methylnaphthalene	6.52	142	2039	1.03	ng	90
34) Methylnaphthalene(Total)	6.52	142	2039	1.03	ng	90
48) 2,6-Dinitrotoluene	7.50	165	10397	16.11	ng	40
49) Acenaphthene	7.53	153	200843	92.93	ng	98
53) 2,4-Dinitrotoluene	7.70	165	89303	105.80	ng	76
54) 4-Nitrophenol	7.64	65	112655	155.74	ng	79
55) Fluorene	8.06	166	3329	1.59	ng	94
66) Pentachlorophenol	8.89	266	83047	155.99	ng	98
67) Phenanthrene	9.12	178	50282	17.89	ng	99

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05357.D Vial: 6
Acq On : 4 Aug 2005 19:14 Operator: AHD
Sample : AC18883-001(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 19:31 2005 Quant Results File: 4M_0803.RES

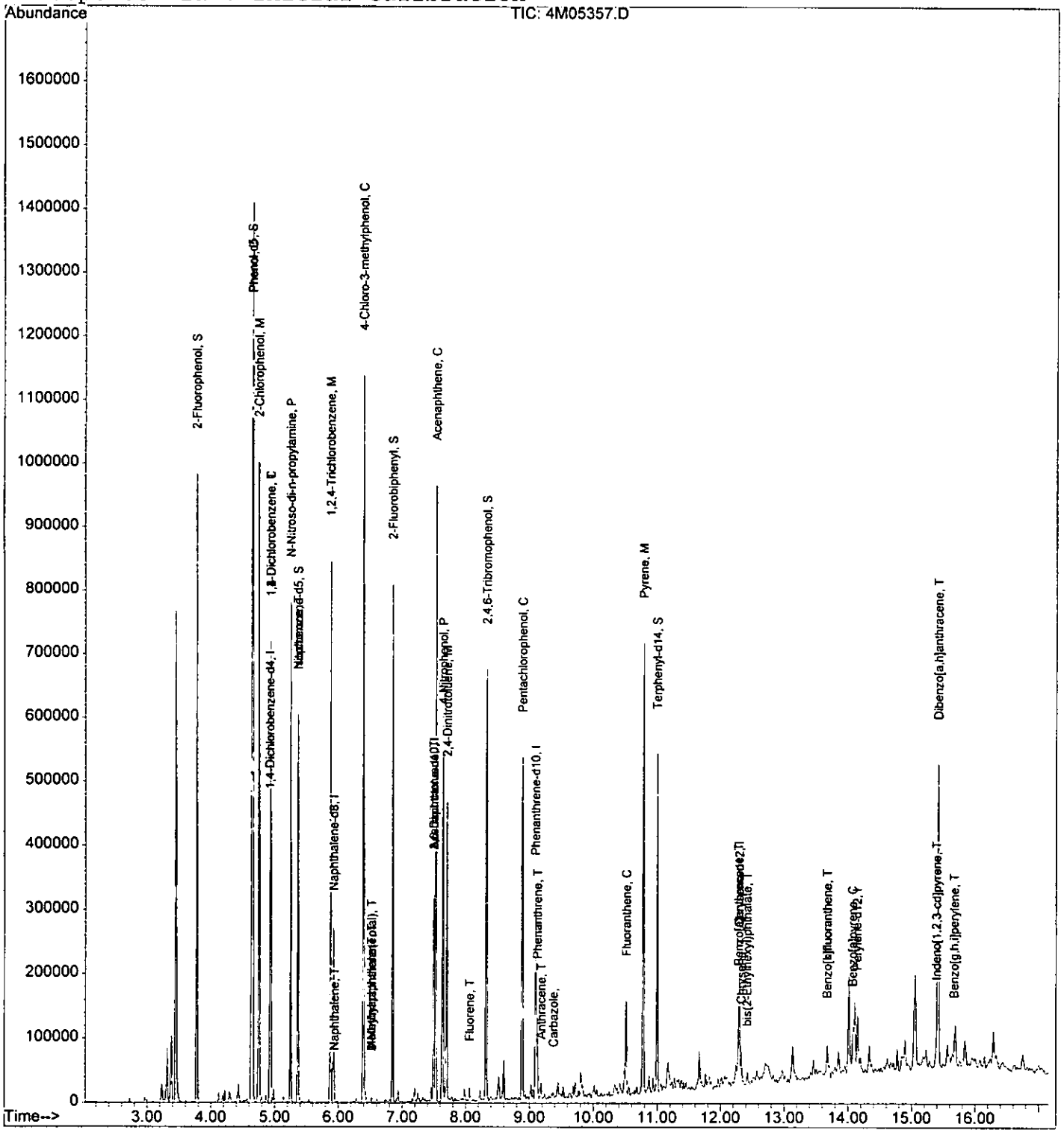
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Anthracene	9.19	178	13852	4.85	ng	98
69)	Carbazole	9.38	167	3951	1.51	ng	88
71)	Fluoranthene	10.52	202	74732	25.56	ng	86
73)	Pyrene	10.78	202	279176	134.06	ng	89
78)	Benzo[a]anthracene	12.28	228	27590	16.24	ng	95
79)	Chrysene	12.33	228	23244	15.31	ng	97
80)	bis(2-Ethylhexyl)phthalate	12.42	149	3305	2.50	ng	76
83)	Benzo[b]fluoranthene	13.67	252	32174	21.63	ng	97
84)	Benzo[k]fluoranthene	13.67	252	32174	24.97	ng	93
85)	Benzo[a]pyrene	14.07	252	14970	12.24	ng	82
86)	Indeno[1,2,3-cd]pyrene	15.39	276	9081	8.19	ng	82
87)	Dibenzo[a,h]anthracene	15.41	278	2382	2.62	ng	40
88)	Benzo[g,h,i]perylene	15.67	276	7722	8.72	ng	93

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

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05357.D Vial: 6
Acq On : 4 Aug 2005 19:14 Operator: AHD
Sample : AC18883-001(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 19:31 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\08-0405\4M05358.D Vial: 7
Acq On : 4 Aug 2005 19:38 Operator: AHD
Sample : AC18883-001(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 19:55 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	4.92	152	37426	40.00	ng	-0.02
19) Naphthalene-d8	5.92	136	111463	40.00	ng	-0.03
35) Acenaphthene-d10	7.49	164	63041	40.00	ng	-0.04
59) Phenanthrene-d10	9.10	188	97313	40.00	ng	-0.04
72) Chrysene-d12	12.30	240	58870	40.00	ng	-0.04
81) Perylene-d12	14.15	264	46773	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.78	112	169268	160.34	ng	-0.02
Spiked Amount 200.000			Recovery = 80.17%			
7) Phenol-d5	4.64	99	218663	155.59	ng	-0.02
Spiked Amount 200.000			Recovery = 77.80%			
20) Nitrobenzene-d5	5.36	128	45524	81.58	ng	-0.02
Spiked Amount 100.000			Recovery = 81.58%			
40) 2-Fluorobiphenyl	6.85	172	174684	86.47	ng	-0.03
Spiked Amount 100.000			Recovery = 86.47%			
62) 2,4,6-Tribromophenol	8.33	332	85307	195.85	ng	-0.03
Spiked Amount 200.000			Recovery = 97.93%			
75) Terphenyl-d14	11.00	244	144889	87.36	ng	-0.03
Spiked Amount 100.000			Recovery = 87.36%			
Target Compounds						Qvalue
8) Phenol	4.65	94	213616	140.48	ng	63
9) 2-Chlorophenol	4.75	128	174564	149.96	ng	77
10) 1,3-Dichlorobenzene	4.93	146	105543	84.48	ng	99
11) 1,4-Dichlorobenzene	4.93	146	105543	86.35	ng	99
12) 1,2-Dichlorobenzene	4.93	146	105543	88.05	ng	97
17) N-Nitroso-di-n-propylamine	5.25	70	93415	93.35	ng	80
22) Isophorone	5.35	82	97614	43.97	ng	61
24) 2,4-Dimethylphenol	5.88	107	1120	1.01	ng	67
28) 1,2,4-Trichlorobenzene	5.88	180	98326	100.53	ng	98
29) Naphthalene	5.94	128	3369	1.38	ng	82
32) 4-Chloro-3-methylphenol	6.39	107	170700	167.87	ng	90
33) 2-Methylnaphthalene	6.52	142	1998	1.17	ng	90
34) Methylnaphthalene(Total)	6.52	142	1998	1.17	ng	90
46) Acenaphthylene	7.36	152	2929	1.08	ng	57
48) 2,6-Dinitrotoluene	7.49	165	9257	17.45	ng	40
49) Acenaphthene	7.53	153	176517	99.40	ng	99
52) Dibenzofuran	7.71	168	3736	1.60	ng	88
53) 2,4-Dinitrotoluene	7.70	165	68405	98.63	ng	93
54) 4-Nitrophenol	7.63	65	86339	145.27	ng	99

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

AHD ✓

CC0634

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05358.D Vial: 7
Acq On : 4 Aug 2005 19:38 Operator: AHD
Sample : AC18883-001(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 19:55 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

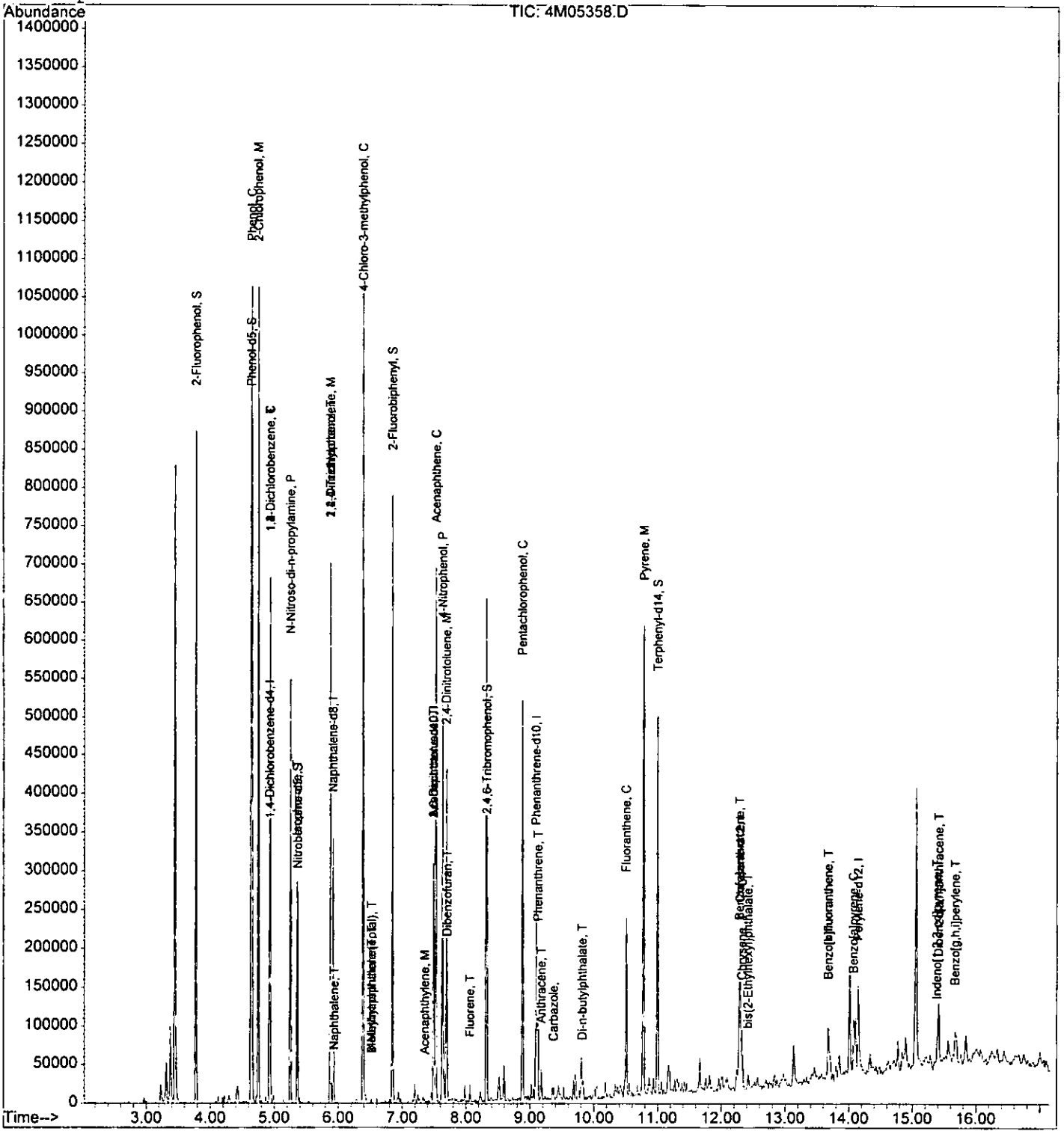
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
55)	Fluorene	8.06	166	5525	3.21	ng	99
66)	Pentachlorophenol	8.88	266	72070	156.56	ng	96
67)	Phenanthrene	9.13	178	68114	28.02	ng	99
68)	Anthracene	9.18	178	16760	6.79	ng	92
69)	Carbazole	9.37	167	7028	3.10	ng	99
70)	Di-n-butylphthalate	9.82	149	4329	1.31	ng	77
71)	Fluoranthene	10.51	202	95650	37.83	ng	100
73)	Pyrene	10.78	202	297827	131.53	ng	84
78)	Benzo[a]anthracene	12.29	228	42290	22.89	ng	97
79)	Chrysene	12.33	228	34697	21.02	ng	95
80)	bis(2-Ethylhexyl)phthalate	12.42	149	2424	1.69	ng	54
83)	Benzo[b]fluoranthene	13.68	252	54548	28.03	ng	99
84)	Benzo[k]fluoranthene	13.68	252	54548	32.37	ng	95
85)	Benzo[a]pyrene	14.08	252	26538	16.59	ng	95
86)	Indeno[1,2,3-cd]pyrene	15.38	276	15452	10.65	ng	98
87)	Dibenzo[a,h]anthracene	15.41	278	4802	4.04	ng	82
88)	Benzo[g,h,i]perylene	15.67	276	14010	12.10	ng	93

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-0405\4M05358.D Vial: 7
Acq On : 4 Aug 2005 19:38 Operator: AHD
Sample : AC18883-001(MSD) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 19:55 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 3
Spike Recovery

Batch Number: SMB2610
Mbs Name: SMB2610(MS)
Ns Name: AC18807-009
Ms Name: AC18807-011(MS:
Msd Name: AC18807-012(MS

Mbs File: 4M05387.D
Non Spk'd File: 4M05388.D
Spike File: 4M05389.D
Spike Dup File: 4M05390.D
Matrix: Soil
Method: 8270

000937

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	133.22	0.00	172.15	140.74	67	86	70	20
2-Chlorophenol	1	0	200	25	102	50	135.23	0.00	168.67	145.80	68	84	73	15
1,4-Dichlorobenzene	1	0	100	28	104	27	78.99	0.00	94.13	85.67	79	94	86	9.4
N-Nitroso-di-n-propyla	1	0	100	41	126	38	67.99	0.00	79.67	79.91	68	80	80	0.3
1,2,4-Trichlorobenzene	1	0	100	38	107	23	82.70	0.00	94.33	80.48	83	94	80	16
4-Chloro-3-methylphen	1	0	200	26	103	33	142.76	0.00	181.87	142.32	71	91	71	24
Acenaphthene	1	0	100	31	137	19	86.63	6.60	94.85	92.25	87	88	86	2.8
2,4-Dinitrotoluene	1	0	100	28	89	47	94.37	0.00	94.95	96.04	94 Mo	95 Mo	96 Mo	1.1
4-Nitrophenol	1	0	200	11	114	50	128.68	0.00	163.81	138.02	64	82	69	17
Pentachlorophenol	1	0	200	17	109	47	164.18	0.00	182.90	161.55	82	91	81	12
Pyrene	1	0	100	35	142	36	77.76	131.50	183.75	181.30	78	52	50	1.3

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05387.D Vial: 4
Acq On : 5 Aug 2005 9:06 Operator: AHD
Sample : SMB2610(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 9:23 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	32436	40.00	ng	-0.04
19) Naphthalene-d8	5.91	136	98141	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	50928	40.00	ng	-0.05
59) Phenanthrene-d10	9.08	188	83681	40.00	ng	-0.06
72) Chrysene-d12	12.28	240	72967	40.00	ng	-0.06
81) Perylene-d12	14.13	264	62170	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.76	112	127380	139.22	ng	-0.04
Spiked Amount 200.000			Recovery = 69.61%			
7) Phenol-d5	4.62	99	162573	133.48	ng	-0.04
Spiked Amount 200.000			Recovery = 66.74%			
20) Nitrobenzene-d5	5.34	128	34838	70.91	ng	-0.04
Spiked Amount 100.000			Recovery = 70.91%			
40) 2-Fluorobiphenyl	6.84	172	120982	74.13	ng	-0.04
Spiked Amount 100.000			Recovery = 74.13%			
62) 2,4,6-Tribromophenol	8.31	332	66760	178.24	ng	-0.05
Spiked Amount 200.000			Recovery = 89.12%			
75) Terphenyl-d14	10.99	244	138599	67.42	ng	-0.04
Spiked Amount 100.000			Recovery = 67.42%			
Target Compounds						Qvalue
8) Phenol	4.64	94	175567	133.22	ng	47
9) 2-Chlorophenol	4.74	128	136432	135.23	ng	98
10) 1,3-Dichlorobenzene	4.92	146	83673	77.28	ng	96
11) 1,4-Dichlorobenzene	4.92	146	83673	78.99	ng	96
12) 1,2-Dichlorobenzene	4.92	146	83673	80.54	ng	98
17) N-Nitroso-di-n-propylamine	5.23	70	58968	67.99	ng	96
22) Isophorone	5.34	82	81698	41.79	ng	61
28) 1,2,4-Trichlorobenzene	5.87	180	71219	82.70	ng	98
32) 4-Chloro-3-methylphenol	6.38	107	127820	142.76	ng	91
48) 2,6-Dinitrotoluene	7.48	165	7515	17.54	ng	40
49) Acenaphthene	7.51	153	124277	86.63	ng	98
53) 2,4-Dinitrotoluene	7.69	165	52873	94.37	ng	76
54) 4-Nitrophenol	7.61	65	61784	128.68	ng	97
66) Pentachlorophenol	8.87	266	64991	164.18	ng	97
70) Di-n-butylphthalate	9.81	149	8413	2.95	ng	94
73) Pyrene	10.76	202	218233	77.76	ng	88

