Hampton-Clarke, Inc.
veritech laboratories

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NELAP Accredited

Paulus, Sokolowski & Sartor, Inc.

Format: PADEP-F
Project: Philadelphia Coke Site

PO Number: 2522-212-084

Samples submitted on: 8/3/2005

AC18893-001
AC18893-002
AC18893-003
AC18893-004
AC18893-005
AC18893-006
AC18893-007
AC18893-008

Date: 8/26/2005
HCI Project: 5080308

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robert Draney - Quality Assurance Director

Or

Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

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SDG Narrative

SDG NARRATIVE

Project: Paulus, Sokolowski & Sartor, Inc.
Job: Philadelphia Coke Site

Hampton-Clarke, Inc. (HCI) received the following samples from Paulus, Sokolowski & Sartor on August 3, 2005:

incorrect

PS&S #	HCI #	Type	Analysis
PCSB-51 (0.5')	AC18778-001	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS, PCB (8082), PESTICIDES (8081)
PCSB-51 (3')	AC18778-002	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS
PCSB-37 (0.5')	AC18778-003	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS, PCB (8082), PESTICIDES (8081)
PCSB-37 (4.0')	AC18778-004	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS
PCSB-37 (10.5')	AC18778-005	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS
PCSB-54 (0.5')	AC18778-006	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS, PCB (8082), PESTICIDES (8081)
PCSB-54 (4.5')	AC18778-007	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS
PCSB-54 (11.5')	AC18778-008	Soil	TCL VOC (8260), TCL SVOC (8270), PP METALS

Problems associated with these analyses are as follows:

Volatiles:

Methylene chloride was recovered in method blank 1M08408 and in samples AC18893-001-008 as a result of possible laboratory contamination.

There were no other problems associated with this analysis.

Semi-volatiles:

Samples AC18893-001, 003, and 006 were run at 3x dilutions

Di-n-butylphthlate was recovered in method blanks SMB2619 and SMB2626 as well as samples AC18893-001, 006 - 008 as a result of possible laboratory contamination.

In batch SMB2626, 2,4-Dinitrotoluene did not meet the QC criteria in the MBS (103%).

In batch SMB2619, 2,4-Dinitrotoluene did not meet the QC criteria in the MBS (98%), MS (101%), and MSD (96%). Also, Pyrene did not meet the criteria in the MS (15%) and MSD (20%).

In batch SMB2623, 2,4-Dinitrotoluene did not meet the QC criteria in the MBS (104%), MS (106%), and MSD (102%).

In batch SMB 2625, 2,4-Dinitrotoluene did not meet the QC criteria in the MBS (99%) and MS (97%). Also, Pyrene did not meet the criteria in the MS (151%) and the MSD (164%).

There were no other problems associated with this analysis.

PCBs:

There were no problems associated with this analysis.

Pesticides:

In batch SMB734B, Dieldrin did not meet the QC criteria in the MS (145%) and MSD (159%) and Endrin did not meet the criteria in the MS (146%) and MSD (161%). All QC criteria were met in the MBS.

There were no other problems associated with this analysis.

Metals:

Zinc was recovered outside of QC criteria (73%, 73%) for matrix spike and matrix spike duplicate in batch 6277.

The serial dilution for Cadmium (13%) did not meet the QC recovery criteria

There were no other problems associated with this analysis.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Stan Gilewicz, Laboratory Director

8/29/05
Date

Data Package Summary Forms

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-001
Client Id: PCSB-51 (0.5)
Data File: 1M08421.D
Analysis Date: 08/03/05 20:21
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00026	U	56-23-5	Carbon Tetrachloride	0.00089	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00061	U	108-90-7	Chlorobenzene	0.00053	U
79-00-5	1,1,2-Trichloroethane	0.00059	U	75-00-3	Chloroethane	0.0011	U
75-34-3	1,1-Dichloroethane	0.00080	U	67-66-3	Chloroform	0.00048	U
75-35-4	1,1-Dichloroethene	0.00042	U	74-87-3	Chloromethane	0.00083	U
107-06-2	1,2-Dichloroethane	0.00041	U	156-59-2	cis-1,2-Dichloroethene	0.00050	U
78-87-5	1,2-Dichloropropane	0.00059	U	10061-01-5	cis-1,3-Dichloropropene	0.00048	U
78-93-3	2-Butanone	0.00082	U	124-48-1	Dibromochloromethane	0.00059	U
110-75-8	2-Chloroethylvinylether	0.00081	U	100-41-4	Ethylbenzene	0.00079	U
591-78-6	2-Hexanone	0.00050	U	1330-20-7	m&p-Xylenes	0.0012	U
108-10-1	4-Methyl-2-Pentanone	0.00076	U	**75-09-2**	**Methylene Chloride**	**0.0015**	**0.0026 B**
67-64-1	Acetone	0.0056	U	95-47-6	o-Xylene	0.00049	U
107-02-8	Acrolein	0.0035	U	100-42-5	Styrene	0.00065	U
107-13-1	Acrylonitrile	0.00069	U	127-18-4	Tetrachloroethene	0.00095	U
71-43-2	Benzene	0.00054	U	108-88-3	Toluene	0.00079	U
75-27-4	Bromodichloromethane	0.00044	U	156-60-5	trans-1,2-Dichloroethene	0.00034	U
75-25-2	Bromoform	0.00075	U	10061-02-6	trans-1,3-Dichloropropene	0.00060	U
74-83-9	Bromomethane	0.00098	U	79-01-6	Trichloroethene	0.00064	U
75-15-0	Carbon Disulfide	0.00068	U	75-01-4	Vinyl Chloride	0.00075	U

Worksheet #: 18363

Total Target Concentration 0.0026

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-002
Client Id: PCSB-51 (3)
Data File: 1M08428.D
Analysis Date: 08/03/05 23:12
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 71

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00035	U	56-23-5	Carbon Tetrachloride	0.0012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00081	U	108-90-7	Chlorobenzene	0.00071	U
79-00-5	1,1,2-Trichloroethane	0.00079	U	75-00-3	Chloroethane	0.0014	U
75-34-3	1,1-Dichloroethane	0.0011	U	67-66-3	Chloroform	0.00064	U
75-35-4	1,1-Dichloroethene	0.00056	U	74-87-3	Chloromethane	0.0011	U
107-06-2	1,2-Dichloroethane	0.00055	U	156-59-2	cis-1,2-Dichloroethene	0.00067	U
78-87-5	1,2-Dichloropropane	0.00079	U	10061-01-5	cis-1,3-Dichloropropene	0.00064	U
78-93-3	2-Butanone	0.0011	U	124-48-1	Dibromochloromethane	0.00079	U
110-75-8	2-Chloroethylvinylether	0.0011	U	100-41-4	Ethylbenzene	0.0011	U
591-78-6	2-Hexanone	0.00067	U	1330-20-7	m&p-Xylenes	0.0016	U
108-10-1	4-Methyl-2-Pentanone	0.0010	U	**75-09-2**	**Methylene Chloride**	**0.0020**	**0.0038 B**
67-64-1	**Acetone**	**0.0075**	**0.050**	95-47-6	o-Xylene	0.00066	U
107-02-8	Acrolein	0.0047	U	100-42-5	Styrene	0.00087	U
107-13-1	Acrylonitrile	0.00092	U	127-18-4	Tetrachloroethene	0.0013	U
71-43-2	Benzene	0.00072	U	108-88-3	Toluene	0.0011	U
75-27-4	Bromodichloromethane	0.00058	U	156-60-5	trans-1,2-Dichloroethene	0.00045	U
75-25-2	Bromoform	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.00081	U
74-83-9	Bromomethane	0.0013	U	79-01-6	Trichloroethene	0.00086	U
75-15-0	Carbon Disulfide	0.00092	U	75-01-4	Vinyl Chloride	0.0010	U

Worksheet #: 18363

Total Target Concentration 0.0538

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-003
Client Id: PCSB-37 (0.5)
Data File: 1M08422.D
Analysis Date: 08/03/05 20:45
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00028	U	56-23-5	Carbon Tetrachloride	0.00094	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00064	U	108-90-7	Chlorobenzene	0.00056	U
79-00-5	1,1,2-Trichloroethane	0.00062	U	75-00-3	Chloroethane	0.0011	U
75-34-3	1,1-Dichloroethane	0.00084	U	67-66-3	Chloroform	0.00050	U
75-35-4	1,1-Dichloroethene	0.00044	U	74-87-3	Chloromethane	0.00088	U
107-06-2	1,2-Dichloroethane	0.00043	U	156-59-2	cis-1,2-Dichloroethene	0.00053	U
78-87-5	1,2-Dichloropropane	0.00063	U	10061-01-5	cis-1,3-Dichloropropene	0.00051	U
78-93-3	2-Butanone	0.00087	U	124-48-1	Dibromochloromethane	0.00062	U
110-75-8	2-Chloroethylvinylether	0.00085	U	100-41-4	Ethylbenzene	0.00083	U
591-78-6	2-Hexanone	0.00053	U	1330-20-7	m&p-Xylenes	0.0012	U
108-10-1	4-Methyl-2-Pentanone	0.00080	U	**75-09-2**	**Methylene Chloride**	**0.0016**	**0.0023 B**
67-64-1	Acetone	0.0059	U	95-47-6	o-Xylene	0.00052	U
107-02-8	Acrolein	0.0037	U	100-42-5	Styrene	0.00069	U
107-13-1	Acrylonitrile	0.00073	U	127-18-4	Tetrachloroethene	0.0010	U
71-43-2	Benzene	0.00057	U	108-88-3	Toluene	0.00084	U
75-27-4	Bromodichloromethane	0.00046	U	156-60-5	trans-1,2-Dichloroethene	0.00035	U
75-25-2	Bromoform	0.00080	U	10061-02-6	trans-1,3-Dichloropropene	0.00064	U
74-83-9	Bromomethane	0.0010	U	79-01-6	Trichloroethene	0.00068	U
75-15-0	Carbon Disulfide	0.00072	U	75-01-4	Vinyl Chloride	0.00079	U

Worksheet #: 18363

Total Target Concentration 0.0023

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-004
Client Id: PCSB-37 (4.0)
Data File: 1M08427.D
Analysis Date: 08/03/05 22:47
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 78

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00032	U	56-23-5	Carbon Tetrachloride	0.0011	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00074	U	108-90-7	Chlorobenzene	0.00064	U
79-00-5	1,1,2-Trichloroethane	0.00072	U	75-00-3	Chloroethane	0.0013	U
75-34-3	1,1-Dichloroethane	0.00097	U	67-66-3	Chloroform	0.00058	U
75-35-4	1,1-Dichloroethene	0.00051	U	74-87-3	Chloromethane	0.0010	U
107-06-2	1,2-Dichloroethane	0.00050	U	156-59-2	cis-1,2-Dichloroethene	0.00061	U
78-87-5	1,2-Dichloropropane	0.00072	U	10061-01-5	cis-1,3-Dichloropropene	0.00059	U
78-93-3	2-Butanone	0.0010	U	124-48-1	Dibromochloromethane	0.00071	U
110-75-8	2-Chloroethylvinylether	0.00098	U	100-41-4	Ethylbenzene	0.00096	U
591-78-6	2-Hexanone	0.00061	U	1330-20-7	m&p-Xylenes	0.0014	U
108-10-1	4-Methyl-2-Pentanone	0.00092	U	**75-09-2**	**Methylene Chloride**	**0.0019**	**0.0030 B**
67-64-1	**Acetone**	**0.0068**	**0.037**	95-47-6	o-Xylene	0.00060	U
107-02-8	Acrolein	0.0043	U	100-42-5	Styrene	0.00080	U
107-13-1	Acrylonitrile	0.00084	U	127-18-4	Tetrachloroethene	0.0012	U
71-43-2	Benzene	0.00065	U	108-88-3	Toluene	0.00097	U
75-27-4	Bromodichloromethane	0.00053	U	156-60-5	trans-1,2-Dichloroethene	0.00041	U
75-25-2	Bromoform	0.00092	U	10061-02-6	trans-1,3-Dichloropropene	0.00074	U
74-83-9	Bromomethane	0.0012	U	79-01-6	Trichloroethene	0.00078	U
75-15-0	Carbon Disulfide	0.00083	U	75-01-4	Vinyl Chloride	0.00091	U

Worksheet #: 18363

Total Target Concentration 0.04

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-005
Client Id: PCSB-37 (10.5)
Data File: 1M08423.D
Analysis Date: 08/03/05 21:10
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 60

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00042	U	56-23-5	Carbon Tetrachloride	0.0014	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00096	U	108-90-7	Chlorobenzene	0.00084	U
79-00-5	1,1,2-Trichloroethane	0.00093	U	75-00-3	Chloroethane	0.0017	U
75-34-3	1,1-Dichloroethane	0.0013	U	67-66-3	Chloroform	0.00076	U
75-35-4	1,1-Dichloroethene	0.00067	U	74-87-3	Chloromethane	0.0013	U
107-06-2	1,2-Dichloroethane	0.00065	U	156-59-2	cis-1,2-Dichloroethene	0.00079	U
78-87-5	1,2-Dichloropropane	0.00094	U	10061-01-5	cis-1,3-Dichloropropene	0.00076	U
78-93-3	2-Butanone	0.0013	U	124-48-1	Dibromochloromethane	0.00093	U
110-75-8	2-Chloroethylvinylether	0.0013	U	100-41-4	Ethylbenzene	0.0012	U
591-78-6	2-Hexanone	0.00079	U	1330-20-7	m&p-Xylenes	0.0018	U
108-10-1	4-Methyl-2-Pentanone	0.0012	U	**75-09-2**	**Methylene Chloride**	**0.0024**	**0.0043 B**
67-64-1	**Acetone**	**0.0089**	**0.050**	95-47-6	o-Xylene	0.00078	U
107-02-8	Acrolein	0.0055	U	100-42-5	Styrene	0.0010	U
107-13-1	Acrylonitrile	0.0011	U	127-18-4	Tetrachloroethene	0.0015	U
71-43-2	Benzene	0.00085	U	108-88-3	Toluene	0.0013	U
75-27-4	Bromodichloromethane	0.00069	U	156-60-5	trans-1,2-Dichloroethene	0.00053	U
75-25-2	Bromoform	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.00096	U
74-83-9	Bromomethane	0.0016	U	79-01-6	Trichloroethene	0.0010	U
75-15-0	Carbon Disulfide	0.0011	U	75-01-4	Vinyl Chloride	0.0012	U

Worksheet #: 18363

Total Target Concentration 0.0543

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-006
Client Id: PCSB-54 (0.5)
Data File: 1M08426.D
Analysis Date: 08/03/05 22:23
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00029	U	56-23-5	Carbon Tetrachloride	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00068	U	108-90-7	Chlorobenzene	0.00059	U
79-00-5	1,1,2-Trichloroethane	0.00066	U	75-00-3	Chloroethane	0.0012	U
75-34-3	1,1-Dichloroethane	0.00089	U	67-66-3	Chloroform	0.00053	U
75-35-4	1,1-Dichloroethene	0.00047	U	74-87-3	Chloromethane	0.00093	U
107-06-2	1,2-Dichloroethane	0.00046	U	156-59-2	cis-1,2-Dichloroethene	0.00056	U
78-87-5	1,2-Dichloropropane	0.00066	U	10061-01-5	cis-1,3-Dichloropropene	0.00054	U
78-93-3	2-Butanone	0.00092	U	124-48-1	Dibromochloromethane	0.00066	U
110-75-8	2-Chloroethylvinylether	0.00090	U	100-41-4	Ethylbenzene	0.00088	U
591-78-6	2-Hexanone	0.00056	U	1330-20-7	m&p-Xylenes	0.0013	U
108-10-1	4-Methyl-2-Pentanone	0.00085	U	**75-09-2**	**Methylene Chloride**	**0.0017**	**0.0024 B**
67-64-1	Acetone	0.0062	U	95-47-6	o-Xylene	0.00055	U
107-02-8	Acrolein	0.0039	U	100-42-5	Styrene	0.00073	U
107-13-1	Acrylonitrile	0.00077	U	127-18-4	Tetrachloroethene	0.0011	U
71-43-2	Benzene	0.00060	U	108-88-3	Toluene	0.00089	U
75-27-4	Bromodichloromethane	0.00049	U	156-60-5	trans-1,2-Dichloroethene	0.00038	U
75-25-2	Bromoform	0.00084	U	10061-02-6	trans-1,3-Dichloropropene	0.00068	U
74-83-9	Bromomethane	0.0011	U	79-01-6	Trichloroethene	0.00072	U
75-15-0	Carbon Disulfide	0.00076	U	75-01-4	Vinyl Chloride	0.00084	U

Worksheet #: 18363

Total Target Concentration 0.0024

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-007
Client Id: PCSB-54 (4.5)
Data File: 1M08424.D
Analysis Date: 08/03/05 21:34
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 73

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00034	U	56-23-5	Carbon Tetrachloride	0.0012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00079	U	108-90-7	Chlorobenzene	0.00069	U
79-00-5	1,1,2-Trichloroethane	0.00076	U	75-00-3	Chloroethane	0.0014	U
75-34-3	1,1-Dichloroethane	0.0010	U	67-66-3	Chloroform	0.00062	U
75-35-4	1,1-Dichloroethene	0.00055	U	74-87-3	Chloromethane	0.0011	U
107-06-2	1,2-Dichloroethane	0.00054	U	156-59-2	cis-1,2-Dichloroethene	0.00065	U
78-87-5	1,2-Dichloropropane	0.00077	U	10061-01-5	cis-1,3-Dichloropropene	0.00063	U
78-93-3	2-Butanone	0.0011	U	124-48-1	Dibromochloromethane	0.00076	U
110-75-8	2-Chloroethylvinylether	0.0011	U	100-41-4	Ethylbenzene	0.0010	U
591-78-6	2-Hexanone	0.00065	U	1330-20-7	m&p-Xylenes	0.0015	U
108-10-1	4-Methyl-2-Pentanone	0.00098	U	**75-09-2**	**Methylene Chloride**	**0.0020**	**0.0038 B**
67-64-1	**Acetone**	**0.0073**	**0.022**	95-47-6	o-Xylene	0.00064	U
107-02-8	Acrolein	0.0045	U	100-42-5	Styrene	0.00085	U
107-13-1	Acrylonitrile	0.00089	U	127-18-4	Tetrachloroethene	0.0012	U
71-43-2	Benzene	0.00070	U	108-88-3	Toluene	0.0010	U
75-27-4	Bromodichloromethane	0.00057	U	156-60-5	trans-1,2-Dichloroethene	0.00044	U
75-25-2	Bromoform	0.00098	U	10061-02-6	trans-1,3-Dichloropropene	0.00079	U
74-83-9	Bromomethane	0.0013	U	79-01-6	Trichloroethene	0.00084	U
75-15-0	Carbon Disulfide	0.00089	U	75-01-4	Vinyl Chloride	0.00098	U

Worksheet #: 18363

Total Target Concentration 0.0258

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.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-008
Client Id: PCSB-54 (11.5)
Data File: 1M08425.D
Analysis Date: 08/03/05 21:58
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 58

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00043	U	56-23-5	Carbon Tetrachloride	0.0015	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00099	U	108-90-7	Chlorobenzene	0.00087	U
79-00-5	1,1,2-Trichloroethane	0.00096	U	75-00-3	Chloroethane	0.0018	U
75-34-3	1,1-Dichloroethane	0.0013	U	67-66-3	Chloroform	0.00078	U
75-35-4	1,1-Dichloroethene	0.00069	U	74-87-3	Chloromethane	0.0014	U
107-06-2	1,2-Dichloroethane	0.00067	U	156-59-2	cis-1,2-Dichloroethene	0.00082	U
78-87-5	1,2-Dichloropropane	0.00097	U	10061-01-5	cis-1,3-Dichloropropene	0.00079	U
78-93-3	2-Butanone	0.0013	U	124-48-1	Dibromochloromethane	0.00096	U
110-75-8	2-Chloroethylvinylether	0.0013	U	100-41-4	Ethylbenzene	0.0013	U
591-78-6	2-Hexanone	0.00082	U	1330-20-7	m&p-Xylenes	0.0019	U
108-10-1	4-Methyl-2-Pentanone	0.0012	U	**75-09-2**	**Methylene Chloride**	**0.0025**	**0.0043 B**
67-64-1	**Acetone**	**0.0092**	**0.061**	95-47-6	o-Xylene	0.00081	U
107-02-8	Acrolein	0.0057	U	100-42-5	Styrene	0.0011	U
107-13-1	Acrylonitrile	0.0011	U	127-18-4	Tetrachloroethene	0.0016	U
71-43-2	Benzene	0.00088	U	108-88-3	Toluene	0.0013	U
75-27-4	Bromodichloromethane	0.00072	U	156-60-5	trans-1,2-Dichloroethene	0.00055	U
75-25-2	Bromoform	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.00099	U
74-83-9	Bromomethane	0.0016	U	79-01-6	Trichloroethene	0.0011	U
75-15-0	Carbon Disulfide	0.0011	U	75-01-4	Vinyl Chloride	0.0012	U

Worksheet #: 18363

Total Target Concentration 0.0653

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-001(3X)
Client Id: PCSB-51 (0.5)
Data File: 4M05633.D
Analysis Date: 08/16/05 01:12
Date Rec/Extracted: 08/03/05-08/10/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.028	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.031**	**2.9**
95-50-1	1,2-Dichlorobenzene	0.048	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.020**	**2.0**
122-66-7	1,2-Diphenylhydrazine	0.030	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.034**	**1.0**
541-73-1	1,3-Dichlorobenzene	0.044	U	111-91-1	bis(2-Chloroethoxy)methan	0.024	U
106-46-7	1,4-Dichlorobenzene	0.054	U	111-44-4	bis(2-Chloroethyl)ether	0.056	U
95-95-4	2,4,5-Trichlorophenol	1.4	U	108-60-1	bis(2-chloroisopropyl)ether	0.034	U
88-06-2	2,4,6-Trichlorophenol	2.6	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.095**	**0.15**
120-83-2	2,4-Dichlorophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.042	U
105-67-9	2,4-Dimethylphenol	0.15	U	**86-74-8**	**Carbazole**	**0.031**	**0.13**
51-28-5	2,4-Dinitrophenol	0.72	U	**218-01-9**	**Chrysene**	**0.022**	**2.2**
121-14-2	2,4-Dinitrotoluene	0.039	U	**84-74-2**	**Di-n-butylphthalate**	**0.024**	**0.14 B**
606-20-2	2,6-Dinitrotoluene	0.043	U	117-84-0	Di-n-octylphthalate	0.025	U
91-58-7	2-Chloronaphthalene	0.029	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.037**	**0.63**
95-57-8	2-Chlorophenol	0.21	U	**132-64-9**	**Dibenzofuran**	**0.13**	**0.25**
91-57-6	**2-Methylnaphthalene**	**0.14**	**0.33**	84-66-2	Diethylphthalate	0.029	U
95-48-7	2-Methylphenol	0.50	U	131-11-3	Dimethylphthalate	0.024	U
88-74-4	2-Nitroaniline	0.074	U	**206-44-0**	**Fluoranthene**	**0.030**	**4.1**
88-75-5	2-Nitrophenol	0.12	U	86-73-7	Fluorene	0.027	U
106-44-5	3&4-Methylphenol	0.56	U	118-74-1	Hexachlorobenzene	0.049	U
91-94-1	3,3'-Dichlorobenzidine	0.23	U	87-68-3	Hexachlorobutadiene	0.045	U
99-09-2	3-Nitroaniline	0.44	U	77-47-4	Hexachlorocyclopentadiene	0.28	U
534-52-1	4,6-Dinitro-2-methylphenol	0.20	U	67-72-1	Hexachloroethane	0.078	U
101-55-3	4-Bromophenyl-phenylether	0.040	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.014**	**1.6**
59-50-7	4-Chloro-3-methylphenol	0.27	U	78-59-1	Isophorone	0.032	U
106-47-8	4-Chloroaniline	0.81	U	621-64-7	N-Nitroso-di-n-propylamine	0.051	U
7005-72-3	4-Chlorophenyl-phenylether	0.049	U	62-75-9	N-Nitrosodimethylamine	1.2	U
100-01-6	4-Nitroaniline	0.26	U	86-30-6	n-Nitrosodiphenylamine	0.050	U
100-02-7	4-Nitrophenol	0.19	U	**91-20-3**	**Naphthalene**	**0.025**	**0.36**
83-32-9	Acenaphthene	0.044	U	98-95-3	Nitrobenzene	0.042	U
208-96-8	**Acenaphthylene**	**0.024**	**0.40**	87-86-5	Pentachlorophenol	0.13	U
120-12-7	**Anthracene**	**0.028**	**0.59**	**85-01-8**	**Phenanthrene**	**0.024**	**2.1**
92-87-5	Benzidine	0.24	U	108-95-2	Phenol	0.16	U
56-55-3	**Benzo[a]anthracene**	**0.018**	**2.2**	**129-00-0**	**Pyrene**	**0.024**	**3.3**
50-32-8	**Benzo[a]pyrene**	**0.024**	**2.0**				

Worksheet #: 18332

Total Target Concentration 26.38

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-002
Client Id: PCSB-51 (3)
Data File: 4M05573.D
Analysis Date: 08/12/05 17:26
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 71

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**	**0.39**
95-50-1	1,2-Dichlorobenzene	0.021	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0089**	**0.21**
122-66-7	1,2-Diphenylhydrazine	0.014	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.015**	**0.17**
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	0.024	U	111-44-4	bis(2-Chloroethyl)ether	0.025	U
95-95-4	2,4,5-Trichlorophenol	0.63	U	108-60-1	bis(2-chloroisopropyl)ether	0.015	U
88-06-2	2,4,6-Trichlorophenol	1.1	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.042**	**0.053**
120-83-2	2,4-Dichlorophenol	0.076	U	85-68-7	Butylbenzylphthalate	0.019	U
105-67-9	2,4-Dimethylphenol	0.065	U	86-74-8	Carbazole	0.014	U
51-28-5	2,4-Dinitrophenol	0.32	U	**218-01-9**	**Chrysene**	**0.0097**	**0.45**
121-14-2	2,4-Dinitrotoluene	0.017	U	84-74-2	Di-n-butylphthalate	0.011	U
606-20-2	2,6-Dinitrotoluene	0.019	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**	**0.016**	**0.055**
95-57-8	2-Chlorophenol	0.096	U	132-64-9	Dibenzofuran	0.060	U
91-57-6	**2-Methylnaphthalene**	**0.060**	**0.24**	84-66-2	Diethylphthalate	0.013	U
95-48-7	2-Methylphenol	0.22	U	131-11-3	Dimethylphthalate	0.011	U
88-74-4	2-Nitroaniline	0.033	U	**206-44-0**	**Fluoranthene**	**0.013**	**0.50**
88-75-5	2-Nitrophenol	0.055	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.25	U	118-74-1	Hexachlorobenzene	0.022	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	87-68-3	Hexachlorobutadiene	0.020	U
99-09-2	3-Nitroaniline	0.19	U	77-47-4	Hexachlorocyclopentadiene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.089	U	67-72-1	Hexachloroethane	0.035	U
101-55-3	4-Bromophenyl-phenylether	0.018	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0065**	**0.18**
59-50-7	4-Chloro-3-methylphenol	0.12	U	78-59-1	Isophorone	0.014	U
106-47-8	4-Chloroaniline	0.36	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	0.55	U
100-01-6	4-Nitroaniline	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.022	U
100-02-7	4-Nitrophenol	0.083	U	**91-20-3**	**Naphthalene**	**0.011**	**0.18**
83-32-9	**Acenaphthene**	**0.020**	**0.44**	98-95-3	Nitrobenzene	0.019	U
208-96-8	Acenaphthylene	0.011	U	87-86-5	Pentachlorophenol	0.058	U
120-12-7	**Anthracene**	**0.012**	**0.32**	**85-01-8**	**Phenanthrene**	**0.011**	**0.53**
92-87-5	Benzidine	0.11	U	108-95-2	Phenol	0.072	U
56-55-3	**Benzo[a]anthracene**	**0.0082**	**0.34**	**129-00-0**	**Pyrene**	**0.011**	**0.70**
50-32-8	**Benzo[a]pyrene**	**0.011**	**0.31**				

Worksheet #: 18332

Total Target Concentration 5.068

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-003(3X)
Client Id: PCSB-37 (0.5)
Data File: 4M05644.D
Analysis Date: 08/16/05 10:01
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.030	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.033**	**1.7**
95-50-1	1,2-Dichlorobenzene	0.051	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.021**	**1.8**
122-66-7	1,2-Diphenylhydrazine	0.032	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.036**	**0.67**
541-73-1	1,3-Dichlorobenzene	0.047	U	111-91-1	bis(2-Chloroethoxy)methan	0.025	U
106-46-7	1,4-Dichlorobenzene	0.056	U	111-44-4	bis(2-Chloroethyl)ether	0.059	U
95-95-4	2,4,5-Trichlorophenol	1.5	U	108-60-1	bis(2-chloroisopropyl)ether	0.036	U
88-06-2	2,4,6-Trichlorophenol	2.7	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.10**	**0.55**
120-83-2	2,4-Dichlorophenol	0.18	U	85-68-7	Butylbenzylphthalate	0.045	U
105-67-9	2,4-Dimethylphenol	0.15	U	86-74-8	Carbazole	0.033	U
51-28-5	2,4-Dinitrophenol	0.76	U	**218-01-9**	**Chrysene**	**0.023**	**1.8**
121-14-2	2,4-Dinitrotoluene	0.041	U	**84-74-2**	**Di-n-butylphthalate**	**0.025**	**0.31**
606-20-2	2,6-Dinitrotoluene	0.046	U	117-84-0	Di-n-octylphthalate	0.026	U
91-58-7	2-Chloronaphthalene	0.031	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.039**	**0.55**
95-57-8	2-Chlorophenol	0.23	U	**132-64-9**	**Dibenzofuran**	**0.14**	**0.84**
91-57-6	**2-Methylnaphthalene**	**0.14**	**3.8**	84-66-2	Diethylphthalate	0.031	U
95-48-7	2-Methylphenol	0.53	U	131-11-3	Dimethylphthalate	0.025	U
88-74-4	2-Nitroaniline	0.078	U	**206-44-0**	**Fluoranthene**	**0.032**	**2.0**
88-75-5	2-Nitrophenol	0.13	U	**86-73-7**	**Fluorene**	**0.028**	**1.4**
106-44-5	3&4-Methylphenol	0.59	U	118-74-1	Hexachlorobenzene	0.051	U
91-94-1	3,3'-Dichlorobenzidine	0.24	U	87-68-3	Hexachlorobutadiene	0.047	U
99-09-2	3-Nitroaniline	0.46	U	77-47-4	Hexachlorocyclopentadiene	0.30	U
534-52-1	4,6-Dinitro-2-methylphenol	0.21	U	67-72-1	Hexachloroethane	0.083	U
101-55-3	4-Bromophenyl-phenylether	0.043	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.015**	**1.2**
59-50-7	4-Chloro-3-methylphenol	0.28	U	78-59-1	Isophorone	0.034	U
106-47-8	4-Chloroaniline	0.86	U	621-64-7	N-Nitroso-di-n-propylamine	0.054	U
7005-72-3	4-Chlorophenyl-phenylether	0.051	U	62-75-9	N-Nitrosodimethylamine	1.3	U
100-01-6	4-Nitroaniline	0.27	U	86-30-6	n-Nitrosodiphenylamine	0.053	U
100-02-7	4-Nitrophenol	0.20	U	**91-20-3**	**Naphthalene**	**0.026**	**2.1**
83-32-9	**Acenaphthene**	**0.046**	**0.81**	98-95-3	Nitrobenzene	0.044	U
208-96-8	Acenaphthylene	0.026	U	87-86-5	Pentachlorophenol	0.14	U
120-12-7	**Anthracene**	**0.029**	**0.58**	**85-01-8**	**Phenanthrene**	**0.026**	**2.9**
92-87-5	Benzidine	0.25	U	108-95-2	Phenol	0.17	U
56-55-3	**Benzo[a]anthracene**	**0.019**	**1.2**	**129-00-0**	**Pyrene**	**0.026**	**2.0**
50-32-8	**Benzo[a]pyrene**	**0.026**	**1.4**				

Worksheet #: 18332

Total Target Concentration 27.61

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-004
Client Id: PCSB-37 (4.0)
Data File: 4M05609.D
Analysis Date: 08/15/05 14:39
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 78

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	205-99-2	Benzo[b]fluoranthene	0.013	U
95-50-1	1,2-Dichlorobenzene	0.020	U	191-24-2	Benzo[g,h,i]perylene	0.0081	U
122-66-7	1,2-Diphenylhydrazine	0.012	U	207-08-9	Benzo[k]fluoranthene	0.014	U
541-73-1	1,3-Dichlorobenzene	0.018	U	111-91-1	bis(2-Chloroethoxy)methan	0.0097	U
106-46-7	1,4-Dichlorobenzene	0.022	U	111-44-4	bis(2-Chloroethyl)ether	0.023	U
95-95-4	2,4,5-Trichlorophenol	0.58	U	108-60-1	bis(2-chloroisopropyl)ether	0.014	U
88-06-2	2,4,6-Trichlorophenol	1.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.039	U
120-83-2	2,4-Dichlorophenol	0.069	U	85-68-7	Butylbenzylphthalate	0.017	U
105-67-9	2,4-Dimethylphenol	0.059	U	86-74-8	Carbazole	0.013	U
51-28-5	2,4-Dinitrophenol	0.29	U	218-01-9	Chrysene	0.0088	U
121-14-2	2,4-Dinitrotoluene	0.016	U	**84-74-2**	**Di-n-butylphthalate**	**0.0096**	**0.088**
606-20-2	2,6-Dinitrotoluene	0.018	U	117-84-0	Di-n-octylphthalate	0.010	U
91-58-7	2-Chloronaphthalene	0.012	U	53-70-3	Dibenzo[a,h]anthracene	0.015	U
95-57-8	2-Chlorophenol	0.087	U	132-64-9	Dibenzofuran	0.054	U
91-57-6	2-Methylnaphthalene	0.055	U	84-66-2	Diethylphthalate	0.012	U
95-48-7	2-Methylphenol	0.20	U	131-11-3	Dimethylphthalate	0.0097	U
88-74-4	2-Nitroaniline	0.030	U	206-44-0	Fluoranthene	0.012	U
88-75-5	2-Nitrophenol	0.050	U	86-73-7	Fluorene	0.011	U
106-44-5	3&4-Methylphenol	0.23	U	118-74-1	Hexachlorobenzene	0.020	U
91-94-1	3,3'-Dichlorobenzidine	0.094	U	87-68-3	Hexachlorobutadiene	0.018	U
99-09-2	3-Nitroaniline	0.18	U	77-47-4	Hexachlorocyclopentadiene	0.11	U
534-52-1	4,6-Dinitro-2-methylphenol	0.081	U	67-72-1	Hexachloroethane	0.032	U
101-55-3	4-Bromophenyl-phenylether	0.016	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0059	U
59-50-7	4-Chloro-3-methylphenol	0.11	U	78-59-1	Isophorone	0.013	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.021	U
7005-72-3	4-Chlorophenyl-phenylether	0.020	U	62-75-9	N-Nitrosodimethylamine	0.50	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.020	U
100-02-7	4-Nitrophenol	0.076	U	91-20-3	Naphthalene	0.010	U
83-32-9	Acenaphthene	0.018	U	98-95-3	Nitrobenzene	0.017	U
208-96-8	Acenaphthylene	0.0099	U	87-86-5	Pentachlorophenol	0.053	U
120-12-7	Anthracene	0.011	U	85-01-8	Phenanthrene	0.0098	U
92-87-5	Benzidine	0.097	U	108-95-2	Phenol	0.065	U
56-55-3	Benzo[a]anthracene	0.0075	U	**129-00-0**	**Pyrene**	**0.0099**	**0.056**
50-32-8	Benzo[a]pyrene	0.0098	U				

Worksheet #: 18332

Total Target Concentration 0.144

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-005
Client Id: PCSB-37 (10.5)
Data File: 4M05610.D
Analysis Date: 08/15/05 15:03
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 60

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.015	U	205-99-2	Benzo[b]fluoranthene	0.017	U
95-50-1	1,2-Dichlorobenzene	0.025	U	191-24-2	Benzo[g,h,i]perylene	0.011	U
122-66-7	1,2-Diphenylhydrazine	0.016	U	207-08-9	Benzo[k]fluoranthene	0.018	U
541-73-1	1,3-Dichlorobenzene	0.023	U	111-91-1	bis(2-Chloroethoxy)methan	0.013	U
106-46-7	1,4-Dichlorobenzene	0.028	U	111-44-4	bis(2-Chloroethyl)ether	0.029	U
95-95-4	2,4,5-Trichlorophenol	0.75	U	108-60-1	bis(2-chloroisopropyl)ether	0.018	U
88-06-2	2,4,6-Trichlorophenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.050	U
120-83-2	2,4-Dichlorophenol	0.090	U	85-68-7	Butylbenzylphthalate	0.022	U
105-67-9	2,4-Dimethylphenol	0.077	U	86-74-8	Carbazole	0.016	U
51-28-5	2,4-Dinitrophenol	0.38	U	218-01-9	Chrysene	0.011	U
121-14-2	2,4-Dinitrotoluene	0.021	U	**84-74-2**	**Di-n-butylphthalate**	**0.012**	**0.14**
606-20-2	2,6-Dinitrotoluene	0.023	U	117-84-0	Di-n-octylphthalate	0.013	U
91-58-7	2-Chloronaphthalene	0.015	U	53-70-3	Dibenzo[a,h]anthracene	0.019	U
95-57-8	2-Chlorophenol	0.11	U	132-64-9	Dibenzofuran	0.071	U
91-57-6	2-Methylnaphthalene	0.072	U	84-66-2	Diethylphthalate	0.015	U
95-48-7	2-Methylphenol	0.26	U	131-11-3	Dimethylphthalate	0.013	U
88-74-4	2-Nitroaniline	0.039	U	206-44-0	Fluoranthene	0.016	U
88-75-5	2-Nitrophenol	0.065	U	86-73-7	Fluorene	0.014	U
106-44-5	3&4-Methylphenol	0.29	U	118-74-1	Hexachlorobenzene	0.026	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	87-68-3	Hexachlorobutadiene	0.024	U
99-09-2	3-Nitroaniline	0.23	U	77-47-4	Hexachlorocyclopentadiene	0.15	U
534-52-1	4,6-Dinitro-2-methylphenol	0.11	U	67-72-1	Hexachloroethane	0.041	U
101-55-3	4-Bromophenyl-phenylether	0.021	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0077	U
59-50-7	4-Chloro-3-methylphenol	0.14	U	78-59-1	Isophorone	0.017	U
106-47-8	4-Chloroaniline	0.43	U	621-64-7	N-Nitroso-di-n-propylamine	0.027	U
7005-72-3	4-Chlorophenyl-phenylether	0.026	U	62-75-9	N-Nitrosodimethylamine	0.66	U
100-01-6	4-Nitroaniline	0.14	U	86-30-6	n-Nitrosodiphenylamine	0.026	U
100-02-7	4-Nitrophenol	0.099	U	91-20-3	Naphthalene	0.013	U
83-32-9	Acenaphthene	0.023	U	98-95-3	Nitrobenzene	0.022	U
208-96-8	Acenaphthylene	0.013	U	87-86-5	Pentachlorophenol	0.069	U
120-12-7	Anthracene	0.015	U	85-01-8	Phenanthrene	0.013	U
92-87-5	Benzidine	0.13	U	108-95-2	Phenol	0.085	U
56-55-3	Benzo[a]anthracene	0.0097	U	129-00-0	Pyrene	0.013	U
50-32-8	**Benzo[a]pyrene**	**0.013**	**0.093**				

Worksheet #: 18332

Total Target Concentration 0.233

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-006(3X)
Client Id: PCSB-54 (0.5)
Data File: 4M05657.D
Analysis Date: 08/16/05 15:37
Date Rec/Extracted: 08/03/05-08/14/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.032	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.035**	**5.8**
95-50-1	1,2-Dichlorobenzene	0.054	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.022**	**2.7**
122-66-7	1,2-Diphenylhydrazine	0.034	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.038**	**1.6**
541-73-1	1,3-Dichlorobenzene	0.049	U	111-91-1	bis(2-Chloroethoxy)methan	0.027	U
106-46-7	1,4-Dichlorobenzene	0.060	U	111-44-4	bis(2-Chloroethyl)ether	0.062	U
95-95-4	2,4,5-Trichlorophenol	1.6	U	108-60-1	bis(2-chloroisopropyl)ether	0.038	U
88-06-2	2,4,6-Trichlorophenol	2.9	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.11**	**1.1**
120-83-2	2,4-Dichlorophenol	0.19	U	**85-68-7**	**Butylbenzylphthalate**	**0.047**	**0.31**
105-67-9	2,4-Dimethylphenol	0.16	U	**86-74-8**	**Carbazole**	**0.035**	**0.52**
51-28-5	2,4-Dinitrophenol	0.80	U	**218-01-9**	**Chrysene**	**0.024**	**4.5**
121-14-2	2,4-Dinitrotoluene	0.044	U	**84-74-2**	**Di-n-butylphthalate**	**0.026**	**0.19 B**
606-20-2	2,6-Dinitrotoluene	0.049	U	117-84-0	Di-n-octylphthalate	0.028	U
91-58-7	2-Chloronaphthalene	0.033	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.041**	**1.1**
95-57-8	2-Chlorophenol	0.24	U	**132-64-9**	**Dibenzofuran**	**0.15**	**0.81**
91-57-6	**2-Methylnaphthalene**	**0.15**	**1.3**	84-66-2	Diethylphthalate	0.032	U
95-48-7	2-Methylphenol	0.56	U	131-11-3	Dimethylphthalate	0.027	U
88-74-4	2-Nitroaniline	0.083	U	**206-44-0**	**Fluoranthene**	**0.034**	**9.4**
88-75-5	2-Nitrophenol	0.14	U	**86-73-7**	**Fluorene**	**0.030**	**0.78**
106-44-5	3&4-Methylphenol	0.62	U	118-74-1	Hexachlorobenzene	0.055	U
91-94-1	3,3'-Dichlorobenzidine	0.26	U	87-68-3	Hexachlorobutadiene	0.050	U
99-09-2	3-Nitroaniline	0.49	U	77-47-4	Hexachlorocyclopentadiene	0.31	U
534-52-1	4,6-Dinitro-2-methylphenol	0.22	U	67-72-1	Hexachloroethane	0.088	U
101-55-3	4-Bromophenyl-phenylether	0.045	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.016**	**2.5**
59-50-7	4-Chloro-3-methylphenol	0.30	U	78-59-1	Isophorone	0.036	U
106-47-8	4-Chloroaniline	0.91	U	621-64-7	N-Nitroso-di-n-propylamine	0.057	U
7005-72-3	4-Chlorophenyl-phenylether	0.054	U	62-75-9	N-Nitrosodimethylamine	1.4	U
100-01-6	4-Nitroaniline	0.29	U	86-30-6	n-Nitrosodiphenylamine	0.056	U
100-02-7	4-Nitrophenol	0.21	U	**91-20-3**	**Naphthalene**	**0.028**	**1.3**
83-32-9	**Acenaphthene**	**0.049**	**0.28**	98-95-3	Nitrobenzene	0.047	U
208-96-8	**Acenaphthylene**	**0.027**	**0.61**	87-86-5	Pentachlorophenol	0.15	U
120-12-7	**Anthracene**	**0.031**	**1.5**	**85-01-8**	**Phenanthrene**	**0.027**	**7.3**
92-87-5	Benzidine	0.27	U	108-95-2	Phenol	0.18	U
56-55-3	**Benzo[a]anthracene**	**0.021**	**4.9**	**129-00-0**	**Pyrene**	**0.027**	**7.6**
50-32-8	**Benzo[a]pyrene**	**0.027**	**3.6**				

Worksheet #: 18332

Total Target Concentration 59.7

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-007
Client Id: PCSB-54 (4.5)
Data File: 4M05628.D
Analysis Date: 08/15/05 23:14
Date Rec/Extracted: 08/03/05-08/14/05

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

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.014**	**0.14**
95-50-1	1,2-Dichlorobenzene	0.021	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0087**	**0.097**
122-66-7	1,2-Diphenylhydrazine	0.013	U	207-08-9	Benzo[k]fluoranthene	0.015	U
541-73-1	1,3-Dichlorobenzene	0.019	U	111-91-1	bis(2-Chloroethoxy)methan	0.010	U
106-46-7	1,4-Dichlorobenzene	0.023	U	111-44-4	bis(2-Chloroethyl)ether	0.024	U
95-95-4	2,4,5-Trichlorophenol	0.62	U	108-60-1	bis(2-chloroisopropyl)ether	0.015	U
88-06-2	2,4,6-Trichlorophenol	1.1	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.041**	**0.068**
120-83-2	2,4-Dichlorophenol	0.074	U	85-68-7	Butylbenzylphthalate	0.018	U
105-67-9	2,4-Dimethylphenol	0.063	U	86-74-8	Carbazole	0.014	U
51-28-5	2,4-Dinitrophenol	0.31	U	**218-01-9**	**Chrysene**	**0.0094**	**0.086**
121-14-2	2,4-Dinitrotoluene	0.017	U	**84-74-2**	**Di-n-butylphthalate**	**0.010**	**0.11 B**
606-20-2	2,6-Dinitrotoluene	0.019	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	0.016	U
95-57-8	2-Chlorophenol	0.093	U	132-64-9	Dibenzofuran	0.058	U
91-57-6	2-Methylnaphthalene	0.059	U	84-66-2	Diethylphthalate	0.013	U
95-48-7	2-Methylphenol	0.22	U	131-11-3	Dimethylphthalate	0.010	U
88-74-4	2-Nitroaniline	0.032	U	**206-44-0**	**Fluoranthene**	**0.013**	**0.074**
88-75-5	2-Nitrophenol	0.053	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.24	U	118-74-1	Hexachlorobenzene	0.021	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	87-68-3	Hexachlorobutadiene	0.019	U
99-09-2	3-Nitroaniline	0.19	U	77-47-4	Hexachlorocyclopentadiene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.087	U	67-72-1	Hexachloroethane	0.034	U
101-55-3	4-Bromophenyl-phenylether	0.018	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0063**	**0.080**
59-50-7	4-Chloro-3-methylphenol	0.12	U	78-59-1	Isophorone	0.014	U
106-47-8	4-Chloroaniline	0.35	U	621-64-7	N-Nitroso-di-n-propylamine	0.022	U
7005-72-3	4-Chlorophenyl-phenylether	0.021	U	62-75-9	N-Nitrosodimethylamine	0.54	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.022	U
100-02-7	4-Nitrophenol	0.081	U	91-20-3	Naphthalene	0.011	U
83-32-9	Acenaphthene	0.019	U	98-95-3	Nitrobenzene	0.018	U
208-96-8	**Acenaphthylene**	**0.011**	**0.077**	87-86-5	Pentachlorophenol	0.056	U
120-12-7	**Anthracene**	**0.012**	**0.086**	**85-01-8**	**Phenanthrene**	**0.011**	**0.085**
92-87-5	Benzidine	0.10	U	108-95-2	Phenol	0.070	U
56-55-3	**Benzo[a]anthracene**	**0.0080**	**0.083**	**129-00-0**	**Pyrene**	**0.011**	**0.079**
50-32-8	**Benzo[a]pyrene**	**0.011**	**0.083**				

Worksheet #: 18332

Total Target Concentration 1.148

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.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-008	Matrix: Soil
Client Id: PCSB-54 (11.5)	Initial Vol: 30g
Data File: 4M05629.D	Final Vol: 1ml
Analysis Date: 08/15/05 23:37	Dilution: 1
Date Rec/Extracted: 08/03/05-08/14/05	Solids: 58

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**	**0.26**
95-50-1	1,2-Dichlorobenzene	0.026	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.011**	**0.13**
122-66-7	1,2-Diphenylhydrazine	0.017	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.019**	**0.068**
541-73-1	1,3-Dichlorobenzene	0.024	U	111-91-1	bis(2-Chloroethoxy)methan	0.013	U
106-46-7	1,4-Dichlorobenzene	0.029	U	111-44-4	bis(2-Chloroethyl)ether	0.030	U
95-95-4	2,4,5-Trichlorophenol	0.78	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**	**0.052**	**0.12**
120-83-2	2,4-Dichlorophenol	0.093	U	85-68-7	Butylbenzylphthalate	0.023	U
105-67-9	2,4-Dimethylphenol	0.079	U	86-74-8	Carbazole	0.017	U
51-28-5	2,4-Dinitrophenol	0.39	U	**218-01-9**	**Chrysene**	**0.012**	**0.23**
121-14-2	2,4-Dinitrotoluene	0.021	U	**84-74-2**	**Di-n-butylphthalate**	**0.013**	**0.16 B**
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	0.073	U
91-57-6	2-Methylnaphthalene	0.074	U	84-66-2	Diethylphthalate	0.016	U
95-48-7	2-Methylphenol	0.27	U	131-11-3	Dimethylphthalate	0.013	U
88-74-4	2-Nitroaniline	0.040	U	**206-44-0**	**Fluoranthene**	**0.017**	**0.41**
88-75-5	2-Nitrophenol	0.067	U	86-73-7	Fluorene	0.015	U
106-44-5	3&4-Methylphenol	0.30	U	118-74-1	Hexachlorobenzene	0.027	U
91-94-1	3,3'-Dichlorobenzidine	0.13	U	87-68-3	Hexachlorobutadiene	0.024	U
99-09-2	3-Nitroaniline	0.24	U	77-47-4	Hexachlorocyclopentadiene	0.15	U
534-52-1	4,6-Dinitro-2-methylphenol	0.11	U	67-72-1	Hexachloroethane	0.043	U
101-55-3	4-Bromophenyl-phenylether	0.022	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0079**	**0.12**
59-50-7	4-Chloro-3-methylphenol	0.15	U	78-59-1	Isophorone	0.018	U
106-47-8	4-Chloroaniline	0.44	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	0.68	U
100-01-6	4-Nitroaniline	0.14	U	86-30-6	n-Nitrosodiphenylamine	0.027	U
100-02-7	4-Nitrophenol	0.10	U	**91-20-3**	**Naphthalene**	**0.014**	**0.073**
83-32-9	Acenaphthene	0.024	U	98-95-3	Nitrobenzene	0.023	U
208-96-8	Acenaphthylene	0.013	U	87-86-5	Pentachlorophenol	0.071	U
120-12-7	**Anthracene**	**0.015**	**0.095**	**85-01-8**	**Phenanthrene**	**0.013**	**0.30**
92-87-5	Benzidine	0.13	U	108-95-2	Phenol	0.088	U
56-55-3	**Benzo[a]anthracene**	**0.010**	**0.23**	**129-00-0**	**Pyrene**	**0.013**	**0.47**
50-32-8	**Benzo[a]pyrene**	**0.013**	**0.19**				

Worksheet #: 18332

Total Target Concentration 2.856

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.

Form1

ORGANICS PCB REPORT

Sample Number: AC18893-001
Client Id: PCSB-51 (0.5)
Data File: 3G08558.D
Analysis Date: 08/12/05 14:19
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.026	U	12672-29-6	Aroclor-1248	0.026	U
11104-28-2	Aroclor-1221	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11141-16-5	Aroclor-1232	0.026	U	**11096-82-5**	**Aroclor-1260**	**0.026**	**0.12**
53469-21-9	Aroclor-1242	0.026	U				

Worksheet #: 18329

Total Target Concentration 0.12

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.

Form1

ORGANICS PCB REPORT

Sample Number: AC18893-003
Client Id: PCSB-37 (0.5)
Data File: 3G08556.D
Analysis Date: 08/12/05 13:47
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.028	U	12672-29-6	Aroclor-1248	0.028	U
11104-28-2	Aroclor-1221	0.028	U	11097-69-1	Aroclor-1254	0.028	U
11141-16-5	Aroclor-1232	0.028	U	**11096-82-5**	**Aroclor-1260**	**0.028**	**1.0**
53469-21-9	Aroclor-1242	0.028	U				

Worksheet #: 18329

Total Target Concentration 1

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.

Form1

ORGANICS PCB REPORT

Sample Number: AC18893-006
Client Id: PCSB-54 (0.5)
Data File: 3G08557.D
Analysis Date: 08/12/05 14:03
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.029	U	12672-29-6	Aroclor-1248	0.029	U
11104-28-2	Aroclor-1221	0.029	U	**11097-69-1**	**Aroclor-1254**	**0.029**	**0.32**
11141-16-5	Aroclor-1232	0.029	U	11096-82-5	Aroclor-1260	0.029	U
53469-21-9	Aroclor-1242	0.029	U				

Worksheet #: 18329

Total Target Concentration 0.32

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.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18893-001
Client Id: PCSB-51 (0.5)
Data File: 5G03524.D
Analysis Date: 08/12/05 08:55
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0053	U	7421-93-4	Endrin Aldehyde	0.0053	U
319-84-6	alpha-BHC	0.0053	U	53494-70-5	Endrin Ketone	0.0053	U
319-85-7	beta-BHC	0.0053	U	58-89-9	gamma-BHC	0.0053	U
57-74-9	**Chlordane**	**0.011**	**0.047**	76-44-8	Heptachlor	0.0053	U
319-86-8	delta-BHC	0.0053	U	1024-57-3	Heptachlor Epoxide	0.0053	U
60-57-1	Dieldrin	0.0053	U	72-43-5	Methoxychlor	0.0053	U
959-98-8	Endosulfan I	0.0053	U	**72-54-8**	**p,p'-DDD**	**0.0053**	**0.040**
33213-65-9	Endosulfan II	0.0053	U	**72-55-9**	**p,p'-DDE**	**0.0053**	**0.020**
1031-07-8	Endosulfan Sulfate	0.0053	U	**50-29-3**	**p,p'-DDT**	**0.0053**	**0.050**
72-20-8	Endrin	0.0053	U	8001-35-2	Toxaphene	0.026	U

Same as before SW8081

Worksheet #: 18297

Total Target Concentration 0.157

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.

Form1

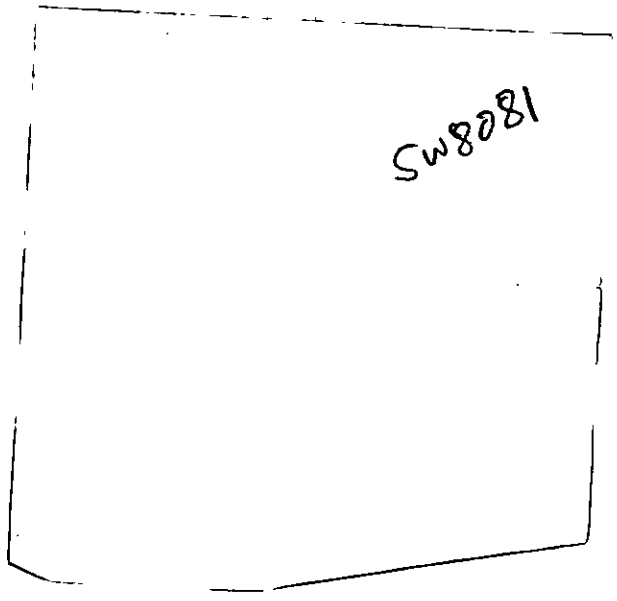
ORGANICS PESTICIDE REPORT

Sample Number: AC18893-003
Client Id: PCSB-37 (0.5)
Data File: 5G03527.D
Analysis Date: 08/12/05 09:51
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0056	U	7421-93-4	Endrin Aldehyde	0.0056	U
319-84-6	alpha-BHC	0.0056	U	53494-70-5	Endrin Ketone	0.0056	U
319-85-7	beta-BHC	0.0056	U	58-89-9	gamma-BHC	0.0056	U
57-74-9	Chlordane	0.011	U	76-44-8	Heptachlor	0.0056	U
319-86-8	delta-BHC	0.0056	U	1024-57-3	Heptachlor Epoxide	0.0056	U
60-57-1	**Dieldrin**	**0.0056**	**0.095**	72-43-5	Methoxychlor	0.0056	U
959-98-8	Endosulfan I	0.0056	U	72-54-8	p,p'-DDD	0.0056	U
33213-65-9	**Endosulfan II**	**0.0056**	**0.016**	**72-55-9**	**p,p'-DDE**	**0.0056**	**0.026**
1031-07-8	Endosulfan Sulfate	0.0056	U	**50-29-3**	**p,p'-DDT**	**0.0056**	**0.17**
72-20-8	Endrin	0.0056	U	8001-35-2	Toxaphene	0.028	U



Worksheet #: 18297

Total Target Concentration 0.307

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.

Form1

ORGANICS PESTICIDE REPORT

Sample Number: AC18893-006
Client Id: PCSB-54 (0.5)
Data File: 5G03528.D
Analysis Date: 08/12/05 10:10
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
309-00-2	Aldrin	0.0059	U	7421-93-4	Endrin Aldehyde	0.0059	U
319-84-6	alpha-BHC	0.0059	U	53494-70-5	Endrin Ketone	0.0059	U
319-85-7	beta-BHC	0.0059	U	58-89-9	gamma-BHC	0.0059	U
57-74-9	**Chlordane**	**0.012**	**0.12**	76-44-8	Heptachlor	0.0059	U
319-86-8	delta-BHC	0.0059	U	1024-57-3	Heptachlor Epoxide	0.0059	U
60-57-1	Dieldrin	0.0059	U	72-43-5	Methoxychlor	0.0059	U
959-98-8	Endosulfan I	0.0059	U	72-54-8	p,p'-DDD	0.0059	U
33213-65-9	Endosulfan II	0.0059	U	**72-55-9**	**p,p'-DDE**	**0.0059**	**0.027**
1031-07-8	Endosulfan Sulfate	0.0059	U	**50-29-3**	**p,p'-DDT**	**0.0059**	**0.059**
72-20-8	Endrin	0.0059	U	8001-35-2	Toxaphene	0.029	U

Worksheet #: 18297

Total Target Concentration 0.206

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.

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-001	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-51 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.1	3.8	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-38-2	Arsenic	2.1	8.2	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-39-3	Barium	11	73	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-43-9	Cadmium	0.63	1.1	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-47-3	Chromium	5.3	43	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-50-8	Copper	5.3	150	100	08/09/05	6244	S6244A	20	P	PEICP1
7439-92-1	Lead	5.3	180	100	08/09/05	6244	S6244A	20	P	PEICP1
7439-97-6	Mercury	0.088	0.24	167	08/09/05	6244	H6244S	17	CV	HGCV1
7440-02-0	Nickel	5.3	25	100	08/09/05	6244	S6244A	20	P	PEICP1
7782-49-2	Selenium	1.9	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-22-4	Silver	2.6	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/09/05	6244	S6244A	20	P	PEICP1
7440-66-6	Zinc	11	260	100	08/09/05	6244	S6244A	20	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-002	% Solid:	71	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-51 (3)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.8	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-38-2	Arsenic	2.8	3.2	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-39-3	Barium	14	66	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-41-7	Beryllium	0.85	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-43-9	Cadmium	0.85	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-47-3	Chromium	7.0	7.5	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-50-8	Copper	7.0	66	100	08/09/05	6244	S6244A	22	P	PEICP1
7439-92-1	Lead	7.0	160	100	08/09/05	6244	S6244A	22	P	PEICP1
7439-97-6	Mercury	0.12	0.20	167	08/09/05	6244	H6244S	18	CV	HGCV1
7440-02-0	Nickel	7.0	8.3	100	08/09/05	6244	S6244A	22	P	PEICP1
7782-49-2	Selenium	2.5	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-22-4	Silver	3.5	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-28-0	Thallium	1.7	ND	100	08/09/05	6244	S6244A	22	P	PEICP1
7440-66-6	Zinc	14	ND	100	08/09/05	6244	S6244A	22	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-003	% Solid:	90	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-37 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.2	8.7	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-38-2	Arsenic	2.2	20	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-39-3	Barium	11	74	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-41-7	Beryllium	0.67	ND	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-43-9	Cadmium	0.67	3.6	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-47-3	Chromium	5.6	110	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-50-8	Copper	5.6	610	100	08/09/05	6244	S6244A	23	P	PEICP1
7439-92-1	Lead	5.6	420	100	08/09/05	6244	S6244A	23	P	PEICP1
7439-97-6	Mercury	0.093	0.47	167	08/09/05	6244	H6244S	19	CV	HGCV1
7440-02-0	Nickel	5.6	97	100	08/09/05	6244	S6244A	23	P	PEICP1
7782-49-2	Selenium	2.0	2.4	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-22-4	Silver	2.8	ND	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-28-0	Thallium	1.3	ND	100	08/09/05	6244	S6244A	23	P	PEICP1
7440-66-6	Zinc	11	540	100	08/09/05	6244	S6244A	23	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-004	% Solid:	78	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-37 (4.0)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.6	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-38-2	Arsenic	2.6	3.3	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-39-3	Barium	13	37	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-41-7	Beryllium	0.77	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-43-9	Cadmium	0.77	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-47-3	Chromium	6.4	20	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-50-8	Copper	6.4	14	100	08/09/05	6244	S6244A	24	P	PEICP1
7439-92-1	Lead	6.4	17	100	08/09/05	6244	S6244A	24	P	PEICP1
7439-97-6	Mercury	0.11	1.6	167	08/09/05	6244	H6244S	22	CV	HGCV1
7440-02-0	Nickel	6.4	21	100	08/09/05	6244	S6244A	24	P	PEICP1
7782-49-2	Selenium	2.3	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-22-4	Silver	3.2	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-28-0	Thallium	1.5	ND	100	08/09/05	6244	S6244A	24	P	PEICP1
7440-66-6	Zinc	13	300	100	08/09/05	6244	S6244A	24	P	PEICP1

Comments: _____

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Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-005	% Solid:	60	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-37 (10.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.3	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-38-2	Arsenic	3.3	4.0	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-39-3	Barium	17	180	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-41-7	Beryllium	1.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-47-3	Chromium	8.3	35	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-50-8	Copper	8.3	15	100	08/09/05	6244	S6244A	25	P	PEICP1
7439-92-1	Lead	8.3	16	100	08/09/05	6244	S6244A	25	P	PEICP1
7439-97-6	Mercury	0.14	ND	167	08/09/05	6244	H6244S	23	CV	HGCV1
7440-02-0	Nickel	8.3	23	100	08/09/05	6244	S6244A	25	P	PEICP1
7782-49-2	Selenium	3.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-22-4	Silver	4.2	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-28-0	Thallium	2.0	ND	100	08/09/05	6244	S6244A	25	P	PEICP1
7440-66-6	Zinc	17	59	100	08/09/05	6244	S6244A	25	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-006	% Solid:	85	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-54 (0.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.4	3.0	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-38-2	Arsenic	2.4	27	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-39-3	Barium	12	83	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-41-7	Beryllium	0.71	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-43-9	Cadmium	0.71	0.83	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-47-3	Chromium	5.9	22	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-50-8	Copper	5.9	90	100	08/09/05	6244	S6244A	26	P	PEICP1
7439-92-1	Lead	5.9	240	100	08/09/05	6244	S6244A	26	P	PEICP1
7439-97-6	Mercury	0.098	ND	167	08/09/05	6244	H6244S	24	CV	HGCV1
7440-02-0	Nickel	5.9	19	100	08/09/05	6244	S6244A	26	P	PEICP1
7782-49-2	Selenium	2.1	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-22-4	Silver	2.9	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-28-0	Thallium	1.4	ND	100	08/09/05	6244	S6244A	26	P	PEICP1
7440-66-6	Zinc	12	260	100	08/09/05	6244	S6244A	26	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-007	% Solid:	73	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-54 (4.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.7	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-38-2	Arsenic	2.7	5.3	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-39-3	Barium	14	150	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-41-7	Beryllium	0.82	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-43-9	Cadmium	0.82	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-47-3	Chromium	6.8	49	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-50-8	Copper	6.8	120	100	08/09/05	6244	S6244A	29	P	PEICP1
7439-92-1	Lead	6.8	140	100	08/09/05	6244	S6244A	29	P	PEICP1
7439-97-6	Mercury	0.11	0.40	167	08/09/05	6244	H6244S	25	CV	HGCV1
7440-02-0	Nickel	6.8	19	100	08/09/05	6244	S6244A	29	P	PEICP1
7782-49-2	Selenium	2.5	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-22-4	Silver	3.4	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-28-0	Thallium	1.6	ND	100	08/09/05	6244	S6244A	29	P	PEICP1
7440-66-6	Zinc	14	90	100	08/09/05	6244	S6244A	29	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC18893-008	% Solid:	58	Lab Name:	Veritech	Nras No:	
Client Id:	PCSB-54 (11.5)	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	8/3/2005	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.4	20	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-38-2	Arsenic	3.4	11	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-39-3	Barium	17	110	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-41-7	Beryllium	1.0	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-43-9	Cadmium	1.0	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-47-3	Chromium	8.6	23	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-50-8	Copper	8.6	3700	100	08/09/05	6244	S6244A	30	P	PEICP1
7439-92-1	Lead	8.6	2200	100	08/09/05	6244	S6244A	30	P	PEICP1
7439-97-6	Mercury	0.14	ND	167	08/09/05	6244	H6244S	26	CV	HGCV1
7440-02-0	Nickel	8.6	35	100	08/09/05	6244	S6244A	30	P	PEICP1
7782-49-2	Selenium	3.1	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-22-4	Silver	4.3	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-28-0	Thallium	2.1	ND	100	08/09/05	6244	S6244A	30	P	PEICP1
7440-66-6	Zinc	17	960	100	08/09/05	6244	S6244A	30	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

Veritech Wet Chem Form 1 Summary

Lab #: AC18893-001

Lab #: AC18893-001 | Sample Matrix: Soil/Encore
Sample ID: PCSB-51 (0.5) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	95	Percent		1	8/4/05

Lab #: AC18893-002 | Sample Matrix: Soil/Encore
Sample ID: PCSB-51 (3) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	71	Percent		1	8/4/05

Lab #: AC18893-003 | Sample Matrix: Soil/Encore
Sample ID: PCSB-37 (0.5) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	90	Percent		1	8/4/05

Lab #: AC18893-004 | Sample Matrix: Soil/Encore
Sample ID: PCSB-37 (4.0) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	78	Percent		1	8/4/05

Lab #: AC18893-005 | Sample Matrix: Soil/Encore
Sample ID: PCSB-37 (10.5) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	60	Percent		1	8/4/05

Lab #: AC18893-006 | Sample Matrix: Soil/Encore
Sample ID: PCSB-54 (0.5) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	85	Percent		1	8/4/05

Lab #: AC18893-007 | Sample Matrix: Soil/Encore
Sample ID: PCSB-54 (4.5) | Date Received: 8/3/05

Test Group Name: % Solids SM2540G | Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	73	Percent		1	8/4/05

Veritech Wet Chem Form 1 Summary

Lab #: AC18893-008

Sample ID: PCSB-54 (11.5)

Lab #: AC18893-008

Sample Matrix: Soil/Encore

Date Received: 8/3/05

Test Group Name: % Solids SM2540G

Date Prepared:

Analyte	Concentration	Units	MDL/PQL	DF	Date Analyzed
% Solids	58	Percent		1	8/4/05

Chain of Custody Forms

9080308

Veritech, 175 Route 46 West, Fairfield, NJ 07004
A Division of HAMPTON-CLARKE, INC. NJDEPE # 14622

CHAIN OF CUSTODY RECORD

PHONE (800) 426-9992
FAX (973) 439-1458

5080308

CUSTOMER INFORMATION

CUSTOMER: PSTS
ADDRESS: 97 MT BLVD EST WALTER, NJ 07059
TELEPHONE: 732-554-0228
FAX: 732-271-4890
PROJECT: FORMER PHILADELPHIA COKE PLANT SITE
PROJECT MANAGER: JOHN PASTORICK
PROJECT LOCATION: PHILADELPHIA
STATE: PA
PO NUMBER/SDG: 2522-212-084

REPORT INFORMATION

SEND REPORT TO: PSTS (JOHN PASTORICK)
SEND INVOICE TO: PSTS (JOHN PASTORICK)

PROJECT INFORMATION

TURNAROUND (CONFIRM RUSH TAT'S WITH LAB)
- ☑ STANDARD (2 weeks)
- ☐ RUSH (please check below)
  - ☐ 24 HOURS (100%)
  - ☐ 48 HOURS (75%)
  - ☐ 72 HOURS (50%)
  - ☐ 1 WEEK (25%)
  - ☐ 10 DAYS (10%)

DELIVERABLES (PLEASE CHECK BOX) (PA)
- ☐ DATA SUMMARY
- ☒ FULL/CAT-B
- ☐ WASTE
- ☐ BUST
- ☐ NJ REDUCED
- ☐ CAT-A
- ☐ CLP

ELECTRONIC DELIVERABLES (PLEASE CHECK BOX)
- ☐ HAZSITE/CSV
- ☐ EXCEL-NJCC
- ☒ EQUIS
- ☐ EXCEL-NY TAGM
- ☐ CD ROM
- ☒ EXCEL-PA ACT II
- ☐ OTHER (specify)

ANALYTICAL REQUESTS

LAB SAMPLE NUMBER (LAB USE ONLY)	SAMPLE IDENTIFICATION	METHANOL BOTTLE #	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE: COMPOSITE (C)	SAMPLE TYPE: GRAB (G)	SAMPLE MATRIX	No. of Bottles: H2SO4	HNO3	HCL	NaOH	ZnAc+NaOH	Ascorbic	NONE	Methanol	Other	ANALYSIS
AC18893-001	PCSB-51 (0.5')	NA	8/1/05	1100		G	S							1		1	TCL VOC, SVOC, PP Metals, PCB, Pesticides
-002	PCSB-51 (3')			1110		G								1		1	TCL VOC, SVOC PP Metals
-003	PCSB-37 (0.5')			1300		G								1		1	TCL VOC, SVOC, PP Metals, PCB, Pesticides
-004	PCSB-37 (4.0')			1315		G								1		1	TCL VOC, SVOC, PP Metals
-005	PCSB-37 (10.5')			1335		G								1		1	TCL VOC, SVOC, PP Metals
-006	PCSB-54 (0.5')			1450		G								1		1	TCL VOC, SVOC, PP Metals, PCB, Pesticides
-007	PCSB-54 (4.5')			1500		G								1		1	TCL VOC, SVOC, PP Metals
-008	PCSB-54 (11.5')	↓	↓	1515		G								1		1	TCL VOC, SVOC, PP Metals

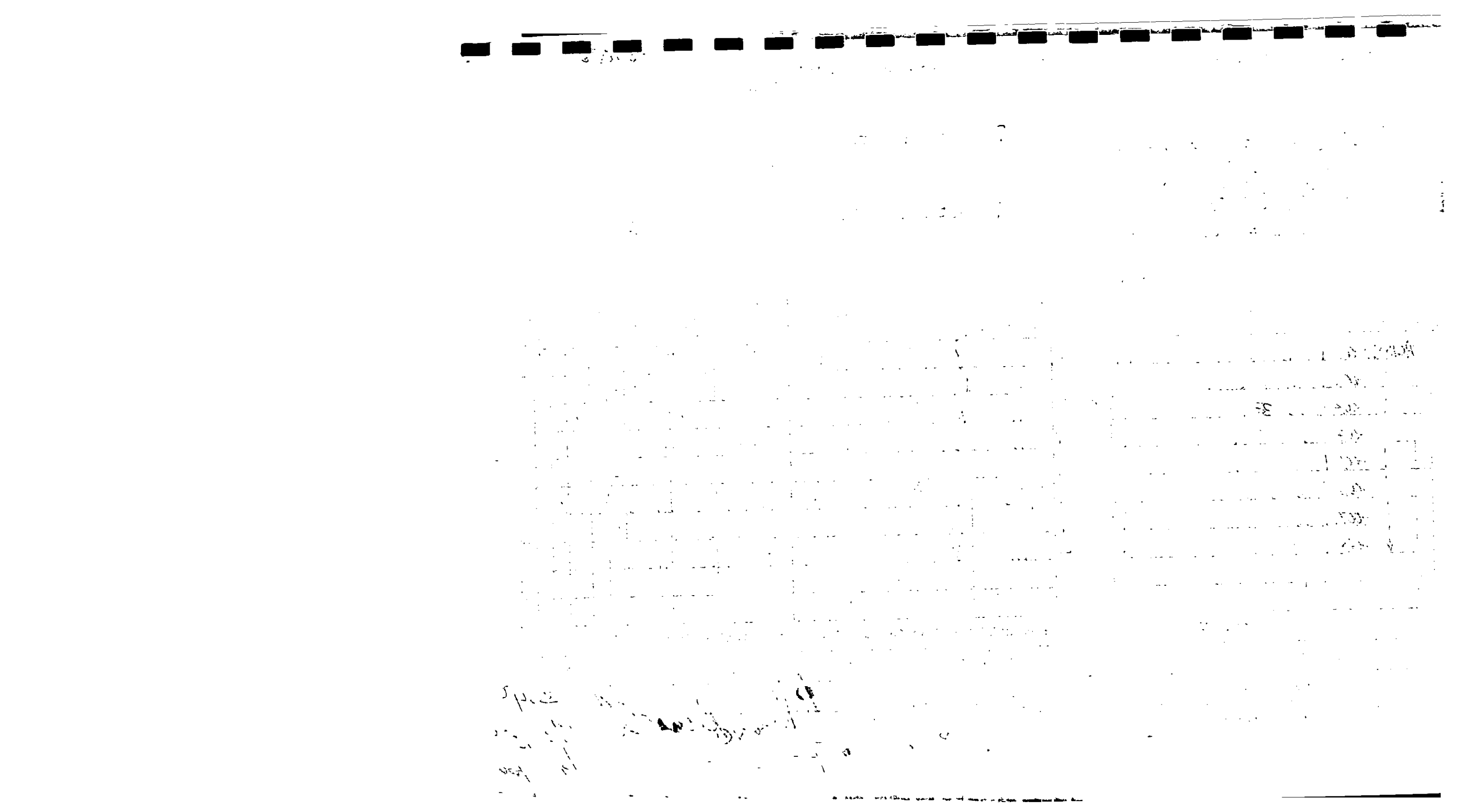
SAMPLER CERTIFIES THAT EACH SAMPLE RECEIVED PROPER FIELD PRESERVATION (IF REQUIRED) (INITIALS) PM

SAMPLE HAZARDS: FLAMMABLE ☐ SKIN IRRITANT ☐ NON-HAZARD ☐ UNKNOWN ☒ NOXIOUS FUMES ☐

SPECIAL INSTRUCTIONS:

TEMPERATURE UPON RECEIPT: 3.4°C

RELINQUISHED BY: Paul Mc AGENT OF: PSTS	DATE / TIME 8/3/05 1800	RECEIVED BY: John Brunell AGENT OF: A&E	DATE / TIME 8/3 1230
RELINQUISHED BY: John Brunell AGENT OF: A&E	DATE / TIME 8/3 1430	RECEIVED BY: AGENT OF:	DATE / TIME 8/5/05 1000



Veritech

Condition Upon Receipt

Date Received: 8/3/05 Filed By: FD

Client: PS+S Project/Account: Focus Philadelphia

Veritech Project #

INITIAL CONDITIONS

YES	NO		
✓		[1]	Is there a corresponding Chain of Custody included with the samples?
✓		[2]	Are the samples in a container such as a cooler or ice chest?
	✓	[3]	Are the custody seals intact? IF NO, please circle one of the following: missing broken N.A.
3.4 °C		[4]	Please specify the temperature inside the container.

SAMPLE INFORMATION

YES	NO		
✓		[5]	Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6]	Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples:
✓		[7]	Are all of the sample bottles intact? If NO, specify sample numbers below: broken: leaking:
✓		[8]	Are all of the sample labels or numbers legible? If NO, specify:
✓		[9]	Do the contents of the container match the COC? If NO, specify:
✓		[10]	Is there enough sample sent for the analyses listed on the COC? If NO, specify:
		[11]	Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12]	Are all soils preserved in methanol accompanied by dry soil?