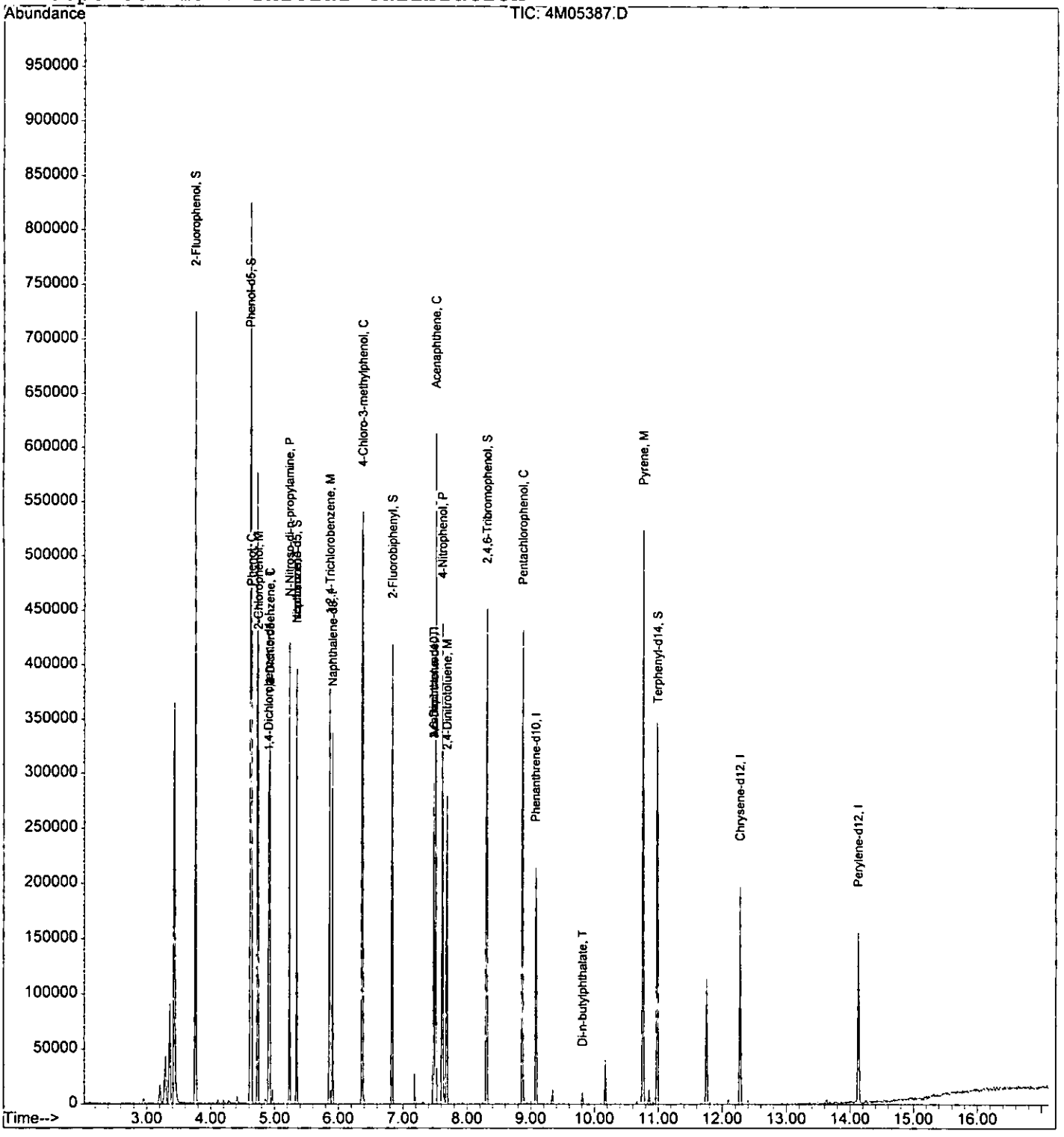
8/10/05

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05387.D Vial: 4
Acq On : 5 Aug 2005 9:06 Operator: AHD
Sample : SMB2610(MS) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 9:23 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\08-05-05\4M05389.D Vial: 6
Acq On : 5 Aug 2005 9:54 Operator: AHD
Sample : AC18807-011(MS:AC18807-009) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 10:11 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	4.91	152	27971	40.00	ng	-0.03
19) Naphthalene-d8	5.90	136	84816	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	47798	40.00	ng	-0.05
59) Phenanthrene-d10	9.08	188	76921	40.00	ng	-0.05
72) Chrysene-d12	12.28	240	52651	40.00	ng	-0.05
81) Perylene-d12	14.13	264	47092	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.76	112	124266	157.50	ng	-0.04
Spiked Amount 200.000			Recovery = 78.75%			
7) Phenol-d5	4.62	99	167658	159.63	ng	-0.03
Spiked Amount 200.000			Recovery = 79.82%			
20) Nitrobenzene-d5	5.34	128	30551	71.95	ng	-0.04
Spiked Amount 100.000			Recovery = 71.95%			
40) 2-Fluorobiphenyl	6.83	172	124752	81.45	ng	-0.04
Spiked Amount 100.000			Recovery = 81.45%			
62) 2,4,6-Tribromophenol	8.31	332	63515	184.48	ng	-0.05
Spiked Amount 200.000			Recovery = 92.24%			
75) Terphenyl-d14	10.98	244	115331	77.75	ng	-0.04
Spiked Amount 100.000			Recovery = 77.75%			
Target Compounds						Qvalue
8) Phenol	4.64	94	195642	172.15	ng	51
9) 2-Chlorophenol	4.74	128	146741	168.67	ng	91
10) 1,3-Dichlorobenzene	4.92	146	85979	92.08	ng	100
11) 1,4-Dichlorobenzene	4.92	146	85979	94.13	ng	99
12) 1,2-Dichlorobenzene	4.92	146	85979	95.98	ng	98
17) N-Nitroso-di-n-propylamine	5.24	70	59582	79.67	ng	72
28) 1,2,4-Trichlorobenzene	5.86	180	70209	94.33	ng	97
29) Naphthalene	5.92	128	24276	13.03	ng	96
32) 4-Chloro-3-methylphenol	6.37	107	140724	181.87	ng	95
33) 2-Methylnaphthalene	6.51	142	9037	6.93	ng	94
34) Methylnaphthalene(Total)	6.51	142	9037	6.93	ng	94
43) 1,4-Dimethylnaphthalene	7.26	156	3698	4.02	ng	88
44) Dimethylnaphthalene(Total)	7.26	156	3698	4.02	ng	88
46) Acenaphthylene	7.33	152	2233	1.09	ng	57
48) 2,6-Dinitrotoluene	7.48	165	7247	18.02	ng	40
49) Acenaphthene	7.51	153	127706	94.85	ng	99
52) Dibenzofuran	7.69	168	6533	3.68	ng	91
53) 2,4-Dinitrotoluene	7.68	165	49929	94.95	ng	94
54) 4-Nitrophenol	7.62	65	73818	163.81	ng	80

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

1280

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05389.D Vial: 6
Acq On : 5 Aug 2005 9:54 Operator: AHD
Sample : AC18807-011(MS:AC18807-009) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 10:11 2005 Quant Results File: 4M_0803.RES

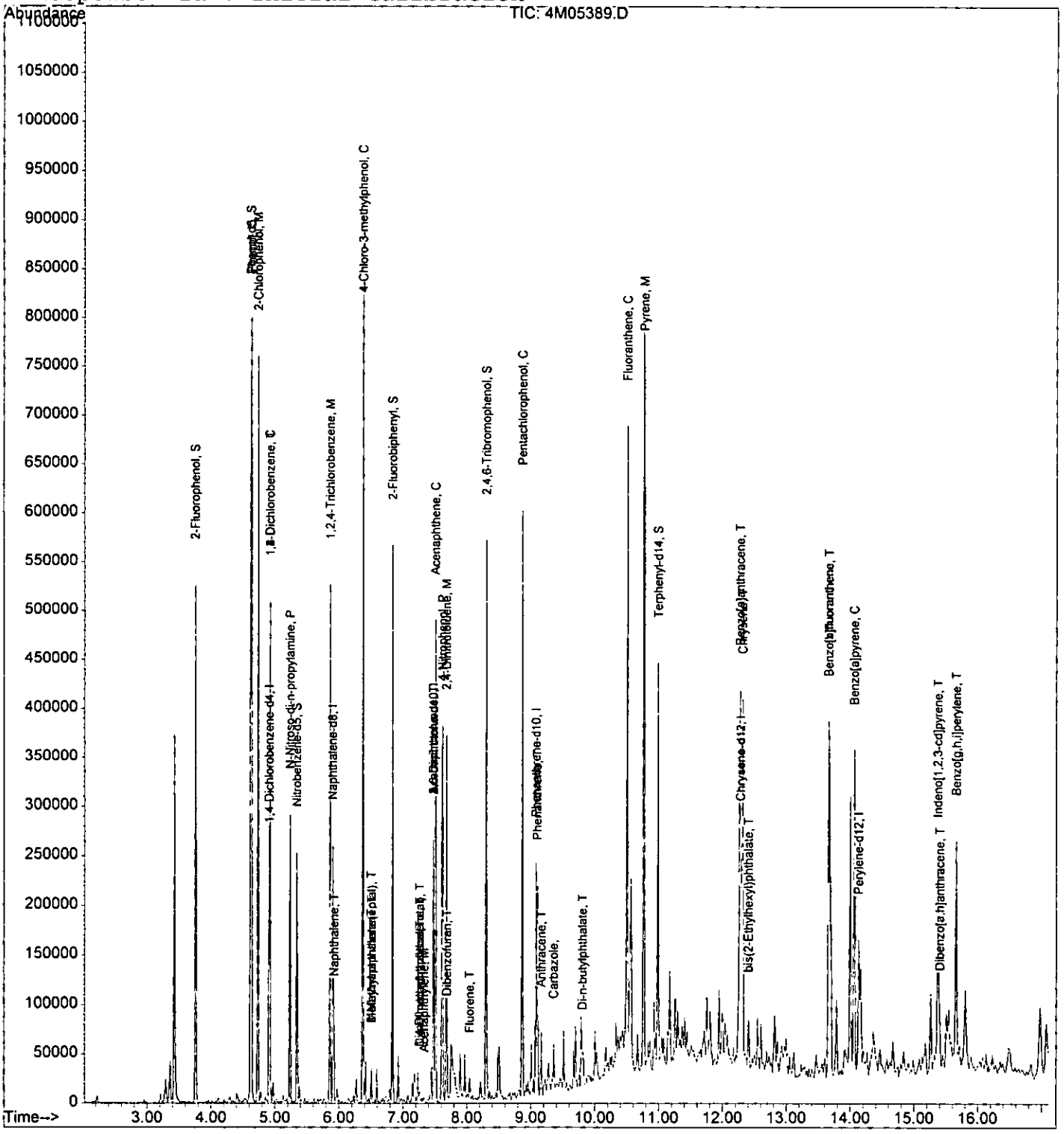
Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0803.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Wed Aug 03 12:10:40 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0803

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
55)	Fluorene	8.05	166	4247	3.25	ng	97
66)	Pentachlorophenol	8.87	266	66552	182.90	ng	94
67)	Phenanthrene	9.10	178	90914	47.32	ng	98
68)	Anthracene	9.16	178	23166	11.87	ng	98
69)	Carbazole	9.36	167	15826	8.84	ng	95
70)	Di-n-butylphthalate	9.81	149	6493	2.48	ng	85
71)	Fluoranthene	10.50	202	220156	110.15	ng	93
73)	Pyrene	10.77	202	372112	183.75	ng	81
78)	Benzo[a]anthracene	12.27	228	160853	97.34	ng	97
79)	Chrysene	12.31	228	142427	96.48	ng	98
80)	bis(2-Ethylhexyl)phthalate	12.41	149	7639	5.95	ng	97
83)	Benzo[b]fluoranthene	13.66	252	301882	154.10	ng	99
84)	Benzo[k]fluoranthene	13.66	252	301882	177.94	ng	96
85)	Benzo[a]pyrene	14.06	252	166595	103.46	ng	97
86)	Indeno[1,2,3-cd]pyrene	15.37	276	121517	83.19	ng	89
87)	Dibenzo[a,h]anthracene	15.40	278	40587	33.93	ng	93
88)	Benzo[g,h,i]perylene	15.66	276	115215	98.82	ng	91

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

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05389.D Vial: 6
Acq On : 5 Aug 2005 9:54 Operator: AHD
Sample : AC18807-011(MS:AC18807-009) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 10:11 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\08-05-05\4M05390.D Vial: 7
Acq On : 5 Aug 2005 10:18 Operator: AHD
Sample : AC18807-012(MSD:AC18807-009) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 10:59 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	29435	40.00	ng	-0.04
19) Naphthalene-d8	5.91	136	96821	40.00	ng	-0.04
35) Acenaphthene-d10	7.48	164	48896	40.00	ng	-0.05
59) Phenanthrene-d10	9.08	188	77744	40.00	ng	-0.06
72) Chrysene-d12	12.29	240	54276	40.00	ng	-0.05
81) Perylene-d12	14.14	264	46828	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.76	112	127414	153.46	ng	-0.04
Spiked Amount 200.000			Recovery = 76.73%			
7) Phenol-d5	4.62	99	164560	148.89	ng	-0.04
Spiked Amount 200.000			Recovery = 74.44%			
20) Nitrobenzene-d5	5.34	128	35338	72.91	ng	-0.04
Spiked Amount 100.000			Recovery = 72.91%			
40) 2-Fluorobiphenyl	6.84	172	118876	75.87	ng	-0.04
Spiked Amount 100.000			Recovery = 75.87%			
62) 2,4,6-Tribromophenol	8.31	332	64407	185.09	ng	-0.05
Spiked Amount 200.000			Recovery = 92.55%			
75) Terphenyl-d14	10.99	244	114975	75.19	ng	-0.04
Spiked Amount 100.000			Recovery = 75.19%			
Target Compounds						Qvalue
8) Phenol	4.63	94	168322	140.74	ng	61
9) 2-Chlorophenol	4.73	128	133490	145.80	ng	69
10) 1,3-Dichlorobenzene	4.93	146	82346	83.81	ng	97
11) 1,4-Dichlorobenzene	4.93	146	82346	85.67	ng	98
12) 1,2-Dichlorobenzene	4.93	146	82346	87.35	ng	99
17) N-Nitroso-di-n-propylamine	5.23	70	62888	79.91	ng	91
28) 1,2,4-Trichlorobenzene	5.87	180	68375	80.48	ng	95
29) Naphthalene	5.93	128	18779	8.83	ng	98
32) 4-Chloro-3-methylphenol	6.37	107	125710	142.32	ng	82
33) 2-Methylnaphthalene	6.50	142	8799	5.91	ng	99
34) Methylnaphthalene(Total)	6.50	142	8799	5.91	ng	99
43) 1,4-Dimethylnaphthalene	7.27	156	3793	4.03	ng	68
44) Dimethylnaphthalene(Total)	7.27	156	3793	4.03	ng	68
48) 2,6-Dinitrotoluene	7.48	165	7302	17.75	ng	40
49) Acenaphthene	7.51	153	127060	92.25	ng	100
52) Dibenzofuran	7.69	168	6375	3.51	ng	82
53) 2,4-Dinitrotoluene	7.69	165	51662	96.04	ng	72
54) 4-Nitrophenol	7.61	65	63627	138.02	ng	96
55) Fluorene	8.04	166	4268	3.20	ng	89

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

1280

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05390.D Vial: 7
Acq On : 5 Aug 2005 10:18 Operator: AHD
Sample : AC18807-012(MSD:AC18807-009) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 10:59 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

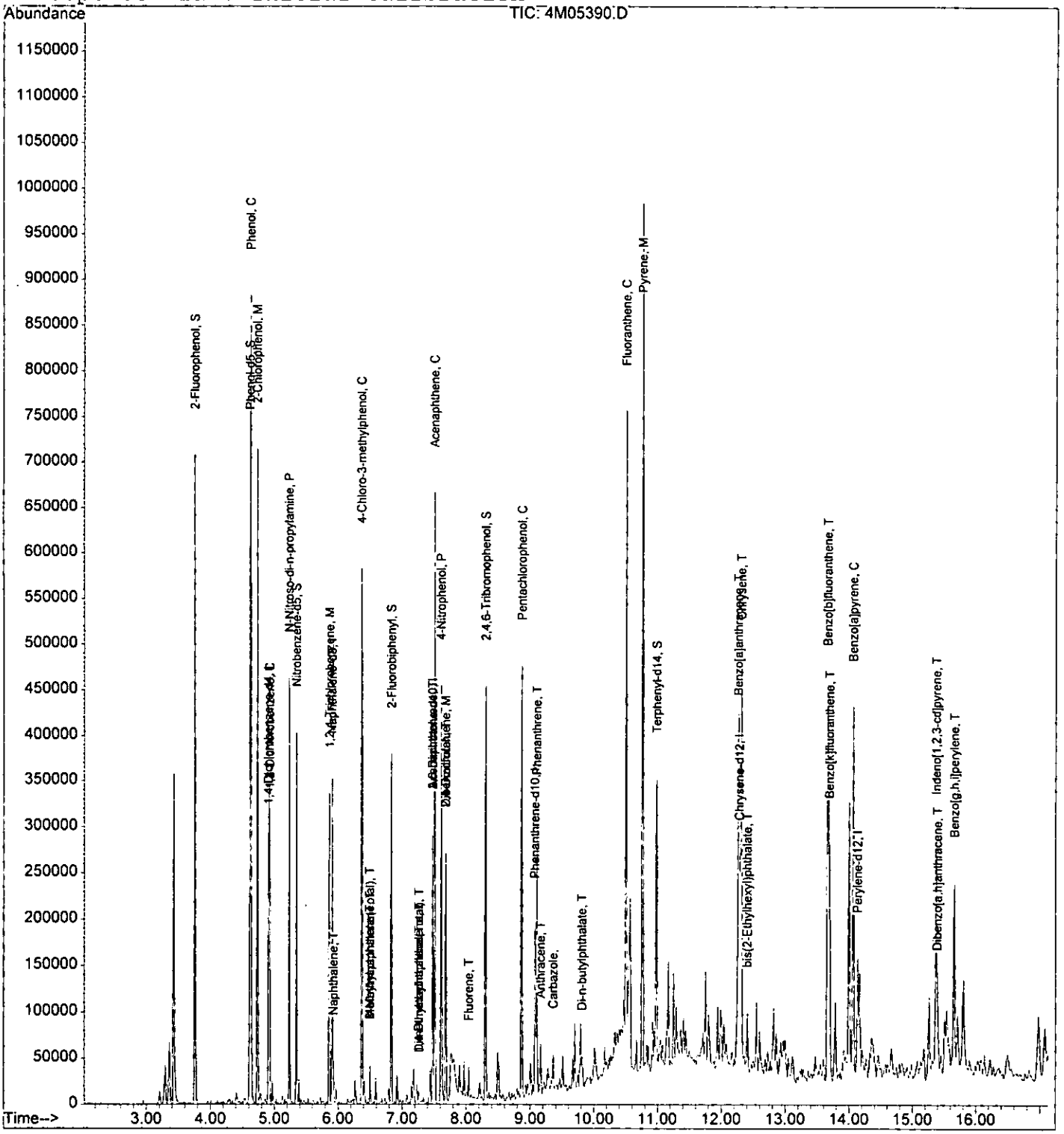
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
66)	Pentachlorophenol	8.87	266	59411	161.55	ng	95
67)	Phenanthrene	9.11	178	94537	48.68	ng	98
68)	Anthracene	9.17	178	25730	13.05	ng	97
69)	Carbazole	9.36	167	17205	9.51	ng	98
70)	Di-n-butylphthalate	9.81	149	5880	2.22	ng	88
71)	Fluoranthene	10.51	202	234596	116.13	ng	93
73)	Pyrene	10.76	202	378479	181.30	ng	95
78)	Benzo[a]anthracene	12.27	228	168738	99.05	ng	98
79)	Chrysene	12.32	228	181344	119.17	ng	97
80)	bis(2-Ethylhexyl)phthalate	12.41	149	8017	6.06	ng	95
83)	Benzo[b]fluoranthene	13.67	252	270301m	138.76	ng	
84)	Benzo[k]fluoranthene	13.70	252	86354m	51.19	ng	
85)	Benzo[a]pyrene	14.07	252	190926	119.24	ng	98
86)	Indeno[1,2,3-cd]pyrene	15.37	276	132135	90.97	ng	86
87)	Dibenzo[a,h]anthracene	15.40	278	48832	41.06	ng	94
88)	Benzo[g,h,i]perylene	15.66	276	119489	103.06	ng	93

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

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-05-05\4M05390.D Vial: 7
Acq On : 5 Aug 2005 10:18 Operator: AHD
Sample : AC18807-012(MSD:AC18807-009) Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 10:59 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



GC/MS Semi-Volatile Data
Extraction/Logbook Data

Method Blank No. SMB- 2608
Blank Spike (SMBS): 2607 ; 2608
Blank Spike (SMBS): _____

Date: 08/03/05
Matrix Spike: 18796-014 ; 18855-001
Matrix Spike: _____

Analysis: BN/ BNA / ~~AE~~

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2608	x	30g	1ml		x		
MBS 2608	x						
18786-004	10						
18786-005	11						
18786-006	12						
18786-007	13						
18786-008	14						
18786-009	15						
18786-010	16						
18786-016	17						
18786-017	18						
18847-008	19			x			
18847-009	20						
MS 18855-001	x				x		
MSD 18855-001	x						
18855-001	1						
18847-010	2			x			
18847-011	3						
18847-012	4						
18847-013	5						
18847-014	6						
18847-015	7						
18847-016	8						
18847-017	9						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V498	BNA SPIKE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V204	BNA SURR

Reagent Lots: MeCL2 051907 Acetone 050776 Hexane _____ Na2SO4 ~~050~~002 Ether _____

MTBE _____ Other _____

Relinquished By: AB
Received By: _____

Date: 08/03/05
Date: 08/07/05

000048

Method Blank No. SMB- 2609
Blank Spike (SMBS): 2608
Blank Spike (SMBS): _____

Date: 08/04/05
Matrix Spike: 18855001 ; 18883-001
Matrix Spike: _____

Analysis: BN/ BNA / AE

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2609	1	30 g	1ml		1		
MBS 2609	1						
18778-001	10						
18778-002	11						
18778-003	12						
18778-004	13						
18778-005	14						
18778-006	15						
18778-007	16						
18855-002	17						
18855-003	18						
18855-004	19						
18881-001 ~~18883-001~~ RQ 8/5/05	20						
MS 18883-001	1						
MSD 18883-001	1						
18883-001 ~~18881-001~~ RQ 8/5/05	1						
18881-002	2						
18881-003	3						
18881-004	4						
18881-005	5						
Crd ~~18881~~ 18881-006	6						
18881-007	7						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	1498	BNA Spike

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	1204	BNA Surr

Reagent Lots: MeCL2 051907 Acetone 043785 Hexane _____ Na2SO4 052002 Ether _____

MTBE _____ Other _____

Relinquished By: CJC
Received By: _____

Date: 08/04/05
Date: _____

0009469

Method Blank No. SMB-2610
Blank Spike (SMBS): 2609, 2610
Blank Spike (SMBS): _____

Date: 8/4/05
Matrix Spike: 18830-001, 18807-011 - 18807-012
Matrix Spike: _____

Analysis: BN/(BNA)/ AE

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2610	x	30 g	1 ml		x		
MBS 2610	x	↓	↓		↓		
18778-008	8						
18778-009	9						
18778-010	10						
18778-011	11						
18778-012	12						
18778-013	13						
18778-014	14						
18778-015	15						
18778-016	16						
18778-017	17						
18778-018	18						
18778-019	19						
18778-020	20						
MS 18807-011	x						
MSD 18807-012	x						
18807-009	1						
18807-010	2						
18807-001	3						
18807-002	4						
18807-003	5						
18807-004	6						
18807-005	7						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V498	BNA Spike

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	Y204	BNA Surr.

Reagent Lots: MeCL2 051907 Acetone 043785 Hexane _____ Na2SO4 052002 Ether _____

MTBE _____ Other _____

Relinquished By: MSL
Received By: _____

Date: 8/4/05
Date: 8/5/05

T:aaaaQAQC/DOC/GCMS SOIL Ext Log

000950

Method Blank No. SMB- 2613
Blank Spike (SMBS): 2610 ; 2613
Blank Spike (SMBS): _____

Date: 08/07/05
Matrix Spike: 18807-011 ; 18807-012 ; 18807-021
Matrix Spike: _____

Analysis: BN / BNA / ~~AE~~

Sample Number	# in Batch	Initial Volume	Final Volume	Fraction BN	Fraction BNA	Fraction AE	Comments
MB 2613	X	30g	1ml		X		
MBS 2613	X						
18778-021	16						
18778-022	17						
18778-023	18						
18778-024	19						
18807-015	20						
18807-021 MS	X						
18807-021 MSD	X						
18807-021	1						
18807-016	2						
18807-017	3						
18807-018	4						
18807-019	5						
18807-020	6						
18807-022	7						
18807-023	8						
18807-024	9						
18807-025	10						
18806-001	11	30g	3ml 1.0ml				MSL nasty samples
18820-001	12						
18820-002	13						
18820-003	14						
18820-004	15						

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V-498	BNA SPIKE

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
100	1000/2000	V-204	BNA SURROGATE

Reagent Lots: MeCL2 051907 Acetone 043785 Hexane _____ Na2SO4 052002 Ether _____
MTBE _____ Other _____

Relinquished By: AB / MSL
Received By: _____

Date: 08/07/05
Date: OP/ 08/07

T:aaaaQAQC/DOC/GCMS SOIL Ext Log

RUN LOG

Instrument: GCMS_5 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5M09384.	CAL DFTPP								07/22 08:08					
5M09385.	CAL BNA@50PPM				Aqueou	1	1	625 8270	07/22 08:30	5M09385				
5M09386.	CAL BNA@10PPM				Aqueou	1	1	625 8270	07/22 08:53	5M09385				
5M09387.	CAL BNA@25PPM				Aqueou	1	1	625 8270	07/22 09:16	5M09385				
5M09388.	CAL BNA@80PPM				Aqueou	1	1	625 8270	07/22 09:39	5M09385				
5M09389.	CAL BNA@120PPM				Aqueou	1	1	625 8270	07/22 10:01	5M09385				
5M09390.	CAL BNA@160PPM	Oc			Aqueou	1	1	625 8270	07/22 10:24	5M09385				
5M09391.	CAL BNA@200PPM	Oc			Aqueou	1	1	625 8270	07/22 10:47	5M09385				
5M09392.	AC18716-003			BNPAH-8270	Aqueou	1	1	8270	07/22 11:29	5M09385		5M09385		
5M09393.	AC18623-013(R)			BN15-625	Aqueou	1	1	625	07/22 11:52	5M09385	5M09385	5M09385		
5M09394.	AC18669-004(T)			BNATCLP-82	Aqueou	1	1	8270	07/22 12:15	5M09385		5M09385		
5M09395.	WMB2620				Aqueou	1	1	625 8270	07/22 12:38	5M09385	5M09385	5M09385		
5M09396.	AC18716-001			BNPAH-8270	Soil	1	1	8270	07/22 13:00	5M09385		5M09385		
5M09397.	AC18716-002			BNPAH-8270	Soil	1	1	8270	07/22 13:23	5M09385		5M09385		
5M09398.	WMB2620(MS)	M18b	WMB2620		Aqueou	1	1	625 8270	07/22 13:46	5M09385	5M09385	5M09385		
5M09399.	AC18623-007(R)	Sb6		BN15-625	Aqueou	1	1	625	07/22 14:09	5M09385	5M09385	5M09385		
5M09400.	WMB2621				Aqueou	1	1	625 8270	07/22 14:32	5M09385	5M09385	5M09385		
5M09401.	WMB2621(MS)	M18a	WMB2621		Aqueou	1	1	625 8270	07/22 14:55	5M09385	5M09385	5M09385		
5M09402.	AC18667-001		WMB2621	BNA-625	Aqueou	1	1	625	07/22 15:18	5M09385	5M09385	5M09385		
5M09403.	AC18667-001(MS)	M16bM18aM18b	WMB2621	BNA-625	Aqueou	1	1	625 8270	07/22 15:41	5M09385	5M09385	5M09385		
5M09404.	AC18667-001(MSD)	M18aM18b	WMB2621	BNA-625	Aqueou	1	1	625 8270	07/22 16:04	5M09385	5M09385	5M09385		
5M09405.	SMB2594				Soil	1	1	8270	07/22 16:27	5M09385		5M09385		
5M09406.	SMB2594(MS)	OcM18aM18b	SMB2594		Soil	1	1	8270	07/22 16:50	5M09385		5M09385		
5M09407.	AC18689-002		SMB2594	BNPAH-8270	Soil	1	1	8270	07/22 17:13	5M09385		5M09385		
5M09408.	AC18689-002(MS)	OcM18aM18b	SMB2594	BNPAH-8270	Soil	1	1	8270	07/22 17:36	5M09385		5M09385		
5M09409.	AC18689-002(MSD)	OcM18b	SMB2594	BNPAH-8270	Soil	1	1	8270	07/22 17:59	5M09385		5M09385		
5M09410.	AC18689-007			BNA25-8270	Soil	1	1	8270	07/22 18:22	5M09385		5M09385		
5M09411.	AC18475-001(T)			BNATCLP-82	Aqueou	1	1	8270	07/22 18:46	5M09385		5M09385		
5M09412.	EF2V4993				Aqueou	1	1	8270	07/22 19:09	5M09385		5M09385		
5M09413.	AC18681-001(5X)			BNSTAR2-82	Aqueou	5	5	8270	07/22 19:31	5M09385		5M09385		
5M09414.	AC18657-001			BN15-625	Aqueou	1	1	625	07/22 19:54	5M09385	5M09385	5M09385		
5M09415.	AC18666-001			BNA-625	Aqueou	1	1	625	07/22 20:17	5M09385	5M09385	5M09385		
5M09416.	AC18691-001			BN15-625	Aqueou	1	1	625	07/22 20:40	5M09385	5M09385	5M09385		
5M09417.	AC18698-005			BN15-625	Aqueou	1	1	625	07/22 21:03	5M09385	5M09385	5M09385		
5M09418.	AC18661-001(R)			BN15-625	Aqueou	1	1	625	07/22 21:26	5M09385	5M09385	5M09385		
5M09419.	AC18711-001			BN15-625	Aqueou	1	1	625	07/22 21:49	5M09385	5M09385	5M09385		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/evat	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval.Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wle	Warning.... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
4M05295.	CAL DFTPP								08/03 06:21					
4M05296.		TnIsCnSnc	Not Quant'd											
4M05297.	CAL DFTPP								08/03 08:09					
4M05298.		TnIsCnSnc	Not Quant'd											
4M05299.	CAL BNA@50PPM				Soil	1	1	625 8270	08/03 08:52	4M05299				
4M05300.	CAL BNA@10PPM				Soil	1	1	625 8270	08/03 09:19	4M05299				
4M05301.	CAL BNA@25PPM				Soil	1	1	625 8270	08/03 09:43	4M05299				
4M05302.	CAL BNA@80PPM				Soil	1	1	625 8270	08/03 10:07	4M05299				
4M05303.	CAL BNA@120PPM				Soil	1	1	625 8270	08/03 10:31	4M05299				
4M05304.	CAL BNA@160PPM	Oc			Soil	1	1	625 8270	08/03 10:55	4M05299				
4M05305.	CAL BNA@200PPM	Oc			Soil	1	1	625 8270	08/03 11:19	4M05299				
4M05306.	SMB2606	Ao			Soil	1	1	8270	08/03 11:43	4M05299		4M05299		
4M05307.	AC18819-004			BNA25-8270	Soil	1	1	8270	08/03 12:06	4M05299		4M05299		
4M05308.	AC18819-006			BNA25-8270	Soil	1	1	8270	08/03 12:30	4M05299		4M05299		
4M05309.	AC18819-012			BNA25-8270	Soil	1	1	8270	08/03 12:54	4M05299		4M05299		
4M05310.	AC18819-018			BNA25-8270	Soil	1	1	8270	08/03 13:18	4M05299		4M05299		
4M05311.	SMB2606				Soil	1	1	8270	08/03 13:42	4M05299		4M05299		
4M05312.	SMB2605(MS)	M18b	SMB2605		Soil	1	1	8270	08/03 14:06	4M05299		4M05299		
4M05313.	AC18819-008(MS)	AoMnc	SMB2605	BNA25-8270	Soil	1	1	8270	08/03 14:30	4M05299		4M05299		
4M05314.	AC18819-008(MSD)	Mnc	SMB2605	BNA25-8270	Soil	1	1	8270	08/03 14:54	4M05299		4M05299		
4M05315.	AC18802-004			BNA25-8270	Soil	1	1	8270	08/03 15:18	4M05299		4M05299		
4M05316.	AC18802-006			BNA25-8270	Soil	1	1	8270	08/03 15:41	4M05299		4M05299		
4M05317.	AC18853-002			BNA25-8270	Soil	1	1	8270	08/03 16:05	4M05299		4M05299		
4M05318.	AC18853-003			BNA25-8270	Soil	1	1	8270	08/03 16:29	4M05299		4M05299		
4M05319.	AC18853-004			BNA25-8270	Soil	1	1	8270	08/03 16:53	4M05299		4M05299		
4M05320.	AC18808-001	Ao		BNA-8270	Soil	1	1	8270	08/03 17:17	4M05299		4M05299		
4M05321.	AC18802-002	Ao		BNA25-8270	Soil	1	1	8270	08/03 17:42	4M05299		4M05299		
4M05322.	AC18802-005			BNA25-8270	Soil	1	1	8270	08/03 18:06	4M05299		4M05299		
4M05323.	AC18852-001	Ao		BNPAH-8270	Soil	1	1	8270	08/03 18:30	4M05299		4M05299		
4M05324.	AC18853-001	Ao		BNA25-8270	Soil	1	1	8270	08/03 18:54	4M05299		4M05299		
4M05325.	AC18847-001			BN-8270	Soil	1	1	8270	08/03 19:18	4M05299		4M05299		
4M05326.	AC18802-001	Ao		BNA25-8270	Soil	1	1	8270	08/03 19:42	4M05299		4M05299		
4M05327.	AC18786-013	Ao		BNA25-8270	Soil	1	1	8270	08/03 20:06	4M05299		4M05299		
4M05328.	AC18786-014	Ti8Ao		BNA25-8270	Soil	1	1	8270	08/03 20:30	4M05299		4M05299		
4M05329.	AC18796-007	Ti8		BNA-8270	Soil	1	1	8270	08/03 20:54	4M05299		4M05299		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning.. Instrument Id not in TxtLoc field