OTHER

[13] Specify:

CORRECTIVE ACTIONS

NO.	ACTION

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC18893-001	08/04/05 10:18	DH	1	A	%SOLIDS
AC18893-001	08/04/05 14:19	R12	1	A	NONE
AC18893-001	08/08/05 14:49	KS	1	A	TDSI/TDSHG
AC18893-001	08/08/05 15:33	R12	1	A	NONE
AC18893-001	08/10/05 15:18	MSL	1	A	BN
AC18893-001	08/10/05 16:28	R12	1	A	NONE
AC18893-001	08/11/05 07:25	GN	1	A	PCB-S
AC18893-001	08/11/05 07:28	GN	1	A	PEST-S
AC18893-001	08/11/05 10:17	R12	1	A	NONE
AC18893-001	08/03/05 14:50	WP	2	M	VOA
AC18893-001	08/03/05 15:55	R3	2	M	NONE
AC18893-002	08/03/05 14:50	WP	1	M	VOA
AC18893-002	08/03/05 15:55	R3	1	M	NONE
AC18893-002	08/04/05 10:18	DH	2	A	%SOLIDS
AC18893-002	08/04/05 14:19	R12	2	A	NONE
AC18893-002	08/08/05 14:49	KS	2	A	TDSI/TDSHG
AC18893-002	08/08/05 15:33	R12	2	A	NONE
AC18893-002	08/11/05 15:51	AB	2	A	BN-S
AC18893-002	08/11/05 18:05	R12	2	A	NONE
AC18893-003	08/03/05 14:50	WP	1	M	VOA
AC18893-003	08/03/05 15:55	R3	1	M	NONE
AC18893-003	08/04/05 10:18	DH	2	A	%SOLIDS
AC18893-003	08/04/05 14:19	R12	2	A	NONE
AC18893-003	08/08/05 14:49	KS	2	A	TDSI/TDSHG
AC18893-003	08/08/05 15:33	R12	2	A	NONE
AC18893-003	08/11/05 07:25	GN	2	A	PCB-S
AC18893-003	08/11/05 07:28	GN	2	A	PEST-S
AC18893-003	08/11/05 10:17	R12	2	A	NONE
AC18893-003	08/11/05 15:51	AB	2	A	BN-S
AC18893-003	08/11/05 18:05	R12	2	A	NONE
AC18893-004	08/03/05 14:50	WP	1	M	VOA
AC18893-004	08/03/05 15:55	R3	1	M	NONE
AC18893-004	08/04/05 10:18	DH	2	A	%SOLIDS
AC18893-004	08/04/05 14:19	R12	2	A	NONE
AC18893-004	08/08/05 14:49	KS	2	A	TDSI/TDSHG
AC18893-004	08/08/05 15:33	R12	2	A	NONE
AC18893-004	08/11/05 15:51	AB	2	A	BN-S
AC18893-004	08/11/05 18:05	R12	2	A	NONE
AC18893-005	08/03/05 14:50	WP	1	M	VOA
AC18893-005	08/03/05 15:55	R3	1	M	NONE
AC18893-005	08/04/05 10:18	DH	2	A	%SOLIDS
AC18893-005	08/04/05 14:19	R12	2	A	NONE
AC18893-005	08/08/05 14:49	KS	2	A	TDSI/TDSHG
AC18893-005	08/08/05 15:33	R12	2	A	NONE
AC18893-005	08/11/05 15:51	AB	2	A	BN-S
AC18893-005	08/11/05 18:05	R12	2	A	NONE
AC18893-006	08/03/05 14:50	WP	1	M	VOA
AC18893-006	08/03/05 15:55	R3	1	M	NONE
AC18893-006	08/04/05 10:18	DH	2	A	%SOLIDS
AC18893-006	08/04/05 14:19	R12	2	A	NONE
AC18893-006	08/08/05 14:49	KS	2	A	TDSI/TDSHG
AC18893-006	08/08/05 15:33	R12	2	A	NONE
AC18893-006	08/11/05 07:25	GN	2	A	PCB-S
AC18893-006	08/11/05 07:28	GN	2	A	PEST-S
AC18893-006	08/11/05 10:17	R12	2	A	NONE
AC18893-006	08/14/05 08:01	GN	2	A	BNA-S
AC18893-006	08/14/05 13:43	R12	2	A	NONE
AC18893-007	08/04/05 10:18	DH	1	A	%SOLIDS
AC18893-007	08/04/05 14:19	R12	1	A	NONE
AC18893-007	08/08/05 14:49	KS	1	A	TDSI/TDSHG
AC18893-007	08/08/05 15:33	R12	1	A	NONE
AC18893-007	08/14/05 08:01	GN	1	A	BNA-S
AC18893-007	08/14/05 13:43	R12	1	A	NONE
AC18893-007	08/03/05 14:50	WP	2	M	VOA
AC18893-007	08/03/05 15:55	R3	2	M	NONE
AC18893-008	08/04/05 10:18	DH	1	A	%SOLIDS
AC18893-008	08/04/05 14:19	R12	1	A	NONE
AC18893-008	08/08/05 14:49	KS	1	A	TDSI/TDSHG
AC18893-008	08/08/05 15:33	R12	1	A	NONE
AC18893-008	08/14/05 08:01	GN	1	A	BNA-S
AC18893-008	08/14/05 13:43	R12	1	A	NONE
AC18893-008	08/03/05 14:50	WP	2	M	VOA
AC18893-008	08/03/05 15:55	R3	2	M	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
1M08408	DAILY BLANK	Soil	1		121	115	94	90		
1M08597	DAILY BLANK	Soil	1		110	108	85	93		
1M08421	AC18893-001	Soil	1		114	112	89	93		
1M08428	AC18893-002	Soil	1		118	111	86	98		
1M08422	AC18893-003	Soil	1		116	111	102	95		
1M08427	AC18893-004	Soil	1		112	107	95	94		
1M08423	AC18893-005	Soil	1		117	116	93	92		
1M08426	AC18893-006	Soil	1		115	110	96	93		
1M08424	AC18893-007	Soil	1		112	115	98	94		
1M08425	AC18893-008	Soil	1		117	111	92	86		
1M08600	MBS2508	Soil	1		104	93	96	88		
1M08601	AC18999-001(MS)	Soil	1		103	98	98	88		
1M08602	AC18999-001(MSD)	Soil	1		107	103	98	83		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	50-150
S2=1,2-Dichloroethane-d4	30	80-120
S3=Toluene-d8	30	81-117
S4=Bromofluorobenzene	30	74-121

FORM 3

Spike Recovery

Batch Number:	MBS2508	Mbs File:	1M08600.D
Mbs Name:	MBS2508	Non Spk'd File:	1M08579.D
Ns Name:	AC18999-001	Spike File:	1M08601.D
Ms Name:	AC18999-001(MS)	Spike Dup File:	1M08602.D
Msd Name:	AC18999-001(MS	Matrix:	Soil
		Method:	8260

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
1,1-Dichloroethene	1	0	50	59	172	22	45.59	0.00	38.05	40.20	91	76	80	5.5
Trichloroethene	1	0	50	62	137	24	48.98	0.00	36.58	39.64	98	73	79	8
Benzene	1	0	50	66	142	21	47.08	0.00	35.24	39.93	94	70	80	12
Toluene	1	0	50	59	139	21	45.29	0.00	35.22	37.37	91	70	75	5.9
Chlorobenzene	1	0	50	60	133	21	45.61	0.00	33.32	36.19	91	67	72	8.3

Note:

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

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

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M08408.D
Matrix: Soil

Blank Analysis Date: 08/03/05 15:01
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC18893-001	1M08421.D	08/03/05 20:21
AC18893-002	1M08428.D	08/03/05 23:12
AC18893-003	1M08422.D	08/03/05 20:45
AC18893-004	1M08427.D	08/03/05 22:47
AC18893-005	1M08423.D	08/03/05 21:10
AC18893-006	1M08426.D	08/03/05 22:23
AC18893-007	1M08424.D	08/03/05 21:34
AC18893-008	1M08425.D	08/03/05 21:58

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M08597.D
Matrix: Soil

Blank Analysis Date: 08/10/05 10:54
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC18999-001(MS	1M08602.D	08/10/05 12:57
AC18999-001(MS)	1M08601.D	08/10/05 12:32
MBS2508	1M08600.D	08/10/05 12:08

Form 5

Tune Name: BFB TUNE **Data File:** 1M08400.D
Instrument: GCMS_1 **Analysis Date:** 08/03/05 11:46

Tune Scan/Time Range: Scan 656

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.6	35640	PASS
75	95	30	60	46.8	70672	PASS
95	95	100	100	100.0	151104	PASS
96	95	5	9	7.9	11895	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.3	121264	PASS
175	174	5	9	7.3	8793	PASS
176	174	95	101	99.4	120544	PASS
177	176	5	9	8.6	10356	PASS

Data File	Sample Number	Analysis Date:
1M08401.D	CAL @ 500 PPB	08/03/05 12:09
1M08402.D	CAL @ 100 PPB	08/03/05 12:34
1M08403.D	CAL @ 50 PPB	08/03/05 12:58
1M08404.D	CAL @ 20 PPB	08/03/05 13:23
1M08405.D	CAL @ 10 PPB	08/03/05 13:47
1M08406.D	CAL @ 5 PPB	08/03/05 14:12
1M08407.D	CAL @ 1 PPB	08/03/05 14:37
1M08408.D	DAILY BLANK	08/03/05 15:01
1M08409.D	BLK	08/03/05 15:26
1M08410.D	AC18891-001	08/03/05 15:50
1M08411.D	AC18891-006	08/03/05 16:15
1M08412.D	AC18891-002	08/03/05 16:39
1M08413.D	AC18891-003	08/03/05 17:04
1M08414.D	AC18891-004	08/03/05 17:29
1M08415.D	AC18891-005	08/03/05 17:53
1M08416.D	AC18891-007	08/03/05 18:18
1M08417.D	AC18891-008	08/03/05 18:42
1M08418.D	AC18891-009	08/03/05 19:07
1M08419.D	AC18891-010	08/03/05 19:31
1M08420.D	AC18891-011	08/03/05 19:56
1M08421.D	AC18893-001	08/03/05 20:21
1M08422.D	AC18893-003	08/03/05 20:45
1M08423.D	AC18893-005	08/03/05 21:10
1M08424.D	AC18893-007	08/03/05 21:34
1M08425.D	AC18893-008	08/03/05 21:58
1M08426.D	AC18893-006	08/03/05 22:23
1M08427.D	AC18893-004	08/03/05 22:47
1M08428.D	AC18893-002	08/03/05 23:12
1M08429.D	BLK	08/03/05 23:36
1M08430.D	BLK	08/04/05 00:01
1M08431.D	BLK	08/04/05 00:25
1M08432.D	BLK	08/04/05 00:50
1M08433.D	BLK	08/04/05 01:14
1M08434.D	BLK	08/04/05 01:38

Form 5

Tune Name: BFB TUNE
Instrument: GCMS_1
Data File: 1M08441.D
Analysis Date: 08/04/05 11:15

Tune Scan/Time Range: Scan 656

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.1	29064	PASS
75	95	30	60	52.3	58232	PASS
95	95	100	100	100.0	111384	PASS
96	95	5	9	8.3	9254	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.5	90784	PASS
175	174	5	9	7.8	7056	PASS
176	174	95	101	99.0	89832	PASS
177	176	5	9	6.7	5987	PASS

Data File	Sample Number	Analysis Date:
1M08442.D	CAL @ 500 PPB	08/04/05 11:30
1M08443.D	CAL @ 100 PPB	08/04/05 11:54
1M08444.D	CAL @ 50 PPB	08/04/05 12:19
1M08445.D	CAL @ 20 PPB	08/04/05 12:43
1M08446.D	CAL @ 10 PPB	08/04/05 13:08
1M08447.D	CAL @ 5 PPB	08/04/05 13:32
1M08448.D	CAL @ 1 PPB	08/04/05 13:57
1M08449.D	DAILY BLANK	08/04/05 14:21
1M08450.D	AC18891-013	08/04/05 14:46
1M08451.D	AC18891-012	08/04/05 15:11
1M08452.D	AC18891-014	08/04/05 15:35

Form 5

Tune Name: BFB TUNE **Data File:** 1M08594.D
Instrument: GCMS_1 **Analysis Date:** 08/10/05 09:31

Tune Scan/Time Range: Scan 657

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	32912	PASS
75	95	30	60	51.2	68896	PASS
95	95	100	100	100.0	134656	PASS
96	95	5	9	7.9	10688	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	84.6	113928	PASS
175	174	5	9	7.5	8566	PASS
176	174	95	101	98.8	112568	PASS
177	176	5	9	7.2	8150	PASS

Data File	Sample Number	Analysis Date:
1M08595.D	CAL @ 50 PPB	08/10/05 09:51
1M08596.D	BLK	08/10/05 10:30
1M08597.D	DAILY BLANK	08/10/05 10:54
1M08598.D	AC18999-003	08/10/05 11:19
1M08599.D	BLK	08/10/05 11:43
1M08600.D	MBS2508	08/10/05 12:08
1M08601.D	AC18999-001(MS)	08/10/05 12:32
1M08602.D	AC18999-001(MS	08/10/05 12:57
1M08603.D	BLK	08/10/05 16:42
1M08604.D	BLK	08/10/05 17:06

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M08404.D

Analysis Date/Time: 08/03/05 13:23

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	297344	6.96	236394	9.82	149869	11.60						
Eval File Area Limit:	148672-594688		118197-472788		74934-299738							
Eval File Rt Limit:	6.46-7.46		9.32-10.32		11.1-12.1							

Data File	Sample#						
1M08401	CAL @ 500 P	296100	6.96	216261	9.81	121451	11.60
1M08402	CAL @ 100 P	291064	6.96	228323	9.81	137628	11.60
1M08403	CAL @ 50 PP	295578	6.96	233226	9.82	146863	11.60
1M08404	CAL @ 20 PP	297344	6.96	236394	9.82	149869	11.60
1M08405	CAL @ 10 PP	294148	6.96	233672	9.82	150842	11.60
1M08406	CAL @ 5 PPB	287460	6.96	234356	9.82	149197	11.60
1M08407	CAL @ 1 PPB	276368	6.96	229241	9.81	148800	11.60
1M08408	DAILY BLANK	258859	6.96	215633	9.82	131438	11.60
1M08409	BLK	257436	6.96	209870	9.81	127256	11.60
1M08410	AC18891-001	259072	6.96	209522	9.81	108327	11.60
1M08411	AC18891-006	266761	6.96	214317	9.81	133359	11.59
1M08412	AC18891-002	260039	6.96	193845	9.81	83306	11.60
1M08413	AC18891-003	260388	6.96	213322	9.81	122900	11.60
1M08414	AC18891-004	259604	6.96	205399	9.81	119546	11.60
1M08415	AC18891-005	263105	6.96	217568	9.82	127489	11.61
1M08416	AC18891-007	263674	6.95	211436	9.81	126778	11.60
1M08417	AC18891-008	259972	6.95	212205	9.81	120168	11.60
1M08418	AC18891-009	261287	6.95	227307	9.81	131160	11.60
1M08419	AC18891-010	262632	6.95	215851	9.81	125425	11.60
1M08420	AC18891-011	261444	6.95	220207	9.81	122186	11.60
1M08421	AC18893-001	271489	6.95	223694	9.81	127570	11.60
1M08422	AC18893-003	250875	6.95	181493	9.81	93517	11.60
1M08423	AC18893-005	251894	6.95	206770	9.81	130914	11.60
1M08424	AC18893-007	244529	6.95	189937	9.81	110181	11.60
1M08425	AC18893-008	237180	6.96	188548	9.81	111151	11.60
1M08426	AC18893-006	226061	6.96	175367	9.81	93356	11.60
1M08427	AC18893-004	229660	6.96	181877	9.82	107086	11.60
1M08428	AC18893-002	222480	6.96	202103	9.82	119441	11.60
1M08429	BLK	240038	6.96	199574	9.82	119910	11.60
1M08430	BLK	235637	6.96	196474	9.82	120943	11.61
1M08431	BLK	245614	6.96	196931	9.81	118275	11.60
1M08432	BLK	244994	6.96	188979	9.82	115648	11.60
1M08433	BLK	241838	6.96	199802	9.82	117998	11.61
1M08434	BLK	243334	6.96	194717	9.82	118591	11.61

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M08445.D

Analysis Date/Time: 08/04/05 12:43

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	289751	6.96	232279	9.81	153674	11.60						
Eval File Area Limit:	144876-579502		116140-464558		76837-307348							
Eval File Rt Limit:	6.46-7.46		9.31-10.31		11.1-12.1							

Data File	Sample#						
1M08442	CAL @ 500 P	295181	6.96	215859	9.82	122957	11.60
1M08443	CAL @ 100 P	292086	6.95	240984	9.81	146336	11.60
1M08444	CAL @ 50 PP	297344	6.96	246910	9.81	148378	11.60
1M08445	CAL @ 20 PP	289751	6.96	232279	9.81	153674	11.60
1M08446	CAL @ 10 PP	281991	6.96	232149	9.81	152818	11.60
1M08447	CAL @ 5 PPB	280548	6.96	230477	9.81	152560	11.61
1M08448	CAL @ 1 PPB	267880	6.96	234518	9.82	140964	11.61
1M08449	DAILY BLAN	258044	6.96	215682	9.82	129500	11.61
1M08450	AC18891-013	252166	6.96	211839	9.82	120755	11.61
1M08451	AC18891-012	206126	6.97	167581	9.82	94667	11.61
1M08452	AC18891-014	257021	6.96	212295	9.81	122873	11.61

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M08595.D

Analysis Date/Time: 08/10/05 09:51

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	264541	6.96	215929	9.81	136052	11.61						
Eval File Area Limit:	132270-529082		107964-431858		68026-272104							
Eval File Rt Limit:	6.46-7.46		9.31-10.31		11.11-12.11							

Data File	Sample#						
1M08596	BLK	239861	6.96	200578	9.81	118465	11.60
1M08597	DAILY BLANK	237122	6.96	213570	9.81	122601	11.60
1M08598	AC18999-003	196978	6.97	181449	9.82	102976	11.61
1M08599	BLK	238123	6.97	208619	9.82	121393	11.61
1M08600	MBS2508	262452	6.97	229055	9.82	141680	11.60
1M08601	AC18999-001(	258214	6.97	216210	9.82	136218	11.61
1M08602	AC18999-001(	256179	6.97	220815	9.82	143344	11.61
1M08603	BLK	224406	6.97	196273	9.82	115150	11.61
1M08604	BLK	233809	6.97	196416	9.82	105644	11.61

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

MDL STUDY

Compound:	Instrument ID:>	GCMS_1				
	Effective Date:>	2/24/2005				
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,1,1-Trichloroethane		0.24909				
1,1,2,2-Tetrachloroethane		0.57551				
1,1,2-Trichloroethane		0.55808				
1,1-Dichloroethane		0.75687				
1,1-Dichloroethene		0.39980				
1,2-Dichloroethane		0.39148				
1,2-Dichloropropane		0.56266				
2-Butanone		0.77974				
2-Chloroethylvinylether		0.76730				
2-Hexanone		0.47473				
4-Methyl-2-Pentanone		0.71842				
Acetone		5.31043				
Acrolein		3.31954				
Acrylonitrile		0.65322				
Benzene		0.50966				
Bromodichloromethane		0.41527				
Bromoform		0.71596				
Bromomethane		0.93125				
Carbon disulfide		0.65008				
Carbon tetrachloride		0.84836				
Chlorobenzene		0.50279				
Chloroethane		1.02512				
Chloroform		0.45345				
Chloromethane		0.79154				
Cis-1,2-Dichloroethene		0.47656				
Cis-1,3-Dichloropropene		0.45722				
Dibromochloromethane		0.55736				
Ethylbenzene		0.74607				
M&p-Xylenes		1.10123				
Methylene chloride		1.44981				
O-Xylene		0.46784				
Styrene		0.62039				
Tetrachloroethene		0.90174				
Toluene		0.75382				
Trans-1,2-Dichloroethene		0.31920				
Trans-1,3-Dichloropropene		0.57395				
Trichloroethene		0.61099				
Vinyl chloride		0.71296				

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-001
Client Id: PCSB-51 (0.5)
Data File: 1M08421.D
Analysis Date: 08/03/05 20:21
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00026	U	56-23-5	Carbon Tetrachloride	0.00089	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00061	U	108-90-7	Chlorobenzene	0.00053	U
79-00-5	1,1,2-Trichloroethane	0.00059	U	75-00-3	Chloroethane	0.0011	U
75-34-3	1,1-Dichloroethane	0.00080	U	67-66-3	Chloroform	0.00048	U
75-35-4	1,1-Dichloroethene	0.00042	U	74-87-3	Chloromethane	0.00083	U
107-06-2	1,2-Dichloroethane	0.00041	U	156-59-2	cis-1,2-Dichloroethene	0.00050	U
78-87-5	1,2-Dichloropropane	0.00059	U	10061-01-5	cis-1,3-Dichloropropene	0.00048	U
78-93-3	2-Butanone	0.00082	U	124-48-1	Dibromochloromethane	0.00059	U
110-75-8	2-Chloroethylvinylether	0.00081	U	100-41-4	Ethylbenzene	0.00079	U
591-78-6	2-Hexanone	0.00050	U	1330-20-7	m&p-Xylenes	0.0012	U
108-10-1	4-Methyl-2-Pentanone	0.00076	U	**75-09-2**	**Methylene Chloride**	**0.0015**	**0.0026 B**
67-64-1	Acetone	0.0056	U	95-47-6	o-Xylene	0.00049	U
107-02-8	Acrolein	0.0035	U	100-42-5	Styrene	0.00065	U
107-13-1	Acrylonitrile	0.00069	U	127-18-4	Tetrachloroethene	0.00095	U
71-43-2	Benzene	0.00054	U	108-88-3	Toluene	0.00079	U
75-27-4	Bromodichloromethane	0.00044	U	156-60-5	trans-1,2-Dichloroethene	0.00034	U
75-25-2	Bromoform	0.00075	U	10061-02-6	trans-1,3-Dichloropropene	0.00060	U
74-83-9	Bromomethane	0.00098	U	79-01-6	Trichloroethene	0.00064	U
75-15-0	Carbon Disulfide	0.00068	U	75-01-4	Vinyl Chloride	0.00075	U

Worksheet #: 18363

Total Target Concentration 0.0026

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_1\DATA\08-03-05\1M08421.D Vial: 25
Acq On : 3 Aug 2005 20:21 Operator: DB
Sample : AC18893-001 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:56 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

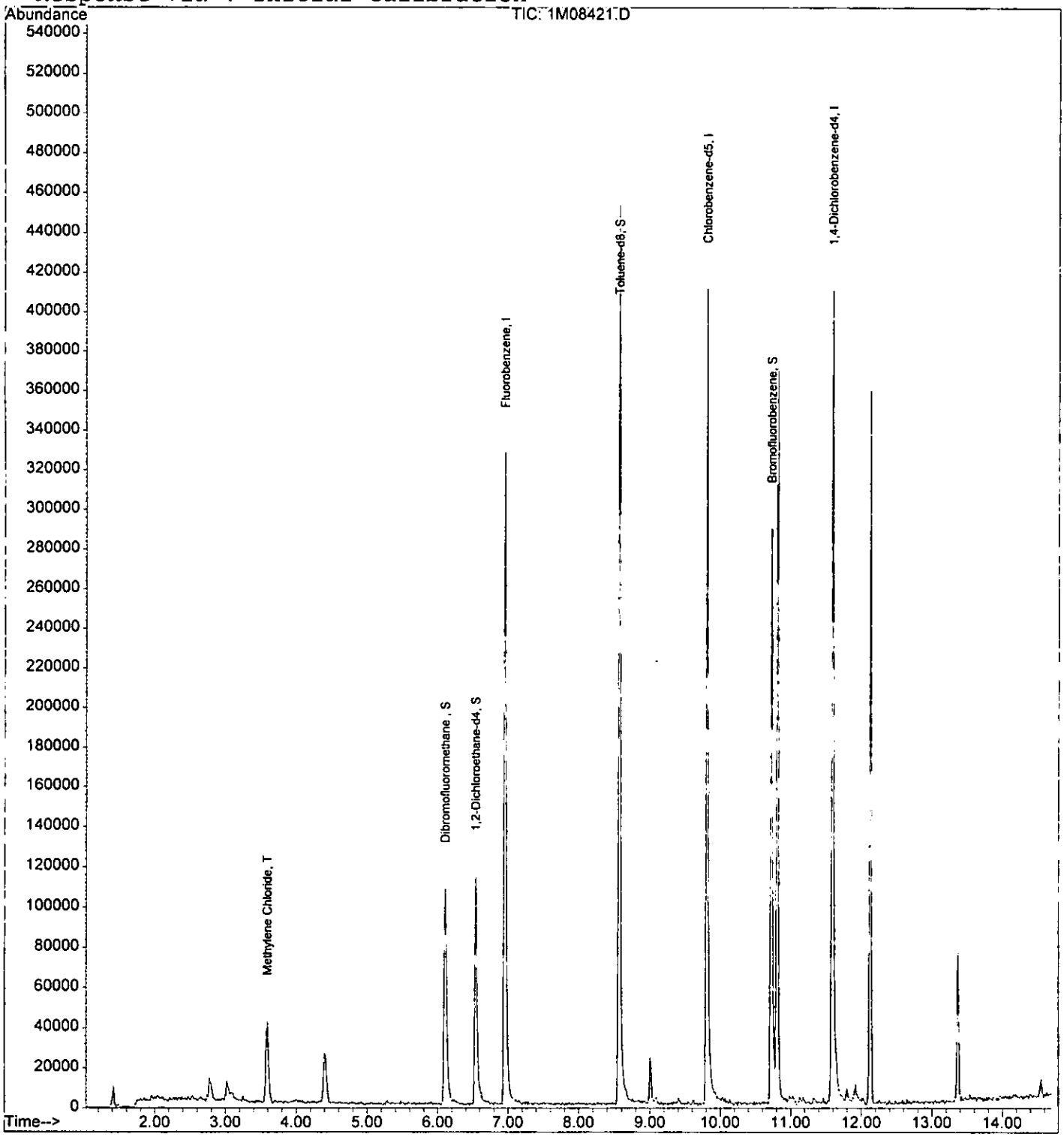
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.95	96	271489	30.00	ug/l	-0.03
39) Chlorobenzene-d5	9.81	117	223694	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	127570	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.11	111	85889	34.32	ug/l	-0.03
Spiked Amount 30.000			Recovery = 114.40%			
28) 1,2-Dichloroethane-d4	6.54	67	49541	33.72	ug/l	-0.03
Spiked Amount 30.000			Recovery = 112.40%			
50) Toluene-d8	8.57	98	274203	26.79	ug/l	-0.02
Spiked Amount 30.000			Recovery = 89.30%			
58) Bromofluorobenzene	10.73	174	94593	27.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.13%			
Target Compounds						Qvalue
8) Methylene Chloride	3.59	84	19324	2.45	ug/l	78

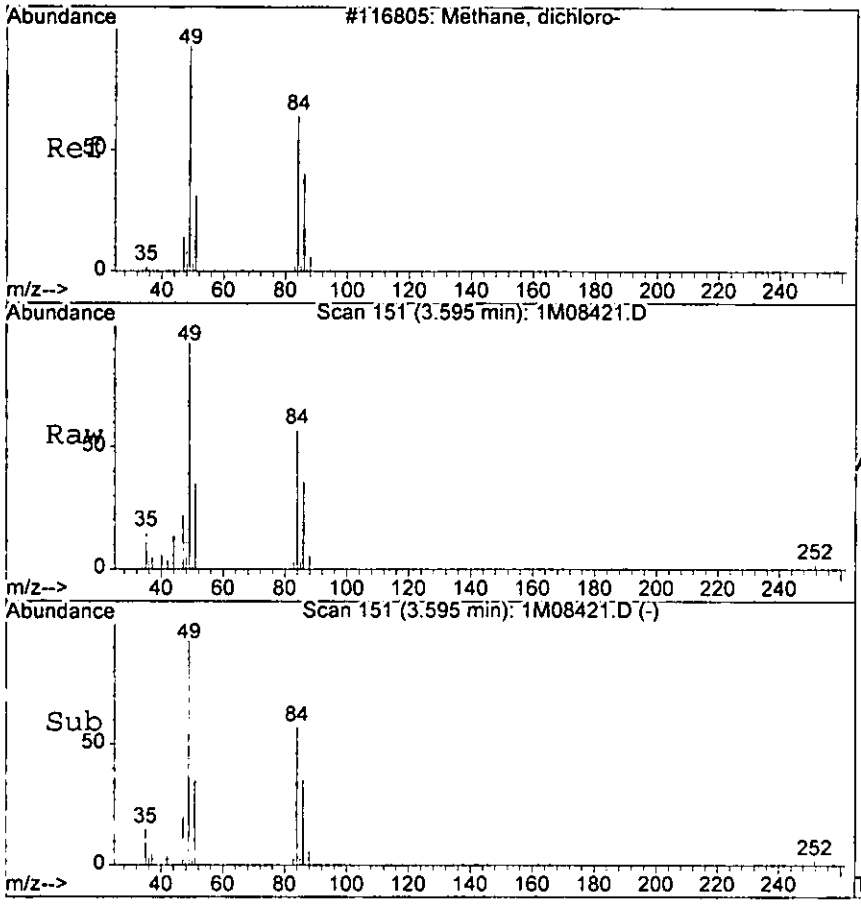
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08421.D Vial: 25
Acq On : 3 Aug 2005 20:21 Operator: DB
Sample : AC18893-001 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:56 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

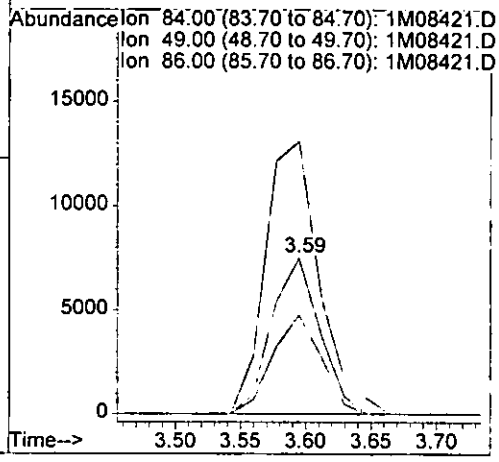




#8
Methylene Chloride
Concen: 2.45 ug/l
RT: 3.59 min Scan# 151
Delta R.T. -0.03 min
Lab File: 1M08421.D
Acq: 3 Aug 2005 20:21

Tgt Ion: 84 Resp: 19324

Ion	Ratio	Lower	Upper
84	100		
49	174.8	132.2	308.4
86	63.6	37.3	87.1



Lot 15

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-002
Client Id: PCSB-51 (3)
Data File: 1M08428.D
Analysis Date: 08/03/05 23:12
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 71

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00035	U	56-23-5	Carbon Tetrachloride	0.0012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00081	U	108-90-7	Chlorobenzene	0.00071	U
79-00-5	1,1,2-Trichloroethane	0.00079	U	75-00-3	Chloroethane	0.0014	U
75-34-3	1,1-Dichloroethane	0.0011	U	67-66-3	Chloroform	0.00064	U
75-35-4	1,1-Dichloroethene	0.00056	U	74-87-3	Chloromethane	0.0011	U
107-06-2	1,2-Dichloroethane	0.00055	U	156-59-2	cis-1,2-Dichloroethene	0.00067	U
78-87-5	1,2-Dichloropropane	0.00079	U	10061-01-5	cis-1,3-Dichloropropene	0.00064	U
78-93-3	2-Butanone	0.0011	U	124-48-1	Dibromochloromethane	0.00079	U
110-75-8	2-Chloroethylvinylether	0.0011	U	100-41-4	Ethylbenzene	0.0011	U
591-78-6	2-Hexanone	0.00067	U	1330-20-7	m&p-Xylenes	0.0016	U
108-10-1	4-Methyl-2-Pentanone	0.0010	U	**75-09-2**	**Methylene Chloride**	**0.0020**	**0.0038 B**
67-64-1	**Acetone**	**0.0075**	**0.050**	95-47-6	o-Xylene	0.00066	U
107-02-8	Acrolein	0.0047	U	100-42-5	Styrene	0.00087	U
107-13-1	Acrylonitrile	0.00092	U	127-18-4	Tetrachloroethene	0.0013	U
71-43-2	Benzene	0.00072	U	108-88-3	Toluene	0.0011	U
75-27-4	Bromodichloromethane	0.00058	U	156-60-5	trans-1,2-Dichloroethene	0.00045	U
75-25-2	Bromoform	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.00081	U
74-83-9	Bromomethane	0.0013	U	79-01-6	Trichloroethene	0.00086	U
75-15-0	Carbon Disulfide	0.00092	U	75-01-4	Vinyl Chloride	0.0010	U

Worksheet #: 18363

Total Target Concentration 0.0538

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_1\DATA\08-03-05\1M08428.D Vial: 32
Acq On : 3 Aug 2005 23:12 Operator: DB
Sample : AC18893-002 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:56 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

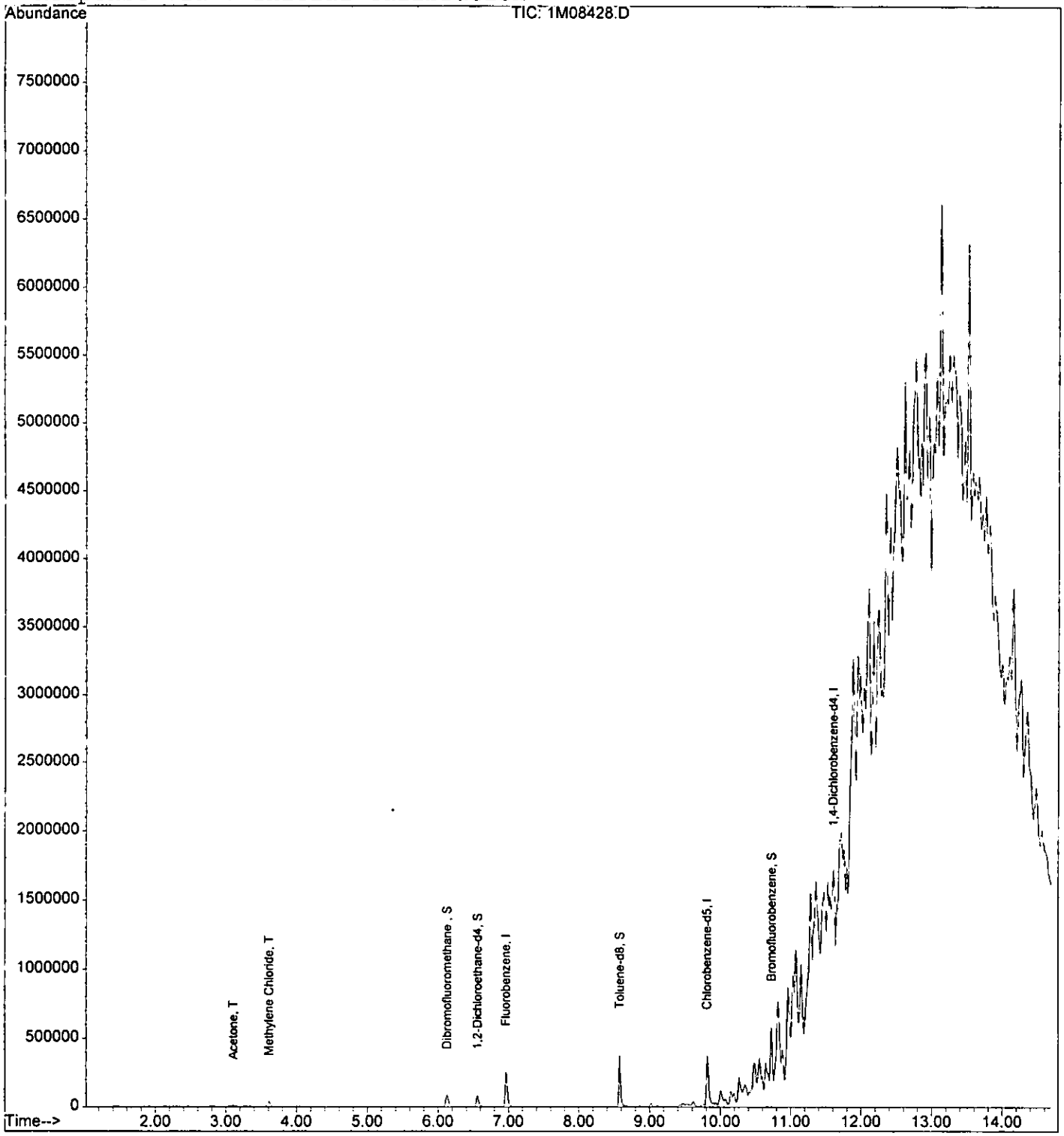
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	222480	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	202103	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	119441	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	72857	35.53	ug/l	0.00
Spiked Amount 30.000			Recovery = 118.43%			
28) 1,2-Dichloroethane-d4	6.56	67	39982	33.21	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.70%			
50) Toluene-d8	8.58	98	238080	25.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 85.80%			
58) Bromofluorobenzene	10.73	174	92957	29.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.77%			
Target Compounds						Qvalue
8) Methylene Chloride	3.61	84	17534	2.71	ug/l	84
12) Acetone	3.11	43	19945m	35.48	ug/l	

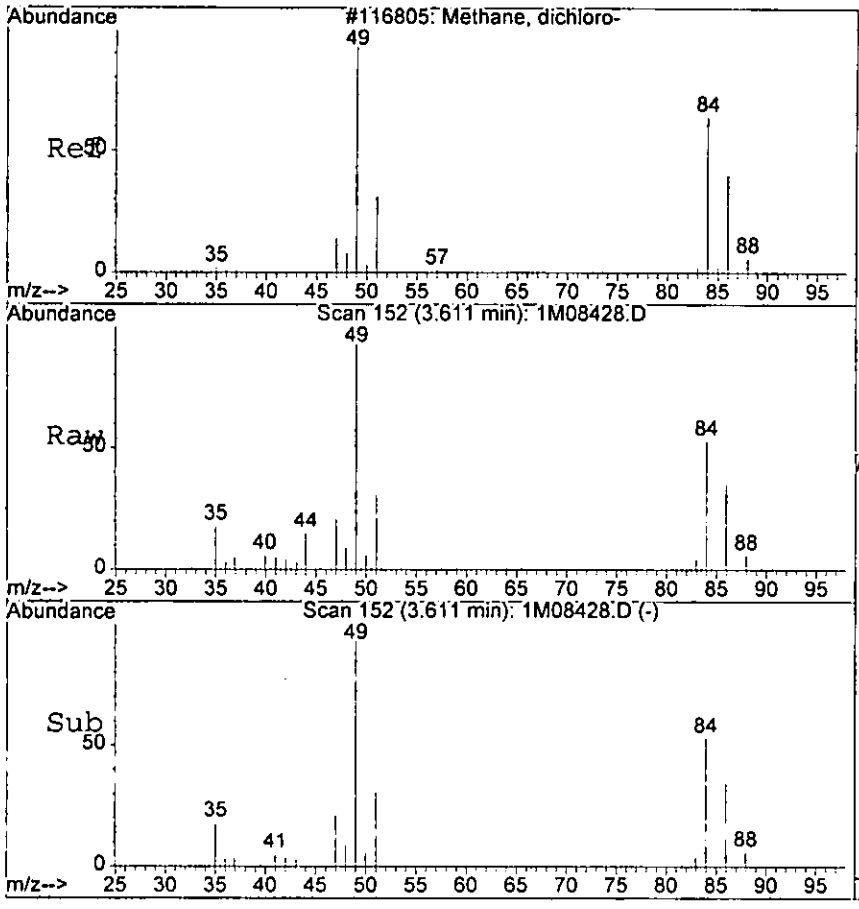
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08428.D Vial: 32
Acq On : 3 Aug 2005 23:12 Operator: DB
Sample : AC18893-002 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:56 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

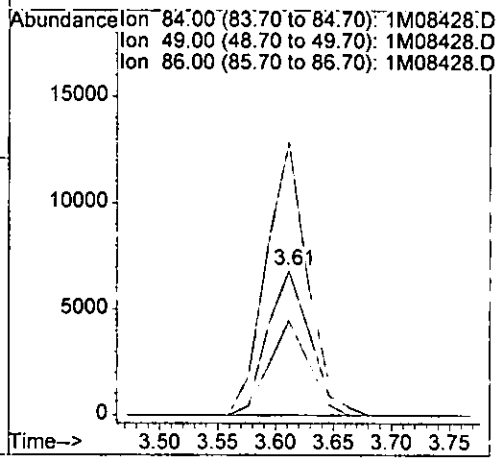


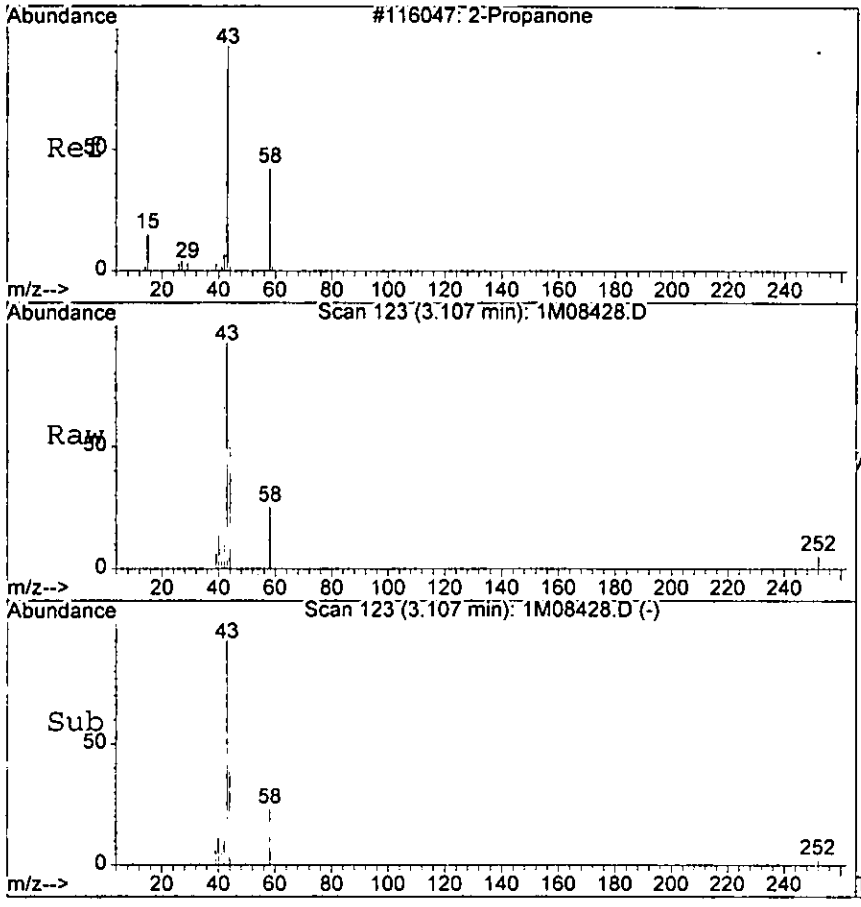


#8
Methylene Chloride
Concen: 2.71 ug/l
RT: 3.61 min Scan# 152
Delta R.T. -0.02 min
Lab File: 1M08428.D
Acq: 3 Aug 2005 23:12

Tgt Ion: 84 Resp: 17534

Ion	Ratio	Lower	Upper
84	100		
49	188.7	132.2	308.4
86	65.7	37.3	87.1

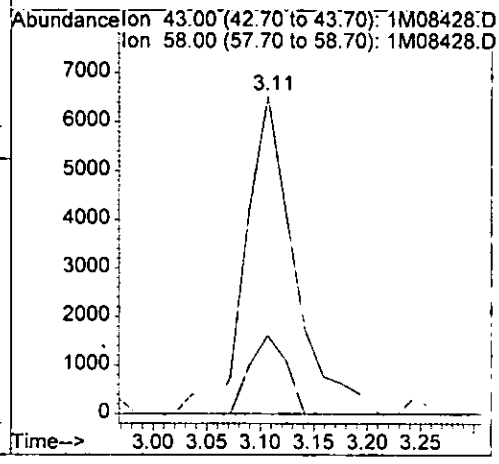




#12
Acetone
Concen: 35.48 ug/l m
RT: 3.11 min Scan# 123
Delta R.T. -0.02 min
Lab File: 1M08428.D
Acq: 3 Aug 2005 23:12

Tgt Ion: 43 Resp: 19945

Ion	Ratio	Lower	Upper
43	100		
58	24.8	0.0	55.0



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-003
Client Id: PCSB-37 (0.5)
Data File: 1M08422.D
Analysis Date: 08/03/05 20:45
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00028	U	56-23-5	Carbon Tetrachloride	0.00094	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00064	U	108-90-7	Chlorobenzene	0.00056	U
79-00-5	1,1,2-Trichloroethane	0.00062	U	75-00-3	Chloroethane	0.0011	U
75-34-3	1,1-Dichloroethane	0.00084	U	67-66-3	Chloroform	0.00050	U
75-35-4	1,1-Dichloroethene	0.00044	U	74-87-3	Chloromethane	0.00088	U
107-06-2	1,2-Dichloroethane	0.00043	U	156-59-2	cis-1,2-Dichloroethene	0.00053	U
78-87-5	1,2-Dichloropropane	0.00063	U	10061-01-5	cis-1,3-Dichloropropene	0.00051	U
78-93-3	2-Butanone	0.00087	U	124-48-1	Dibromochloromethane	0.00062	U
110-75-8	2-Chloroethylvinylether	0.00085	U	100-41-4	Ethylbenzene	0.00083	U
591-78-6	2-Hexanone	0.00053	U	1330-20-7	m&p-Xylenes	0.0012	U
108-10-1	4-Methyl-2-Pentanone	0.00080	U	**75-09-2**	**Methylene Chloride**	**0.0016**	**0.0023 B**
67-64-1	Acetone	0.0059	U	95-47-6	o-Xylene	0.00052	U
107-02-8	Acrolein	0.0037	U	100-42-5	Styrene	0.00069	U
107-13-1	Acrylonitrile	0.00073	U	127-18-4	Tetrachloroethene	0.0010	U
71-43-2	Benzene	0.00057	U	108-88-3	Toluene	0.00084	U
75-27-4	Bromodichloromethane	0.00046	U	156-60-5	trans-1,2-Dichloroethene	0.00035	U
75-25-2	Bromoform	0.00080	U	10061-02-6	trans-1,3-Dichloropropene	0.00064	U
74-83-9	Bromomethane	0.0010	U	79-01-6	Trichloroethene	0.00068	U
75-15-0	Carbon Disulfide	0.00072	U	75-01-4	Vinyl Chloride	0.00079	U

Worksheet #: 18363

Total Target Concentration 0.0023

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_1\DATA\08-03-05\1M08422.D Vial: 26
Acq On : 3 Aug 2005 20:45 Operator: DB
Sample : AC18893-003 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:57 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

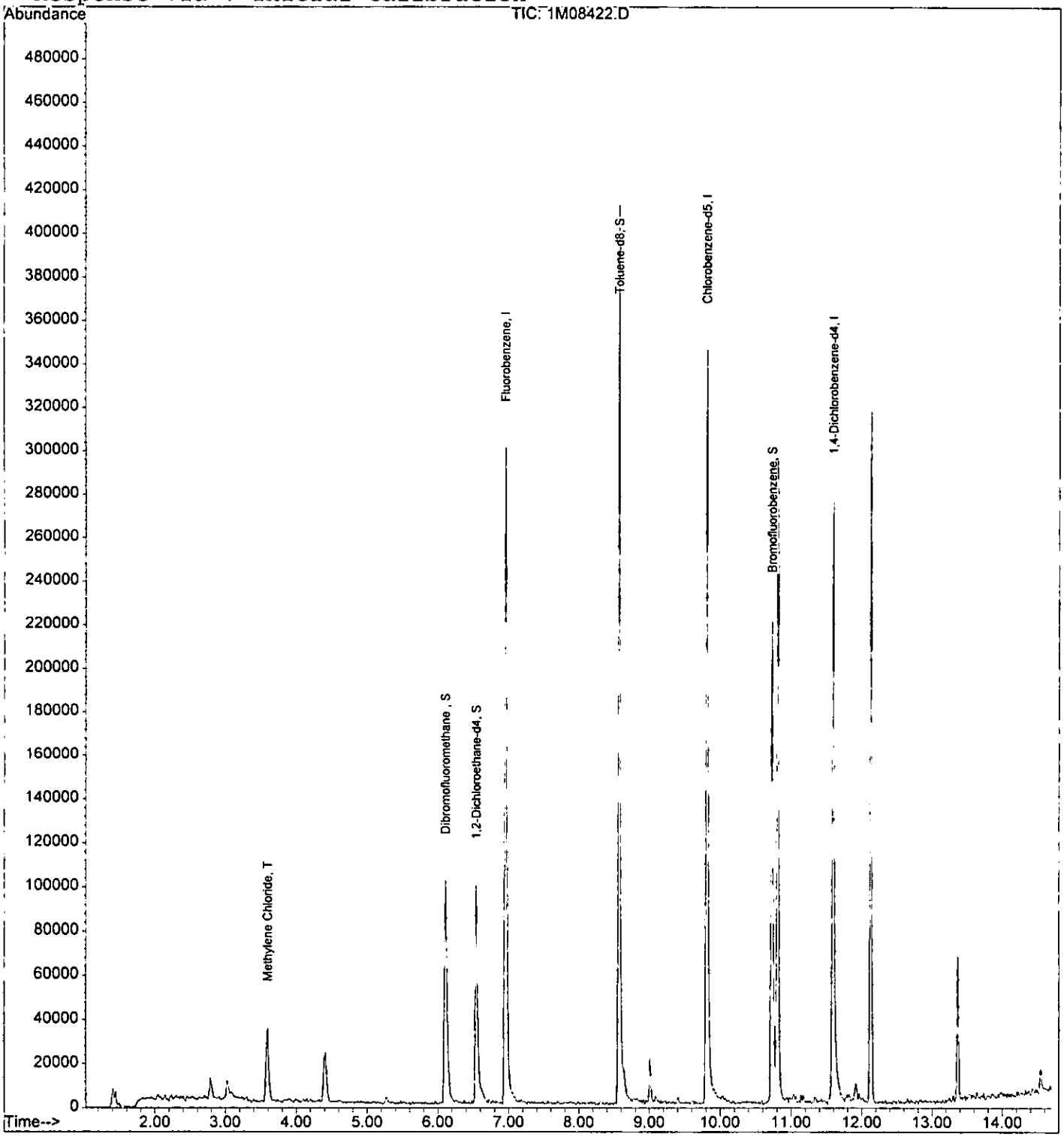
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.95	96	250875	30.00	ug/l	-0.03
39) Chlorobenzene-d5	9.81	117	181493	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	93517	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.11	111	80341	34.74	ug/l	-0.03
Spiked Amount 30.000			Recovery = 115.80%			
28) 1,2-Dichloroethane-d4	6.54	67	45054	33.19	ug/l	-0.03
Spiked Amount 30.000			Recovery = 110.63%			
50) Toluene-d8	8.57	98	254493	30.64	ug/l	-0.02
Spiked Amount 30.000			Recovery = 102.13%			
58) Bromofluorobenzene	10.73	174	70636	28.46	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.87%			
Target Compounds						Qvalue
8) Methylene Chloride	3.59	84	15105	2.07	ug/l	85

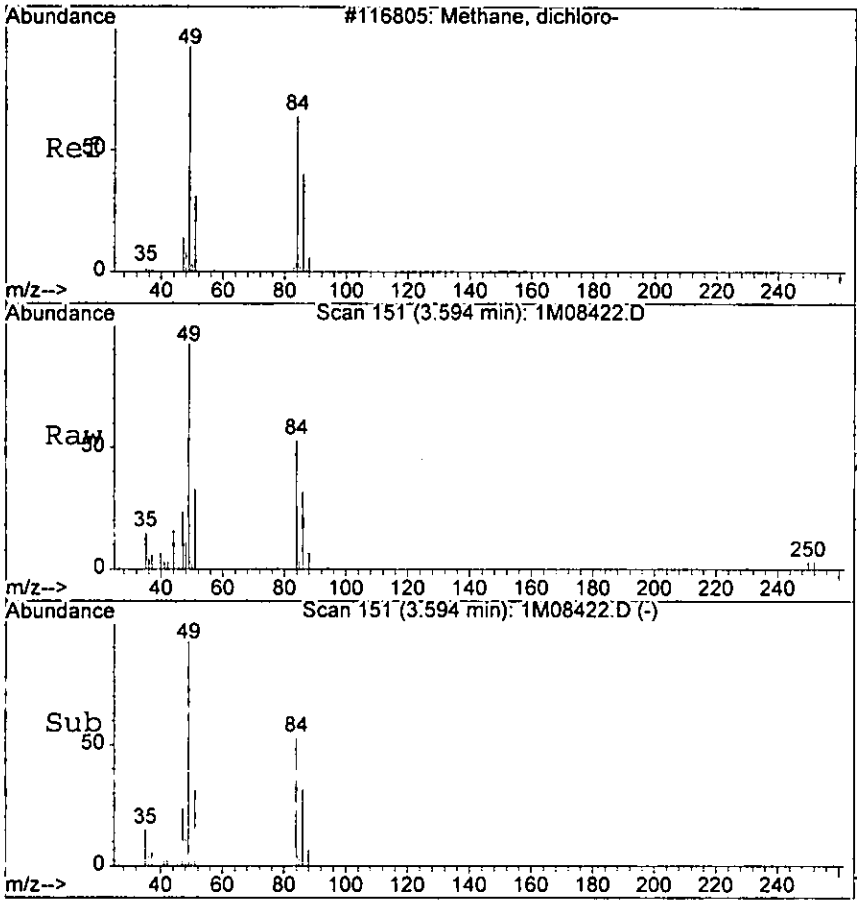
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08422.D Vial: 26
Acq On : 3 Aug 2005 20:45 Operator: DB
Sample : AC18893-003 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:57 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

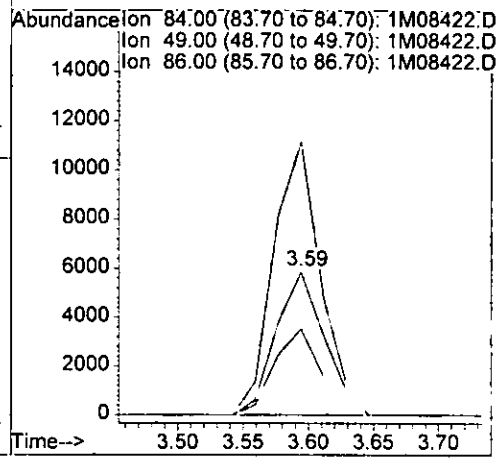




#8
Methylene Chloride
Concen: 2.07 ug/l
RT: 3.59 min Scan# 151
Delta R.T. -0.03 min
Lab File: 1M08422.D
Acq: 3 Aug 2005 20:45

Tgt Ion: 84 Resp: 15105

Ion	Ratio	Lower	Upper
84	100		
49	190.1	132.2	308.4
86	60.1	37.3	87.1



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-004
Client Id: PCSB-37 (4.0)
Data File: 1M08427.D
Analysis Date: 08/03/05 22:47
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 78

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00032	U	56-23-5	Carbon Tetrachloride	0.0011	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00074	U	108-90-7	Chlorobenzene	0.00064	U
79-00-5	1,1,2-Trichloroethane	0.00072	U	75-00-3	Chloroethane	0.0013	U
75-34-3	1,1-Dichloroethane	0.00097	U	67-66-3	Chloroform	0.00058	U
75-35-4	1,1-Dichloroethene	0.00051	U	74-87-3	Chloromethane	0.0010	U
107-06-2	1,2-Dichloroethane	0.00050	U	156-59-2	cis-1,2-Dichloroethene	0.00061	U
78-87-5	1,2-Dichloropropane	0.00072	U	10061-01-5	cis-1,3-Dichloropropene	0.00059	U
78-93-3	2-Butanone	0.0010	U	124-48-1	Dibromochloromethane	0.00071	U
110-75-8	2-Chloroethylvinylether	0.00098	U	100-41-4	Ethylbenzene	0.00096	U
591-78-6	2-Hexanone	0.00061	U	1330-20-7	m&p-Xylenes	0.0014	U
108-10-1	4-Methyl-2-Pentanone	0.00092	U	**75-09-2**	**Methylene Chloride**	**0.0019**	**0.0030 B**
67-64-1	**Acetone**	**0.0068**	**0.037**	95-47-6	o-Xylene	0.00060	U
107-02-8	Acrolein	0.0043	U	100-42-5	Styrene	0.00080	U
107-13-1	Acrylonitrile	0.00084	U	127-18-4	Tetrachloroethene	0.0012	U
71-43-2	Benzene	0.00065	U	108-88-3	Toluene	0.00097	U
75-27-4	Bromodichloromethane	0.00053	U	156-60-5	trans-1,2-Dichloroethene	0.00041	U
75-25-2	Bromoform	0.00092	U	10061-02-6	trans-1,3-Dichloropropene	0.00074	U
74-83-9	Bromomethane	0.0012	U	79-01-6	Trichloroethene	0.00078	U
75-15-0	Carbon Disulfide	0.00083	U	75-01-4	Vinyl Chloride	0.00091	U

Worksheet #: 18363

Total Target Concentration 0.04

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_1\DATA\08-03-05\1M08427.D Vial: 31
Acq On : 3 Aug 2005 22:47 Operator: DB
Sample : AC18893-004 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:57 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

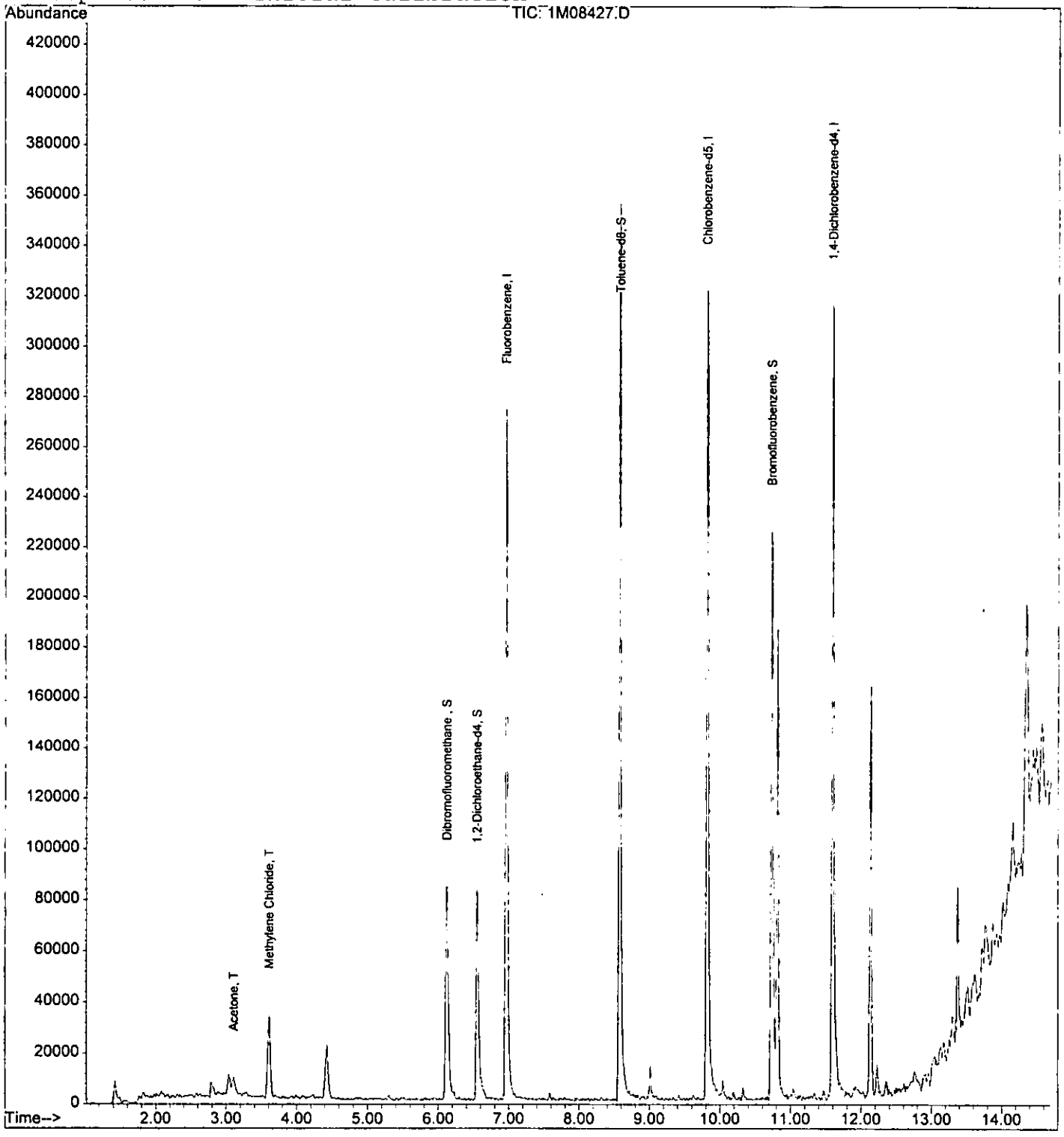
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	229660	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	181877	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	107086	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	71087	33.58	ug/l	-0.02
Spiked Amount 30.000			Recovery = 111.93%			
28) 1,2-Dichloroethane-d4	6.56	67	39777	32.01	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.70%			
50) Toluene-d8	8.58	98	236146	28.37	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.57%			
58) Bromofluorobenzene	10.74	174	80063	28.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.90%			
Target Compounds						Qvalue
8) Methylene Chloride	3.61	84	15415	2.31	ug/l	84
12) Acetone	3.11	43	16777m	28.91	ug/l	

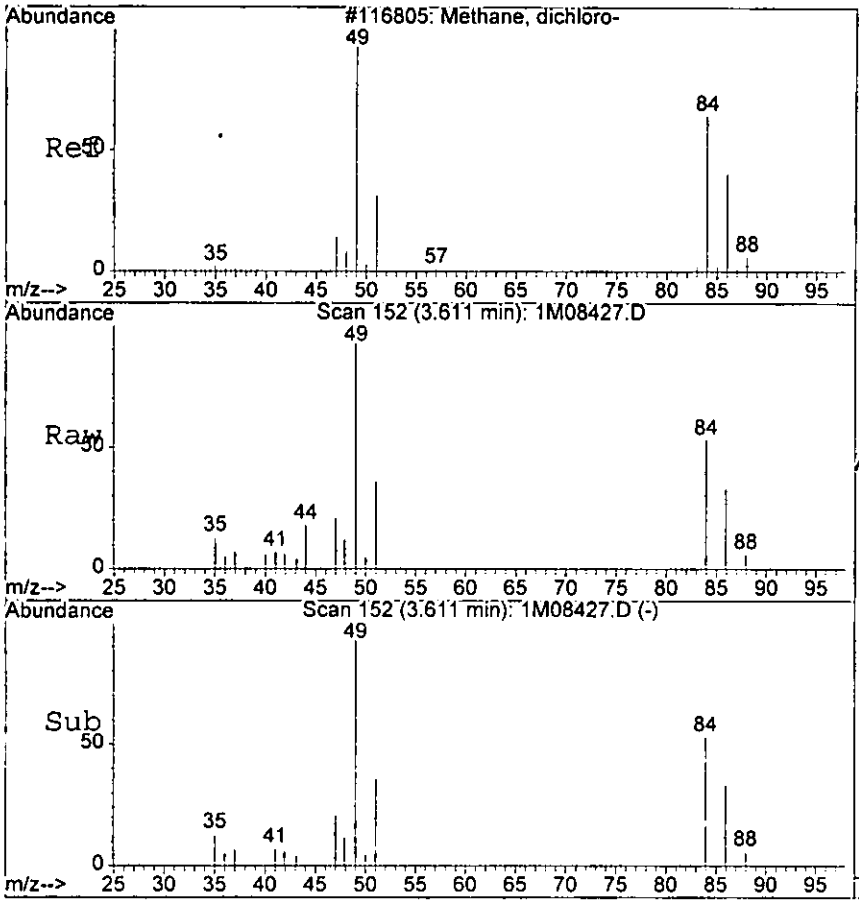
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08427.D Vial: 31
Acq On : 3 Aug 2005 22:47 Operator: DB
Sample : AC18893-004 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:57 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

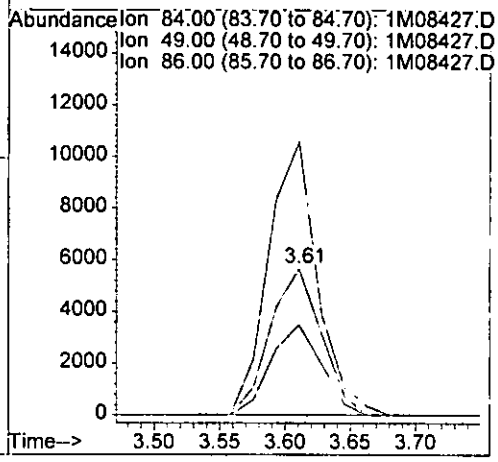


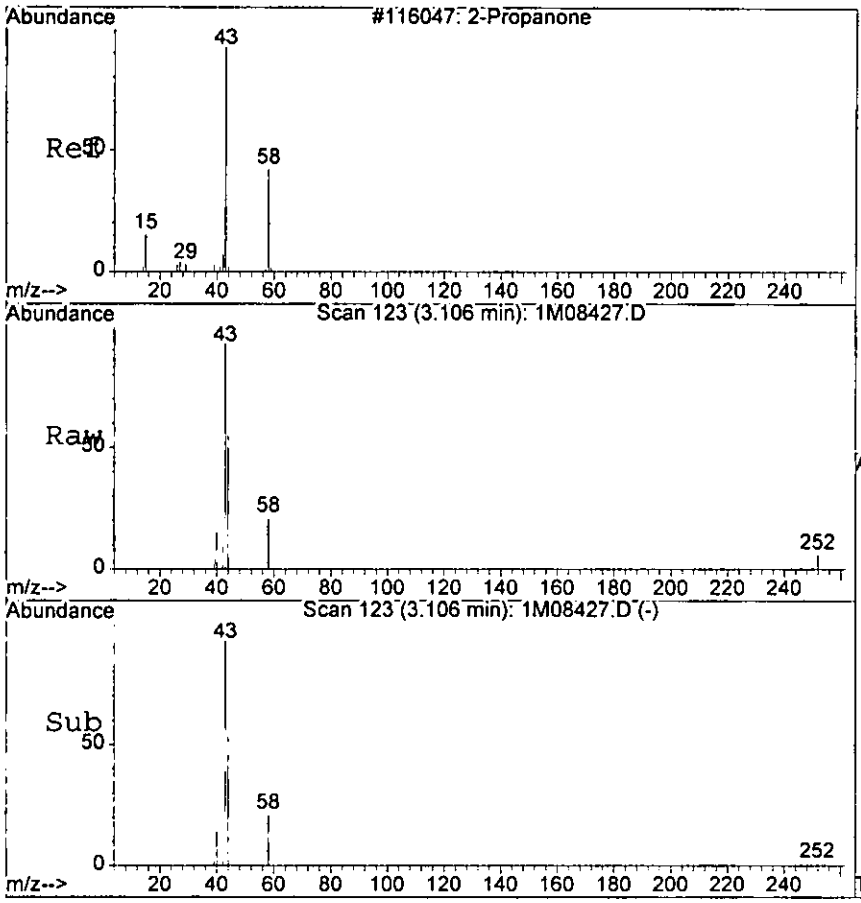


#8
Methylene Chloride
Concen: 2.31 ug/l
RT: 3.61 min Scan# 152
Delta R.T. -0.02 min
Lab File: 1M08427.D
Acq: 3 Aug 2005 22:47

Tgt Ion: 84 Resp: 15415

Ion	Ratio	Lower	Upper
84	100		
49	187.4	132.2	308.4
86	62.0	37.3	87.1

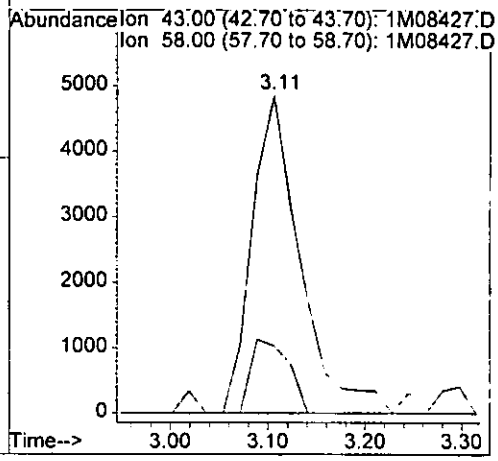




#12
Acetone
Concen: 28.91 ug/l m
RT: 3.11 min Scan# 123
Delta R.T. -0.02 min
Lab File: 1M08427.D
Acq: 3 Aug 2005 22:47

Tgt Ion: 43 Resp: 16777

Ion	Ratio	Lower	Upper
43	100		
58	21.3	0.0	55.0



1017

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-005
Client Id: PCSB-37 (10.5)
Data File: 1M08423.D
Analysis Date: 08/03/05 21:10
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 60

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00042	U	56-23-5	Carbon Tetrachloride	0.0014	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00096	U	108-90-7	Chlorobenzene	0.00084	U
79-00-5	1,1,2-Trichloroethane	0.00093	U	75-00-3	Chloroethane	0.0017	U
75-34-3	1,1-Dichloroethane	0.0013	U	67-66-3	Chloroform	0.00076	U
75-35-4	1,1-Dichloroethene	0.00067	U	74-87-3	Chloromethane	0.0013	U
107-06-2	1,2-Dichloroethane	0.00065	U	156-59-2	cis-1,2-Dichloroethene	0.00079	U
78-87-5	1,2-Dichloropropane	0.00094	U	10061-01-5	cis-1,3-Dichloropropene	0.00076	U
78-93-3	2-Butanone	0.0013	U	124-48-1	Dibromochloromethane	0.00093	U
110-75-8	2-Chloroethylvinylether	0.0013	U	100-41-4	Ethylbenzene	0.0012	U
591-78-6	2-Hexanone	0.00079	U	1330-20-7	m&p-Xylenes	0.0018	U
108-10-1	4-Methyl-2-Pentanone	0.0012	U	**75-09-2**	**Methylene Chloride**	**0.0024**	**0.0043 B**
67-64-1	**Acetone**	**0.0089**	**0.050**	95-47-6	o-Xylene	0.00078	U
107-02-8	Acrolein	0.0055	U	100-42-5	Styrene	0.0010	U
107-13-1	Acrylonitrile	0.0011	U	127-18-4	Tetrachloroethene	0.0015	U
71-43-2	Benzene	0.00085	U	108-88-3	Toluene	0.0013	U
75-27-4	Bromodichloromethane	0.00069	U	156-60-5	trans-1,2-Dichloroethene	0.00053	U
75-25-2	Bromoform	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.00096	U
74-83-9	Bromomethane	0.0016	U	79-01-6	Trichloroethene	0.0010	U
75-15-0	Carbon Disulfide	0.0011	U	75-01-4	Vinyl Chloride	0.0012	U

Worksheet #: 18363

Total Target Concentration 0.0543

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_1\DATA\08-03-05\1M08423.D Vial: 27
Acq On : 3 Aug 2005 21:10 Operator: DB
Sample : AC18893-005 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:57 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.95	96	251894	30.00	ug/l	-0.03
39) Chlorobenzene-d5	9.81	117	206770	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	130914	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.11	111	81290	35.01	ug/l	-0.03
Spiked Amount 30.000			Recovery =	116.70%		
28) 1,2-Dichloroethane-d4	6.54	67	47353	34.74	ug/l	-0.03
Spiked Amount 30.000			Recovery =	115.80%		
50) Toluene-d8	8.57	98	264211	27.92	ug/l	-0.02
Spiked Amount 30.000			Recovery =	93.07%		
58) Bromofluorobenzene	10.73	174	95538	27.50	ug/l	0.00
Spiked Amount 30.000			Recovery =	91.67%		
Target Compounds						Qvalue
8) Methylene Chloride	3.59	84	18896	2.58	ug/l	87
12) Acetone	3.09	43	19076m	29.97	ug/l	

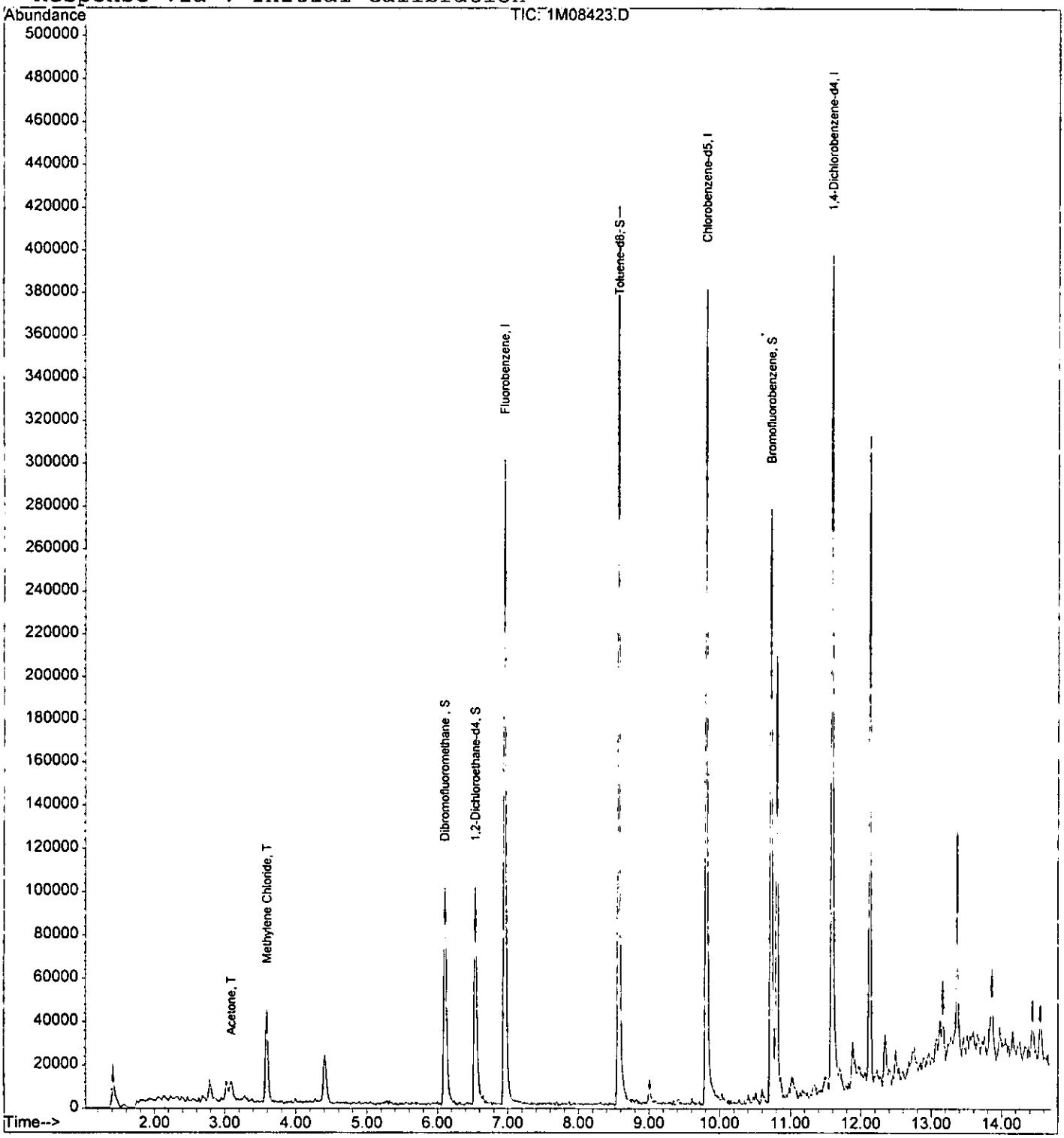
hmr

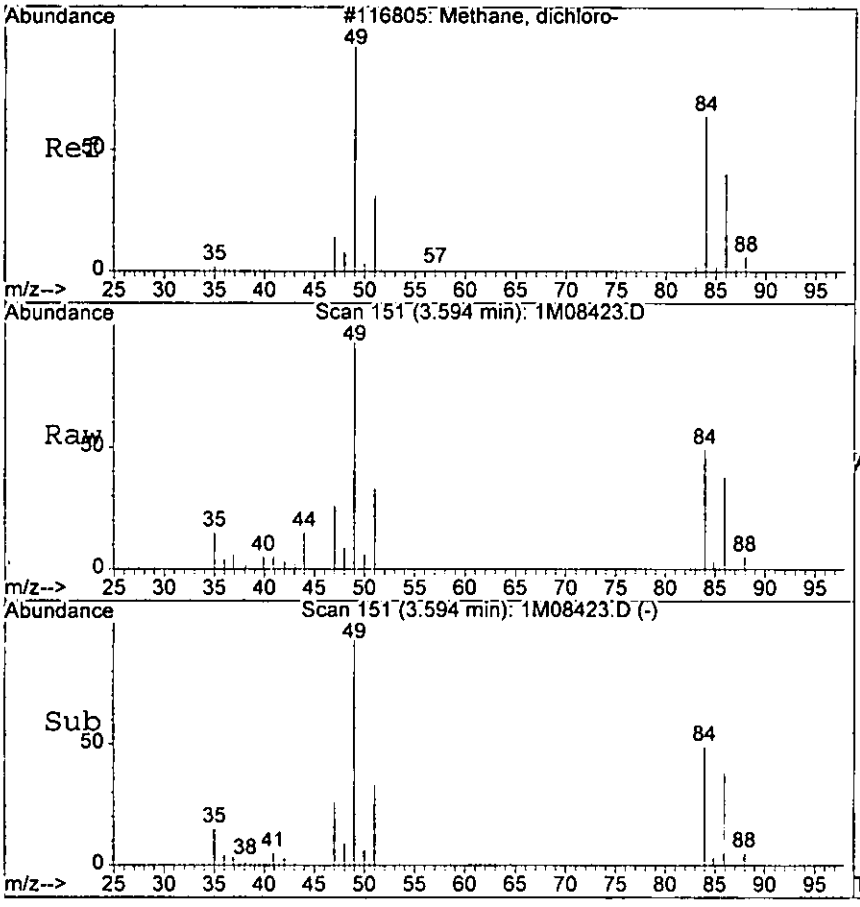
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08423.D Vial: 27
Acq On : 3 Aug 2005 21:10 Operator: DB
Sample : AC18893-005 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:57 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

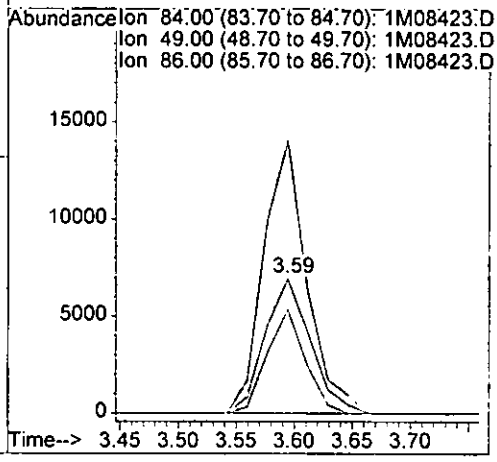


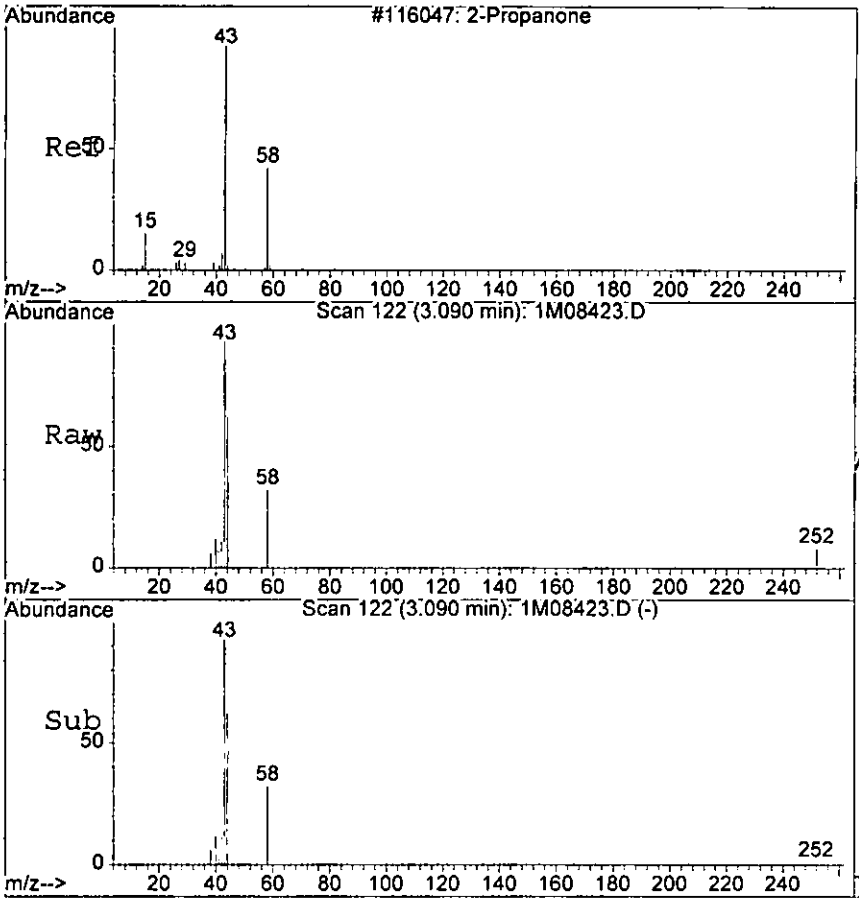


#8
Methylene Chloride
Concen: 2.58 ug/l
RT: 3.59 min Scan# 151
Delta R.T. -0.03 min
Lab File: 1M08423.D
Acq: 3 Aug 2005 21:10

Tgt Ion: 84 Resp: 18896

Ion	Ratio	Lower	Upper
84	100		
49	202.6	132.2	308.4
86	77.0	37.3	87.1

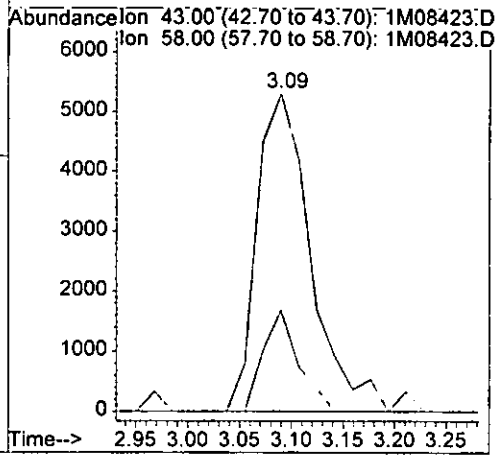




#12
Acetone
Concen: 29.97 ug/l m
RT: 3.09 min Scan# 122
Delta R.T. -0.04 min
Lab File: 1M08423.D
Acq: 3 Aug 2005 21:10

Tgt Ion: 43 Resp: 19076

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	55.0



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-006
Client Id: PCSB-54 (0.5)
Data File: 1M08426.D
Analysis Date: 08/03/05 22:23
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00029	U	56-23-5	Carbon Tetrachloride	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00068	U	108-90-7	Chlorobenzene	0.00059	U
79-00-5	1,1,2-Trichloroethane	0.00066	U	75-00-3	Chloroethane	0.0012	U
75-34-3	1,1-Dichloroethane	0.00089	U	67-66-3	Chloroform	0.00053	U
75-35-4	1,1-Dichloroethene	0.00047	U	74-87-3	Chloromethane	0.00093	U
107-06-2	1,2-Dichloroethane	0.00046	U	156-59-2	cis-1,2-Dichloroethene	0.00056	U
78-87-5	1,2-Dichloropropane	0.00066	U	10061-01-5	cis-1,3-Dichloropropene	0.00054	U
78-93-3	2-Butanone	0.00092	U	124-48-1	Dibromochloromethane	0.00066	U
110-75-8	2-Chloroethylvinylether	0.00090	U	100-41-4	Ethylbenzene	0.00088	U
591-78-6	2-Hexanone	0.00056	U	1330-20-7	m&p-Xylenes	0.0013	U
108-10-1	4-Methyl-2-Pentanone	0.00085	U	**75-09-2**	**Methylene Chloride**	**0.0017**	**0.0024 B**
67-64-1	Acetone	0.0062	U	95-47-6	o-Xylene	0.00055	U
107-02-8	Acrolein	0.0039	U	100-42-5	Styrene	0.00073	U
107-13-1	Acrylonitrile	0.00077	U	127-18-4	Tetrachloroethene	0.0011	U
71-43-2	Benzene	0.00060	U	108-88-3	Toluene	0.00089	U
75-27-4	Bromodichloromethane	0.00049	U	156-60-5	trans-1,2-Dichloroethene	0.00038	U
75-25-2	Bromoform	0.00084	U	10061-02-6	trans-1,3-Dichloropropene	0.00068	U
74-83-9	Bromomethane	0.0011	U	79-01-6	Trichloroethene	0.00072	U
75-15-0	Carbon Disulfide	0.00076	U	75-01-4	Vinyl Chloride	0.00084	U

Worksheet #: 18363

Total Target Concentration 0.0024

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_1\DATA\08-03-05\1M08426.D Vial: 30
Acq On : 3 Aug 2005 22:23 Operator: DB
Sample : AC18893-006 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:56 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

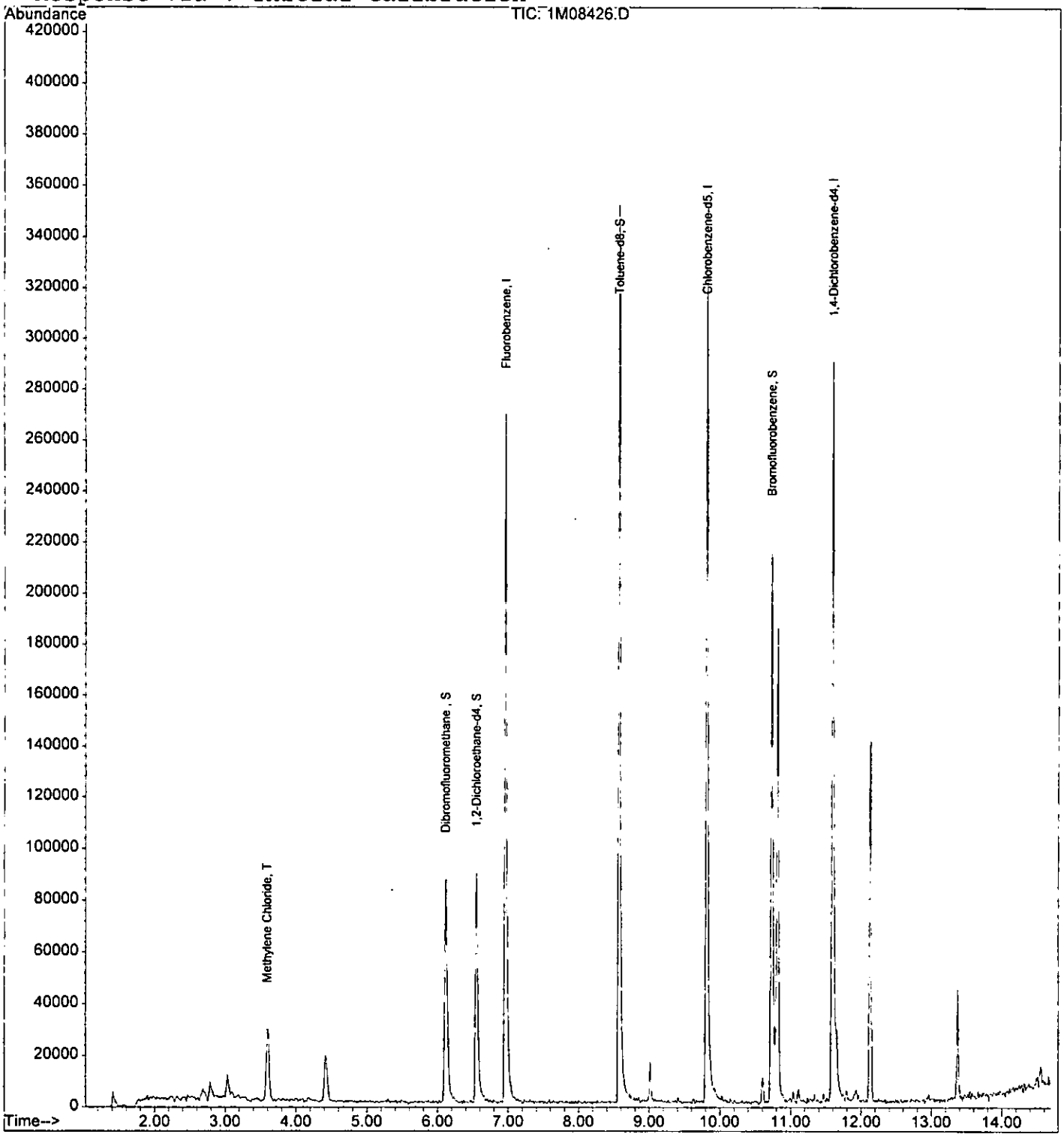
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	226061	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	175367	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	93356	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	72016	34.56	ug/l	-0.02
Spiked Amount 30.000			Recovery = 115.20%			
28) 1,2-Dichloroethane-d4	6.55	67	40519	33.12	ug/l	-0.02
Spiked Amount 30.000			Recovery = 110.40%			
50) Toluene-d8	8.57	98	230356	28.70	ug/l	-0.02
Spiked Amount 30.000			Recovery = 95.67%			
58) Bromofluorobenzene	10.73	174	69294	27.97	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.23%			
Target Compounds						Qvalue
8) Methylene Chloride	3.59	84	13682	2.08	ug/l	92

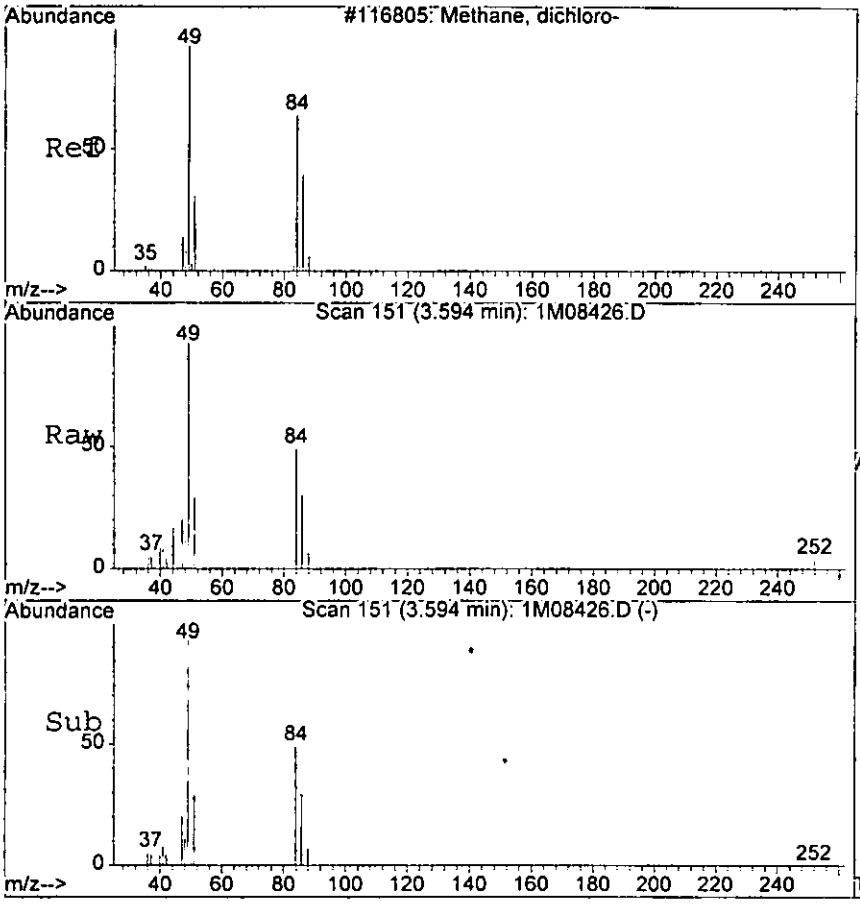
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08426.D Vial: 30
Acq On : 3 Aug 2005 22:23 Operator: DB
Sample : AC18893-006 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:56 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

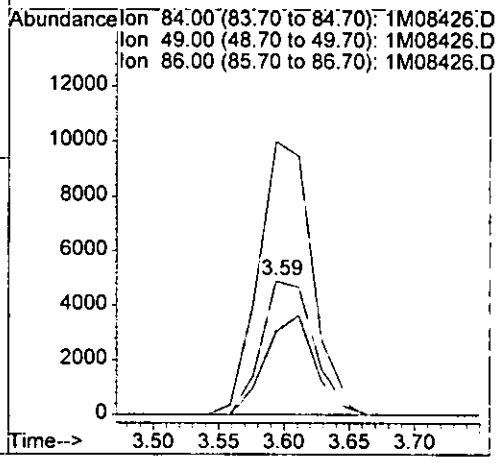




#8
Methylene Chloride
Concen: 2.08 ug/l
RT: 3.59 min Scan# 151
Delta R.T. -0.04 min
Lab File: 1M08426.D
Acq: 3 Aug 2005 22:23

Tgt Ion: 84 Resp: 13682

Ion	Ratio	Lower	Upper
84	100		
49	204.1	132.2	308.4
86	62.2	37.3	87.1



LOW

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-007
Client Id: PCSB-54 (4.5)
Data File: 1M08424.D
Analysis Date: 08/03/05 21:34
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 73

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00034	U	56-23-5	Carbon Tetrachloride	0.0012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00079	U	108-90-7	Chlorobenzene	0.00069	U
79-00-5	1,1,2-Trichloroethane	0.00076	U	75-00-3	Chloroethane	0.0014	U
75-34-3	1,1-Dichloroethane	0.0010	U	67-66-3	Chloroform	0.00062	U
75-35-4	1,1-Dichloroethene	0.00055	U	74-87-3	Chloromethane	0.0011	U
107-06-2	1,2-Dichloroethane	0.00054	U	156-59-2	cis-1,2-Dichloroethene	0.00065	U
78-87-5	1,2-Dichloropropane	0.00077	U	10061-01-5	cis-1,3-Dichloropropene	0.00063	U
78-93-3	2-Butanone	0.0011	U	124-48-1	Dibromochloromethane	0.00076	U
110-75-8	2-Chloroethylvinylether	0.0011	U	100-41-4	Ethylbenzene	0.0010	U
591-78-6	2-Hexanone	0.00065	U	1330-20-7	m&p-Xylenes	0.0015	U
108-10-1	4-Methyl-2-Pentanone	0.00098	U	**75-09-2**	**Methylene Chloride**	**0.0020**	**0.0038 B**
67-64-1	**Acetone**	**0.0073**	**0.022**	95-47-6	o-Xylene	0.00064	U
107-02-8	Acrolein	0.0045	U	100-42-5	Styrene	0.00085	U
107-13-1	Acrylonitrile	0.00089	U	127-18-4	Tetrachloroethene	0.0012	U
71-43-2	Benzene	0.00070	U	108-88-3	Toluene	0.0010	U
75-27-4	Bromodichloromethane	0.00057	U	156-60-5	trans-1,2-Dichloroethene	0.00044	U
75-25-2	Bromoform	0.00098	U	10061-02-6	trans-1,3-Dichloropropene	0.00079	U
74-83-9	Bromomethane	0.0013	U	79-01-6	Trichloroethene	0.00084	U
75-15-0	Carbon Disulfide	0.00089	U	75-01-4	Vinyl Chloride	0.00098	U

Worksheet #: 18363

Total Target Concentration 0.0258

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_1\DATA\08-03-05\1M08424.D Vial: 28
Acq On : 3 Aug 2005 21:34 Operator: DB
Sample : AC18893-007 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:58 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.95	96	244529	30.00	ug/l	-0.03
39) Chlorobenzene-d5	9.81	117	189937	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	110181	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.11	111	75835	33.64	ug/l	-0.03
Spiked Amount 30.000			Recovery = 112.13%			
28) 1,2-Dichloroethane-d4	6.54	67	45679	34.52	ug/l	-0.03
Spiked Amount 30.000			Recovery = 115.07%			
50) Toluene-d8	8.57	98	254644	29.30	ug/l	-0.02
Spiked Amount 30.000			Recovery = 97.67%			
58) Bromofluorobenzene	10.73	174	82331	28.16	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.87%			
Target Compounds						Qvalue
8) Methylene Chloride	3.59	84	20001	2.81	ug/l	79
12) Acetone	3.09	43	10145m	16.42	ug/l	

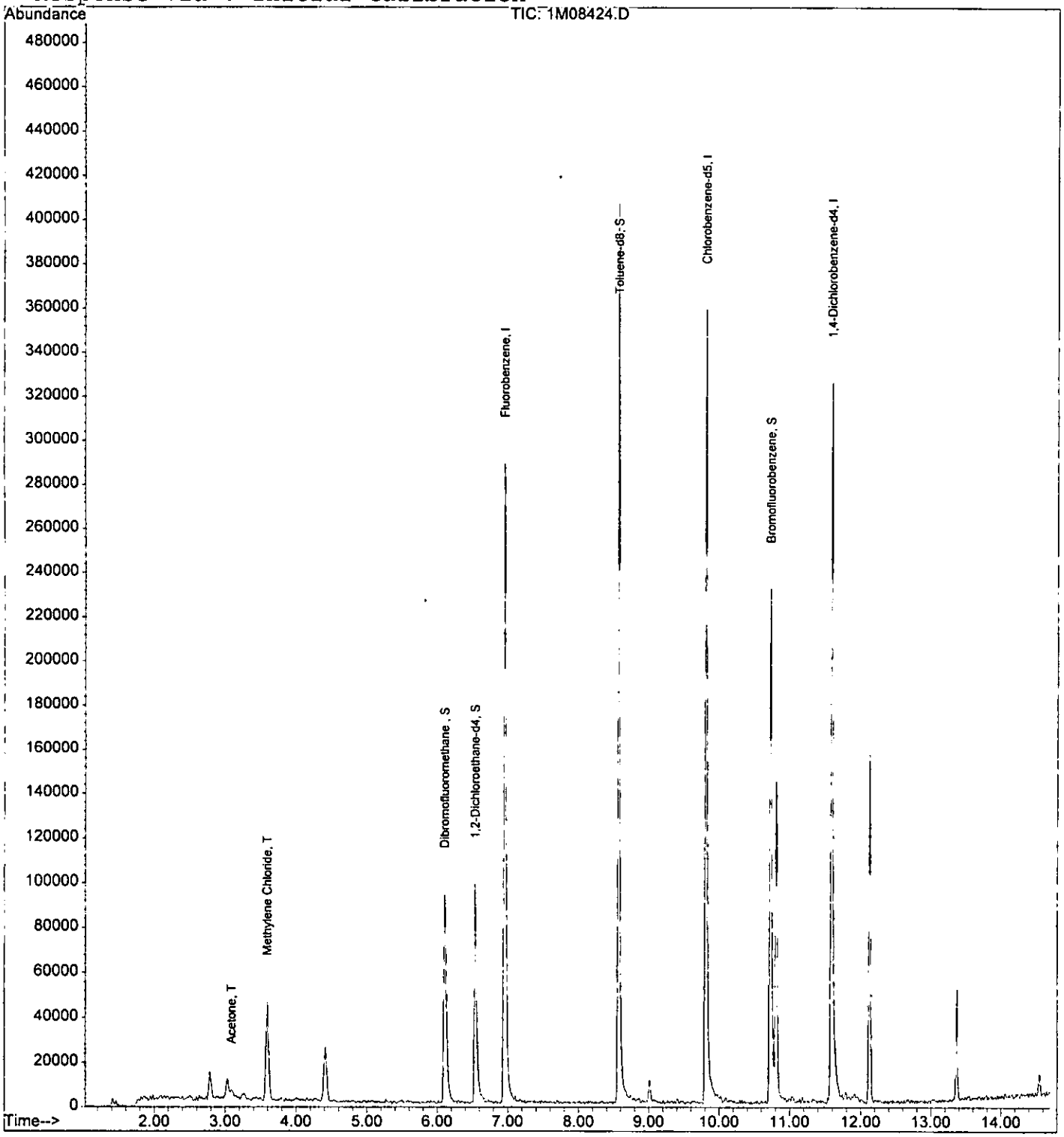
8/17

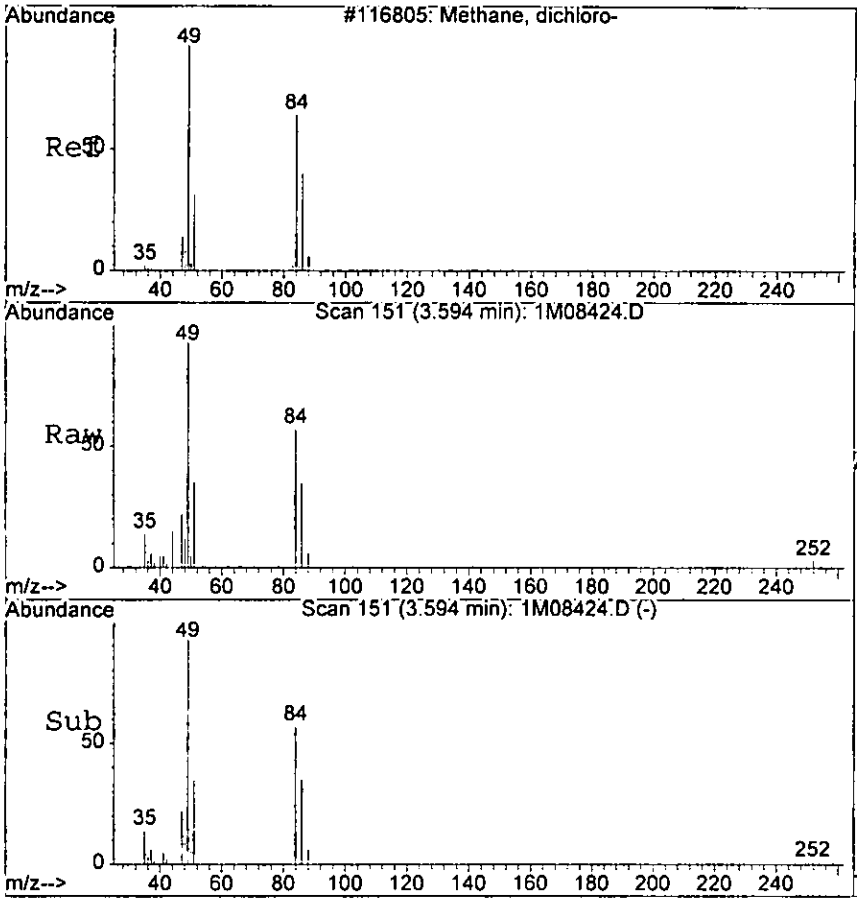
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08424.D Vial: 28
Acq On : 3 Aug 2005 21:34 Operator: DB
Sample : AC18893-007 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:58 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

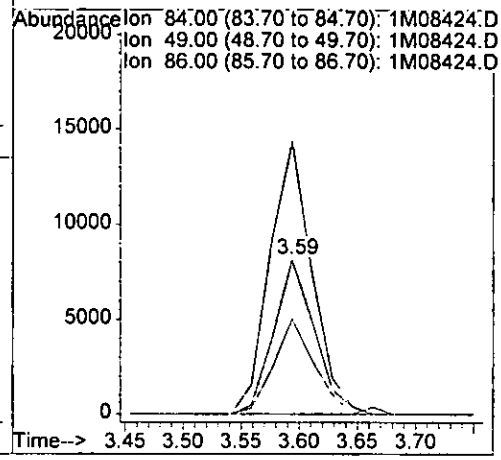


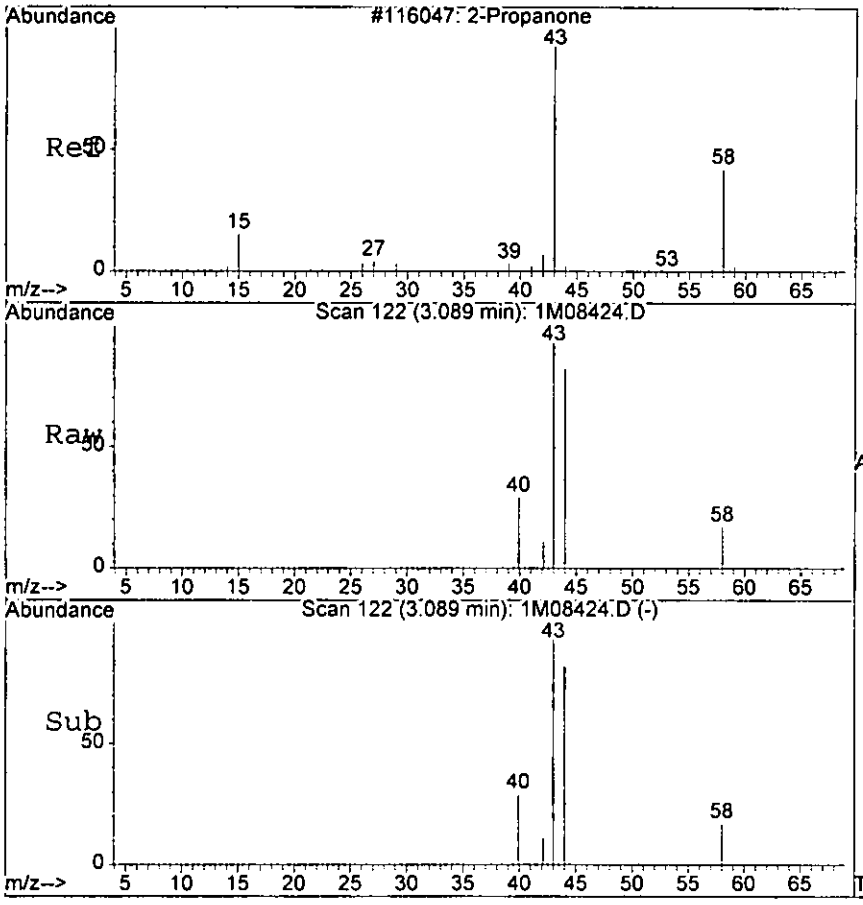


#8
Methylene Chloride
Concen: 2.81 ug/l
RT: 3.59 min Scan# 151
Delta R.T. -0.04 min
Lab File: 1M08424.D
Acq: 3 Aug 2005 21:34

Tgt Ion: 84 Resp: 20001

Ion	Ratio	Lower	Upper
84	100		
49	176.7	132.2	308.4
86	61.8	37.3	87.1

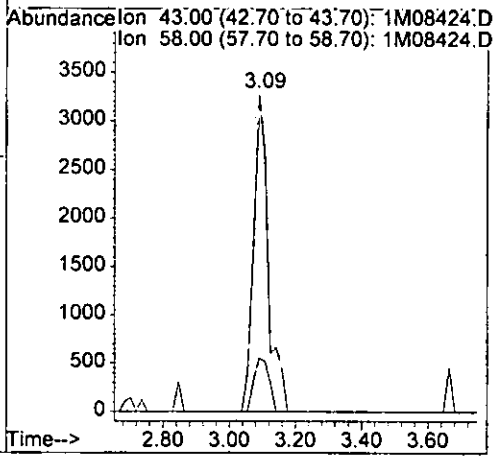




#12
Acetone
Concen: 16.42 ug/l m
RT: 3.09 min Scan# 122
Delta R.T. -0.04 min
Lab File: 1M08424.D
Acq: 3 Aug 2005 21:34

Tgt Ion: 43 Resp: 10145

Ion	Ratio	Lower	Upper
43	100		
58	16.9	0.0	55.0



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC18893-008
Client Id: PCSB-54 (11.5)
Data File: 1M08425.D
Analysis Date: 08/03/05 21:58
Date Rec/Extracted: 08/03/05-NA

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 58

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00043	U	56-23-5	Carbon Tetrachloride	0.0015	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00099	U	108-90-7	Chlorobenzene	0.00087	U
79-00-5	1,1,2-Trichloroethane	0.00096	U	75-00-3	Chloroethane	0.0018	U
75-34-3	1,1-Dichloroethane	0.0013	U	67-66-3	Chloroform	0.00078	U
75-35-4	1,1-Dichloroethene	0.00069	U	74-87-3	Chloromethane	0.0014	U
107-06-2	1,2-Dichloroethane	0.00067	U	156-59-2	cis-1,2-Dichloroethene	0.00082	U
78-87-5	1,2-Dichloropropane	0.00097	U	10061-01-5	cis-1,3-Dichloropropene	0.00079	U
78-93-3	2-Butanone	0.0013	U	124-48-1	Dibromochloromethane	0.00096	U
110-75-8	2-Chloroethylvinylether	0.0013	U	100-41-4	Ethylbenzene	0.0013	U
591-78-6	2-Hexanone	0.00082	U	1330-20-7	m&p-Xylenes	0.0019	U
108-10-1	4-Methyl-2-Pentanone	0.0012	U	**75-09-2**	**Methylene Chloride**	**0.0025**	**0.0043 B**
67-64-1	**Acetone**	**0.0092**	**0.061**	95-47-6	o-Xylene	0.00081	U
107-02-8	Acrolein	0.0057	U	100-42-5	Styrene	0.0011	U
107-13-1	Acrylonitrile	0.0011	U	127-18-4	Tetrachloroethene	0.0016	U
71-43-2	Benzene	0.00088	U	108-88-3	Toluene	0.0013	U
75-27-4	Bromodichloromethane	0.00072	U	156-60-5	trans-1,2-Dichloroethene	0.00055	U
75-25-2	Bromoform	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.00099	U
74-83-9	Bromomethane	0.0016	U	79-01-6	Trichloroethene	0.0011	U
75-15-0	Carbon Disulfide	0.0011	U	75-01-4	Vinyl Chloride	0.0012	U

Worksheet #: 18363

Total Target Concentration 0.0653

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_1\DATA\08-03-05\1M08425.D Vial: 29
Acq On : 3 Aug 2005 21:58 Operator: DB
Sample : AC18893-008 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:58 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 17 13:51:55 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

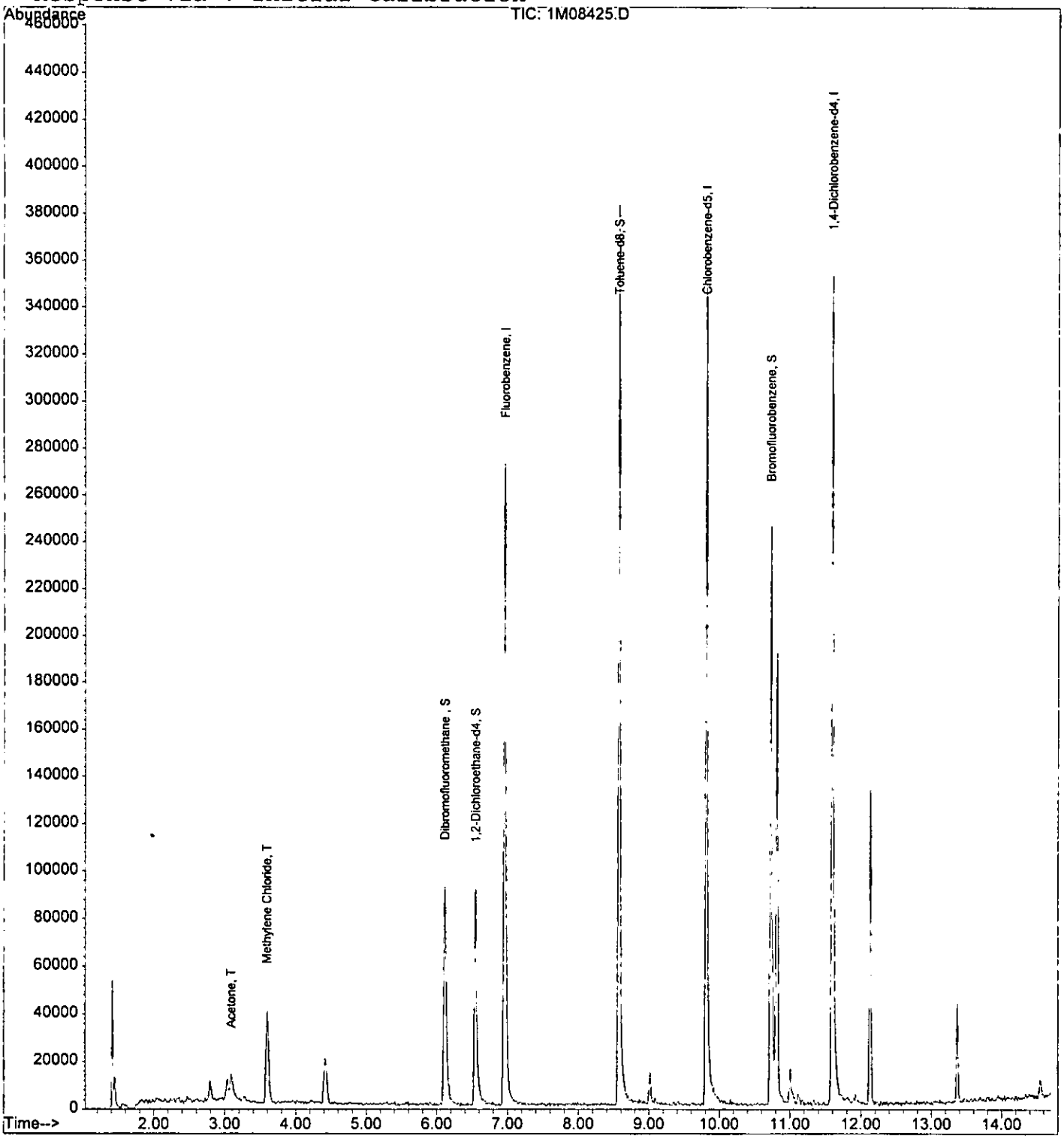
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	237180	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	188548	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	111151	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	76993	35.22	ug/l	-0.02
Spiked Amount 30.000			Recovery = 117.40%			
28) 1,2-Dichloroethane-d4	6.54	67	42839	33.38	ug/l	-0.03
Spiked Amount 30.000			Recovery = 111.27%			
50) Toluene-d8	8.57	98	238691	27.66	ug/l	-0.02
Spiked Amount 30.000			Recovery = 92.20%			
58) Bromofluorobenzene	10.73	174	76503	25.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 86.47%			
Target Compounds						Qvalue
8) Methylene Chloride	3.59	84	17231	2.50	ug/l	90
12) Acetone	3.09	43	21279m	35.51	ug/l	

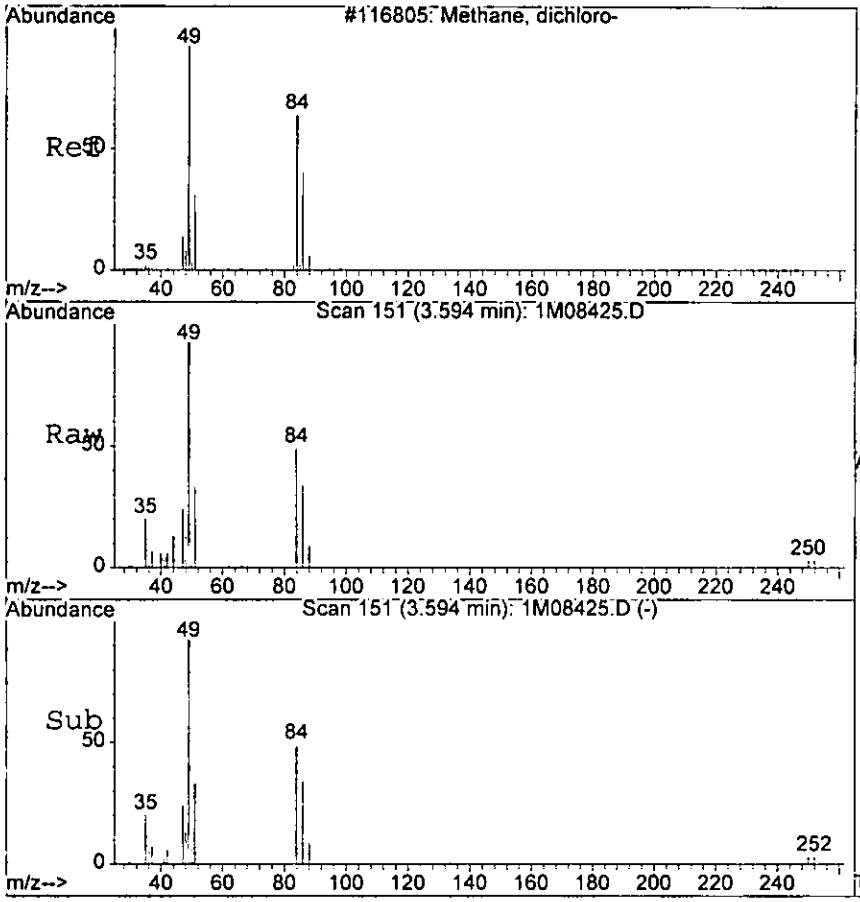
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08425.D Vial: 29
Acq On : 3 Aug 2005 21:58 Operator: DB
Sample : AC18893-008 Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 13:58 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration

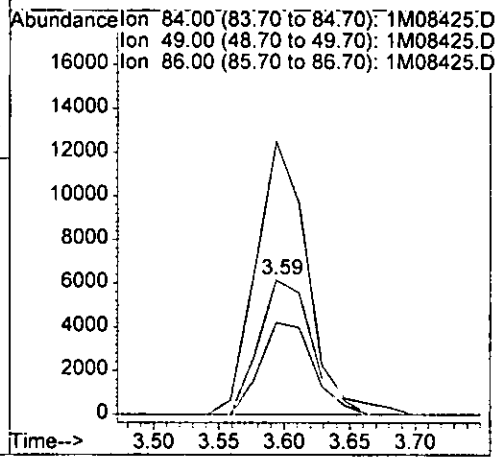


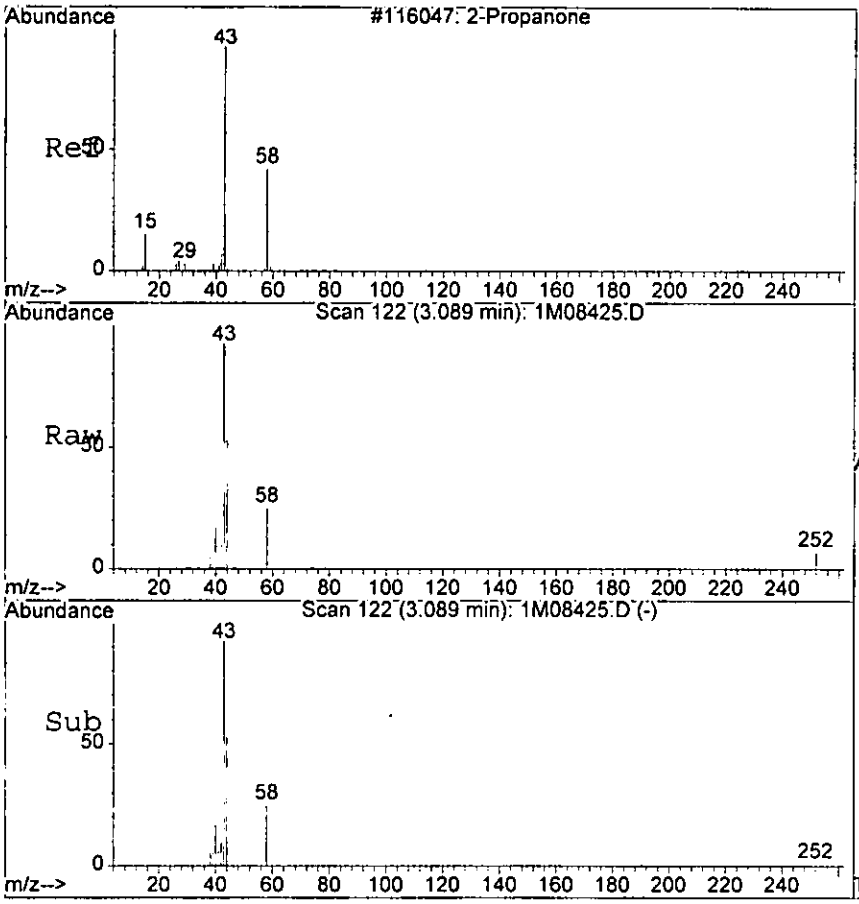


#8
Methylene Chloride
Concen: 2.50 ug/l
RT: 3.59 min Scan# 151
Delta R.T. -0.04 min
Lab File: 1M08425.D
Acq: 3 Aug 2005 21:58

Tgt Ion: 84 Resp: 17231

Ion	Ratio	Lower	Upper
84	100		
49	203.9	132.2	308.4
86	68.5	37.3	87.1

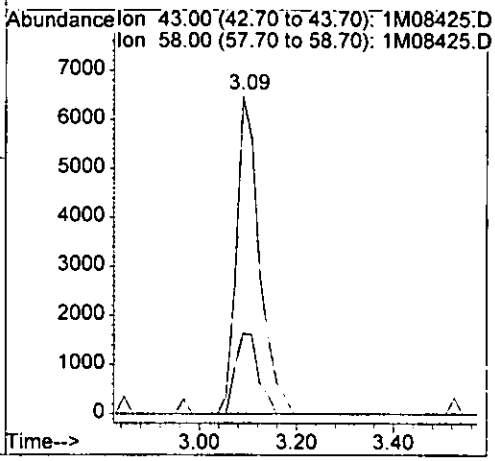




#12
Acetone
Concen: 35.51 ug/l m
RT: 3.09 min Scan# 122
Delta R.T. -0.04 min
Lab File: 1M08425.D
Acq: 3 Aug 2005 21:58

Tgt Ion: 43 Resp: 21279

Ion	Ratio	Lower	Upper
43	100		
58	25.2	0.0	55.0



GC/MS Volatile Data
Standards Data

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M08404.	CAL @ 20 PPB	08/03/05 13:23	2	1M08406.	CAL @ 5 PPB	08/03/05 14:12
3	1M08405.	CAL @ 10 PPB	08/03/05 13:47	4	1M08403.	CAL @ 50 PPB	08/03/05 12:58
5	1M08402.	CAL @ 100 PPB	08/03/05 12:34	6	1M08401.	CAL @ 500 PPB	08/03/05 12:09
7	1M08407.	CAL @ 1 PPB	08/03/05 14:37				

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
Dichlorodifluoromethane	1	0	Avg	0.4031	0.4210	0.4138	0.3812	0.3641	0.3064	-----	-----	0.382	1.59	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	Avg	0.4214	0.4776	0.4255	0.4008	0.3875	0.3430	-----	-----	0.409	1.75	0.999	1.00	11**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	Avg	0.1830	0.2090	0.1940	0.1751	0.1592	-----	-----	-----	0.184	2.15	0.998	1.00	10	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.3356	0.3760	0.3326	0.3223	0.3053	0.2581	-----	-----	0.322	1.85	0.999	1.00	12*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.1822	0.2096	0.1936	0.1740	0.1675	-----	-----	-----	0.185	2.23	1.00	1.00	9.0	20.00	5.00	10.00	50.00	100.0			
Trichlorofluoromethane	1	0	Avg	0.3749	0.4235	0.3812	0.3504	0.3602	0.2801	-----	-----	0.362	2.50	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Lin	0.6538	2.4444	1.2894	0.4049	0.2745	0.1699	-----	-----	0.873	3.63	0.999	0.999	99	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	LinF	0.0177	0.0218	0.0177	0.0171	0.0157	0.0128	-----	-----	0.0172	2.93	0.998	1.00	17	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.0617	0.0606	0.0687	0.0687	0.0701	0.0542	-----	-----	0.0640	3.98	0.996	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.3179	0.3290	0.3166	0.2999	0.2880	0.2317	-----	-----	0.297	3.21	0.998	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	LinF	0.1292	0.2088	0.1532	0.1024	0.0980	0.0745	-----	-----	0.128	3.13	0.998	1.00	38	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.6605	0.7239	0.6819	0.6221	0.6069	0.4846	-----	-----	0.630	3.30	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0105	0.0092	0.0107	0.0103	0.0096	0.0082	-----	-----	0.00980	3.87	0.999	1.00	9.6	100.0	25.00	50.00	250.0	500.0	2500.		
n-Hexane	1	0	LinF	0.5769	1.0991	0.7522	0.5179	0.4739	0.3679	-----	-----	0.631	4.45	0.998	1.00	42	20.00	5.00	10.00	50.00	100.0	500.0		
Di-isopropyl-ether	1	0	Avg	1.6216	1.4246	1.5020	1.5586	1.4974	1.0869	-----	-----	1.45	4.79	0.994	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.4080	0.4221	0.4161	0.3799	0.3718	0.2962	-----	-----	0.382	3.04	0.998	1.00	12*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.4499	0.4883	0.4687	0.4346	0.4180	0.3231	0.5734	-----	0.451	4.06	0.997	1.00	17	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1-Dichloroethane	1	0	Avg	0.7804	0.8366	0.8256	0.7265	0.7060	0.5591	-----	-----	0.739	4.62	0.998	1.00	14**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2096	0.2168	0.1980	0.1887	0.1900	0.1475	-----	-----	0.192	4.01	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.6756	0.6287	0.6533	0.6515	0.6336	0.4528	-----	-----	0.616	5.46	0.994	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.3702	0.3978	0.3989	0.3527	0.3360	0.2702	-----	-----	0.354	5.79	0.998	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.5400	0.5542	0.5238	0.5179	0.4967	0.3830	-----	-----	0.503	5.45	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	LinF	0.0016	0.0009	0.0011	0.0018	0.0020	0.0017	-----	-----	0.00156	7.79	0.999	1.00	27	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.5136	0.4503	0.4581	0.5187	0.5070	0.3485	-----	-----	0.466	6.39	0.992	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.6739	0.7385	0.6408	0.6015	0.5904	0.4654	-----	-----	0.618	5.92	0.998	1.00	15*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2782	0.2794	0.2878	0.2700	0.2670	0.2507	0.3024	-----	0.277	6.13	-1	-1	5.9	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.1550	0.1701	0.1644	0.1620	0.1588	0.1540	0.1716	-----	0.162	6.57	-1	-1	4.3	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.5191	0.5416	0.5155	0.4703	0.4400	-----	-----	-----	0.497	6.66	0.999	1.00	8.3	20.00	5.00	10.00	50.00	100.0			
2-Butanone	1	0	LinF	0.1293	0.0811	0.0878	0.1381	0.1406	0.1358	-----	-----	0.119	5.54	1.00	1.00	23	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.5296	0.5717	0.5442	0.4971	0.4787	0.3844	-----	-----	0.501	6.16	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.4745	0.5063	0.4726	0.4306	0.4093	0.2977	-----	-----	0.432	6.39	0.995	1.00	17	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	Avg	0.6830	0.5259	0.5273	0.5491	0.6305	0.5733	-----	-----	0.582	4.74	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.5135	0.5124	0.5055	0.4797	0.4520	0.3573	-----	-----	0.470	7.90	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.2172	0.2189	0.2073	0.2046	0.1966	0.1512	-----	-----	0.199	7.74	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.4495	0.4407	0.4338	0.4395	0.4186	0.3095	-----	-----	0.415	7.61	0.995	1.00	13*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.3814	0.3853	0.3529	0.3509	0.3454	0.2416	-----	-----	0.343	7.40	0.993	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	1.4611	1.4906	1.4405	1.3338	1.2620	0.8523	1.5667	-----	1.34	6.64	0.990	1.00	18	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4184	0.4533	0.4144	0.4130	0.3983	0.3272	-----	-----	0.404	9.34	0.998	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	LinF	0.1573	0.0922	0.1233	0.1910	0.2102	0.1984	-----	-----	0.162	8.21	1.00	1.00	29	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.7237	0.6148	0.6391	0.7189	0.7072	0.5821	-----	-----	0.664	8.33	0.998	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.5923	0.5048	0.5051	0.5784	0.5998	0.5055	-----	-----	0.548	8.84	0.999	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,2-Trichloroethane	1	0	LinF	0.3606	0.4522	0.3851	0.3298	0.3054	0.2460	-----	-----	0.347	8.99	0.998	1.00	20	20.00	5.00	10.00	50.00	100.0	500.0		

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: 15.5
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_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M08404.	CAL @ 20 PPB	08/03/05 13:23	2	1M08406.	CAL @ 5 PPB	08/03/05 14:12
3	1M08405.	CAL @ 10 PPB	08/03/05 13:47	4	1M08403.	CAL @ 50 PPB	08/03/05 12:58
5	1M08402.	CAL @ 100 PPB	08/03/05 12:34	6	1M08401.	CAL @ 500 PPB	08/03/05 12:09
7	1M08407.	CAL @ 1 PPB	08/03/05 14:37				

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
1,2-Dibromoethane	1	0	Avg	0.3520	0.3460	0.3438	0.3238	0.3147	0.2706	----	----	0.325	9.44	0.999	1.00	9.3	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.6712	0.7458	0.6748	0.6241	0.5669	-----	----	----	0.657	9.14	0.998	1.00	10	20.00	5.00	10.00	50.00	100.0			
4-Methyl-2-Pentanone	1	0	Avg	0.3561	0.2807	0.3145	0.3734	0.3771	0.3489	----	----	0.342	8.48	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	LinF	0.2627	0.1738	0.2380	0.3210	0.3276	0.3068	-----	----	0.272	9.22	1.00	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.4984	0.4993	0.5045	0.4405	0.4074	0.2432	----	----	0.432	9.14	0.983	1.00	23	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	1.3964	1.3105	1.3562	1.3764	1.3919	1.4921	1.2865	----	1.37	8.59	-1	-1	4.9	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	1.2281	1.2513	1.2717	1.1130	1.0566	0.7261	1.1897	----	1.12	8.65	0.992	1.00	17*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.4651	0.4751	0.4629	0.4283	0.3926	-----	----	----	0.445	9.91	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0			
Chlorobenzene	1	0	Avg	1.3736	1.4466	1.3565	1.2375	1.1628	0.7929	-----	----	1.23	9.85	0.992	1.00	19**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Avg	0.4277	0.4208	0.4326	0.4167	0.4286	0.4006	----	----	0.421	10.50	1.00	1.00	2.8**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.6008	0.5683	0.5554	0.5854	0.5965	0.3479	0.4100	----	0.524	9.93	0.979	1.00	19*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	0.6822	0.7108	0.6952	0.6078	0.5961	0.5161	----	----	0.635	10.83	0.999	1.00	12**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.7885	0.7324	0.7694	0.7616	0.8217	0.9918	0.7072	----	0.796	10.74	-1	-1	12	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.1943	1.9743	2.0679	1.9886	1.8956	-----	----	----	2.02	10.34	0.999	1.00	5.6	20.00	5.00	10.00	50.00	100.0			
m&p-Xylenes	1	0	Avg	1.4017	1.4106	1.3095	1.2144	1.1150	0.6705	1.1732	----	1.19	10.03	0.981	1.00	21	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.3755	1.2646	1.3444	1.2706	1.1462	0.7286	0.8715	----	1.14	10.33	0.985	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	Avg	0.1499	0.1347	0.1588	0.1614	0.1649	0.1363	-----	----	0.151	10.87	0.998	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.7572	1.9132	1.8067	1.5522	1.3980	-----	-----	-----	1.69	11.56	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0			
1,4-Dichlorobenzene	1	0	Avg	1.8980	2.1920	1.9376	1.6626	1.5574	-----	----	-----	1.85	11.62	0.999	1.00	13	20.00	5.00	10.00	50.00	100.0			
1,2-Dichlorobenzene	1	0	Avg	1.6907	1.8239	1.7527	1.5515	1.4721	-----	----	-----	1.66	11.90	0.999	1.00	8.7	20.00	5.00	10.00	50.00	100.0			
Isopropylbenzene	1	0	Avg	3.5660	3.2181	3.2913	3.3676	3.2270	2.1954	2.1774	----	3.01	10.62	0.991	1.00	19	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	0.9219	0.9204	1.1162	0.8231	0.7404	-----	-----	----	0.904	10.86	0.996	0.999	16	20.00	5.00	10.00	50.00	100.0			
2-Chlorotoluene	1	0	Avg	1.4315	1.5365	1.4682	1.4898	1.3290	0.8487	----	----	1.35	11.00	0.987	1.00	19	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.5596	1.4586	1.4542	1.4674	1.3991	0.9252	-----	----	1.38	11.08	0.990	1.00	17	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	4.7386	4.7181	4.6322	4.3723	4.1263	2.7706	4.0225	----	4.20	10.92	0.990	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.8506	1.9886	1.7925	1.6845	1.6316	-----	----	----	1.79	10.86	1.00	1.00	7.9	20.00	5.00	10.00	50.00	100.0			
1,3,5-Trimethylbenzene	1	0	Avg	3.2873	3.4279	3.2934	3.0131	2.7919	1.7971	3.1949	----	2.97	11.05	0.987	1.00	19	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	3.0524	2.8163	2.9089	2.8286	2.6749	1.7536	1.9447	----	2.57	11.30	0.988	1.00	20	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	3.3454	3.4953	3.3696	3.0026	2.8257	1.8775	3.2256	----	3.02	11.34	0.989	1.00	18	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	3.9834	3.7781	3.8236	3.7138	3.5391	2.4072	2.7000	----	3.42	11.46	0.991	1.00	18	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	3.3476	3.2539	3.2732	3.0149	2.7640	1.5858	2.2100	----	2.78	11.56	0.976	1.00	24	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	3.4391	3.1766	3.2451	3.2354	3.1925	2.1631	2.5489	----	3.00	11.86	0.991	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	Avg	0.1145	0.1166	0.1164	0.1128	0.1189	0.1277	----	----	0.118	12.46	1.00	1.00	4.5	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.9055	0.9812	0.9344	0.8533	0.8613	0.6199	----	----	0.859	13.16	0.994	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	1.1051	1.0976	1.0357	1.0959	1.1619	0.8793	----	----	1.06	13.05	0.996	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	1.1232	1.1978	1.1197	1.0264	1.0292	0.7665	----	----	1.04	13.41	0.996	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
Naphthalene	1	0	Avg	1.6783	1.3172	1.4341	1.6689	1.7154	1.4193	1.5030	----	1.53	13.24	0.998	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

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: 15.5
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 (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08404.D Vial: 8
Acq On : 3 Aug 2005 13:23 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	297344	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	236394	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	149869	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	82725	29.55	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.50%		
28) 1,2-Dichloroethane-d4	6.55	67	46109	28.57	ug/l	-0.02
Spiked Amount 30.000			Recovery =	95.23%		
50) Toluene-d8	8.58	98	330110	31.84	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.13%		
58) Bromofluorobenzene	10.74	174	118174	28.62	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	79913	13.50	ug/l	100
3) Chloromethane	1.75	50	83550	14.08	ug/l	93
4) Bromomethane	2.13	94	36294	14.71	ug/l	93
5) Vinyl Chloride	1.83	62	66527	15.14	ug/l	99
6) Chloroethane	2.23	64	36129	18.44	ug/l	99
7) Trichlorofluoromethane	2.48	101	74318	17.30	ug/l	99
8) Methylene Chloride	3.61	84	129617	46.39	ug/l	80
9) Acrolein	2.92	56	17636	82.03	ug/l	96
10) Acrylonitrile	3.96	53	12231	14.43	ug/l	100
11) Iodomethane	3.19	142	63035	16.27	ug/l	93
12) Acetone	3.11	43	128144	103.94	ug/l	84
13) Carbon Disulfide	3.28	76	130932	14.81	ug/l	100
14) t-Butyl Alcohol	3.87	59	10406	86.02	ug/l	95
15) n-Hexane	4.43	57	114364	19.25	ug/l	95
16) Di-isopropyl-ether	4.78	45	321458	17.38	ug/l	100
17) 1,1-Dichloroethene	3.04	61	80880	15.82	ug/l	98
18) Methyl-t-butyl ether	4.05	73	89193	15.95	ug/l	86
19) 1,1-Dichloroethane	4.60	63	154713	18.25	ug/l	98
20) trans-1,2-Dichloroethene	4.01	96	41549	16.76	ug/l	98
21) cis-1,2-Dichloroethene	5.45	61	133925	17.97	ug/l	100
22) Bromochloromethane	5.77	49	73402	17.52	ug/l	90
23) 2,2-Dichloropropane	5.44	77	107053	17.93	ug/l	94
24) 1,4-Dioxane	7.78	88	15916	777.31	ug/l	94
25) 1,1-Dichloropropene	6.37	75	101825	18.45	ug/l	96
26) Chloroform	5.90	83	133590	18.46	ug/l	99
29) 1,2-Dichloroethane	6.65	62	102907	18.59	ug/l	93

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08404.D Vial: 8
Acq On : 3 Aug 2005 13:23 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) 2-Butanone	5.52	43	25631	15.17	ug/l	89
31) 1,1,1-Trichloroethane	6.15	97	104995	17.88	ug/l	98
32) Carbon Tetrachloride	6.37	117	94071	18.88	ug/l	99
33) Vinyl Acetate	4.76	43	135402m	24.44	ug/l	
34) Bromodichloromethane	7.89	83	101803	18.87	ug/l	94
35) Dibromomethane	7.73	174	43058	19.78	ug/l	97
36) 1,2-Dichloropropane	7.60	63	89116	18.33	ug/l	97
37) Trichloroethene	7.39	130	75604	20.10	ug/l	90
38) Benzene	6.63	78	289641	18.95	ug/l	100
40) Dibromochloromethane	9.33	129	65944	20.00	ug/l	94
41) 2-Chloroethylvinylether	8.21	63	24800	14.10	ug/l	95
42) cis-1,3-Dichloropropene	8.32	75	114056	19.71	ug/l	93
43) trans-1,3-Dichloropropene	8.84	75	93344	19.96	ug/l	99
44) 1,1,2-Trichloroethane	8.99	97	56837	21.18	ug/l	84
45) 1,2-Dibromoethane	9.43	107	55481	21.05	ug/l	89
46) 1,3-Dichloropropane	9.13	76	105785	19.28	ug/l	95
47) 4-Methyl-2-Pentanone	8.48	43	56131	19.26	ug/l	96
48) 2-Hexanone	9.21	43	41415	15.48	ug/l	98
49) Tetrachloroethene	9.13	164	78551	23.02	ug/l	98
51) Toluene	8.64	92	193557	20.85	ug/l	83
52) 1,1,1,2-Tetrachloroethane	9.90	133	73312	20.08	ug/l	94
53) Chlorobenzene	9.84	112	216488	21.70	ug/l	97
55) Bromoform	10.49	173	42738	19.59	ug/l	97
56) Ethylbenzene	9.93	106	60032	21.81	ug/l	100
57) 1,1,2,2-Tetrachloroethane	10.82	83	68165	20.55	ug/l	94
59) Styrene	10.34	104	219243	20.46	ug/l	95
60) m&p-Xylenes	10.02	106	280113	46.33	ug/l	99
61) o-Xylene	10.33	106	137430	23.48	ug/l	100
62) trans-1,4-Dichloro-2-buten	10.86	53	14978m	18.87	ug/l	
63) 1,3-Dichlorobenzene	11.56	146	175569	23.12	ug/l	92
64) 1,4-Dichlorobenzene	11.62	146	189638	22.70	ug/l	86
65) 1,2-Dichlorobenzene	11.90	146	168930	22.32	ug/l	92
66) Isopropylbenzene	10.61	105	356291	22.91	ug/l	98
67) 1,2,3-Trichloropropane	10.86	75	92117	20.59	ug/l	72
68) 2-Chlorotoluene	10.99	91	143029	20.29	ug/l	93
69) 4-Chlorotoluene	11.07	91	155833	21.10	ug/l	94
70) n-Propylbenzene	10.92	91	473454	22.58	ug/l	97
71) Bromobenzene	10.86	77	184907	20.12	ug/l	80
72) 1,3,5-Trimethylbenzene	11.04	105	328444	20.80	ug/l	97
73) t-Butylbenzene	11.29	119	304973	23.45	ug/l	94
74) 1,2,4-Trimethylbenzene	11.33	105	334255	22.70	ug/l	99

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08404.D Vial: 8
Acq On : 3 Aug 2005 13:23 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

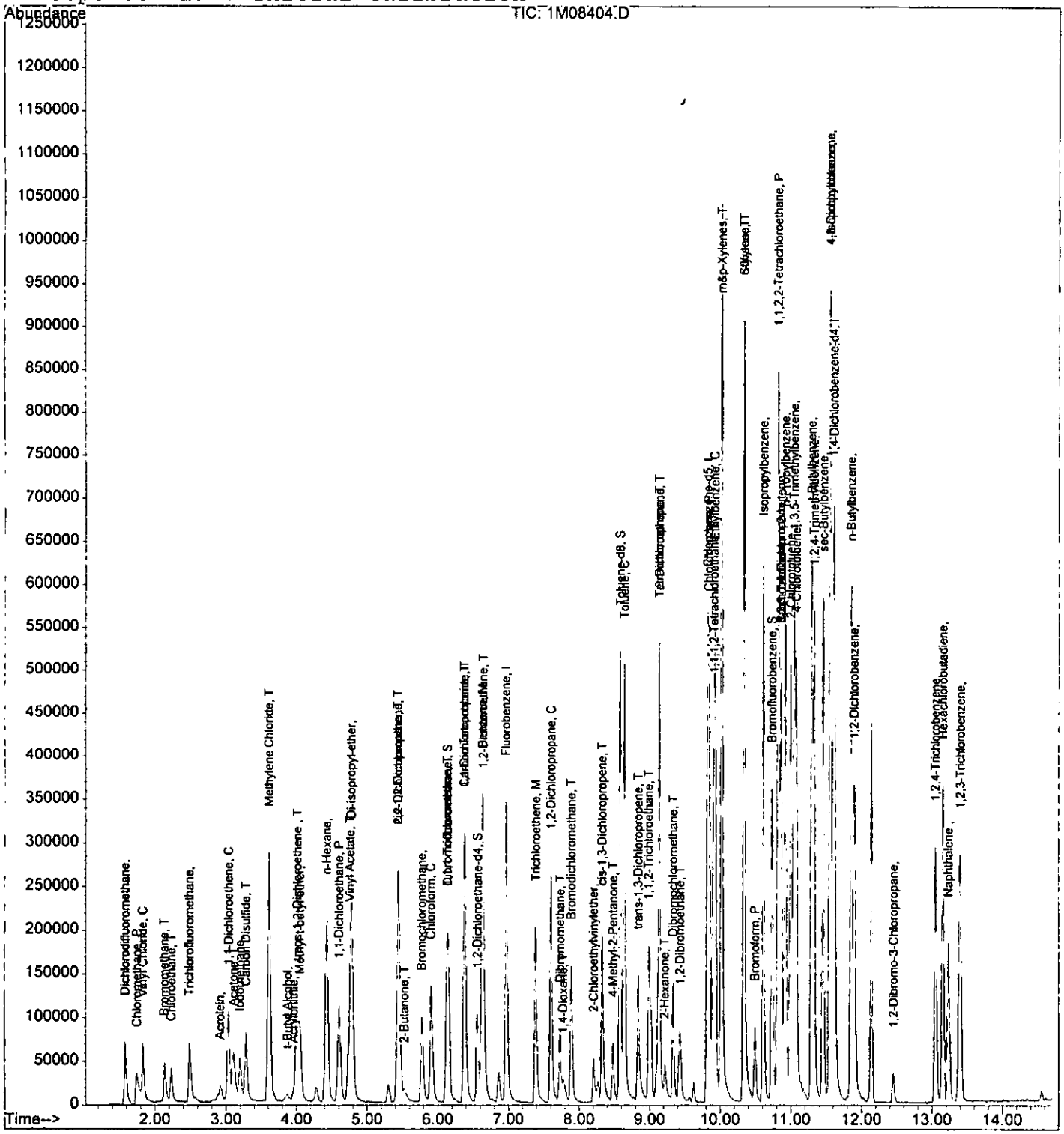
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	397993	20.76	ug/l	99
76)	4-Isopropyltoluene	11.56	119	334475	23.21	ug/l	96
77)	n-Butylbenzene	11.85	91	343615	20.00	ug/l	97
78)	1,2-Dibromo-3-Chloropropan	12.44	157	11446	20.07	ug/l	69
79)	Hexachlorobutadiene	13.15	225	90479	19.60	ug/l	97
80)	1,2,4-Trichlorobenzene	13.04	180	110414	20.81	ug/l	98
81)	1,2,3-Trichlorobenzene	13.40	180	112222	21.59	ug/l	94
82)	Naphthalene	13.23	128	167685	22.52	ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08404.D Vial: 8
Acq On : 3 Aug 2005 13:23 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08406.D Vial: 10
Acq On : 3 Aug 2005 14:12 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:52 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	287460	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	234356	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	149197	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	80325	29.67	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.90%		
28) 1,2-Dichloroethane-d4	6.55	67	48915	31.35	ug/l	-0.02
Spiked Amount 30.000			Recovery =	104.50%		
50) Toluene-d8	8.57	98	307143	29.88	ug/l	-0.02
Spiked Amount 30.000			Recovery =	99.60%		
58) Bromofluorobenzene	10.74	174	109272	26.59	ug/l	0.00
Spiked Amount 30.000			Recovery =	88.63%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	20173	3.52	ug/l	87
3) Chloromethane	1.75	50	22884	3.99	ug/l	99
4) Bromomethane	2.13	94	10013	4.20	ug/l	97
5) Vinyl Chloride	1.83	62	18018	4.24	ug/l	88
6) Chloroethane	2.23	64	10043	5.30	ug/l	98
7) Trichlorofluoromethane	2.48	101	20294	4.89	ug/l	93
8) Methylene Chloride	3.61	84	117111	43.36	ug/l	81
9) Acrolein	2.92	56	5229	25.16	ug/l	95
10) Acrylonitrile	3.96	53	2905	3.54	ug/l	94
11) Iodomethane	3.19	142	15765	4.21	ug/l	89
12) Acetone	3.11	43	50031	41.98	ug/l	80
13) Carbon Disulfide	3.28	76	34685	4.06	ug/l	100
14) t-Butyl Alcohol	3.87	59	2207	18.87	ug/l	54
15) n-Hexane	4.43	57	52662	9.17	ug/l	96
16) Di-isopropyl-ether	4.78	45	68254	3.82	ug/l	100
17) 1,1-Dichloroethene	3.02	61	20224	4.09	ug/l	95
18) Methyl-t-butyl ether	4.05	73	23395	4.33	ug/l	77
19) 1,1-Dichloroethane	4.60	63	40085	4.89	ug/l	84
20) trans-1,2-Dichloroethene	4.01	96	10389	4.34	ug/l	97
21) cis-1,2-Dichloroethene	5.45	61	30123	4.18	ug/l	92
22) Bromochloromethane	5.77	49	19063	4.71	ug/l	85
23) 2,2-Dichloropropane	5.44	77	26556	4.60	ug/l	91
24) 1,4-Dioxane	7.79	88	2220	112.15	ug/l	78
25) 1,1-Dichloropropene	6.38	75	21577	4.05	ug/l	89
26) Chloroform	5.91	83	35382	5.06	ug/l	85
29) 1,2-Dichloroethane	6.65	62	25949	4.85	ug/l	84

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

RMT

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08406.D Vial: 10
Acq On : 3 Aug 2005 14:12 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:52 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	2-Butanone	5.55	43	3887	2.38	ug/l	64
31)	1,1,1-Trichloroethane	6.16	97	27394	4.82	ug/l	89
32)	Carbon Tetrachloride	6.36	117	24259	5.04	ug/l	93
33)	Vinyl Acetate	4.76	43	25196m	4.70	ug/l	
34)	Bromodichloromethane	7.89	83	24551	4.71	ug/l	97
35)	Dibromomethane	7.74	174	10490	4.98	ug/l	96
36)	1,2-Dichloropropane	7.61	63	21115	4.49	ug/l	87
37)	Trichloroethene	7.39	130	18460	5.08	ug/l	93
38)	Benzene	6.63	78	71416	4.83	ug/l	100
40)	Dibromochloromethane	9.34	129	17707	5.42	ug/l	85
41)	2-Chloroethylvinylether	8.22	63	3604	2.07	ug/l	77
42)	cis-1,3-Dichloropropene	8.33	75	24016	4.19	ug/l	91
43)	trans-1,3-Dichloropropene	8.85	75	19720	4.25	ug/l	90
44)	1,1,2-Trichloroethane	8.99	97	17666	6.64	ug/l	80
45)	1,2-Dibromoethane	9.44	107	13516	5.17	ug/l	87
46)	1,3-Dichloropropane	9.14	76	29134	5.36	ug/l	98
47)	4-Methyl-2-Pentanone	8.48	43	10967	3.80	ug/l	88
48)	2-Hexanone	9.24	43	6791	2.56	ug/l	75
49)	Tetrachloroethene	9.13	164	19503	5.77	ug/l	92
51)	Toluene	8.64	92	48877	5.31	ug/l	92
52)	1,1,1,2-Tetrachloroethane	9.90	133	18557	5.13	ug/l	77
53)	Chlorobenzene	9.84	112	56504	5.71	ug/l	95
55)	Bromoform	10.49	173	10466	4.82	ug/l	85
56)	Ethylbenzene	9.93	106	14133	5.16	ug/l	94
57)	1,1,2,2-Tetrachloroethane	10.82	83	17676	5.35	ug/l	87
59)	Styrene	10.34	104	49095	4.60	ug/l	95
60)	m&p-Xylenes	10.02	106	70155	11.66	ug/l	95
61)	o-Xylene	10.34	106	31447	5.40	ug/l	94
62)	trans-1,4-Dichloro-2-buten	10.86	53	3350m	4.24	ug/l	
63)	1,3-Dichlorobenzene	11.56	146	47575	6.29	ug/l	89
64)	1,4-Dichlorobenzene	11.62	146	54507	6.55	ug/l	94
65)	1,2-Dichlorobenzene	11.90	146	45354	6.02	ug/l	91
66)	Isopropylbenzene	10.61	105	80022	5.17	ug/l	99
67)	1,2,3-Trichloropropane	10.86	75	22888	5.14	ug/l	62
68)	2-Chlorotoluene	11.00	91	38208	5.45	ug/l	95
69)	4-Chlorotoluene	11.07	91	36272	4.93	ug/l	96
70)	n-Propylbenzene	10.92	91	117322	5.62	ug/l	98
71)	Bromobenzene	10.86	77	49449	5.41	ug/l	81
72)	1,3,5-Trimethylbenzene	11.04	105	85239	5.42	ug/l	93
73)	t-Butylbenzene	11.29	119	70031	5.41	ug/l	93
74)	1,2,4-Trimethylbenzene	11.33	105	86916	5.93	ug/l	88

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08406.D Vial: 10
Acq On : 3 Aug 2005 14:12 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:52 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

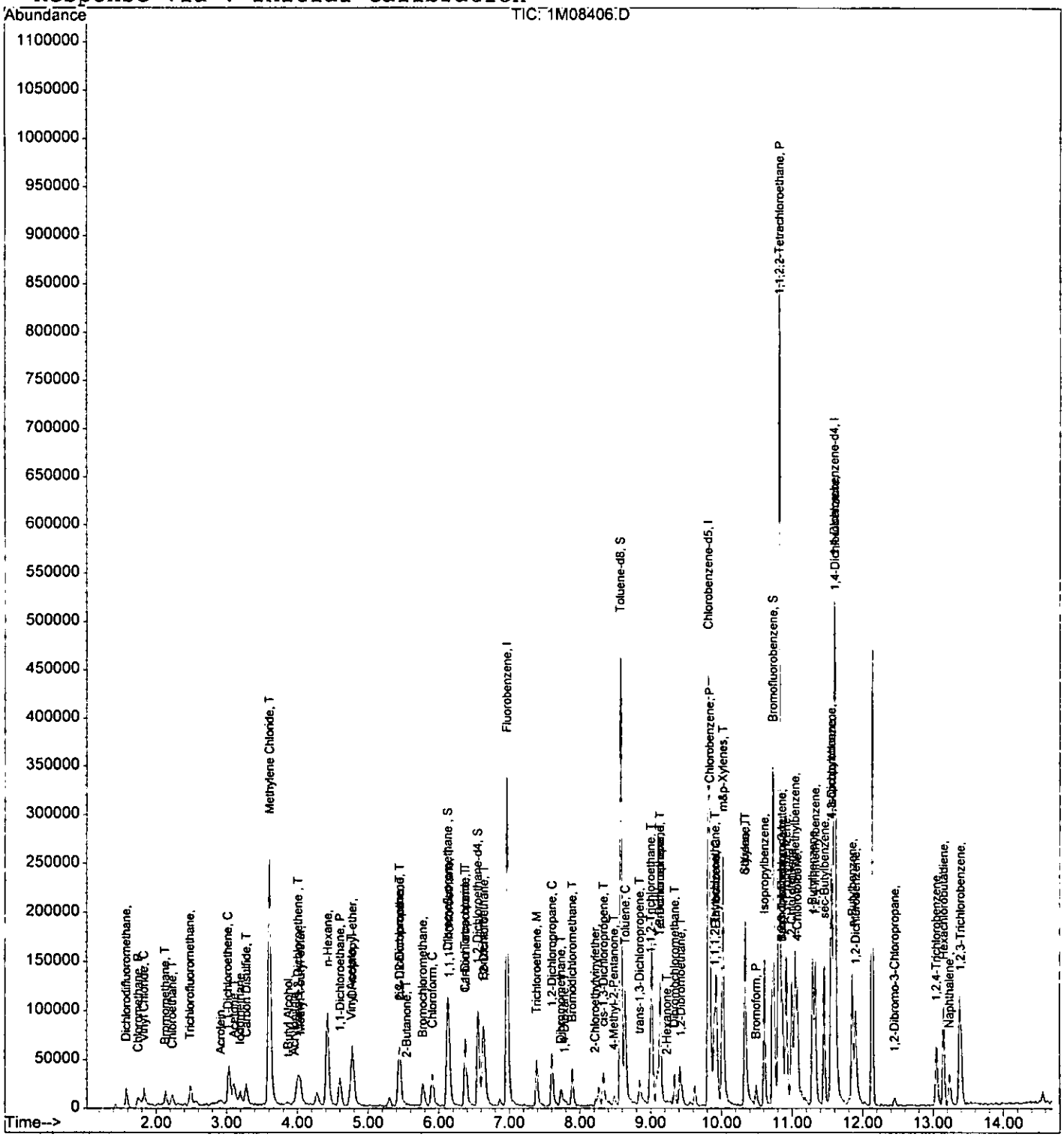
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	93948	4.92 ug/l	96
76)	4-Isopropyltoluene	11.56	119	80913	5.64 ug/l	96
77)	n-Butylbenzene	11.85	91	78992	4.62 ug/l	95
78)	1,2-Dibromo-3-Chloropropan	12.45	157	2901	5.11 ug/l	78
79)	Hexachlorobutadiene	13.15	225	24400	5.31 ug/l	97
80)	1,2,4-Trichlorobenzene	13.06	180	27295	5.17 ug/l	95
81)	1,2,3-Trichlorobenzene	13.40	180	29785	5.76 ug/l	93
82)	Naphthalene	13.23	128	32756	4.42 ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08406.D Vial: 10
Acq On : 3 Aug 2005 14:12 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:52 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08405.D Vial: 9
Acq On : 3 Aug 2005 13:47 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:29 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	294148	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	233672	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	150842	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	84659	30.56	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.87%		
28) 1,2-Dichloroethane-d4	6.56	67	48381	30.31	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.03%		
50) Toluene-d8	8.58	98	316918	30.92	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.07%		
58) Bromofluorobenzene	10.74	174	116069	27.93	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	40581	6.93	ug/l	95
3) Chloromethane	1.75	50	41728	7.11	ug/l	94
4) Bromomethane	2.13	94	19022	7.79	ug/l	88
5) Vinyl Chloride	1.83	62	32616	7.50	ug/l	100
6) Chloroethane	2.23	64	18983	9.80	ug/l	92
7) Trichlorofluoromethane	2.49	101	37378	8.80	ug/l	90
8) Methylene Chloride	3.61	84	126434	45.74	ug/l	83
9) Acrolein	2.92	56	8686	40.84	ug/l	83
10) Acrylonitrile	3.96	53	6741	8.04	ug/l	69
11) Iodomethane	3.19	142	31049	8.10	ug/l	93
12) Acetone	3.11	43	75116	61.59	ug/l	82
13) Carbon Disulfide	3.28	76	66865	7.65	ug/l	100
14) t-Butyl Alcohol	3.87	59	5276	44.09	ug/l	95
15) n-Hexane	4.43	57	73762	12.55	ug/l	95
16) Di-isopropyl-ether	4.78	45	147275	8.05	ug/l	99
17) 1,1-Dichloroethene	3.04	61	40801	8.07	ug/l	96
18) Methyl-t-butyl ether	4.05	73	45962	8.31	ug/l	85
19) 1,1-Dichloroethane	4.60	63	80954	9.65	ug/l	96
20) trans-1,2-Dichloroethene	3.99	96	19418	7.92	ug/l	78
21) cis-1,2-Dichloroethene	5.45	61	64057	8.69	ug/l	97
22) Bromochloromethane	5.77	49	39119	9.44	ug/l	96
23) 2,2-Dichloropropane	5.44	77	51363	8.70	ug/l	95
24) 1,4-Dioxane	7.79	88	5728	282.79	ug/l	93
25) 1,1-Dichloropropene	6.38	75	44924	8.23	ug/l	99
26) Chloroform	5.91	83	62838	8.78	ug/l	84
29) 1,2-Dichloroethane	6.65	62	50547	9.23	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08405.D Vial: 9
Acq On : 3 Aug 2005 13:47 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:29 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	5.55	43	8618	5.16 ug/l	96
31) 1,1,1-Trichloroethane	6.15	97	53364	9.19 ug/l	94
32) Carbon Tetrachloride	6.37	117	46346	9.40 ug/l	99
33) Vinyl Acetate	4.76	43	51703m	9.43 ug/l	
34) Bromodichloromethane	7.89	83	49569	9.29 ug/l	99
35) Dibromomethane	7.73	174	20334	9.44 ug/l	92
36) 1,2-Dichloropropane	7.60	63	42534	8.84 ug/l	98
37) Trichloroethene	7.39	130	34609	9.30 ug/l	95
38) Benzene	6.63	78	141247	9.34 ug/l	100
40) Dibromochloromethane	9.33	129	32279	9.90 ug/l	100
41) 2-Chloroethylvinylether	8.22	63	9606	5.53 ug/l	87
42) cis-1,3-Dichloropropene	8.33	75	49781	8.70 ug/l	90
43) trans-1,3-Dichloropropene	8.84	75	39344	8.51 ug/l	100
44) 1,1,2-Trichloroethane	8.99	97	29996	11.31 ug/l	87
45) 1,2-Dibromoethane	9.44	107	26784	10.28 ug/l	89
46) 1,3-Dichloropropane	9.13	76	52568	9.69 ug/l	93
47) 4-Methyl-2-Pentanone	8.48	43	24503	8.51 ug/l	95
48) 2-Hexanone	9.22	43	18545	7.01 ug/l	79
49) Tetrachloroethene	9.13	164	39297	11.65 ug/l	93
51) Toluene	8.64	92	99056	10.80 ug/l	92
52) 1,1,1,2-Tetrachloroethane	9.90	133	36060	9.99 ug/l	96
53) Chlorobenzene	9.84	112	105661	10.72 ug/l	94
55) Bromoform	10.49	173	21753	9.91 ug/l	88
56) Ethylbenzene	9.93	106	27928	10.08 ug/l	97
57) 1,1,2,2-Tetrachloroethane	10.82	83	34959	10.47 ug/l	96
59) Styrene	10.34	104	103979	9.64 ug/l	91
60) m&p-Xylenes	10.02	106	131688	21.64 ug/l	97
61) o-Xylene	10.33	106	67598	11.47 ug/l	91
62) trans-1,4-Dichloro-2-buten	10.87	53	7987m	10.00 ug/l	
63) 1,3-Dichlorobenzene	11.56	146	90845	11.89 ug/l	91
64) 1,4-Dichlorobenzene	11.62	146	97424	11.59 ug/l	91
65) 1,2-Dichlorobenzene	11.90	146	88128	11.57 ug/l	91
66) Isopropylbenzene	10.61	105	165490	10.57 ug/l	97
67) 1,2,3-Trichloropropane	10.86	75	56125	12.46 ug/l	93
68) 2-Chlorotoluene	11.00	91	73826	10.41 ug/l	96
69) 4-Chlorotoluene	11.07	91	73122	9.84 ug/l	94
70) n-Propylbenzene	10.92	91	232913	11.04 ug/l	99
71) Bromobenzene	10.86	77	90131	9.75 ug/l	81
72) 1,3,5-Trimethylbenzene	11.04	105	165598	10.42 ug/l	99
73) t-Butylbenzene	11.29	119	146262	11.17 ug/l	96
74) 1,2,4-Trimethylbenzene	11.33	105	169430	11.43 ug/l	98

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08405.D Vial: 9
Acq On : 3 Aug 2005 13:47 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:29 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

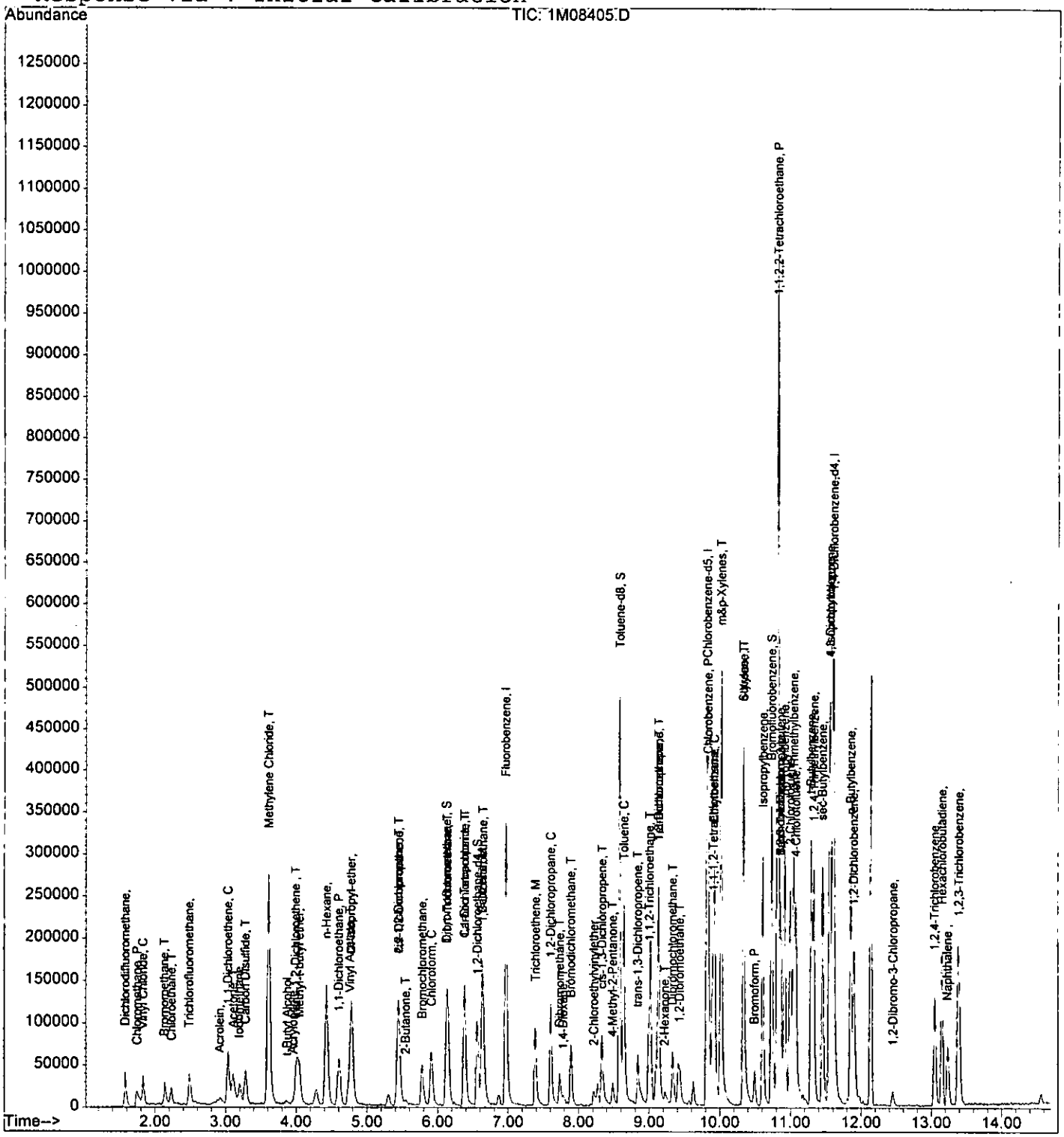
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	192254	9.96	ug/l	95
76)	4-Isopropyltoluene	11.55	119	164579	11.34	ug/l	98
77)	n-Butylbenzene	11.85	91	163170	9.43	ug/l	96
78)	1,2-Dibromo-3-Chloropropan	12.45	157	5855	10.20	ug/l	61
79)	Hexachlorobutadiene	13.15	225	46987	10.11	ug/l	94
80)	1,2,4-Trichlorobenzene	13.05	180	52079	9.75	ug/l	97
81)	1,2,3-Trichlorobenzene	13.40	180	56303	10.76	ug/l	92
82)	Naphthalene	13.23	128	72108	9.62	ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08405.D Vial: 9
Acq On : 3 Aug 2005 13:47 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 14:29 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08403.D Vial: 7
Acq On : 3 Aug 2005 12:58 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	295578	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	233226	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	146863	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	79830	28.68	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.60%			
28) 1,2-Dichloroethane-d4	6.55	67	47899	29.86	ug/l	-0.02
Spiked Amount 30.000			Recovery = 99.53%			
50) Toluene-d8	8.58	98	321018	31.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.60%			
58) Bromofluorobenzene	10.74	174	111863	27.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.17%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	187793	31.90	ug/l	100
3) Chloromethane	1.73	50	197465	33.49	ug/l	97
4) Bromomethane	2.13	94	86305	35.19	ug/l	99
5) Vinyl Chloride	1.83	62	158814	36.35	ug/l	100
6) Chloroethane	2.23	64	85719	44.02	ug/l	98
7) Trichlorofluoromethane	2.49	101	172626	40.43	ug/l	98
8) Methylene Chloride	3.61	84	199509	71.83	ug/l	85
9) Acrolein	2.92	56	42265	197.75	ug/l	98
10) Acrylonitrile	3.96	53	33847	40.16	ug/l	96
11) Iodomethane	3.19	142	147757	38.38	ug/l	90
12) Acetone	3.11	43	252410	205.95	ug/l	80
13) Carbon Disulfide	3.28	76	306466	34.88	ug/l	100
14) t-Butyl Alcohol	3.85	59	25545	212.43	ug/l	92
15) n-Hexane	4.43	57	255174	43.22	ug/l	91
16) Di-isopropyl-ether	4.78	45	767850	41.77	ug/l	100
17) 1,1-Dichloroethene	3.04	61	187182	36.84	ug/l	99
18) Methyl-t-butyl ether	4.05	73	214118	38.52	ug/l	92
19) 1,1-Dichloroethane	4.60	63	357936	42.46	ug/l	98
20) trans-1,2-Dichloroethene	4.01	96	92995	37.74	ug/l	92
21) cis-1,2-Dichloroethene	5.45	61	320964	43.32	ug/l	97
22) Bromochloromethane	5.77	49	173780	41.72	ug/l	95
23) 2,2-Dichloropropane	5.44	77	255166	42.99	ug/l	98
24) 1,4-Dioxane	7.77	88	46584	2288.68	ug/l	96
25) 1,1-Dichloropropene	6.37	75	255571	46.60	ug/l	98
26) Chloroform	5.91	83	296330	41.20	ug/l	95
29) 1,2-Dichloroethane	6.65	62	231683	42.11	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08403.D Vial: 7
Acq On : 3 Aug 2005 12:58 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	2-Butanone	5.51	43	68062	40.53 ug/l	90
31)	1,1,1-Trichloroethane	6.15	97	244911	41.95 ug/l	96
32)	Carbon Tetrachloride	6.37	117	212150	42.83 ug/l	92
33)	Vinyl Acetate	4.72	43	270525m	49.12 ug/l	
34)	Bromodichloromethane	7.89	83	236331	44.07 ug/l	94
35)	Dibromomethane	7.72	174	100795	46.58 ug/l	97
36)	1,2-Dichloropropane	7.60	63	216517	44.80 ug/l	94
37)	Trichloroethene	7.38	130	172881	46.23 ug/l	96
38)	Benzene	6.63	78	657103	43.26 ug/l	100
40)	Dibromochloromethane	9.33	129	160538	49.34 ug/l	94
41)	2-Chloroethylvinylether	8.20	63	74280	42.82 ug/l	96
42)	cis-1,3-Dichloropropene	8.32	75	279451	48.95 ug/l	98
43)	trans-1,3-Dichloropropene	8.83	75	224836	48.73 ug/l	98
44)	1,1,2-Trichloroethane	8.98	97	128195	48.42 ug/l	90
45)	1,2-Dibromoethane	9.43	107	125870	48.42 ug/l	97
46)	1,3-Dichloropropane	9.13	76	242608	44.81 ug/l	94
47)	4-Methyl-2-Pentanone	8.47	43	145172	50.50 ug/l	95
48)	2-Hexanone	9.21	43	124801	47.27 ug/l	94
49)	Tetrachloroethene	9.13	164	171257	50.88 ug/l	94
51)	Toluene	8.64	92	432644	47.24 ug/l	90
52)	1,1,1,2-Tetrachloroethane	9.90	133	166490	46.23 ug/l	98
53)	Chlorobenzene	9.84	112	481054	48.88 ug/l	99
55)	Bromoform	10.49	173	102008	47.72 ug/l	96
56)	Ethylbenzene	9.92	106	143296	53.13 ug/l	95
57)	1,1,2,2-Tetrachloroethane	10.82	83	148791	45.78 ug/l	98
59)	Styrene	10.33	104	486755	46.35 ug/l	99
60)	m&p-Xylenes	10.02	106	594504	100.35 ug/l	97
61)	o-Xylene	10.32	106	311010	54.22 ug/l	97
62)	trans-1,4-Dichloro-2-buten	10.86	53	39505m	50.80 ug/l	
63)	1,3-Dichlorobenzene	11.56	146	379950	51.06 ug/l	92
64)	1,4-Dichlorobenzene	11.62	146	406977	49.71 ug/l	84
65)	1,2-Dichlorobenzene	11.89	146	379784	51.20 ug/l	92
66)	Isopropylbenzene	10.61	105	824293	54.09 ug/l	98
67)	1,2,3-Trichloropropane	10.86	75	201473	45.96 ug/l	69
68)	2-Chlorotoluene	10.99	91	364680	52.80 ug/l	99
69)	4-Chlorotoluene	11.07	91	359194	49.63 ug/l	94
70)	n-Propylbenzene	10.92	91	1070236	52.08 ug/l	97
71)	Bromobenzene	10.86	77	412325	45.79 ug/l	81
72)	1,3,5-Trimethylbenzene	11.04	105	737530	47.67 ug/l	96
73)	t-Butylbenzene	11.29	119	692375	54.33 ug/l	95
74)	1,2,4-Trimethylbenzene	11.33	105	734954	50.93 ug/l	88

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08403.D Vial: 7
Acq On : 3 Aug 2005 12:58 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

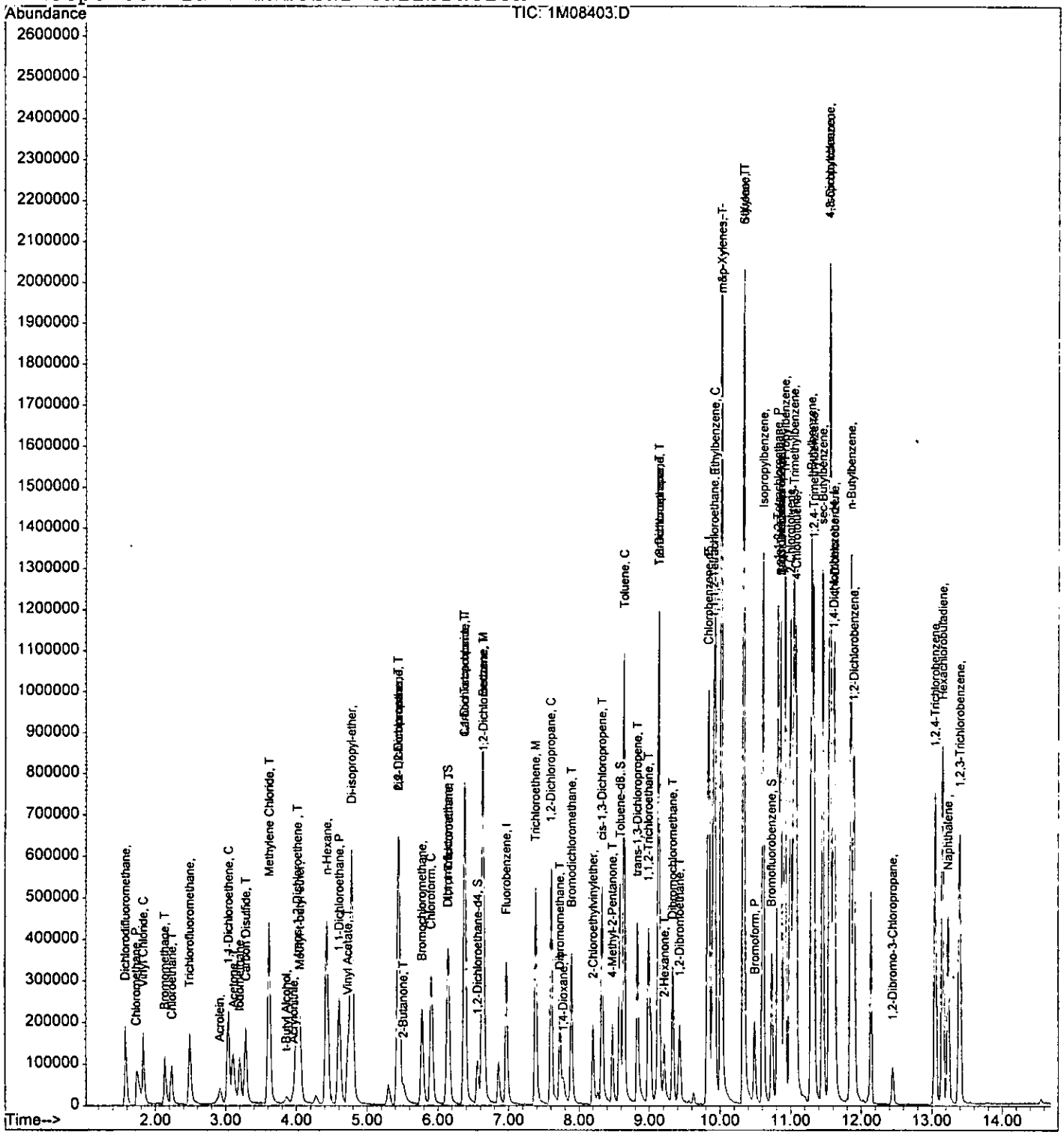
Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	909047	48.39	ug/l	97
76)	4-Isopropyltoluene	11.55	119	737966	52.25	ug/l	96
77)	n-Butylbenzene	11.85	91	791941	47.03	ug/l	97
78)	1,2-Dibromo-3-Chloropropan	12.45	157	27627	49.42	ug/l	65
79)	Hexachlorobutadiene	13.15	225	208878	46.16	ug/l	98
80)	1,2,4-Trichlorobenzene	13.04	180	268262	51.60	ug/l	96
81)	1,2,3-Trichlorobenzene	13.40	180	251253	49.33	ug/l	96
82)	Naphthalene	13.23	128	408511	55.98	ug/l	100