RUN LOG

Instrument: GCMS_5 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5M09735.	CAL DFTPP								08/04 06:25					
5M09736.	CAL BNA@50PPM				Aqueou	1	1	625 8270	08/04 06:44	5M09385				
5M09737.	WMB2631				Aqueou	1	1	625 8270	08/04 07:06	5M09385	5M09736	5M09736		
5M09738.	WMB2631(MS)		WMB2631		Aqueou	1	1	625 8270	08/04 07:31	5M09385	5M09736	5M09736		
5M09739.	AC18852-001(T)			BNATCLP-82	Aqueou	1	1	8270	08/04 07:53	5M09385		5M09736		
5M09740.	AC18832-004		WMB2631	BN15-625	Aqueou	1	1	625	08/04 08:15	5M09385	5M09736	5M09736		
5M09741.	AC18832-004(MS)		WMB2631	BN15-625	Aqueou	1	1	625 8270	08/04 08:37	5M09385	5M09736	5M09736		
5M09742.	AC18832-004(MSD)	M18a	WMB2631	BN15-625	Aqueou	1	1	625 8270	08/04 08:59	5M09385	5M09736	5M09736		
5M09743.	AC18897-001			BN15-625	Aqueou	1	1	625	08/04 09:20	5M09385	5M09736	5M09736		
5M09744.	AC18897-002			BN15-625	Aqueou	1	1	625	08/04 09:42	5M09385	5M09736	5M09736		
5M09745.	SMB2607				Soil	1	1	8270	08/04 10:04	5M09385		5M09736		
5M09746.	SMB2608				Soil	1	1	8270	08/04 10:26	5M09385		5M09736		
5M09747.	SMB2608(MS)		SMB2608		Soil	1	1	8270	08/04 10:48	5M09385		5M09736		
5M09748.	AC18855-001		SMB2608	BNA25-8270	Soil	1	1	8270	08/04 11:09	5M09385		5M09736		
5M09749.	AC18855-001(MS)		SMB2608	BNA25-8270	Soil	1	1	8270	08/04 11:31	5M09385		5M09736		
5M09750.	AC18855-001(MSD)		SMB2608	BNA25-8270	Soil	1	1	8270	08/04 11:53	5M09385		5M09736		
5M09751.	AC18807-007			BNA-8270	Aqueou	1	1	8270	08/04 12:15	5M09385		5M09736		
5M09752.	AC18820-012			BN-8270	Aqueou	1	1	8270	08/04 12:37	5M09385		5M09736		
5M09753.	AC18847-005			BN-8270	Soil	1	1	8270	08/04 12:59	5M09385		5M09736		
5M09754.	AC18847-013			BN-8270	Soil	1	1	8270	08/04 13:21	5M09385		5M09736		
5M09755.	AC18847-014			BN-8270	Soil	1	1	8270	08/04 13:42	5M09385		5M09736		
5M09756.	AC18847-015			BN-8270	Soil	1	1	8270	08/04 14:04	5M09385		5M09736		
5M09757.	AC18847-016			BN-8270	Soil	1	1	8270	08/04 14:26	5M09385		5M09736		
5M09758.	AC18847-017			BN-8270	Soil	1	1	8270	08/04 14:48	5M09385		5M09736		
5M09759.	AC18786-005			BNA25-8270	Soil	1	1	8270	08/04 15:10	5M09385		5M09736		
5M09760.	AC18786-007			BNA25-8270	Soil	1	1	8270	08/04 15:32	5M09385		5M09736		
5M09761.	AC18786-008			BNA25-8270	Soil	1	1	8270	08/04 15:54	5M09385		5M09736		
5M09762.	AC18786-009			BNA25-8270	Soil	1	1	8270	08/04 16:16	5M09385		5M09736		
5M09763.	AC18786-010			BNA25-8270	Soil	1	1	8270	08/04 16:38	5M09385		5M09736		
5M09764.	AC18786-017			BNA25-8270	Soil	1	1	8270	08/04 17:00	5M09385		5M09736		
5M09765.	AC18796-015			BNA-8270	Soil	1	1	8270	08/04 17:22	5M09385		5M09736		
5M09766.	AC18796-016			BNA-8270	Soil	1	1	8270	08/04 17:44	5M09385		5M09736		
5M09767.	AC18796-018			BNA-8270	Soil	1	1	8270	08/04 18:06	5M09385		5M09736		
5M09768.	AC18796-019	Ti8		BNA-8270	Soil	1	1	8270	08/04 18:29	5M09385		5M09736		
5M09769.	AC18832-001			BN15-625	Aqueou	1	1	625	08/04 18:50	5M09385	5M09736	5M09736		
5M09770.	AC18832-002			BN15-625	Aqueou	1	1	625	08/04 19:12	5M09385	5M09736	5M09736		
5M09771.	AC18832-003			BN15-625	Aqueou	1	1	625	08/04 19:34	5M09385	5M09736	5M09736		
5M09772.	AC18825-005			BN15-625	Aqueou	1	1	625	08/04 19:56	5M09385	5M09736	5M09736		
5M09773.	AC18825-007			BN15-625	Aqueou	1	1	625	08/04 20:18	5M09385	5M09736	5M09736		
5M09774.	AC18823-001			BN15-625	Aqueou	1	1	625	08/04 20:40	5M09385	5M09736	5M09736		
5M09775.	AC18823-003			BN15-625	Aqueou	1	1	625	08/04 21:02	5M09385	5M09736	5M09736		
5M09776.	AC18841-001			BN15-625	Aqueou	1	1	625	08/04 21:24	5M09385	5M09736	5M09736		
5M09777.	AC18841-002			BN15-625	Aqueou	1	1	625	08/04 21:46	5M09385	5M09736	5M09736		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Dnft
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Dnft Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Dnft Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Dnft Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Ebe	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval.Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wle	Warning... Instrument Id not in.TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
4M05350.	CAL DFTPP								08/04 15:39					
4M05351.	CAL BNA@50PPM	IsC16C18			Soil	1	1	625 8270	08/04 15:56	4M05299				
4M05352.	CAL DFTPP								08/04 17:16					
4M05353.	CAL BNA@50PPM	C16			Soil	1	1	625 8270	08/04 17:37	4M05299				
4M05354.	SMB2609(MS)	M18b	SMB2609		Soil	1	1	8270	08/04 18:01	4M05299		4M05353		
4M05355.	SMB2609				Soil	1	1	8270	08/04 18:25	4M05299		4M05353		
4M05356.	AC18883-001	Ao	SMB2609	BNA25-8270	Soil	1	1	8270	08/04 18:49	4M05299		4M05353		
4M05357.	AC18883-001(MS)	AoM18b	SMB2609	BNA25-8270	Soil	1	1	8270	08/04 19:14	4M05299		4M05353		
4M05358.	AC18883-001(MSD)	AoM18b	SMB2609	BNA25-8270	Soil	1	1	8270	08/04 19:38	4M05299		4M05353		
4M05359.	AC18847-008	Ao		BN-8270	Soil	1	1	8270	08/04 20:02	4M05299		4M05353		
4M05360.	AC18847-010	Ao		BN-8270	Soil	1	1	8270	08/04 20:26	4M05299		4M05353		
4M05361.	AC18847-011	Ao		BN-8270	Soil	1	1	8270	08/04 20:50	4M05299		4M05353		
4M05362.	AC18847-012	Ao		BN-8270	Soil	1	1	8270	08/04 21:15	4M05299		4M05353		
4M05363.	AC18786-001	Ao		BNA25-8270	Soil	1	1	8270	08/04 21:39	4M05299		4M05353		
4M05364.	AC18786-002	Ao		BNA25-8270	Soil	1	1	8270	08/04 22:03	4M05299		4M05353		
4M05365.	AC18786-003	Ao		BNA25-8270	Soil	1	1	8270	08/04 22:27	4M05299		4M05353		
4M05366.	AC18786-004			BNA25-8270	Soil	1	1	8270	08/04 22:51	4M05299		4M05353		
4M05367.	AC18786-006	Ao		BNA25-8270	Soil	1	1	8270	08/04 23:15	4M05299		4M05353		
4M05368.	AC18786-011			BNA25-8270	Soil	1	1	8270	08/04 23:39	4M05299		4M05353		
4M05369.	AC18786-014	Ao		BNA25-8270	Soil	1	1	8270	08/05 00:03	4M05299		4M05353		
4M05370.	AC18786-015	Ao		BNA25-8270	Soil	1	1	8270	08/05 00:27	4M05299		4M05353		
4M05371.	AC18786-016	Ao		BNA25-8270	Soil	1	1	8270	08/05 00:51	4M05299		4M05353		
4M05372.	AC18796-007	Ao		BNA-8270	Soil	1	1	8270	08/05 01:15	4M05299		4M05353		
4M05373.	AC18796-008	Ao		BNA-8270	Soil	1	1	8270	08/05 01:39	4M05299		4M05353		
4M05374.	AC18796-009	Ao		BNA-8270	Soil	1	1	8270	08/05 02:02	4M05299		4M05353		
4M05375.	AC18796-012	Ao		BNA-8270	Soil	1	1	8270	08/05 02:26	4M05299		4M05353		
4M05376.	AC18796-013	Ao		BNA-8270	Soil	1	1	8270	08/05 02:50	4M05299		4M05353		
4M05377.	AC18796-017	Ao		BNA-8270	Soil	1	1	8270	08/05 03:14	4M05299		4M05353		
4M05378.	AC18796-020	Ao		BNA-8270	Soil	1	1	8270	08/05 03:38	4M05299		4M05353		
4M05379.	AC18796-021	Ao		BNA-8270	Soil	1	1	8270	08/05 04:01	4M05299		4M05353		
4M05380.	AC18796-022	Ao		BNA-8270	Soil	1	1	8270	08/05 04:25	4M05299		4M05353		
4M05381.	AC18778-002	Ao		BNA-8270	Soil	1	1	8270	08/05 04:49	4M05299		4M05353		
4M05382.	AC18881-007	Ao		BNA25-8270	Soil	1	1	8270	08/05 05:13	4M05299		4M05353		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for ini calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GCMS_5 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5M09778.	CAL DFTPP								08/05 06:24					
5M09779.	CAL BNA@50PPM				Aqueou	1	1	625 8270	08/05 06:42	5M09385				
5M09780.	SMB2610				Soil	1	1	8270	08/05 07:09	5M09385		5M09779		
5M09781.	SMB2611				Soil	1	1	8270	08/05 07:31	5M09385		5M09779		
5M09782.	SMB2611(MS)		SMB2611		Soil	1	1	8270	08/05 07:52	5M09385		5M09779		
5M09783.	WMB2632				Aqueou	1	1	625 8270	08/05 08:14	5M09385	5M09779	5M09779		
5M09784.	WMB2632(MS)		WMB2632		Aqueou	1	1	625 8270	08/05 08:36	5M09385	5M09779	5M09779		
5M09785.	AC18883-001(T)			BNATCLP-82	Aqueou	1	1	8270	08/05 08:57	5M09385		5M09779		
5M09786.	AC18796-019			BNA-8270	Soil	1	1	8270	08/05 09:19	5M09385		5M09779		
5M09787.	AC18881-005			BNA25-8270	Soil	1	1	8270	08/05 09:41	5M09385		5M09779		
5M09788.	AC18778-003			BNA-8270	Soil	1	1	8270	08/05 10:02	5M09385		5M09779		
5M09789.	AC18778-005			BNA-8270	Soil	1	1	8270	08/05 10:23	5M09385		5M09779		
5M09790.	AC18778-008			BNA-8270	Soil	1	1	8270	08/05 10:45	5M09385		5M09779		
5M09791.	AC18778-011			BNA-8270	Soil	1	1	8270	08/05 11:07	5M09385		5M09779		
5M09792.	AC18778-014			BNA-8270	Soil	1	1	8270	08/05 11:29	5M09385		5M09779		
5M09793.	AC18778-015			BNA-8270	Soil	1	1	8270	08/05 11:51	5M09385		5M09779		
5M09794.	WMB2633				Aqueou	1	1	625 8270	08/05 12:13	5M09385	5M09779	5M09779		
5M09795.	WMB2633(MS)	M18b	WMB2633		Aqueou	1	1	625 8270	08/05 12:34	5M09385	5M09779	5M09779		
5M09796.	AC18907-005(T)			BNATCLP-82	Aqueou	1	1	8270	08/05 12:56	5M09385		5M09779		
5M09797.	AC18807-002			BNA-8270	Soil	1	1	8270	08/05 13:18	5M09385		5M09779		
5M09798.	AC18807-003			BNA-8270	Soil	1	1	8270	08/05 13:40	5M09385		5M09779		
5M09799.	AC18807-005			BNA-8270	Soil	1	1	8270	08/05 14:02	5M09385		5M09779		
5M09800.	AC18807-006			BNA-8270	Soil	1	1	8270	08/05 14:24	5M09385		5M09779		
5M09801.	AC18807-008			BNA-8270	Soil	1	1	8270	08/05 14:46	5M09385		5M09779		
5M09802.	AC18807-010			BNA-8270	Soil	1	1	8270	08/05 15:08	5M09385		5M09779		
5M09803.	AC18807-013			BNA-8270	Soil	1	1	8270	08/05 15:30	5M09385		5M09779		
5M09804.	WMB2633				Aqueou	1	1	625 8270	08/05 15:52	5M09385	5M09779	5M09779		
5M09805.	AC18807-014			BNA-8270	Soil	1	1	8270	08/05 16:14	5M09385		5M09779		
5M09806.	AC18778-020			BNA-8270	Soil	1	1	8270	08/05 16:36	5M09385		5M09779		
5M09807.	AC18778-006			BNA-8270	Soil	1	1	8270	08/05 16:58	5M09385		5M09779		
5M09808.	AC18778-009			BNA-8270	Soil	1	1	8270	08/05 17:20	5M09385		5M09779		
5M09809.	AC18778-010			BNA-8270	Soil	1	1	8270	08/05 17:41	5M09385		5M09779		
5M09810.	AC18778-017			BNA-8270	Soil	1	1	8270	08/05 18:03	5M09385		5M09779		
5M09811.	AC18807-001	Ti8		BNA-8270	Soil	1	1	8270	08/05 18:25	5M09385		5M09779		
5M09812.	AC18778-018	Ti8		BNA-8270	Soil	1	1	8270	08/05 18:47	5M09385		5M09779		
5M09813.	AC18832-006			BN15-625	Aqueou	1	1	625	08/05 19:09	5M09385	5M09779	5M09779		
5M09814.	AC18832-007			BN15-625	Aqueou	1	1	625	08/05 19:30	5M09385	5M09779	5M09779		
5M09815.	AC18836-001			BN15-625	Aqueou	1	1	625	08/05 19:52	5M09385	5M09779	5M09779		
5M09816.	AC18836-002			BN15-625	Aqueou	1	1	625	08/05 20:14	5M09385	5M09779	5M09779		
5M09817.	AC18839-002			BN15-625	Aqueou	1	1	625	08/05 20:35	5M09385	5M09779	5M09779		
5M09818.	AC18839-003			BN15-625	Aqueou	1	1	625	08/05 20:57	5M09385	5M09779	5M09779		
5M09819.	AC18858-001			BN15-625	Aqueou	1	1	625	08/05 21:18	5M09385	5M09779	5M09779		
5M09820.	AC18858-002			BN15-625	Aqueou	1	1	625	08/05 21:40	5M09385	5M09779	5M09779		
5M09821.	AC18858-003			BN15-625	Aqueou	1	1	625	08/05 22:01	5M09385	5M09779	5M09779		
5M09822.	AC18858-004			BN15-625	Aqueou	1	1	625	08/05 22:23	5M09385	5M09779	5M09779		
5M09823.	AC18858-005			BN15-625	Aqueou	1	1	625	08/05 22:44	5M09385	5M09779	5M09779		
5M09824.	AC18858-006			BN15-625	Aqueou	1	1	625	08/05 23:06	5M09385	5M09779	5M09779		
5M09825.	AC18832-005			BN15-625	Aqueou	1	1	625	08/05 23:27	5M09385	5M09779	5M09779		

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C16	Calibration Column 1 Out (600 Series)
C18	Calibration Column 1 Out (8000 Series)
C26	Calibration Column 2 Out (600 Series)
C28	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Ending Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Int Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emp	Problem Checking Prep/rundates modcheckpreprunda
En	Eval.Time Not Checked

Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Date Missing/Not check'd
Etn	Tclp/Solvent Extraction Date Missing/Not check'd
Eto	Tclp Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16,I26	Initial cal 600 series failed Column 1 and or 2
I18,I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calrpt.csv for int calibration chek rfs
Iw	Initial cal warning..Ini cal file <> method..
Ix	Initial Cal Files Not Updated Properly for a sampl
M16,M26	Spike Out Col 1 and or Col 2 600 series
M16a,M16b	Spike Out Col 1 600 series Acid and or BN
M18,M28	Spike Out Col 1 and or Col 2 8000 series
M18a,M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration