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08403.D Vial: 7
Acq On : 3 Aug 2005 12:58 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 15:01 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08402.D Vial: 6
Acq On : 3 Aug 2005 12:34 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:51 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	291064	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	228323	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	137628	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	77720	28.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.53%			
28) 1,2-Dichloroethane-d4	6.55	67	46225	29.26	ug/l	-0.02
Spiked Amount 30.000			Recovery = 97.53%			
50) Toluene-d8	8.58	98	317810	31.73	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.77%			
58) Bromofluorobenzene	10.73	174	113096	29.83	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.43%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	353266	60.95	ug/l	100
3) Chloromethane	1.73	50	376001	64.75	ug/l	96
4) Bromomethane	2.13	94	154543	64.00	ug/l	100
5) Vinyl Chloride	1.83	62	296211	68.85	ug/l	99
6) Chloroethane	2.23	64	162570	84.78	ug/l	99
7) Trichlorofluoromethane	2.48	101	349490	83.13	ug/l	100
8) Methylene Chloride	3.61	84	266397	97.40	ug/l	82
9) Acrolein	2.92	56	76353	362.78	ug/l	98
10) Acrylonitrile	3.96	53	68086	82.04	ug/l	94
11) Iodomethane	3.19	142	279496	73.72	ug/l	82
12) Acetone	3.09	43	475826	394.27	ug/l	85
13) Carbon Disulfide	3.28	76	588911	68.07	ug/l	100
14) t-Butyl Alcohol	3.85	59	46831	395.48	ug/l	91
15) n-Hexane	4.43	57	459785	79.08	ug/l	88
16) Di-isopropyl-ether	4.78	45	1452803	80.26	ug/l	100
17) 1,1-Dichloroethene	3.02	61	360733	72.10	ug/l	90
18) Methyl-t-butyl ether	4.05	73	405611	74.11	ug/l	94
19) 1,1-Dichloroethane	4.60	63	685056	82.53	ug/l	97
20) trans-1,2-Dichloroethene	3.99	96	184391	75.99	ug/l	89
21) cis-1,2-Dichloroethene	5.44	61	614770	84.26	ug/l	96
22) Bromochloromethane	5.76	49	326072	79.49	ug/l	95
23) 2,2-Dichloropropane	5.44	77	481971	82.46	ug/l	98
24) 1,4-Dioxane	7.77	88	98223	4900.55	ug/l	94
25) 1,1-Dichloropropene	6.37	75	491927	91.08	ug/l	96
26) Chloroform	5.90	83	572824	80.88	ug/l	94
29) 1,2-Dichloroethane	6.64	62	426899	78.80	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08402.D Vial: 6
Acq On : 3 Aug 2005 12:34 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:51 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	2-Butanone	5.51	43	136450	82.51	ug/l	93
31)	1,1,1-Trichloroethane	6.15	97	464512	80.80	ug/l	99
32)	Carbon Tetrachloride	6.37	117	397167	81.43	ug/l	96
33)	Vinyl Acetate	4.72	43	611726	112.80	ug/l	100
34)	Bromodichloromethane	7.88	83	438533	83.03	ug/l	96
35)	Dibromomethane	7.72	174	190774	89.53	ug/l	91
36)	1,2-Dichloropropane	7.59	63	406200	85.35	ug/l	96
37)	Trichloroethene	7.38	130	335161	91.01	ug/l	84
38)	Benzene	6.62	78	1224495	81.86	ug/l	100
40)	Dibromochloromethane	9.33	129	303154	95.18	ug/l	98
41)	2-Chloroethylvinylether	8.19	63	160037	94.23	ug/l	98
42)	cis-1,3-Dichloropropene	8.32	75	538282	96.32	ug/l	98
43)	trans-1,3-Dichloropropene	8.83	75	456565	101.08	ug/l	98
44)	1,1,2-Trichloroethane	8.98	97	232477	89.69	ug/l	89
45)	1,2-Dibromoethane	9.43	107	239561	94.13	ug/l	93
46)	1,3-Dichloropropane	9.13	76	431472	81.41	ug/l	99
47)	4-Methyl-2-Pentanone	8.47	43	287001	101.98	ug/l	93
48)	2-Hexanone	9.20	43	249396	96.50	ug/l	95
49)	Tetrachloroethene	9.13	164	310067	94.09	ug/l	96
51)	Toluene	8.63	92	804211	89.70	ug/l	89
52)	1,1,1,2-Tetrachloroethane	9.90	133	298827	84.76	ug/l	99
53)	Chlorobenzene	9.84	112	885035	91.87	ug/l	98
55)	Bromoform	10.49	173	196652	98.17	ug/l	88
56)	Ethylbenzene	9.92	106	273664	108.27	ug/l	98
57)	1,1,2,2-Tetrachloroethane	10.82	83	273510	89.81	ug/l	99
59)	Styrene	10.33	104	869655	88.37	ug/l	100
60)	m&p-Xylenes	10.02	106	1023045	184.27	ug/l	96
61)	o-Xylene	10.32	106	525854	97.82	ug/l	91
62)	trans-1,4-Dichloro-2-buten	10.86	53	75691m	103.86	ug/l	
63)	1,3-Dichlorobenzene	11.56	146	641365	91.98	ug/l	94
64)	1,4-Dichlorobenzene	11.62	146	714472	93.13	ug/l	85
65)	1,2-Dichlorobenzene	11.89	146	675353	97.16	ug/l	93
66)	Isopropylbenzene	10.61	105	1480455	103.67	ug/l	98
67)	1,2,3-Trichloropropane	10.86	75	339700	82.69	ug/l	60
68)	2-Chlorotoluene	11.00	91	609704	94.20	ug/l	94
69)	4-Chlorotoluene	11.07	91	641862	94.63	ug/l	92
70)	n-Propylbenzene	10.92	91	1892983	98.31	ug/l	96
71)	Bromobenzene	10.86	77	748532	88.71	ug/l	82
72)	1,3,5-Trimethylbenzene	11.04	105	1280840	88.34	ug/l	97
73)	t-Butylbenzene	11.29	119	1227180	102.76	ug/l	96
74)	1,2,4-Trimethylbenzene	11.33	105	1296327	95.86	ug/l	88

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08402.D Vial: 6
Acq On : 3 Aug 2005 12:34 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:51 2005 Quant Results File: 1M_S0803.RES

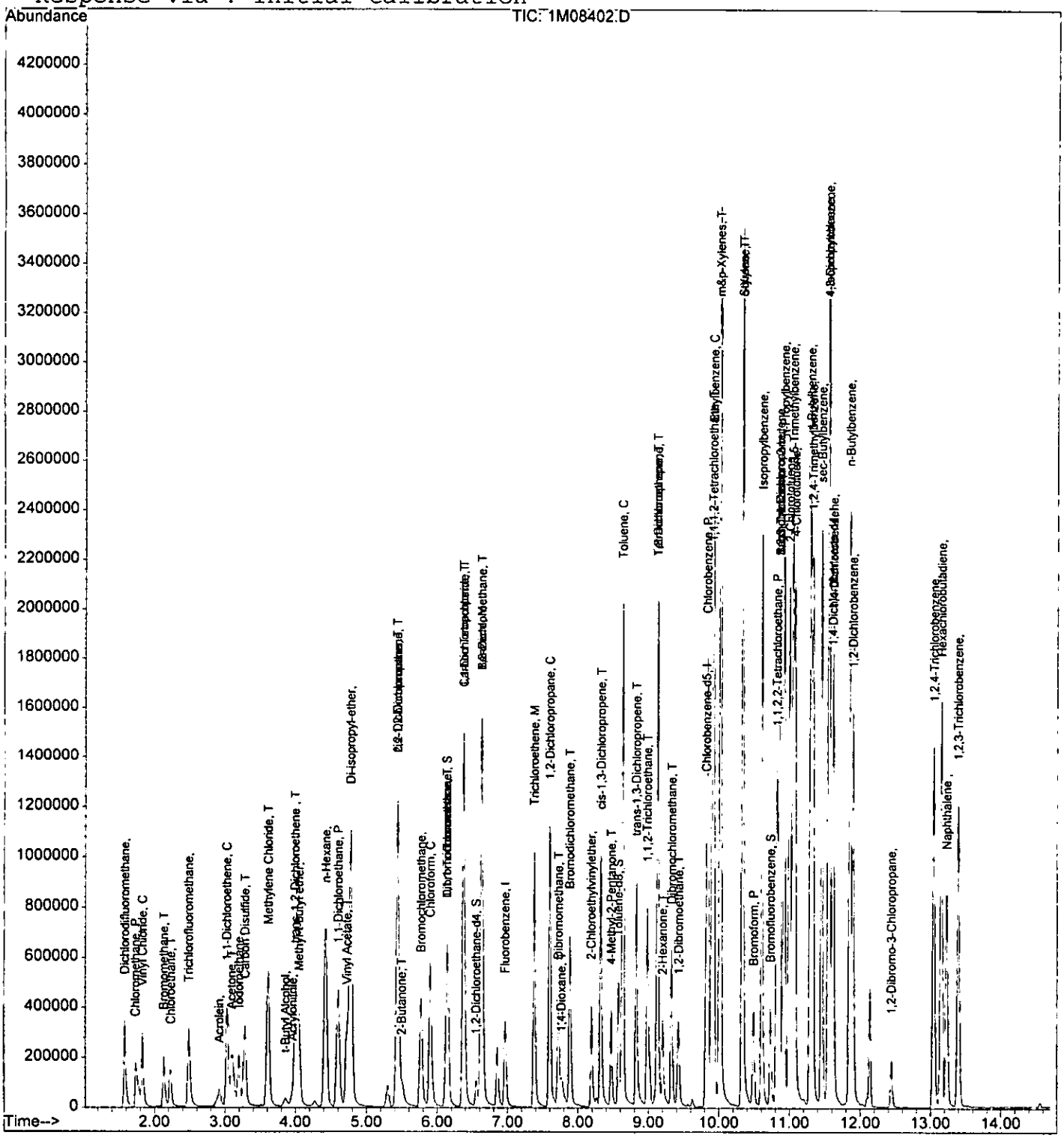
Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	1623596	92.23	ug/l	97
76)	4-Isopropyltoluene	11.55	119	1268038	95.80	ug/l	98
77)	n-Butylbenzene	11.85	91	1464622	92.82	ug/l	97
78)	1,2-Dibromo-3-Chloropropan	12.44	157	54560	104.16	ug/l	64
79)	Hexachlorobutadiene	13.15	225	395141	93.19	ug/l	98
80)	1,2,4-Trichlorobenzene	13.05	180	533036	109.41	ug/l	96
81)	1,2,3-Trichlorobenzene	13.40	180	472165	98.92	ug/l	95
82)	Naphthalene	13.23	128	786958	115.08	ug/l	100

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08402.D Vial: 6
Acq On : 3 Aug 2005 12:34 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:51 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08401.D Vial: 5
Acq On : 3 Aug 2005 12:09 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:49 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	296100	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	216261	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	121451	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	74244	26.63	ug/l	-0.02
Spiked Amount 30.000			Recovery = 88.77%			
28) 1,2-Dichloroethane-d4	6.55	67	45624	28.39	ug/l	-0.02
Spiked Amount 30.000			Recovery = 94.63%			
50) Toluene-d8	8.57	98	322694	34.02	ug/l	-0.02
Spiked Amount 30.000			Recovery = 113.40%			
58) Bromofluorobenzene	10.73	174	120465	36.00	ug/l	0.00
Spiked Amount 30.000			Recovery = 120.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	1512309	256.47	ug/l	99
3) Chloromethane	1.73	50	1692928	286.58	ug/l	98
4) Bromomethane	2.12	94	350267	142.58	ug/l	96
5) Vinyl Chloride	1.83	62	1274001	291.07	ug/l	100
6) Chloroethane	2.20	64	571520	292.98	ug/l	98
7) Trichlorofluoromethane	2.47	101	1382707	323.29	ug/l	99
8) Methylene Chloride	3.59	84	838614	301.41	ug/l	87
9) Acrolein	2.92	56	317079	1480.94	ug/l	95
10) Acrylonitrile	3.94	53	267695	317.06	ug/l	97
11) Iodomethane	3.19	142	1143856	296.57	ug/l	95
12) Acetone	3.09	43	1838541	1497.50	ug/l	82
13) Carbon Disulfide	3.26	76	2391969	271.77	ug/l	100
14) t-Butyl Alcohol	3.87	59	204464	1697.30	ug/l	96
15) n-Hexane	4.41	57	1815719	306.96	ug/l	86
16) Di-isopropyl-ether	4.78	45	5363959	291.28	ug/l	100
17) 1,1-Dichloroethene	3.02	61	1462005	287.23	ug/l	97
18) Methyl-t-butyl ether	4.03	73	1594475	286.37	ug/l	94
19) 1,1-Dichloroethane	4.59	63	2759446	326.79	ug/l	98
20) trans-1,2-Dichloroethene	3.99	96	728275	295.04	ug/l	92
21) cis-1,2-Dichloroethene	5.44	61	2234565	301.06	ug/l	94
22) Bromochloromethane	5.76	49	1333895	319.64	ug/l	94
23) 2,2-Dichloropropane	5.44	77	1890173	317.87	ug/l	98
24) 1,4-Dioxane	7.76	88	431548	21164.64	ug/l	91
25) 1,1-Dichloropropene	6.37	75	1719904	313.02	ug/l	97
26) Chloroform	5.90	83	2297060	318.81	ug/l	96
29) 1,2-Dichloroethane	6.65	62	1592915	289.04	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08401.D Vial: 5
Acq On : 3 Aug 2005 12:09 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:49 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	2-Butanone	5.49	43	670505	398.53	ug/l	93
31)	1,1,1-Trichloroethane	6.15	97	1897196	324.40	ug/l	97
32)	Carbon Tetrachloride	6.37	117	1469464	296.15	ug/l	96
33)	Vinyl Acetate	4.71	43	2829668	512.88	ug/l	100
34)	Bromodichloromethane	7.88	83	1763561	328.25	ug/l	98
35)	Dibromomethane	7.71	174	746311	344.30	ug/l	95
36)	1,2-Dichloropropane	7.59	63	1527575	315.49	ug/l	98
37)	Trichloroethene	7.38	130	1192297	318.27	ug/l	98
38)	Benzene	6.62	78	4206563	276.43	ug/l	100
40)	Dibromochloromethane	9.33	129	1179511	390.98	ug/l	98
41)	2-Chloroethylvinylether	8.19	63	715423	444.75	ug/l	96
42)	cis-1,3-Dichloropropene	8.31	75	2098164	396.39	ug/l	99
43)	trans-1,3-Dichloropropene	8.82	75	1822328	425.96	ug/l	99
44)	1,1,2-Trichloroethane	8.98	97	886952	361.29	ug/l	91
45)	1,2-Dibromoethane	9.43	107	975654	404.72	ug/l	94
46)	1,3-Dichloropropane	9.12	76	1338681	266.67	ug/l	96
47)	4-Methyl-2-Pentanone	8.47	43	1257744	471.82	ug/l	91
48)	2-Hexanone	9.20	43	1105826	451.74	ug/l	95
49)	Tetrachloroethene	9.12	164	876907	280.95	ug/l	96
51)	Toluene	8.63	92	2617390	308.22	ug/l	95
52)	1,1,1,2-Tetrachloroethane	9.90	133	979791	293.41	ug/l	94
53)	Chlorobenzene	9.83	112	2857880	313.20	ug/l	99
55)	Bromoform	10.48	173	810989	458.76	ug/l	98
56)	Ethylbenzene	9.92	106	704230	315.71	ug/l	95
57)	1,1,2,2-Tetrachloroethane	10.82	83	1044747	388.75	ug/l	96
59)	Styrene	10.34	104	2349766	270.56	ug/l	93
60)	m&p-Xylenes	10.02	106	2714734	554.11	ug/l	98
61)	o-Xylene	10.32	106	1474951	310.92	ug/l	97
62)	trans-1,4-Dichloro-2-buten	10.86	53	276043m	429.23	ug/l	
63)	1,3-Dichlorobenzene	11.56	146	1596813	259.50	ug/l	98
64)	1,4-Dichlorobenzene	11.62	146	2311335	341.41	ug/l	86
65)	1,2-Dichlorobenzene	11.89	146	2173019	354.27	ug/l	95
66)	Isopropylbenzene	10.61	105	4443997	352.65	ug/l	98
67)	1,2,3-Trichloropropane	10.86	75	1110263	306.24	ug/l	60
68)	2-Chlorotoluene	10.99	91	1717960	300.79	ug/l	93
69)	4-Chlorotoluene	11.07	91	1872833	312.89	ug/l	95
70)	n-Propylbenzene	10.93	91	5608266	330.04	ug/l	95
71)	Bromobenzene	10.85	77	2431910	326.59	ug/l	89
72)	1,3,5-Trimethylbenzene	11.04	105	3637842	284.31	ug/l	96
73)	t-Butylbenzene	11.29	119	3549617	336.83	ug/l	99
74)	1,2,4-Trimethylbenzene	11.33	105	3800433	318.47	ug/l	89

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08401.D Vial: 5
Acq On : 3 Aug 2005 12:09 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:49 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Jul 27 13:58:44 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

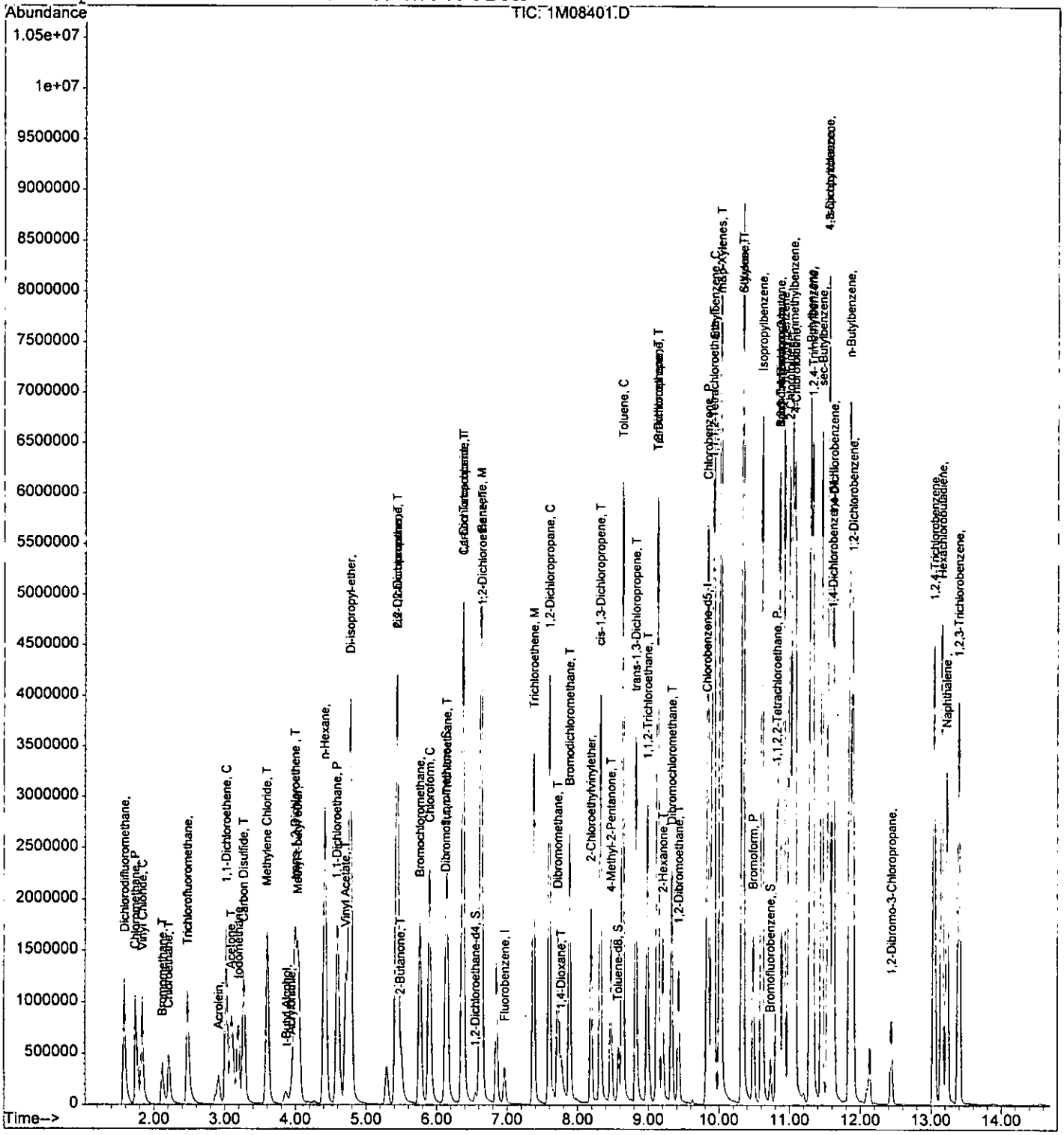
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	4872765	313.67 ug/l	95
76)	4-Isopropyltoluene	11.55	119	3209999	274.82 ug/l	99
77)	n-Butylbenzene	11.85	91	4378689	314.46 ug/l	96
78)	1,2-Dibromo-3-Chloropropan	12.44	157	258634	559.50 ug/l	56
79)	Hexachlorobutadiene	13.15	225	1254850	335.36 ug/l	98
80)	1,2,4-Trichlorobenzene	13.04	180	1780041	414.04 ug/l	97
81)	1,2,3-Trichlorobenzene	13.40	180	1551602	368.37 ug/l	97
82)	Naphthalene	13.22	128	2872988	476.09 ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08401.D Vial: 5
Acq On : 3 Aug 2005 12:09 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 3 13:49 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08407.D Vial: 11
Acq On : 3 Aug 2005 14:37 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 10:45 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:56:51 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	276368	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	229241	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	148800	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	83591	33.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.10%			
28) 1,2-Dichloroethane-d4	6.55	67	47445	32.03	ug/l	-0.02
Spiked Amount 30.000			Recovery = 106.77%			
50) Toluene-d8	8.58	98	294924	27.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.73%			
58) Bromofluorobenzene	10.74	174	105231	26.16	ug/l	0.00
Spiked Amount 30.000			Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	d	
3) Chloromethane	0.00	50	0	N.D.	d	
4) Bromomethane	0.00	94	0	N.D.	d	
5) Vinyl Chloride	0.00	62	0	N.D.	d	
6) Chloroethane	0.00	64	0	N.D.	d	
7) Trichlorofluoromethane	0.00	101	0	N.D.	d	
8) Methylene Chloride	3.61	84	139953m	85.58	ug/l	
9) Acrolein	0.00	56	0	N.D.	d	
10) Acrylonitrile	0.00	53	0	N.D.		
11) Iodomethane	0.00	142	0	N.D.	d	
12) Acetone	0.00	43	0	N.D.		
13) Carbon Disulfide	0.00	76	0	N.D.	d	
14) t-Butyl Alcohol	0.00	59	0	N.D.		
15) n-Hexane	0.00	57	0	N.D.	d	
16) Di-isopropyl-ether	0.00	45	0	N.D.	d	
17) 1,1-Dichloroethene	0.00	61	0	N.D.	d	
18) Methyl-t-butyl ether	4.05	73	5283	1.33	ug/l	50
19) 1,1-Dichloroethane	0.00	63	0	N.D.	d	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	d	
21) cis-1,2-Dichloroethene	0.00	61	0	N.D.	d	
22) Bromochloromethane	0.00	49	0	N.D.	d	
23) 2,2-Dichloropropane	0.00	77	0	N.D.	d	
24) 1,4-Dioxane	0.00	88	0	N.D.		
25) 1,1-Dichloropropene	0.00	75	0	N.D.	d	
26) Chloroform	0.00	83	0	N.D.	d	
29) 1,2-Dichloroethane	0.00	62	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08407.D Vial: 11
Acq On : 3 Aug 2005 14:37 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 10:45 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:56:51 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	0.00	43	0	N.D.	
31) 1,1,1-Trichloroethane	0.00	97	0	N.D. d	
32) Carbon Tetrachloride	0.00	117	0	N.D. d	
33) Vinyl Acetate	0.00	43	0	N.D. d	
34) Bromodichloromethane	0.00	83	0	N.D. d	
35) Dibromomethane	0.00	174	0	N.D. d	
36) 1,2-Dichloropropane	0.00	63	0	N.D. d	
37) Trichloroethene	0.00	130	0	N.D. d	
38) Benzene	6.64	78	14433	1.20 ug/l	100
40) Dibromochloromethane	0.00	129	0	N.D. d	
41) 2-Chloroethylvinylether	0.00	63	0	N.D.	
42) cis-1,3-Dichloropropene	0.00	75	0	N.D. d	
43) trans-1,3-Dichloropropene	0.00	75	0	N.D. d	
44) 1,1,2-Trichloroethane	0.00	97	0	N.D. d	
45) 1,2-Dibromoethane	0.00	107	0	N.D. d	
46) 1,3-Dichloropropane	0.00	76	0	N.D. d	
47) 4-Methyl-2-Pentanone	0.00	43	0	N.D. d	
48) 2-Hexanone	0.00	43	0	N.D. d	
49) Tetrachloroethene	0.00	164	0	N.D. d	
51) Toluene	8.65	92	9091	1.07 ug/l	71
52) 1,1,1,2-Tetrachloroethane	0.00	133	0	N.D. d	
53) Chlorobenzene	0.00	112	0	N.D. d	
55) Bromoform	0.00	173	0	N.D. d	
56) Ethylbenzene	9.93	106	2034	0.76 ug/l	60
57) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D. d	
59) Styrene	0.00	104	0	N.D. d	
60) m&p-Xylenes	10.02	106	11639	1.98 ug/l	79
61) o-Xylene	10.34	106	4323	0.73 ug/l	89
62) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
63) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
64) 1,4-Dichlorobenzene	0.00	146	0	N.D. d	
65) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
66) Isopropylbenzene	10.61	105	10800	0.69 ug/l	91
67) 1,2,3-Trichloropropane	0.00	75	0	N.D. d	
68) 2-Chlorotoluene	0.00	91	0	N.D. d	
69) 4-Chlorotoluene	0.00	91	0	N.D. d	
70) n-Propylbenzene	10.93	91	19952	0.95 ug/l	99
71) Bromobenzene	0.00	77	0	N.D. d	
72) 1,3,5-Trimethylbenzene	11.04	105	15847	1.09 ug/l	90
73) t-Butylbenzene	11.29	119	9646	0.73 ug/l	82
74) 1,2,4-Trimethylbenzene	11.33	105	15999	1.08 ug/l	83

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08407.D Vial: 11
Acq On : 3 Aug 2005 14:37 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 10:45 2005 Quant Results File: 1M_S0803.RES

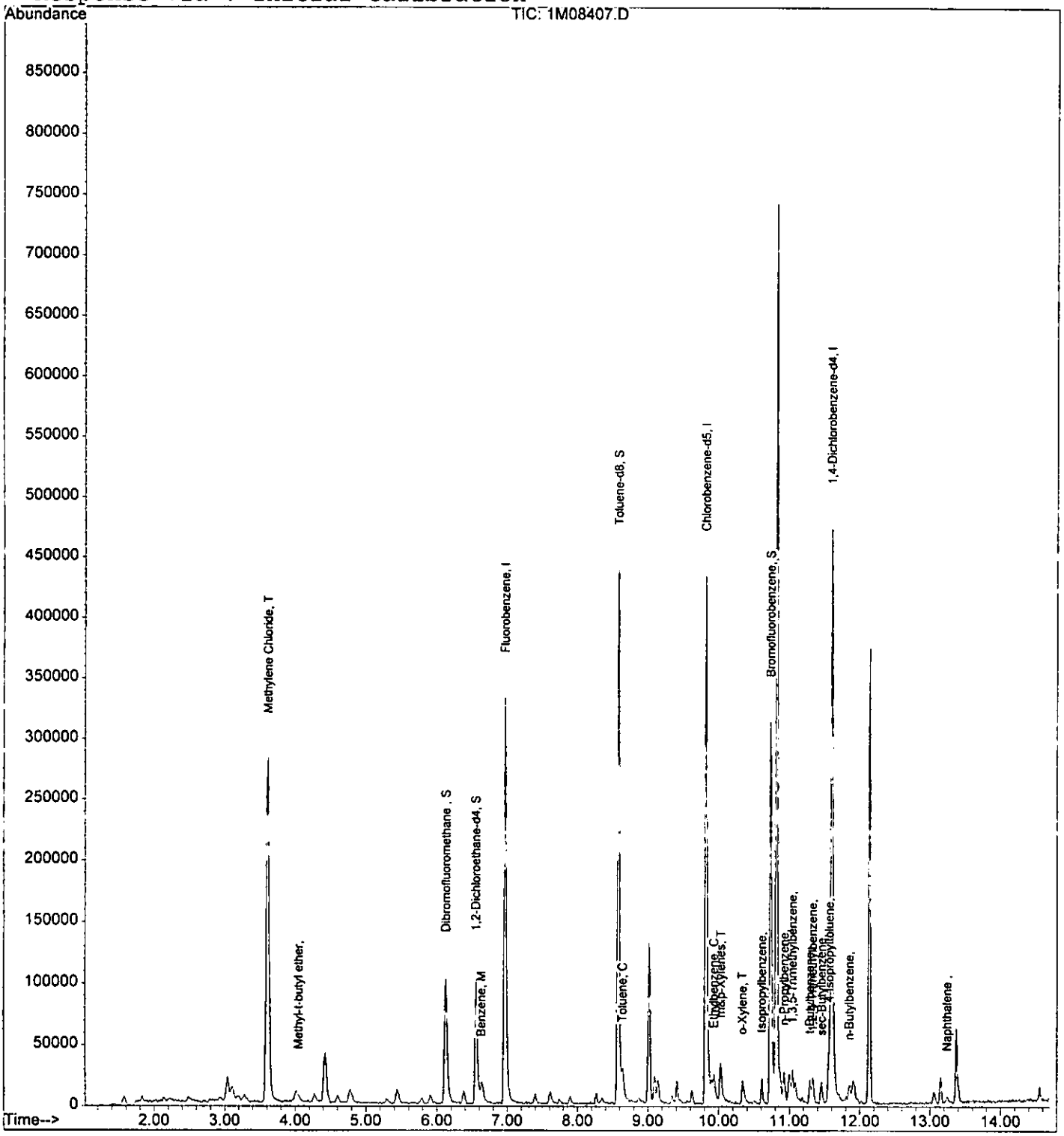
Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:56:51 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	13392	0.76 ug/l	99
76)	4-Isopropyltoluene	11.56	119	10962	0.77 ug/l	89
77)	n-Butylbenzene	11.85	91	12643	0.83 ug/l	88
78)	1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.	
79)	Hexachlorobutadiene	0.00	225	0	N.D. d	
80)	1,2,4-Trichlorobenzene	0.00	180	0	N.D. d	
81)	1,2,3-Trichlorobenzene	0.00	180	0	N.D. d	
82)	Naphthalene	13.24	128	7455	0.98 ug/l	100

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08407.D Vial: 11
Acq On : 3 Aug 2005 14:37 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 10:45 2005 Quant Results File: 1M_S0803.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 03 14:58:53 2005
Response via : Initial Calibration



Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M08445.	CAL @ 20 PPB	08/04/05 12:43	2	1M08447.	CAL @ 5 PPB	08/04/05 13:32
3	1M08446.	CAL @ 10 PPB	08/04/05 13:08	4	1M08444.	CAL @ 50 PPB	08/04/05 12:19
5	1M08443.	CAL @ 100 PPB	08/04/05 11:54	6	1M08442.	CAL @ 500 PPB	08/04/05 11:30
7	1M08448.	CAL @ 1 PPB	08/04/05 13:57				

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
Dichlorodifluoromethane	1	0	Avg	0.6395	0.6467	0.6544	0.5841	0.5483	0.4522	-----	-----	0.588	1.59	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	Avg	0.5167	0.5658	0.5444	0.5059	0.4748	0.4086	-----	-----	0.503	1.75	0.999	1.00	11**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	Avg	0.2113	0.2260	0.2210	0.1238	0.1734	-----	-----	-----	0.191	2.15	0.964	0.986	22	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.4015	0.4275	0.4066	0.3769	0.3619	0.3079	-----	-----	0.380	1.85	0.999	1.00	11*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.2044	0.2576	0.2290	0.1644	0.1830	-----	-----	-----	0.208	2.23	0.994	0.998	18	20.00	5.00	10.00	50.00	100.0			
Trichlorofluoromethane	1	0	Avg	0.4251	0.4874	0.4406	0.3759	0.3794	0.3119	-----	-----	0.403	2.50	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	LinF	0.7125	2.3430	1.1354	0.3951	0.2911	0.1876	-----	-----	0.844	3.63	0.999	1.00	96	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	Avg	0.0194	0.0189	0.0188	0.0182	0.0182	0.0155	-----	-----	0.0182	2.93	0.999	1.00	7.6	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.0807	0.0699	0.0799	0.0795	0.0719	0.0611	-----	-----	0.0739	3.98	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.3593	0.3722	0.3497	0.3400	0.3317	0.2621	-----	-----	0.336	3.21	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	LinF	0.1321	0.1866	0.1484	0.1061	0.1006	0.0809	-----	-----	0.126	3.13	0.999	1.00	30	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.8099	0.8230	0.7856	0.7692	0.7388	0.5993	-----	-----	0.754	3.30	0.998	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0112	0.0129	0.0103	0.0117	0.0112	0.0089	-----	-----	0.0111	3.87	0.997	1.00	12	100.0	25.00	50.00	250.0	500.0	2500.		
n-Hexane	1	0	LinF	0.6991	1.1110	0.7964	0.5876	0.5488	0.4197	-----	-----	0.694	4.45	0.997	1.00	35	20.00	5.00	10.00	50.00	100.0	500.0		
Di-isopropyl-ether	1	0	Avg	1.7415	1.5160	1.5837	1.7095	1.6007	1.1982	-----	-----	1.56	4.79	0.995	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.4666	0.4827	0.4675	0.4352	0.4304	0.3472	-----	-----	0.438	3.04	0.998	1.00	11*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.4891	0.5207	0.5005	0.4675	0.4511	0.3637	0.6647	-----	0.494	4.06	0.998	1.00	18	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1-Dichloroethane	1	0	Avg	0.8536	0.9346	0.8255	0.8064	0.7698	0.6199	-----	-----	0.802	4.62	0.998	1.00	13**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2235	0.2276	0.2286	0.2163	0.2070	0.1644	-----	-----	0.211	4.01	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.7374	0.6743	0.6930	0.7128	0.6793	0.5036	-----	-----	0.667	5.46	0.995	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.3979	0.4506	0.4142	0.3856	0.3700	0.3018	-----	-----	0.387	5.79	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.5865	0.5781	0.5688	0.5738	0.5391	0.4148	-----	-----	0.544	5.45	0.996	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	LinF	0.0018	0.0010	0.0013	0.0018	0.0024	0.0019	-----	-----	0.00175	7.79	0.997	0.999	26	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.5437	0.4495	0.5123	0.5636	0.5396	0.3798	-----	-----	0.498	6.39	0.993	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.6978	0.7942	0.6935	0.6745	0.6402	0.5104	-----	-----	0.668	5.92	0.998	1.00	14*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2827	0.2892	0.2909	0.2826	0.2811	0.2502	0.3079	-----	0.284	6.13	-1	-1	6.1	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.1610	0.1692	0.1649	0.1622	0.1602	0.1635	0.1813	-----	0.166	6.57	-1	-1	4.4	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.5518	0.5847	0.5538	0.5190	0.4854	0.3592	-----	-----	0.509	6.66	0.995	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	LinF	0.1325	0.0922	0.1258	0.1502	0.1442	0.1478	-----	-----	0.132	5.54	1.00	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.5740	0.5885	0.5582	0.5315	0.5202	0.4181	-----	-----	0.532	6.16	0.998	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.5033	0.5222	0.4949	0.4762	0.4496	0.3185	-----	-----	0.461	6.39	0.994	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	LinF	0.5966	0.5465	0.4019	0.7649	0.7903	-----	-----	-----	0.620	4.74	0.999	0.999	26	20.00	5.00	10.00	50.00	100.0			
Bromodichloromethane	1	0	Avg	0.5419	0.5322	0.5273	0.5188	0.4885	0.3916	-----	-----	0.500	7.90	0.998	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.2310	0.2438	0.2224	0.2191	0.2101	0.1642	-----	-----	0.215	7.74	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.4574	0.4738	0.4507	0.4605	0.4480	0.3378	-----	-----	0.438	7.61	0.996	1.00	11*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.3867	0.3841	0.3745	0.3846	0.3591	0.2600	-----	-----	0.358	7.40	0.994	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	1.5390	1.5814	1.5117	1.4552	1.3613	0.9211	1.4052	-----	1.40	6.64	0.990	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4597	0.4388	0.4330	0.4254	0.4129	0.3538	-----	-----	0.421	9.34	0.999	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	LinF	0.1747	0.0926	0.1319	0.2165	0.2209	0.2312	-----	-----	0.178	8.21	1.00	1.00	31	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.7674	0.6831	0.6725	0.7410	0.7489	0.6347	-----	-----	0.708	8.33	0.999	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.5970	0.5284	0.5333	0.6204	0.6036	0.5556	-----	-----	0.573	8.84	1.00	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,2-Trichloroethane	1	0	LinF	0.3734	0.4319	0.3816	0.3404	0.3162	0.2656	-----	-----	0.352	8.99	0.999	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		

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: 14.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

8624

Form 6
Initial Calibration

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M08445.	CAL @ 20 PPB	08/04/05 12:43	2	1M08447.	CAL @ 5 PPB	08/04/05 13:32
3	1M08446.	CAL @ 10 PPB	08/04/05 13:08	4	1M08444.	CAL @ 50 PPB	08/04/05 12:19
5	1M08443.	CAL @ 100 PPB	08/04/05 11:54	6	1M08442.	CAL @ 500 PPB	08/04/05 11:30
7	1M08448.	CAL @ 1 PPB	08/04/05 13:57				

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
1,2-Dibromoethane	1	0	Avg	0.3510	0.3539	0.3365	0.3464	0.3289	0.2933	----	----	0.335	9.44	0.999	1.00	6.7	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.7109	0.7057	0.7175	0.6433	0.5902	----	----	----	0.674	9.14	0.998	1.00	8.2	20.00	5.00	10.00	50.00	100.0			
4-Methyl-2-Pentanone	1	0	Avg	0.3673	0.3115	0.3201	0.3757	0.3928	0.3909	----	----	0.360	8.48	1.00	1.00	9.8	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	LinF	0.2601	0.2186	0.2090	0.3096	0.3192	0.3361	----	----	0.275	9.22	1.00	1.00	20	20.00	5.00	10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.4790	0.5268	0.5101	0.4336	0.4084	----	----	----	0.472	9.14	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0			
Toluene-d8	1	0	Avg	1.3576	1.3655	1.3557	1.3253	1.3544	1.5425	1.2192	----	1.36	8.59	-1	-1	7.0	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	1.2647	1.3056	1.2455	1.1520	1.0765	0.7740	1.1286	----	1.14	8.65	0.994	1.00	16*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.4664	0.4897	0.5004	0.4352	0.4059	----	----	----	0.460	9.91	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0			
Chlorobenzene	1	0	Avg	1.3962	1.4924	1.4443	1.2885	1.1863	0.8542	----	----	1.28	9.85	0.994	1.00	18**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Avg	0.4344	0.4212	0.4143	0.4661	0.4520	0.4329	----	----	0.437	10.50	1.00	1.00	4.4**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.6690	0.5767	0.6258	0.6510	0.5691	0.3688	0.3694	----	0.547	9.93	0.986	1.00	23*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	0.6467	0.7453	0.6514	0.6476	0.6168	0.5718	----	----	0.647	10.83	1.00	1.00	8.8**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.7501	0.7525	0.7280	0.7844	0.8287	0.9923	0.7283	----	0.795	10.74	-1	-1	12	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.0956	1.9842	2.0062	2.1326	1.9228	----	----	----	2.03	10.34	0.997	1.00	4.2	20.00	5.00	10.00	50.00	100.0			
m&p-Xylenes	1	0	Avg	1.3689	1.4309	1.3827	1.2774	1.1408	0.7008	1.0979	----	1.20	10.03	0.983	1.00	21	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.3735	1.3040	1.2809	1.3116	1.1879	0.7535	0.8217	----	1.15	10.33	0.985	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	Avg	0.1381	0.1351	0.1128	0.1670	0.1671	0.1457	----	----	0.144	10.86	0.999	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.7357	1.8285	1.8272	1.6683	1.4125	----	----	----	1.69	11.56	0.992	1.00	10	20.00	5.00	10.00	50.00	100.0			
1,4-Dichlorobenzene	1	0	Avg	1.7862	2.0077	1.8026	1.7053	1.6285	----	----	----	1.79	11.62	1.00	1.00	8.0	20.00	5.00	10.00	50.00	100.0			
1,2-Dichlorobenzene	1	0	Avg	1.6574	1.7168	1.7321	1.6105	1.4946	1.1306	----	----	1.56	11.90	0.996	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	3.4907	3.1298	3.3024	3.6146	3.3282	2.3145	1.8613	----	3.01	10.62	0.991	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	0.9473	0.9115	0.8566	0.8736	0.7666	----	----	----	0.871	10.86	0.994	1.00	7.8	20.00	5.00	10.00	50.00	100.0			
2-Chlorotoluene	1	0	Avg	1.4733	1.3962	1.5186	1.3911	1.3227	----	----	----	1.42	11.00	0.999	1.00	5.4	20.00	5.00	10.00	50.00	100.0			
4-Chlorotoluene	1	0	Avg	1.5488	1.3705	1.5110	1.4875	1.4265	----	----	----	1.47	11.08	0.999	1.00	4.8	20.00	5.00	10.00	50.00	100.0			
n-Propylbenzene	1	0	Avg	4.4954	4.5273	4.6148	4.5381	4.1495	2.8896	3.3574	----	4.08	10.92	0.992	1.00	17	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.8212	1.9208	1.8354	1.7594	1.6798	1.2704	----	----	1.71	10.86	0.996	1.00	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	3.3421	3.3352	3.1972	3.1582	2.9239	----	2.6753	----	3.11	11.05	0.998	1.00	8.4	20.00	5.00	10.00	50.00	100.0		1.00	
t-Butylbenzene	1	0	Avg	2.9803	2.7741	2.8443	2.9337	2.7427	1.8295	1.8830	----	2.57	11.30	0.989	1.00	19	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	3.2397	3.4459	3.2766	3.1721	2.9030	1.9661	3.0160	----	3.00	11.34	0.990	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	3.8853	3.7310	3.8553	3.8876	3.6421	2.5007	2.0562	----	3.37	11.46	0.991	1.00	23	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	3.1792	3.2024	3.1912	3.1452	2.8400	1.6535	1.7425	----	2.71	11.56	0.977	1.00	26	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	3.3396	3.0716	3.2570	3.3813	3.2322	2.2616	1.9032	----	2.92	11.86	0.992	1.00	20	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	Avg	0.1052	0.1130	0.0975	0.1205	0.1206	0.1352	----	----	0.115	12.46	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.9090	0.9259	0.8665	0.8967	0.8591	----	----	----	0.891	13.16	0.999	1.00	3.2	20.00	5.00	10.00	50.00	100.0			
1,2,4-Trichlorobenzene	1	0	Avg	1.0404	0.9951	0.9868	1.1768	1.1561	0.9147	----	----	1.05	13.05	0.997	1.00	9.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	1.0710	1.1021	1.1018	1.0790	1.0272	0.8160	----	----	1.03	13.41	0.997	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Naphthalene	1	0	LinF	1.5729	1.2624	1.3886	1.7643	1.7101	1.4869	1.0551	----	1.46	13.24	0.999	1.00	17	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

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: 14.9
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

5018

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08445.D Vial: 5
Acq On : 4 Aug 2005 12:43 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	289751	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	232279	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	153674	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	81933	30.68	ug/l	-0.02
Spiked Amount 30.000			Recovery = 102.27%			
28) 1,2-Dichloroethane-d4	6.55	67	46677	29.77	ug/l	-0.02
Spiked Amount 30.000			Recovery = 99.23%			
50) Toluene-d8	8.57	98	315364	29.67	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.90%			
58) Bromofluorobenzene	10.73	174	115285	28.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	123541	33.52	ug/l	98
3) Chloromethane	1.73	50	99818	25.25	ug/l	97
4) Bromomethane	2.14	94	40818	22.95	ug/l	99
5) Vinyl Chloride	1.83	62	77574	24.97	ug/l	99
6) Chloroethane	2.22	64	39483	22.05	ug/l	96
7) Trichlorofluoromethane	2.49	101	82128	23.51	ug/l	99
8) Methylene Chloride	3.61	84	137632	80.25	ug/l	79
9) Acrolein	2.91	56	18827	149.82	ug/l	96
10) Acrylonitrile	3.94	53	15596	25.22	ug/l	99
11) Iodomethane	3.19	142	69408	24.18	ug/l	93
12) Acetone	3.11	43	127626	174.33	ug/l	78
13) Carbon Disulfide	3.28	76	156451	25.71	ug/l	100
14) t-Butyl Alcohol	3.85	59	10852	114.68	ug/l	75
15) n-Hexane	4.41	57	135061	37.40	ug/l	89
16) Di-isopropyl-ether	4.78	45	336406	24.05	ug/l	100
17) 1,1-Dichloroethene	3.02	61	90148	24.41	ug/l	93
18) Methyl-t-butyl ether	4.03	73	94478	21.69	ug/l	89
19) 1,1-Dichloroethane	4.58	63	164896	23.10	ug/l	100
20) trans-1,2-Dichloroethene	3.99	96	43179	23.31	ug/l	96
21) cis-1,2-Dichloroethene	5.44	61	142443	23.94	ug/l	98
22) Bromochloromethane	5.76	49	76862	22.46	ug/l	90
23) 2,2-Dichloropropane	5.43	77	113310	23.34	ug/l	98
24) 1,4-Dioxane	7.77	88	17953	1055.99	ug/l	83
25) 1,1-Dichloropropene	6.37	75	105031	23.33	ug/l	94
26) Chloroform	5.90	83	134804	22.57	ug/l	96
29) 1,2-Dichloroethane	6.65	62	106608	22.19	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08445.D Vial: 5
Acq On : 4 Aug 2005 12:43 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	5.52	43	25608	19.49 ug/l	69
31) 1,1,1-Trichloroethane	6.14	97	110884	22.91 ug/l	94
32) Carbon Tetrachloride	6.37	117	97239	23.31 ug/l	97
33) Vinyl Acetate	4.74	43	115255m	20.52 ug/l	
34) Bromodichloromethane	7.88	83	104680	23.05 ug/l	96
35) Dibromomethane	7.72	174	44622	23.18 ug/l	95
36) 1,2-Dichloropropane	7.59	63	88367	22.03 ug/l	95
37) Trichloroethene	7.38	130	74714	22.56 ug/l	93
38) Benzene	6.62	78	297289	22.90 ug/l	100
40) Dibromochloromethane	9.33	129	71197	22.75 ug/l	100
41) 2-Chloroethylvinylether	8.20	63	27053	17.58 ug/l	95
42) cis-1,3-Dichloropropene	8.32	75	118843	23.10 ug/l	94
43) trans-1,3-Dichloropropene	8.83	75	92460	21.80 ug/l	99
44) 1,1,2-Trichloroethane	8.98	97	57822	29.95 ug/l	95
45) 1,2-Dibromoethane	9.43	107	54361	21.59 ug/l	97
46) 1,3-Dichloropropane	9.13	76	110094	21.66 ug/l	100
47) 4-Methyl-2-Pentanone	8.47	43	56882	21.49 ug/l	92
48) 2-Hexanone	9.21	43	40282	16.91 ug/l	83
49) Tetrachloroethene	9.13	164	74181	22.16 ug/l	88
51) Toluene	8.63	92	195854	22.59 ug/l	89
52) 1,1,1,2-Tetrachloroethane	9.90	133	72236	20.97 ug/l	91
53) Chlorobenzene	9.83	112	216207	22.73 ug/l	99
55) Bromoform	10.48	173	44509	20.63 ug/l	88
56) Ethylbenzene	9.92	106	68544	25.56 ug/l	97
57) 1,1,2,2-Tetrachloroethane	10.82	83	66259	20.38 ug/l	98
59) Styrene	10.33	104	214698	20.71 ug/l	93
60) m&p-Xylenes	10.01	106	280501	46.21 ug/l	93
61) o-Xylene	10.32	106	140715	24.03 ug/l	98
62) trans-1,4-Dichloro-2-buten	10.86	53	14157m	18.30 ug/l	
63) 1,3-Dichlorobenzene	11.56	146	177821	20.60 ug/l	92
64) 1,4-Dichlorobenzene	11.62	146	183000	19.32 ug/l	87
65) 1,2-Dichlorobenzene	11.89	146	169801	19.99 ug/l	92
66) Isopropylbenzene	10.60	105	357625	23.22 ug/l	98
67) 1,2,3-Trichloropropane	10.86	75	97058	20.95 ug/l	77
68) 2-Chlorotoluene	10.99	91	150948	21.82 ug/l	95
69) 4-Chlorotoluene	11.07	91	158683	22.49 ug/l	93
70) n-Propylbenzene	10.92	91	460552	21.42 ug/l	95
71) Bromobenzene	10.86	77	186582	20.35 ug/l	81
72) 1,3,5-Trimethylbenzene	11.04	105	342405	22.49 ug/l	95
73) t-Butylbenzene	11.29	119	305331	23.21 ug/l	94
74) 1,2,4-Trimethylbenzene	11.32	105	331905	21.45 ug/l	89

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08445.D Vial: 5
Acq On : 4 Aug 2005 12:43 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

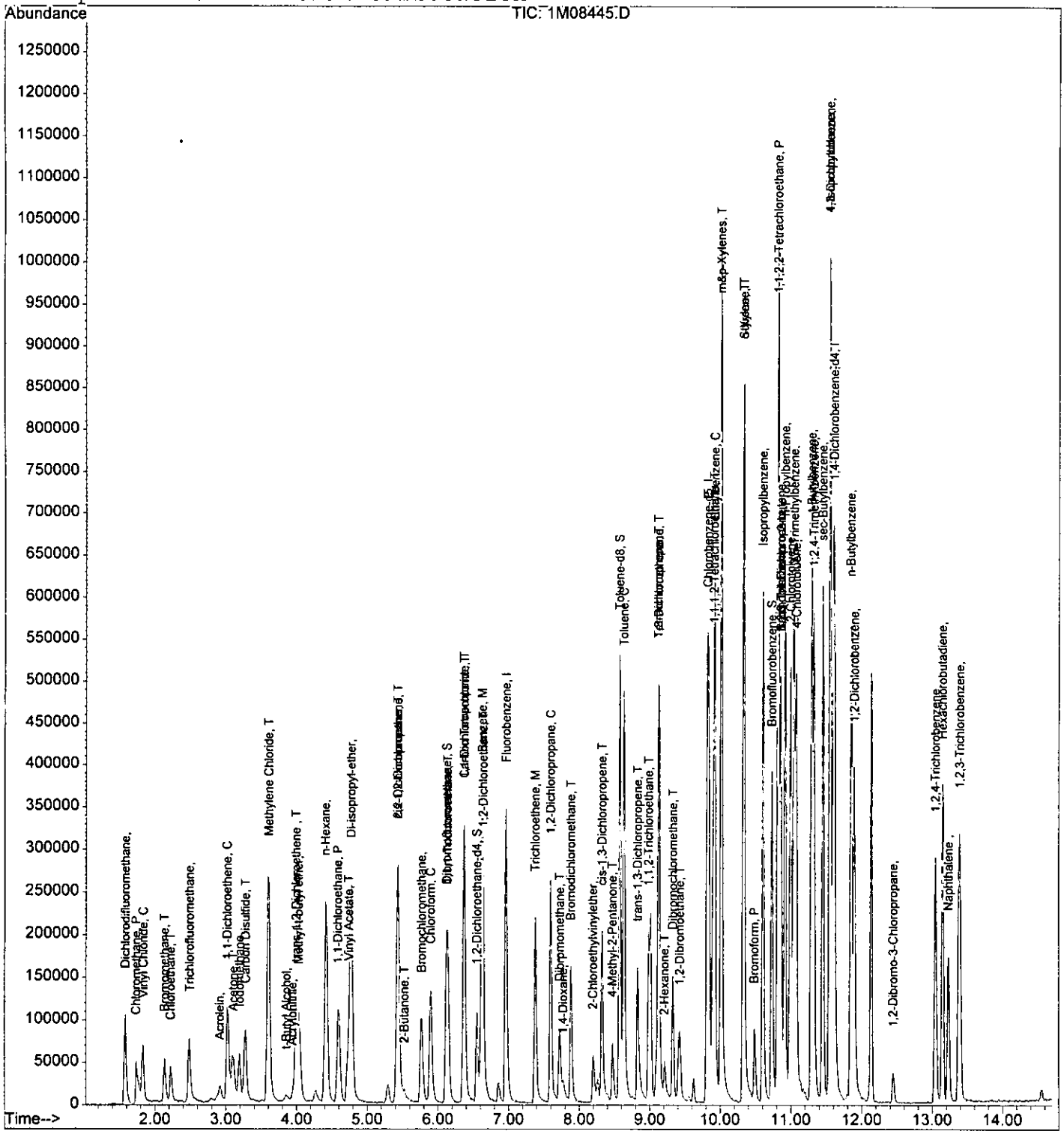
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	398047	22.72	ug/l	97
76)	4-Isopropyltoluene	11.55	119	325716	22.88	ug/l	98
77)	n-Butylbenzene	11.84	91	342149	22.26	ug/l	96
78)	1,2-Dibromo-3-Chloropropan	12.44	157	10781	17.86	ug/l	70
79)	Hexachlorobutadiene	13.15	225	93135	21.16	ug/l	97
80)	1,2,4-Trichlorobenzene	13.04	180	106591	19.58	ug/l	95
81)	1,2,3-Trichlorobenzene	13.39	180	109724	20.52	ug/l	98
82)	Naphthalene	13.23	128	161150	20.51	ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08445.D Vial: 5
Acq On : 4 Aug 2005 12:43 Operator: DB
Sample : CAL @ 20 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08447.D Vial: 7
Acq On : 4 Aug 2005 13:32 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:18 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	280548	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	230477	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.61	152	152560	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	81141	31.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.60%			
28) 1,2-Dichloroethane-d4	6.55	67	47470	31.27	ug/l	-0.02
Spiked Amount 30.000			Recovery = 104.23%			
50) Toluene-d8	8.58	98	314725	29.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.47%			
58) Bromofluorobenzene	10.74	174	114807	28.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.53%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	30242	8.47	ug/l	92
3) Chloromethane	1.75	50	26456	6.91	ug/l	99
4) Bromomethane	2.13	94	10568	6.14	ug/l	98
5) Vinyl Chloride	1.83	62	19992	6.65	ug/l	94
6) Chloroethane	2.24	64	12045	6.95	ug/l	95
7) Trichlorofluoromethane	2.49	101	22791	6.74	ug/l	96
8) Methylene Chloride	3.61	84	109556	65.97	ug/l	84
9) Acrolein	2.92	56	4435	36.45	ug/l	91
10) Acrylonitrile	3.94	53	3271	5.46	ug/l	72
11) Iodomethane	3.19	142	17406	6.26	ug/l	92
12) Acetone	3.11	43	43631	61.55	ug/l	76
13) Carbon Disulfide	3.28	76	38483	6.53	ug/l	100
14) t-Butyl Alcohol	3.85	59	3031	33.08	ug/l	54
15) n-Hexane	4.43	57	51950	14.86	ug/l	98
16) Di-isopropyl-ether	4.78	45	70887	5.23	ug/l	100
17) 1,1-Dichloroethene	3.04	61	22572	6.31	ug/l	93
18) Methyl-t-butyl ether	4.05	73	24349	5.77	ug/l	74
19) 1,1-Dichloroethane	4.60	63	43700	6.32	ug/l	95
20) trans-1,2-Dichloroethene	3.99	96	10644	5.93	ug/l	77
21) cis-1,2-Dichloroethene	5.45	61	31529	5.47	ug/l	98
22) Bromochloromethane	5.78	49	21072	6.36	ug/l	97
23) 2,2-Dichloropropane	5.44	77	27034	5.75	ug/l	92
24) 1,4-Dioxane	7.79	88	2516	152.84	ug/l	79
25) 1,1-Dichloropropene	6.38	75	21021	4.82	ug/l	97
26) Chloroform	5.90	83	37136	6.42	ug/l	89
29) 1,2-Dichloroethane	6.66	62	27342	5.88	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08447.D Vial: 7
Acq On : 4 Aug 2005 13:32 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:18 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	5.56	43	4313	3.39 ug/l	64
31) 1,1,1-Trichloroethane	6.15	97	27519	5.87 ug/l	91
32) Carbon Tetrachloride	6.37	117	24420	6.05 ug/l	91
33) Vinyl Acetate	4.76	43	25555m	4.70 ug/l	
34) Bromodichloromethane	7.89	83	24886	5.66 ug/l	80
35) Dibromomethane	7.74	174	11404	6.12 ug/l	85
36) 1,2-Dichloropropane	7.60	63	22156	5.70 ug/l	88
37) Trichloroethene	7.39	130	17964	5.60 ug/l	87
38) Benzene	6.63	78	73943	5.88 ug/l	100
40) Dibromochloromethane	9.34	129	16856	5.43 ug/l	97
41) 2-Chloroethylvinylether	8.22	63	3560	2.33 ug/l	58
42) cis-1,3-Dichloropropene	8.33	75	26243	5.14 ug/l	98
43) trans-1,3-Dichloropropene	8.86	75	20300	4.82 ug/l	81
44) 1,1,2-Trichloroethane	8.99	97	16591	8.66 ug/l	85
45) 1,2-Dibromoethane	9.44	107	13596	5.44 ug/l	98
46) 1,3-Dichloropropane	9.13	76	27109	5.37 ug/l	94
47) 4-Methyl-2-Pentanone	8.48	43	11969	4.56 ug/l	73
48) 2-Hexanone	9.25	43	8397	3.55 ug/l	96
49) Tetrachloroethene	9.13	164	20238	6.09 ug/l	95
51) Toluene	8.64	92	50155	5.83 ug/l	84
52) 1,1,1,2-Tetrachloroethane	9.90	133	18812	5.50 ug/l	84
53) Chlorobenzene	9.84	112	57329	6.07 ug/l	94
55) Bromoform	10.49	173	10710	5.00 ug/l	80
56) Ethylbenzene	9.93	106	14665	5.51 ug/l	98
57) 1,1,2,2-Tetrachloroethane	10.82	83	18952	5.87 ug/l	84
59) Styrene	10.34	104	50452	4.90 ug/l	99
60) m&p-Xylenes	10.02	106	72768	12.08 ug/l	90
61) o-Xylene	10.33	106	33157	5.70 ug/l	98
62) trans-1,4-Dichloro-2-buten	10.87	53	3436m	4.47 ug/l	
63) 1,3-Dichlorobenzene	11.56	146	46495	5.42 ug/l	93
64) 1,4-Dichlorobenzene	11.62	146	51049	5.43 ug/l	98
65) 1,2-Dichlorobenzene	11.90	146	43653	5.18 ug/l	92
66) Isopropylbenzene	10.61	105	79581	5.21 ug/l	98
67) 1,2,3-Trichloropropane	10.86	75	23178	5.04 ug/l	65
68) 2-Chlorotoluene	10.99	91	35501	5.17 ug/l	97
69) 4-Chlorotoluene	11.08	91	34848	4.98 ug/l	93
70) n-Propylbenzene	10.92	91	115115	5.39 ug/l	96
71) Bromobenzene	10.86	77	48840	5.37 ug/l	83
72) 1,3,5-Trimethylbenzene	11.04	105	84803	5.61 ug/l	100
73) t-Butylbenzene	11.29	119	70538	5.40 ug/l	99
74) 1,2,4-Trimethylbenzene	11.33	105	87618	5.70 ug/l	87

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08447.D Vial: 7
Acq On : 4 Aug 2005 13:32 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:18 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

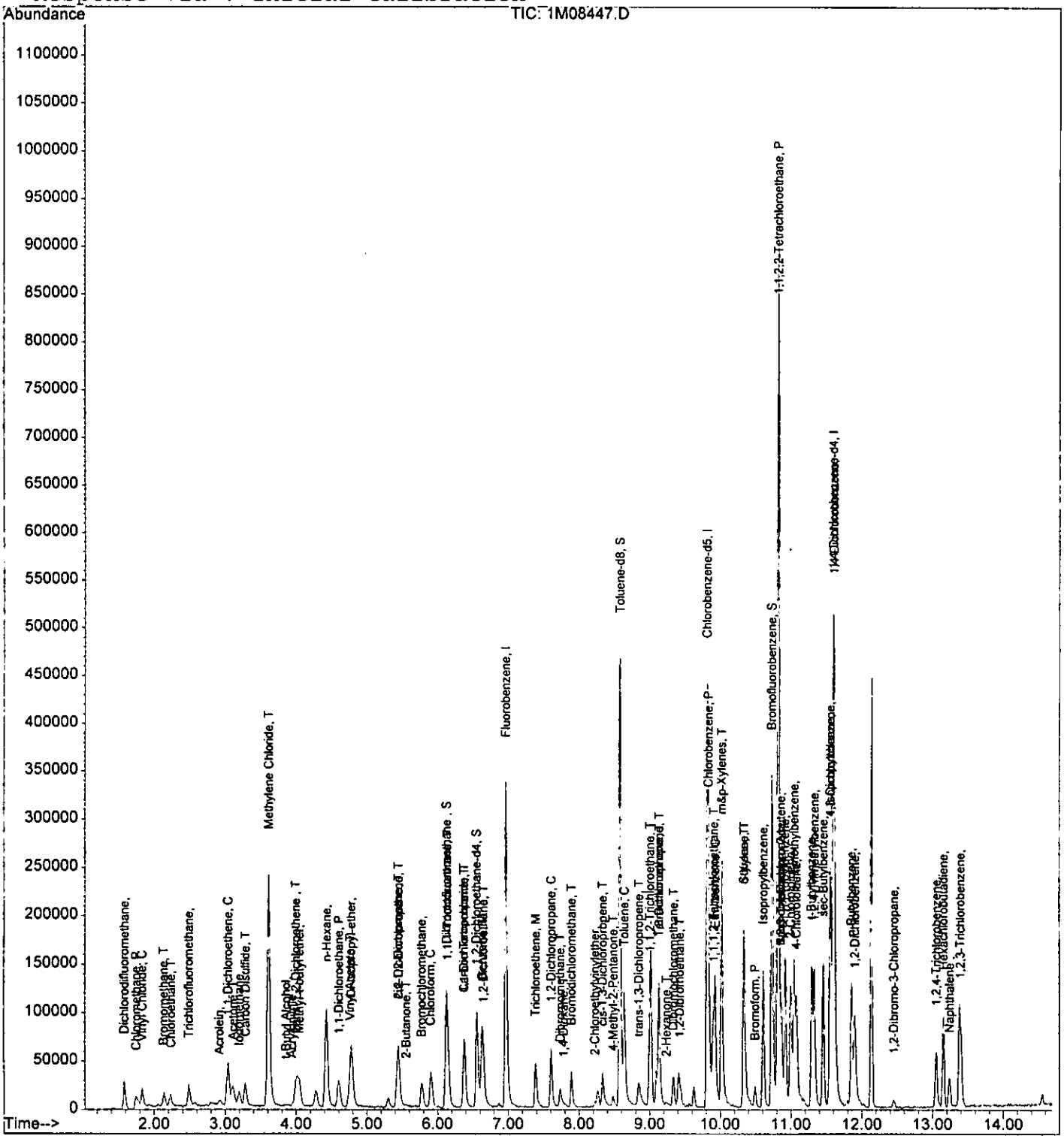
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75) sec-Butylbenzene	11.46	105	94868	5.45 ug/l	100
76) 4-Isopropyltoluene	11.56	119	81427	5.76 ug/l	98
77) n-Butylbenzene	11.85	91	78101	5.12 ug/l	95
78) 1,2-Dibromo-3-Chloropropan	12.44	157	2874	4.79 ug/l	54
79) Hexachlorobutadiene	13.15	225	23543	5.39 ug/l	96
80) 1,2,4-Trichlorobenzene	13.05	180	25302	4.68 ug/l	96
81) 1,2,3-Trichlorobenzene	13.40	180	28025	5.28 ug/l	95
82) Naphthalene	13.24	128	32099	4.12 ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08447.D Vial: 7
Acq On : 4 Aug 2005 13:32 Operator: DB
Sample : CAL @ 5 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:18 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08446.D Vial: 6
Acq On : 4 Aug 2005 13:08 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	281991	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	232149	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	152818	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	82043	31.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.20%			
28) 1,2-Dichloroethane-d4	6.55	67	46524	30.49	ug/l	-0.02
Spiked Amount 30.000			Recovery = 101.63%			
50) Toluene-d8	8.57	98	314726	29.62	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.73%			
58) Bromofluorobenzene	10.73	174	111256	27.43	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.43%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	61516	17.15	ug/l	97
3) Chloromethane	1.74	50	51175	13.30	ug/l	95
4) Bromomethane	2.14	94	20778	12.01	ug/l	84
5) Vinyl Chloride	1.84	62	38228	12.64	ug/l	94
6) Chloroethane	2.22	64	21532	12.35	ug/l	94
7) Trichlorofluoromethane	2.49	101	41418	12.18	ug/l	97
8) Methylene Chloride	3.61	84	106732	63.94	ug/l	83
9) Acrolein	2.92	56	8872	72.54	ug/l	95
10) Acrylonitrile	3.96	53	7511	12.48	ug/l	91
11) Iodomethane	3.19	142	32871	11.76	ug/l	76
12) Acetone	3.11	43	69764	97.92	ug/l	85
13) Carbon Disulfide	3.28	76	73849	12.47	ug/l	100
14) t-Butyl Alcohol	3.85	59	4856	52.73	ug/l	52
15) n-Hexane	4.43	57	74863	21.30	ug/l	95
16) Di-isopropyl-ether	4.78	45	148867	10.93	ug/l	100
17) 1,1-Dichloroethene	3.02	61	43950	12.23	ug/l	85
18) Methyl-t-butyl ether	4.03	73	47050	11.10	ug/l	85
19) 1,1-Dichloroethane	4.60	63	77602	11.17	ug/l	98
20) trans-1,2-Dichloroethene	3.99	96	21492	11.92	ug/l	71
21) cis-1,2-Dichloroethene	5.45	61	65144	11.25	ug/l	99
22) Bromochloromethane	5.77	49	38940	11.69	ug/l	95
23) 2,2-Dichloropropane	5.43	77	53469	11.32	ug/l	99
24) 1,4-Dioxane	7.78	88	6553	396.05	ug/l	83
25) 1,1-Dichloropropene	6.38	75	48155	10.99	ug/l	93
26) Chloroform	5.90	83	65190	11.21	ug/l	95
29) 1,2-Dichloroethane	6.65	62	52056	11.14	ug/l	97

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08446.D Vial: 6
Acq On : 4 Aug 2005 13:08 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	2-Butanone	5.54	43	11831	9.25	ug/l	88
31)	1,1,1-Trichloroethane	6.14	97	52472	11.14	ug/l	85
32)	Carbon Tetrachloride	6.37	117	46526	11.46	ug/l	91
33)	Vinyl Acetate	4.74	43	37780m	6.91	ug/l	
34)	Bromodichloromethane	7.89	83	49566	11.22	ug/l	97
35)	Dibromomethane	7.73	174	20912	11.16	ug/l	91
36)	1,2-Dichloropropane	7.59	63	42373	10.85	ug/l	99
37)	Trichloroethene	7.38	130	35204	10.92	ug/l	96
38)	Benzene	6.63	78	142104	11.25	ug/l	100
40)	Dibromochloromethane	9.33	129	33513	10.72	ug/l	90
41)	2-Chloroethylvinylether	8.21	63	10214	6.64	ug/l	89
42)	cis-1,3-Dichloropropene	8.32	75	52040	10.12	ug/l	98
43)	trans-1,3-Dichloropropene	8.84	75	41275	9.74	ug/l	97
44)	1,1,2-Trichloroethane	8.98	97	29532	15.30	ug/l	92
45)	1,2-Dibromoethane	9.43	107	26046	10.35	ug/l	91
46)	1,3-Dichloropropane	9.13	76	55525	10.93	ug/l	99
47)	4-Methyl-2-Pentanone	8.48	43	24770	9.36	ug/l	95
48)	2-Hexanone	9.22	43	16179	6.80	ug/l	93
49)	Tetrachloroethene	9.13	164	39477	11.80	ug/l	100
51)	Toluene	8.64	92	96384	11.13	ug/l	85
52)	1,1,1,2-Tetrachloroethane	9.90	133	38725	11.25	ug/l	94
53)	Chlorobenzene	9.84	112	111771	11.76	ug/l	95
55)	Bromoform	10.49	173	21109	9.84	ug/l	92
56)	Ethylbenzene	9.92	106	31880	11.95	ug/l	90
57)	1,1,2,2-Tetrachloroethane	10.82	83	33184	10.26	ug/l	96
59)	Styrene	10.33	104	102197	9.91	ug/l	91
60)	m&p-Xylenes	10.01	106	140870	23.34	ug/l	94
61)	o-Xylene	10.32	106	65249	11.21	ug/l	90
62)	trans-1,4-Dichloro-2-buten	10.86	53	5748m	7.47	ug/l	
63)	1,3-Dichlorobenzene	11.56	146	93078	10.84	ug/l	91
64)	1,4-Dichlorobenzene	11.62	146	91827	9.75	ug/l	92
65)	1,2-Dichlorobenzene	11.89	146	88235	10.45	ug/l	90
66)	Isopropylbenzene	10.60	105	168225	10.99	ug/l	99
67)	1,2,3-Trichloropropane	10.86	75	43639	9.47	ug/l	64
68)	2-Chlorotoluene	10.99	91	77357	11.24	ug/l	96
69)	4-Chlorotoluene	11.07	91	76972	10.97	ug/l	94
70)	n-Propylbenzene	10.92	91	235075	10.99	ug/l	98
71)	Bromobenzene	10.86	77	93496	10.26	ug/l	80
72)	1,3,5-Trimethylbenzene	11.04	105	162866	10.76	ug/l	97
73)	t-Butylbenzene	11.29	119	144890	11.07	ug/l	95
74)	1,2,4-Trimethylbenzene	11.32	105	166908	10.85	ug/l	89

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08446.D Vial: 6
Acq On : 4 Aug 2005 13:08 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

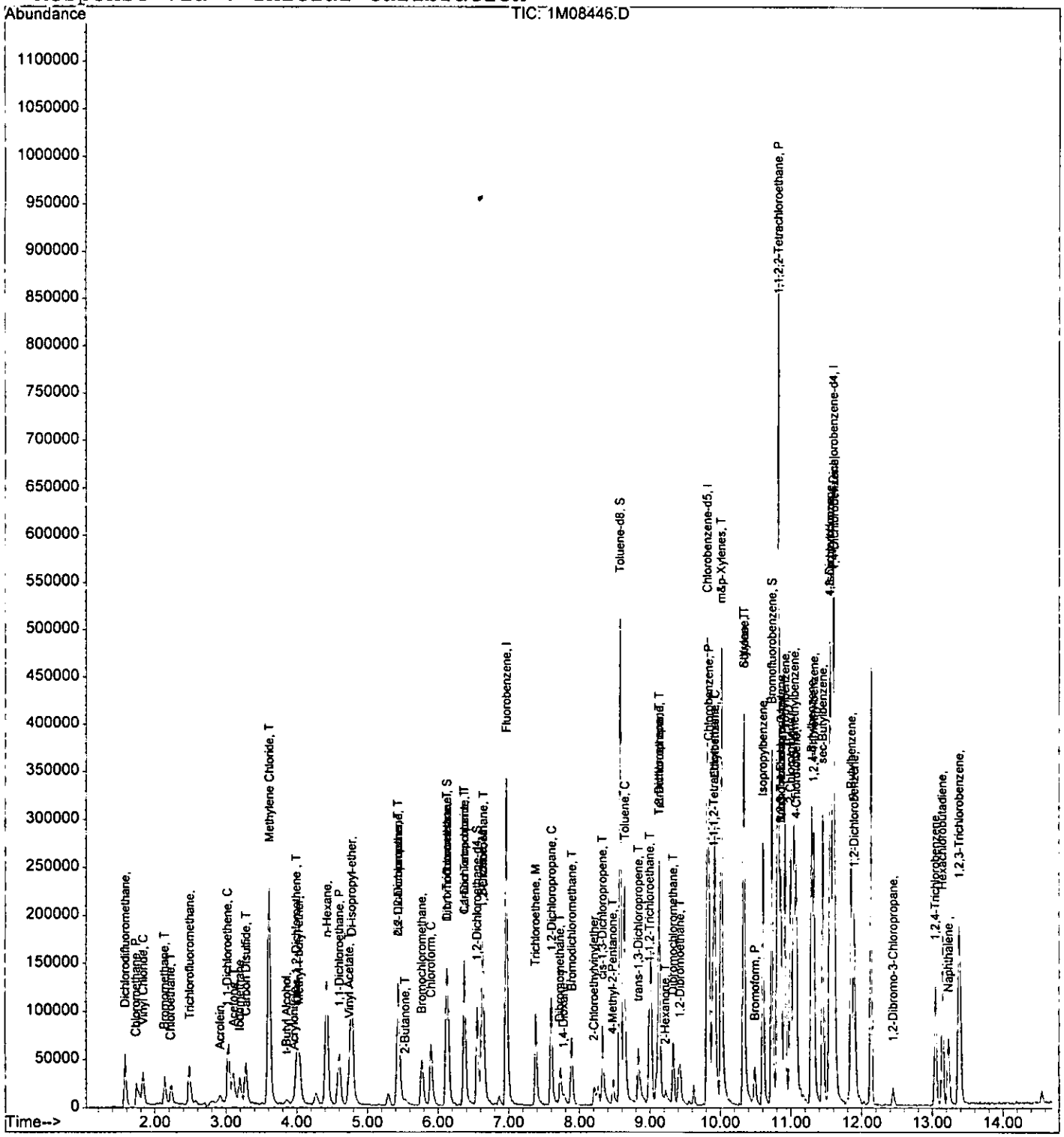
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	196390	11.27 ug/l	98
76)	4-Isopropyltoluene	11.55	119	162559	11.49 ug/l	98
77)	n-Butylbenzene	11.85	91	165911	10.86 ug/l	94
78)	1,2-Dibromo-3-Chloropropan	12.44	157	4967	8.27 ug/l	70
79)	Hexachlorobutadiene	13.15	225	44140	10.08 ug/l	97
80)	1,2,4-Trichlorobenzene	13.04	180	50269	9.29 ug/l	96
81)	1,2,3-Trichlorobenzene	13.39	180	56129	10.56 ug/l	96
82)	Naphthalene	13.23	128	70739	9.05 ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08446.D Vial: 6
Acq On : 4 Aug 2005 13:08 Operator: DB
Sample : CAL @ 10 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:54 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08444.D Vial: 4
Acq On : 4 Aug 2005 12:19 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:24 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	297344	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	246910	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	148378	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.11	111	84040	30.66	ug/l	-0.03
Spiked Amount 30.000			Recovery =	102.20%		
28) 1,2-Dichloroethane-d4	6.55	67	48237	29.98	ug/l	-0.02
Spiked Amount 30.000			Recovery =	99.93%		
50) Toluene-d8	8.57	98	327241	28.96	ug/l	-0.02
Spiked Amount 30.000			Recovery =	96.53%		
58) Bromofluorobenzene	10.73	174	116399	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.53%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	289486	76.53	ug/l	99
3) Chloromethane	1.73	50	250750	61.80	ug/l	99
4) Bromomethane	2.11	94	61371m	33.63	ug/l	
5) Vinyl Chloride	1.83	62	186794	58.58	ug/l	100
6) Chloroethane	2.22	64	81488	44.34	ug/l	99
7) Trichlorofluoromethane	2.48	101	186286	51.95	ug/l	96
8) Methylene Chloride	3.59	84	195818	111.26	ug/l	88
9) Acrolein	2.92	56	45278	351.10	ug/l	92
10) Acrylonitrile	3.94	53	39416	62.10	ug/l	98
11) Iodomethane	3.19	142	168502	57.19	ug/l	97
12) Acetone	3.09	43	263086	350.19	ug/l	84
13) Carbon Disulfide	3.26	76	381225	61.05	ug/l	100
14) t-Butyl Alcohol	3.85	59	29165	300.34	ug/l	91
15) n-Hexane	4.41	57	291212	78.58	ug/l	89
16) Di-isopropyl-ether	4.76	45	847229	59.01	ug/l	100
17) 1,1-Dichloroethene	3.02	61	215682	56.91	ug/l	98
18) Methyl-t-butyl ether	4.03	73	231680	51.84	ug/l	90
19) 1,1-Dichloroethane	4.58	63	399657	54.56	ug/l	98
20) trans-1,2-Dichloroethene	3.99	96	107211	56.39	ug/l	92
21) cis-1,2-Dichloroethene	5.43	61	353279	57.87	ug/l	93
22) Bromochloromethane	5.76	49	191118	54.41	ug/l	96
23) 2,2-Dichloropropane	5.43	77	284371	57.08	ug/l	99
24) 1,4-Dioxane	7.77	88	45844	2627.66	ug/l	88
25) 1,1-Dichloropropene	6.36	75	279338	60.47	ug/l	96
26) Chloroform	5.89	83	334269	54.53	ug/l	97
29) 1,2-Dichloroethane	6.64	62	257217	52.18	ug/l	94

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08444.D Vial: 4
Acq On : 4 Aug 2005 12:19 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:24 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	5.50	43	74458	55.22 ug/l	95
31) 1,1,1-Trichloroethane	6.14	97	263415	53.05 ug/l	98
32) Carbon Tetrachloride	6.36	117	236034	55.14 ug/l	98
33) Vinyl Acetate	4.71	43	379094m	65.77 ug/l	
34) Bromodichloromethane	7.88	83	257109	55.18 ug/l	93
35) Dibromomethane	7.72	174	108581	54.96 ug/l	95
36) 1,2-Dichloropropane	7.59	63	228254	55.45 ug/l	99
37) Trichloroethene	7.37	130	190618	56.08 ug/l	90
38) Benzene	6.62	78	721174	54.14 ug/l	100
40) Dibromochloromethane	9.32	129	175085	52.64 ug/l	98
41) 2-Chloroethylvinylether	8.19	63	89103	54.47 ug/l	98
42) cis-1,3-Dichloropropene	8.31	75	304971	55.78 ug/l	98
43) trans-1,3-Dichloropropene	8.82	75	255338	56.64 ug/l	99
44) 1,1,2-Trichloroethane	8.97	97	140083	68.25 ug/l	89
45) 1,2-Dibromoethane	9.42	107	142561	53.26 ug/l	91
46) 1,3-Dichloropropane	9.12	76	264740	48.99 ug/l	99
47) 4-Methyl-2-Pentanone	8.46	43	154626	54.96 ug/l	99
48) 2-Hexanone	9.20	43	127443	50.34 ug/l	97
49) Tetrachloroethene	9.12	164	178456	50.16 ug/l	89
51) Toluene	8.63	92	474104	51.45 ug/l	87
52) 1,1,1,2-Tetrachloroethane	9.89	133	179119	48.92 ug/l	88
53) Chlorobenzene	9.83	112	530265	52.45 ug/l	97
55) Bromoform	10.48	173	115274	55.33 ug/l	92
56) Ethylbenzene	9.92	106	160992	62.18 ug/l	99
57) 1,1,2,2-Tetrachloroethane	10.81	83	160166	51.02 ug/l	95
59) Styrene	10.33	104	527407	52.68 ug/l	100
60) m&p-Xylenes	10.01	106	631802	107.80 ug/l	92
61) o-Xylene	10.32	106	324359	57.37 ug/l	99
62) trans-1,4-Dichloro-2-buten	10.85	53	41311m	55.30 ug/l	
63) 1,3-Dichlorobenzene	11.55	146	412574	49.49 ug/l	90
64) 1,4-Dichlorobenzene	11.62	146	421719	46.10 ug/l	85
65) 1,2-Dichlorobenzene	11.89	146	398287	48.56 ug/l	93
66) Isopropylbenzene	10.60	105	893898	60.12 ug/l	98
67) 1,2,3-Trichloropropane	10.85	75	216047	48.30 ug/l	71
68) 2-Chlorotoluene	10.98	91	344031	51.50 ug/l	94
69) 4-Chlorotoluene	11.06	91	367854	54.00 ug/l	95
70) n-Propylbenzene	10.92	91	1122272	54.06 ug/l	96
71) Bromobenzene	10.85	77	435104	49.16 ug/l	81
72) 1,3,5-Trimethylbenzene	11.03	105	781021	53.13 ug/l	95
73) t-Butylbenzene	11.29	119	725495	57.11 ug/l	94
74) 1,2,4-Trimethylbenzene	11.32	105	784451	52.51 ug/l	89

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08444.D Vial: 4
Acq On : 4 Aug 2005 12:19 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:24 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

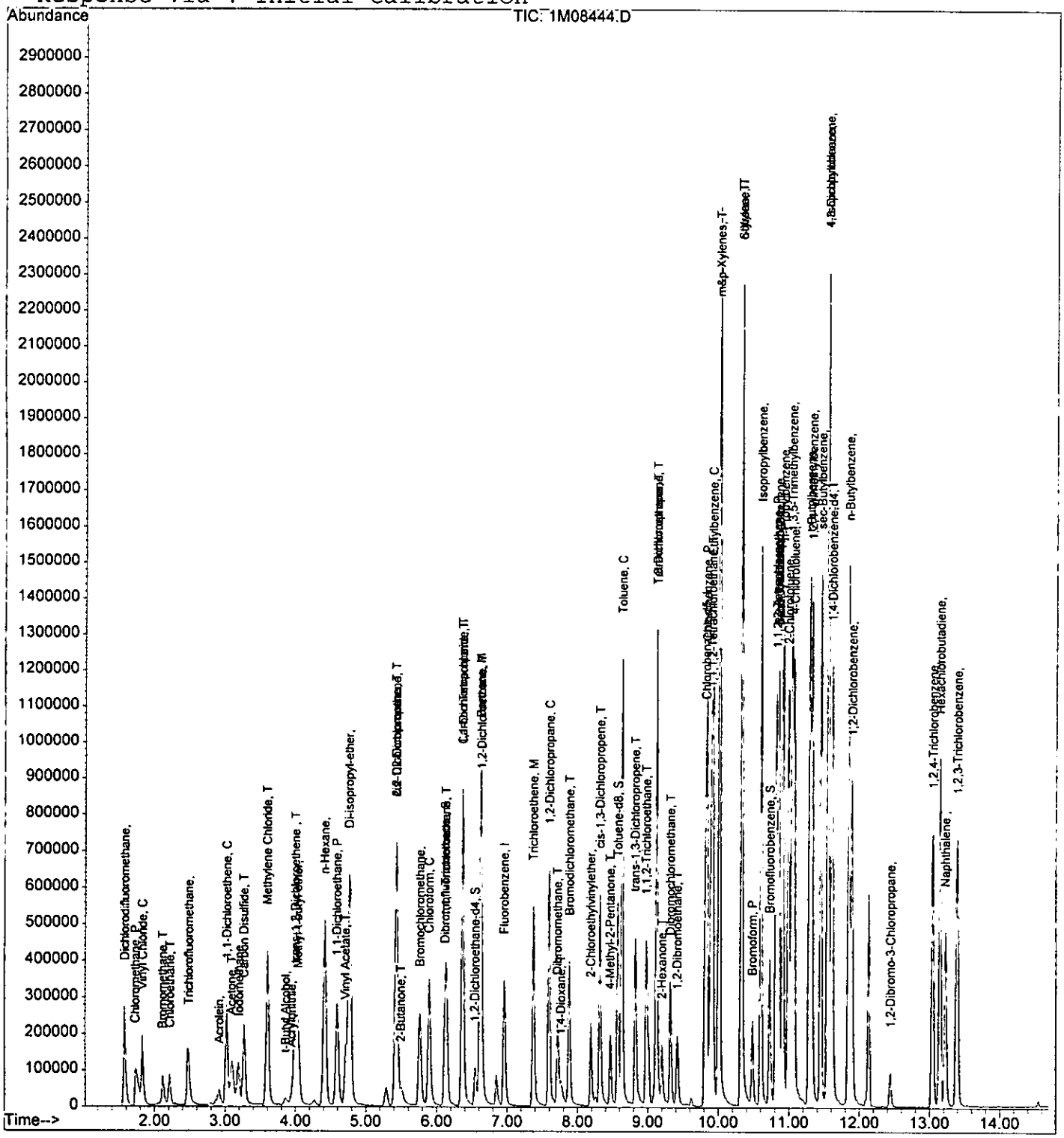
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	961399	56.82	ug/l	97
76)	4-Isopropyltoluene	11.55	119	777801	56.60	ug/l	96
77)	n-Butylbenzene	11.84	91	836191	56.35	ug/l	97
78)	1,2-Dibromo-3-Chloropropan	12.44	157	29801	51.12	ug/l	57
79)	Hexachlorobutadiene	13.14	225	221759	52.18	ug/l	98
80)	1,2,4-Trichlorobenzene	13.04	180	291028	55.37	ug/l	97
81)	1,2,3-Trichlorobenzene	13.39	180	266849	51.69	ug/l	97
82)	Naphthalene	13.22	128	436309	57.52	ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08444.D Vial: 4
Acq On : 4 Aug 2005 12:19 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:24 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08443.D Vial: 3
Acq On : 4 Aug 2005 11:54 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:50 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.95	96	292086	30.00	ug/l	-0.03
39) Chlorobenzene-d5	9.81	117	240984	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.60	152	146336	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	82109	30.50	ug/l	-0.02
Spiked Amount 30.000			Recovery = 101.67%			
28) 1,2-Dichloroethane-d4	6.55	67	46800	29.61	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.70%			
50) Toluene-d8	8.57	98	326396	29.60	ug/l	-0.02
Spiked Amount 30.000			Recovery = 98.67%			
58) Bromofluorobenzene	10.73	174	121273	31.23	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	533881	143.68	ug/l	99
3) Chloromethane	1.73	50	462294	115.99	ug/l	100
4) Bromomethane	2.13	94	168845	94.19	ug/l	97
5) Vinyl Chloride	1.83	62	352433	112.52	ug/l	99
6) Chloroethane	2.22	64	178261	98.75	ug/l	97
7) Trichlorofluoromethane	2.49	101	369430	104.89	ug/l	94
8) Methylene Chloride	3.59	84	283460	163.95	ug/l	89
9) Acrolein	2.91	56	88881	701.62	ug/l	94
10) Acrylonitrile	3.94	53	70063	112.38	ug/l	97
11) Iodomethane	3.19	142	323027	111.62	ug/l	93
12) Acetone	3.09	43	490006	663.97	ug/l	83
13) Carbon Disulfide	3.26	76	719306	117.26	ug/l	100
14) t-Butyl Alcohol	3.85	59	54547	571.83	ug/l	97
15) n-Hexane	4.41	57	534353	146.78	ug/l	87
16) Di-isopropyl-ether	4.76	45	1558471	110.50	ug/l	100
17) 1,1-Dichloroethene	3.02	61	419089	112.57	ug/l	94
18) Methyl-t-butyl ether	4.03	73	439259	100.06	ug/l	92
19) 1,1-Dichloroethane	4.58	63	749519	104.16	ug/l	99
20) trans-1,2-Dichloroethene	3.99	96	201587	107.94	ug/l	91
21) cis-1,2-Dichloroethene	5.43	61	661454	110.30	ug/l	92
22) Bromochloromethane	5.76	49	360235	104.41	ug/l	93
23) 2,2-Dichloropropane	5.43	77	524876	107.25	ug/l	98
24) 1,4-Dioxane	7.76	88	116857	6818.53	ug/l	99
25) 1,1-Dichloropropene	6.36	75	525382	115.78	ug/l	93
26) Chloroform	5.89	83	623318	103.52	ug/l	95
29) 1,2-Dichloroethane	6.64	62	472610	97.61	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08443.D Vial: 3
Acq On : 4 Aug 2005 11:54 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:50 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	5.49	43	140464	106.05 ug/l	98
31) 1,1,1-Trichloroethane	6.14	97	506492	103.83 ug/l	99
32) Carbon Tetrachloride	6.36	117	437773	104.11 ug/l	92
33) Vinyl Acetate	4.71	43	769495	135.90 ug/l	100
34) Bromodichloromethane	7.88	83	475653	103.92 ug/l	95
35) Dibromomethane	7.71	174	204635	105.44 ug/l	96
36) 1,2-Dichloropropane	7.59	63	436202	107.88 ug/l	97
37) Trichloroethene	7.37	130	349652	104.72 ug/l	98
38) Benzene	6.62	78	1325453	101.30 ug/l	100
40) Dibromochloromethane	9.32	129	331719	102.18 ug/l	99
41) 2-Chloroethylvinylether	8.19	63	177512	111.18 ug/l	96
42) cis-1,3-Dichloropropene	8.31	75	601604	112.73 ug/l	96
43) trans-1,3-Dichloropropene	8.82	75	484931	110.22 ug/l	98
44) 1,1,2-Trichloroethane	8.97	97	254073	126.83 ug/l	93
45) 1,2-Dibromoethane	9.42	107	264234	101.15 ug/l	90
46) 1,3-Dichloropropane	9.12	76	474144	89.89 ug/l	96
47) 4-Methyl-2-Pentanone	8.46	43	315528	114.91 ug/l	93
48) 2-Hexanone	9.20	43	256445	103.78 ug/l	95
49) Tetrachloroethene	9.12	164	328132	94.50 ug/l	94
51) Toluene	8.63	92	864728	96.15 ug/l	90
52) 1,1,1,2-Tetrachloroethane	9.89	133	326090	91.26 ug/l	94
53) Chlorobenzene	9.83	112	952982	96.58 ug/l	91
55) Bromoform	10.48	173	220488	107.31 ug/l	100
56) Ethylbenzene	9.92	106	277632	108.72 ug/l	99
57) 1,1,2,2-Tetrachloroethane	10.81	83	300904	97.18 ug/l	99
59) Styrene	10.33	104	937916	94.99 ug/l	99
60) m&p-Xylenes	10.01	106	1112993	192.54 ug/l	96
61) o-Xylene	10.32	106	579458	103.92 ug/l	96
62) trans-1,4-Dichloro-2-buten	10.85	53	81513	110.64 ug/l	97
63) 1,3-Dichlorobenzene	11.55	146	689023	83.81 ug/l	93
64) 1,4-Dichlorobenzene	11.62	146	794404	88.05 ug/l	85
65) 1,2-Dichlorobenzene	11.89	146	729092	90.14 ug/l	93
66) Isopropylbenzene	10.60	105	1623471	110.71 ug/l	98
67) 1,2,3-Trichloropropane	10.85	75	373935	84.76 ug/l	61
68) 2-Chlorotoluene	10.98	91	645232	97.94 ug/l	96
69) 4-Chlorotoluene	11.06	91	695845	103.57 ug/l	97
70) n-Propylbenzene	10.92	91	2024092	98.86 ug/l	95
71) Bromobenzene	10.85	77	819398	93.87 ug/l	83
72) 1,3,5-Trimethylbenzene	11.03	105	1426264	98.37 ug/l	96
73) t-Butylbenzene	11.29	119	1337892	106.78 ug/l	95
74) 1,2,4-Trimethylbenzene	11.32	105	1416085	96.12 ug/l	89

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08443.D Vial: 3
Acq On : 4 Aug 2005 11:54 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:50 2005 Quant Results File: 1M_S0804.RES

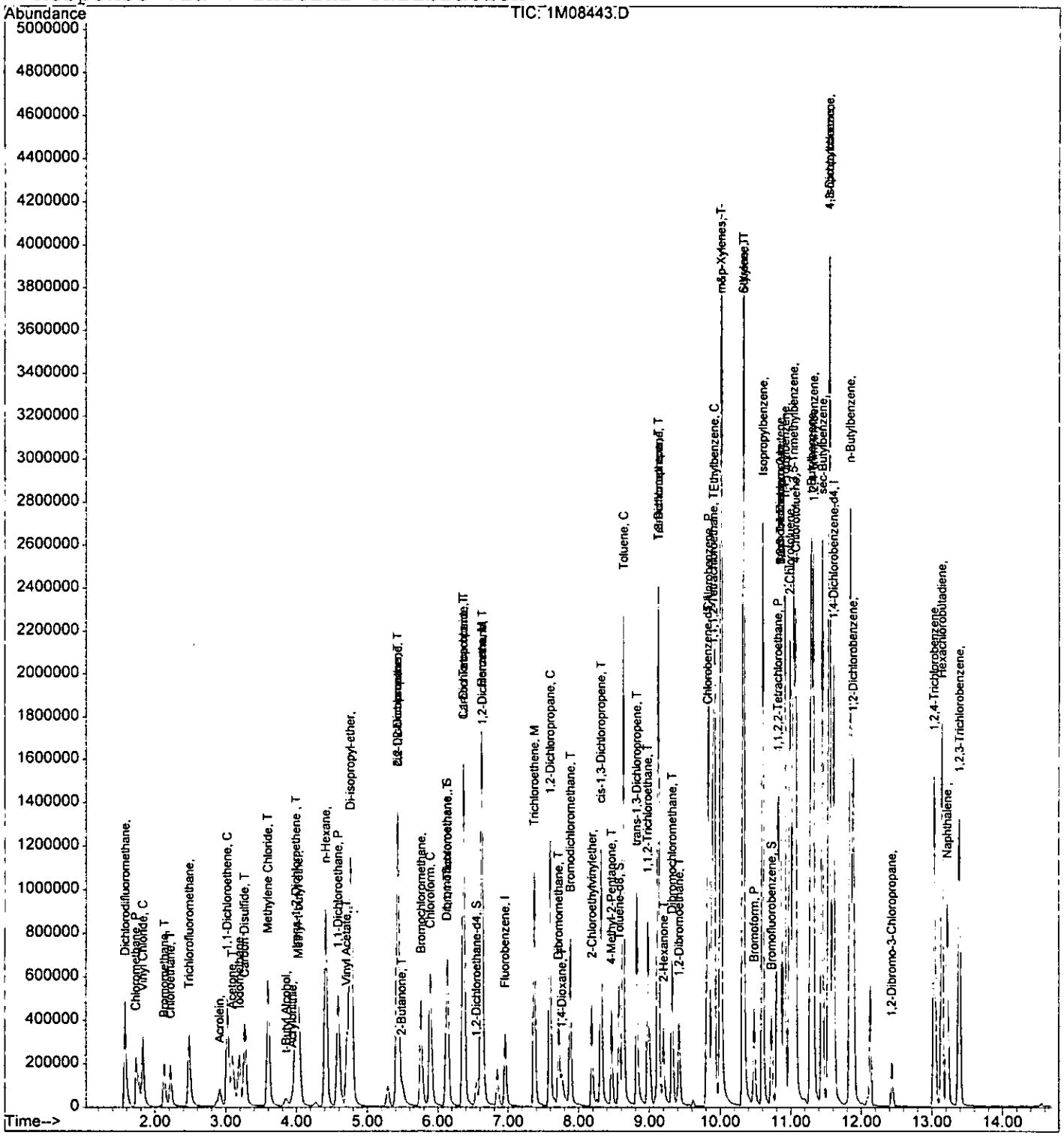
Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:41:47 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.45	105	1776602	106.47	ug/l	97
76)	4-Isopropyltoluene	11.55	119	1385337	102.21	ug/l	98
77)	n-Butylbenzene	11.84	91	1576669	107.74	ug/l	98
78)	1,2-Dibromo-3-Chloropropan	12.44	157	58863	102.38	ug/l	63
79)	Hexachlorobutadiene	13.14	225	419087	99.98	ug/l	98
80)	1,2,4-Trichlorobenzene	13.03	180	563929	108.80	ug/l	96
81)	1,2,3-Trichlorobenzene	13.39	180	501099	98.41	ug/l	95
82)	Naphthalene	13.22	128	834170	111.50	ug/l	100

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08443.D Vial: 3
Acq On : 4 Aug 2005 11:54 Operator: DB
Sample : CAL @ 100 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:50 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08442.D Vial: 2
Acq On : 4 Aug 2005 11:30 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:49 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:39:42 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	295181	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	215859	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	122957	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.11	111	73879	27.15	ug/l	-0.03
Spiked Amount 30.000			Recovery = 90.50%			
28) 1,2-Dichloroethane-d4	6.55	67	48280	30.23	ug/l	-0.02
Spiked Amount 30.000			Recovery = 100.77%			
50) Toluene-d8	8.57	98	332967	33.71	ug/l	-0.02
Spiked Amount 30.000			Recovery = 112.37%			
58) Bromofluorobenzene	10.74	174	122010	37.39	ug/l	0.00
Spiked Amount 30.000			Recovery = 124.63%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	2224969	592.52	ug/l	99
3) Chloromethane	1.73	50	2010285	499.10	ug/l	99
4) Bromomethane	2.11	94	437828	241.68	ug/l	97
5) Vinyl Chloride	1.83	62	1514748	478.55	ug/l	99
6) Chloroethane	2.20	64	617756	338.62	ug/l	99
7) Trichlorofluoromethane	2.47	101	1534747	431.18	ug/l	95
8) Methylene Chloride	3.60	84	923171	528.35	ug/l	80
9) Acrolein	2.90	56	383029	2991.89	ug/l	95
10) Acrylonitrile	3.93	53	300816	477.43	ug/l	96
11) Iodomethane	3.18	142	1289475	440.88	ug/l	89
12) Acetone	3.09	43	1992118	2671.08	ug/l	80
13) Carbon Disulfide	3.26	76	2948437	475.62	ug/l	100
14) t-Butyl Alcohol	3.86	59	220178	2283.98	ug/l	99
15) n-Hexane	4.40	57	2064900	561.25	ug/l	88
16) Di-isopropyl-ether	4.76	45	5895193	413.61	ug/l	100
17) 1,1-Dichloroethene	3.00	61	1708342	454.06	ug/l	92
18) Methyl-t-butyl ether	4.03	73	1789639	403.38	ug/l	94
19) 1,1-Dichloroethane	4.59	63	3049982	419.40	ug/l	98
20) trans-1,2-Dichloroethene	3.98	96	809226	428.77	ug/l	88
21) cis-1,2-Dichloroethene	5.43	61	2477779	408.84	ug/l	94
22) Bromochloromethane	5.75	49	1484755	425.81	ug/l	99
23) 2,2-Dichloropropane	5.43	77	2040785	412.63	ug/l	98
24) 1,4-Dioxane	7.76	88	472500	27280.98	ug/l	96
25) 1,1-Dichloropropene	6.36	75	1868882	407.52	ug/l	97
26) Chloroform	5.89	83	2511259	412.69	ug/l	97
29) 1,2-Dichloroethane	6.64	62	1767283	361.17	ug/l	97

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08442.D Vial: 2
Acq On : 4 Aug 2005 11:30 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:49 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:39:42 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) 2-Butanone	5.48	43	727304	543.36	ug/l	93
31) 1,1,1-Trichloroethane	6.13	97	2057046	417.28	ug/l	97
32) Carbon Tetrachloride	6.36	117	1567080	368.76	ug/l	93
33) Vinyl Acetate	4.71	43	3036501m	530.66	ug/l	
34) Bromodichloromethane	7.88	83	1926914	416.58	ug/l	98
35) Dibromomethane	7.71	174	808246	412.09	ug/l	94
36) 1,2-Dichloropropane	7.59	63	1662192	406.77	ug/l	100
37) Trichloroethene	7.38	130	1279436	379.17	ug/l	96
38) Benzene	6.62	78	4531866	342.72	ug/l	100
40) Dibromochloromethane	9.33	129	1273130	437.83	ug/l	99
41) 2-Chloroethylvinylether	8.18	63	831978	581.73	ug/l	99
42) cis-1,3-Dichloropropene	8.32	75	2283432	477.70	ug/l	99
43) trans-1,3-Dichloropropene	8.83	75	1999057	507.26	ug/l	97
44) 1,1,2-Trichloroethane	8.98	97	955752	532.64	ug/l	93
45) 1,2-Dibromoethane	9.43	107	1055402	451.04	ug/l	99
46) 1,3-Dichloropropane	9.13	76	1456662	308.32	ug/l	97
47) 4-Methyl-2-Pentanone	8.47	43	1406362	571.77	ug/l	93
48) 2-Hexanone	9.20	43	1209218	546.30	ug/l	97
49) Tetrachloroethene	9.13	164	916934	294.81	ug/l	95
51) Toluene	8.64	92	2784618	345.68	ug/l	95
52) 1,1,1,2-Tetrachloroethane	9.90	133	1042140	325.59	ug/l	97
53) Chlorobenzene	9.84	112	3073181	347.71	ug/l	94
55) Bromoform	10.49	173	887292	513.95	ug/l	96
56) Ethylbenzene	9.93	106	755904	352.30	ug/l	94
57) 1,1,2,2-Tetrachloroethane	10.82	83	1171778	450.40	ug/l	97
59) Styrene	10.34	104	2491954	300.37	ug/l	91
60) m&p-Xylenes	10.02	106	2872473	591.42	ug/l	99
61) o-Xylene	10.32	106	1544211	329.60	ug/l	96
62) trans-1,4-Dichloro-2-buten	10.86	53	298656	482.45	ug/l	98
63) 1,3-Dichlorobenzene	11.57	146	1683025	243.63	ug/l	98
64) 1,4-Dichlorobenzene	11.61	146	2441847	322.12	ug/l	87
65) 1,2-Dichlorobenzene	11.89	146	2317000	340.92	ug/l	96
66) Isopropylbenzene	10.61	105	4743188	384.97	ug/l	98
67) 1,2,3-Trichloropropane	10.86	75	1187546	320.36	ug/l	60
68) 2-Chlorotoluene	11.00	91	1801608	325.45	ug/l	93
69) 4-Chlorotoluene	11.07	91	1930605	341.98	ug/l	95
70) n-Propylbenzene	10.92	91	5921700	344.23	ug/l	94
71) Bromobenzene	10.86	77	2603558	354.96	ug/l	89
72) 1,3,5-Trimethylbenzene	11.04	105	3847547	315.84	ug/l	96
73) t-Butylbenzene	11.30	119	3749277	356.15	ug/l	98
74) 1,2,4-Trimethylbenzene	11.33	105	4029185	325.49	ug/l	90

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08442.D Vial: 2
Acq On : 4 Aug 2005 11:30 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:49 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 13:39:42 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

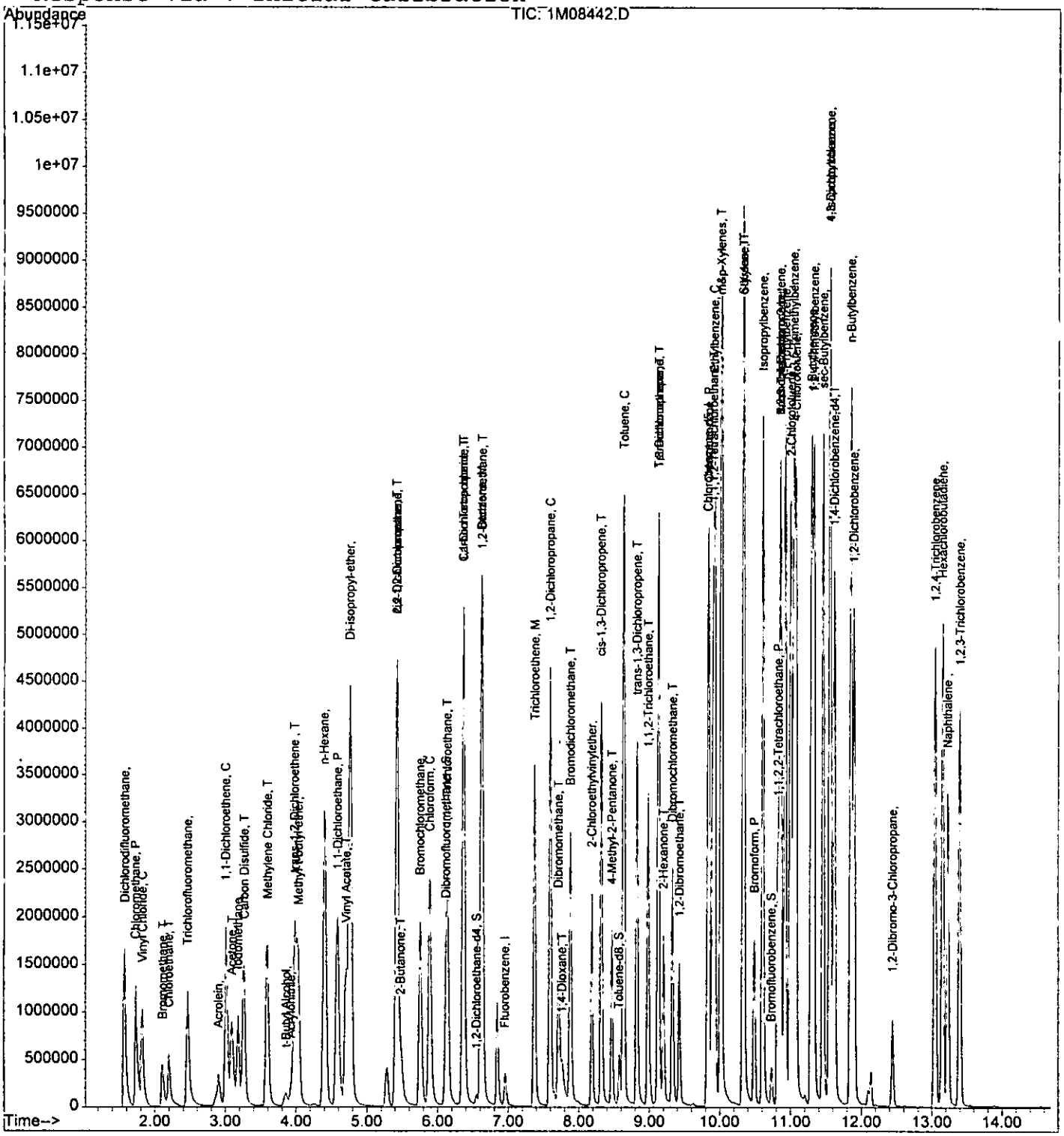
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	5124828	365.53 ug/l	96
76)	4-Isopropyltoluene	11.56	119	3388554	297.56 ug/l	99
77)	n-Butylbenzene	11.85	91	4634743	376.92 ug/l	97
78)	1,2-Dibromo-3-Chloropropan	12.44	157	277065	573.50 ug/l	58
79)	Hexachlorobutadiene	13.15	225	1321682	375.27 ug/l	98
80)	1,2,4-Trichlorobenzene	13.05	180	1874566	430.41 ug/l	97
81)	1,2,3-Trichlorobenzene	13.40	180	1672281	390.88 ug/l	96
82)	Naphthalene	13.22	128	3047215	484.74 ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08442.D Vial: 2
Acq On : 4 Aug 2005 11:30 Operator: DB
Sample : CAL @ 500 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 13:49 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08448.D Vial: 8
Acq On : 4 Aug 2005 13:57 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:36 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:21:36 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.96	96	267880	30.00 ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	234518	30.00 ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.61	152	140964	30.00 ug/l	0.00
System Monitoring Compounds					
27) Dibromofluoromethane	6.13	111	82482	33.05 ug/l	0.00
Spiked Amount 30.000			Recovery =	110.17%	
28) 1,2-Dichloroethane-d4	6.56	67	48585	33.27 ug/l	0.00
Spiked Amount 30.000			Recovery =	110.90%	
50) Toluene-d8	8.58	98	285942	26.44 ug/l	0.00
Spiked Amount 30.000			Recovery =	88.13%	
58) Bromofluorobenzene	10.74	174	102668	27.11 ug/l	0.00
Spiked Amount 30.000			Recovery =	90.37%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D. d	
3) Chloromethane	0.00	50	0	N.D. d	
4) Bromomethane	0.00	94	0	N.D. d	
5) Vinyl Chloride	0.00	62	0	N.D. d	
6) Chloroethane	0.00	64	0	N.D. d	
7) Trichlorofluoromethane	0.00	101	0	N.D. d	
8) Methylene Chloride	0.00	84	0	N.D. d	
9) Acrolein	0.00	56	0	N.D. d	
10) Acrylonitrile	0.00	53	0	N.D. d	
11) Iodomethane	0.00	142	0	N.D. d	
12) Acetone	0.00	43	0	N.D.	
13) Carbon Disulfide	0.00	76	0	N.D. d	
14) t-Butyl Alcohol	0.00	59	0	N.D. d	
15) n-Hexane	0.00	57	0	N.D. d	
16) Di-isopropyl-ether	0.00	45	0	N.D. d	
17) 1,1-Dichloroethene	0.00	61	0	N.D. d	
18) Methyl-t-butyl ether	4.05	73	5936	1.43 ug/l	61
19) 1,1-Dichloroethane	0.00	63	0	N.D. d	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D. d	
21) cis-1,2-Dichloroethene	0.00	61	0	N.D. d	
22) Bromochloromethane	0.00	49	0	N.D. d	
23) 2,2-Dichloropropane	0.00	77	0	N.D. d	
24) 1,4-Dioxane	0.00	88	0	N.D.	
25) 1,1-Dichloropropene	0.00	75	0	N.D. d	
26) Chloroform	0.00	83	0	N.D. d	
29) 1,2-Dichloroethane	0.00	62	0	N.D. d	

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08448.D Vial: 8
Acq On : 4 Aug 2005 13:57 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:36 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:21:36 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 2-Butanone	0.00	43	0	N.D. d	
31) 1,1,1-Trichloroethane	0.00	97	0	N.D. d	
32) Carbon Tetrachloride	0.00	117	0	N.D. d	
33) Vinyl Acetate	0.00	43	0	N.D. d	
34) Bromodichloromethane	0.00	83	0	N.D. d	
35) Dibromomethane	0.00	174	0	N.D. d	
36) 1,2-Dichloropropane	0.00	63	0	N.D. d	
37) Trichloroethene	0.00	130	0	N.D. d	
38) Benzene	6.64	78	12548	1.01 ug/l	100
40) Dibromochloromethane	0.00	129	0	N.D. d	
41) 2-Chloroethylvinylether	0.00	63	0	N.D.	
42) cis-1,3-Dichloropropene	0.00	75	0	N.D. d	
43) trans-1,3-Dichloropropene	0.00	75	0	N.D. d	
44) 1,1,2-Trichloroethane	0.00	97	0	N.D. d	
45) 1,2-Dibromoethane	0.00	107	0	N.D. d	
46) 1,3-Dichloropropane	0.00	76	0	N.D. d	
47) 4-Methyl-2-Pentanone	0.00	43	0	N.D. d	
48) 2-Hexanone	0.00	43	0	N.D. d	
49) Tetrachloroethene	0.00	164	0	N.D. d	
51) Toluene	8.65	92	8823	0.99 ug/l	69
52) 1,1,1,2-Tetrachloroethane	0.00	133	0	N.D. d	
53) Chlorobenzene	0.00	112	0	N.D. d	
55) Bromoform	0.00	173	0	N.D. d	
56) Ethylbenzene	9.93	106	1736	0.64 ug/l	95
57) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D. d	
59) Styrene	0.00	104	0	N.D. d	
60) m&p-Xylenes	10.02	106	10318	1.80 ug/l	98
61) o-Xylene	10.33	106	3861	0.68 ug/l	96
62) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
63) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
64) 1,4-Dichlorobenzene	0.00	146	0	N.D. d	
65) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
66) Isopropylbenzene	10.61	105	8746	0.58 ug/l	94
67) 1,2,3-Trichloropropane	0.00	75	0	N.D. d	
68) 2-Chlorotoluene	0.00	91	0	N.D. d	
69) 4-Chlorotoluene	0.00	91	0	N.D. d	
70) n-Propylbenzene	10.93	91	15776	0.80 ug/l	97
71) Bromobenzene	0.00	77	0	N.D. d	
72) 1,3,5-Trimethylbenzene	11.05	105	12571	0.90 ug/l	95
73) t-Butylbenzene	11.29	119	8848	0.70 ug/l	96
74) 1,2,4-Trimethylbenzene	11.33	105	14172	1.01 ug/l	87

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

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08448.D Vial: 8
Acq On : 4 Aug 2005 13:57 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:36 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:21:36 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

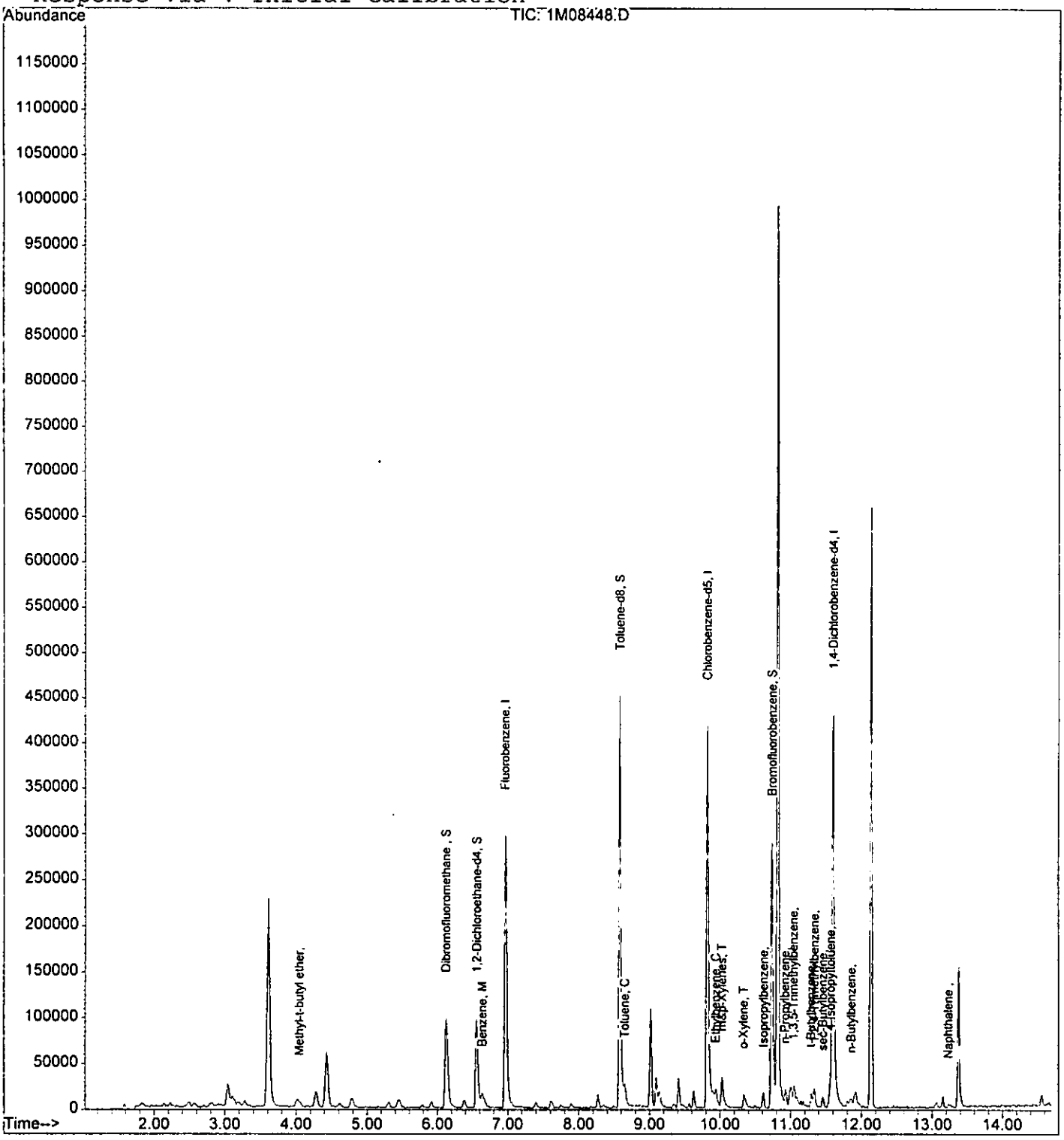
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	9662	0.57 ug/l	92
76)	4-Isopropyltoluene	11.56	119	8188	0.61 ug/l	94
77)	n-Butylbenzene	11.86	91	8943	0.62 ug/l	80
78)	1,2-Dibromo-3-Chloropropan	0.00	157	0	N.D.	
79)	Hexachlorobutadiene	0.00	225	0	N.D. d	
80)	1,2,4-Trichlorobenzene	0.00	180	0	N.D. d	
81)	1,2,3-Trichlorobenzene	0.00	180	0	N.D. d	
82)	Naphthalene	13.23	128	4958m	0.69 ug/l	

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08448.D Vial: 8
Acq On : 4 Aug 2005 13:57 Operator: DB
Sample : CAL @ 1 PPB Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 4 14:36 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M08595.D **Instrument:** GCMS_1

Cont Calibration Date/Time 8/10/2005 9:51:00 A **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	6.96	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.60	52.24	50			0.588	0.614	4.48	
Chloromethane	1	0	CP	1.75	53.99	50	0.1		0.503	0.543	7.98	
Bromomethane	1	0		2.15	55.36	50			0.191	0.212	10.72	
Vinyl Chloride	1	0	CC	1.85	54.12	50	20		0.380	0.412	8.24	
Chloroethane	1	0		2.23	51.81	50			0.208	0.215	3.62	
Trichlorofluoromethane	1	0		2.50	52.95	50			0.403	0.427	5.90	
Methylene Chloride	1	0		3.61	64.22	50			0.844	0.250	28.44	
Acrolein	1	0		2.93	212.21	250			0.018	0.015	15.12	
Acrylonitrile	1	0		3.96	44.49	50			0.074	0.066	11.02	
Iodomethane	1	0		3.21	48.10	50			0.336	0.323	3.80	
Acetone	1	0		3.11	263.33	250			0.126	0.086	5.33	
Carbon Disulfide	1	0		3.28	46.74	50			0.754	0.705	6.52	
t-Butyl Alcohol	1	0		3.85	206.59	250			0.011	0.009	17.36	
n-Hexane	1	0		4.43	61.03	50			0.694	0.521	22.06	
Di-isopropyl-ether	1	0		4.78	46.13	50			1.558	1.438	7.74	
1,1-Dichloroethene	1	0	CC	3.04	46.82	50	20		0.438	0.410	6.36	
Methyl-t-butyl ether	1	0		4.05	39.52	50			0.494	0.390	20.96	
1,1-Dichloroethane	1	0	CP	4.60	44.93	50	0.1		0.802	0.720	10.14	
trans-1,2-Dichloroethene	1	0		4.01	45.78	50			0.211	0.193	8.44	
cis-1,2-Dichloroethene	1	0		5.45	47.18	50			0.667	0.629	5.64	
Bromochloromethane	1	0		5.77	43.07	50			0.387	0.333	13.86	
2,2-Dichloropropane	1	0		5.44	47.16	50			0.544	0.513	5.68	
1,4-Dioxane	1	0		7.77	175.58	2500			0.002	0.002	12.98	
1,1-Dichloropropene	1	0		6.37	51.46	50			0.498	0.513	2.92	
Chloroform	1	0	CC	5.91	43.75	50	20		0.668	0.585	12.50	
Dibromofluoromethane	1	0	S	6.13	28.13	75			0.284	0.266	6.23	
1,2-Dichloroethane-d4	1	0	S	6.56	26.71	75			0.166	0.148	10.97	
1,2-Dichloroethane	1	0		6.65	41.63	50			0.509	0.424	16.74	
2-Butanone	1	0		5.52	44.36	50			0.132	0.131	11.28	
1,1,1-Trichloroethane	1	0		6.15	45.48	50			0.532	0.484	9.04	
Carbon Tetrachloride	1	0		6.37	46.48	50			0.461	0.428	7.04	
Vinyl Acetate	1	0		4.72	29.74	50			0.620	0.462	40.52	
Bromodichloromethane	1	0		7.89	44.42	50			0.500	0.444	11.16	
Dibromomethane	1	0		7.72	43.38	50			0.215	0.187	13.24	
1,2-Dichloropropane	1	0	CC	7.60	46.54	50	20		0.438	0.408	6.92	
Trichloroethene	1	0		7.38	48.29	50			0.358	0.346	3.42	
Benzene	1	0		6.63	47.75	50			1.396	1.334	4.50	
Chlorobenzene-d5	1	0	I	9.81	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.33	43.63	50			0.421	0.367	12.74	
2-Chloroethylvinylether	1	0		8.20	35.22	50			0.178	0.162	29.56	
cis-1,3-Dichloropropene	1	0		8.32	46.26	50			0.708	0.655	7.48	
trans-1,3-Dichloropropene	1	0		8.83	46.52	50			0.573	0.533	6.96	
1,1,2-Trichloroethane	1	0		8.98	54.26	50			0.352	0.291	8.52	
1,2-Dibromoethane	1	0		9.43	42.06	50			0.335	0.282	15.88	
1,3-Dichloropropane	1	0		9.13	41.18	50			0.674	0.555	17.64	
4-Methyl-2-Pentanone	1	0		8.47	42.10	50			0.360	0.303	15.80	
2-Hexanone	1	0		9.21	36.85	50			0.275	0.247	26.30	
Tetrachloroethene	1	0		9.12	44.41	50			0.472	0.419	11.18	
Toluene-d8	1	0	S	8.57	30.34	75			1.360	1.376	1.13	
Toluene	1	0	CC	8.63	47.84	50	20		1.135	1.086	4.32	
1,1,1,2-Tetrachloroethane	1	0		9.90	43.54	50			0.460	0.400	12.92	
Chlorobenzene	1	0	CP	9.84	46.26	50	0.3		1.277	1.182	7.48	
1,4-Dichlorobenzene-d4	1	0	I	11.61	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.49	42.04	50	0.1		0.437	0.367	15.92	
Ethylbenzene	1	0	CC	9.92	51.49	50	20		0.547	0.563	2.98	
1,1,2,2-Tetrachloroethane	1	0	CP	10.82	43.49	50	0.3		0.647	0.562	13.02	
Bromofluorobenzene	1	0	S	10.74	28.65	75			0.795	0.759	4.50	
Styrene	1	0		10.33	46.85	50			2.028	1.901	6.30	
m&p-Xylenes	1	0		10.01	96.71	100			1.200	1.160	3.29	
o-Xylene	1	0		10.33	52.12	50			1.148	1.196	4.24	
trans-1,4-Dichloro-2-butene	1	0		10.86	45.65	50			0.144	0.132	8.70	
1,3-Dichlorobenzene	1	0		11.56	43.63	50			1.694	1.479	12.74	
1,4-Dichlorobenzene	1	0		11.63	41.72	50			1.786	1.490	16.56	
1,2-Dichlorobenzene	1	0		11.90	44.45	50			1.557	1.384	11.10	
Isopropylbenzene	1	0		10.61	53.34	50			3.006	3.207	6.68	
1,2,3-Trichloropropane	1	0		10.86	37.95	50			0.871	0.661	24.10	
2-Chlorotoluene	1	0		11.01	43.76	50			1.420	1.243	12.48	
4-Chlorotoluene	1	0		11.08	43.82	50			1.469	1.287	12.36	
n-Propylbenzene	1	0		10.93	50.58	50			4.082	4.129	1.16	

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 @ 50 PPB **Data File:** 1M08595.D **Instrument:** GCMS_1

Cont Calibration Date/Time 8/10/2005 9:51:00 A **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		10.86	43.94	50			1.715	1.507	12.12	
1,3,5-Trimethylbenzene	1	0		11.04	44.42	50			3.105	2.759	11.16	
t-Butylbenzene	1	0		11.30	51.67	50			2.570	2.656	3.34	
1,2,4-Trimethylbenzene	1	0		11.33	46.23	50			3.003	2.777	7.54	
sec-Butylbenzene	1	0		11.46	52.66	50			3.366	3.545	5.32	
4-Isopropyltoluene	1	0		11.56	52.42	50			2.708	2.839	4.84	
n-Butylbenzene	1	0		11.85	51.67	50			2.921	3.018	3.34	
1,2-Dibromo-3-Chloropropane	1	0		12.45	39.83	50			0.115	0.092	20.34	
Hexachlorobutadiene	1	0		13.15	39.82	50			0.891	0.710	20.36	
1,2,4-Trichlorobenzene	1	0		13.06	44.97	50			1.045	0.940	10.06	
1,2,3-Trichlorobenzene	1	0		13.40	41.54	50			1.033	0.858	16.92	
Naphthalene	1	0		13.23	44.72	50			1.463	1.340	10.56	
Chlorodifluoromethane	1	1E		0.00	0.00	50				0.000	100.00	
Freon 113	1	1E		0.00	0.00	50				0.000	100.00	
1,2-Dioxane	1	1E		0.00	0.00	5000				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 (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08595.D Vial: 2
Acq On : 10 Aug 2005 9:51 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G:.4 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 9:29 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	264541	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.81	117	215929	30.00	ug/l	-0.02
54) 1,4-Dichlorobenzene-d4	11.61	152	136052	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	70325	28.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.77%			
28) 1,2-Dichloroethane-d4	6.56	67	39124	26.71	ug/l	0.00
Spiked Amount 30.000			Recovery = 89.03%			
50) Toluene-d8	8.57	98	297033	30.34	ug/l	-0.02
Spiked Amount 30.000			Recovery = 101.13%			
58) Bromofluorobenzene	10.74	174	103282	28.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.60	85	270697	52.24	ug/l	97
3) Chloromethane	1.75	50	239347	53.99	ug/l	99
4) Bromomethane	2.15	94	93295	55.36	ug/l	99
5) Vinyl Chloride	1.85	62	181548	54.12	ug/l	97
6) Chloroethane	2.23	64	94904	51.81	ug/l	98
7) Trichlorofluoromethane	2.50	101	188371	52.95	ug/l	96
8) Methylene Chloride	3.61	84	110388	64.22	ug/l	87
9) Acrolein	2.93	56	34132	212.21	ug/l	97
10) Acrylonitrile	3.96	53	28984	44.49	ug/l	93
11) Iodomethane	3.21	142	142467	48.10	ug/l	87
12) Acetone	3.11	43	190610	263.33	ug/l	78
13) Carbon Disulfide	3.28	76	310895	46.74	ug/l	100
14) t-Butyl Alcohol	3.85	59	20178	206.59	ug/l	97
15) n-Hexane	4.43	57	229706	61.03	ug/l	90
16) Di-isopropyl-ether	4.78	45	633880	46.13	ug/l	100
17) 1,1-Dichloroethene	3.04	61	180968	46.82	ug/l	98
18) Methyl-t-butyl ether	4.05	73	172152	39.52	ug/l	91
19) 1,1-Dichloroethane	4.60	63	317641	44.93	ug/l	100
20) trans-1,2-Dichloroethene	4.01	96	85297	45.78	ug/l	90
21) cis-1,2-Dichloroethene	5.45	61	277398	47.18	ug/l	97
22) Bromochloromethane	5.77	49	146854	43.07	ug/l	94
23) 2,2-Dichloropropane	5.44	77	226064	47.16	ug/l	97
24) 1,4-Dioxane	7.77	88	37180	2175.58	ug/l	89
25) 1,1-Dichloropropene	6.37	75	226046	51.46	ug/l	96
26) Chloroform	5.91	83	257888	43.75	ug/l	91
29) 1,2-Dichloroethane	6.65	62	186880	41.63	ug/l	98

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08595.D Vial: 2
Acq On : 10 Aug 2005 9:51 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G:.4 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 9:29 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	2-Butanone	5.52	43	57764	44.36 ug/l	87
31)	1,1,1-Trichloroethane	6.15	97	213249	45.48 ug/l	96
32)	Carbon Tetrachloride	6.37	117	188865	46.48 ug/l	100
33)	Vinyl Acetate	4.72	43	203523m	29.74 ug/l	
34)	Bromodichloromethane	7.89	83	195861	44.42 ug/l	98
35)	Dibromomethane	7.72	174	82299	43.38 ug/l	97
36)	1,2-Dichloropropane	7.60	63	179793	46.54 ug/l	95
37)	Trichloroethene	7.38	130	152534	48.29 ug/l	94
38)	Benzene	6.63	78	587970	47.75 ug/l	100
40)	Dibromochloromethane	9.33	129	132088	43.63 ug/l	93
41)	2-Chloroethylvinylether	8.20	63	58456	35.22 ug/l	96
42)	cis-1,3-Dichloropropene	8.32	75	235714	46.26 ug/l	98
43)	trans-1,3-Dichloropropene	8.83	75	191892	46.52 ug/l	97
44)	1,1,2-Trichloroethane	8.98	97	104861	54.26 ug/l	90
45)	1,2-Dibromoethane	9.43	107	101437	42.06 ug/l	98
46)	1,3-Dichloropropane	9.13	76	199647	41.18 ug/l	97
47)	4-Methyl-2-Pentanone	8.47	43	109022	42.10 ug/l	93
48)	2-Hexanone	9.21	43	88867	36.85 ug/l	92
49)	Tetrachloroethene	9.12	164	150746	44.41 ug/l	100
51)	Toluene	8.63	92	390932	47.84 ug/l	90
52)	1,1,1,2-Tetrachloroethane	9.90	133	144028	43.54 ug/l	99
53)	Chlorobenzene	9.84	112	425230	46.26 ug/l	97
55)	Bromoform	10.49	173	83285	42.04 ug/l	90
56)	Ethylbenzene	9.92	106	127760	51.49 ug/l	98
57)	1,1,2,2-Tetrachloroethane	10.82	83	127531	43.49 ug/l	99
59)	Styrene	10.33	104	430961	46.85 ug/l	100
60)	m&p-Xylenes	10.01	106	526280	96.71 ug/l	97
61)	o-Xylene	10.33	106	271278	52.12 ug/l	94
62)	trans-1,4-Dichloro-2-buten	10.86	53	29883m	45.65 ug/l	
63)	1,3-Dichlorobenzene	11.56	146	335268	43.63 ug/l	90
64)	1,4-Dichlorobenzene	11.63	146	337896	41.72 ug/l	85
65)	1,2-Dichlorobenzene	11.90	146	313851	44.45 ug/l	92
66)	Isopropylbenzene	10.61	105	727132	53.34 ug/l	97
67)	1,2,3-Trichloropropane	10.86	75	149944	37.95 ug/l	56
68)	2-Chlorotoluene	11.01	91	281886	43.76 ug/l	95
69)	4-Chlorotoluene	11.08	91	291902	43.82 ug/l	94
70)	n-Propylbenzene	10.93	91	936227	50.58 ug/l	97
71)	Bromobenzene	10.86	77	341622	43.94 ug/l	80
72)	1,3,5-Trimethylbenzene	11.04	105	625505	44.42 ug/l	99
73)	t-Butylbenzene	11.30	119	602168	51.67 ug/l	93
74)	1,2,4-Trimethylbenzene	11.33	105	629591	46.23 ug/l	88

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08595.D Vial: 2
Acq On : 10 Aug 2005 9:51 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G:.4 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 9:29 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

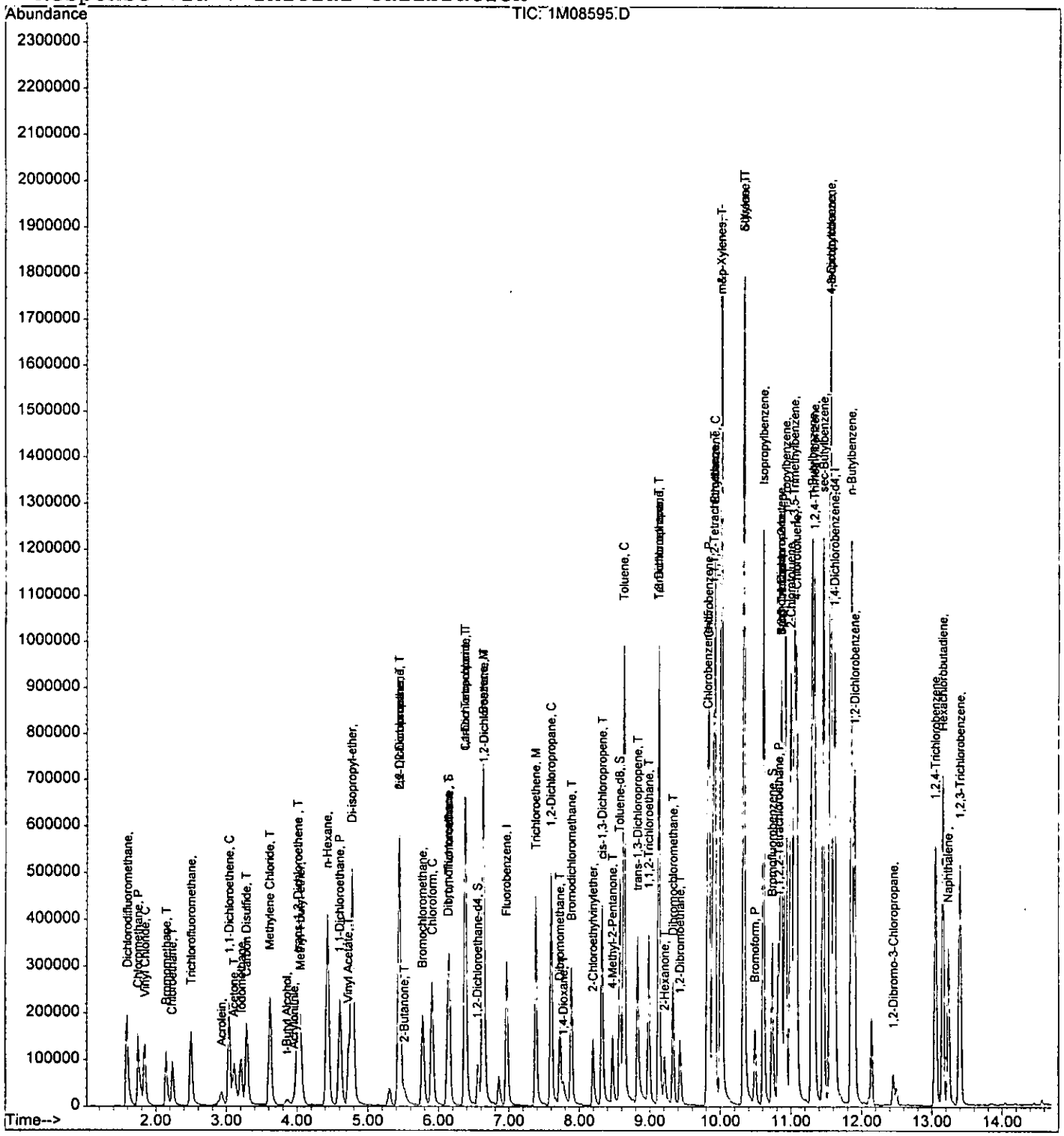
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	sec-Butylbenzene	11.46	105	803758	52.66	ug/l	96
76)	4-Isopropyltoluene	11.56	119	643728	52.42	ug/l	97
77)	n-Butylbenzene	11.85	91	684451	51.67	ug/l	98
78)	1,2-Dibromo-3-Chloropropan	12.45	157	20837	39.83	ug/l	62
79)	Hexachlorobutadiene	13.15	225	160983	39.82	ug/l	99
80)	1,2,4-Trichlorobenzene	13.06	180	213106	44.97	ug/l	97
81)	1,2,3-Trichlorobenzene	13.40	180	194565	41.54	ug/l	95
82)	Naphthalene	13.23	128	303819	44.72	ug/l	100

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08595.D Vial: 2
Acq On : 10 Aug 2005 9:51 Operator: DB
Sample : CAL @ 50 PPB Inst : GCMS_1
Misc : S,5G:.4 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 11 9:29 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE **Data File:** 1M08400.D
Instrument: GCMS_1 **Analysis Date:** 08/03/05 11:46

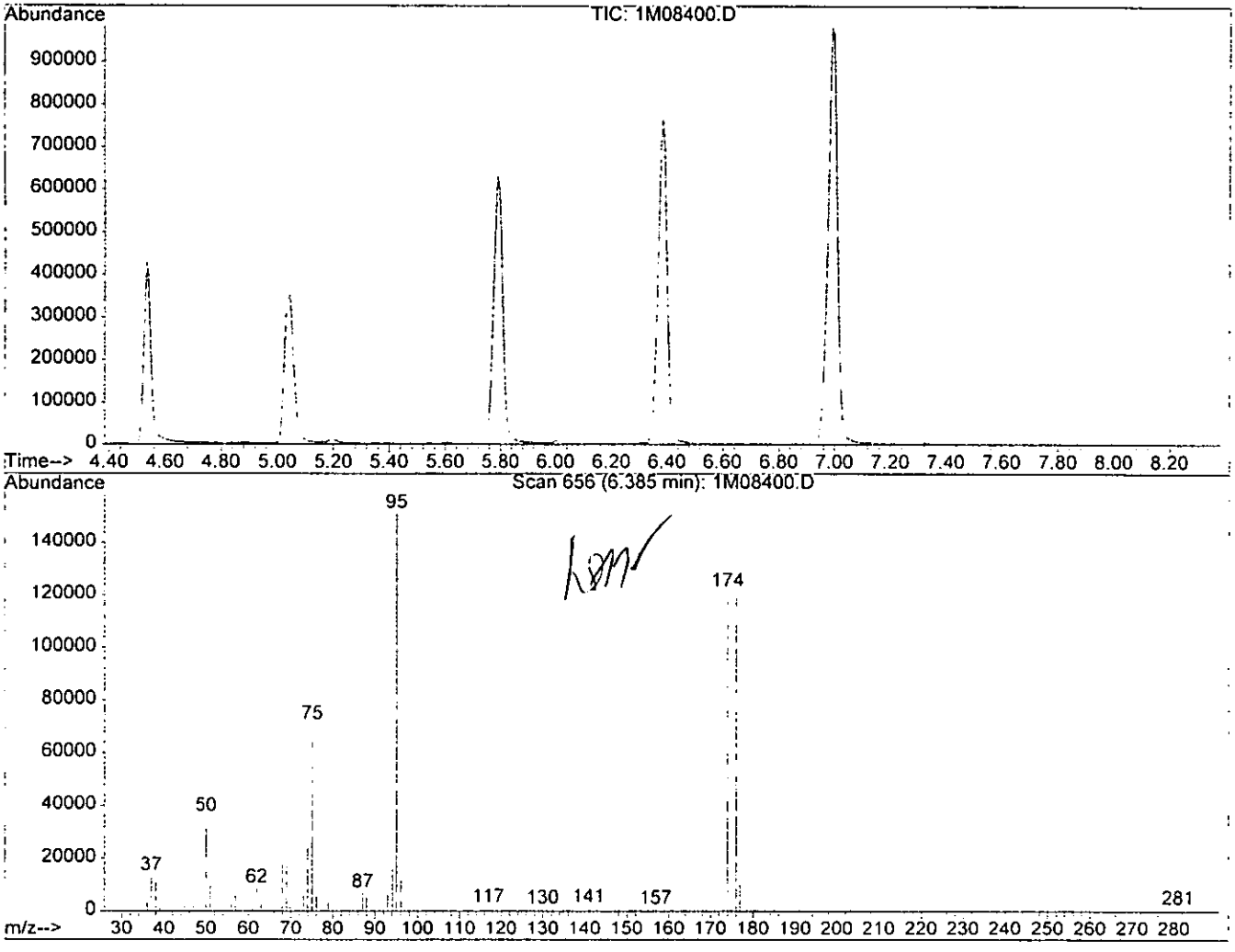
Tune Scan/Time Range: Scan 656

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.6	35640	PASS
75	95	30	60	46.8	70672	PASS
95	95	100	100	100.0	151104	PASS
96	95	5	9	7.9	11895	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.3	121264	PASS
175	174	5	9	7.3	8793	PASS
176	174	95	101	99.4	120544	PASS
177	176	5	9	8.6	10356	PASS

Data File	Sample Number	Analysis Date:
1M08401.D	CAL @ 500 PPB	08/03/05 12:09
1M08402.D	CAL @ 100 PPB	08/03/05 12:34
1M08403.D	CAL @ 50 PPB	08/03/05 12:58
1M08404.D	CAL @ 20 PPB	08/03/05 13:23
1M08405.D	CAL @ 10 PPB	08/03/05 13:47
1M08406.D	CAL @ 5 PPB	08/03/05 14:12
1M08407.D	CAL @ 1 PPB	08/03/05 14:37
1M08408.D	DAILY BLANK	08/03/05 15:01
1M08409.D	BLK	08/03/05 15:26
1M08410.D	AC18891-001	08/03/05 15:50
1M08411.D	AC18891-006	08/03/05 16:15
1M08412.D	AC18891-002	08/03/05 16:39
1M08413.D	AC18891-003	08/03/05 17:04
1M08414.D	AC18891-004	08/03/05 17:29
1M08415.D	AC18891-005	08/03/05 17:53
1M08416.D	AC18891-007	08/03/05 18:18
1M08417.D	AC18891-008	08/03/05 18:42
1M08418.D	AC18891-009	08/03/05 19:07
1M08419.D	AC18891-010	08/03/05 19:31
1M08420.D	AC18891-011	08/03/05 19:56
1M08421.D	AC18893-001	08/03/05 20:21
1M08422.D	AC18893-003	08/03/05 20:45
1M08423.D	AC18893-005	08/03/05 21:10
1M08424.D	AC18893-007	08/03/05 21:34
1M08425.D	AC18893-008	08/03/05 21:58
1M08426.D	AC18893-006	08/03/05 22:23
1M08427.D	AC18893-004	08/03/05 22:47
1M08428.D	AC18893-002	08/03/05 23:12
1M08429.D	BLK	08/03/05 23:36
1M08430.D	BLK	08/04/05 00:01
1M08431.D	BLK	08/04/05 00:25
1M08432.D	BLK	08/04/05 00:50
1M08433.D	BLK	08/04/05 01:14
1M08434.D	BLK	08/04/05 01:38

CLPBFB

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08400.D Vial: 2
Acq On : 3 Aug 2005 11:46 Operator: DB
Sample : BFB TUNE Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_A0713.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260



Spectrum Information: Scan 656

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	35640	PASS
75	95	30	60	46.8	70672	PASS
95	95	100	100	100.0	151104	PASS
96	95	5	9	7.9	11895	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.3	121264	PASS
175	174	5	9	7.3	8793	PASS
176	174	95	101	99.4	120544	PASS
177	176	5	9	8.6	10356	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS_1
Data File: 1M08441.D
Analysis Date: 08/04/05 11:15

Tune Scan/Time Range: Scan 656

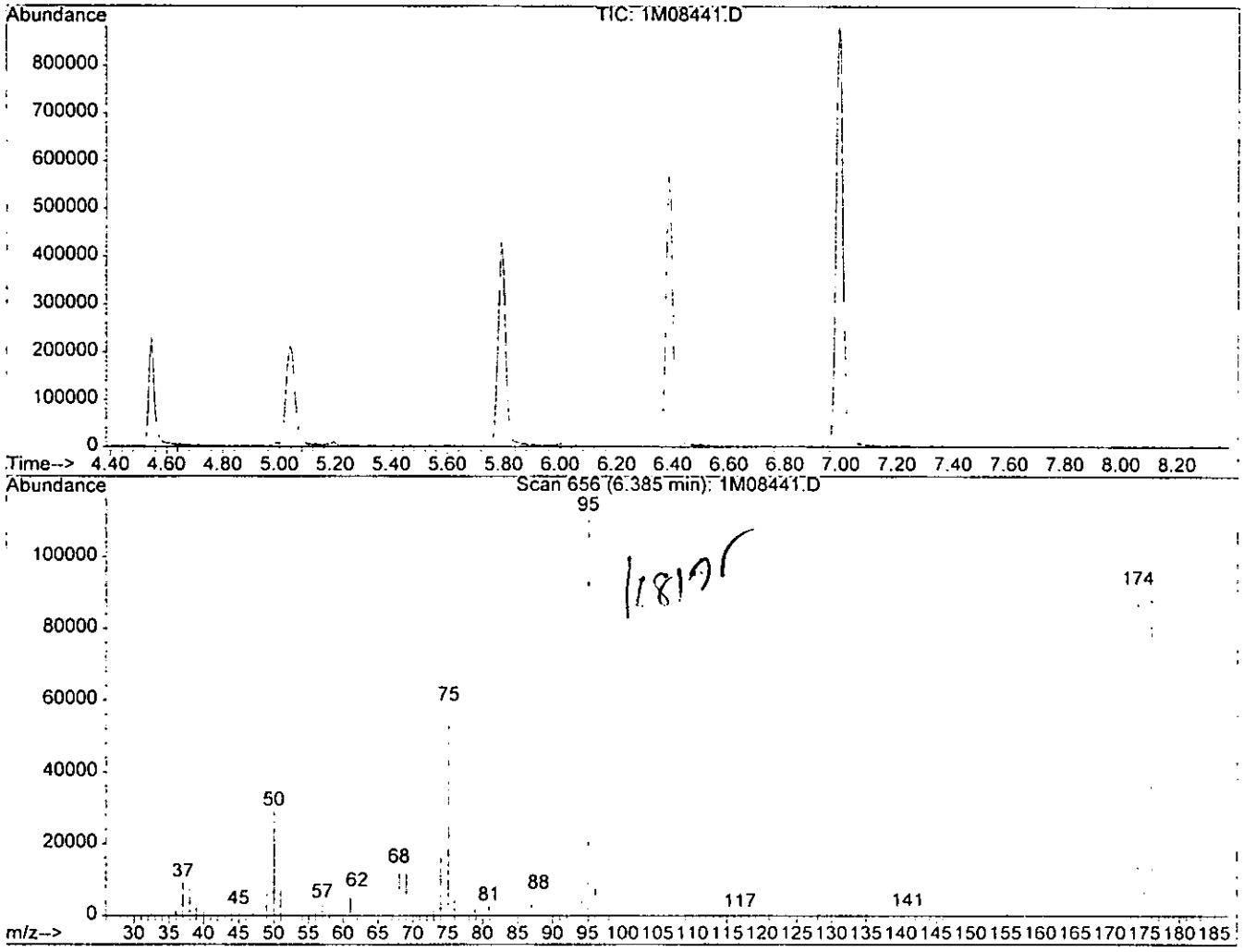
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	26.1	29064	PASS
75	95	30	60	52.3	58232	PASS
95	95	100	100	100.0	111384	PASS
96	95	5	9	8.3	9254	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.5	90784	PASS
175	174	5	9	7.8	7056	PASS
176	174	95	101	99.0	89832	PASS
177	176	5	9	6.7	5987	PASS

Data File	Sample Number	Analysis Date:
1M08442.D	CAL @ 500 PPB	08/04/05 11:30
1M08443.D	CAL @ 100 PPB	08/04/05 11:54
1M08444.D	CAL @ 50 PPB	08/04/05 12:19
1M08445.D	CAL @ 20 PPB	08/04/05 12:43
1M08446.D	CAL @ 10 PPB	08/04/05 13:08
1M08447.D	CAL @ 5 PPB	08/04/05 13:32
1M08448.D	CAL @ 1 PPB	08/04/05 13:57
1M08449.D	DAILY BLANK	08/04/05 14:21
1M08450.D	AC18891-013	08/04/05 14:46
1M08451.D	AC18891-012	08/04/05 15:11
1M08452.D	AC18891-014	08/04/05 15:35

CLPBFB

8154

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-0405\1M08441.D Vial: 1
Acq On : 4 Aug 2005 11:15 Operator: DB
Sample : BFB TUNE Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260



Spectrum Information: Scan 656

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.1	29064	PASS
75	95	30	60	52.3	58232	PASS
95	95	100	100	100.0	111384	PASS
96	95	5	9	8.3	9254	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.5	90784	PASS
175	174	5	9	7.8	7056	PASS
176	174	95	101	99.0	89832	PASS
177	176	5	9	6.7	5987	PASS

1M08441.D 1M_S0803.M Wed Aug 17 15:26:23 2005 RPT1

Form 5

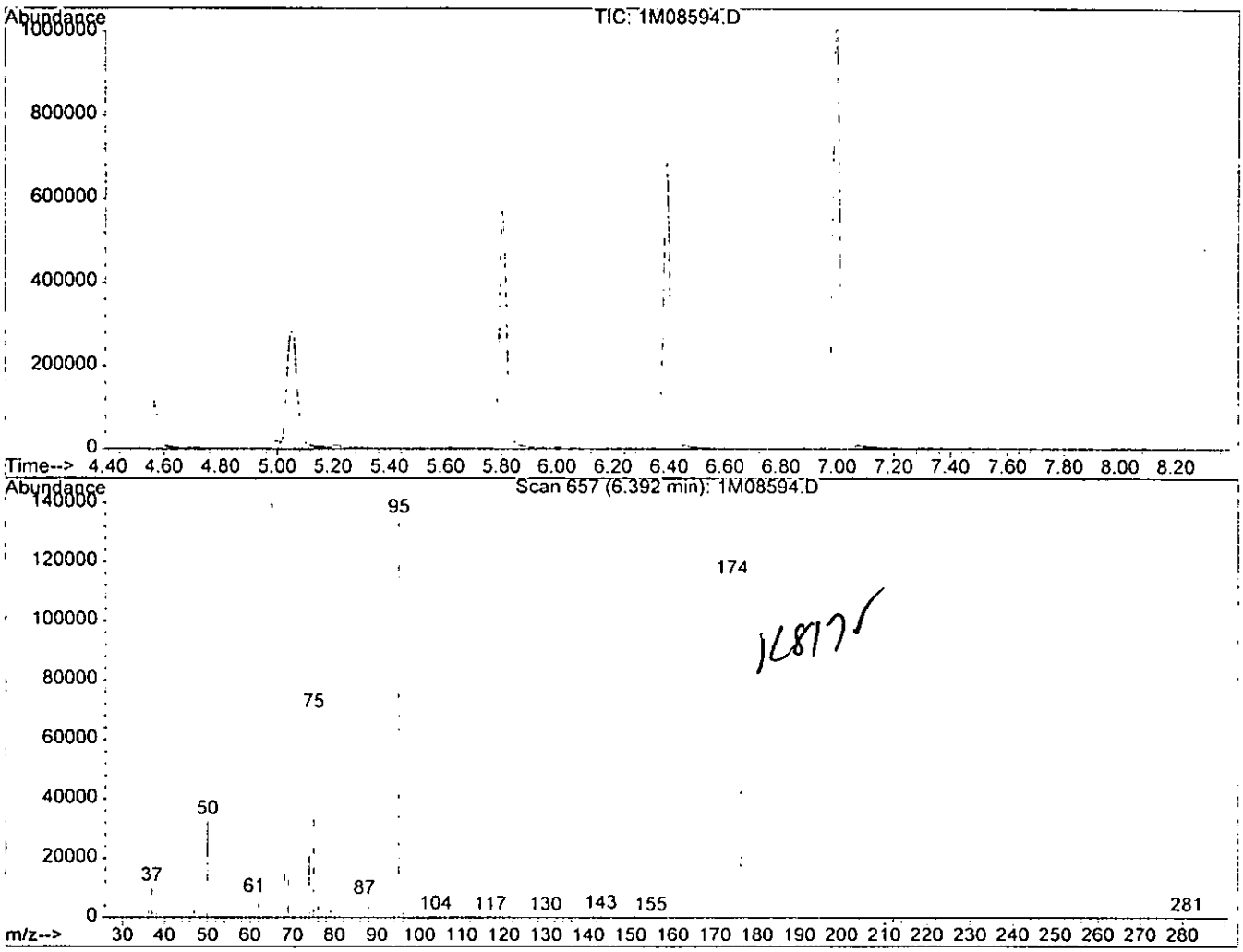
Tune Name: BFB TUNE **Data File:** 1M08594.D
Instrument: GCMS_1 **Analysis Date:** 08/10/05 09:31
Tune Scan/Time Range: Scan 657

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.4	32912	PASS
75	95	30	60	51.2	68896	PASS
95	95	100	100	100.0	134656	PASS
96	95	5	9	7.9	10688	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	84.6	113928	PASS
175	174	5	9	7.5	8566	PASS
176	174	95	101	98.8	112568	PASS
177	176	5	9	7.2	8150	PASS

Data File	Sample Number	Analysis Date:
1M08595.D	CAL @ 50 PPB	08/10/05 09:51
1M08596.D	BLK	08/10/05 10:30
1M08597.D	DAILY BLANK	08/10/05 10:54
1M08598.D	AC18999-003	08/10/05 11:19
1M08599.D	BLK	08/10/05 11:43
1M08600.D	MBS2508	08/10/05 12:08
1M08601.D	AC18999-001(MS)	08/10/05 12:32
1M08602.D	AC18999-001(MS	08/10/05 12:57
1M08603.D	BLK	08/10/05 16:42
1M08604.D	BLK	08/10/05 17:06

CLPBFB

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08594.D Vial: 1
Acq On : 10 Aug 2005 9:31 Operator: DB
Sample : BFB TUNE Inst : GCMS_1
Misc : A,5ml Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260



Spectrum Information: Scan 657

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.4	32912	PASS
75	95	30	60	51.2	68896	PASS
95	95	100	100	100.0	134656	PASS
96	95	5	9	7.9	10688	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	84.6	113928	PASS
175	174	5	9	7.5	8566	PASS
176	174	95	101	98.8	112568	PASS
177	176	5	9	7.2	8150	PASS

1M08594.D 1M_S0804.M Wed Aug 17 15:26:25 2005 RPT1

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M08408.D
Analysis Date: 08/03/05 15:01
Date Rec/Extracted:

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.00025	U	56-23-5	Carbon Tetrachloride	0.00085	U
79-34-5	1,1,2,2-Tetrachloroethane	0.00058	U	108-90-7	Chlorobenzene	0.00050	U
79-00-5	1,1,2-Trichloroethane	0.00056	U	75-00-3	Chloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.00076	U	67-66-3	Chloroform	0.00045	U
75-35-4	1,1-Dichloroethene	0.00040	U	74-87-3	Chloromethane	0.00079	U
107-06-2	1,2-Dichloroethane	0.00039	U	156-59-2	cis-1,2-Dichloroethene	0.00048	U
78-87-5	1,2-Dichloropropane	0.00056	U	10061-01-5	cis-1,3-Dichloropropene	0.00046	U
78-93-3	2-Butanone	0.00078	U	124-48-1	Dibromochloromethane	0.00056	U
110-75-8	2-Chloroethylvinylether	0.00077	U	100-41-4	Ethylbenzene	0.00075	U
591-78-6	2-Hexanone	0.00047	U	1330-20-7	m&p-Xylenes	0.0011	U
108-10-1	4-Methyl-2-Pentanone	0.00072	U	**75-09-2**	**Methylene Chloride**	**0.0014**	**0.0041**
67-64-1	Acetone	0.0053	U	95-47-6	o-Xylene	0.00047	U
107-02-8	Acrolein	0.0033	U	100-42-5	Styrene	0.00062	U
107-13-1	Acrylonitrile	0.00065	U	127-18-4	Tetrachloroethene	0.00090	U
71-43-2	Benzene	0.00051	U	108-88-3	Toluene	0.00075	U
75-27-4	Bromodichloromethane	0.00042	U	156-60-5	trans-1,2-Dichloroethene	0.00032	U
75-25-2	Bromoform	0.00072	U	10061-02-6	trans-1,3-Dichloropropene	0.00057	U
74-83-9	Bromomethane	0.00093	U	79-01-6	Trichloroethene	0.00061	U
75-15-0	Carbon Disulfide	0.00065	U	75-01-4	Vinyl Chloride	0.00071	U

Worksheet #: 18363

Total Target Concentration 0.0041

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.

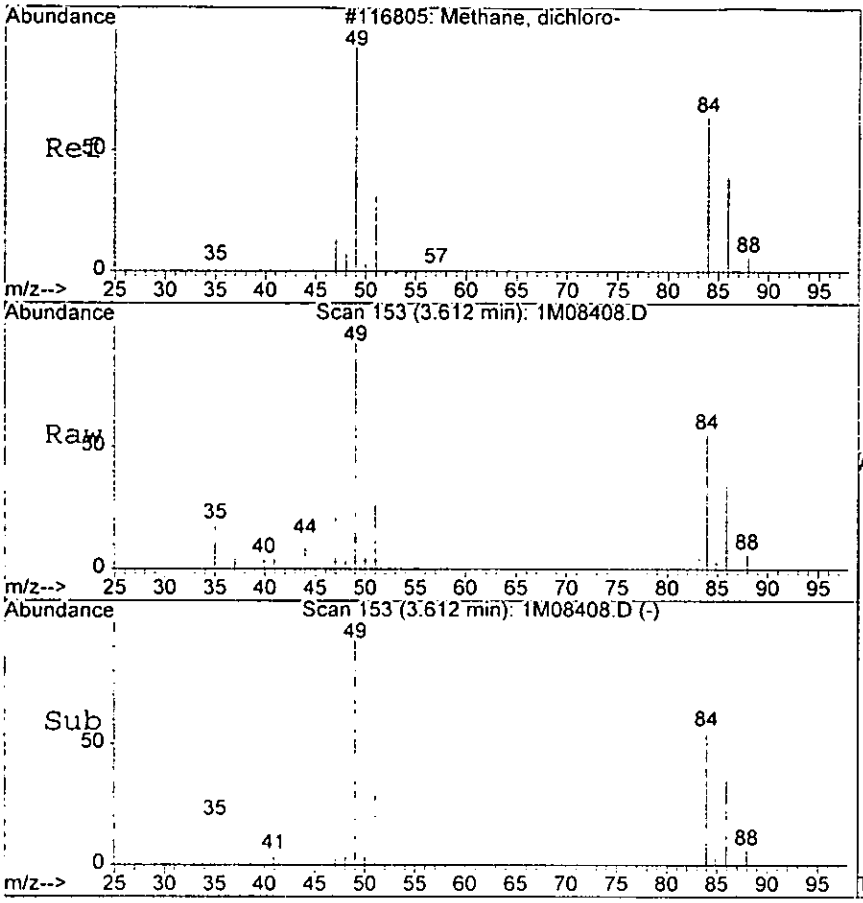
Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-03-05\1M08408.D Vial: 12
Acq On : 3 Aug 2005 15:01 Operator: DB
Sample : DAILY BLANK Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 11:36 2005 Quant Results File: 1M_S0803.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0803.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Wed Aug 10 11:26:46 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.96	96	258859	30.00	ug/l	-0.02
39) Chlorobenzene-d5	9.82	117	215633	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	131438	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.12	111	86478	36.24	ug/l	-0.02
Spiked Amount 30.000			Recovery =	120.80%		
28) 1,2-Dichloroethane-d4	6.55	67	48362	34.53	ug/l	-0.02
Spiked Amount 30.000			Recovery =	115.10%		
50) Toluene-d8	8.58	98	279205	28.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.30%		
58) Bromofluorobenzene	10.74	174	93907	26.92	ug/l	0.00
Spiked Amount 30.000			Recovery =	89.73%		
Target Compounds						Qvalue
8) Methylene Chloride	3.61	84	30725	4.08	ug/l	80

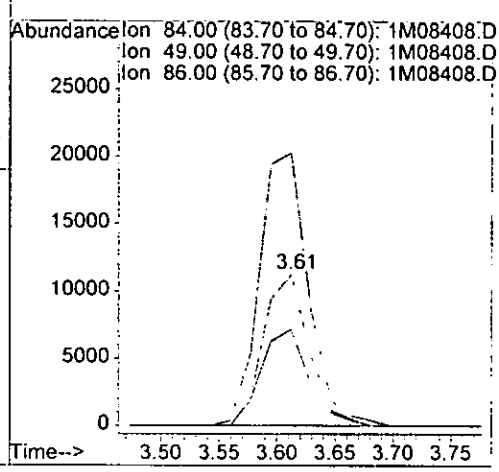
(#) = qualifier out of range (m) = manual integration



#8
Methylene Chloride
Concen: 4.08 ug/l
RT: 3.61 min Scan# 153
Delta R.T. -0.02 min
Lab File: 1M08408.D
Acq: 3 Aug 2005 15:01

Tgt Ion: 84 Resp: 30725

Ion	Ratio	Lower	Upper
84	100		
49	180.7	132.2	308.4
86	64.0	37.3	87.1



Lamb

FORM 3
Spike Recovery

Batch Number:	MBS2508	Mbs File:	1M08600.D
Mbs Name:	MBS2508	Non Spk'd File:	1M08579.D
Ns Name:	AC18999-001	Spike File:	1M08601.D
Ms Name:	AC18999-001(MS)	Spike Dup File:	1M08602.D
Msd Name:	AC18999-001(MS	Matrix:	Soil
		Method:	8260

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
1,1-Dichloroethene	1	0	50	59	172	22	45.59	0.00	38.05	40.20	91	76	80	5.5
Trichloroethene	1	0	50	62	137	24	48.98	0.00	36.58	39.64	98	73	79	8
Benzene	1	0	50	66	142	21	47.08	0.00	35.24	39.93	94	70	80	12
Toluene	1	0	50	59	139	21	45.29	0.00	35.22	37.37	91	70	75	5.9
Chlorobenzene	1	0	50	60	133	21	45.61	0.00	33.32	36.19	91	67	72	8.3

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_1\DATA\08-10-05\1M08600.D Vial: 7
Acq On : 10 Aug 2005 12:08 Operator: DB
Sample : MBS Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 12:52 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.97	96	262452	30.00	ug/l	0.00
39) Chlorobenzene-d5	9.82	117	229055	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.60	152	141680	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	77299	31.16	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.87%			
28) 1,2-Dichloroethane-d4	6.56	67	40491	27.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.90%			
50) Toluene-d8	8.58	98	298863	28.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.93%			
58) Bromofluorobenzene	10.74	174	98533	26.25	ug/l	0.00
Spiked Amount 30.000			Recovery = 87.50%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	123141	28.00	ug/l	95
4) Bromomethane	2.14	94	61679	36.89	ug/l	94
5) Vinyl Chloride	1.84	62	107604	32.33	ug/l	98
6) Chloroethane	2.24	64	69743	38.38	ug/l	96
7) Trichlorofluoromethane	2.49	101	152915	43.33	ug/l	94
8) Methylene Chloride	3.61	84	154803	90.78	ug/l	85
9) Acrolein	2.57	56	560	3.51	ug/l	96
15) n-Hexane	4.43	57	19132	5.12	ug/l	95
17) 1,1-Dichloroethene	3.04	61	174829	45.59	ug/l	98
19) 1,1-Dichloroethane	4.60	63	330235	47.09	ug/l	100
20) trans-1,2-Dichloroethene	4.01	96	75834	41.03	ug/l	92
26) Chloroform	5.91	83	274760	46.98	ug/l	93
29) 1,2-Dichloroethane	6.65	62	204840	46.00	ug/l	99
30) 2-Butanone	5.52	43	50098	38.78	ug/l	97
31) 1,1,1-Trichloroethane	6.15	97	210061	45.15	ug/l	99
32) Carbon Tetrachloride	6.37	117	198216	49.16	ug/l	98
33) Vinyl Acetate	4.43	43	17265	2.54	ug/l	100
34) Bromodichloromethane	7.89	83	211844	48.42	ug/l	98
36) 1,2-Dichloropropane	7.60	63	184066	48.03	ug/l	95
37) Trichloroethene	7.39	130	153484	48.98	ug/l	93
38) Benzene	6.63	78	575135	47.08	ug/l	100
40) Dibromochloromethane	9.34	129	141170	43.95	ug/l	92
41) 2-Chloroethylvinylether	8.20	63	57347	32.57	ug/l	95
42) cis-1,3-Dichloropropene	8.32	75	248758	46.02	ug/l	98
43) trans-1,3-Dichloropropene	8.83	75	191630	43.79	ug/l	97
44) 1,1,2-Trichloroethane	8.98	97	114168	55.69	ug/l	86

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

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08600.D Vial: 7
Acq On : 10 Aug 2005 12:08 Operator: DB
Sample : MBS Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 12:52 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

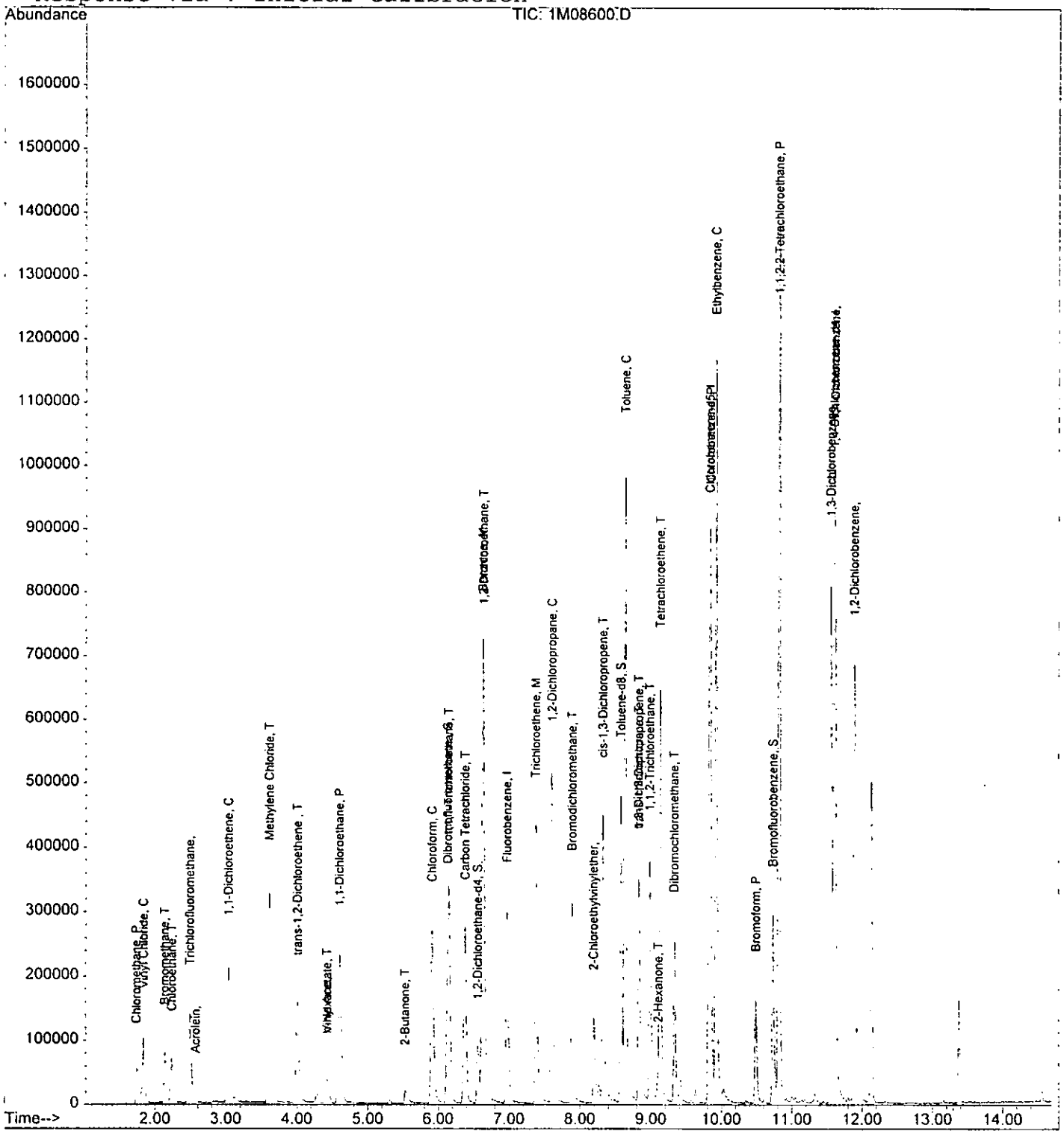
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46)	1,3-Dichloropropane	8.83	76	6753	1.31	ug/l	96
48)	2-Hexanone	9.09	43	18279	7.15	ug/l	46
49)	Tetrachloroethene	9.13	164	156523	43.47	ug/l	96
51)	Toluene	8.64	92	392631	45.29	ug/l	85
53)	Chlorobenzene	9.84	112	444755	45.61	ug/l	99
55)	Bromoform	10.49	173	86588	41.97	ug/l	91
56)	Ethylbenzene	9.92	106	133952	51.84	ug/l	96
57)	1,1,2,2-Tetrachloroethane	10.82	83	127906	41.88	ug/l	98
63)	1,3-Dichlorobenzene	11.56	146	340434	42.54	ug/l	91
64)	1,4-Dichlorobenzene	11.62	146	380082	45.06	ug/l	82
65)	1,2-Dichlorobenzene	11.90	146	325652	44.29	ug/l	92