Co	Warning Possible Carry Over
R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Ro	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration
Tn	Tune Not Checked
To	Tune File Failed
Wie	Warning... Instrument Id not in.TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
4M05383.	CAL DFTPP								08/05 06:36					
4M05384.	CAL BNA@50PPM	AoC16			Soil	1	1	625 8270	08/05 06:58	4M05299				
4M05385.	CAL BNA@50PPM	C16			Soil	1	1	625 8270	08/05 08:18	4M05299				
4M05386.	SMB2610				Soil	1	1	8270	08/05 08:42	4M05299		4M05385		
4M05387.	SMB2610(MS)	M18b	SMB2610		Soil	1	1	8270	08/05 09:06	4M05299		4M05385		
4M05388.	AC18807-009		SMB2610	BNA-8270	Soil	1	1	8270	08/05 09:30	4M05299		4M05385		
4M05389.	AC18807-011(MS:AC1	M18b	SMB2610	BNA-8270	Soil	1	1	8270	08/05 09:54	4M05299		4M05385		
4M05390.	AC18807-012(MSD:AC	M18b	SMB2610	BNA-8270	Soil	1	1	8270	08/05 10:18	4M05299		4M05385		
4M05391.	AC18847-004(R)			BN-8270	Soil	1	1	8270	08/05 10:42	4M05299		4M05385		
4M05392.	SMB2611				Soil	1	1	8270	08/05 11:06	4M05299		4M05385		
4M05393.	AC18881-001			BNA25-8270	Soil	1	1	8270	08/05 11:30	4M05299		4M05385		
4M05394.	AC18883-001(R)			BNA25-8270	Soil	1	1	8270	08/05 11:54	4M05299		4M05385		
4M05395.	AC18881-001(R)			BNA25-8270	Soil	1	1	8270	08/05 12:18	4M05299		4M05385		
4M05396.	AC18778-012			BNA-8270	Soil	1	1	8270	08/05 12:42	4M05299		4M05385		
4M05397.	AC18881-002(3X)	Oc		BNA25-8270	Soil	3	3	8270	08/05 13:06	4M05299		4M05385		
4M05398.	AC18881-006(3X)			BNA25-8270	Soil	3	3	8270	08/05 13:30	4M05299		4M05385		
4M05399.	AC18881-003			BNA25-8270	Soil	1	1	8270	08/05 13:54	4M05299		4M05385		
4M05400.	AC18881-004	Oc		BNA25-8270	Soil	1	1	8270	08/05 14:18	4M05299		4M05385		
4M05401.	AC18855-002			BNA25-8270	Soil	1	1	8270	08/05 14:42	4M05299		4M05385		
4M05402.	AC18855-003			BNA25-8270	Soil	1	1	8270	08/05 15:06	4M05299		4M05385		
4M05403.	AC18855-004			BNA25-8270	Soil	1	1	8270	08/05 15:31	4M05299		4M05385		
4M05404.	AC18807-004			BNA-8270	Soil	1	1	8270	08/05 15:55	4M05299		4M05385		
4M05405.	SMB2612(MS)		SMB2612		Soil	1	1	8270	08/05 16:19	4M05299		4M05385		
4M05406.	SMB2612				Soil	1	1	8270	08/05 16:43	4M05299		4M05385		
4M05407.	AC18907-005			BNPAH-8270	Soil	1	1	8270	08/05 17:07	4M05299		4M05385		
4M05408.	AC18881-004(3X)			BNA25-8270	Soil	3	3	8270	08/05 17:31	4M05299		4M05385		
4M05409.	AC18881-002(30X)			BNA25-8270	Soil	30	30	8270	08/05 17:55	4M05299		4M05385		
4M05410.	AC18920-002(20X)	Sd		BNPAH-8270	Soil	20	20	8270	08/05 18:19	4M05299		4M05385		
4M05411.	AC18920-003(20X)	Ti8		BNPAH-8270	Soil	20	20	8270	08/05 18:43	4M05299		4M05385		
4M05412.	AC18920-001(10X)	SdTi8		BNA25-8270	Soil	10	10	8270	08/05 19:07	4M05299		4M05385		
4M05413.	AC18778-013	Ti8		BNA-8270	Soil	1	1	8270	08/05 19:31	4M05299		4M05385		
4M05414.	AC18778-004	Ti8Oc		BNA-8270	Soil	1	1	8270	08/05 19:55	4M05299		4M05385		
4M05415.	AC18778-001	Ti8		BNA-8270	Soil	1	1	8270	08/05 20:19	4M05299		4M05385		
4M05416.	AC18778-019	Ti8Oc		BNA-8270	Soil	1	1	8270	08/05 20:43	4M05299		4M05385		
4M05417.	AC18778-016	Ti8Oc		BNA-8270	Soil	1	1	8270	08/05 21:07	4M05299		4M05385		
4M05418.	AC18778-007	Ti8		BNA-8270	Soil	1	1	8270	08/05 21:31	4M05299		4M05385		
4M05419.	TEST	Ti8			Soil	1	1	8270	08/05 21:55	4M05299		4M05385		
4M05420.	TEST	Ti8			Soil	1	1	8270	08/05 22:19	4M05299		4M05385		
4M05421.	TEST	Ti8			Soil	1	1	8270	08/05 22:43	4M05299		4M05385		
4M05422.	TEST	Ti8			Soil	1	1	8270	08/05 23:07	4M05299		4M05385		
4M05423.	TEST	Ti8			Soil	1	1	8270	08/05 23:31	4M05299		4M05385		
4M05424.	TEST	Ti8			Soil	1	1	8270	08/05 23:54	4M05299		4M05385		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning ... Instrument Id not in TxtLoc field

RUN LOG

Instrument: GCMS_5 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
5M09826.	CAL DFTPP								08/08 06:23					
5M09827.	CAL BNA@50PPM				Aqueou	1	1	625 8270	08/08 06:40	5M09385				
5M09828.	WMB2633				Aqueou	1	1	625 8270	08/08 07:15	5M09385	5M09827	5M09827		
5M09829.	WMB2634				Aqueou	1	1	625 8270	08/08 07:36	5M09385	5M09827	5M09827		
5M09830.	SMB2613				Soil	1	1	8270	08/08 07:58	5M09385		5M09827		
5M09831.	SMB2613(MS)		SMB2613		Soil	1	1	8270	08/08 08:19	5M09385		5M09827		
5M09832.	AC18807-021		SMB2613	BNA-8270	Soil	1	1	8270	08/08 08:41	5M09385		5M09827		
5M09833.	AC18807-021(MS)		SMB2613	BNA-8270	Soil	1	1	8270	08/08 09:02	5M09385		5M09827		
5M09834.	AC18807-021(MSD)		SMB2613	BNA-8270	Soil	1	1	8270	08/08 09:24	5M09385		5M09827		
5M09835.	WMB2634(MS)		WMB2634		Aqueou	1	1	625 8270	08/08 09:46	5M09385	5M09827	5M09827		
5M09836.	AC18892-001		WMB2634	BN-8270	Aqueou	1	1	8270	08/08 10:07	5M09385		5M09827		
5M09837.	AC18892-001(MS)		WMB2634	BN-8270	Aqueou	1	1	625 8270	08/08 10:29	5M09385	5M09827	5M09827		
5M09838.	AC18892-001(MSD)		WMB2634	BN-8270	Aqueou	1	1	625 8270	08/08 10:51	5M09385	5M09827	5M09827		
5M09839.	AC18778-017			BNA-8270	Soil	1	1	8270	08/08 11:12	5M09385		5M09827		
5M09840.	AC18807-001			BNA-8270	Soil	1	1	8270	08/08 11:34	5M09385		5M09827		
5M09841.	AC18888-001			BNA25-8270	Aqueou	1	1	8270	08/08 11:56	5M09385		5M09827		
5M09842.	AC18892-002			BN-8270	Aqueou	1	1	8270	08/08 12:17	5M09385		5M09827		
5M09843.	AC18892-003			BN-8270	Aqueou	1	1	8270	08/08 12:39	5M09385		5M09827		
5M09844.	AC18873-014			BNA-8270	Aqueou	1	1	8270	08/08 13:01	5M09385		5M09827		
5M09845.	AC18778-022			BNA-8270	Soil	1	1	8270	08/08 13:23	5M09385		5M09827		
5M09846.	AC18778-023			BNA-8270	Soil	1	1	8270	08/08 13:44	5M09385		5M09827		
5M09847.	AC18807-024			BNA-8270	Soil	1	1	8270	08/08 14:06	5M09385		5M09827		
5M09848.	AC18807-025			BNA-8270	Soil	1	1	8270	08/08 14:28	5M09385		5M09827		
5M09849.	AC18807-017			BNA-8270	Soil	1	1	8270	08/08 14:50	5M09385		5M09827		
5M09850.	AC18807-018			BNA-8270	Soil	1	1	8270	08/08 15:11	5M09385		5M09827		
5M09851.	AC18807-020			BNA-8270	Soil	1	1	8270	08/08 15:33	5M09385		5M09827		
5M09852.	AC18778-018			BNA-8270	Soil	1	1	8270	08/08 15:55	5M09385		5M09827		
5M09853.	AC18884-004	Sa6Sa8		ERROR	Aqueou	1	1	625 8270	08/08 16:16	5M09385	5M09827	5M09827		
5M09854.	SMB2614				Soil	1	1	8270	08/08 16:38	5M09385		5M09827		
5M09855.	AC18873-017			BNA-8270	Soil	1	1	8270	08/08 17:00	5M09385		5M09827		
5M09856.	AC18830-001			BN15-8270	Soil	1	1	8270	08/08 17:21	5M09385		5M09827		
5M09857.	AC18845-002			BN15-8270	Soil	1	1	8270	08/08 17:43	5M09385		5M09827		
5M09858.	AC18939-001			BN15-8270	Soil	1	1	8270	08/08 18:04	5M09385		5M09827		
5M09859.	AC18845-004	Ti8		BN15-8270	Soil	1	1	8270	08/08 18:26	5M09385		5M09827		
5M09860.	AC18882-001			BN15-625	Aqueou	1	1	625	08/08 18:47	5M09385	5M09827	5M09827		
5M09861.	AC18882-002			BN15-625	Aqueou	1	1	625	08/08 19:09	5M09385	5M09827	5M09827		
5M09862.	AC18884-001			BN15-625	Aqueou	1	1	625	08/08 19:30	5M09385	5M09827	5M09827		
5M09863.	AC18884-002			BN15-625	Aqueou	1	1	625	08/08 19:51	5M09385	5M09827	5M09827		
5M09864.	AC18884-003			BN15-625	Aqueou	1	1	625	08/08 20:13	5M09385	5M09827	5M09827		
5M09865.	AC18866-001			BN15-625	Aqueou	1	1	625	08/08 20:34	5M09385	5M09827	5M09827		
5M09866.	AC18866-002			BN15-625	Aqueou	1	1	625	08/08 20:55	5M09385	5M09827	5M09827		
5M09867.	CH2CL2(#1)	Ti8			Aqueou	1	1	625 8270	08/08 21:17	5M09385	5M09827	5M09827		
5M09868.	CH2CL2(#2)	Ti8			Aqueou	1	1	625 8270	08/08 21:38	5M09385	5M09827	5M09827		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa6,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval.Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning — Instrument Id not in.TxtLoc field

RUN LOG

Instrument: GCMS_4 Year: 2005
Analyst: AHD

Data File	Sample Number	Flags	Comments	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date	IniCal	Cal 600	8000 Beg Cal	End Cal	BlkFile
4M05425.	CAL DFTPP								08/08 06:40					
4M05426.	CAL BNA@50PPM	C16			Soil	1	1	625 8270	08/08 06:59	4M05299				
4M05427.	SMB2613(MS)	M18b	SMB2613		Soil	1	1	8270	08/08 07:22	4M05299		4M05426		
4M05428.	SMB2613				Soil	1	1	8270	08/08 07:49	4M05299		4M05426		
4M05429.	AC18920-001			BNA25-8270	Soil	1	1	8270	08/08 08:13	4M05299		4M05426		
4M05430.	AC18920-002			BNPAH-8270	Soil	1	1	8270	08/08 08:36	4M05299		4M05426		
4M05431.	AC18920-003	Ao		BNPAH-8270	Soil	1	1	8270	08/08 09:00	4M05299		4M05426		
4M05432.	AC18778-024			BNA-8270	Soil	1	1	8270	08/08 09:24	4M05299		4M05426		
4M05433.	AC18807-019			BNA-8270	Soil	1	1	8270	08/08 09:48	4M05299		4M05426		
4M05434.	AC18820-001			BN-8270	Soil	1	1	8270	08/08 10:12	4M05299		4M05426		
4M05435.	AC18807-023(5X)			BNA-8270	Soil	5	5	8270	08/08 10:36	4M05299		4M05426		
4M05436.	AC18820-003(5X)			BN-8270	Soil	5	5	8270	08/08 11:00	4M05299		4M05426		
4M05437.	AC18820-004(5X)			BN-8270	Soil	5	5	8270	08/08 11:24	4M05299		4M05426		
4M05438.	AC18820-002(3X)			BN-8270	Soil	3	3	8270	08/08 11:47	4M05299		4M05426		
4M05439.	AC18806-001(20X)	Sd		BNPAH-8270	Soil	60	20	8270	08/08 12:11	4M05299		4M05426		
4M05440.	AC18778-021	Ao		BNA-8270	Soil	1	1	8270	08/08 12:35	4M05299		4M05426		
4M05441.	AC18807-015			BNA-8270	Soil	1	1	8270	08/08 12:59	4M05299		4M05426		
4M05442.	AC18807-016			BNA-8270	Soil	1	1	8270	08/08 13:23	4M05299		4M05426		
4M05443.	AC18778-004(5X)			BNA-8270	Soil	5	5	8270	08/08 13:47	4M05299		4M05426		
4M05444.	AC18778-016(5X)			BNA-8270	Soil	5	5	8270	08/08 14:11	4M05299		4M05426		
4M05445.	AC18778-019(5X)			BNA-8270	Soil	5	5	8270	08/08 14:35	4M05299		4M05426		
4M05446.	AC18778-013			BNA-8270	Soil	1	1	8270	08/08 14:59	4M05299		4M05426		
4M05447.	AC18778-001			BNA-8270	Soil	1	1	8270	08/08 15:23	4M05299		4M05426		
4M05448.	AC18778-007			BNA-8270	Soil	1	1	8270	08/08 15:47	4M05299		4M05426		
4M05449.	AC18807-022			BNA-8270	Soil	1	1	8270	08/08 16:11	4M05299		4M05426		
4M05450.	AC18820-003			BN-8270	Soil	1	1	8270	08/08 16:35	4M05299		4M05426		
4M05451.	AC18820-004	Ao		BN-8270	Soil	1	1	8270	08/08 16:59	4M05299		4M05426		
4M05452.	AC18820-002			BN-8270	Soil	1	1	8270	08/08 17:22	4M05299		4M05426		
4M05453.	AC18806-001(10X)	Sd		BNPAH-8270	Soil	30	10	8270	08/08 17:46	4M05299		4M05426		
4M05454.	AC18873-016	Ao		BNA-8270	Soil	1	1	8270	08/08 18:10	4M05299		4M05426		
4M05455.	TEST	Ao			Soil	1	1	8270	08/08 18:34	4M05299		4M05426		
4M05456.	TEST	Ti8Ao			Soil	1	1	8270	08/08 18:58	4M05299		4M05426		
4M05457.	TEST	Ti8Ao			Soil	1	1	8270	08/08 19:22	4M05299		4M05426		
4M05458.	TEST	Ti8Ao			Soil	1	1	8270	08/08 19:45	4M05299		4M05426		
4M05459.	TEST	Ti8Ao			Soil	1	1	8270	08/08 20:09	4M05299		4M05426		
4M05460.	TEST	Ti8Ao			Soil	1	1	8270	08/08 20:33	4M05299		4M05426		

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	R16,R26	Rpd Out on MsMsd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	R18,R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Drift
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	S6	600 series surrogate out
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
C26	Calibration Column 2 Out (600 Series)	I16,I26	Initial cal 600 series failed Column 1 and or 2	Sa5,Sb6	Acid and or BN Surrogate Out (600 series)
C28	Calibration Column 2 Out (8000 Series)	I18,I28	Initial cal 8000 series failed Column 1 and or 2	Sa8,Sb8	Acid and or BN Surrogate Out (8000 series)
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for int calibration chek rfs	Snc	Surrogate Not Checked
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning..Ini cal file <> method..	Ti5	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Ti6	Outside of 600 series Tune time/Cal Time
D1o,D2o	Drift Out Column 1 or Column 2 Cals or Int Cals	M16,M26	Spike Out Col 1 and or Col 2 600 series	Ti8	Outside of 8000 series Tune time/Cal Time
Dnc	Drift Not Checked	M16a,M16b	Spike Out Col 1 600 series Acid and or BN	Tm	Too Many Samples/ for beginning Calibration
Do	Drift Out	M18,M28	Spike Out Col 1 and or Col 2 8000 series	Tmw	If for 600 ser Too many samples begin Calibration
Eba	An Extraction Before Collection Date	M18a,M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emp	Problem Checking Prep/rundates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wie	Warning... Instrument Id not in.TxtLoc field

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-204

Prepared By: Akmal
Description: BNA Surrog St
Prep Date: 9/10/2004
Expiration Date: 9/10/2005
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
772	Acetone	1000 ml	Neat ml	neat
606	2-Fluorobiphenyl	1 g	Neat g	1000 ppm
605	2,4,6-Tribromophenol	2 g	Neat g	2000 ppm
586	p-Terphenyl-d14	1 g	neat	1000 ppm
584	2-Fluorophenol	1.6 ml	neat	2000 ppm
583	Phenol-d6	2 g	neat	2000 ppm
582	Nitrobenzene-d5	800 ul	Neat	1000 ppm

Veritech Lot Number: V-295

Prepared By: Akmal
Description: 1,4-Dimethylnaphthalene
Prep Date: 11/18/2004
Expiration Date: 11/17/2005
Department: Organics
BatchNumber:
Concentration: 10,000ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
854	Methylene Chloride	990 ul	Neat	
866	1,4-Dimethlnaphthlene	10 ul	neat	10,000 ppm

Veritech Lot Number: V-498

Prepared By: Hamid, Akmal
Description: BNA Spike For Soil
Prep Date: 2/24/2005
Expiration Date: 2/23/2006
Department: Organics
BatchNumber:
Concentration: 1000-2000PPM
Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
762	Pentachlorophenol	.2 g	Neat g	2000 ppm
764	4-Nitrophenol	.2 g	Neat g	2000 ppm
767	1,4-Dichlorobenzene	.1 g	Neat g	1000 ppm
768	2,4-Dinitrotoluene	.1 g	Neat g	1000 ppm
769	N-Nitrosodi-n-propylamine	.1 g	Neat g	1000 ppm
771	1,2,4-Trichlorobenzene	.1 g	Neat g	1000 ppm
947	4-Chloro-3-methylphenol	.2 g	neat g	2000 ppm
770	Pyrene	.1 g	Neat g	1000 ppm
948	Acenaphthene	.1 g	neat g	1000 ppm
761	2-Chlorophenol	.2 g	Neat g	2000 ppm
950	Acetone	100 ml	Neat ml	
946	Phenol	.2 g	neat g	2000 ppm

Veritech Lot Number: V-4045

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 6/13/2005
Expiration Date: 6/12/2006
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
571	Acenaphthene-D10	.5 g	Neat g	2000
570	Chrysene-d12	.5 g	Neat g	2000
567	Perylene-d12	.5 g	Neat g	2000
565	Phenanthrene-d10	.5 g	Neat g	2000
564	Naphthlene-d8	.5 g	Neat g	2000
563	1,4 Dichlorobenzene-d4	.5 g	Neat g	2000
1218	Methylene Chloride	250 ml	Neat l	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-4046

Prepared By: Hamid, Akmal
Description: Pyridine Stock Std.
Prep Date: 6/13/2005
Expiration Date: 6/12/2006
Department: Organics
BatchNumber:
Concentration: 10,000 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1218	Methylene Chloride	990 ul	Neat l	
1225	Pyridine	10 ul	Neat ml	10000 ppm

Veritech Lot Number: V-4604

Prepared By: Korytova, Jaroslava
Description: BNA STOCK Std.
Prep Date: 7/1/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1091	EPA TCLP Pesticides Mix	60 ul	1000 ppm	40 ppm
1090	1,2,4,5-Tetrachlorobenzene	300 ul	1000 ppm	200 ppm
1089	Diphenyl Ether	150 ul	2000 ppm	200 ppm
1218	Methylene Chloride	60 ul	Neat	
1087	TCL Base-Neutrals Mix	150 ul	2000 ppm	200 ppm
1086	TCL Polynuclear Aromatic Hydrocarbons mix	150 ul	2000 ppm	200 ppm
1085	TCLPhenols/benzidine Mix	150 ul	2000 ppm	200 ppm
V-4046	Pyridine Stock Std.	30 ul	10,000 ppm	200 ppm
V-295	1,4-Dimethylnaphthalene	30 ul	10,000ppm	200 ppm
V-204	BNA Surrog St	150 ul	1000-2000 pp	100-200 ppm
1235	Pentachloroethane	60 ul	5000 ppm	200 ppm
1234	2,3,4,6-Tetrachlorophenol	60 ul	5000 ppm	200 ppm
1088	TCL Hazardous substances Mix	150 ul	2000 ppm	200 ppm

Veritech Lot Number: V-5045

Prepared By: Korytova, Jaroslava
Description: BNA 10 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	95	Neat	

Veritech Lot Number: V-5046

Prepared By: Korytova, Jaroslava
Description: BNA 25 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 25 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	12.5 ul	200 ppm	25 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	87.5	Neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5047

Prepared By: Korytova, Jaroslava
Description: BNA 50 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	50 ul	200 ppm	50 ppm
V-4045	BNA Internal Std.	4 ul	2000 ppm	40 ppm
1218	Methylene Chloride	150	Neat	

Veritech Lot Number: V-5048

Prepared By: Korytova, Jaroslava
Description: BNA 80 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	60	Neat	

Veritech Lot Number: V-5049

Prepared By: Korytova, Jaroslava
Description: BNA 120 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	40	Neat	

Veritech Lot Number: V-5050

Prepared By: Korytova, Jaroslava
Description: BNA 160 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	20	Neat	

Veritech Lot Number: V-5051

Prepared By: Korytova, Jaroslava
Description: BNA 200 ppm curve
Prep Date: 7/21/2005
Expiration Date: 9/10/2005
Department: Organics
BatchNumber: B-532
Concentration: 200 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4604	BNA STOCK Std.	100 ul	200 ppm	200 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	0	Neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5264

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 8/1/2005
Expiration Date: 7/31/2006
Department: Organics
BatchNumber:
Concentration: 1000-2000 ppm
Final Volume: 1000 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
585	2-fluorobiphenyl	1 g	neat	1000
788	p-Terphenyl-D14	1 g	Neat	1000
789	Phenol-d6	2 g	Neat	2000
790	2-Fluorophenol	1.6 ml	Neat	2000
582	Nitrobenzene-d5	800 ul	Neat	1000
605	2,4,6-Tribromophenol	2 g	Neat	2000
853	Acetone	1000 ml	Neat	neat

Veritech Lot Number: V-5267

Prepared By: Hamid,Akmal
Description: BNA STOCK Std.
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1091	EPA TCLP Pesticides Mix	60 ul	1000 ppm	40 ppm
1090	1,2,4,5-Tetrachlorobenzene	300 ul	1000 ppm	200 ppm
1089	Diphenyl Ether	150 ul	2000 ppm	200 ppm
1218	Methylene Chloride	60 ul	Neat	
1087	TCL Base-Neutrals Mix	150 ul	2000 ppm	200 ppm
1086	TCL Polynuclear Aromatic Hydrocarbons mix	150 ul	2000 ppm	200 ppm
1085	TCLPhenols/benzidine Mix	150 ul	2000 ppm	200 ppm
V-4046	Pyridine Stock Std.	30 ul	10,000 ppm	200 ppm
V-295	1,4-Dimethylnaphthalene	30 ul	10,000ppm	200 ppm
1235	Pentachloroethane	60 ul	5000 ppm	200 ppm
1234	2,3,4,6-Tetrachlorophenol	60 ul	5000 ppm	200 ppm
V-5264	BNA Surrog.Std.	150	1000-2000 pp	200 ppm
1088	TCL Hazardous substances Mix	150 ul	2000 ppm	200 ppm

Veritech Lot Number: V-5269

Prepared By: Hamid, Akmal
Description: BNA 10 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 10 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	95	Neat	

Veritech Lot Number: V-5270

Prepared By: Hamid, Akmal
Description: BNA 25 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 25 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	12.5 ul	200 ppm	25 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	87.5	Neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5271

Prepared By: Hamid, Akmal
Description: BNA 50 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 50 ppm
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	50 ul	200 ppm	50 ppm
V-4045	BNA Internal Std.	4 ul	2000 ppm	40 ppm
1218	Methylene Chloride	150	Neat	

Veritech Lot Number: V-5272

Prepared By: Hamid, Akmal
Description: BNA 80 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 80 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	60	Neat	

Veritech Lot Number: V-5273

Prepared By: Hamid, Akmal
Description: BNA 120 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 120 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	40	Neat	

Veritech Lot Number: V-5274

Prepared By: Hamid, Akmal
Description: BNA 160 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 160 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	20	Neat	

Veritech Lot Number: V-5275

Prepared By: Hamid, Akmal
Description: BNA 200 ppm curve
Prep Date: 8/2/2005
Expiration Date: 11/17/2005
Department: Organics
BatchNumber: B-551
Concentration: 200 ppm
Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5267	BNA STOCK Std.	100 ul	200 ppm	200 ppm
V-4045	BNA Internal Std.	2 ul	2000 ppm	40 ppm
1218	Methylene Chloride	0	Neat	

Veritech Control/Receipt Number: 563

Description
1,4 Dichlorobenzene-d4

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC.	DLM-268	PR-11537	04/04/01	04/04/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 564

Description
Naphthlene-d8

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC.	DLM-365	P-9785	04/04/01	04/04/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 565

Description
Phenanthrene-d10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM-371	PR-11746	02/07/02	02/07/10	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 567

Description
Perylene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM-366	PR-10838	02/07/02	02/07/10	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 570

Description
Chrysene-d12

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM-261	PR-13120	06/17/03	06/17/10	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 571

Description
Acenaphthene-D10

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL INC	DLM108-1	PR-11604	06/17/03	06/17/10	Akmal	2	2g	Neat	

Veritech Control/Receipt Number: 582

Description
Nitrobenzene-d5

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ALDRICH	15195-5	09405MO	10/01/02	10/01/10	Akmal	1	5g	Neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 583

Description
Phenol-d6

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Isotech	176060	07752cb	11/19/03	11/19/10	Akmal	1	1g	neat	

Veritech Control/Receipt Number: 584

Description
2-Fluorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	F1280-4	04515bu	02/07/02	02/07/10	Akmal	1	10g	neat	

Veritech Control/Receipt Number: 585

Description
2-fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	102741	06511cb	11/19/03	11/19/10	Akmal	1	2.5g	neat	

Veritech Control/Receipt Number: 586

Description
p-Terphenyl-d14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Isotech	364630	00551kb	11/19/03	11/19/10	Akmal	3	1.5g	neat	

Veritech Control/Receipt Number: 605

Description
2,4,6-Tribromophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	13771-5	18324MR	11/23/03	03/10/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 606

Description
2-Fluorobiphenyl

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	10274-1	02520TK	11/23/03	03/10/10	Akmal	1	2.5g	Neat	

Veritech Control/Receipt Number: 761

Description
2-Chlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F24	274-13A	10/08/02	10/01/05	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 762

Description
Pentachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F64	293-1A	10/08/02	09/01/07	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 764

Description
4-Nitrophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F58	281-142A	10/08/02	05/01/06	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 767

Description
1,4-Dichlorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F27	282-14B	10/08/02	03/01/07	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 768

Description
2,4-Dinitrotoluene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F35	270-148A	10/08/02	10/01/06	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 769

Description
N-Nitrosodi-n-propylamine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F63	290-2B	10/08/02	08/01/06	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 770

Description
Pyrene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F84	266-23B	10/08/02	06/01/06	Akmal	1	1g	Neat	

Veritech Control/Receipt Number: 771

Description
1,2,4-Trichlorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	F8	274-89B	10/08/02	01/01/07	Akmal	1	1g	Neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 772

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Pharmaco	329000DIS	PL000071ACE	06/11/04	06/09/09	Akmal	1	4000	Neat	

Veritech Control/Receipt Number: 788

Description
p-Terphenyl-D14

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Isotech	364630	10278AE	09/15/04	06/22/10	Akmal	5	2.5g	Neat	

Veritech Control/Receipt Number: 789

Description
Phenol-d6

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	176060	02422JC	09/15/04	06/22/10	Akmal	1	5g	Neat	

Veritech Control/Receipt Number: 790

Description
2-Fluorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	F-12804	09006DO	09/15/04	06/22/10	Akmal	1	10g	Neat	

Veritech Control/Receipt Number: 853

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	A40-4	038622	08/24/04	08/18/10	Akmal	1	4000	Neat	

Veritech Control/Receipt Number: 854

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	D142-4	043063	11/02/04	08/18/10	Akmal	1	4000	Neat	

Veritech Control/Receipt Number: 866

Description
1,4-Dimethlnaphthlene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 946

Description
Phenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	F65	328-88B	02/10/05	09/30/10	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 947

Description
4-Chloro-3-methylphenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	F22	326-123B	02/10/05	08/30/07	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 948

Description
Acenaphthene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	0-782	306-17B	02/10/05	06/30/09	Akmal	1	5g	neat	

Veritech Control/Receipt Number: 950

Description
Acetone

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher Scientific	A40-4	043780	12/13/04	11/17/10	Akmal	1	4L	Neat	

Veritech Control/Receipt Number: 1085

Description
TCLPhenols/benzidine Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	47992-U	LB27910	04/07/05	03/31/08	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1086

Description
TCL Polynuclear Aromatic Hydrocarbons mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	48905-U	LB24244	04/07/05	12/31/07	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1087

Description
TCL Base-Neutrals Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	47991-U	LB15949	04/07/05	11/30/06	Hamid, Akmal	1	1ml	2000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1088

Description
TCL Hazardous substances Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	47990-U	LB10279	04/07/05	02/28/06	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1089

Description
Diphenyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	4-8155	LB23430	04/07/05	09/30/07	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 1090

Description
1,2,4,5-Tetrachlorobenzene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	4-0177	LB25240	04/07/05	11/30/07	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 1091

Description
EPA TCLP Pesticides Mix

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	4-8139	LB09919	04/07/05	02/28/06	Hamid, Akmal	1	1ml	1000	ppm

Veritech Control/Receipt Number: 1218

Description
Methylene Chloride

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	D151-4	050241	05/20/05	05/19/10	Hamid, Akmal	1	4L	Neat	

Veritech Control/Receipt Number: 1225

Description
Pyridine

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher	P368-500	043764	12/16/04	12/16/08	Hamid, Akmal	1	500ml	Neat	

Veritech Control/Receipt Number: 1234

Description
2,3,4,6-Tetrachlorophenol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	4-8264	lb26120	06/29/05	12/30/07	Hamid, Akmal	1	1ml	5000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1235

Description
Pentachloroethane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	40300-u	lb13126	06/29/05	07/30/06	Hamid, Akmal	1	1ml	5000	ppm

GC PCB Data

GC PCB Data
QC Summary

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
2G10435.	SMB725B	Soil	1		91	88	98	99		
2G10513.	SMB727B	Soil	1		80	76	96	93		
2G10589.	SMB728B	Soil	1		112	97	117	92		
3G08380.	SMB726B	Soil	1		89	94	104	104		
3G08385.	AC18778-001	Soil	1		107	111	104	105		
3G08386.	AC18778-002	Soil	1		61	65	59	90		
2G10553.	AC18778-003(R)	Soil	1		54 *	52 *	59	52		
3G08388.	AC18778-004	Soil	1		84	91	96	91		
3G08389.	AC18778-005	Soil	1		104	110	94	113		
3G08390.	AC18778-006	Soil	1		77	82	78	85		
3G08391.	AC18778-007	Soil	1		89	93	97	105		
3G08382.	AC18778-008	Soil	1		108	112	113	114		
3G08392.	AC18778-009	Soil	1		35 *	39 *	33	51		
2G10529.	AC18778-010	Soil	1		96	88	94	82		
2G10530.	AC18778-011	Soil	1		98	90	114	97		
2G10531.	AC18778-012	Soil	1		71	65	69	62		
2G10532.	AC18778-013	Soil	1		105	94	105	88		
2G10550.	AC18778-014(R)	Soil	1		116	105	123	99		
2G10545.	AC18778-015	Soil	1		73	68	80	69		
2G10538.	AC18778-016	Soil	1		98	87	107	86		
2G10546.	AC18778-017	Soil	1		96	89	102	85		
2G10540.	AC18778-018	Soil	1		63	58 *	64	55		
2G10541.	AC18778-019	Soil	1		96	86	109	86		
2G10527.	AC18778-020	Soil	1		106	97	111	96		
2G10542.	AC18778-021	Soil	1		74	69	77	64		
2G10544.	AC18778-022	Soil	1		105	95	115	93		
2G10543.	AC18778-023	Soil	1		100	92	115	94		
2G10551.	AC18778-024(R)	Soil	1		69	65	58	52		
2G10432.	SMB725B(MS)	Soil	1		94	91	105	119		
2G10438.	AC18786-012(MS)	Soil	1		99	98	109	118		
2G10439.	AC18786-012(MSD)	Soil	1		97	96	105	109		
2G10514.	SMB727B(MS)	Soil	1		75	72	100	95		
2G10525.	AC18778-020(MS)	Soil	1		102	95	114	94		
2G10526.	AC18778-020(MSD)	Soil	1		54 *	52 *	56	51		
2G10590.	SMB728B(MS)	Soil	1		120	105	129	104		
3G08381.	SMB726B(MS)	Soil	1		84	89	108	107		
3G08383.	AC18778-008(MS)	Soil	1		95	102	106	108		
3G08384.	AC18778-008(MSD)	Soil	1		96	103	110	114		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8082

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	60-150
S2=TCMX-Surrogate	100	60-150
S3=DCB-Surrogate	100	20-150
S4=DCB-Surrogate	100	20-150

Form3

MBS Data

Method: 8082

Data File:==>					2G10590.D															
Data/Batch/Sample ID:==>					SMB728B(MS)															
Date/Time:==>					08/08/05 10:51															
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
Aroclor-1016	29-131		1	0	1229	1000	123												
Aroclor-1260	29-131		1	0	1238	1000	124												

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

FORM 3
Spike Recovery

Batch Number: SMB725B
Mbs Name: SMB725B(MS)
Ns Name: AC18786-012
Ms Name: AC18786-012(MS)
Msd Name: AC18786-012(MSD

Mbs File: 2G10432.D
Non Spk'd File: 2G10437.D
Spike File: 2G10438.D
Spike Dup File: 2G10439.D
Matrix: Soil
Method: 8082

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
Aroclor-1016	1	0	1000	29	131	40	994.31	0.00	1075.60	882.54	99	108	88	20
Aroclor-1260	1	0	1000	29	131	40	978.37	0.00	1101.51	919.83	98	110	92	18