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08600.D Vial: 7
Acq On : 10 Aug 2005 12:08 Operator: DB
Sample : MBS Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 12:52 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08601.D Vial: 8
Acq On : 10 Aug 2005 12:32 Operator: DB
Sample : AC18999-001(MS) Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 12:52 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.97	96	258214	30.00	ug/l	0.00
39) Chlorobenzene-d5	9.82	117	216210	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.61	152	136218	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	75623	30.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.30%			
28) 1,2-Dichloroethane-d4	6.56	67	42006	29.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.93%			
50) Toluene-d8	8.58	98	287947	29.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.93%			
58) Bromofluorobenzene	10.74	174	95069	26.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 87.80%			
Target Compounds						Qvalue
3) Chloromethane	1.75	50	99203	22.93	ug/l	98
4) Bromomethane	2.14	94	47382	28.80	ug/l	89
5) Vinyl Chloride	1.84	62	84855	25.91	ug/l	98
6) Chloroethane	2.24	64	54169	30.30	ug/l	97
7) Trichlorofluoromethane	2.49	101	125222	36.06	ug/l	96
8) Methylene Chloride	3.61	84	85372	50.89	ug/l	80
15) n-Hexane	4.45	57	9804	2.67	ug/l	91
17) 1,1-Dichloroethene	3.04	61	143538	38.05	ug/l	99
19) 1,1-Dichloroethane	4.60	63	251546	36.46	ug/l	99
20) trans-1,2-Dichloroethene	4.01	96	60798	33.43	ug/l	95
26) Chloroform	5.90	83	204683	35.58	ug/l	98
29) 1,2-Dichloroethane	6.65	62	157850	36.03	ug/l	99
30) 2-Butanone	5.53	43	23751	18.68	ug/l	97
31) 1,1,1-Trichloroethane	6.15	97	168815	36.88	ug/l	99
32) Carbon Tetrachloride	6.37	117	157621	39.74	ug/l	93
33) Vinyl Acetate	4.43	43	7770	1.16	ug/l	100
34) Bromodichloromethane	7.89	83	151054	35.09	ug/l	97
36) 1,2-Dichloropropane	7.60	63	137123	36.36	ug/l	99
37) Trichloroethene	7.39	130	112775	36.58	ug/l	90
38) Benzene	6.63	78	423529	35.24	ug/l	100
40) Dibromochloromethane	9.33	129	101844	33.59	ug/l	97
41) 2-Chloroethylvinylether	8.20	63	39155	23.56	ug/l	95
42) cis-1,3-Dichloropropene	8.32	75	180164	35.31	ug/l	100
43) trans-1,3-Dichloropropene	8.84	75	136624	33.08	ug/l	96
44) 1,1,2-Trichloroethane	8.98	97	89087	46.03	ug/l	87
46) 1,3-Dichloropropane	8.84	76	5182	1.07	ug/l	98

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

1.8/7

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08601.D Vial: 8
Acq On : 10 Aug 2005 12:32 Operator: DB
Sample : AC18999-001(MS) Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 12:52 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

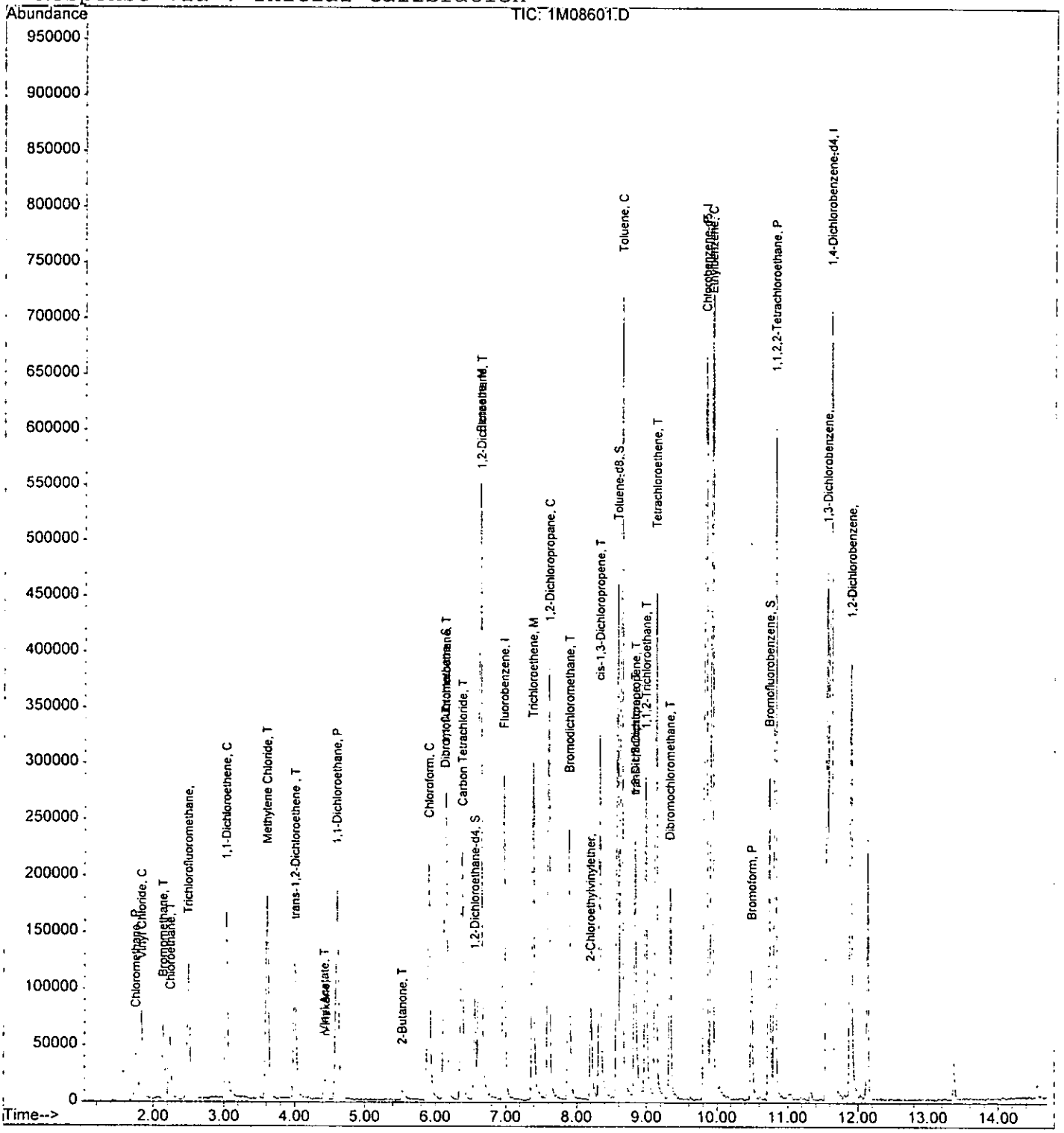
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	Tetrachloroethene	9.13	164	107961	31.76	ug/l	86
51)	Toluene	8.64	92	288203	35.22	ug/l	90
53)	Chlorobenzene	9.84	112	306658	33.32	ug/l	99
55)	Bromoform	10.49	173	62840	31.68	ug/l	89
56)	Ethylbenzene	9.92	106	91240	36.72	ug/l	99
57)	1,1,2,2-Tetrachloroethane	10.82	83	103944	35.40	ug/l	99
63)	1,3-Dichlorobenzene	11.56	146	196234	25.50	ug/l	92
64)	1,4-Dichlorobenzene	11.62	146	220050	27.13	ug/l	85
65)	1,2-Dichlorobenzene	11.90	146	191419	27.08	ug/l	91

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08601.D Vial: 8
Acq On : 10 Aug 2005 12:32 Operator: DB
Sample : AC18999-001(MS) Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 12:52 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08602.D Vial: 9
Acq On : 10 Aug 2005 12:57 Operator: DB
Sample : AC18999-001(MSD) Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 14:28 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.97	96	256179	30.00	ug/l	0.00
39) Chlorobenzene-d5	9.82	117	220815	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.61	152	143344	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.13	111	77763	32.12	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.07%			
28) 1,2-Dichloroethane-d4	6.56	67	43986	31.01	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.37%			
50) Toluene-d8	8.58	98	293893	29.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.87%			
58) Bromofluorobenzene	10.75	174	94920	24.99	ug/l	0.01
Spiked Amount 30.000			Recovery = 83.30%			
Target Compounds						Qvalue
3) Chloromethane	1.75	50	101246	23.58	ug/l	95
4) Bromomethane	2.15	94	52509	32.17	ug/l	96
5) Vinyl Chloride	1.83	62	93230	28.70	ug/l	97
6) Chloroethane	2.23	64	58388	32.92	ug/l	99
7) Trichlorofluoromethane	2.50	101	140812	40.88	ug/l	91
8) Methylene Chloride	3.61	84	94029	56.49	ug/l	87
15) n-Hexane	4.43	57	9045	2.48	ug/l	93
17) 1,1-Dichloroethene	3.04	61	150464	40.20	ug/l	98
19) 1,1-Dichloroethane	4.60	63	281879	41.18	ug/l	98
20) trans-1,2-Dichloroethene	4.01	96	67555	37.44	ug/l	94
26) Chloroform	5.91	83	231069	40.48	ug/l	98
29) 1,2-Dichloroethane	6.65	62	177662	40.87	ug/l	99
30) 2-Butanone	5.52	43	24479	19.41	ug/l	88
31) 1,1,1-Trichloroethane	6.16	97	182113	40.10	ug/l	98
32) Carbon Tetrachloride	6.37	117	172881	43.93	ug/l	99
33) Vinyl Acetate	4.43	43	8593	1.30	ug/l	100
34) Bromodichloromethane	7.89	83	177105	41.47	ug/l	97
36) 1,2-Dichloropropane	7.60	63	153257	40.97	ug/l	99
37) Trichloroethene	7.39	130	121256	39.64	ug/l	93
38) Benzene	6.63	78	476199	39.93	ug/l	100
40) Dibromochloromethane	9.33	129	118419	38.25	ug/l	97
41) 2-Chloroethylvinylether	8.20	63	48249	28.43	ug/l	100
42) cis-1,3-Dichloropropene	8.32	75	204965	39.33	ug/l	97
43) trans-1,3-Dichloropropene	8.84	75	154105	36.53	ug/l	99
44) 1,1,2-Trichloroethane	8.98	97	99084	50.13	ug/l	96
46) 1,3-Dichloropropane	8.84	76	6433	1.30	ug/l	77

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

1877

Quantitation Report (Not Reviewed)

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08602.D Vial: 9
Acq On : 10 Aug 2005 12:57 Operator: DB
Sample : AC18999-001(MSD) Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 14:28 2005 Quant Results File: 1M_S0804.RES

Quant Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:45:48 2005
Response via : Initial Calibration
DataAcq Meth : M_8260A

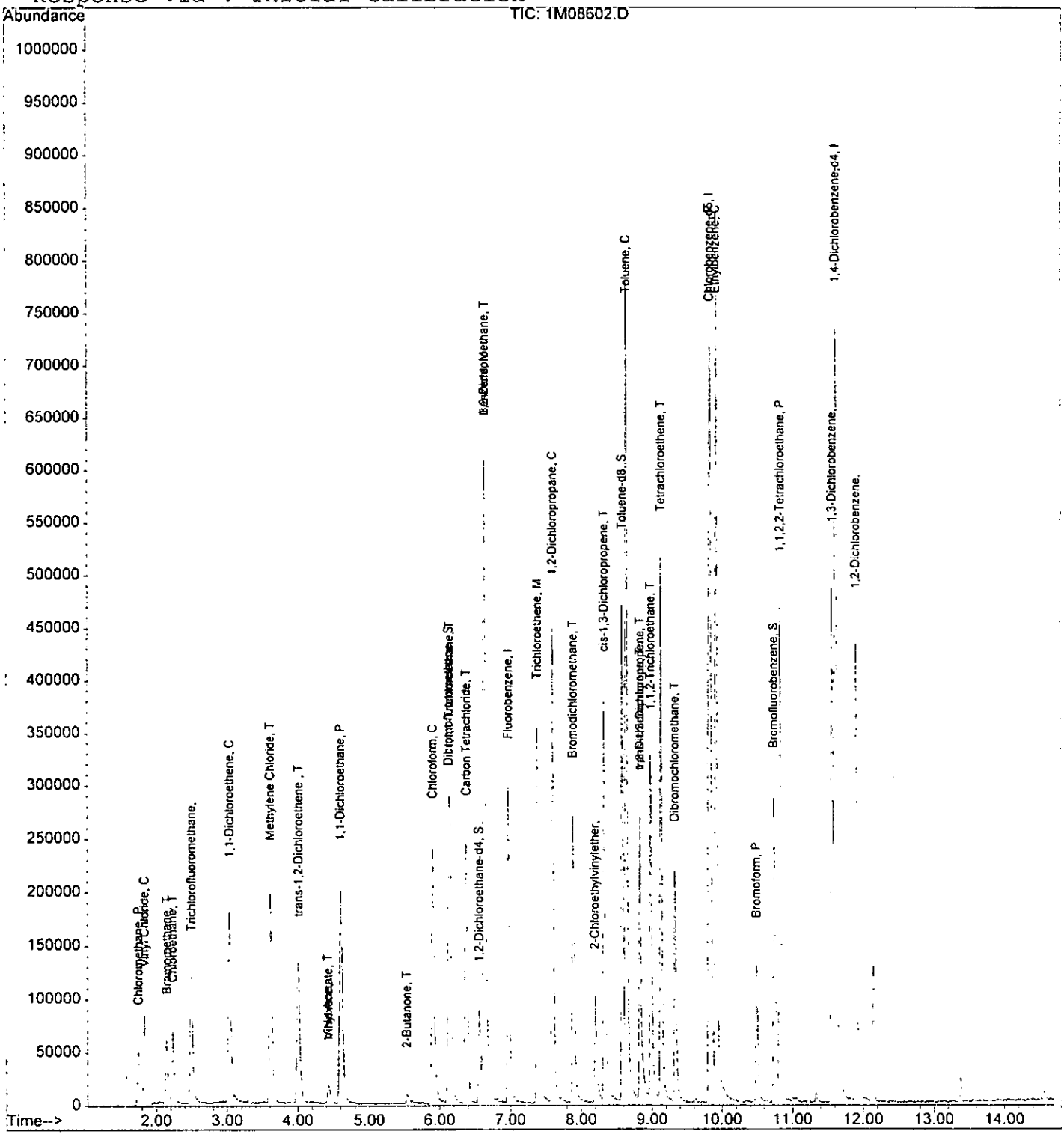
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	Tetrachloroethene	9.13	164	119305	34.37	ug/l	93
51)	Toluene	8.64	92	312312	37.37	ug/l	87
53)	Chlorobenzene	9.84	112	340154	36.19	ug/l	96
55)	Bromoform	10.49	173	70878	33.96	ug/l	97
56)	Ethylbenzene	9.93	106	97936	37.46	ug/l	91
57)	1,1,2,2-Tetrachloroethane	10.83	83	122261	39.57	ug/l	96
63)	1,3-Dichlorobenzene	11.57	146	208364	25.74	ug/l	91
64)	1,4-Dichlorobenzene	11.63	146	239193	28.03	ug/l	84
65)	1,2-Dichlorobenzene	11.90	146	210505	28.29	ug/l	91

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

Quantitation Report

Data File : G:\GcMsData\2005\GCMS_1\DATA\08-10-05\1M08602.D Vial: 9
Acq On : 10 Aug 2005 12:57 Operator: DB
Sample : AC18999-001(MSD) Inst : GCMS_1
Misc : S,5G Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 10 14:28 2005 Quant Results File: 1M_S0804.RES

Method : G:\GCMSDATA\2005\GCMS_1\METHODS\1M_S0804.M (RTE Integrator)
Title : @GCMS_1,ug,624,8260
Last Update : Thu Aug 04 14:27:42 2005
Response via : Initial Calibration



GC/MS Volatile Data
Logbook Data

RUN LOG

Instrument: GCMS_1 Year: 2005
Analyst: DB

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
1M08396.	BFB TUNE								08/03 09:17					
1M08397.	CAL @ 50 PPB	C16C18			Soil	0.4	1	624 8260	08/03 09:37	1M08175				
)8398.	CAL @ 50 PPB	C16C18			Soil	0.4	1	624 8260	08/03 10:08	1M08175				
..08399.	CAL @ 50 PPB	C16C18			Soil	0.4	1	624 8260	08/03 11:13	1M08175				
1M08400.	BFB TUNE								08/03 11:46					
1M08401.	CAL @ 500 PPB	Oc			Soil	1	1	624 8260	08/03 12:09	1M08404				
1M08402.	CAL @ 100 PPB	Oc			Soil	1	1	624 8260	08/03 12:34	1M08404				
1M08403.	CAL @ 50 PPB				Soil	1	1	624 8260	08/03 12:58	1M08404				
1M08404.	CAL @ 20 PPB				Soil	1	1	624 8260	08/03 13:23	1M08404				
1M08405.	CAL @ 10 PPB				Soil	1	1	624 8260	08/03 13:47	1M08404				
1M08406.	CAL @ 5 PPB				Soil	1	1	624 8260	08/03 14:12	1M08404				
1M08407.	CAL @ 1 PPB				Soil	1	1	624 8260	08/03 14:37	1M08404				
1M08408.	DAILY BLANK	OK			Soil	1	1	8260	08/03 15:01	1M08404		1M08404		
1M08409.	BLK	=			Soil	1	1	8260	08/03 15:26	1M08404		1M08404		1M08408
1M08410.	AC18891-001	OK	3.6 S	VO-8260	Soil	1	1	8260	08/03 15:50	1M08404		1M08404		1M08408
1M08411.	AC18891-006		3.4 S	VO-8260	Soil	1	1	8260	08/03 16:15	1M08404		1M08404		1M08408
1M08412.	AC18891-002			VO-8260	Soil	1	1	8260	08/03 16:39	1M08404		1M08404		1M08408
1M08413.	AC18891-003			VO-8260	Soil	1	1	8260	08/03 17:04	1M08404		1M08404		1M08408
1M08414.	AC18891-004			VO-8260	Soil	1	1	8260	08/03 17:29	1M08404		1M08404		1M08408
1M08415.	AC18891-005			VO-8260	Soil	1	1	8260	08/03 17:53	1M08404		1M08404		1M08408
1M08416.	AC18891-007			VO-8260	Soil	1	1	8260	08/03 18:18	1M08404		1M08404		1M08408
1M08417.	AC18891-008			VO-8260	Soil	1	1	8260	08/03 18:42	1M08404		1M08404		1M08408
1M08418.	AC18891-009			VO-8260	Soil	1	1	8260	08/03 19:07	1M08404		1M08404		1M08408
1M08419.	AC18891-010			VO-8260	Soil	1	1	8260	08/03 19:31	1M08404		1M08404		1M08408
1M08420.	AC18891-011			VO-8260	Soil	1	1	8260	08/03 19:56	1M08404		1M08404		1M08408
1M08421.	AC18893-001			VO-8260	Soil	1	1	8260	08/03 20:21	1M08404		1M08404		1M08408
1M08422.	AC18893-003			VO-8260	Soil	1	1	8260	08/03 20:45	1M08404		1M08404		1M08408
1M08423.	AC18893-005			VO-8260	Soil	1	1	8260	08/03 21:10	1M08404		1M08404		1M08408
1M08424.	AC18893-007			VO-8260	Soil	1	1	8260	08/03 21:34	1M08404		1M08404		1M08408
1M08425.	AC18893-008			VO-8260	Soil	1	1	8260	08/03 21:58	1M08404		1M08404		1M08408
1M08426.	AC18893-006			VO-8260	Soil	1	1	8260	08/03 22:23	1M08404		1M08404		1M08408
1M08427.	AC18893-004			VO-8260	Soil	1	1	8260	08/03 22:47	1M08404		1M08404		1M08408
1M08428.	AC18893-002			VO-8260	Soil	1	1	8260	08/03 23:12	1M08404		1M08404		1M08408
1M08429.	BLK	=			Soil	1	1	8260	08/03 23:36	1M08404		1M08404		1M08408
1M08430.	BLK	Ti8			Soil	1	1	8260	08/04 00:01	1M08404		1M08404		1M08408
1M08431.	BLK	Ti8			Soil	1	1	8260	08/04 00:25	1M08404		1M08404		1M08408
)8432.	BLK	Ti8			Soil	1	1	8260	08/04 00:50	1M08404		1M08404		1M08408
..08433.	BLK	Ti8			Soil	1	1	8260	08/04 01:14	1M08404		1M08404		1M08408
1M08434.	BLK	Ti8			Soil	1	1	8260	08/04 01:38	1M08404		1M08404		1M08408
1M08435.		TnIsCnSnc	Not Quant'd											

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	Trip/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	Trip Extraction Performed Outside of Hold	Ro	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rto	Can't Calculate Diff
C16	Calibration Column 1 Out (600 Series)	Hh	Analyses Before Collection Date	S6	600 series surrogate out
	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	S8	8000 series surrogate out
	Calibration Column 2 Out (600 Series)	I18 I26	Initial cal 600 series failed Column 1 and or 2	Sa6 Sh6	Acid and or BN Surrogate Out (600 series)
,	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Sa8 Sh8	Acid and or BN Surrogate Out (8000 series)
	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 calmt.csv for ical calibration chek rls	Snc	Surrogate Not Checked
Cme	Endmo Cal missing for sample (8000 series)	Iw	Initial cal warning. Ical file <> method	T45	Outside of 500 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	T6	Outside of 600 series Tune time/Cal Time
D1o D2o	Dnft Out Column 1 or Column 2 Cals or Ical Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	T8	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
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Tn	Tune Not Checked
Emo	Problem Checking Pier/nondates.mod/check/compound	Moc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval.Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wn	Warning - Instrument Id not in Tafl.dc field.

RUN LOG

Instrument: GCMS_1 Year: 2005
Analyst: DB

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
1M08453.	BFB TUNE								08/04 15:58					
1M08454.	CAL @ 50 PPB	C16			Soil	0.4	1	624 8260	08/04 16:17	1M08445				
1M08455.	DAILY BLANK		OK		Soil	1	1	8260	08/04 16:45	1M08445		1M08454		
1M08456.	AC18922-007			VO-8260	Soil	1	1	8260	08/04 17:10	1M08445		1M08454		1M08455
1M08457.	AC18916-003			VO-8260	Soil	1	1	8260	08/04 17:34	1M08445		1M08454		1M08455
1M08458.	AC18916-004			VO-8260	Soil	1	1	8260	08/04 17:59	1M08445		1M08454		1M08455
1M08459.	AC18916-005			VO-8260	Soil	1	1	8260	08/04 18:23	1M08445		1M08454		1M08455
1M08460.	AC18916-006	S8Oc	RR-MEXT	VO-8260	Soil	1	1	8260	08/04 18:48	1M08445		1M08454		1M08455
1M08461.	AC18916-007		OK	VO-8260	Soil	1	1	8260	08/04 19:12	1M08445		1M08454		1M08455
1M08462.	AC18916-001	S8	RR-MEXT	VO-8260	Soil	1	1	8260	08/04 19:37	1M08445		1M08454		1M08455
1M08463.	MBS2489		OK MBS2489		Soil	1	1	8260	08/04 20:01	1M08445		1M08454		1M08455
1M08464.	AC18916-008(5X)		MBS2489	VO-8260	Soil	1	5	8260	08/04 20:26	1M08445		1M08454		1M08455
1M08465.	AC18916-009(MS:AC1		MBS2489	VO-8260	Soil	1	1	8260	08/04 20:50	1M08445		1M08454		1M08455
1M08466.	AC18916-011	S8Oc	RR-MEXT	VO-8260	Soil	1	1	8260	08/04 21:15	1M08445		1M08454		1M08455
1M08467.	AC18916-010(MSD:AC		OK MBS2489	VO-8260	Soil	1	1	8260	08/04 21:39	1M08445		1M08454		1M08455
1M08468.	AC18916-012			VO-8260	Soil	1	1	8260	08/04 22:04	1M08445		1M08454		1M08455
1M08469.	AC18916-013			VO-8260	Soil	1	1	8260	08/04 22:28	1M08445		1M08454		1M08455
1M08470.	AC18916-015			VO-8260	Soil	1	1	8260	08/04 22:53	1M08445		1M08454		1M08455
1M08471.	AC18916-016			VO-8260	Soil	1	1	8260	08/04 23:17	1M08445		1M08454		1M08455
1M08472.	AC18916-017	S8Oc	RR-MEXT	VO-8260	Soil	1	1	8260	08/04 23:42	1M08445		1M08454		1M08455
1M08473.	AC18922-002		OK	VO-8260	Soil	1	1	8260	08/05 00:06	1M08445		1M08454		1M08455
1M08474.	AC18922-005			VO-8260	Soil	1	1	8260	08/05 00:31	1M08445		1M08454		1M08455
1M08475.	AC18922-006			VO-8260	Soil	1	1	8260	08/05 00:55	1M08445		1M08454		1M08455
1M08476.	AC18922-010			VO-8260	Soil	1	1	8260	08/05 01:20	1M08445		1M08454		1M08455
1M08477.	AC18922-011	Ao		VO-8260	Soil	1	1	8260	08/05 01:44	1M08445		1M08454		1M08455
1M08478.	AC18922-012			VO-8260	Soil	1	1	8260	08/05 02:08	1M08445		1M08454		1M08455
1M08479.	AC18922-013	Ao		VO-8260	Soil	1	1	8260	08/05 02:33	1M08445		1M08454		1M08455
1M08480.	AC18916-014(5X)			VO-8260	Soil	1	5	8260	08/05 02:57	1M08445		1M08454		1M08455
1M08481.	AC18916-002(5X)	S8AoOc	RR-MEXT	VO-8260	Soil	1	5	8260	08/05 03:22	1M08445		1M08454		1M08455
1M08482.	BLK	Ti8			Soil	1	1	8260	08/05 07:49	1M08445		1M08454		1M08455
1M08483.	BLK	Ti8			Soil	1	1	8260	08/05 08:14	1M08445		1M08454		1M08455
1M08484.		TnIsCnSnc	Not Quant'd											

Anc	Area Not Checked	En	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Exn	Solvent Extraction Date Missing/Not check'd	R16 R26	Rpd Out on MS/Msd (col1 and or col2) 600 series
B6m	Blank 600 series missing	Etn	Trip/Solvent Extraction Date Missing/Not check'd	R18 R28	Rpd Out on MS/Msd (col1 and or col2) 8000 series
B8m	Blank 8000 series missing	Etn	Trip Extraction Performed Outside of Hold	Rn	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)	Hn	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 Sn6	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 Sn8	Acid and or BN Surrogate Out (8000 series)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
	8000 series sample/blank did not have passing cal	Iv	Prob with calibr.csv (or int calibration chek rt's	Snc	Surrogate Not Checked
	Endsn Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Ti5	Outside of 600 series Tune time
Cn	Calibration Not Checked for sample/blank/eval	Iy	Initial Cal Files Not Updated Properly for a samp	Ti6	Outside of 600 series Tune time/Cal Time
D1a D2n	Drift Out Column 1 or Column 2 Cals or Ind 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 mod/checkprep/und	Mnc	Spike Not Checked for this ms/msd	To	Tune File Failed
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wn	Warning Instrument Id not in TstLoc list

RUN LOG

Instrument: GCMS_1 Year: 2005
Analyst: DB

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
1M08594.	BFB TUNE								08/10 09:31					
1M08595.	CAL @ 50 PPB	C16			Soil	0.4	1	624 8260	08/10 09:51	1M08445				
1M08596.	BLK				Soil	1	1	8260	08/10 10:30	1M08445		1M08595		1M08597
1M08597.	DAILY BLANK		OK		Soil	1	1	8260	08/10 10:54	1M08445		1M08595		
1M08598.	AC18999-003			VOSTARS-82	Soil	1	1	8260	08/10 11:19	1M08445		1M08595		1M08597
1M08599.	BLK				Soil	1	1	8260	08/10 11:43	1M08445		1M08595		1M08597
1M08600.	MBS2508		OK MBS2508		Soil	1	1	8260	08/10 12:08	1M08445		1M08595		1M08597
1M08601.	AC18999-001(MS)		MBS2508	VOSTARS-82	Soil	1	1	8260	08/10 12:32	1M08445		1M08595		1M08597
1M08602.	AC18999-001(MSD)		MBS2508	VOSTARS-82	Soil	1	1	8260	08/10 12:57	1M08445		1M08595		1M08597
1M08603.	BLK				Soil	1	1	8260	08/10 16:42	1M08445		1M08595		1M08597
1M08604.	BLK				Soil	1	1	8260	08/10 17:06	1M08445		1M08595		1M08597
1M08605.		TnIsCnSnc	Not Quant'd											

Anc	Area Not Checked	Ep	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 M/Msd (col1 and or col2) 600 series
B6m	Blank 600 series mission	Etn	Tnbt/Solvent Extraction Date Missing/Not check'd	R18 R28	Rpd Out on M/Msd (col1 and or col2) 8000 series
B8m	Blank 8000 series mission	Eto	Tnbt Extraction Performed Outside of Hold	Rto	Retention Time Out Or %Diff Out
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Rtn	Can't Calculate Diff
C16	Calibration Column 1 Out (600 Series)	Hh	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
	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)
	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)
	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Sd	Surrogate Diluted Out
Caf	8000 series sample/blank did not have passing cal	Iv	Prob with calcd csv for ini calibration check ifs	Snc	Surrogate Not Checked
Cme	Endrin Cal mission for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Ts	Outside of 600 series Tune time
Co	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samp	Ta	Outside of 600 series Tune time/Cal Time
D16 D26	Drift Out Column 1 or Column 2 Cals or Ini Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Tb	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 Preps/dates mock check prepped	Msc	Spike Not Checked for this ms/msd	To	Tune File Failed
Ent	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Wle	Warning... Instrument Id not in Tnt1.oc field

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-650

Prepared By: jean
Description: 8260 VOA EXTRA MIX
Prep Date: 2/14/2005
Expiration Date: 2/14/2006
Department: Organics
BatchNumber:
Concentration: VARIOUS
Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
785	TBA	100 mg	neat	10000 ppm
802	n-Hexane	20 mg		2000 ppm
810	Methanol	10 ml	Neat	
950	Acetone	80 mg	Neat ml	8000 ppm
957	1,4-Dioxane	1000 mg	neat	100000 ppm
958	ACROLEIN	100 mg	NEAT	10000 ppm
963	Acrylonitrile	20 mg	neat	2000 ppm
964	Methyl tert-Butyl Ether	20 mg	neat	2000 ppm
965	Dilsopropyl Ether	20 mg	neat	2000 ppm

Veritech Lot Number: V-4877

Prepared By: Batelli, Daniel
Description: Gas Working
Prep Date: 7/18/2005
Expiration Date: 12/8/2005
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
952	VOA ORG GASES MIX	100 ul	2000 ppm	200 ppm
1033	P & T METHANOL	900 ul		

Veritech Lot Number: V-4878

Prepared By: Batelli, Daniel
Description: 8260 Working
Prep Date: 7/18/2005
Expiration Date: 11/8/2005
Department: Organics
BatchNumber:
Concentration: VARIOUS ppm
Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1147	trans-1,4-Dichloro-2-butene	100 ul	2000 ppm	200 ppm
1031	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
V-650	8260 VOA EXTRA MIX	100 ul	VARIOUS	various ppm
1252	8260-ADD-10X	100 ul	2000 ppm	200 ppm
1033	P & T METHANOL	600 ul		

Veritech Lot Number: V-5436

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 500 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 40 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-4877	Gas Working	100 ul	200 ppm	various ppb
V-4878	8260 Working	100 ul	VARIOUS pp	500 ppb
990	p&t water	40 ml	neat	

Veritech Lot Number: V-5437

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 500 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	5 ml	VARIOUS pp	500 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-5438

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 100 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	1 ml	VARIOUS pp	100 ppb
990	p&t water	4 ml	neat	

Veritech Lot Number: V-5439

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 50 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb
990	p&t water	4.5 ml	neat	

Veritech Lot Number: V-5440

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 20 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	.2 ml	VARIOUS pp	20 ppb
990	p&t water	4.8 ml	neat	

Veritech Lot Number: V-5441

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 10 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	.1 ml	VARIOUS pp	10 ppb
990	p&t water	4.9 ml	neat	

Veritech Lot Number: V-5442

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 5 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb
990	p&t water	4.95 ml	neat	

Veritech Lot Number: V-5443

Prepared By: Batelli, Daniel
Description: Soil8260 CAL @ 1 PPB
Prep Date: 8/3/2005
Expiration Date: 8/4/2005
Department: Organics
BatchNumber: B-564
Concentration: VARIOUS ppb
Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-5436	Soil8260 CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb
990	p&t water	4.99 ml	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 785

Description
TBA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	30,825-0	CO06359LI	09/10/01	09/10/10	Dan	1	100M	neat	

Veritech Control/Receipt Number: 802

Description
n-Hexane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Pharmco	35900HPLC	3002069	05/20/04	10/13/10	Yarka	1	4L	neat	

Veritech Control/Receipt Number: 810

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher Scientific	A453-1	040693	10/01/04	01/01/15	Dan	1	1L	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: 952

Description
VOA ORG GASES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
accustandard	M-601B-10X-PAK	B4010143	02/11/05	01/15/09	jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 957

Description
1,4-Dioxane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	44-2251	LB25729	02/14/05	11/30/07	jean	1	1g	neat	

Veritech Control/Receipt Number: 958

Description
ACROLEIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	4S8501	LB24963	02/14/05	10/31/07	jean	2	0.1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 963

Description
Acrylonitrile

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	4S-8502	LB15055	02/20/04	09/30/06	jean	1	0.1g	neat	

Veritech Control/Receipt Number: 964

Description
Methyl tert-Butyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	4-8027	lb14757	01/15/04	09/30/06	jean	1	1g	neat	

Veritech Control/Receipt Number: 965

Description
Diisopropyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	18530-2	185322	01/15/04	01/31/10	jean	1	1g	neat	

Veritech Control/Receipt Number: 990

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ver	na	na	02/23/05	11/30/05	Wickliffe, David	1	NA	neat	

Veritech Control/Receipt Number: 1031

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	5-02111	LB25054	03/02/05	11/30/06	Revolus, Jean	1	1ml	2000	PPM

Veritech Control/Receipt Number: 1033

Description
P & T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
FISHER	A453	043554	03/01/05	12/08/05	Wickliffe, David	1	1L	neat	

Veritech Control/Receipt Number: 1147

Description
trans-1,4-Dichloro-2-butene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	4-8303	LB26110	05/27/05	07/31/07	Revolus, Jean	1	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1252

Description
8260-ADD-10X

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
AccuStandard	M-8260-ADD-10X	B5050081-1A	07/07/05	11/08/05	Wickliffe, David	1	1mL	2000	PPM

Veritech Control/Receipt Number: 785

Description
TBA

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	30,825-0	CO06359LI	09/10/01	09/10/10	Dan	1	100M	neat	

Veritech Control/Receipt Number: 802

Description
n-Hexane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Pharmco	35900HPLC	3002069	05/20/04	10/13/10	Yarka	1	4L	neat	

Veritech Control/Receipt Number: 810

Description
Methanol

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher Scientific	A453-1	040693	10/01/04	01/01/15	Dan	1	1L	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: 952

Description
VOA ORG GASES MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
accustandard	M-601B-10X-PAK	B4010143	02/11/05	01/15/09	jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 957

Description
1,4-Dioxane

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	44-2251	LB25729	02/14/05	11/30/07	jean	1	1g	neat	

Veritech Control/Receipt Number: 958

Description
ACROLEIN

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	4S8501	LB24963	02/14/05	10/31/07	jean	2	0.1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 963

Description
Acrylonitrile

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	4S-8502	LB15055	02/20/04	09/30/06	jean	1	0.1g	neat	

Veritech Control/Receipt Number: 964

Description
Methyl tert-Butyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	4-8027	lb14757	01/15/04	09/30/06	jean	1	1g	neat	

Veritech Control/Receipt Number: 965

Description
Diisopropyl Ether

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
supelco	18530-2	185322	01/15/04	01/31/10	jean	1	1g	neat	

Veritech Control/Receipt Number: 990

Description
p&t water

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ver	na	na	02/23/05	11/30/05	Wickliffe, David	1	NA	neat	

Veritech Control/Receipt Number: 1031

Description
502/524 VOA CAL MIX

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	5-02111	LB25054	03/02/05	11/30/06	Revolus, Jean	1	1ml	2000	PPM

Veritech Control/Receipt Number: 1033

Description
P & T METHANOL

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
FISHER	A453	043554	03/01/05	12/08/05	Wickliffe, David	1	1L	neat	

Veritech Control/Receipt Number: 1147

Description
trans-1,4-Dichloro-2-butene

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	4-8303	LB26110	05/27/05	07/31/07	Revolus, Jean	1	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1252

Description
8260-ADD-10X

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
AccuStandard	M-8260-ADD-10X	B5050081-1A	07/07/05	11/08/05	Wickliffe, David	1	1mL	2000	PPM

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
4M05515	SMB2619	Soil	1		88	97	87	85	80	75
4M05560	SMB2623	Soil	1		81	85	71	71	70	62
4M05592	SMB2625	Soil	1		38	35	39	42	39	37
4M05593	SMB2626	Soil	1		82	78	81	91	81	75
4M05633	AC18893-001(3X)	Soil	3		82	86	78	92	86	83
4M05573	AC18893-002	Soil	1		84	84	91	90	107	102
4M05644	AC18893-003(3X)	Soil	3		90	83	98	96	101	83
4M05609	AC18893-004	Soil	1		78	75	77	93	86	78
4M05610	AC18893-005	Soil	1		74	75	75	82	83	71
4M05657	AC18893-006(3X)	Soil	3		45	44	42	59	52	53
4M05628	AC18893-007	Soil	1		76	77	78	82	86	80
4M05629	AC18893-008	Soil	1		71	74	74	83	93	76
4M05516	SMB2619(MS)	Soil	1		74	79	78	71	75	64
4M05518	AC18888-002(MS)	Soil	1		82	84	75	74	86	79
4M05519	AC18888-002(MSD)	Soil	1		81	84	83	76	85	82
4M05563	SMB2623(MS)	Soil	1		84	83	88	74	77	64
4M05565	AC19029-002(MS)	Soil	1		85	82	81	66	82	92
4M05566	AC19029-002(MSD)	Soil	1		86	85	81	75	81	104
4M05616	SMB2625(MS)	Soil	1		70	68	76	79	92	75
4M05617	SMB2626(MS)	Soil	1		69	68	66	79	91	75
4M05619	AC18932-001(MS)	Soil	1		73	72	83	79	91	79
4M05620	AC18932-001(MSD)	Soil	1		70	72	72	79	94	83

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

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

Form3

MBS Data

Method: 8270

8195

Data File:==>					4M05617.D														
Data/Batch/Sample ID:==>					SMB2626(MS)														
Date/Time:==>					08/15/05 18:52														
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	87.94	100	88												
1,4-Dichlorobenzen	28-104		1	0	85.49	100	85												
2,4-Dinitrotoluene	28-89		1	0	103.3	100	103*												
2-Chlorophenol	25-102		1	0	153.2	200	77												
4-Chloro-3-methylp	26-103		1	0	180.2	200	90												
4-Nitrophenol	11-114		1	0	182.7	200	91												
Acenaphthene	31-137		1	0	93.55	100	94												
N-Nitroso-di-n-propy	41-126		1	0	80.43	100	80												
Pentachlorophenol	17-109		1	0	196.9	200	98												
Phenol	26-90		1	0	160.3	200	80												
Pyrene	35-142		1	0	86.6	100	87												

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

FORM 3
Spike Recovery

Batch Number: SMB2619
Mbs Name: SMB2619(MS)
Ns Name: AC18888-002
Ms Name: AC18888-002(MS)
Msd Name: AC18888-002(MS

Mbs File: 4M05516.D
Non Spk'd File: 4M05517.D
Spike File: 4M05518.D
Spike Dup File: 4M05519.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	161.71	0.00	163.21	175.04	81	82	88	7
2-Chlorophenol	1	0	200	25	102	50	136.80	0.00	156.87	149.67	68	78	75	4.7
1,4-Dichlorobenzene	1	0	100	28	104	27	80.30	0.00	92.96	90.44	80	93	90	2.7
N-Nitroso-di-n-propyla	1	0	100	41	126	38	81.97	0.00	92.42	83.95	82	92	84	9.6
1,2,4-Trichlorobenzene	1	0	100	38	107	23	78.47	0.00	81.03	89.60	78	81	90	10
4-Chloro-3-methylphen	1	0	200	26	103	33	162.66	0.00	155.61	163.58	81	78	82	5
Acenaphthene	1	0	100	31	137	19	77.78	0.00	81.65	83.07	78	82	83	1.7
2,4-Dinitrotoluene	1	0	100	28	89	47	98.19	0.00	100.87	96.06	98 Mo	101 Mo	96 Mo	4.9
4-Nitrophenol	1	0	200	11	114	50	169.60	0.00	173.86	154.32	85	87	77	12
Pentachlorophenol	1	0	200	17	109	47	157.36	0.00	170.93	160.25	79	85	80	6.4
Pyrene	1	0	100	35	142	36	68.54	87.62	102.94	107.70	69	15 Mo	20 Mo	4.5

Note:

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

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

FORM 3
Spike Recovery

Batch Number: SMB2623
Mbs Name: SMB2623(MS)
Ns Name: AC19029-002
Ms Name: AC19029-002(MS)
Msd Name: AC19029-002(MS

Mbs File: 4M05563.D
Non Spk'd File: 4M05564.D
Spike File: 4M05565.D
Spike Dup File: 4M05566.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	169.59	0.00	159.47	168.74	85	80	84	5.6
2-Chlorophenol	1	0	200	25	102	50	158.21	0.00	164.89	155.73	79	82	78	5.7
1,4-Dichlorobenzene	1	0	100	28	104	27	83.92	0.00	76.17	80.37	84	76	80	5.4
N-Nitroso-di-n-propyla	1	0	100	41	126	38	98.86	0.00	94.34	95.93	99	94	96	1.7
1,2,4-Trichlorobenzene	1	0	100	38	107	23	84.22	0.00	86.34	78.56	84	86	79	9.4
4-Chloro-3-methylphen	1	0	200	26	103	33	159.85	0.00	168.52	159.91	80	84	80	5.2
Acenaphthene	1	0	100	31	137	19	78.05	0.00	78.62	83.96	78	79	84	6.6
2,4-Dinitrotoluene	1	0	100	28	89	47	104.26	0.00	106.25	101.98	104 Mo	106 Mo	102 Mo	4.1
4-Nitrophenol	1	0	200	11	114	50	144.84	0.00	144.37	148.34	72	72	74	2.7
Pentachlorophenol	1	0	200	17	109	47	96.08	0.00	107.38	100.40	48	54	50	6.7
Pyrene	1	0	100	35	142	36	67.83	0.00	98.38	110.85	68	98	111	12

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: SMB2625
Mbs Name: SMB2625(MS)
Ns Name: AC18932-001
Ms Name: AC18932-001(MS)
Msd Name: AC18932-001(MS

Mbs File: 4M05616.D
Non Spk'd File: 4M05618.D
Spike File: 4M05619.D
Spike Dup File: 4M05620.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	131.93	0.00	138.77	141.38	66	69	71	1.9
2-Chlorophenol	1	0	200	25	102	50	141.41	0.00	162.69	144.63	71	81	72	12
1,4-Dichlorobenzene	1	0	100	28	104	27	72.71	0.00	86.19	72.92	73	86	73	17
N-Nitroso-di-n-propyla	1	0	100	41	126	38	70.32	0.00	90.46	77.99	70	90	78	15
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.67	0.00	94.17	90.13	87	94	90	4.4
4-Chloro-3-methylphen	1	0	200	26	103	33	149.92	0.00	159.22	166.86	75	80	83	4.7
Acenaphthene	1	0	100	31	137	19	92.29	7.66	96.26	89.17	92	89	82	7.6
2,4-Dinitrotoluene	1	0	100	28	89	47	98.62	0.00	96.83	88.19	99 Mo	97 Mo	88	9.3
4-Nitrophenol	1	0	200	11	114	50	180.92	0.00	156.72	148.90	90	78	74	5.1
Pentachlorophenol	1	0	200	17	109	47	192.30	0.00	198.67	179.68	96	99	90	10
Pyrene	1	0	100	35	142	36	87.08	57.88	208.41	221.49	87	151 Mo	164 Mo	6.1

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: SMB2619
Blank Data File: 4M05515.D
Matrix: Soil

Blank Analysis Date: 08/11/05 11:47
Blank Extraction Date: 08/10/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18893-001(3X)	4M05633.D	08/16/05 01:12
AC18888-002(MS)	4M05518.D	08/11/05 12:59
AC18888-002(MS	4M05519.D	08/11/05 13:23
SMB2619(MS)	4M05516.D	08/11/05 12:11

FORM 4
Blank Summary

Blank Number: SMB2623
Blank Data File: 4M05560.D
Matrix: Soil

Blank Analysis Date: 08/12/05 12:12
Blank Extraction Date: 08/11/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18893-002	4M05573.D	08/12/05 17:26
AC18893-003(3X)	4M05644.D	08/16/05 10:01
AC18893-004	4M05609.D	08/15/05 14:39
AC18893-005	4M05610.D	08/15/05 15:03
AC19029-002(MS	4M05566.D	08/12/05 14:36
AC19029-002(MS)	4M05565.D	08/12/05 14:12
SMB2623(MS)	4M05563.D	08/12/05 13:24

FORM 4
Blank Summary

Blank Number: SMB2625
Blank Data File: 4M05592.D
Matrix: Soil

Blank Analysis Date: 08/15/05 07:55
Blank Extraction Date: 08/14/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18932-001(MS)	4M05619.D	08/15/05 19:40
SMB2625(MS)	4M05616.D	08/15/05 18:28
AC18932-001(MS	4M05620.D	08/15/05 20:03

FORM 4
Blank Summary

Blank Number: SMB2626
Blank Data File: 4M05593.D
Matrix: Soil

Blank Analysis Date: 08/15/05 08:19
Blank Extraction Date: 08/14/05
(If Applicable)

Sample Number	Data File	Analysis Date
AC18893-006(3X)	4M05657.D	08/16/05 15:37
AC18893-007	4M05628.D	08/15/05 23:14
AC18893-008	4M05629.D	08/15/05 23:37
SMB2626(MS)	4M05617.D	08/15/05 18:52

Form 5

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

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

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

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

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05512.D
Instrument: GCMS_4 **Analysis Date:** 08/11/05 10:37

Tune Scan/Time Range: Scan 316

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	55.9	111480	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.2	120016	PASS
70	69	0.00	2	1.2	1462	PASS
127	198	40	60	41.1	81880	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	199296	PASS
199	198	5	9	8.0	15860	PASS
275	198	10	30	27.3	54440	PASS
365	198	1	100	3.1	6257	PASS
441	443	0.01	100	90.0	27280	PASS
442	198	40	100	75.5	150400	PASS
443	442	17	23	20.2	30320	PASS

Data File	Sample Number	Analysis Date:
4M05513.D	CAL BNA@50PPM	08/11/05 10:59
4M05514.D	SMB2621	08/11/05 11:23
4M05515.D	SMB2619	08/11/05 11:47
4M05516.D	SMB2619(MS)	08/11/05 12:11
4M05517.D	AC18888-002	08/11/05 12:35
4M05518.D	AC18888-002(MS)	08/11/05 12:59
4M05519.D	AC18888-002(MS	08/11/05 13:23
4M05520.D	AC19001-004	08/11/05 14:23
4M05521.D	SMB2622(MS)	08/11/05 14:47
4M05522.D	SMB2622	08/11/05 15:11
4M05523.D	AC18937-001	08/11/05 15:35
4M05524.D	AC18888-003	08/11/05 15:59
4M05525.D	AC18888-006	08/11/05 16:23
4M05526.D	AC18872-004	08/11/05 16:47
4M05527.D	AC18872-006	08/11/05 17:11
4M05528.D	AC19021-001	08/11/05 17:35
4M05529.D	AC19021-003	08/11/05 17:59
4M05530.D	AC19021-005	08/11/05 18:23
4M05531.D	AC19021-004(3X)	08/11/05 18:47
4M05532.D	AC19021-002(3X)	08/11/05 19:10
4M05533.D	AC19026-002	08/11/05 19:34
4M05534.D	AC18916-020	08/11/05 19:58
4M05535.D	AC18916-022	08/11/05 20:22
4M05536.D	AC18984-001	08/11/05 20:46
4M05537.D	AC18984-005(3X)	08/11/05 21:10
4M05538.D	AC18916-017(20X)	08/11/05 21:34
4M05539.D	AC18872-005	08/11/05 21:58
4M05540.D	AC18891-001	08/11/05 22:22
4M05541.D	AC18891-007	08/11/05 22:46
4M05542.D	AC18916-007	08/11/05 23:10
4M05543.D	AC18888-009	08/11/05 23:34
4M05544.D	AC18875-002(20X)	08/11/05 23:58
4M05545.D	AC18875-003(20X)	08/12/05 00:21
4M05546.D	AC18893-001(20X)	08/12/05 00:45
4M05547.D	TEST	08/12/05 01:09
4M05548.D	TEST	08/12/05 01:33
4M05549.D	TEST	08/12/05 01:57

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05550.D
Instrument: GCMS_4 **Analysis Date:** 08/12/05 08:14

Tune Scan/Time Range: Average of 5.716 to 5.726 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.1	102804	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.5	110852	PASS
70	69	0.00	2	0.7	826	PASS
127	198	40	60	40.4	74072	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	183328	PASS
199	198	5	9	7.3	13398	PASS
275	198	10	30	25.2	46224	PASS
365	198	1	100	2.7	5034	PASS
441	443	0.01	100	88.1	22078	PASS
442	198	40	100	64.3	117800	PASS
443	442	17	23	21.3	25067	PASS

Data File	Sample Number	Analysis Date:
4M05552.D	CAL BNA@50PPM	08/12/05 09:01
4M05553.D	CAL BNA@10PPM	08/12/05 09:25
4M05554.D	CAL BNA@25PPM	08/12/05 09:49
4M05555.D	CAL BNA@80PPM	08/12/05 10:13
4M05556.D	CAL BNA@120PP	08/12/05 10:36
4M05557.D	CAL BNA@160PP	08/12/05 11:00
4M05558.D	CAL BNA@200PP	08/12/05 11:24
4M05559.D	SMB2623(MS)	08/12/05 11:48
4M05560.D	SMB2623	08/12/05 12:12
4M05561.D	WMB2639	08/12/05 12:36
4M05562.D	AC19001-004(T)	08/12/05 13:00
4M05563.D	SMB2623(MS)	08/12/05 13:24
4M05564.D	AC19029-002	08/12/05 13:48
4M05565.D	AC19029-002(MS)	08/12/05 14:12
4M05566.D	AC19029-002(MS	08/12/05 14:36
4M05567.D	AC18916-017(20X)	08/12/05 15:00
4M05568.D	AC18875-002(20X)	08/12/05 15:24
4M05569.D	AC18875-003(20X)	08/12/05 15:50
4M05570.D	AC18893-001(20X)	08/12/05 16:14
4M05571.D	AC18922-001	08/12/05 16:38
4M05572.D	AC18922-002	08/12/05 17:02
4M05573.D	AC18893-002	08/12/05 17:26
4M05574.D	AC18922-003	08/12/05 17:50
4M05575.D	AC18872-003	08/12/05 18:15
4M05576.D	AC18888-009	08/12/05 18:39
4M05577.D	AC18891-007	08/12/05 19:03
4M05578.D	AC18916-007	08/12/05 19:27
4M05579.D	AC18875-002(3X)	08/12/05 19:51
4M05580.D	AC18888-004	08/12/05 20:15
4M05581.D	AC18891-004	08/12/05 20:39
4M05582.D	AC18876-002	08/12/05 21:03
4M05583.D	AC18893-003(3X)	08/12/05 21:27
4M05584.D	TEST	08/12/05 21:51
4M05585.D	TEST	08/12/05 22:15
4M05586.D	TEST	08/12/05 22:39
4M05587.D	TEST	08/12/05 23:03

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05588.D
Instrument: GCMS_4 **Analysis Date:** 08/15/05 06:16

Tune Scan/Time Range: Average of 5.675 to 5.706 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	58.6	56535	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	63.6	61352	PASS
70	69	0.00	2	0.3	178	PASS
127	198	40	60	42.2	40736	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	96477	PASS
199	198	5	9	7.7	7408	PASS
275	198	10	30	23.1	22275	PASS
365	198	1	100	2.2	2169	PASS
441	443	0.01	100	92.5	9481	PASS
442	198	40	100	52.9	51009	PASS
443	442	17	23	20.1	10246	PASS

Data File	Sample Number	Analysis Date:
4M05589.D	CAL BNA@50PPM	08/15/05 06:41
4M05590.D	SMB2624	08/15/05 07:08
4M05591.D	SMB2624(MS)	08/15/05 07:31
4M05592.D	SMB2625	08/15/05 07:55
4M05593.D	SMB2626	08/15/05 08:19
4M05594.D	AC18922-012	08/15/05 08:43
4M05595.D	AC18922-005	08/15/05 09:06
4M05596.D	AC18922-006	08/15/05 09:30
4M05597.D	AC18922-007	08/15/05 09:54
4M05598.D	AC18922-008	08/15/05 10:18
4M05599.D	AC18922-009	08/15/05 10:42
4M05600.D	AC19029-001	08/15/05 11:05
4M05601.D	AC18922-011	08/15/05 11:29
4M05602.D	AC18922-013	08/15/05 11:53
4M05603.D	AC18922-004	08/15/05 12:17
4M05604.D	AC18922-010	08/15/05 12:41
4M05605.D	AC18876-002	08/15/05 13:04
4M05606.D	AC18872-007	08/15/05 13:28
4M05607.D	AC18872-009	08/15/05 13:52
4M05608.D	AC18888-004	08/15/05 14:16
4M05609.D	AC18893-004	08/15/05 14:39
4M05610.D	AC18893-005	08/15/05 15:03
4M05611.D	AC18922-004	08/15/05 15:51

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05612.D
Instrument: GCMS_4 **Analysis Date:** 08/15/05 16:31

Tune Scan/Time Range: Scan 310

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	57.7	113792	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.8	119776	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	43.4	85512	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	197056	PASS
199	198	5	9	7.5	14782	PASS
275	198	10	30	24.6	48392	PASS
365	198	1	100	2.6	5115	PASS
441	443	0.01	100	82.7	20672	PASS
442	198	40	100	59.1	116496	PASS
443	442	17	23	21.5	25008	PASS

Data File	Sample Number	Analysis Date:
4M05613.D	CAL BNA@50PPM	08/15/05 17:17
4M05614.D	CAL BNA@50PPM	08/15/05 17:41
4M05615.D	SMB2627	08/15/05 18:04
4M05616.D	SMB2625(MS)	08/15/05 18:28
4M05617.D	SMB2626(MS)	08/15/05 18:52
4M05618.D	AC18932-001	08/15/05 19:16
4M05619.D	AC18932-001(MS)	08/15/05 19:40
4M05620.D	AC18932-001(MS	08/15/05 20:03
4M05621.D	AC18922-012(MS)	08/15/05 20:27
4M05622.D	AC18922-012(MS	08/15/05 20:51
4M05623.D	AC19023-004	08/15/05 21:15
4M05624.D	AC19023-006	08/15/05 21:39
4M05625.D	AC19024-002	08/15/05 22:02
4M05626.D	AC19024-004	08/15/05 22:26
4M05627.D	AC18893-006	08/15/05 22:50
4M05628.D	AC18893-007	08/15/05 23:14
4M05629.D	AC18893-008	08/15/05 23:37
4M05630.D	AC18916-023	08/16/05 00:01
4M05631.D	AC18940-001	08/16/05 00:25
4M05632.D	AC18942-027	08/16/05 00:48
4M05633.D	AC18893-001(3X)	08/16/05 01:12

Form 5

Tune Name: CAL DFTPP **Data File:** 4M05635.D
Instrument: GCMS_4 **Analysis Date:** 08/16/05 06:20

Tune Scan/Time Range: Average of 5.650 to 5.701 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	49.4	43524	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	55.2	48676	PASS
70	69	0.00	2	0.5	255	PASS
127	198	40	60	40.7	35866	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	88122	PASS
199	198	5	9	7.4	6546	PASS
275	198	10	30	26.4	23270	PASS
365	198	1	100	3.1	2694	PASS
441	443	0.01	100	89.0	12016	PASS
442	198	40	100	75.1	66148	PASS
443	442	17	23	20.4	13506	PASS

Data File	Sample Number	Analysis Date:
4M05636.D	CAL BNA@50PPM	08/16/05 06:39
4M05637.D	SMB2628	08/16/05 07:15
4M05638.D	SMB2628(MS)	08/16/05 07:38
4M05639.D	AC19093-001(20X)	08/16/05 08:02
4M05640.D	AC19052-001	08/16/05 08:26
4M05641.D	AC19052-001(MS)	08/16/05 08:50
4M05642.D	AC19052-001(MS	08/16/05 09:13
4M05643.D	AC19093-001(3X)	08/16/05 09:37
4M05644.D	AC18893-003(3X)	08/16/05 10:01
4M05645.D	AC18875-002(3X)	08/16/05 10:25
4M05646.D	AC19052-002	08/16/05 10:49
4M05647.D	AC19052-003	08/16/05 11:13
4M05648.D	AC19052-005	08/16/05 11:37
4M05649.D	AC18940-002	08/16/05 12:00
4M05650.D	AC18940-003	08/16/05 12:24
4M05651.D	AC18940-004	08/16/05 12:48
4M05652.D	SMB2629	08/16/05 13:38
4M05653.D	AC19027-001	08/16/05 14:02
4M05654.D	AC19027-002	08/16/05 14:25
4M05655.D	AC19027-001(10X)	08/16/05 14:49
4M05656.D	AC19027-002(10X)	08/16/05 15:13
4M05657.D	AC18893-006(3X)	08/16/05 15:37
4M05658.D	AC18916-023(3X)	08/16/05 16:01
4M05659.D	AC19049-008	08/16/05 16:24
4M05660.D	AC19049-009	08/16/05 16:48
4M05661.D	AC19052-001(MS	08/16/05 17:12
4M05662.D	AC19049-015	08/16/05 17:36
4M05663.D	AC19017-005	08/16/05 18:00
4M05664.D	AC19052-006	08/16/05 18:24
4M05665.D	AC19017-003	08/16/05 18:48
4M05666.D	AC19017-004	08/16/05 19:12

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05466.D

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

Lab File ID: CAL BNA@50PPM

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

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

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05513.D

Analysis Date/Time: 08/11/05 10:59

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	45242	4.84	129945	5.83	71916	7.40	120098	8.99	87232	12.18	58802	14.02
Eval File Area Limit:	22621-90484		64972-259890		35958-143832		60049-240196		43616-174464		29401-117604	
Eval File Rt Limit:	4.34-5.34		5.33-6.33		6.9-7.9		8.49-9.49		11.68-12.68		13.52-14.52	

Data File	Sample#											
4M05514	SMB2621	45322	4.84	141237	5.84	76693	7.39	129431	8.99	113964	12.18	91188	14.03
4M05515	SMB2619	29418	4.84	93715	5.84	50536	7.40	90901	8.99	81137	12.18	63867	14.02
4M05516	SMB2619(MS	52784	4.84	170352	5.84	92002	7.40	159901	8.99	135096	12.17	99969	14.02
4M05517	AC18888-002	38769	4.84	117982	5.83	56960	7.40	86241	8.99	45157	12.18	36045	14.02
4M05518	AC18888-002(	40203	4.84	135491	5.84	67244	7.40	94050	8.99	57346	12.17	47616	14.02
4M05519	AC18888-002(	41874	4.84	129677	5.83	66784	7.40	91930	8.99	50389	12.17	38666	14.02
4M05520	AC19001-004	32628	4.84	86945	5.83	43093	7.40	58757	9.00	38745	12.18	34056	14.03
4M05521	SMB2622(MS	39878	4.84	139353	5.83	76686	7.40	127305	8.99	80098	12.18	63447	14.02
4M05522	SMB2622	45775	4.84	148973	5.83	77714	7.40	122930	8.99	69120	12.18	49419	14.02
4M05523	AC18937-001	27807	4.85	39118	5.86	21034	7.44	30210	9.04	34790	12.18	32119	14.03
4M05524	AC18888-003	42521	4.84	137464	5.84	71078	7.40	114201	8.99	47714	12.17	36362	14.02
4M05525	AC18888-006	48589	4.84	143638	5.83	77774	7.40	99416	8.99	51270	12.18	40778	14.02
4M05526	AC18872-004	36681	4.84	109524	5.84	61742	7.39	77063	8.99	45105	12.18	36830	14.03
4M05527	AC18872-006	40051	4.84	113350	5.83	57241	7.39	71199	8.99	45494	12.18	38703	14.03
4M05528	AC19021-001	42649	4.84	136119	5.84	68230	7.40	82264	8.99	39858	12.17	33274	14.02
4M05529	AC19021-003	40561	4.84	136069	5.84	67870	7.40	92619	8.99	45534	12.17	36344	14.03
4M05530	AC19021-005	46476	4.84	133061	5.84	70735	7.39	93202	8.99	53297	12.18	44021	14.03
4M05531	AC19021-004(	33936	4.84	93014	5.84	45631	7.39	56610	8.99	39387	12.18	35341	14.03
4M05532	AC19021-002(	37618	4.84	111779	5.83	49752	7.39	71232	8.99	57975	12.18	48100	14.03
4M05533	AC19026-002	28272	4.84	78265	5.83	39735	7.40	64959	8.99	54771	12.18	47738	14.03
4M05534	AC18916-020	43023	4.84	106735	5.84	48538	7.41	60747	9.00	37589	12.17	31830	14.02
4M05535	AC18916-022	44091	4.84	133142	5.84	68492	7.39	81660	8.99	44808	12.18	37221	14.03
4M05536	AC18984-001	43712	4.84	144788	5.83	65970	7.40	78868	8.99	53041	12.18	41497	14.02
4M05537	AC18984-005(	52002	4.84	164225	5.84	72412	7.39	79523	8.99	47381	12.18	40103	14.03
4M05538	AC18916-017(	11857	5.47 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R
4M05539	AC18872-005	33383	4.84	96302	5.84	39237	7.40	51822	8.99	37553	12.18	32447	14.04
4M05540	AC18891-001	36988	4.84	117574	5.84	53975	7.39	70586	8.99	53604	12.19	46580	14.03
4M05541	AC18891-007	46420	4.84	135615	5.83	60752	7.40	67773	8.99	46686	12.18	36198	14.03
4M05542	AC18916-007	66694	4.84	210699	5.84	104906	7.39	124037	9.00	72233	12.18	58800	14.03
4M05543	AC18888-009	39539	4.84	122649	5.84	54001	7.40	66918	8.99	45736	12.18	38394	14.03
4M05544	AC18875-002(	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R
4M05545	AC18875-003(	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R
4M05546	AC18893-001(	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R
4M05547	TEST	33950	4.84	110897	5.84	49834	7.39	62927	9.00	42434	12.18	26337	14.03
4M05548	TEST	26720	4.84	77810	5.83	34648	7.40	51705	8.99	41601	12.18	26936	14.03
4M05549	TEST	36428	4.84	119034	5.84	53258	7.39	65421	8.99	49591	12.18	30678	14.03

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05552.D

Analysis Date/Time: 08/12/05 09:01

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	39680	4.84	136814	5.83	77490	7.38	136762	8.98	107369	12.17	81836	14.01
Eval File Area Limit:	19840-79360		68407-273628		38745-154980		68381-273524		53684-214738		40918-163672	
Eval File Rt Limit:	4.34-5.34		5.33-6.33		6.88-7.88		8.48-9.48		11.67-12.67		13.51-14.51	

Data File	Sample#											
4M05552	CAL BNA@50	39680	4.84	136814	5.83	77490	7.38	136762	8.98	107369	12.17	81836	14.01
4M05553	CAL BNA@10	34516	4.83	113821	5.82	67362	7.38	120057	8.98	103203	12.17	81584	14.01
4M05554	CAL BNA@25	32868	4.83	106536	5.82	62990	7.38	114618	8.98	97629	12.17	78079	14.01
4M05555	CAL BNA@80	35053	4.84	120798	5.83	64842	7.38	115051	8.98	87124	12.17	66616	14.01
4M05556	CAL BNA@12	36109	4.84	127630	5.83	72982	7.38	123711	8.98	80119	12.17	53512	14.01
4M05557	CAL BNA@16	38376	4.84	146887	5.83	97948	7.38	195187	8.99	105278	12.18	62159	14.01
4M05558	CAL BNA@20	34762	4.83	141326	5.83	94118	7.39	185116	8.98	112051	12.18	66154	14.01
4M05559	SMB2623(MS	40940	4.83	147968	5.83	101408	7.38	203817	8.98	220527	12.17	152687	14.01
4M05560	SMB2623	37772	4.83	141285	5.83	90503	7.38	191182	8.98	192125	12.17	137428	14.01
4M05561	WMB2639	29974	4.84	102620	5.83	59871	7.38	109013	8.98	90811	12.17	68292	14.01
4M05562	AC19001-004(	24075	4.84	75016	5.83	44132	7.38	77997	8.98	64990	12.17	50639	14.01
4M05563	SMB2623(MS	36650	4.84	130809	5.83	89261	7.38	181545	8.98	185204	12.17	126584	14.01
4M05564	AC19029-002	34151	4.83	133795	5.82	90134	7.38	180174	8.98	103314	12.16	59705	14.01
4M05565	AC19029-002(	37818	4.83	136423	5.83	100991	7.38	191087	8.98	102061	12.16	56577	14.01
4M05566	AC19029-002(	38361	4.84	154277	5.83	98337	7.38	186776	8.98	84128	12.17	49060	14.01
4M05567	AC18916-017(	45770	4.83	145145	5.83	85174	7.38	160952	8.99	97490	12.16	61928	14.01
4M05568	AC18875-002(	50228	4.83	171788	5.82	101096	7.39	144893	8.98	67659	12.16	47790	14.01
4M05569	AC18875-003(	47355	4.83	165135	5.83	93206	7.39	134876	8.98	63436	12.16	42537	14.01
4M05570	AC18893-001(	45582	4.84	164884	5.83	104881	7.38	153796	8.98	61672	12.17	41908	14.01
4M05571	AC18922-001	43472	4.84	174381	5.83	111302	7.38	165651	8.98	66266	12.17	43199	14.01
4M05572	AC18922-002	41635	4.84	167470	5.83	103131	7.38	172182	8.98	73741	12.17	51344	14.01
4M05573	AC18893-002	46169	4.84	164902	5.83	78861	7.39	121884	9.00	62731	12.17	37686	14.01
4M05574	AC18922-003	45396	4.83	167176	5.82	99801	7.39	135920	8.98	53315	12.16	38197	14.01
4M05575	AC18872-003	43248	4.83	175208	5.83	106893	7.38	154117	8.98	65198	12.17	46999	14.01
4M05576	AC18888-009	47018	4.83	172751	5.83	109613	7.39	168893	8.98	59817	12.16	43299	14.01
4M05577	AC18891-007	45074	4.84	180357	5.83	104600	7.38	150899	8.98	62011	12.17	37008	14.01
4M05578	AC18916-007	56802	4.84	216669	5.83	125836	7.38	189909	8.98	84283	12.17	50122	14.01
4M05579	AC18875-002(	44926	4.84	145311	5.83	61844	7.38	70969	8.99	38921	12.17	35454	14.02
4M05580	AC18888-004	48387	4.83	171483	5.82	92876	7.39	123935	8.98	50166	12.16	34753	14.01
4M05581	AC18891-004	44420	4.84	168426	5.83	92968	7.38	114161	8.98	48728	12.17	35391	14.01
4M05582	AC18876-002	45999	4.83	171656	5.82	104016	7.38	142319	8.98	56954	12.17	39370	14.01
4M05583	AC18893-003(	54670	4.83	170469	5.82	86332	7.39	96076	8.98	49880	12.16	36140	14.01
4M05584	TEST	47478	4.84	182285	5.83	91224	7.38	125822	8.98	61042	12.17	31714	14.01
4M05585	TEST	28210	4.83	105030	5.82	55228	7.39	73812	8.98	47525	12.17	28793	14.01
4M05586	TEST	46691	4.84	174809	5.83	92094	7.38	121816	8.98	60528	12.17	30611	14.01
4M05587	TEST	42904	4.83	154522	5.83	86650	7.38	119231	8.98	60184	12.17	32623	14.01

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05589.D

Analysis Date/Time: 08/15/05 06:41

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	25307	4.82	80991	5.82	43965	7.37	76585	8.97	56425	12.15	41926	13.99
Eval File Area Limit:	12654-50614		40496-161982		21982-87930		38292-153170		28212-112850		20963-83852	
Eval File Rt Limit:	4.32-5.32		5.32-6.32		6.87-7.87		8.47-9.47		11.65-12.65		13.49-14.49	

Data File	Sample#											
4M05590	SMB2624	19904	4.82	65690	5.81	34854	7.37	61242	8.96	48066	12.14	38310	13.99
4M05591	SMB2624(MS	17965	4.82	56523	5.81	33421	7.37	60993	8.96	52730	12.15	42821	13.99
4M05592	SMB2625	29570	4.82	92350	5.81	51938	7.37	93082	8.96	83424	12.14	68292	13.99
4M05593	SMB2626	13733	4.82	43358	5.81	23856	7.37	40706	8.96	36493	12.15	29444	13.99
4M05594	AC18922-012	19314	4.82	62687	5.81	35065	7.37	57738	8.96	46471	12.14	37461	13.98
4M05595	AC18922-005	19450	4.82	64105	5.81	38865	7.37	70749	8.96	41660	12.14	30210	13.98
4M05596	AC18922-006	15131	4.82	54055	5.82	33043	7.36	60488	8.96	40002	12.15	29924	13.99
4M05597	AC18922-007	23606	4.82	84441	5.82	52243	7.37	84603	8.96	38328	12.14	27549	13.99
4M05598	AC18922-008	33767	4.82	112762	5.82	63041	7.37	82540	8.96	40582	12.15	33673	13.99
4M05599	AC18922-009	28717	4.82	105267	5.81	55697	7.37	82738	8.96	40574	12.14	31328	13.98
4M05600	AC19029-001	33603	4.82	123998	5.81	66306	7.37	97847	8.96	52710	12.14	40912	13.98
4M05601	AC18922-011	35091	4.82	119570	5.82	58885	7.37	69973	8.97	43080	12.15	34504	13.99
4M05602	AC18922-013	32570	4.82	107259	5.81	54170	7.36	68560	8.96	37395	12.15	31206	13.99
4M05603	AC18922-004	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R	0	0.00 R
4M05604	AC18922-010	16742	4.82	52176	5.82	27310	7.37	41647	8.96	34693	12.14	30465	13.98
4M05605	AC18876-002	19732	4.82	60434	5.81	30703	7.37	45242	8.96	36024	12.14	31174	13.98
4M05606	AC18872-007	18316	4.82	57064	5.81	31411	7.36	48445	8.96	35759	12.14	30621	13.99
4M05607	AC18872-009	19522	4.82	61024	5.81	31085	7.37	49532	8.96	42881	12.14	37138	13.98
4M05608	AC18888-004	19652	4.82	56833	5.81	32973	7.36	55949	8.96	43805	12.14	37864	13.99
4M05609	AC18893-004	28147	4.82	88785	5.81	46154	7.36	75601	8.96	57572	12.14	48124	13.98
4M05610	AC18893-005	20209	4.82	65876	5.81	33512	7.37	53883	8.96	40484	12.14	33868	13.98
4M05611	AC18922-004	45469	4.82	134717	5.81	74251	7.36	116686	8.96	86835	12.14	73102	13.99

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05614.D

Analysis Date/Time: 08/15/05 17:41

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	30747	4.81	91594	5.80	49470	7.35	88316	8.95	74454	12.13	62098	13.97
Eval File Area Limit:	15374-61494		45797-183188		24735-98940		44158-176632		37227-148908		31049-124196	
Eval File Rt Limit:	4.31-5.31		5.3-6.3		6.85-7.85		8.45-9.45		11.63-12.63		13.47-14.47	

Data File	Sample#											
4M05615	SMB2627	26945	4.81	80069	5.80	44372	7.35	79734	8.95	66397	12.13	53290	13.97
4M05616	SMB2625(MS	29237	4.81	90612	5.80	48334	7.36	82021	8.95	71676	12.13	61393	13.97
4M05617	SMB2626(MS	23253	4.81	74549	5.80	41876	7.35	71218	8.95	65719	12.13	52211	13.97
4M05618	AC18932-001	29473	4.81	87700	5.80	59592	7.36	79807	8.96	52008	12.13	41975	13.97
4M05619	AC18932-001(	40008	4.81	123199	5.81	68974	7.36	108621	8.96	74767	12.13	58406	13.97
4M05620	AC18932-001(	33975	4.81	104617	5.80	61436	7.37	91541	8.95	58598	12.13	51650	13.97
4M05621	AC18922-012(	30236	4.81	100031	5.80	66172	7.35	99671	8.95	53672	12.13	44364	13.97
4M05622	AC18922-012(	23694	4.81	89311	5.80	60326	7.35	104667	8.95	57217	12.13	42394	13.97
4M05623	AC19023-004	34462	4.81	113156	5.80	67909	7.35	115557	8.95	62921	12.13	50431	13.97
4M05624	AC19023-006	37085	4.81	119590	5.80	67689	7.35	100462	8.95	58907	12.13	47494	13.97
4M05625	AC19024-002	39579	4.82	133442	5.81	74792	7.35	110823	8.95	59649	12.13	49701	13.97
4M05626	AC19024-004	38730	4.81	127046	5.80	65688	7.35	84239	8.95	45895	12.13	37644	13.97
4M05627	AC18893-006	37884	4.81	120281	5.81	60204	7.36	71479	8.95	43013	12.13	39238	13.97
4M05628	AC18893-007	32971	4.81	105118	5.80	62176	7.35	90096	8.95	54460	12.13	43328	13.97
4M05629	AC18893-008	37049	4.81	113464	5.80	63208	7.35	87970	8.95	56559	12.13	47320	13.98
4M05630	AC18916-023	30858	4.82	86730	5.81	33041	7.37	53814	8.97	46658	12.14	40347	13.98
4M05631	AC18940-001	38736	4.81	123830	5.80	64379	7.36	84328	8.95	50154	12.13	43475	13.97
4M05632	AC18942-027	33840	4.81	107386	5.80	60252	7.36	78755	8.95	38936	12.13	33318	13.97
4M05633	AC18893-001(	37841	4.82	122277	5.81	64814	7.35	86644	8.95	58980	12.13	50069	13.98

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M05636.D

Analysis Date/Time: 08/16/05 06:39

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	39104	4.80	120968	5.80	62211	7.35	94804	8.94	68427	12.12	56491	13.96
Eval File Area Limit:	19552-78208		60484-241936		31106-124422		47402-189608		34214-136854		28246-112982	
Eval File Rt Limit:	4.3-5.3		5.3-6.3		6.85-7.85		8.44-9.44		11.62-12.62		13.46-14.46	

Data File	Sample#											
4M05637	SMB2628	37918	4.80	110532	5.79	57080	7.35	82516	8.94	59623	12.12	55099	13.96
4M05638	SMB2628(MS	37617	4.81	119497	5.80	58343	7.35	84170	8.94	60297	12.12	49027	13.96
4M05639	AC19093-001(	39324	4.81	109076	5.80	53714	7.35	80320	8.94	55666	12.12	44104	13.96
4M05640	AC19052-001	30225	4.80	92447	5.80	46340	7.35	63285	8.94	41615	12.12	34422	13.96
4M05641	AC19052-001(	33139	4.81	95532	5.80	46687	7.35	62218	8.94	40716	12.12	34419	13.97
4M05642	AC19052-001(	32274	4.81	93527	5.80	40672	7.35	51725	8.94	32268	12.12	26137	13.97
4M05643	AC19093-001(	32782	4.81	89154	5.80	44310	7.35	52094	8.95	40490	12.13	34300	13.98
4M05644	AC18893-003(	37310	4.81	101863	5.80	50127	7.36	64745	8.94	49290	12.13	40603	13.97
4M05645	AC18875-002(	33955	4.80	91377	5.80	45420	7.35	62233	8.94	50338	12.13	41545	13.98
4M05646	AC19052-002	32903	4.80	94402	5.80	42209	7.35	53116	8.94	35636	12.12	29911	13.97
4M05647	AC19052-003	35141	4.80	94854	5.79	42636	7.35	54676	8.94	39774	12.13	31004	13.98
4M05648	AC19052-005	36298	4.81	111359	5.80	49578	7.35	66102	8.95	45354	12.13	34689	13.97
4M05649	AC18940-002	37326	4.80	105624	5.80	51013	7.35	69446	8.94	48563	12.12	36217	13.97
4M05650	AC18940-003	35078	4.80	97266	5.79	49200	7.35	66492	8.94	44108	12.12	35533	13.97
4M05651	AC18940-004	55308	4.81	153997	5.80	70957	7.35	89955	8.95	51994	12.13	42386	13.97
4M05652	SMB2629	47510	4.80	136337	5.80	71828	7.36	93069	8.94	61002	12.13	48190	13.97
4M05653	AC19027-001	44920	4.81	127652	5.80	77600	7.36	73807	8.94	48640	12.13	39676	13.97
4M05654	AC19027-002	36946	4.81	100817	5.80	65739	7.35	57440	8.95	41673	12.13	32010	13.98
4M05655	AC19027-001(	45970	4.80	122490	5.81	63917	7.35	83226	8.94	61143	12.12	45049	13.97
4M05656	AC19027-002(	41404	4.80	116263	5.80	61835	7.35	78391	8.94	55609	12.12	47455	13.97
4M05657	AC18893-006(	44837	4.81	131372	5.80	62821	7.36	83820	8.95	56757	12.13	45380	13.97
4M05658	AC18916-023(	41816	4.80	108977	5.81	48746	7.36	68203	8.96	53864	12.12	42907	13.98
4M05659	AC19049-008	39595	4.80	105553	5.81	55067	7.35	71546	8.94	54444	12.13	44547	13.97
4M05660	AC19049-009	43007	4.80	121060	5.81	60519	7.35	81107	8.94	57183	12.13	47192	13.97
4M05661	AC19052-001(	41623	4.81	114757	5.80	49205	7.35	63604	8.95	45607	12.13	38018	13.98
4M05662	AC19049-015	37635	4.81	110823	5.80	53668	7.36	66951	8.95	48054	12.13	39414	13.98
4M05663	AC19017-005	49778	4.81	130982	5.80	61628	7.35	75752	8.95	47108	12.14	37424	13.98
4M05664	AC19052-006	51682	4.81	132893	5.80	63742	7.35	78058	8.95	45558	12.14	37190	13.98
4M05665	AC19017-003	48741	4.81	137709	5.80	65751	7.35	86520	8.95	57849	12.14	44558	13.98
4M05666	AC19017-004	53026	4.81	143333	5.80	67119	7.35	83960	8.95	53547	12.14	42754	13.98

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

QC Limits:

Internal Standard Areas

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

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

Flags:

A - Indicates the compound failed the internal standard area criteria

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

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

MDL STUDY

Compound:	Instrument ID:>	GCMS_4				
	Effective Date:>	4/6/2005				
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,2,4-Trichlorobenzene		0.27068				
1,2-Dichlorobenzene		0.45670				
1,2-Diphenylhydrazine		0.28892				
1,3-Dichlorobenzene		0.41978				
1,4-Dichlorobenzene		0.50827				
2,4,5-Trichlorophenol		13.48778				
2,4,6-Trichlorophenol		24.22832				
2,4-Dichlorophenol		1.61728				
2,4-Dimethylphenol		1.38162				
2,4-Dinitrophenol		6.79626				
2,4-Dinitrotoluene		0.37194				
2,6-Dinitrotoluene		0.41264				
2-Chloronaphthalene		0.27626				
2-Chlorophenol		2.04081				
2-Methylnaphthalene		1.28859				
2-Methylphenol		4.76111				
2-Nitroaniline		0.70265				
2-Nitrophenol		1.16400				
3&4-Methylphenol		5.29712				
3,3'-Dichlorobenzidine		2.19132				
3-Nitroaniline		4.14156				
4,6-Dinitro-2-methylphenol		1.89986				
4-Bromophenyl-phenylether		0.38350				
4-Chloro-3-methylphenol		2.54354				
4-Chloroaniline		7.71643				
4-Chlorophenyl-phenylether		0.46255				
4-Nitroaniline		2.46624				
4-Nitrophenol		1.77424				
Acenaphthene		0.41753				
Acenaphthylene		0.23123				
Anthracene		0.26184				
Benzidine		2.26576				
Benzo[a]anthracene		0.17463				
Benzo[a]pyrene		0.23037				
Benzo[b]fluoranthene		0.29921				
Benzo[g,h,i]perylene		0.19015				
Benzo[k]fluoranthene		0.32572				
Bis(2-Chloroethoxy)methane		0.22803				
Bis(2-Chloroethyl)Ether		0.52829				
Bis(2-Chloroisopropyl)ether		0.32507				
Bis(2-Ethylhexyl)phthalate		0.90300				
Butylbenzylphthalate		0.40102				
Carbazole		0.29620				
Chrysene		0.20687				
Di-n-butylphthalate		0.22375				
DI-n-octylphthalate		0.23616				
Dibenzo[a,h]Anthracene		0.34866				
Dibenzofuran		1.26920				
Diethylphthalate		0.27453				
Dimethylphthalate		0.22624				
Fluoranthene		0.28734				
Fluorene		0.25288				
Hexachlorobenzene		0.46339				
Hexachlorobutadiene		0.42434				
Hexachlorocyclopentadiene		2.65832				
Hexachloroethane		0.74400				
Indeno[1,2,3-cd]pyrene		0.13771				
Isophorone		0.30857				
N-Nitroso-Di-N-Propylamine		0.48296				
N-Nitrosodimethylamine		11.80595				
N-Nitrosodiphenylamine		0.47696				
Naphthalene		0.23517				
Nitrobenzene		0.39734				
Pentachlorophenol		1.23489				
Phenanthrene		0.23032				
Phenol		1.52445				
Pyrene		0.23258				

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-001(3X)
Client Id: PCSB-51 (0.5)
Data File: 4M05633.D
Analysis Date: 08/16/05 01:12
Date Rec/Extracted: 08/03/05-08/10/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.028	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.031**	**2.9**
95-50-1	1,2-Dichlorobenzene	0.048	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.020**	**2.0**
122-66-7	1,2-Diphenylhydrazine	0.030	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.034**	**1.0**
541-73-1	1,3-Dichlorobenzene	0.044	U	111-91-1	bis(2-Chloroethoxy)methan	0.024	U
106-46-7	1,4-Dichlorobenzene	0.054	U	111-44-4	bis(2-Chloroethyl)ether	0.056	U
95-95-4	2,4,5-Trichlorophenol	1.4	U	108-60-1	bis(2-chloroisopropyl)ether	0.034	U
88-06-2	2,4,6-Trichlorophenol	2.6	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.095**	**0.15**
120-83-2	2,4-Dichlorophenol	0.17	U	85-68-7	Butylbenzylphthalate	0.042	U
105-67-9	2,4-Dimethylphenol	0.15	U	**86-74-8**	**Carbazole**	**0.031**	**0.13**
51-28-5	2,4-Dinitrophenol	0.72	U	**218-01-9**	**Chrysene**	**0.022**	**2.2**
121-14-2	2,4-Dinitrotoluene	0.039	U	**84-74-2**	**Di-n-butylphthalate**	**0.024**	**0.14 B**
606-20-2	2,6-Dinitrotoluene	0.043	U	117-84-0	Di-n-octylphthalate	0.025	U
91-58-7	2-Chloronaphthalene	0.029	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.037**	**0.63**
95-57-8	2-Chlorophenol	0.21	U	**132-64-9**	**Dibenzofuran**	**0.13**	**0.25**
91-57-6	**2-Methylnaphthalene**	**0.14**	**0.33**	84-66-2	Diethylphthalate	0.029	U
95-48-7	2-Methylphenol	0.50	U	131-11-3	Dimethylphthalate	0.024	U
88-74-4	2-Nitroaniline	0.074	U	**206-44-0**	**Fluoranthene**	**0.030**	**4.1**
88-75-5	2-Nitrophenol	0.12	U	86-73-7	Fluorene	0.027	U
106-44-5	3&4-Methylphenol	0.56	U	118-74-1	Hexachlorobenzene	0.049	U
91-94-1	3,3'-Dichlorobenzidine	0.23	U	87-68-3	Hexachlorobutadiene	0.045	U
99-09-2	3-Nitroaniline	0.44	U	77-47-4	Hexachlorocyclopentadiene	0.28	U
534-52-1	4,6-Dinitro-2-methylphenol	0.20	U	67-72-1	Hexachloroethane	0.078	U
101-55-3	4-Bromophenyl-phenylether	0.040	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.014**	**1.6**
59-50-7	4-Chloro-3-methylphenol	0.27	U	78-59-1	Isophorone	0.032	U
106-47-8	4-Chloroaniline	0.81	U	621-64-7	N-Nitroso-di-n-propylamine	0.051	U
7005-72-3	4-Chlorophenyl-phenylether	0.049	U	62-75-9	N-Nitrosodimethylamine	1.2	U
100-01-6	4-Nitroaniline	0.26	U	86-30-6	n-Nitrosodiphenylamine	0.050	U
100-02-7	4-Nitrophenol	0.19	U	**91-20-3**	**Naphthalene**	**0.025**	**0.36**
83-32-9	Acenaphthene	0.044	U	98-95-3	Nitrobenzene	0.042	U
208-96-8	**Acenaphthylene**	**0.024**	**0.40**	87-86-5	Pentachlorophenol	0.13	U
120-12-7	**Anthracene**	**0.028**	**0.59**	**85-01-8**	**Phenanthrene**	**0.024**	**2.1**
92-87-5	Benzidine	0.24	U	108-95-2	Phenol	0.16	U
56-55-3	**Benzo[a]anthracene**	**0.018**	**2.2**	**129-00-0**	**Pyrene**	**0.024**	**3.3**
50-32-8	**Benzo[a]pyrene**	**0.024**	**2.0**				