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

Batch Number:	SMB726B	Mbs File:	3G08381.D
Mbs Name:	SMB726B(MS)	Non Spk'd File:	3G08382.D
Ns Name:	AC18778-008	Spike File:	3G08383.D
Ms Name:	AC18778-008(MS)	Spike Dup File:	3G08384.D
Msd Name:	AC18778-008(MSD	Matrix:	Soil
		Method:	8082

9/6/00

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
Aroclor-1016	1	0	1000	29	131	40	892.96	0.00	985.13	1029.57	89	99	103	4.4
Aroclor-1260	1	0	1000	29	131	40	1053.30	0.00	1068.92	1119.68	105	107	112	4.6

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

Batch Number: SMB727B
Mbs Name: SMB727B(MS)
Ns Name: AC18778-020
Ms Name: AC18778-020(MS)
Msd Name: AC18778-020(MSD

Mbs File: 2G10514.D
Non Spk'd File: 2G10527.D
Spike File: 2G10525.D
Spike Dup File: 2G10526.D
Matrix: Soil
Method: 8082

000977

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Llm	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Aroclor-1016	1	0	1000	29	131	40	915.31	0.00	1045.59	559.62	92	105	56	61Rp
Aroclor-1260	1	0	1000	29	131	40	987.76	0.00	1106.18	594.80	99	111	59	60Rp

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: SMB725B
Blank Data File: 2G10435.D
Matrix: Soil

Blank Analysis Date: 08/03/05 13:42
Blank Extraction Date: 08/02/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18786-012(MS)	2G10438.D	08/03/05 14:26
SMB725B(MS)	2G10432.D	08/03/05 12:59
AC18786-012(MSD	2G10439.D	08/03/05 14:40

FORM 4
Blank Summary

Blank Number: SMB726B
Blank Data File: 3G08380.D
Matrix: Soil

Blank Analysis Date: 08/04/05 10:18
Blank Extraction Date: 08/03/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18778-001	3G08385.D	08/04/05 11:40
AC18778-002	3G08386.D	08/04/05 11:56
AC18778-004	3G08388.D	08/04/05 12:28
AC18778-005	3G08389.D	08/04/05 12:44
AC18778-006	3G08390.D	08/04/05 13:00
AC18778-007	3G08391.D	08/04/05 13:17
AC18778-008	3G08382.D	08/04/05 10:51
AC18778-009	3G08392.D	08/04/05 13:33
SMB726B(MS)	3G08381.D	08/04/05 10:34
AC18778-008(MSD	3G08384.D	08/04/05 11:24
AC18778-008(MS)	3G08383.D	08/04/05 11:07

FORM 4
Blank Summary

Blank Number: SMB727B
Blank Data File: 2G10513.D
Matrix: Soil

Blank Analysis Date: 08/05/05 06:11
Blank Extraction Date: 08/04/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18778-003(R)	2G10553.D	08/05/05 17:24
AC18778-010	2G10529.D	08/05/05 10:02
AC18778-011	2G10530.D	08/05/05 10:16
AC18778-012	2G10531.D	08/05/05 10:30
AC18778-013	2G10532.D	08/05/05 10:45
AC18778-015	2G10545.D	08/05/05 15:29
AC18778-016	2G10538.D	08/05/05 12:15
AC18778-017	2G10546.D	08/05/05 15:43
AC18778-018	2G10540.D	08/05/05 13:17
AC18778-019	2G10541.D	08/05/05 13:46
AC18778-020	2G10527.D	08/05/05 09:33
AC18778-021	2G10542.D	08/05/05 14:43
AC18778-022	2G10544.D	08/05/05 15:12
AC18778-023	2G10543.D	08/05/05 14:58
SMB727B(MS)	2G10514.D	08/05/05 06:25
AC18778-020(MS)	2G10525.D	08/05/05 09:04
AC18778-020(MSD	2G10526.D	08/05/05 09:18

FORM 4
Blank Summary

Blank Number: SMB728B
Blank Data File: 2G10589.D
Matrix: Soil

Blank Analysis Date: 08/08/05 10:37
Blank Extraction Date: 08/05/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18778-014(R)	2G10550.D	08/05/05 16:41
AC18778-024(R)	2G10551.D	08/05/05 16:55
SMB728B(MS)	2G10590.D	08/08/05 10:51

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G07944.	CAL 16606500PPB	07/07/05 10:36	Soil	3G07949.	10.1123	0.0148	10.6582	0.0009
3G07945.	CAL 16606 1000PPB	07/07/05 10:54	Soil	3G07949.	10.1127	0.0109	10.6574	0.0084
3G07946.	CAL 16606 2000PPB	07/07/05 11:10	Soil	3G07949.	10.1117	0.0208	10.6573	0.0094
3G07947.	CAL 16606 4000PPB	07/07/05 11:26	Soil	3G07949.	10.1108	0.0297	10.6568	0.0141
3G07948.	CAL 16606200PPB	07/07/05 11:43	Soil	3G07949.	10.1124	0.0138	10.6576	0.0066
3G07949.	CAL 16606 50PPB	07/07/05 11:59	Soil	3G07949.	10.1138	0	10.6583	0
3G07950.	CAL 21546500PPB	07/07/05 12:16	Soil	3G07949.	10.1120	0.0178	10.6578	0.0047
3G07951.	CAL 12486500PPB	07/07/05 12:32	Soil	3G07949.	10.1114	0.0237	10.6580	0.0028
3G07952.	CAL 12426500PPB	07/07/05 12:49	Soil	3G07949.	10.1116	0.0218	10.6578	0.0047
3G07953.	CAL 12326500PPB	07/07/05 13:05	Soil	3G07949.	10.1136	0.002	10.6580	0.0028
3G07954.	18348-001	07/07/05 13:21	Soil	3G07949.	10.1113	0.0247	10.6573	0.0094
3G07955.	18294-001	07/07/05 13:38	Soil	3G07949.	10.1105	0.0326	10.6559	0.0225
3G07956.	18294-002	07/07/05 13:54	Soil	3G07949.	10.1091	0.0465	10.6558	0.0235
3G07957.	18294-003	07/07/05 14:11	Soil	3G07949.	10.1093	0.0445	10.6556	0.0253
3G07958.	18294-005	07/07/05 14:27	Soil	3G07949.	10.1137	0.001	10.6606	0.0216
3G07959.	18294-004	07/07/05 15:03	Soil	3G07949.	10.1233	0.0939	10.6662	0.0741
3G07960.	18286-002	07/07/05 15:19	Soil	3G07949.	10.1235	0.0959	10.6679	0.09
3G07961.	18294-006	07/07/05 15:36	Soil	3G07949.	10.1197	0.0583	0.0000	200 *

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G10408.	CAL 1660@500PPB	08/03/05 06:10	Aqueous	2G10408.	8.9934	0	9.3172	0
2G10409.	WMB2305	08/03/05 06:30	Aqueous	2G10408.	8.9991	0.0634	9.3213	0.044
2G10410.	WMB2305(MS)	08/03/05 06:44	Aqueous	2G10408.	8.9951	0.0189	9.3197	0.0268
2G10411.	AC18807-007	08/03/05 06:59	Aqueous	2G10408.	8.9949	0.0167	9.3207	0.0376
2G10412.	AC18820-012	08/03/05 07:13	Aqueous	2G10408.	8.9966	0.0356	9.3211	0.0419
2G10413.	AC18863-001	08/03/05 07:28	Aqueous	2G10408.	8.9968	0.0378	9.3217	0.0483
2G10414.	AC18819-008	08/03/05 07:42	Aqueous	2G10408.	8.9960	0.0289	9.3219	0.0504
2G10415.	AC18819-018	08/03/05 07:57	Aqueous	2G10408.	8.9952	0.02	9.3204	0.0343
2G10416.	CAL 1660@500PPB	08/03/05 08:26	Soil	2G10408.	8.9946	0.0511	9.3194	0.0236
2G10417.	CAL 1660@50PPB	08/03/05 08:47	Soil	2G10417.	8.9992	0	9.3203	0
2G10418.	CAL 1660@200PPB	08/03/05 09:04	Soil	2G10417.	8.9967	0.0278	9.3194	0.0097
2G10419.	CAL 1660@1000PPB	08/03/05 09:19	Soil	2G10417.	8.9932	0.0667	9.3178	0.0268
2G10420.	CAL 1660@2000PPB	08/03/05 09:33	Soil	2G10417.	8.9927	0.0723	9.3170	0.0354
2G10421.	CAL 1660@4000PPB	08/03/05 09:47	Soil	2G10417.	8.9924	0.0756	9.3162	0.044
2G10422.	CAL 2154@500PPB	08/03/05 10:20	Soil	2G10417.	8.9961	0.0344	9.3190	0.0139
2G10423.	CAL 1248@500PPB	08/03/05 10:35	Soil	2G10417.	8.9946	0.0511	9.3183	0.0215
2G10424.	CAL 1242@500PPB	08/03/05 10:50	Soil	2G10417.	8.9920	0.08	9.3168	0.0376
2G10425.	CAL 1232@500PPB	08/03/05 11:04	Soil	2G10417.	8.9939	0.0589	9.3183	0.0215
2G10426.	AC18863-001	08/03/05 11:18	Aqueous	2G10417.	8.9914	0.0867	9.3156	0.0504
2G10427.	WMB2305	08/03/05 11:33	Aqueous	2G10417.	8.9925	0.0745	9.3174	0.0311
2G10428.	AC18819-008	08/03/05 12:02	Soil	2G10417.	8.9927	0.0723	9.3178	0.0268
2G10429.	AC18819-018	08/03/05 12:16	Soil	2G10417.	8.9928	0.0711	9.3176	0.029
2G10430.	AC18802-005	08/03/05 12:31	Soil	2G10417.	8.9923	0.0767	9.3180	0.0247
2G10431.	AC18807-007	08/03/05 12:45	Aqueous	2G10417.	8.9926	0.0734	9.3158	0.0483
2G10432.	SMB725B(MS)	08/03/05 12:59	Soil	2G10417.	8.9929	0.07	9.3185	0.0193
2G10433.	WMB2305(MS)	08/03/05 13:14	Aqueous	2G10417.	8.9932	0.0667	9.3179	0.0258
2G10434.	AC18694-001(20X)(R)	08/03/05 13:28	Soil	2G10417.	8.9936	0.0622	9.3198	0.0054
2G10435.	SMB725B	08/03/05 13:42	Soil	2G10417.	8.9939	0.0589	9.3170	0.0354
2G10436.	AC18820-012	08/03/05 13:57	Aqueous	2G10417.	8.9916	0.0845	9.3162	0.044
2G10437.	AC18786-012	08/03/05 14:11	Soil	2G10417.	8.9928	0.0711	9.3167	0.0386
2G10438.	AC18786-012(MS)	08/03/05 14:26	Soil	2G10417.	8.9935	0.0634	9.3189	0.015
2G10439.	AC18786-012(MSD)	08/03/05 14:40	Soil	2G10417.	8.9929	0.07	9.3179	0.0258
2G10440.	SMB671	08/03/05 14:55	Soil	2G10417.	8.9930	0.0689	9.3179	0.0258
2G10441.	SMB671(MS)	08/03/05 15:09	Soil	2G10417.	8.9931	0.0678	9.3173	0.0322
2G10442.	AC18772-001	08/03/05 15:23	Soil	2G10417.	8.9568	0.4723	9.3317	0.1222
2G10443.	AC18772-001(MS)(200X)	08/03/05 15:58	Soil	2G10417.	8.9655	0.3752	9.3413	0.2251
2G10444.	AC18772-001(MSD)(200	08/03/05 16:12	Soil	2G10417.	8.9639	0.393	9.3388	0.1983
2G10445.	AC18786-001	08/03/05 16:27	Soil	2G10417.	8.9935	0.0634	9.3174	0.0311
2G10446.	CAL 1660@1000PPB	08/03/05 16:41	Soil	2G10417.	8.9930	0.0689	9.3178	0.0268
2G10447.	1000PPB	08/03/05 16:56	Soil	2G10446.	8.9938	0.0089	9.3193	0.0161
2G10448.	2000PPB	08/03/05 17:10	Soil	2G10446.	8.9927	0.0033	9.3191	0.014
2G10449.	AC18786-002	08/03/05 17:25	Soil	2G10446.	8.9934	0.0044	9.3192	0.015
2G10450.	AC18786-003	08/03/05 17:39	Soil	2G10446.	8.9944	0.0156	9.3194	0.0172
2G10451.	AC18786-004	08/03/05 17:54	Soil	2G10446.	8.9936	0.0067	9.3192	0.015
2G10452.	AC18786-005	08/03/05 18:08	Soil	2G10446.	8.9948	0.02	9.3192	0.015
2G10453.	AC18786-006	08/03/05 18:23	Soil	2G10446.	8.9932	0.0022	9.3186	0.0086
2G10454.	AC18786-007	08/03/05 18:37	Soil	2G10446.	8.9951	0.0233	9.3189	0.0118
2G10455.	AC18786-008	08/03/05 18:51	Soil	2G10446.	8.9925	0.0056	9.3185	0.0075
2G10456.	AC18786-009	08/03/05 19:06	Soil	2G10446.	8.9929	0.0011	9.3186	0.0086
2G10457.	AC18786-010	08/03/05 19:20	Soil	2G10446.	8.9937	0.0078	9.3186	0.0086
2G10458.	AC18786-011	08/03/05 19:35	Soil	2G10446.	8.9921	0.01	9.3171	0.0075
2G10458.	AC18772-001(200X)	08/03/05 19:49	Soil	2G10446.	0.0000	200 *	0.0000	200 *
2G10459.	AC18786-013	08/03/05 20:04	Soil	2G10446.	8.9926	0.0044	9.3170	0.0086
2G10460.	AC18786-014	08/03/05 20:18	Soil	2G10446.	8.9913	0.0189	9.3160	0.0193
2G10461.	AC18786-015	08/03/05 20:33	Soil	2G10446.	8.9895	0.0389	9.3157	0.0225
2G10462.	AC18786-016	08/03/05 20:47	Soil	2G10446.	8.9916	0.0156	9.3162	0.0172
2G10463.	AC18786-017	08/03/05 21:01	Soil	2G10446.	8.9915	0.0167	9.3172	0.0064
2G10464.	AC18855-001	08/03/05 21:16	Soil	2G10446.	8.9912	0.02	9.3165	0.014
2G10465.	500PPB	08/03/05 21:30	Soil	2G10446.	8.9919	0.0122	9.3173	0.0054
2G10466.	500PPB	08/03/05 21:45	Soil	2G10446.	8.9917	0.0145	9.3166	0.0129
2G10467.	1000PPB	08/03/05 21:59	Soil	2G10446.	8.9914	0.0178	9.3168	0.0107
2G10468.	1000PPB	08/03/05 22:13	Soil	2G10446.	8.9909	0.0234	9.3167	0.0118

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G10469.	CAL 1660@2000PPB	08/03/05 22:28	Soil	2G10446.	8.9898	0.0356	9.3149	0.0311
2G10470.	2000PPB	08/03/05 22:42	Soil	2G10469.	8.9902	0.0044	9.3151	0.0021
2G10471.	AC18772-001(4000X)	08/04/05 05:19	Soil	2G10469.	0.0000	200 *	0.0000	200 *
2G10472.	CAL 1660@1000PPB	08/04/05 05:53	Soil	2G10469.	8.9911	0.0145	9.3140	0.0097

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G08378.	500PPB	08/04/05 09:41	Soil					
3G08379.	CAL 1660@500PPB	08/04/05 10:00	Soil	3G08379.	10.0941	0	10.6452	0
3G08380.	SMB726B	08/04/05 10:18	Soil	3G08379.	10.0925	0.0159	10.6449	0.0028
3G08381.	SMB726B(MS)	08/04/05 10:34	Soil	3G08379.	10.0892	0.0486	10.6442	0.0094
3G08382.	AC18778-008	08/04/05 10:51	Soil	3G08379.	10.0873	0.0674	10.6434	0.0169
3G08383.	AC18778-008(MS)	08/04/05 11:07	Soil	3G08379.	10.0895	0.0456	10.6456	0.0038
3G08384.	AC18778-008(MSD)	08/04/05 11:24	Soil	3G08379.	10.0882	0.0585	10.6433	0.0178
3G08385.	AC18778-001	08/04/05 11:40	Soil	3G08379.	10.0871	0.0694	10.6450	0.0019
3G08386.	AC18778-002	08/04/05 11:56	Soil	3G08379.	10.0873	0.0674	10.6398	0.0507
3G08387.	AC18778-003	08/04/05 12:12	Soil	3G08379.	10.0901	0.0396	10.6447	0.0047
3G08388.	AC18778-004	08/04/05 12:28	Soil	3G08379.	10.0860	0.0803	10.6431	0.0197
3G08389.	AC18778-005	08/04/05 12:44	Soil	3G08379.	10.0866	0.0743	10.6424	0.0263
3G08390.	AC18778-006	08/04/05 13:00	Soil	3G08379.	10.0877	0.0634	10.6437	0.0141
3G08391.	AC18778-007	08/04/05 13:17	Soil	3G08379.	10.0885	0.0555	10.6458	0.0056
3G08392.	AC18778-009	08/04/05 13:33	Soil	3G08379.	10.0876	0.0644	10.6408	0.0413
3G08393.	AC18883-001	08/04/05 13:50	Soil	3G08379.	10.0878	0.0624	10.6437	0.0141
3G08394.	AC18855-002	08/04/05 14:07	Soil	3G08379.	10.0908	0.0327	10.6471	0.0179
3G08395.	AC18855-003	08/04/05 14:23	Soil	3G08379.	10.0902	0.0386	10.6446	0.0056
3G08396.	AC18855-004	08/04/05 14:40	Soil	3G08379.	10.0922	0.0188	10.6466	0.0132
3G08397.	AC18881-001	08/04/05 14:56	Soil	3G08379.	10.0906	0.0347	10.6467	0.0141
3G08398.	AC18881-002	08/04/05 15:13	Soil	3G08379.	10.0935	0.0059	10.6504	0.0488
3G08399.	AC18881-003	08/04/05 15:29	Soil	3G08379.	10.0920	0.0208	10.6466	0.0132
3G08400.	500PPB	08/04/05 15:46	Soil	3G08379.	10.0932	0.0089	0.0000	200 *
3G08400.	500PPB	08/04/05 16:02	Soil	3G08379.	10.0939	0.002	10.6496	0.0413
3G08401.	CAL 1660@1000PPB	08/04/05 16:19	Soil	3G08379.	10.0930	0.0109	10.6489	0.0348
3G08402.	1000PPB	08/04/05 16:35	Soil	3G08401.	10.0915	0.0149	10.6467	0.0207
3G08403.	AC18881-004	08/04/05 16:52	Soil	3G08401.	10.0915	0.0149	10.6491	0.0019
3G08404.	AC18881-005	08/04/05 17:08	Soil	3G08401.	10.0933	0.003	10.6485	0.0038
3G08405.	AC18881-007	08/04/05 17:25	Soil	3G08401.	10.0944	0.0139	10.6503	0.0131
3G08406.	AC18881-006	08/04/05 17:41	Soil	3G08401.	10.0925	0.005	10.6488	0.0009
3G08407.	500PPB	08/04/05 17:58	Soil	3G08401.	10.0933	0.003	10.6475	0.0131
3G08408.	1000PPB	08/04/05 18:14	Soil	3G08401.	10.0916	0.0139	10.6474	0.0141
3G08409.	CAL 1660@2000PPB	08/04/05 18:31	Soil	3G08401.	10.0907	0.0228	10.6479	0.0094
3G08410.	2000PPB	08/04/05 18:47	Soil	3G08409.	10.0922	0.0149	10.6486	0.0066