Worksheet #: 18332

Total Target Concentration 26.38

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\08-1505\4M05633.D Vial: 21
Acq On : 16 Aug 2005 1:12 Operator: AHD
Sample : AC18893-001(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:01 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

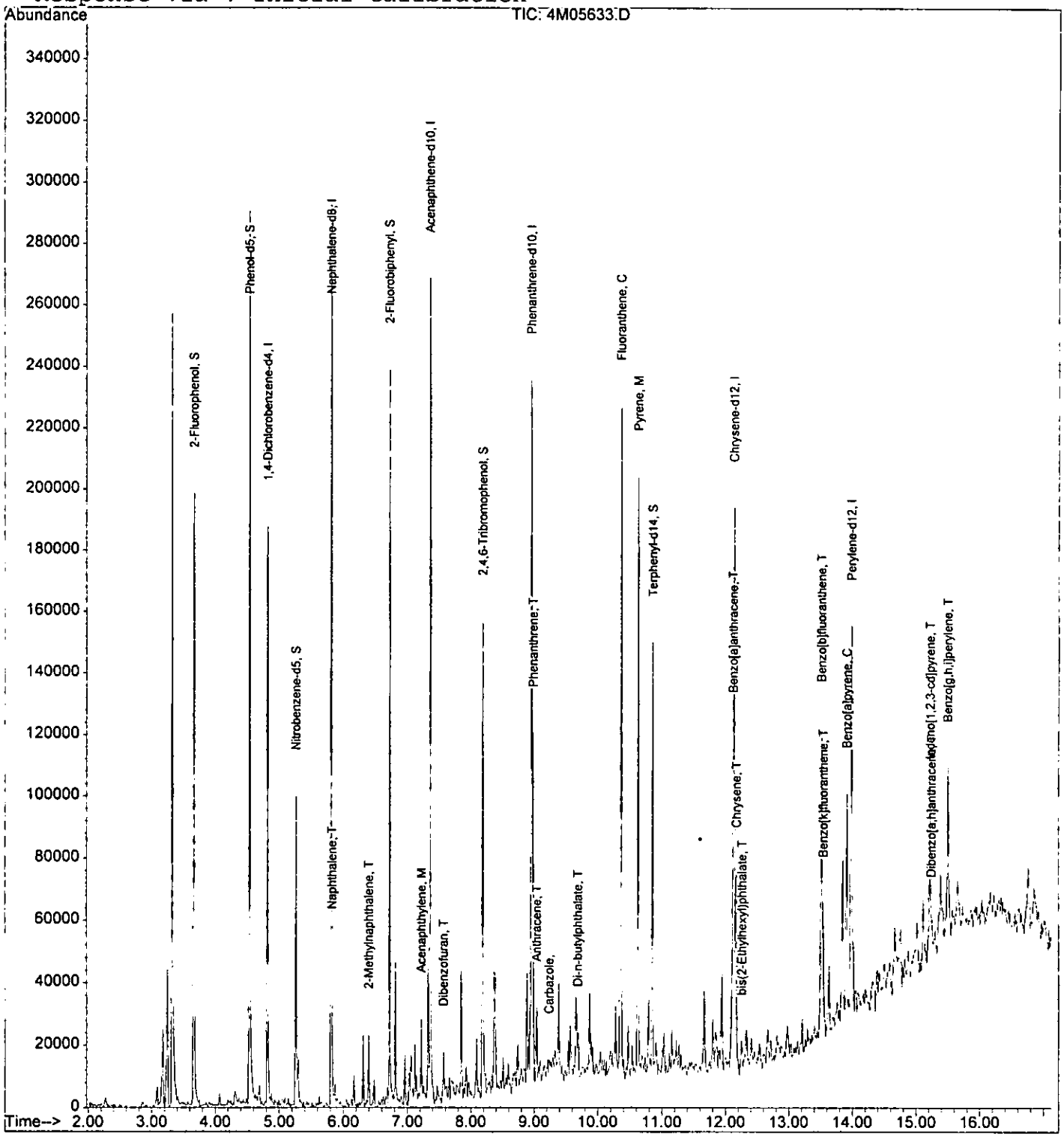
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	37841	40.00	ng	-0.02
19) Naphthalene-d8	5.81	136	122277	40.00	ng	-0.02
35) Acenaphthene-d10	7.35	164	64814	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	86644	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	58980	40.00	ng	-0.04
81) Perylene-d12	13.98	264	50069	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.66	112	60441	54.39	ng	-0.02
Spiked Amount 200.000			Recovery = 27.20%			
7) Phenol-d5	4.53	99	85226	57.15	ng	-0.02
Spiked Amount 200.000			Recovery = 28.58%			
20) Nitrobenzene-d5	5.26	128	14833	26.09	ng	-0.02
Spiked Amount 100.000			Recovery = 26.09%			
40) 2-Fluorobiphenyl	6.72	172	63368	30.75	ng	-0.02
Spiked Amount 100.000			Recovery = 30.75%			
62) 2,4,6-Tribromophenol	8.18	332	22133	57.11	ng	-0.03
Spiked Amount 200.000			Recovery = 28.56%			
75) Terphenyl-d14	10.85	244	43789	27.53	ng	-0.03
Spiked Amount 100.000			Recovery = 27.53%			
Target Compounds						Qvalue
29) Naphthalene	5.82	128	9881	3.40	ng	98
33) 2-Methylnaphthalene	6.39	142	6141	3.09	ng	93
46) Acenaphthylene	7.22	152	10747	3.83	ng	97
52) Dibenzofuran	7.57	168	5969	2.34	ng	97
67) Phenanthrene	8.98	178	42638	19.86	ng	97
68) Anthracene	9.04	178	12392	5.56	ng	94
69) Carbazole	9.23	167	2656	1.28	ng	77
70) Di-n-butylphthalate	9.68	149	3752	1.33	ng	77
71) Fluoranthene	10.36	202	88318	39.18	ng	100
73) Pyrene	10.63	202	69445	31.78	ng	92
78) Benzo[a]anthracene	12.12	228	37637	20.58	ng	92
79) Chrysene	12.17	228	34264	20.81	ng	94
80) bis(2-Ethylhexyl)phthalate	12.26	149	1993	1.43	ng	54
83) Benzo[b]fluoranthene	13.51	252	55418m	27.68	ng	
84) Benzo[k]fluoranthene	13.54	252	16774m	9.60	ng	
85) Benzo[a]pyrene	13.91	252	31217	18.66	ng	97
86) Indeno[1,2,3-cd]pyrene	15.22	276	26163	14.92	ng	91
87) Dibenzo[a,h]anthracene	15.24	278	8548	5.98	ng	84
88) Benzo[g,h,i]perylene	15.49	276	26414	18.85	ng	96

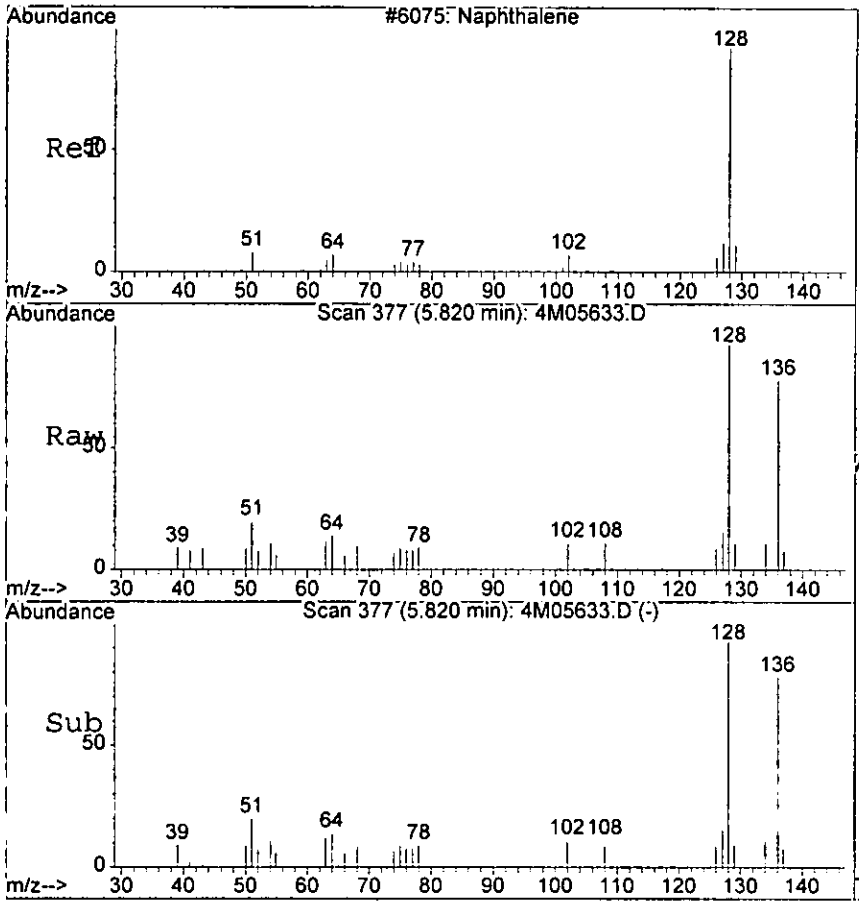
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05633.D Vial: 21
Acq On : 16 Aug 2005 1:12 Operator: AHD
Sample : AC18893-001(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:01 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

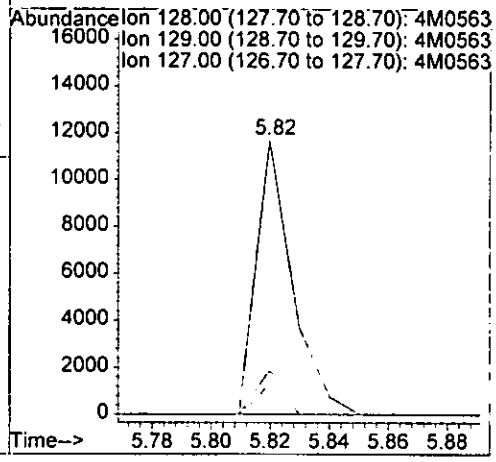


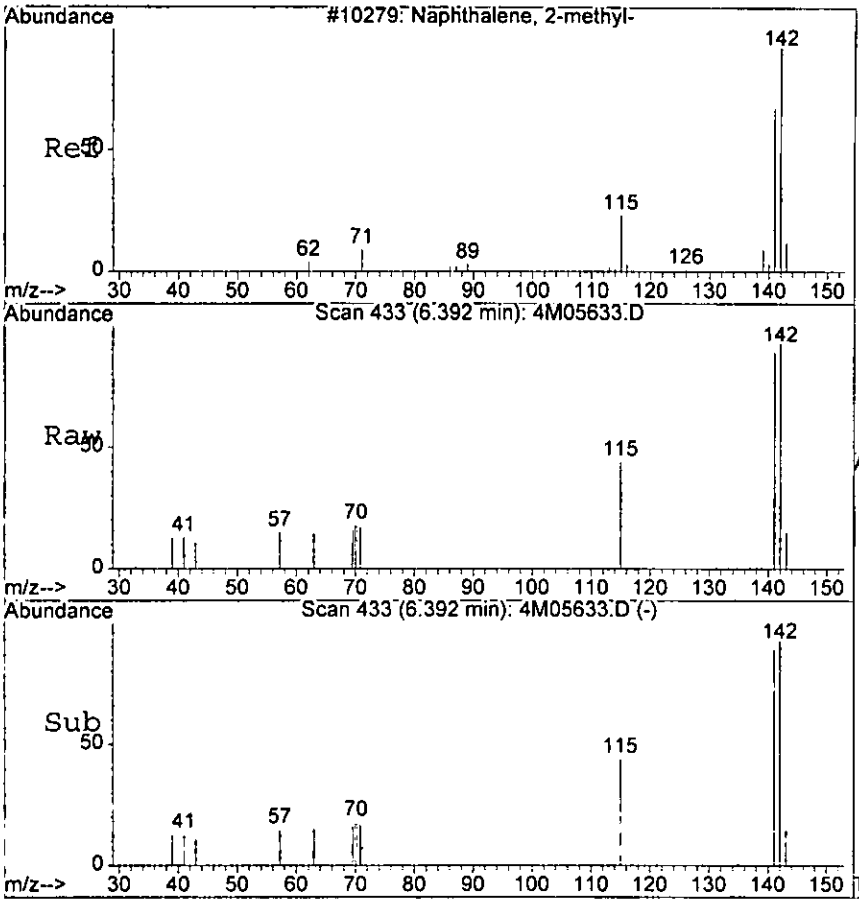


#29
Naphthalene
Concen: 3.40 ng
RT: 5.82 min Scan# 377
Delta R.T. -0.02 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:128 Resp: 9881

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	51.8
127	16.2	0.0	57.0

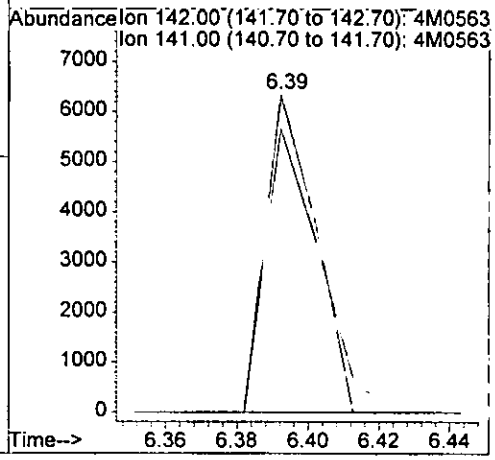


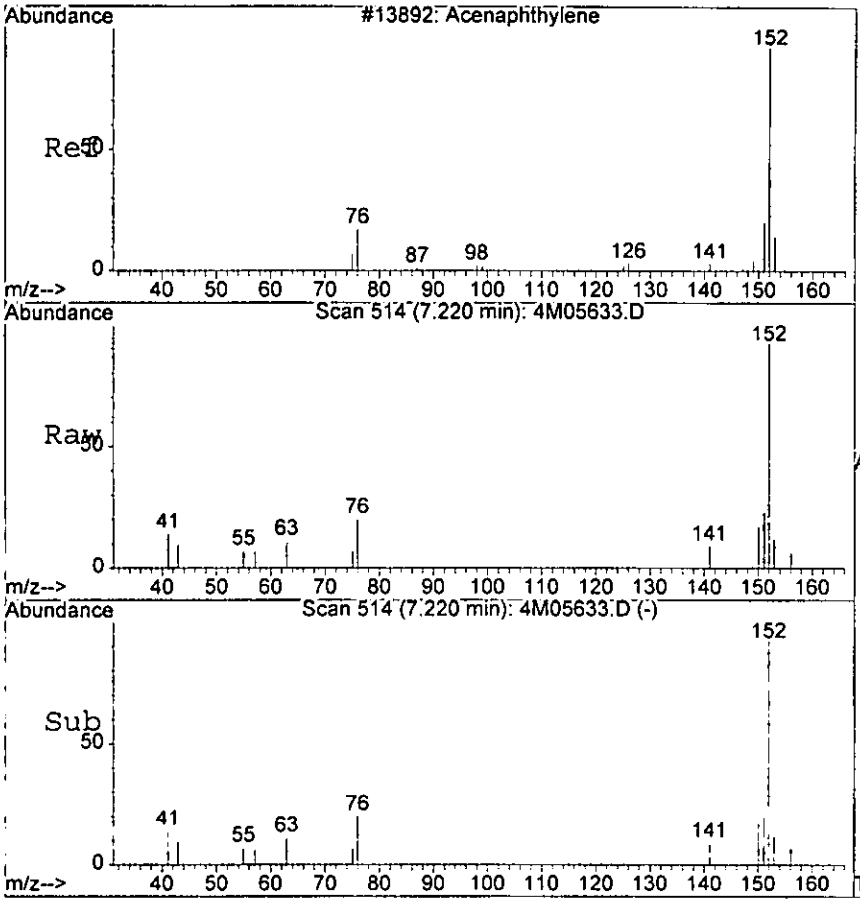


#33
2-Methylnaphthalene
Concen: 3.09 ng
RT: 6.39 min Scan# 433
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:142 Resp: 6141

Ion	Ratio	Lower	Upper
142	100		
141	89.2	55.7	135.7

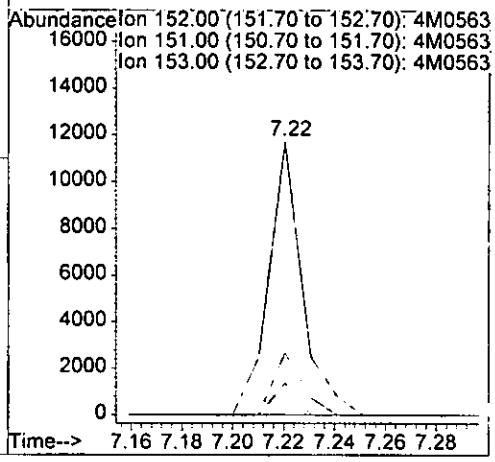


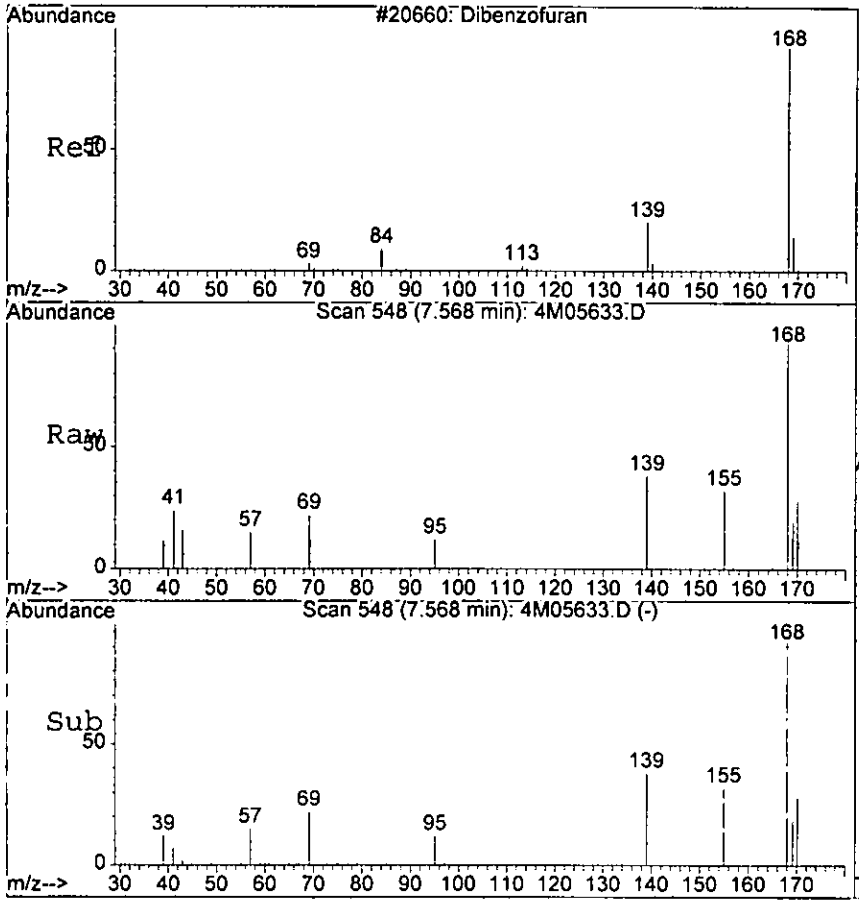


#46
Acenaphthylene
Concen: 3.83 ng
RT: 7.22 min Scan# 514
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:152 Resp: 10747

Ion	Ratio	Lower	Upper
152	100		
151	22.9	0.0	63.6
153	11.7	0.0	53.8

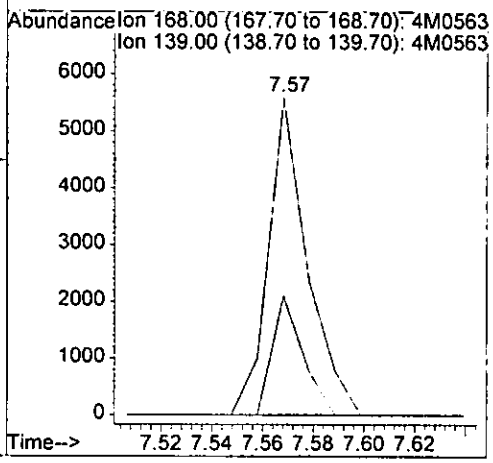




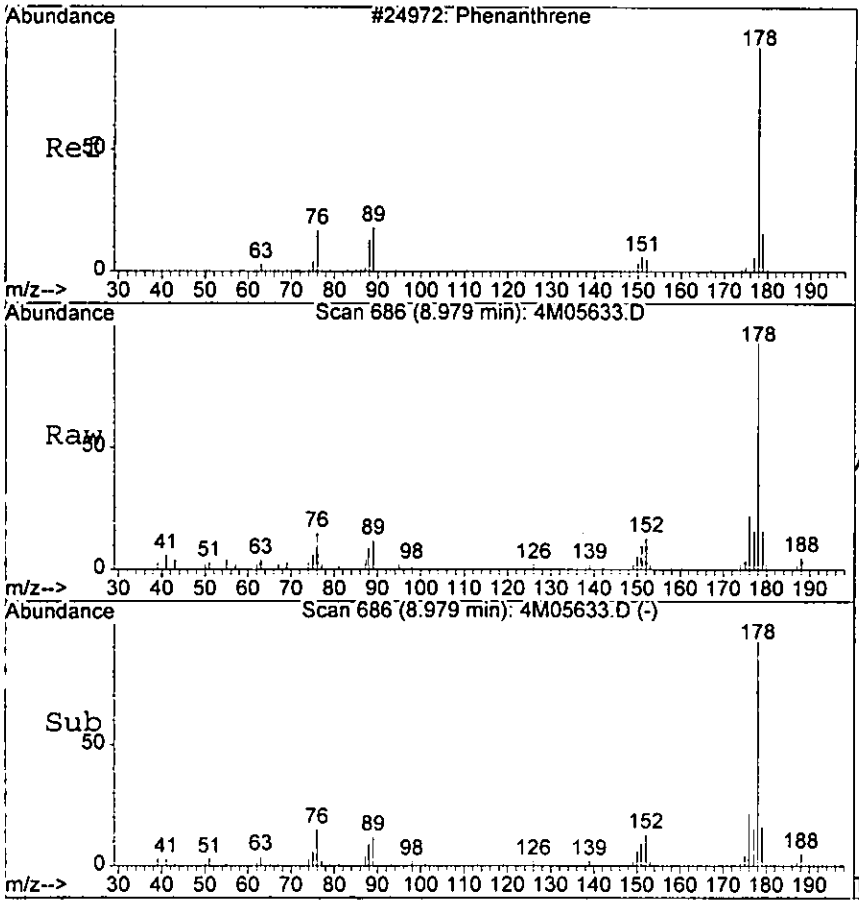
#52
Dibenzofuran
Concen: 2.34 ng
RT: 7.57 min Scan# 548
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:168 Resp: 5969

Ion	Ratio	Lower	Upper
168	100		
139	37.7	6.0	66.0



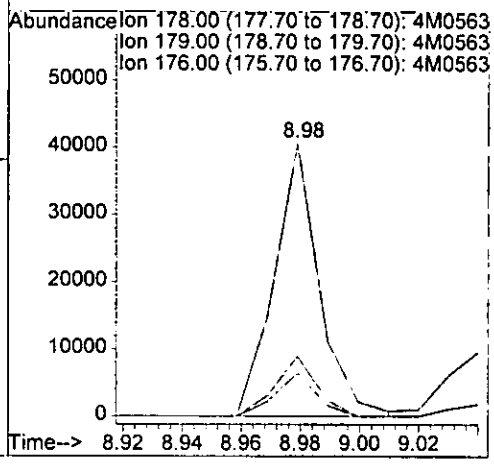
1875

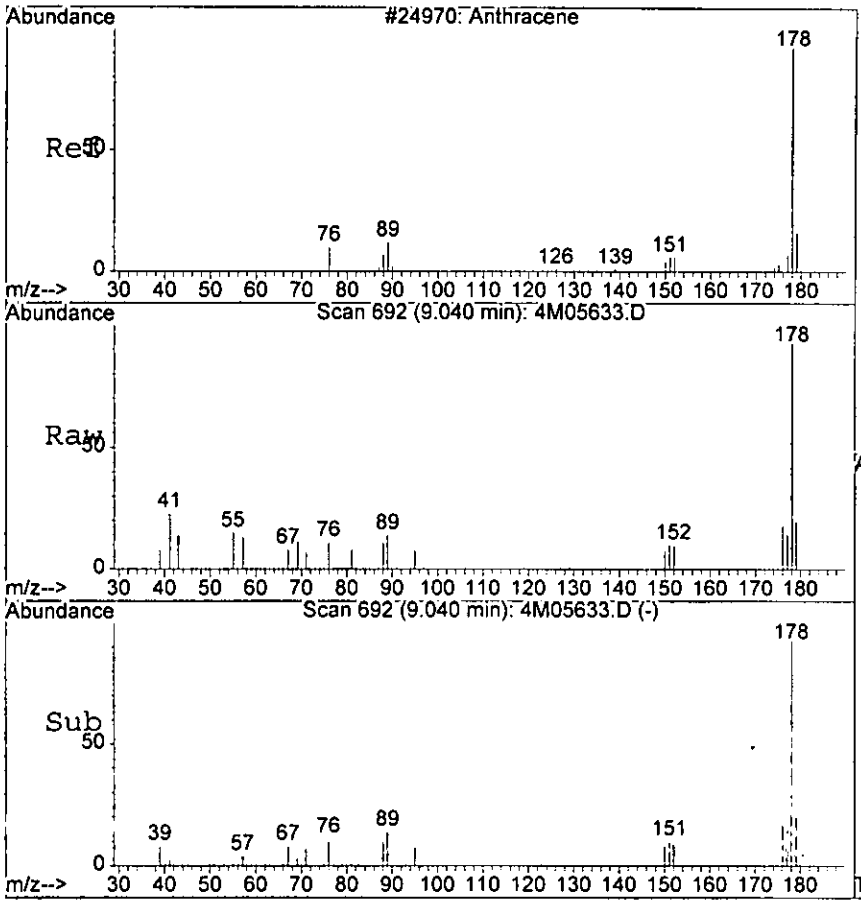


#67
Phenanthrene
Concen: 19.86 ng
RT: 8.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:178 Resp: 42638

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	56.6
176	21.9	0.0	60.5

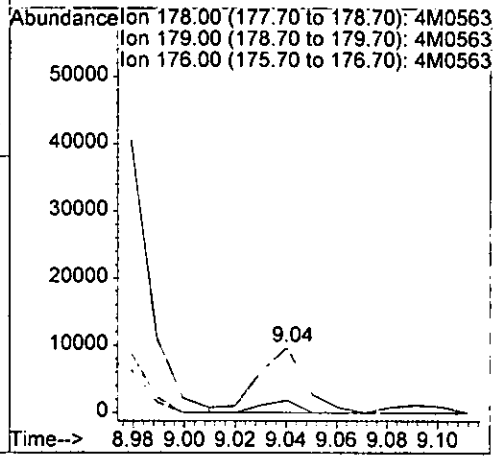




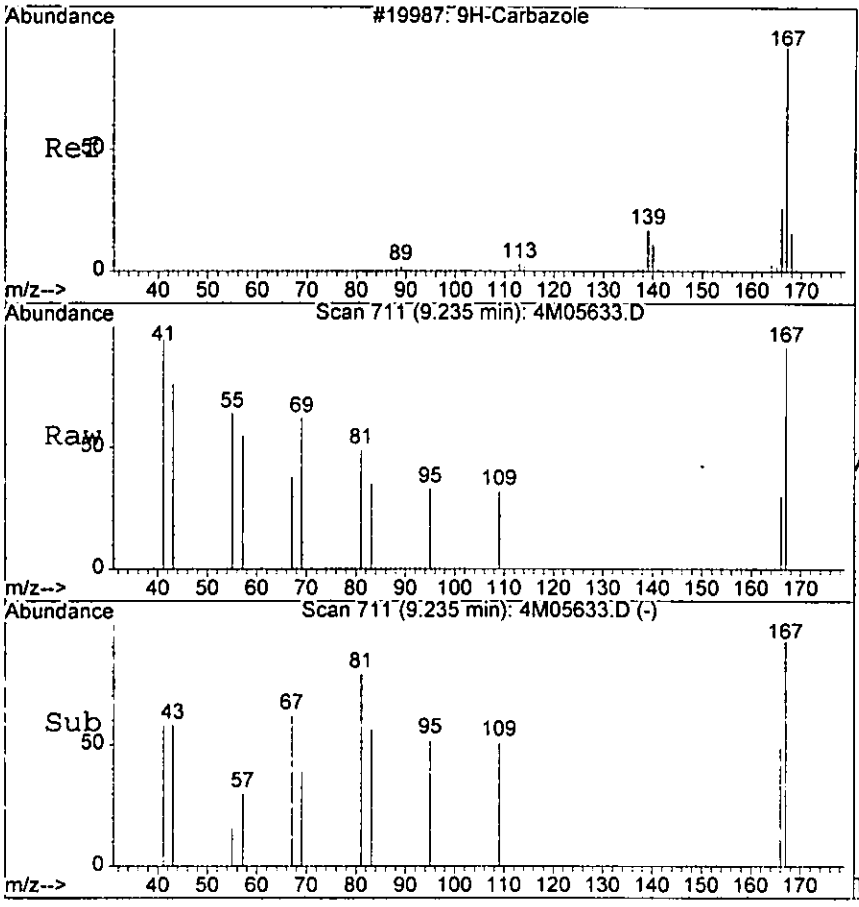
#68
Anthracene
Concen: 5.56 ng
RT: 9.04 min Scan# 692
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:178 Resp: 12392

Ion	Ratio	Lower	Upper
178	100		
179	19.9	0.0	56.6
176	18.4	0.0	60.2

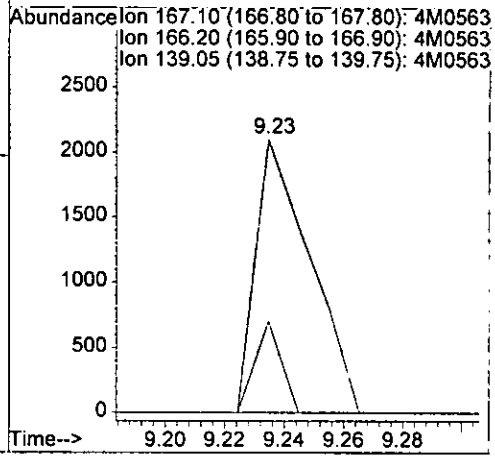


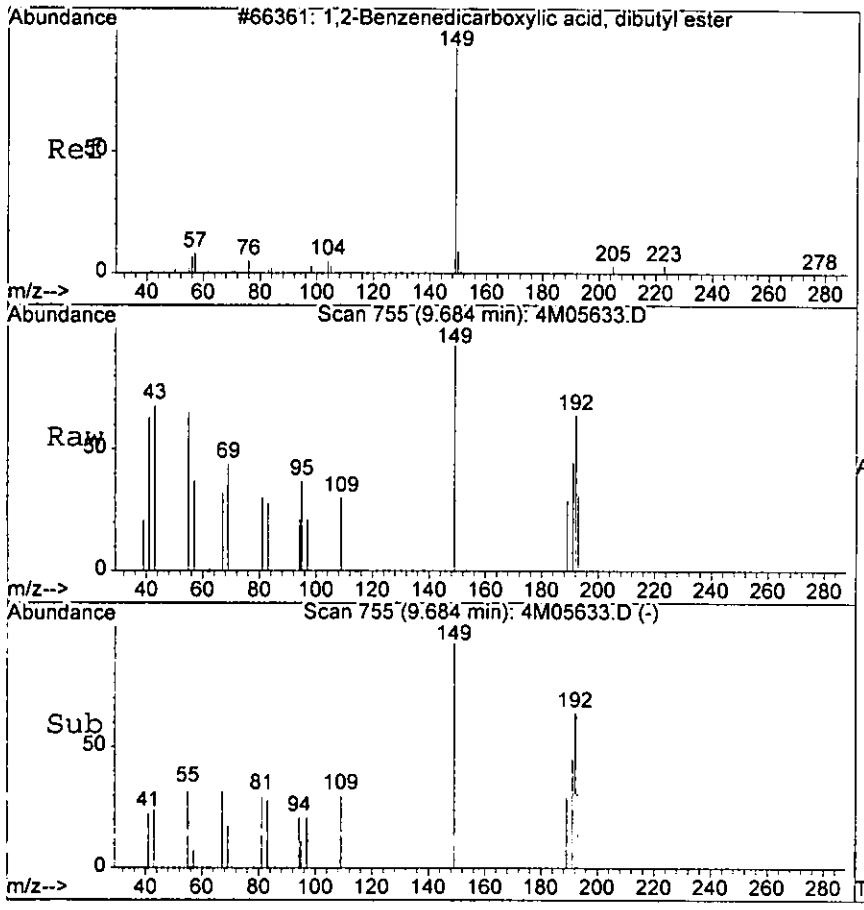
1875



#69
Carbazole
Concen: 1.28 ng
RT: 9.23 min Scan# 711
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:167	Resp:	2656	
Ion	Ratio	Lower	Upper
167	100		
166	33.4	4.9	44.9
139	0.0	0.0	33.9

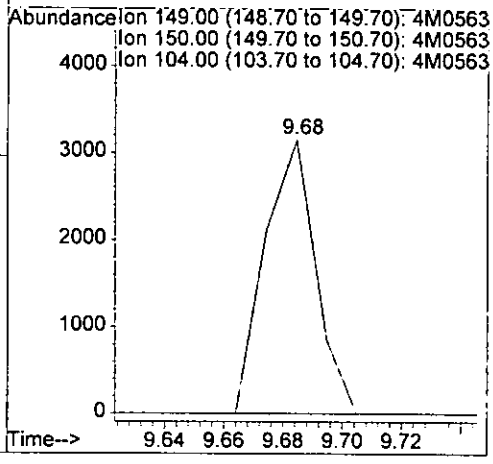


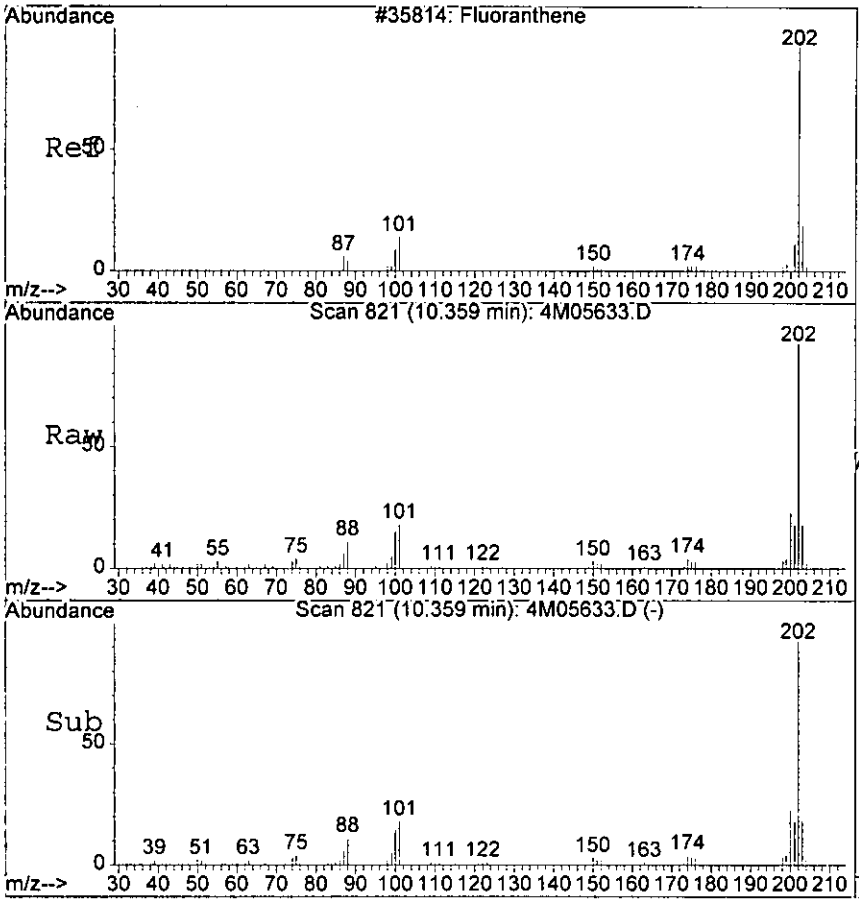


#70
Di-n-butylphthalate
Concen: 1.33 ng
RT: 9.68 min Scan# 755
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:149 Resp: 3752

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

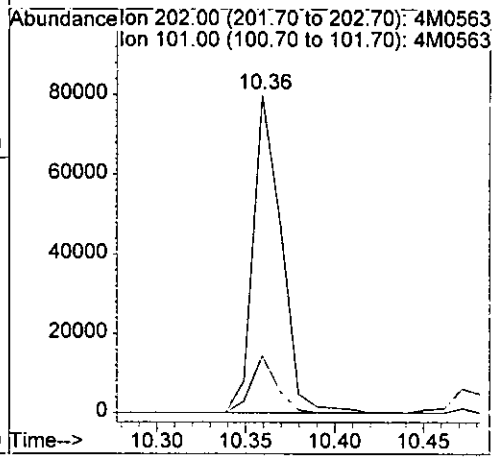


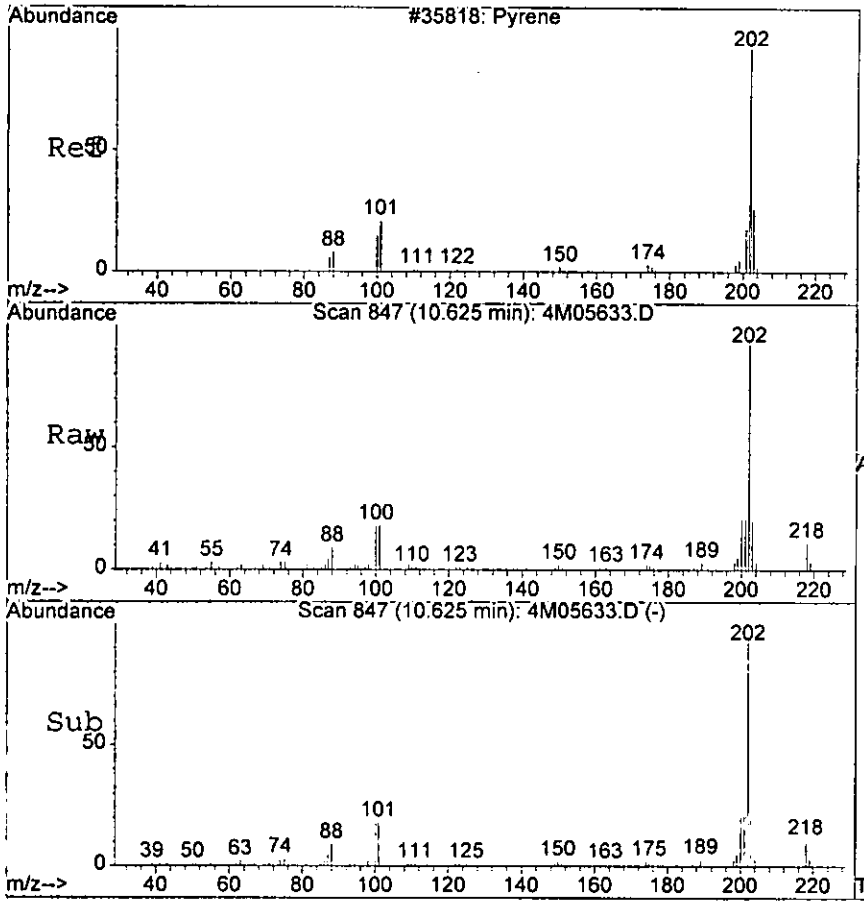


#71
Fluoranthene
Concen: 39.18 ng
RT: 10.36 min Scan# 821
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:202 Resp: 88318

Ion	Ratio	Lower	Upper
202	100		
101	18.1	0.0	58.3

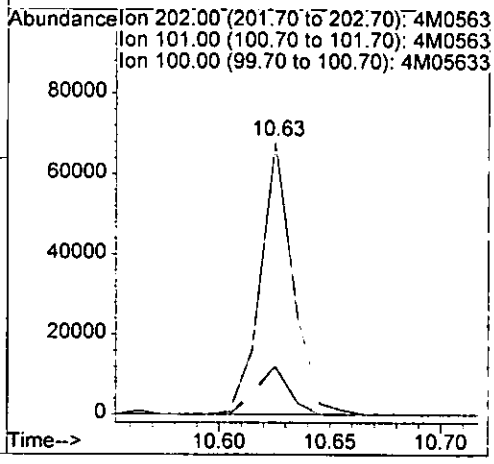


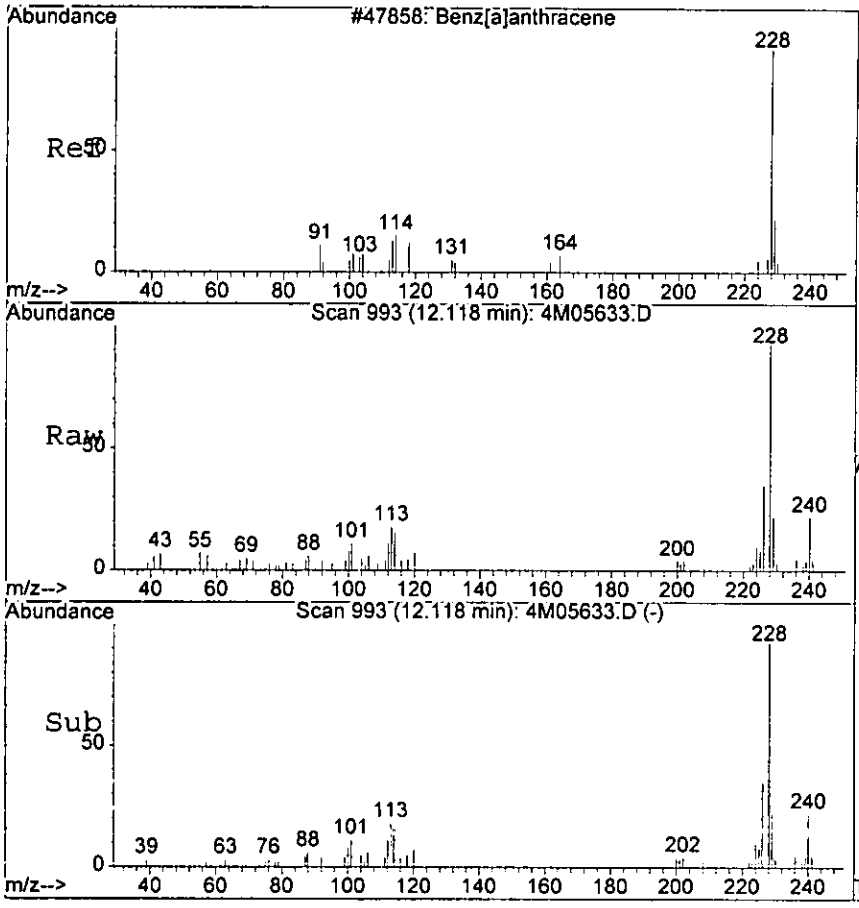


#73
Pyrene
Concen: 31.78 ng
RT: 10.63 min Scan# 847
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:202 Resp: 69445

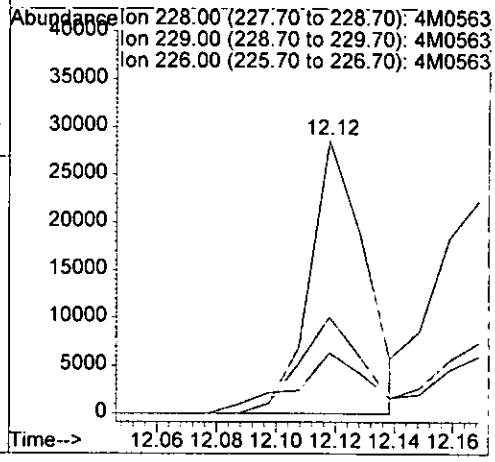
Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	62.7
100	17.9	0.0	60.5

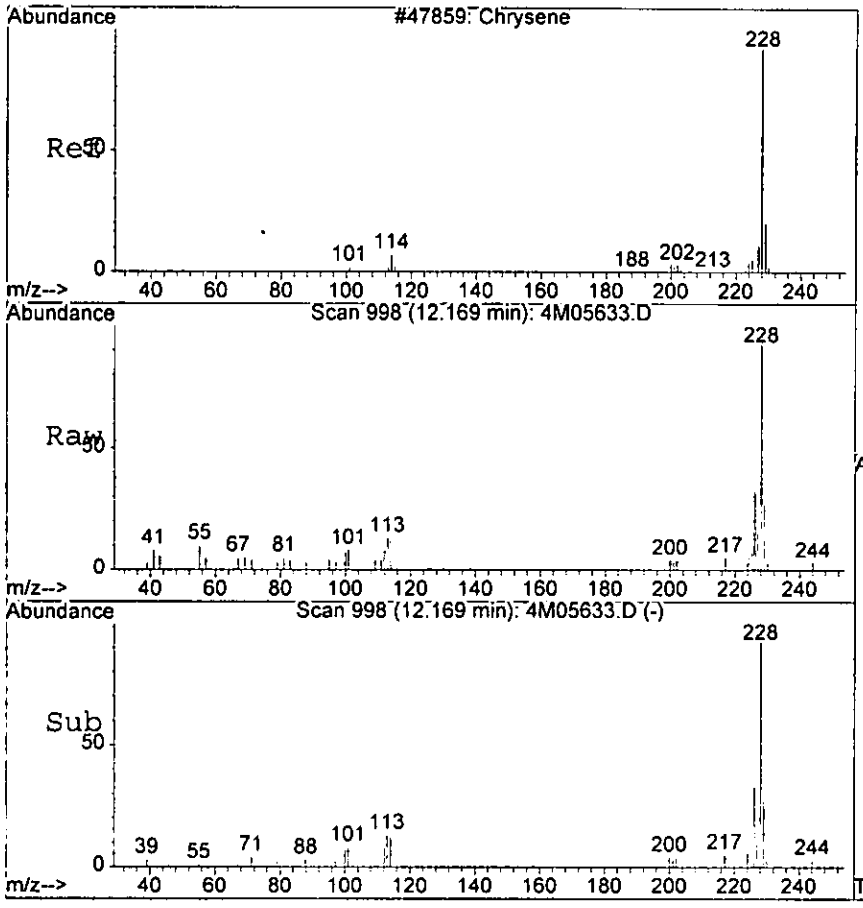




#78
Benzo[a]anthracene
Concen: 20.58 ng
RT: 12.12 min Scan# 993
Delta R.T. -0.04 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:228	Resp:	37637	
Ion	Ratio	Lower	Upper
228	100		
229	22.2	0.0	60.5
226	35.2	0.0	69.0

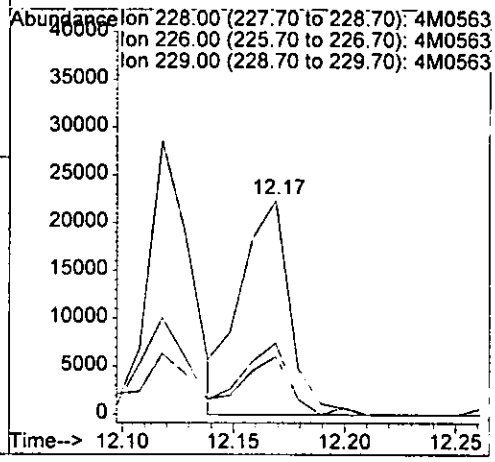


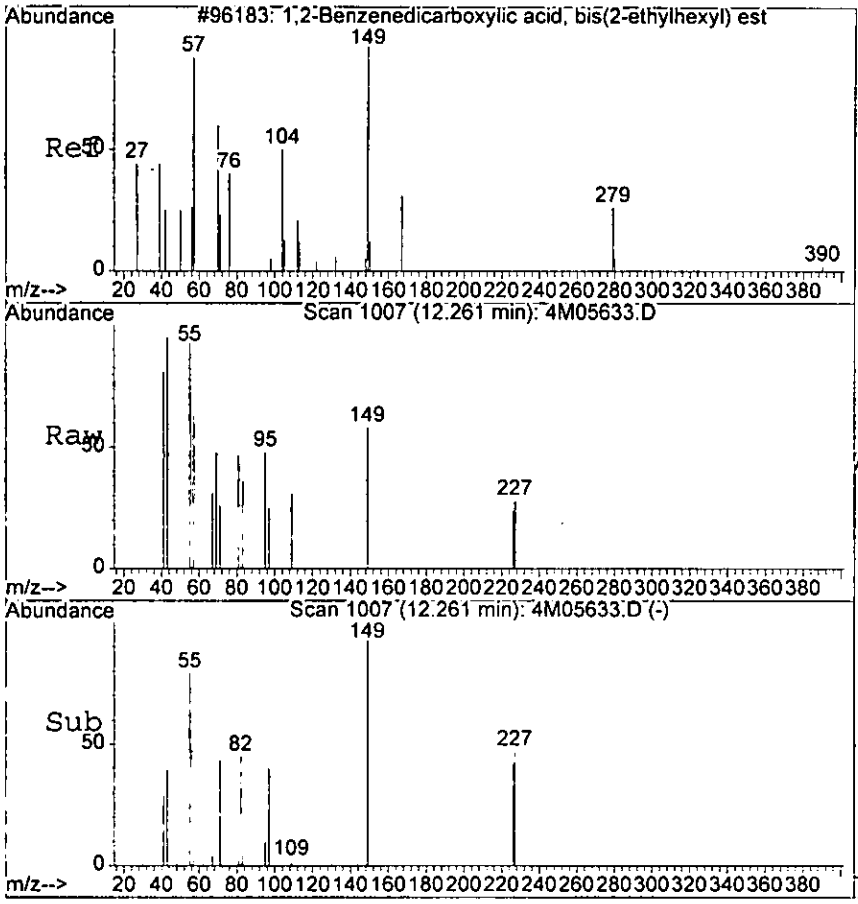


#79
Chrysene
Concen: 20.81 ng
RT: 12.17 min Scan# 998
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:228 Resp: 34264

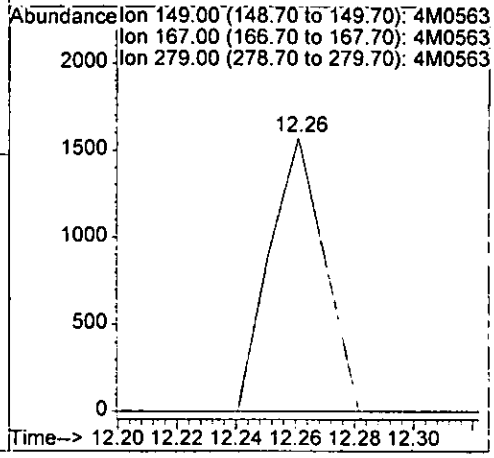
Ion	Ratio	Lower	Upper
228	100		
226	33.3	12.0	52.0
229	26.9	0.0	61.1



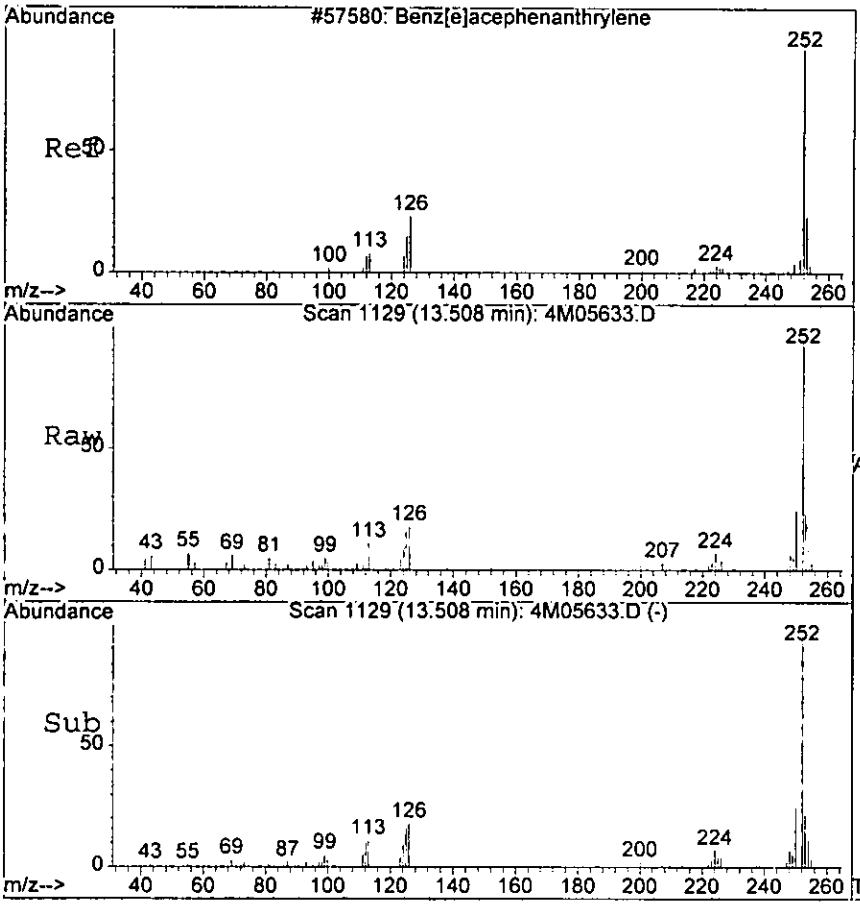


#80
bis(2-Ethylhexyl)phthalate
Concen: 1.43 ng
RT: 12.26 min Scan# 1007
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:149	Resp:	1993	
Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	53.9
279	0.0	0.0	43.5

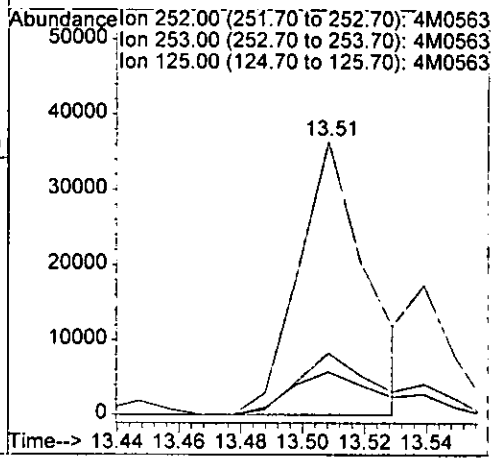


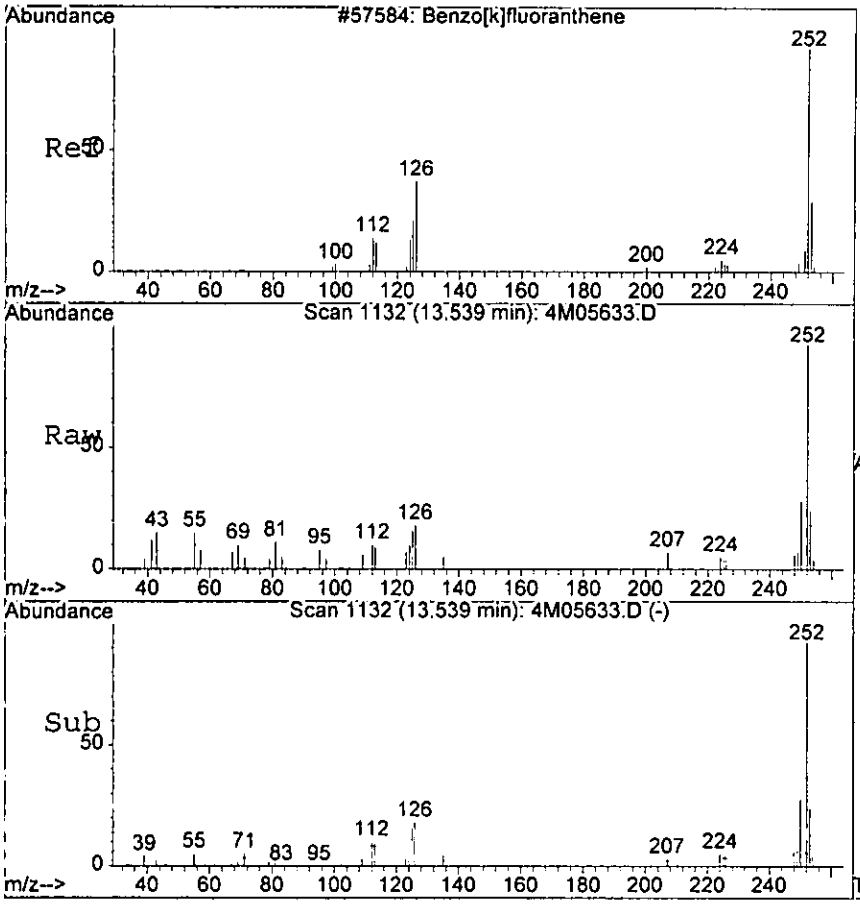
4E877



#83
Benzo[b]fluoranthene
Concen: 27.68 ng m
RT: 13.51 min Scan# 1129
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:252	Resp:	55418	
Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	63.3
125	15.9	0.0	57.6

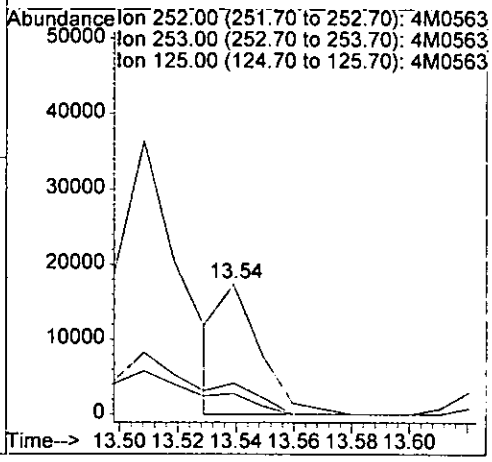


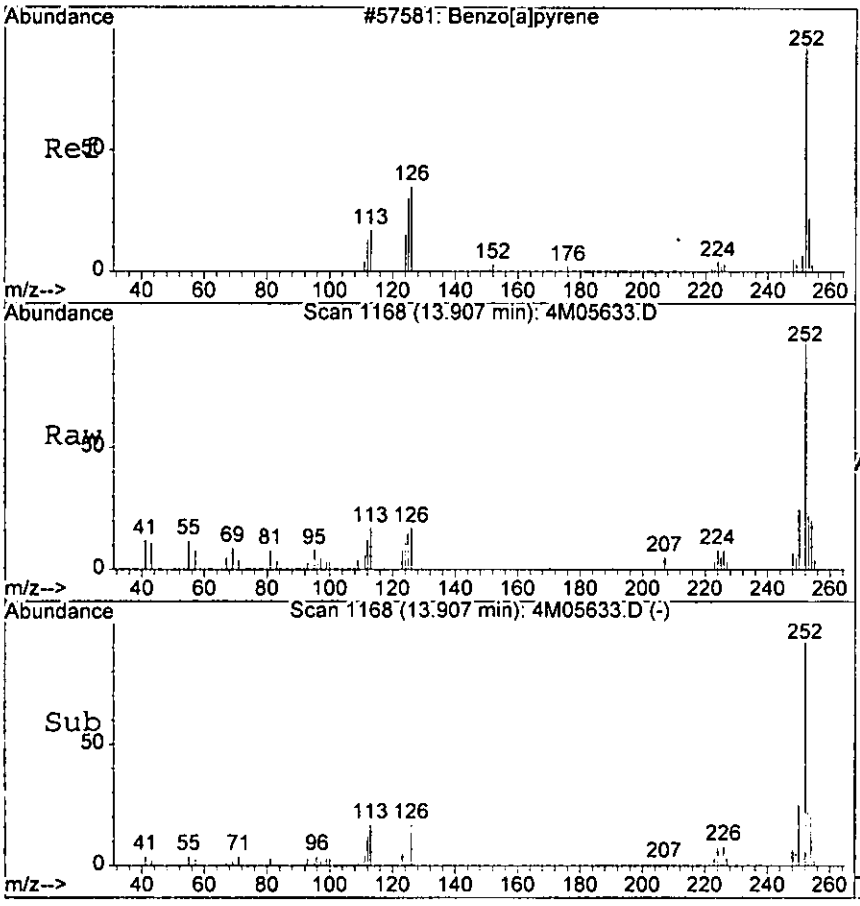


#84
Benzo[k]fluoranthene
Concen: 9.60 ng m
RT: 13.54 min Scan# 1132
Delta R.T. -0.04 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:252 Resp: 16774

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	63.5
125	16.0	0.0	53.8

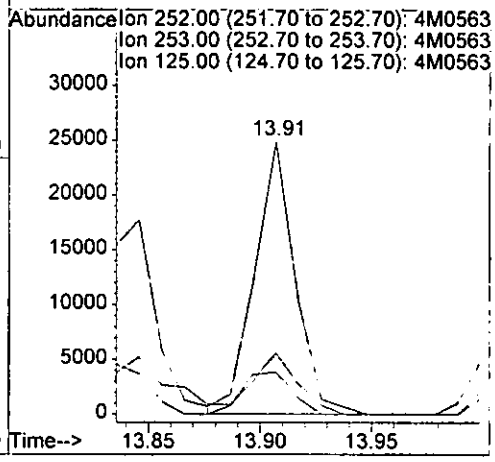


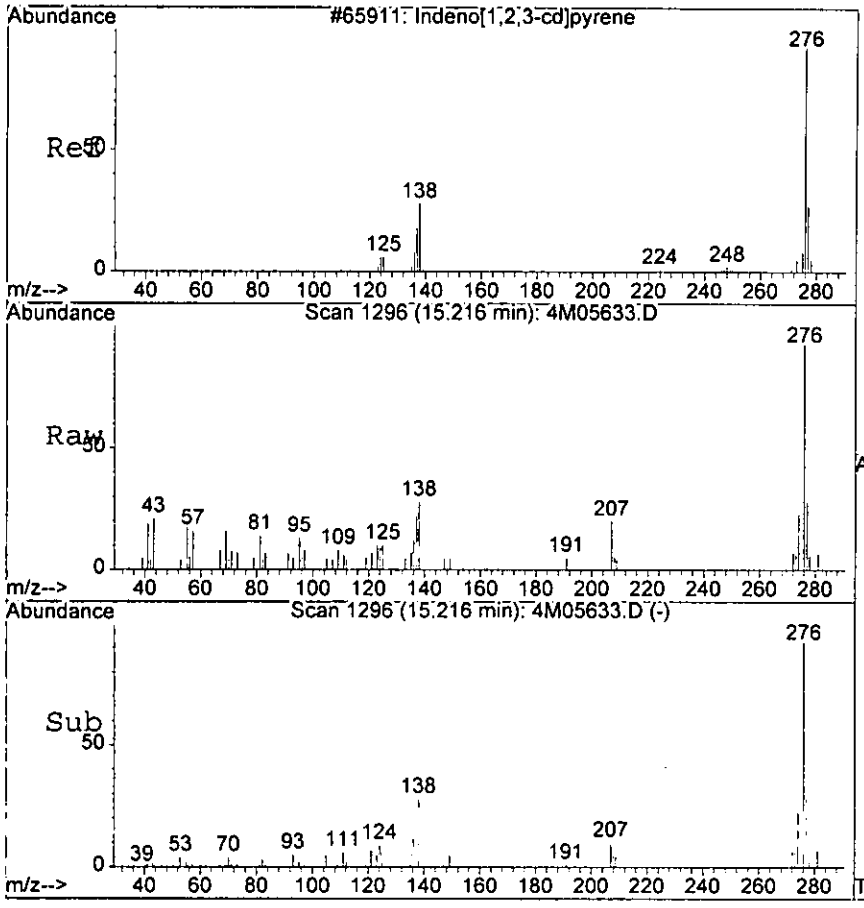


#85
Benzo[a]pyrene
Concen: 18.66 ng
RT: 13.91 min Scan# 1168
Delta R.T. -0.04 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:252 Resp: 31217

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	62.9
125	15.4	0.0	57.6

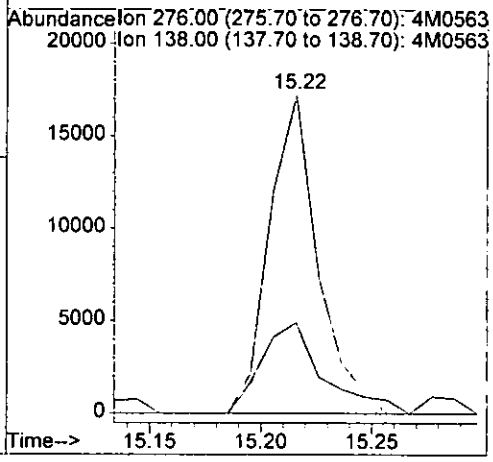


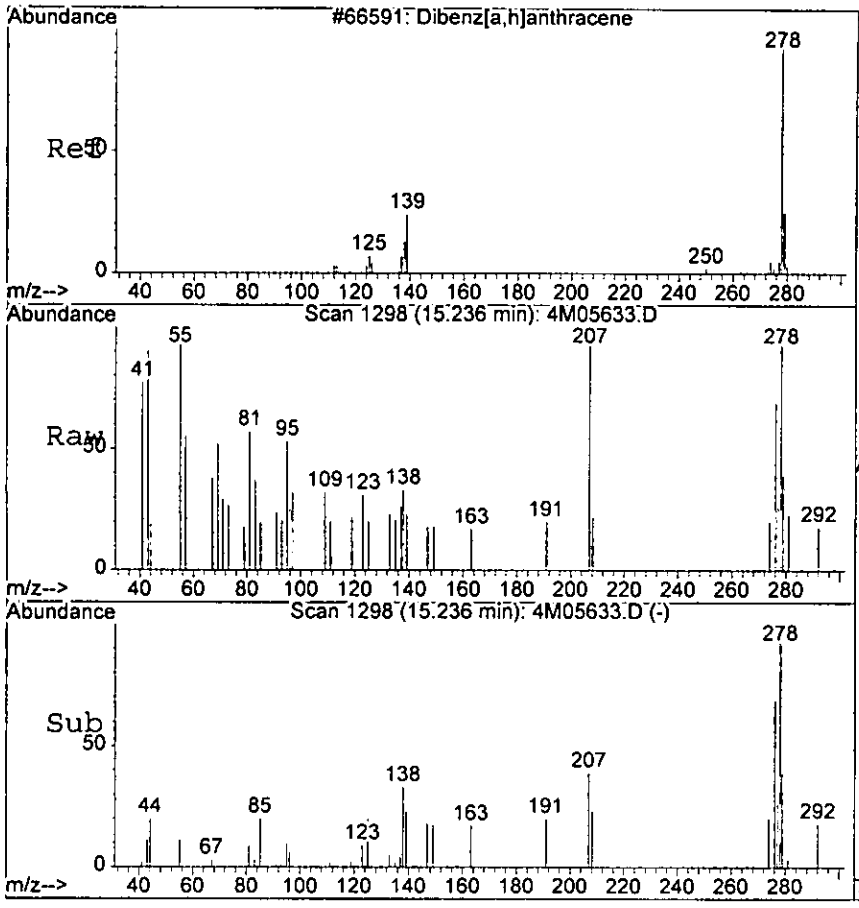


#86
Indeno[1,2,3-cd]pyrene
Concen: 14.92 ng
RT: 15.22 min Scan# 1296
Delta R.T. -0.03 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:276 Resp: 26163

Ion	Ratio	Lower	Upper
276	100		
138	28.4	0.0	73.4

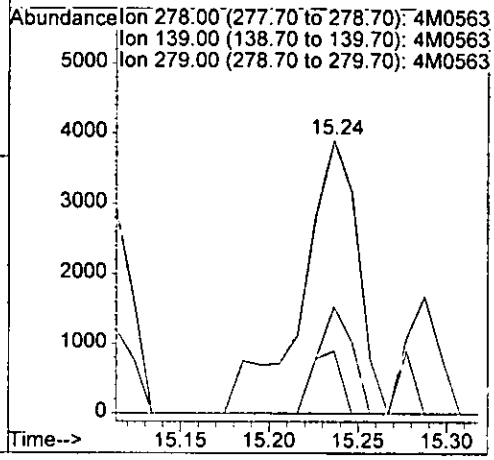


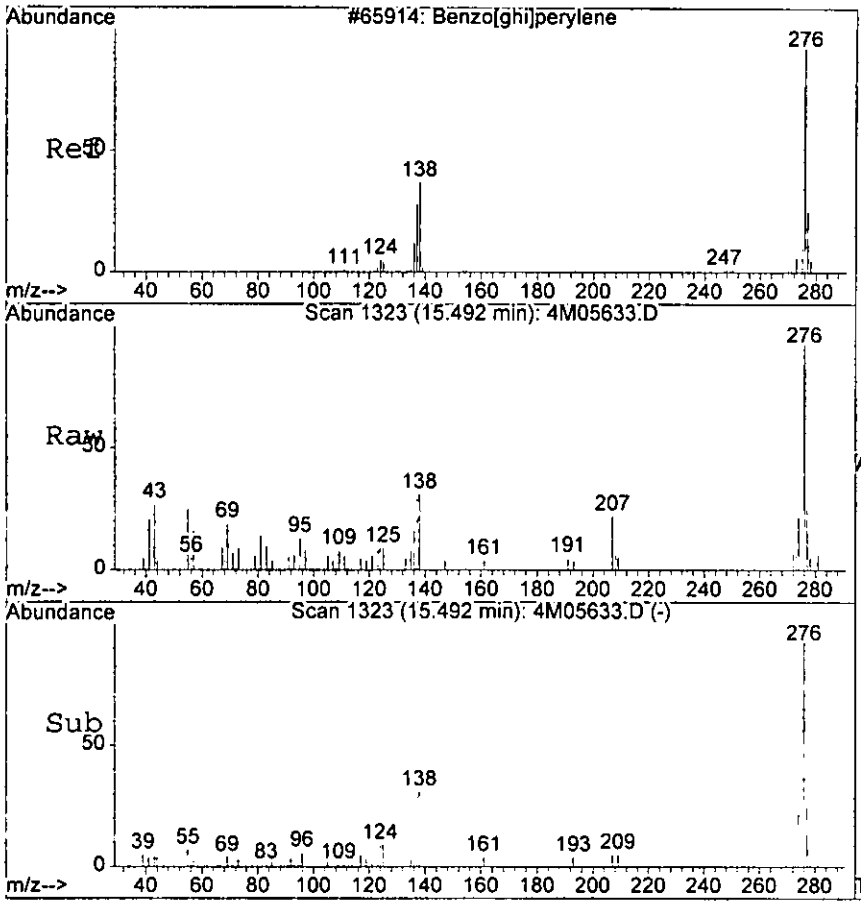


#87
Dibenzo[a,h]anthracene
Concen: 5.98 ng
RT: 15.24 min Scan# 1298
Delta R.T. -0.04 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:278 Resp: 8548

Ion	Ratio	Lower	Upper
278	100		
139	22.9	0.0	63.8
279	39.3	0.0	64.0

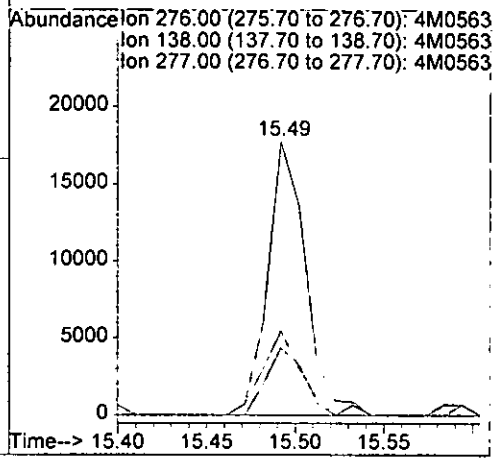




#88
Benzo[g,h,i]perylene
Concen: 18.85 ng
RT: 15.49 min Scan# 1323
Delta R.T. -0.04 min
Lab File: 4M05633.D
Acq: 16 Aug 2005 1:12

Tgt Ion:276 Resp: 26414

Ion	Ratio	Lower	Upper
276	100		
138	30.8	0.0	74.1
277	24.7	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-002
Client Id: PCSB-51 (3)
Data File: 4M05573.D
Analysis Date: 08/12/05 17:26
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 71

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**	**0.39**
95-50-1	1,2-Dichlorobenzene	0.021	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0089**	**0.21**
122-66-7	1,2-Diphenylhydrazine	0.014	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.015**	**0.17**
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	0.024	U	111-44-4	bis(2-Chloroethyl)ether	0.025	U
95-95-4	2,4,5-Trichlorophenol	0.63	U	108-60-1	bis(2-chloroisopropyl)ether	0.015	U
88-06-2	2,4,6-Trichlorophenol	1.1	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.042**	**0.053**
120-83-2	2,4-Dichlorophenol	0.076	U	85-68-7	Butylbenzylphthalate	0.019	U
105-67-9	2,4-Dimethylphenol	0.065	U	86-74-8	Carbazole	0.014	U
51-28-5	2,4-Dinitrophenol	0.32	U	**218-01-9**	**Chrysene**	**0.0097**	**0.45**
121-14-2	2,4-Dinitrotoluene	0.017	U	84-74-2	Di-n-butylphthalate	0.011	U
606-20-2	2,6-Dinitrotoluene	0.019	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**	**0.016**	**0.055**
95-57-8	2-Chlorophenol	0.096	U	132-64-9	Dibenzofuran	0.060	U
91-57-6	**2-Methylnaphthalene**	**0.060**	**0.24**	84-66-2	Diethylphthalate	0.013	U
95-48-7	2-Methylphenol	0.22	U	131-11-3	Dimethylphthalate	0.011	U
88-74-4	2-Nitroaniline	0.033	U	**206-44-0**	**Fluoranthene**	**0.013**	**0.50**
88-75-5	2-Nitrophenol	0.055	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.25	U	118-74-1	Hexachlorobenzene	0.022	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	87-68-3	Hexachlorobutadiene	0.020	U
99-09-2	3-Nitroaniline	0.19	U	77-47-4	Hexachlorocyclopentadiene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.089	U	67-72-1	Hexachloroethane	0.035	U
101-55-3	4-Bromophenyl-phenylether	0.018	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0065**	**0.18**
59-50-7	4-Chloro-3-methylphenol	0.12	U	78-59-1	Isophorone	0.014	U
106-47-8	4-Chloroaniline	0.36	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	0.55	U
100-01-6	4-Nitroaniline	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.022	U
100-02-7	4-Nitrophenol	0.083	U	**91-20-3**	**Naphthalene**	**0.011**	**0.18**
83-32-9	**Acenaphthene**	**0.020**	**0.44**	98-95-3	Nitrobenzene	0.019	U
208-96-8	Acenaphthylene	0.011	U	87-86-5	Pentachlorophenol	0.058	U
120-12-7	**Anthracene**	**0.012**	**0.32**	**85-01-8**	**Phenanthrene**	**0.011**	**0.53**
92-87-5	Benzidine	0.11	U	108-95-2	Phenol	0.072	U
56-55-3	**Benzo[a]anthracene**	**0.0082**	**0.34**	**129-00-0**	**Pyrene**	**0.011**	**0.70**
50-32-8	**Benzo[a]pyrene**	**0.011**	**0.31**				

Worksheet #: 18332

Total Target Concentration 5.068

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\08-12-05\4M05573.D Vial: 22
Acq On : 12 Aug 2005 17:26 Operator: AHD
Sample : AC18893-002 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:03 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.84	152	46169	40.00	ng	0.00
19) Naphthalene-d8	5.83	136	164902	40.00	ng	0.00
35) Acenaphthene-d10	7.39	164	78861	40.00	ng	0.01
59) Phenanthrene-d10	9.00	188	121884	40.00	ng	0.02
72) Chrysene-d12	12.17	240	62731	40.00	ng	0.00
81) Perylene-d12	14.01	264	37686	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.68	112	229084	168.98	ng	0.00
Spiked Amount 200.000			Recovery = 84.49%			
7) Phenol-d5	4.55	99	305453	167.87	ng	0.00
Spiked Amount 200.000			Recovery = 83.94%			
20) Nitrobenzene-d5	5.28	128	69457	90.58	ng	0.00
Spiked Amount 100.000			Recovery = 90.58%			
40) 2-Fluorobiphenyl	6.75	172	225159	89.80	ng	0.01
Spiked Amount 100.000			Recovery = 89.80%			
62) 2,4,6-Tribromophenol	8.22	332	116271	213.27	ng	0.01
Spiked Amount 200.000			Recovery = 106.64%			
75) Terphenyl-d14	10.88	244	172723	102.11	ng	0.00
Spiked Amount 100.000			Recovery = 102.11%			
Target Compounds						Qvalue
29) Naphthalene	5.85	128	14874	3.80	ng	53
33) 2-Methylnaphthalene	6.42	142	13687	5.11	ng	96
49) Acenaphthene	7.42	153	20143	9.27	ng	96
67) Phenanthrene	9.02	178	34360	11.38	ng	97
68) Anthracene	9.08	178	21289m	6.79	ng	
71) Fluoranthene	10.41	202	33787	10.66	ng	86
73) Pyrene	10.67	202	34555	14.87	ng	89
78) Benzo[a]anthracene	12.16	228	14086	7.24	ng	98
79) Chrysene	12.20	228	16928	9.67	ng	98
80) bis(2-Ethylhexyl)phthalate	12.29	149	1661	1.12	ng	54
83) Benzo[b]fluoranthene	13.54	252	12559m	8.34	ng	
84) Benzo[k]fluoranthene	13.57	252	4809m	3.66	ng	
85) Benzo[a]pyrene	13.94	252	8224	6.53	ng	92
86) Indeno[1,2,3-cd]pyrene	15.25	276	5169	3.92	ng	91
87) Dibenzo[a,h]anthracene	15.27	278	1267	1.18	ng	51
88) Benzo[g,h,i]perylene	15.53	276	4697	4.45	ng	84

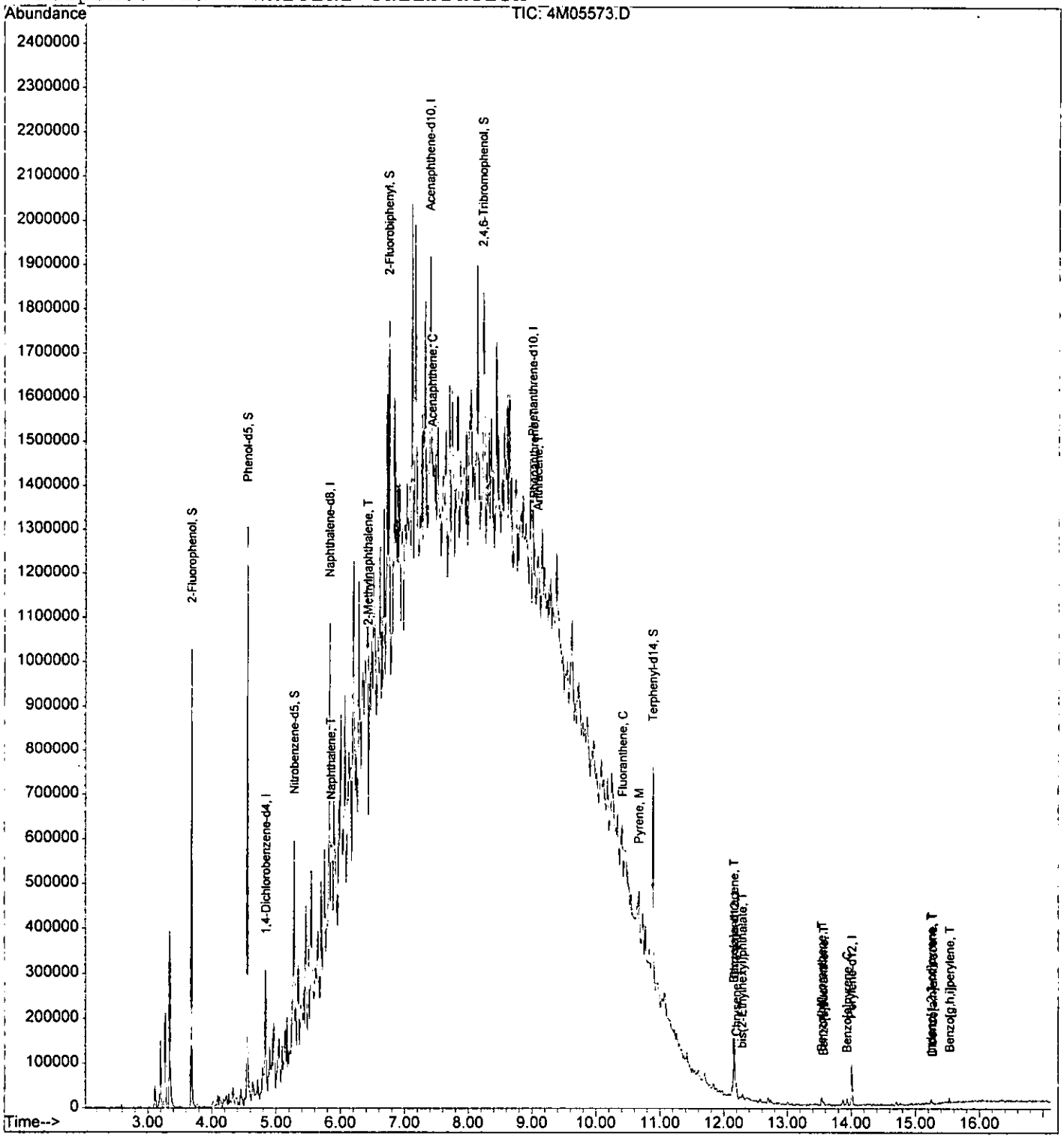
NBTC

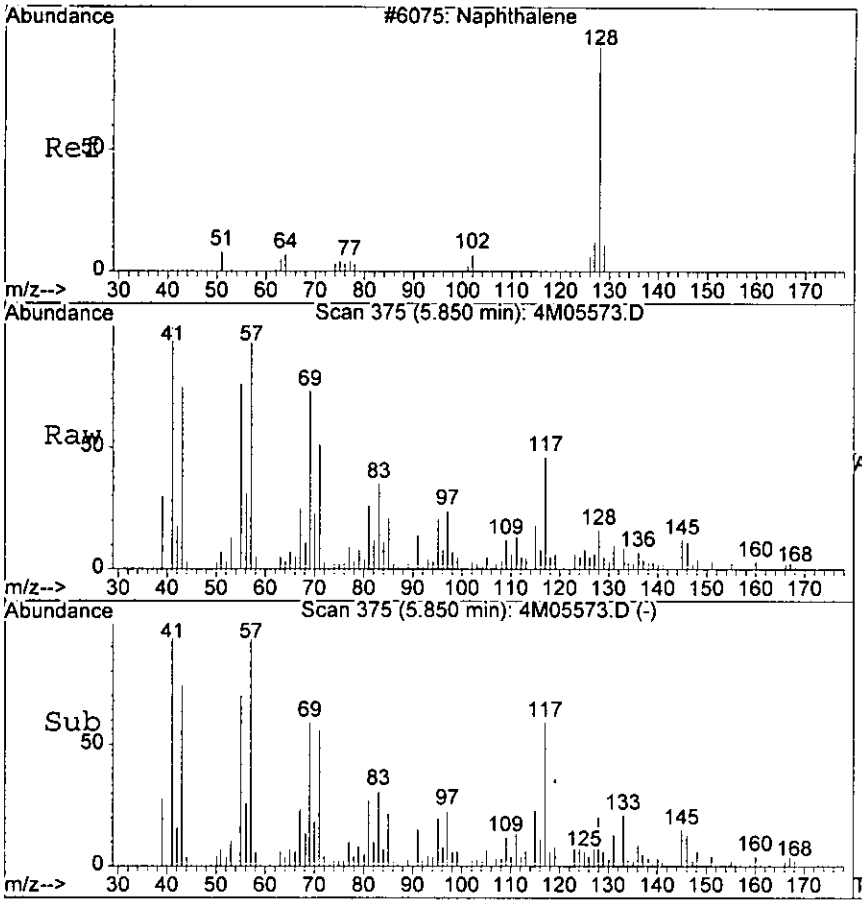
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-12-05\4M05573.D Vial: 22
Acq On : 12 Aug 2005 17:26 Operator: AHD
Sample : AC18893-002 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:03 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