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G10502.	CAL 1660@50PPB	08/05/05 02:34	Soil		8.9710	0	9.2828	0
2G10503.	CAL 1660@50PPB	08/05/05 02:48	Soil		8.9584	0	9.2783	0
2G10504.	CAL 1660@200PPB	08/05/05 03:02	Soil	2G10503.	8.9572	0.0134	9.2794	0.0119
2G10505.	CAL 1660@500PPB	08/05/05 03:17	Soil	2G10503.	8.9575	0.01	9.2804	0.0226
2G10506.	CAL 1660@1000PPB	08/05/05 03:31	Soil	2G10503.	8.9577	0.0078	9.2819	0.0388
2G10507.	CAL 1660@2000PPB	08/05/05 03:46	Soil	2G10503.	8.9587	0.0034	9.2823	0.0431
2G10508.	CAL 1660@4000PPB	08/05/05 04:00	Soil	2G10503.	8.9589	0.0056	9.2830	0.0506
2G10509.	CAL 2154@500PPB	08/05/05 04:15	Soil	2G10503.	8.9595	0.0123	9.2837	0.0582
2G10510.	CAL 1248@500PPB	08/05/05 04:29	Soil	2G10503.	8.9596	0.0134	9.2843	0.0646
2G10511.	CAL 1242@500PPB	08/05/05 04:43	Soil	2G10503.	8.9603	0.0212	9.2848	0.07
2G10512.	CAL 1232@500PPB	08/05/05 04:58	Soil	2G10503.	8.9597	0.0145	9.2845	0.0668
2G10513.	SMB727B	08/05/05 06:11	Soil	2G10503.	8.9709	0.1394	9.2851	0.0733
2G10514.	SMB727B(MS)	08/05/05 06:25	Soil	2G10503.	8.9576	0.0089	9.2797	0.0151
2G10515.	AC18737-033	08/05/05 06:40	Soil	2G10503.	8.9556	0.0313	9.2795	0.0129
2G10516.	AC18919-001	08/05/05 06:54	Soil	2G10503.	8.9556	0.0313	9.2805	0.0237
2G10517.	AC18919-002	08/05/05 07:09	Soil	2G10503.	8.9571	0.0145	9.2812	0.0313
2G10518.	AC18919-003	08/05/05 07:23	Soil	2G10503.	8.9578	0.0067	9.2821	0.0409
2G10519.	SMB2405	08/05/05 07:37	Soil	2G10503.	8.9586	0.0022	9.2833	0.0539
2G10520.	SMB2405(MS)	08/05/05 07:52	Soil	2G10503.	8.9586	0.0022	9.2839	0.0603
2G10521.	AC18876-002(MS)	08/05/05 08:06	Soil	2G10503.	8.9581	0.0033	9.2834	0.0549
2G10522.	AC18876-002(MSD)	08/05/05 08:21	Soil	2G10503.	8.9590	0.0067	9.2836	0.0571
2G10523.	AC18876-002	08/05/05 08:35	Soil	2G10503.	8.9592	0.0089	9.2844	0.0657
2G10524.	AC18876-001	08/05/05 08:50	Soil	2G10503.	8.9591	0.0078	9.2859	0.0819
2G10525.	AC18778-020(MS)	08/05/05 09:04	Soil	2G10503.	8.9599	0.0167	9.2852	0.0743
2G10526.	AC18778-020(MSD)	08/05/05 09:18	Soil	2G10503.	8.9609	0.0279	9.2865	0.0883
2G10527.	AC18778-020	08/05/05 09:33	Soil	2G10503.	8.9614	0.0335	9.2866	0.0894
2G10528.	AC18737-033(10X)	08/05/05 09:47	Soil	2G10503.	8.9625	0.0458	9.2870	0.0937
2G10529.	AC18778-010	08/05/05 10:02	Soil	2G10503.	8.9604	0.0223	9.2870	0.0937
2G10530.	AC18778-011	08/05/05 10:16	Soil	2G10503.	8.9620	0.0402	9.2872	0.0959
2G10531.	AC18778-012	08/05/05 10:30	Soil	2G10503.	8.9621	0.0413	9.2877	0.1013
2G10532.	AC18778-013	08/05/05 10:45	Soil	2G10503.	8.9618	0.0379	9.2876	0.1002
2G10533.	CAL1660@1000PPB	08/05/05 10:59	Soil	2G10503.	8.9622	0.0424	9.2878	0.1023
2G10534.	AC18778-014	08/05/05 11:17	Soil	2G10533.	8.9686	0.0714	9.2911	0.0355
2G10535.	AC18778-003(R)	08/05/05 11:32	Soil	2G10533.	8.9631	0.01	9.2887	0.0097
2G10536.	TEST0805	08/05/05 11:46	Soil	2G10533.	8.9613	0.01	9.2863	0.0162
2G10537.	AC18778-024	08/05/05 12:01	Soil	2G10533.	8.9626	0.0045	9.2885	0.0075
2G10538.	AC18778-016	08/05/05 12:15	Soil	2G10533.	8.9618	0.0045	9.2873	0.0054
2G10539.	18786-009	08/05/05 12:30	Soil	2G10533.	8.9626	0.0045	9.2879	0.0011
2G10540.	AC18778-018	08/05/05 13:17	Soil	2G10533.	8.9628	0.0067	9.2880	0.0022
2G10541.	AC18778-019	08/05/05 13:46	Soil	2G10533.	8.9613	0.01	9.2870	0.0086
2G10541	AC18919-001	08/05/05 14:00	Soil	2G10533.	8.9619	0.0034	9.2878	0
2G10541	AC18919-002	08/05/05 14:14	Soil	2G10533.	8.9620	0.0022	9.2886	0.0086
2G10541	AC18919-003	08/05/05 14:29	Soil	2G10533.	8.9624	0.0022	9.2884	0.0065
2G10542.	AC18778-021	08/05/05 14:43	Soil	2G10533.	8.9643	0.0234	9.2894	0.0172
2G10543.	AC18778-023	08/05/05 14:58	Soil	2G10533.	8.9640	0.0201	9.2895	0.0183
2G10544.	AC18778-022	08/05/05 15:12	Soil	2G10533.	8.9635	0.0145	9.2895	0.0183
2G10545.	AC18778-015	08/05/05 15:29	Soil	2G10533.	8.9677	0.0613	9.2906	0.0301
2G10546.	AC18778-017	08/05/05 15:43	Soil	2G10533.	8.9636	0.0156	9.2889	0.0118
2G10547.	CAL 1660@2000PPB	08/05/05 15:58	Soil	2G10533.	8.9640	0.0201	9.2896	0.0194
2G10548.	2000PPB	08/05/05 16:12	Soil	2G10547.	8.9643	0.0034	9.2897	0.0011
2G10549.	2000PPB	08/05/05 16:26	Soil	2G10547.	8.9635	0.0056	9.2893	0.0032
2G10550.	AC18778-014(R)	08/05/05 16:41	Soil	2G10547.	8.9631	0.01	9.2891	0.0054
2G10551.	AC18778-024(R)	08/05/05 16:55	Soil	2G10547.	8.9637	0.0033	9.2889	0.0075
2G10552.	test0805	08/05/05 17:10	Soil	2G10547.	8.9648	0.0089	9.2899	0.0032
2G10553.	AC18778-003(R)	08/05/05 17:24	Soil	2G10547.	8.9643	0.0034	9.2896	0
2G10554.	AC18778-010	08/05/05 17:39	Soil	2G10547.	8.9640	0	9.2899	0.0032
2G10555.	AC18778-011	08/05/05 17:53	Soil	2G10547.	8.9629	0.0123	9.2889	0.0075
2G10556.	AC18778-012	08/05/05 18:07	Soil	2G10547.	8.9634	0.0067	9.2891	0.0054
2G10557.	AC18778-013	08/05/05 18:22	Soil	2G10547.	8.9623	0.019	9.2882	0.0151
2G10558.	AC18778-014	08/05/05 18:36	Soil	2G10547.	8.9631	0.01	9.2886	0.0108
2G10559.	AC18778-015	08/05/05 18:51	Soil	2G10547.	8.9626	0.0156	9.2881	0.0161
2G10560.	AC18778-016	08/05/05 19:05	Soil	2G10547.	8.9606	0.0379	9.2868	0.0301

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G10561.	AC18778-017	08/05/05 19:19	Soil	2G10547.	8.9614	0.029	9.2875	0.0226
2G10562.	AC18778-018	08/05/05 19:34	Soil	2G10547.	8.9629	0.0123	9.2884	0.0129
2G10563.	AC18778-019	08/05/05 19:48	Soil	2G10547.	8.9596	0.0491	9.2853	0.0463
2G10564.	AC18778-020	08/05/05 20:03	Soil	2G10547.	8.9603	0.0413	9.2859	0.0398
2G10565.	AC18778-021	08/05/05 20:17	Soil	2G10547.	8.9609	0.0346	9.2860	0.0388
2G10566.	AC18778-022	08/05/05 20:32	Soil	2G10547.	8.9598	0.0469	9.2854	0.0452
2G10567.	AC18778-023	08/05/05 20:46	Soil	2G10547.	8.9610	0.0335	9.2870	0.028
2G10568.	AC18778-024	08/05/05 21:01	Soil	2G10547.	8.9610	0.0335	9.2858	0.0409
2G10569.	CAL 1660@1000PPB	08/05/05 21:15	Soil	2G10547.	8.9610	0.0335	9.2861	0.0377
2G10570.	1000PPB	08/05/05 21:29	Soil	2G10569.	8.9596	0.0156	9.2855	0.0065
2G10571.	2000PPB	08/05/05 21:44	Soil	2G10569.	8.9592	0.0201	9.2842	0.0205
2G10572.	2000PPB	08/05/05 21:58	Soil	2G10569.	8.9601	0.01	9.2861	0

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G10580.	CAL 1660@500PPB	08/08/05 08:12	Soil	2G10580.	8.9572	0	9.2805	0
2G10581.	AC18920-001	08/08/05 08:27	Soil	2G10580.	8.9522	0.0558	9.2782	0.0248
2G10582.	AC18907-005	08/08/05 08:41	Soil	2G10580.	8.9539	0.0368	9.2798	0.0075
2G10583.	WMB2310	08/08/05 08:56	Aqueous	2G10580.	8.9538	0.038	9.2791	0.0151
2G10584.	WMB2310(MS)	08/08/05 09:10	Aqueous	2G10580.	8.9550	0.0246	9.2806	0.0011
2G10585.	AC18873-014	08/08/05 09:25	Aqueous	2G10580.	8.9558	0.0156	9.2818	0.014
2G10586.	AC18886-009	08/08/05 09:39	Aqueous	2G10580.	8.9561	0.0123	9.2820	0.0162
2G10587.	AC18888-001	08/08/05 09:53	Aqueous	2G10580.	8.9564	0.0089	9.2826	0.0226
2G10588.	AC18916-025	08/08/05 10:08	Aqueous	2G10580.	8.9569	0.0034	9.2822	0.0183
2G10588.	test	08/08/05 10:22	Aqueous	2G10580.	8.9569	0.0034	9.2825	0.0215
2G10589.	SMB728B	08/08/05 10:37	Soil	2G10580.	8.9568	0.0045	9.2834	0.0312
2G10590.	SMB728B(MS)	08/08/05 10:51	Soil	2G10580.	8.9563	0.0101	9.2828	0.0248
2G10591.	SMB729B	08/08/05 11:06	Soil	2G10580.	8.9574	0.0022	9.2839	0.0366
2G10592.	SMB729B(MS)	08/08/05 11:20	Soil	2G10580.	8.9574	0.0022	9.2841	0.0388
2G10593.	AC18820-005	08/08/05 11:34	Soil	2G10580.	8.9567	0.0056	9.2835	0.0323
2G10594.	AC18820-005(MS)	08/08/05 11:49	Soil	2G10580.	8.9592	0.0223	9.2863	0.0625
2G10595.	AC18820-005(MSD)	08/08/05 12:03	Soil	2G10580.	8.9609	0.0413	9.2881	0.0819
2G10596.	AC18939-001	08/08/05 12:18	Soil	2G10580.	8.9615	0.048	9.2888	0.0894
2G10597.	AC18774-029	08/08/05 12:32	Soil	2G10580.	8.9630	0.0647	9.2891	0.0926
2G10598.	AC18807-001	08/08/05 12:47	Soil	2G10580.	8.9620	0.0536	9.2890	0.0915
2G10599.	AC18807-004	08/08/05 13:10	Soil	2G10580.	8.9669	0.1082	9.2897	0.0991
2G10600.	CAL 1660@1000PPB	08/08/05 13:25	Soil	2G10580.	8.9622	0.0558	9.2882	0.0829
2G10601.	SMB730B(MS)	08/08/05 13:39	Soil	2G10600.	8.9616	0.0067	9.2878	0.0043
2G10602.	SMB730B	08/08/05 13:54	Soil	2G10600.	8.9617	0.0056	9.2880	0.0022
2G10603.	AC18820-001	08/08/05 14:08	Soil	2G10600.	8.9620	0.0022	9.2890	0.0086
2G10604.	AC18820-002	08/08/05 14:22	Soil	2G10600.	8.9625	0.0033	9.2892	0.0108
2G10605.	AC18820-003	08/08/05 14:37	Soil	2G10600.	8.9644	0.0245	9.2913	0.0334
2G10606.	AC18820-004	08/08/05 14:51	Soil	2G10600.	8.9658	0.0402	9.2929	0.0506
2G10607.	AC18807-023	08/08/05 15:06	Soil	2G10600.	8.9653	0.0346	9.2923	0.0441
2G10608.	AC18807-014	08/08/05 15:20	Soil	2G10600.	8.9656	0.0379	9.2911	0.0312
2G10609.	AC18807-017	08/08/05 15:34	Soil	2G10600.	8.9647	0.0279	9.2911	0.0312
2G10610.	AC18807-020	08/08/05 15:49	Soil	2G10600.	8.9648	0.029	9.2914	0.0344
2G10611.	AC18807-008	08/08/05 16:03	Soil	2G10600.	8.9643	0.0234	9.2911	0.0312
2G10612.	AC18848-006	08/08/05 16:18	Soil	2G10600.	8.9633	0.0123	9.2898	0.0172
2G10613.	AC18848-007	08/08/05 16:32	Soil	2G10600.	8.9636	0.0156	9.2897	0.0161
2G10614.	AC18848-008	08/08/05 16:47	Soil	2G10600.	8.9623	0.0011	9.2892	0.0108
2G10615.	AC18845-002	08/08/05 17:01	Soil	2G10600.	8.9629	0.0078	9.2891	0.0097
2G10616.	AC18845-004	08/08/05 17:16	Soil	2G10600.	8.9628	0.0067	9.2890	0.0086
2G10617.	AC18845-007	08/08/05 17:30	Soil	2G10600.	8.9620	0.0022	9.2893	0.0118
2G10618.	AC18845-010	08/08/05 17:44	Soil	2G10600.	8.9614	0.0089	9.2875	0.0075
2G10619.	AC18845-012	08/08/05 17:59	Soil	2G10600.	8.9609	0.0145	9.2870	0.0129
2G10620.	500PPB	08/08/05 18:13	Soil	2G10600.	8.9611	0.0123	9.2872	0.0108
2G10621.	500PPB	08/08/05 18:28	Soil	2G10600.	8.9611	0.0123	9.2869	0.014
2G10622.	CAL 1660@2000PPB	08/08/05 18:42	Soil	2G10600.	8.9612	0.0112	9.2872	0.0108
2G10623.	2000PPB	08/08/05 18:56	Soil	2G10622.	8.9611	0.0011	9.2868	0.0043

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run