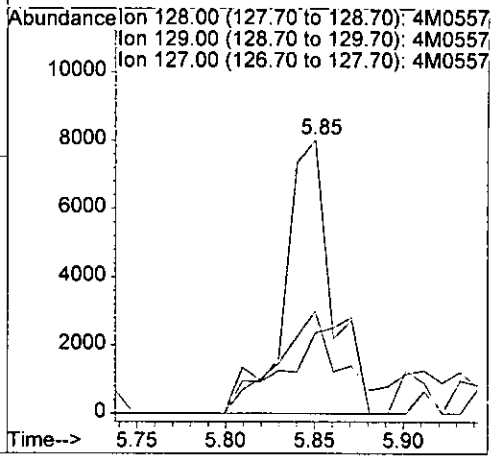


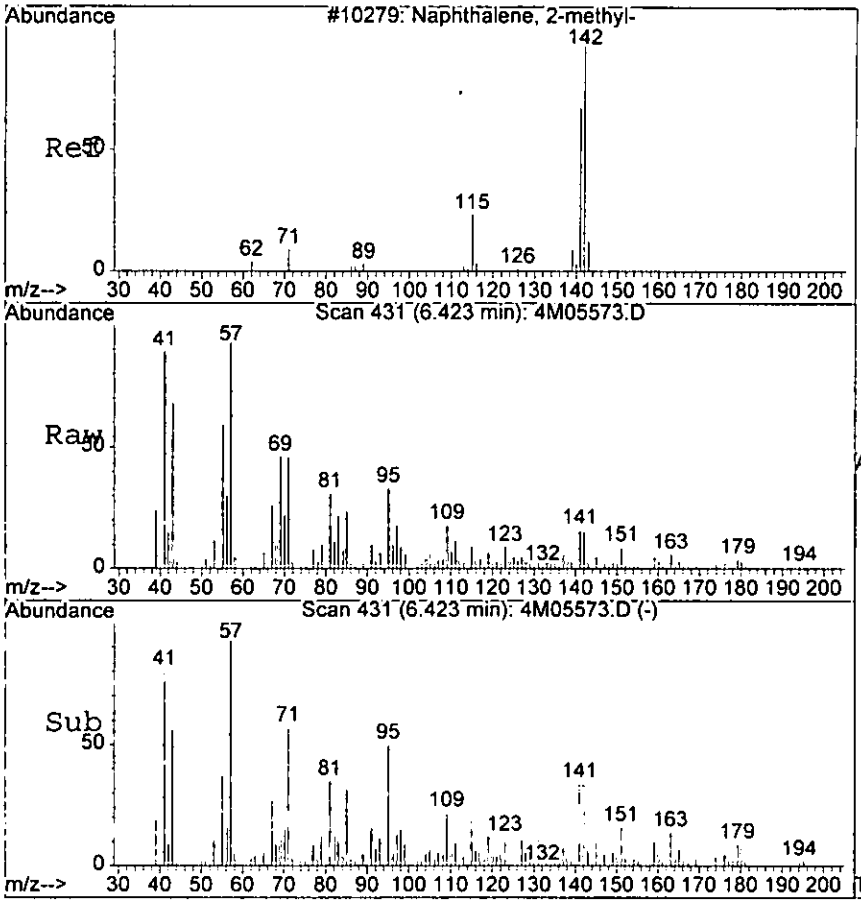


#29
Naphthalene
Concen: 3.80 ng
RT: 5.85 min Scan# 375
Delta R.T. 0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:128 Resp: 14874

Ion	Ratio	Lower	Upper
128	100		
129	29.5	0.0	51.8
127	37.4	0.0	57.0

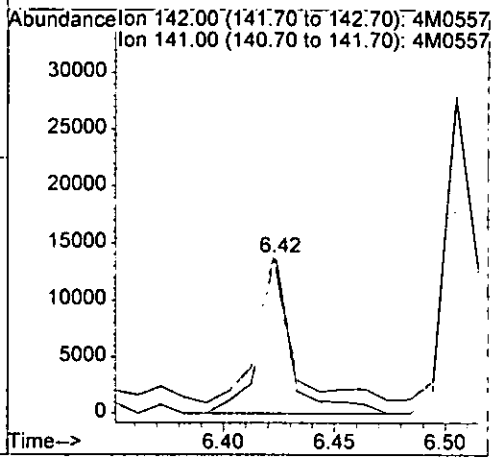


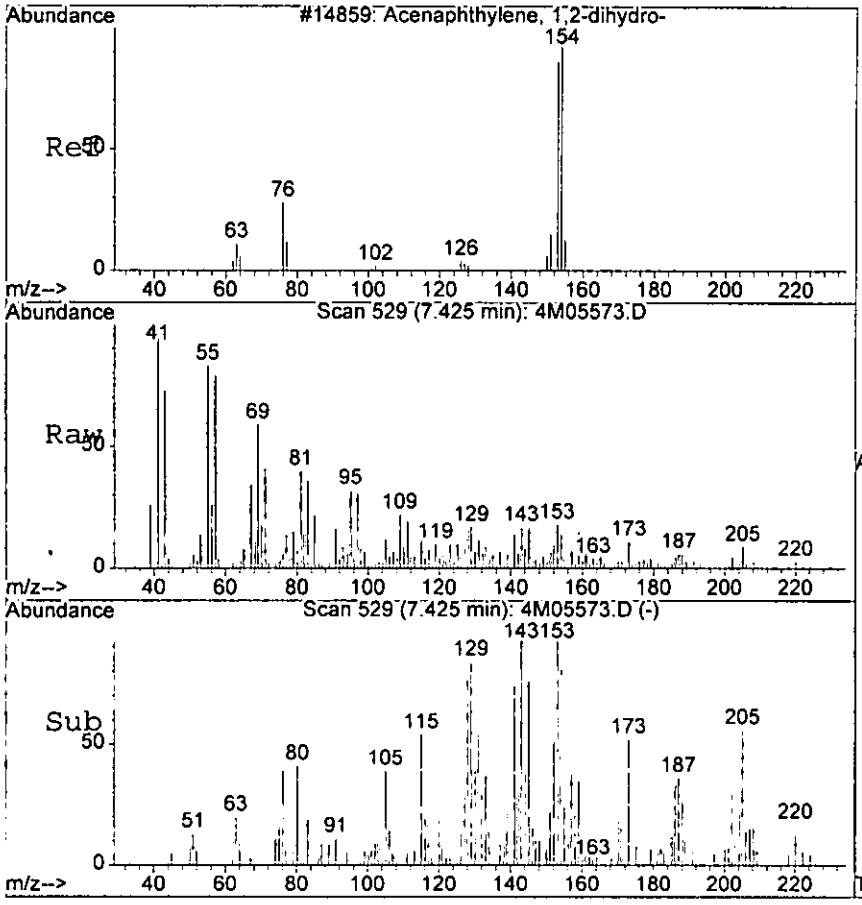


#33
2-Methylnaphthalene
Concen: 5.11 ng
RT: 6.42 min Scan# 431
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:142 Resp: 13687

Ion	Ratio	Lower	Upper
142	100		
141	99.2	55.7	135.7

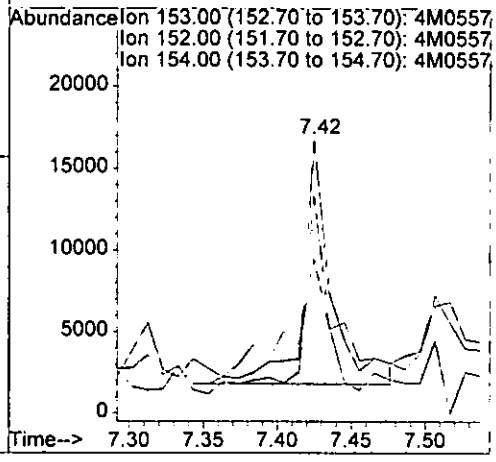


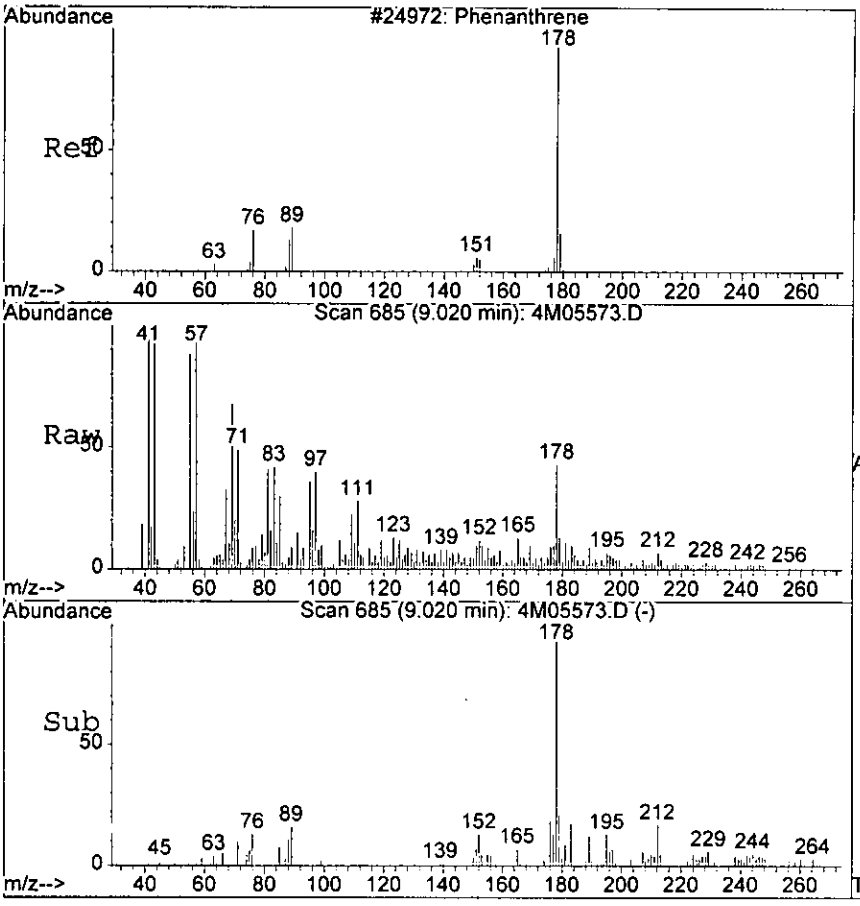


#49
Acenaphthene
Concen: 9.27 ng
RT: 7.42 min Scan# 529
Delta R.T. 0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:153 Resp: 20143

Ion	Ratio	Lower	Upper
153	100		
152	45.1	8.3	88.3
154	81.5	45.1	125.1

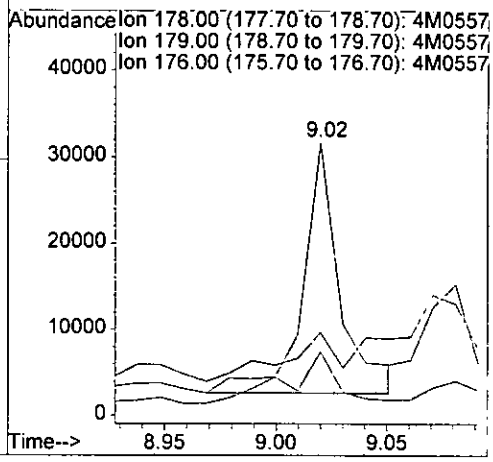




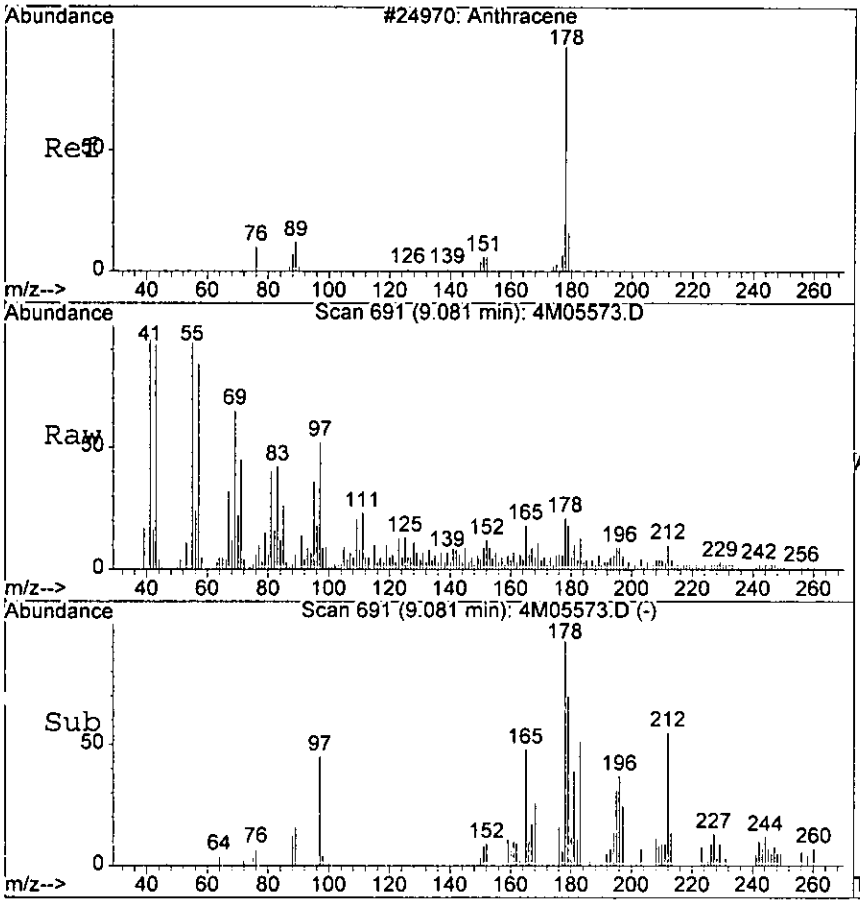
#67
Phenanthrene
Concen: 11.38 ng
RT: 9.02 min Scan# 685
Delta R.T. 0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:178 Resp: 34360

Ion	Ratio	Lower	Upper
178	100		
179	19.5	0.0	56.6
176	20.7	0.0	60.5



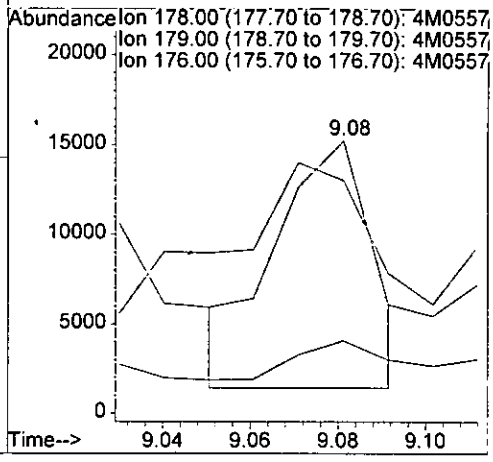
5723



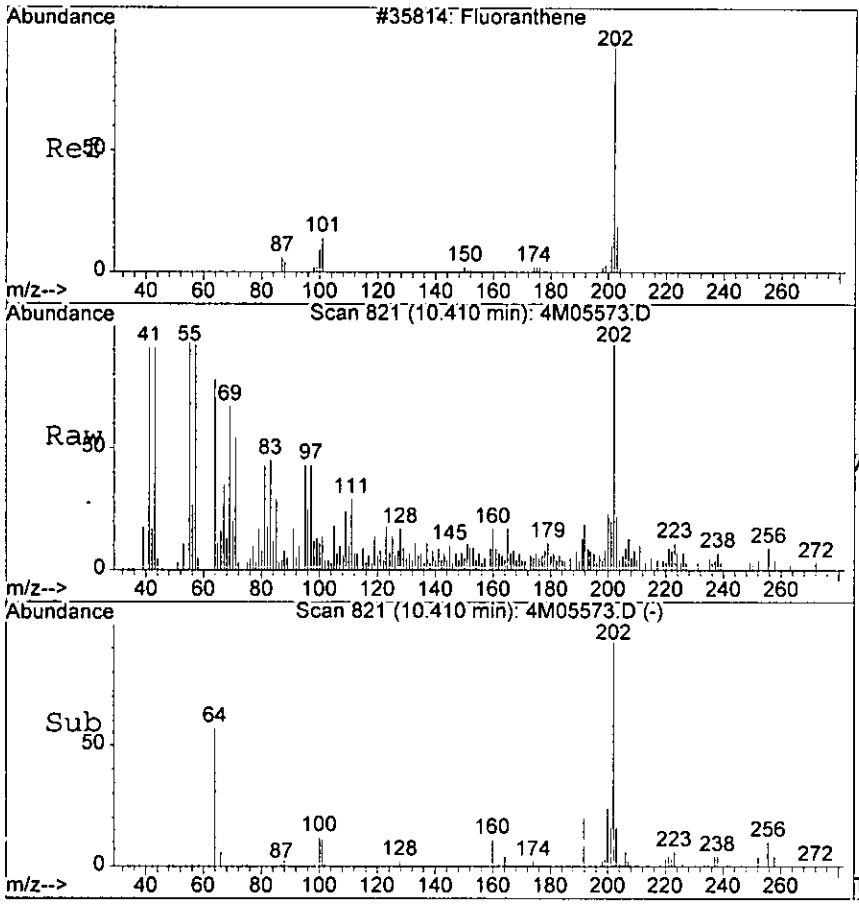
#68
Anthracene
Concen: 6.79 ng m
RT: 9.08 min Scan# 691
Delta R.T. 0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:178 Resp: 21289

Ion	Ratio	Lower	Upper
178	100		
179	85.5	0.0	56.6#
176	26.7	0.0	60.2



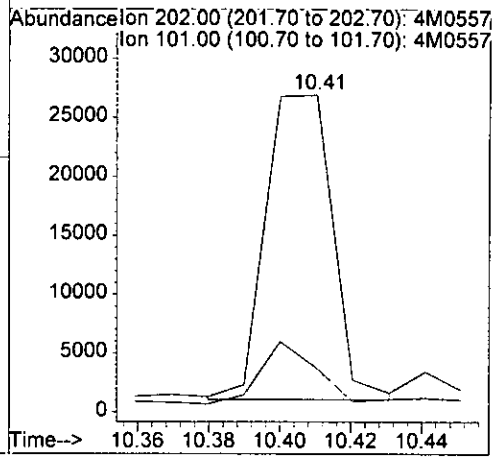
1817

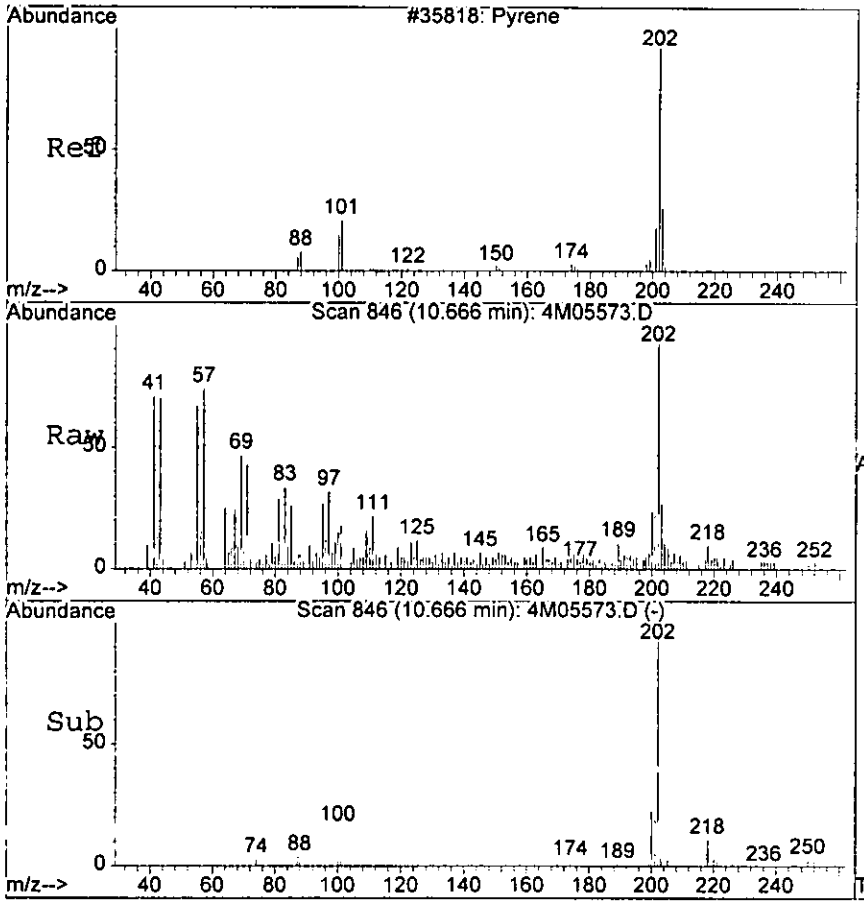


#71
Fluoranthene
Concen: 10.66 ng
RT: 10.41 min Scan# 821
Delta R.T. 0.02 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:202 Resp: 33787

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	58.3

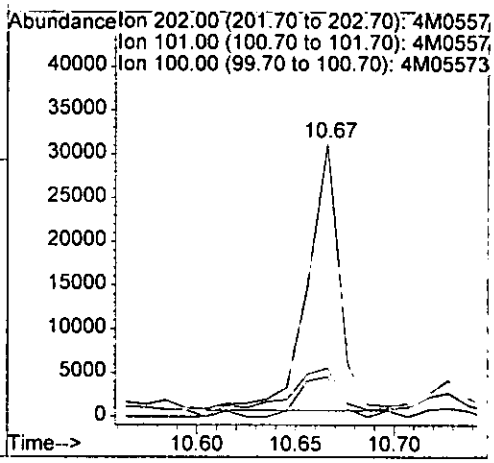


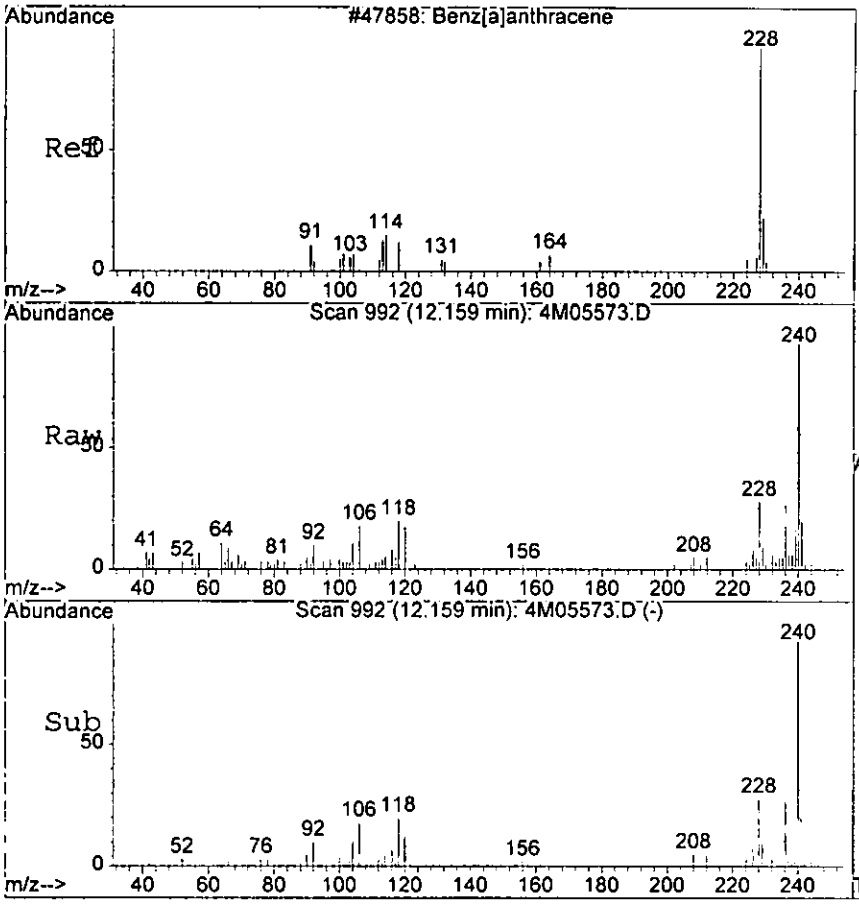


#73
Pyrene
Concen: 14.87 ng
RT: 10.67 min Scan# 846
Delta R.T. 0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:202 Resp: 34555

Ion	Ratio	Lower	Upper
202	100		
101	18.2	0.0	62.7
100	15.0	0.0	60.5

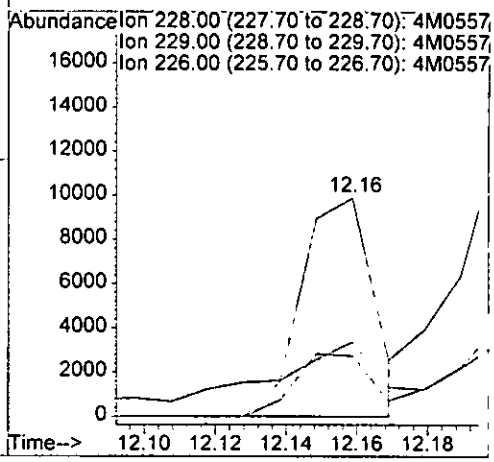


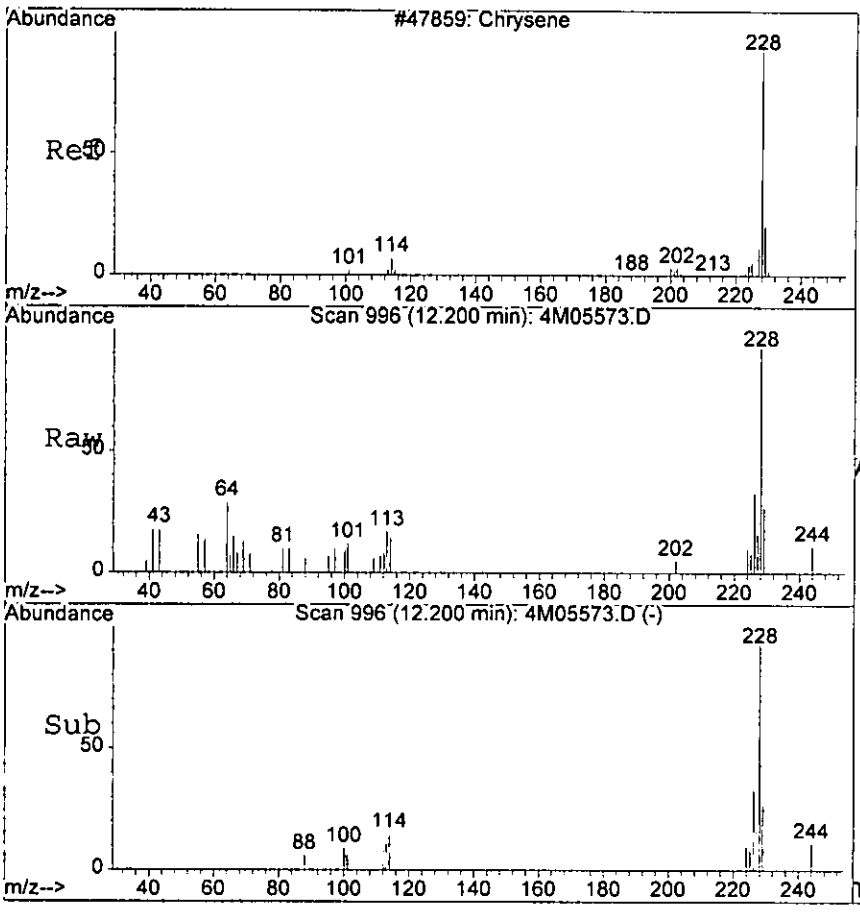


#78
Benzo[a]anthracene
Concen: 7.24 ng
RT: 12.16 min Scan# 992
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:228 Resp: 14086

Ion	Ratio	Lower	Upper
228	100		
229	21.7	0.0	60.5
226	27.8	0.0	69.0

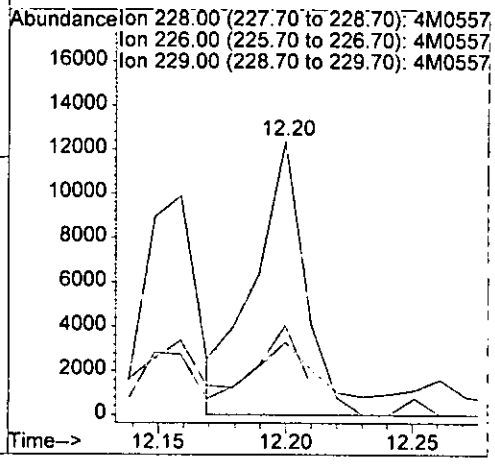


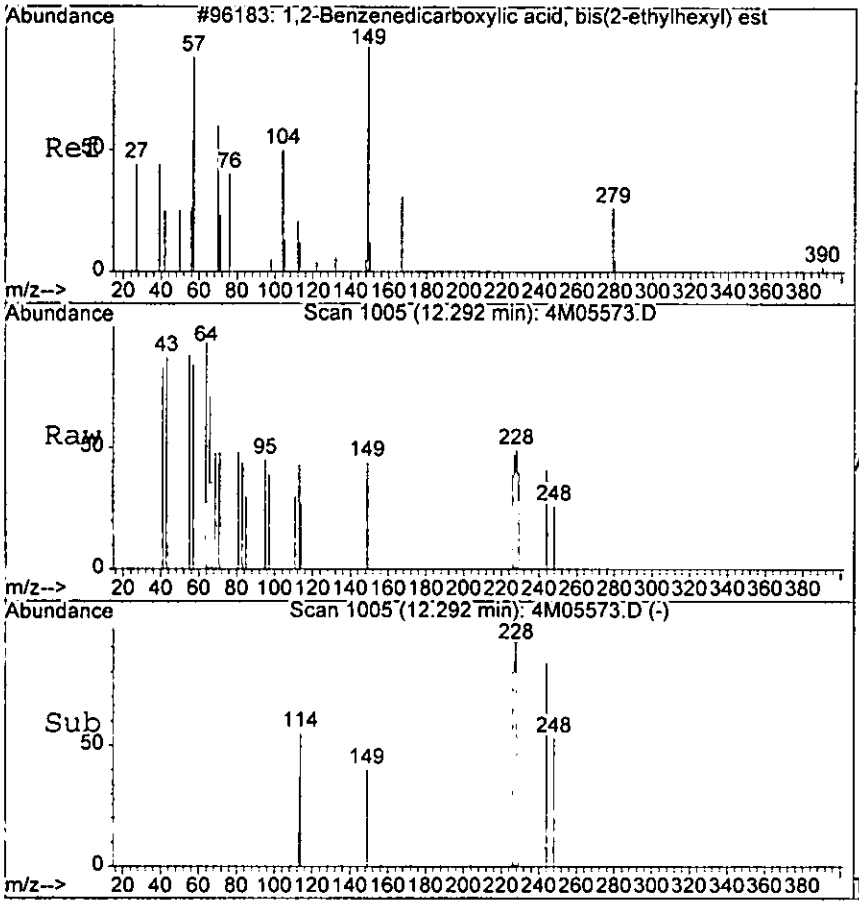


#79
Chrysene
Concen: 9.67 ng
RT: 12.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:228 Resp: 16928

Ion	Ratio	Lower	Upper
228	100		
226	32.8	12.0	52.0
229	19.2	0.0	61.1

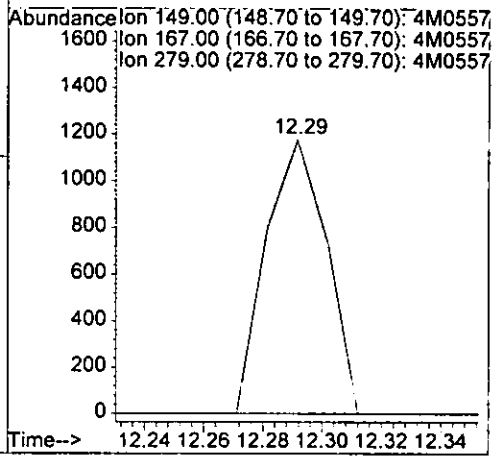


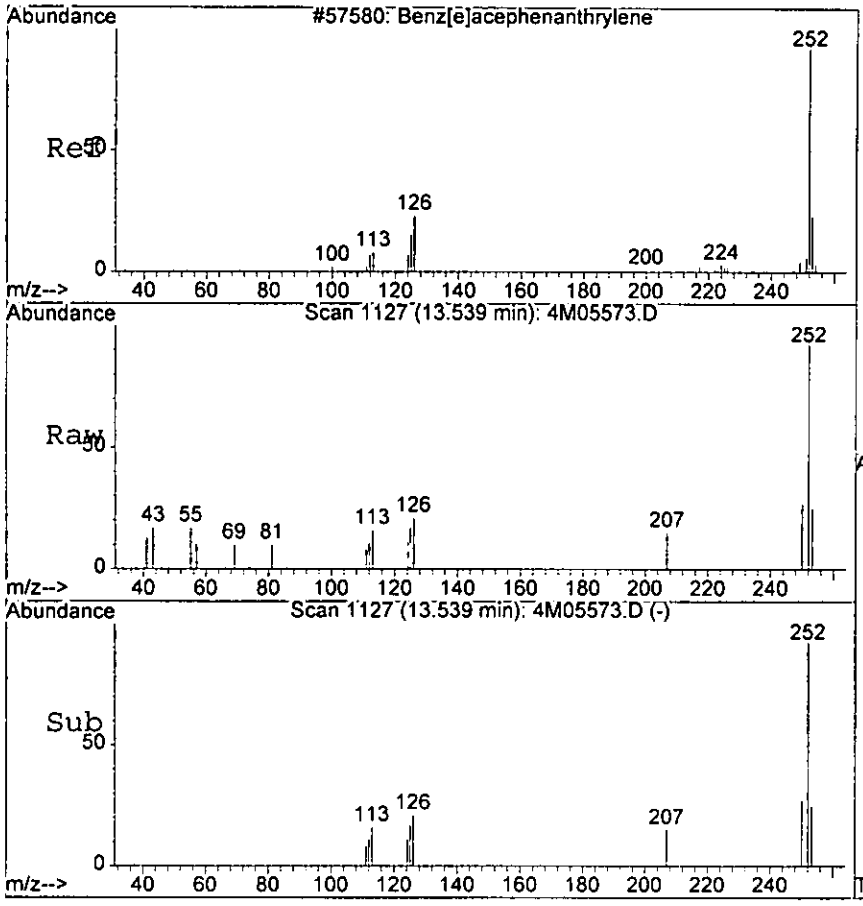


#80
bis(2-Ethylhexyl)phthalate
Concen: 1.12 ng
RT: 12.29 min Scan# 1005
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:149 Resp: 1661

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

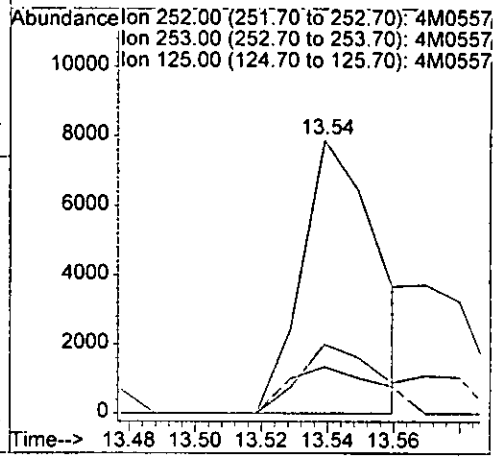


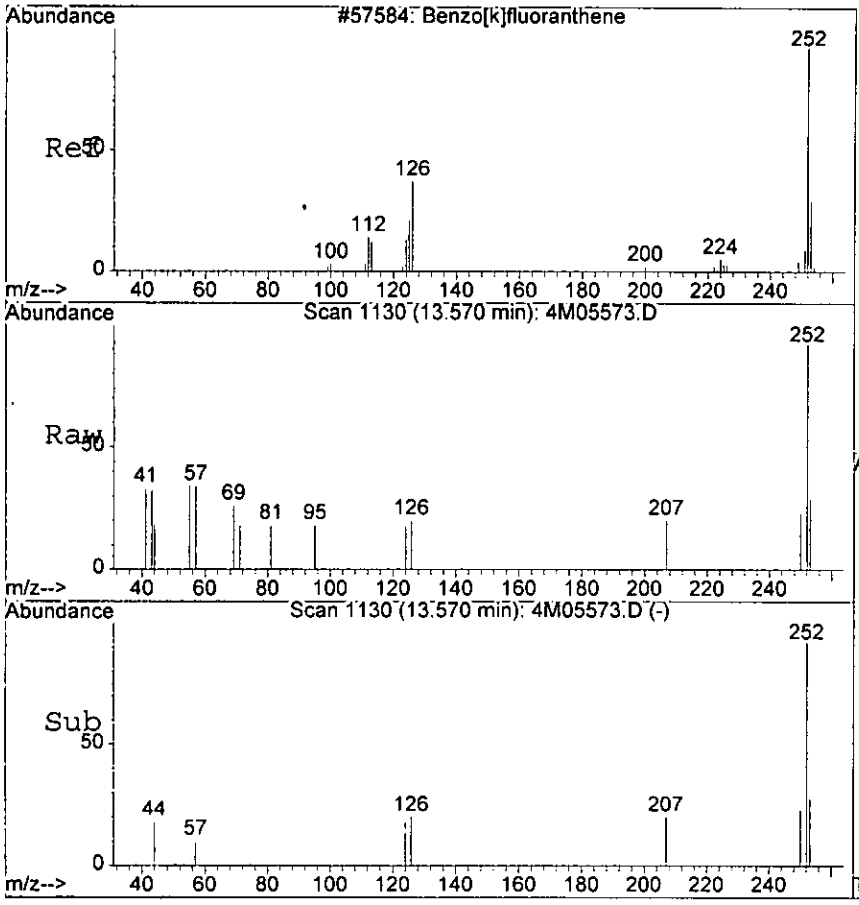


#83
Benzo[b]fluoranthene
Concen: 8.34 ng m
RT: 13.54 min Scan# 1127
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:252 Resp: 12559

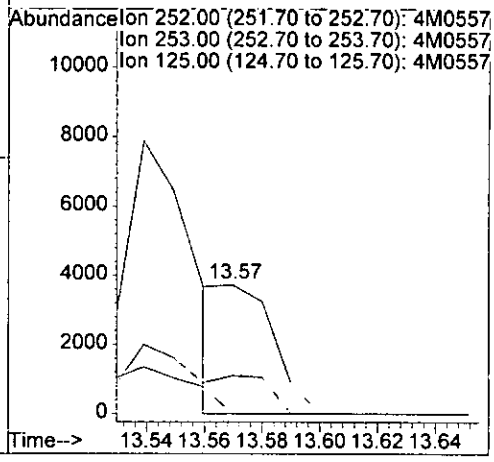
Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	63.3
125	17.1	0.0	57.6

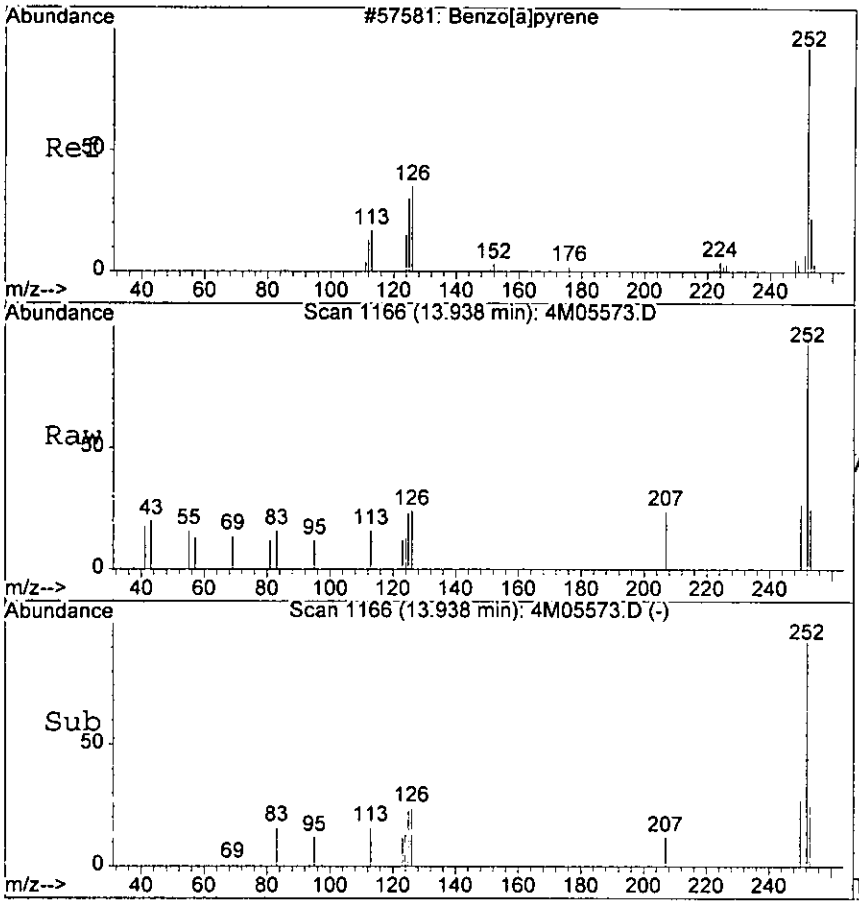




#84
Benzo[k]fluoranthene
Concen: 3.66 ng m
RT: 13.57 min Scan# 1130
Delta R.T. -0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:252	Resp:	4809	
Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	63.5
125	0.0	0.0	53.8

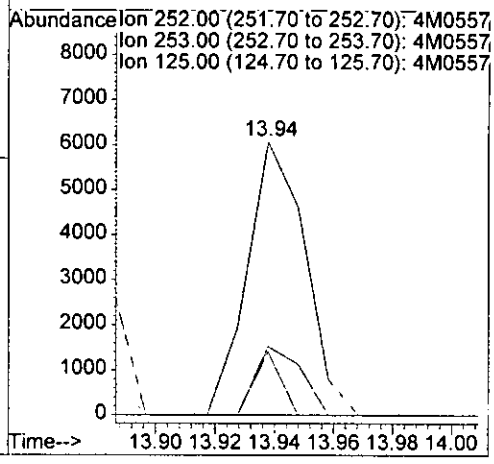


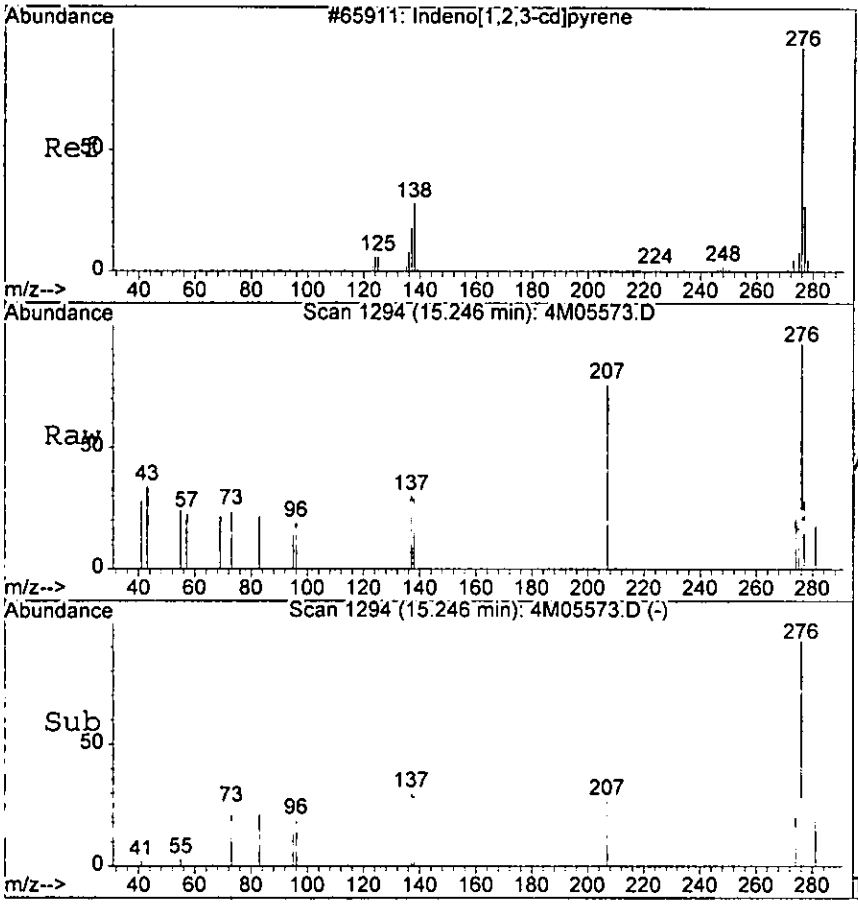


#85
Benzo[a]pyrene
Concen: 6.53 ng
RT: 13.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:252 Resp: 8224

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	62.9
125	23.1	0.0	57.6

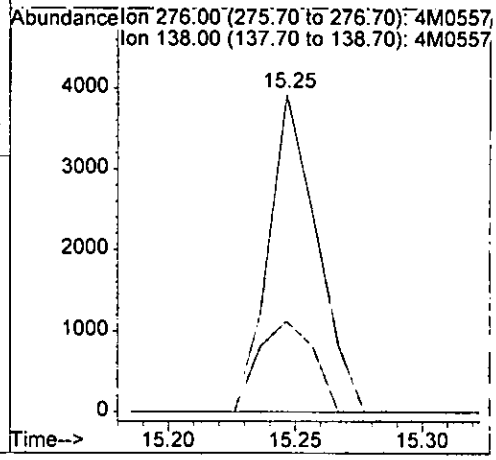


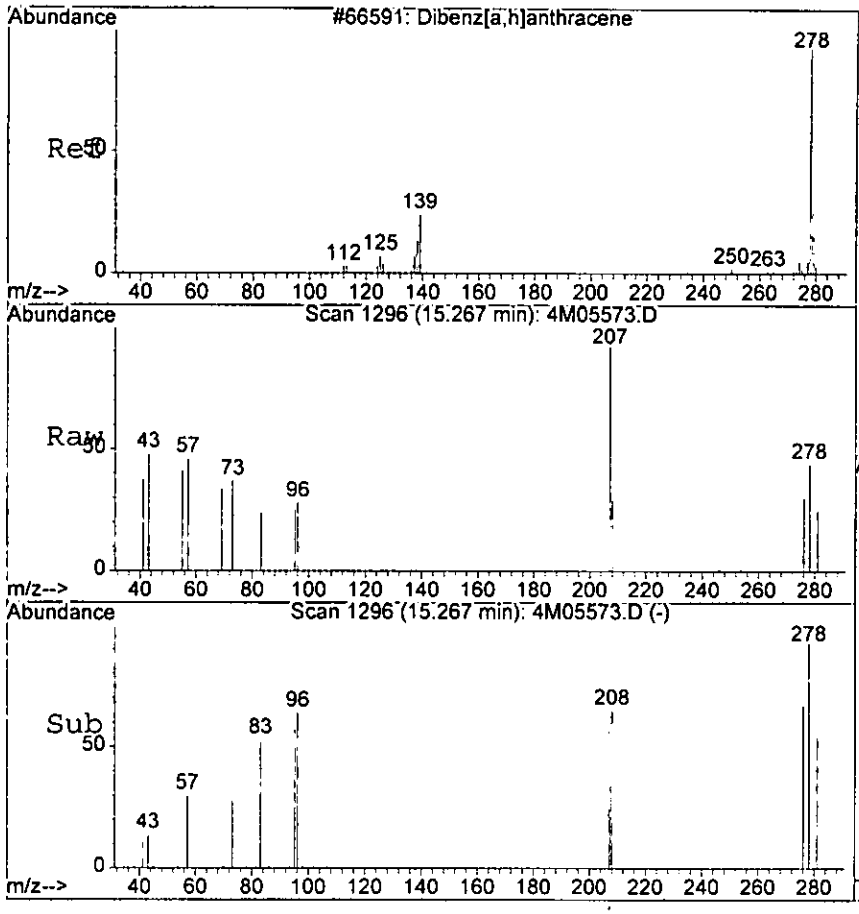


#86
Indeno[1,2,3-cd]pyrene
Concen: 3.92 ng
RT: 15.25 min Scan# 1294
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:276 Resp: 5169

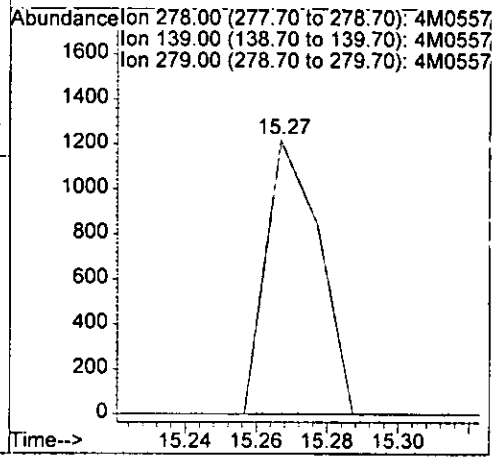
Ion	Ratio	Lower	Upper
276	100		
138	28.5	0.0	73.4

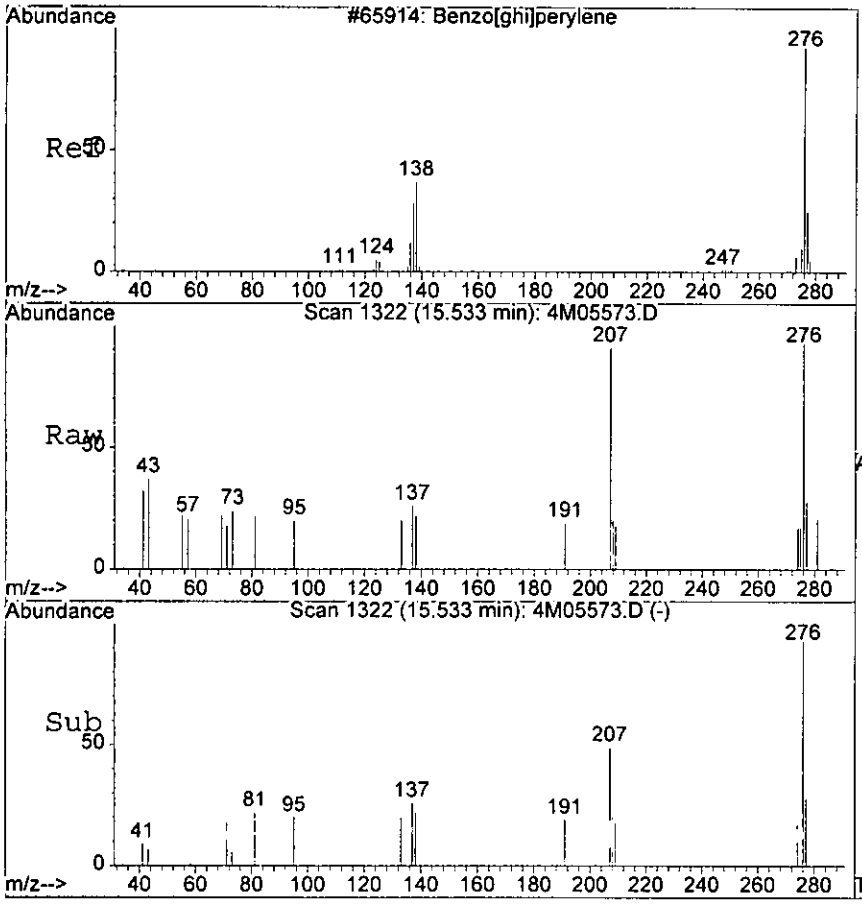




#87
Dibenzo[a,h]anthracene
Concen: 1.18 ng
RT: 15.27 min Scan# 1296
Delta R.T. -0.01 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:278	Resp:	1267	
Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	63.8
279	0.0	0.0	64.0

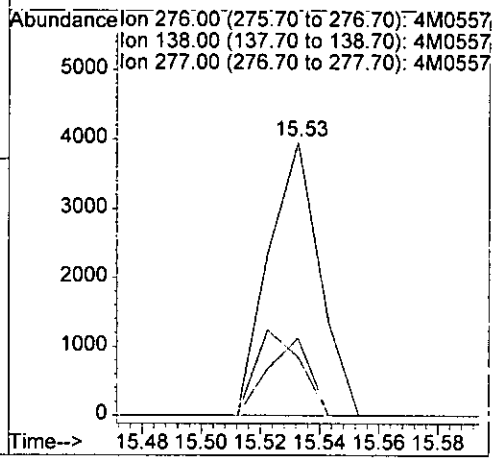




#88
Benzo[g,h,i]perylene
Concen: 4.45 ng
RT: 15.53 min Scan# 1322
Delta R.T. 0.00 min
Lab File: 4M05573.D
Acq: 12 Aug 2005 17:26

Tgt Ion:276 Resp: 4697

Ion	Ratio	Lower	Upper
276	100		
138	21.5	0.0	74.1
277	28.4	0.0	65.0



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-003(3X)
Client Id: PCSB-37 (0.5)
Data File: 4M05644.D
Analysis Date: 08/16/05 10:01
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 90

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.030	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.033**	**1.7**
95-50-1	1,2-Dichlorobenzene	0.051	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.021**	**1.8**
122-66-7	1,2-Diphenylhydrazine	0.032	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.036**	**0.67**
541-73-1	1,3-Dichlorobenzene	0.047	U	111-91-1	bis(2-Chloroethoxy)methan	0.025	U
106-46-7	1,4-Dichlorobenzene	0.056	U	111-44-4	bis(2-Chloroethyl)ether	0.059	U
95-95-4	2,4,5-Trichlorophenol	1.5	U	108-60-1	bis(2-chloroisopropyl)ether	0.036	U
88-06-2	2,4,6-Trichlorophenol	2.7	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.10**	**0.55**
120-83-2	2,4-Dichlorophenol	0.18	U	85-68-7	Butylbenzylphthalate	0.045	U
105-67-9	2,4-Dimethylphenol	0.15	U	86-74-8	Carbazole	0.033	U
51-28-5	2,4-Dinitrophenol	0.76	U	**218-01-9**	**Chrysene**	**0.023**	**1.8**
121-14-2	2,4-Dinitrotoluene	0.041	U	**84-74-2**	**Di-n-butylphthalate**	**0.025**	**0.31**
606-20-2	2,6-Dinitrotoluene	0.046	U	117-84-0	Di-n-octylphthalate	0.026	U
91-58-7	2-Chloronaphthalene	0.031	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.039**	**0.55**
95-57-8	2-Chlorophenol	0.23	U	**132-64-9**	**Dibenzofuran**	**0.14**	**0.84**
91-57-6	**2-Methylnaphthalene**	**0.14**	**3.8**	84-66-2	Diethylphthalate	0.031	U
95-48-7	2-Methylphenol	0.53	U	131-11-3	Dimethylphthalate	0.025	U
88-74-4	2-Nitroaniline	0.078	U	**206-44-0**	**Fluoranthene**	**0.032**	**2.0**
88-75-5	2-Nitrophenol	0.13	U	**86-73-7**	**Fluorene**	**0.028**	**1.4**
106-44-5	3&4-Methylphenol	0.59	U	118-74-1	Hexachlorobenzene	0.051	U
91-94-1	3,3'-Dichlorobenzidine	0.24	U	87-68-3	Hexachlorobutadiene	0.047	U
99-09-2	3-Nitroaniline	0.46	U	77-47-4	Hexachlorocyclopentadiene	0.30	U
534-52-1	4,6-Dinitro-2-methylphenol	0.21	U	67-72-1	Hexachloroethane	0.083	U
101-55-3	4-Bromophenyl-phenylether	0.043	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.015**	**1.2**
59-50-7	4-Chloro-3-methylphenol	0.28	U	78-59-1	Isophorone	0.034	U
106-47-8	4-Chloroaniline	0.86	U	621-64-7	N-Nitroso-di-n-propylamine	0.054	U
7005-72-3	4-Chlorophenyl-phenylether	0.051	U	62-75-9	N-Nitrosodimethylamine	1.3	U
100-01-6	4-Nitroaniline	0.27	U	86-30-6	n-Nitrosodiphenylamine	0.053	U
100-02-7	4-Nitrophenol	0.20	U	**91-20-3**	**Naphthalene**	**0.026**	**2.1**
83-32-9	**Acenaphthene**	**0.046**	**0.81**	98-95-3	Nitrobenzene	0.044	U
208-96-8	Acenaphthylene	0.026	U	87-86-5	Pentachlorophenol	0.14	U
120-12-7	**Anthracene**	**0.029**	**0.58**	**85-01-8**	**Phenanthrene**	**0.026**	**2.9**
92-87-5	Benzidine	0.25	U	108-95-2	Phenol	0.17	U
56-55-3	**Benzo[a]anthracene**	**0.019**	**1.2**	**129-00-0**	**Pyrene**	**0.026**	**2.0**
50-32-8	**Benzo[a]pyrene**	**0.026**	**1.4**				

Worksheet #: 18332

Total Target Concentration 27.61

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\08-16-05\4M05644.D Vial: 22
Acq On : 16 Aug 2005 10:01 Operator: AHD
Sample : AC18893-003(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:04 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

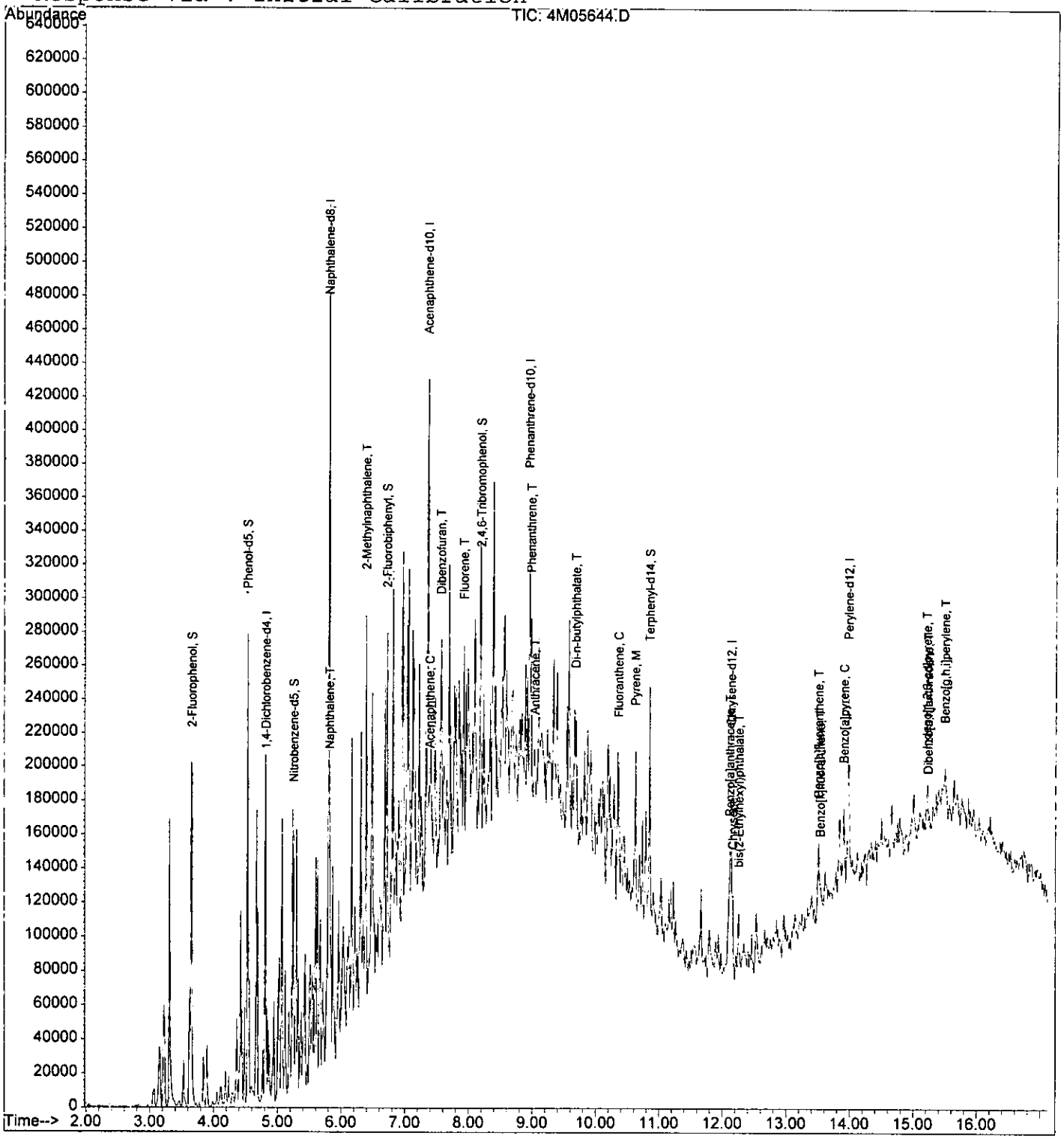
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	37310	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	101863	40.00	ng	-0.03
35) Acenaphthene-d10	7.36	164	50127	40.00	ng	-0.03
59) Phenanthrene-d10	8.94	188	64745	40.00	ng	-0.04
72) Chrysene-d12	12.13	240	49290	40.00	ng	-0.04
81) Perylene-d12	13.97	264	40603	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	65686	59.96	ng	-0.03
Spiked Amount 200.000			Recovery = 29.98%			
7) Phenol-d5	4.52	99	81546	55.46	ng	-0.03
Spiked Amount 200.000			Recovery = 27.73%			
20) Nitrobenzene-d5	5.25	128	15406	32.53	ng	-0.03
Spiked Amount 100.000			Recovery = 32.53%			
40) 2-Fluorobiphenyl	6.71	172	50746	31.84	ng	-0.03
Spiked Amount 100.000			Recovery = 31.84%			
62) 2,4,6-Tribromophenol	8.18	332	19453	67.17	ng	-0.03
Spiked Amount 200.000			Recovery = 33.59%			
75) Terphenyl-d14	10.84	244	36639	27.57	ng	-0.04
Spiked Amount 100.000			Recovery = 27.57%			
Target Compounds						Qvalue
29) Naphthalene	5.81	128	46539	19.25	ng	98
33) 2-Methylnaphthalene	6.38	142	57190	34.57	ng	93
49) Acenaphthene	7.39	153	10036	7.26	ng	91
52) Dibenzofuran	7.56	168	14922	7.57	ng	76
55) Fluorene	7.92	166	18249	12.38	ng	93
67) Phenanthrene	8.97	178	42172	26.29	ng	99
68) Anthracene	9.03	178	8630	5.18	ng	70
70) Di-n-butylphthalate	9.68	149	5970	2.83	ng	52
71) Fluoranthene	10.35	202	29755	17.67	ng	98
73) Pyrene	10.62	202	32966	18.05	ng	94
78) Benzo[a]anthracene	12.11	228	15914	10.41	ng	85
79) Chrysene	12.16	228	22187	16.13	ng	88
80) bis(2-Ethylhexyl)phthalate	12.25	149	5733	4.93	ng	75
83) Benzo[b]fluoranthene	13.50	252	25252m	15.56	ng	
84) Benzo[k]fluoranthene	13.53	252	8606m	6.07	ng	
85) Benzo[a]pyrene	13.90	252	16728	12.33	ng	94
86) Indeno[1,2,3-cd]pyrene	15.21	276	14794	10.40	ng	85
87) Dibenzo[a,h]anthracene	15.23	278	5743	4.96	ng	93
88) Benzo[g,h,i]perylene	15.49	276	17978	15.82	ng	85

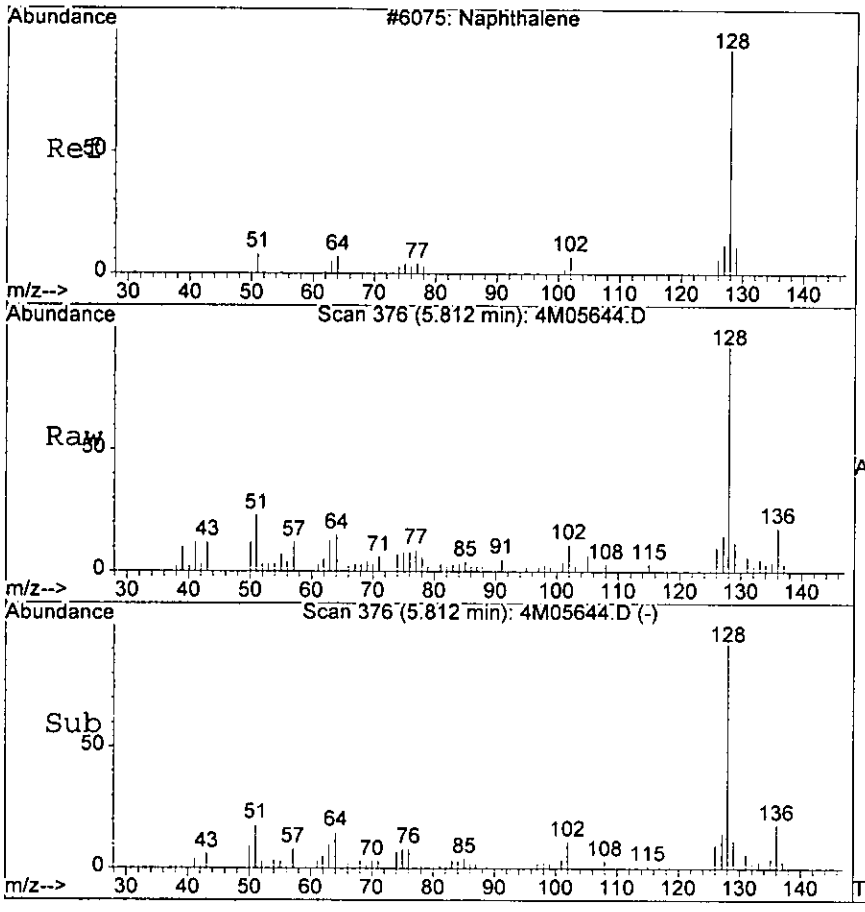
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05644.D Vial: 22
Acq On : 16 Aug 2005 10:01 Operator: AHD
Sample : AC18893-003(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:04 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

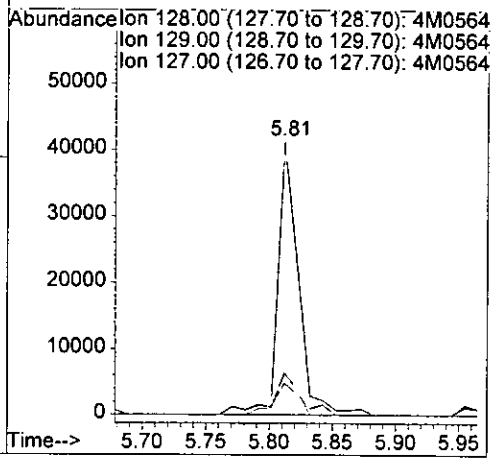


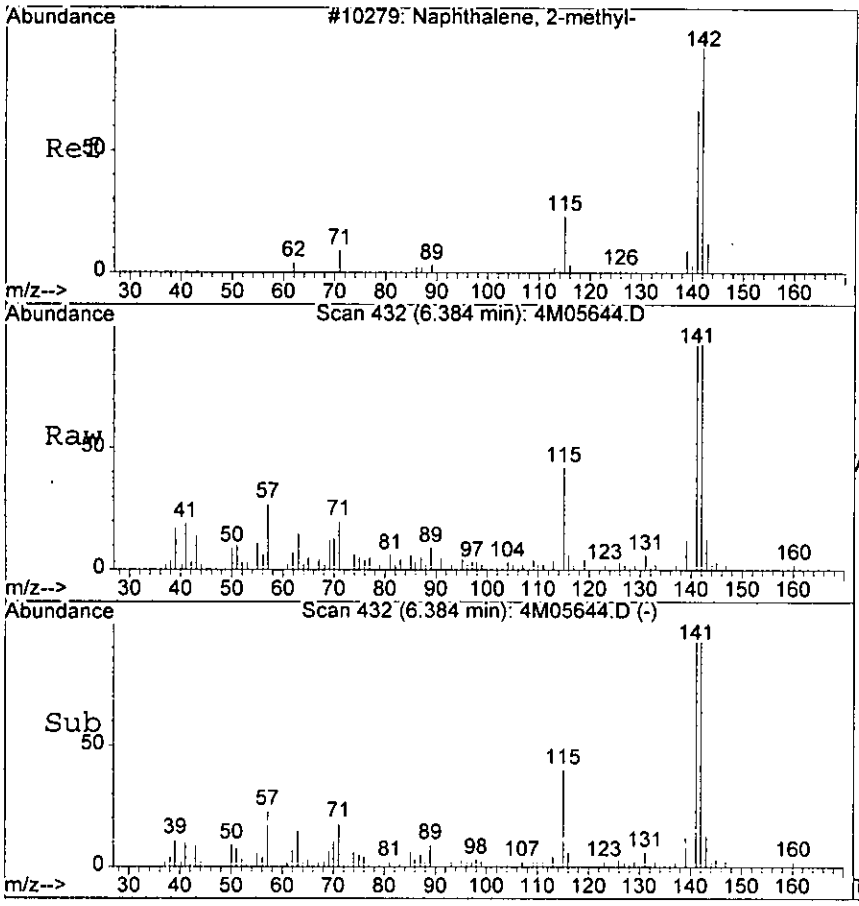


#29
Naphthalene
Concen: 19.25 ng
RT: 5.81 min Scan# 376
Delta R.T. -0.03 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:128 Resp: 46539

Ion	Ratio	Lower	Upper
128	100		
129	11.7	0.0	51.8
127	15.3	0.0	57.0

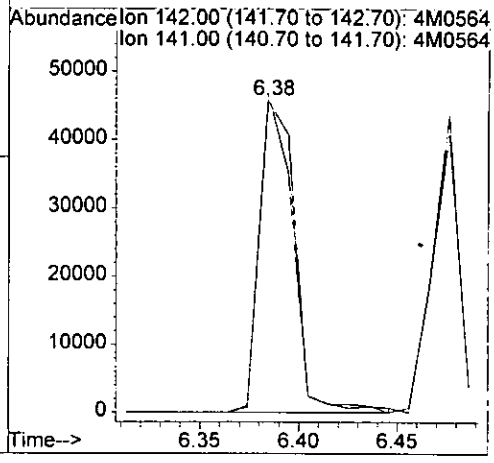


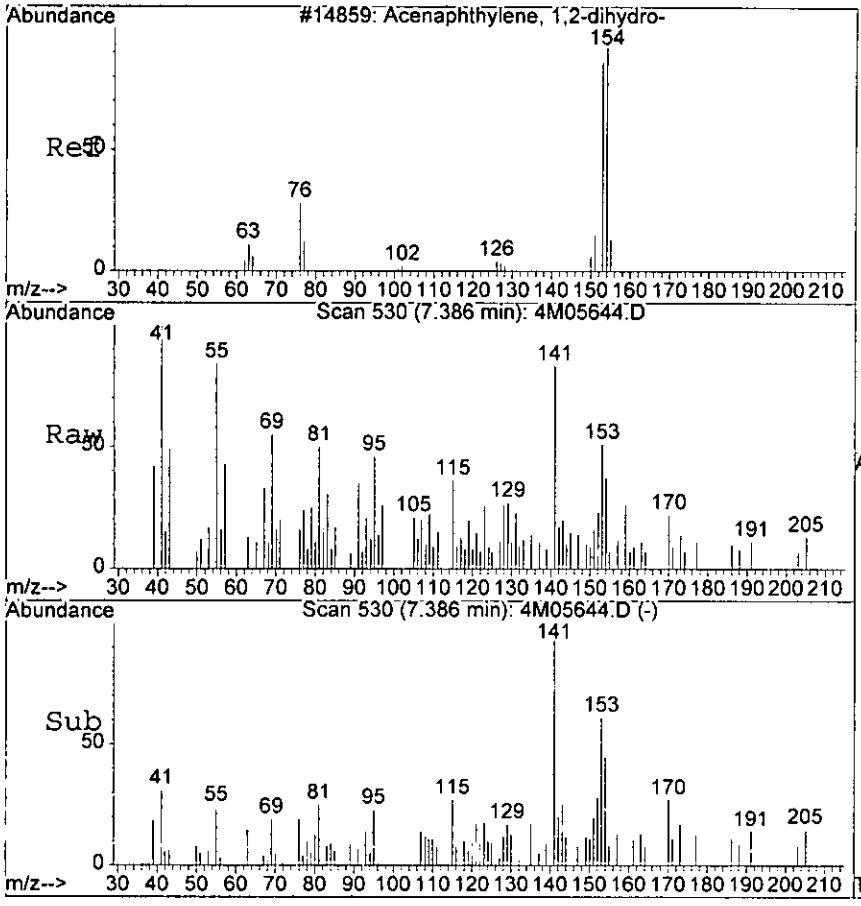


#33
2-Methylnaphthalene
Concen: 34.57 ng
RT: 6.38 min Scan# 432
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:142 Resp: 57190

Ion	Ratio	Lower	Upper
142	100		
141	102.2	55.7	135.7

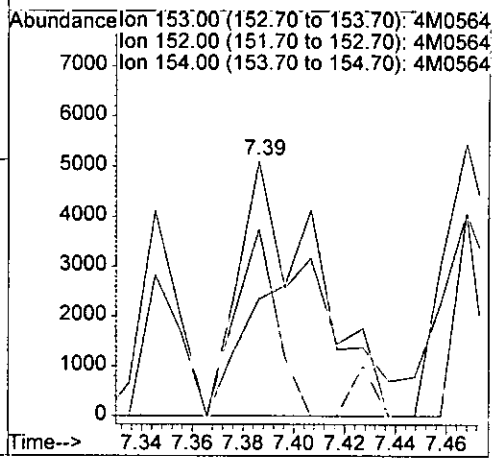


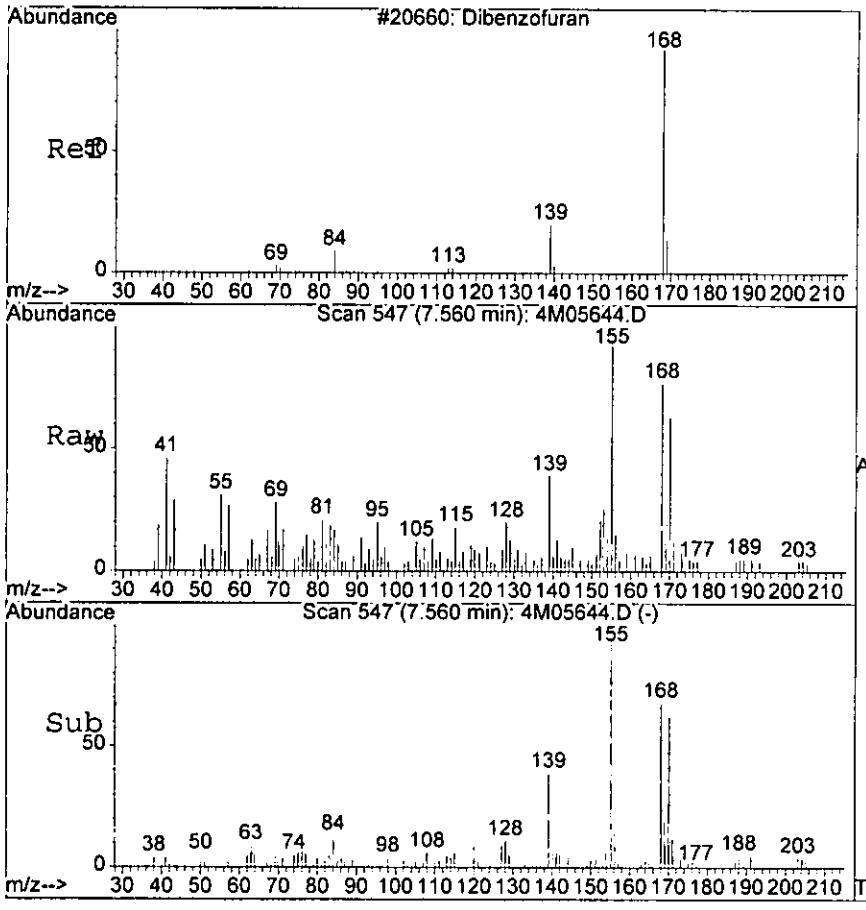


#49
Acenaphthene
Concen: 7.26 ng
RT: 7.39 min Scan# 530
Delta R.T. -0.03 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:153 Resp: 10036

Ion	Ratio	Lower	Upper
153	100		
152	45.9	8.3	88.3
154	73.5	45.1	125.1

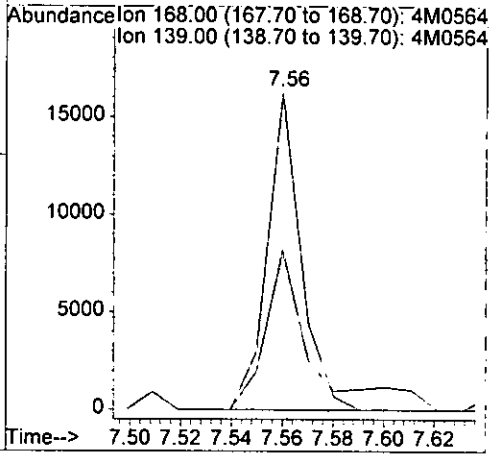


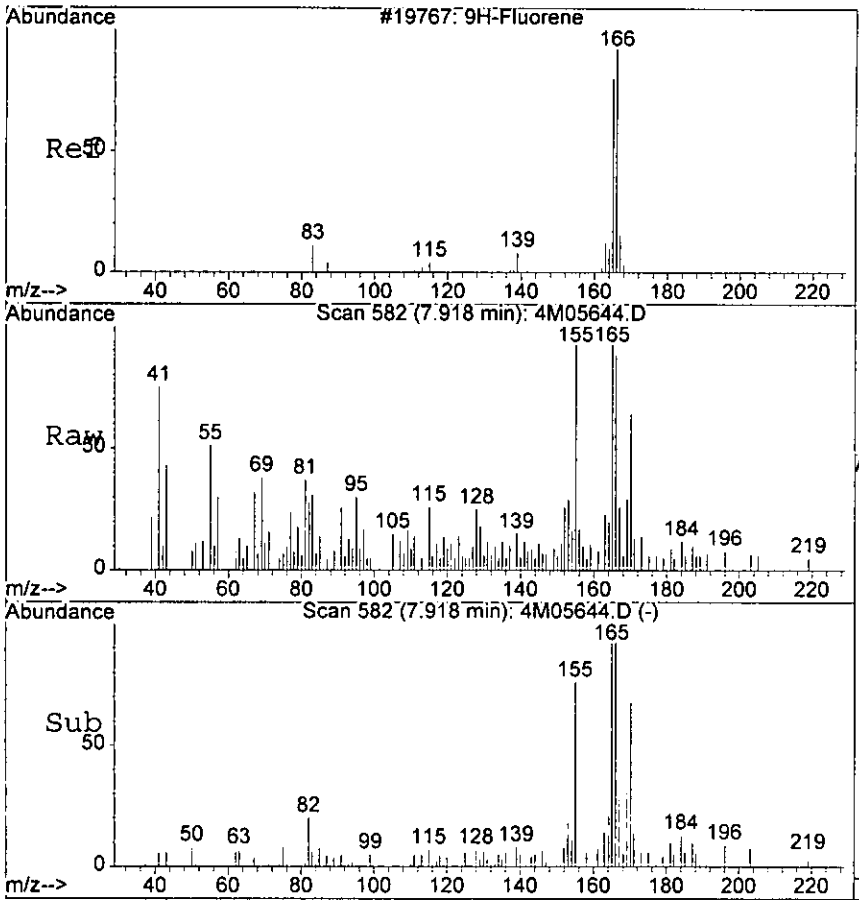


#52
Dibenzofuran
Concen: 7.57 ng
RT: 7.56 min Scan# 547
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:168 Resp: 14922

Ion	Ratio	Lower	Upper
168	100		
139	50.4	6.0	66.0

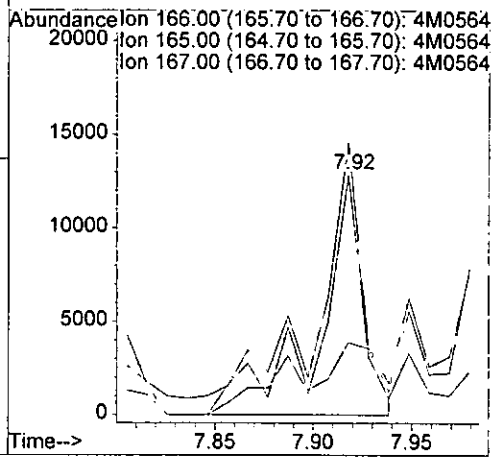


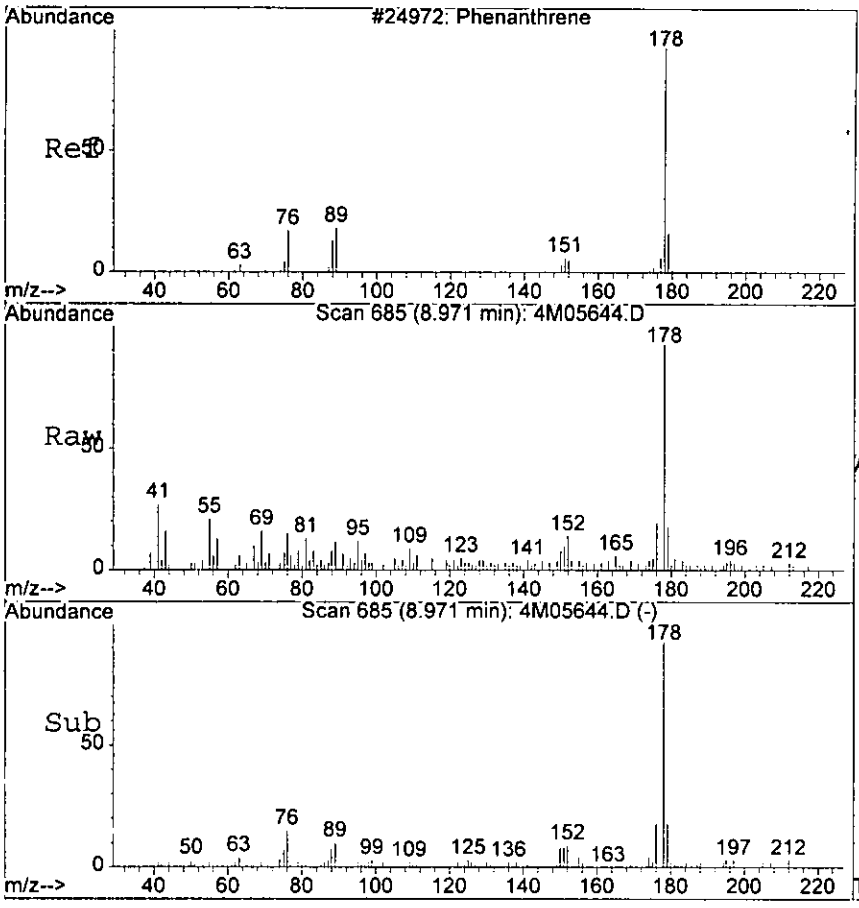


#55
Fluorene
Concen: 12.38 ng
RT: 7.92 min Scan# 582
Delta R.T. -0.03 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:166 Resp: 18249

Ion	Ratio	Lower	Upper
166	100		
165	105.8	63.3	143.3
167	30.1	0.0	54.6

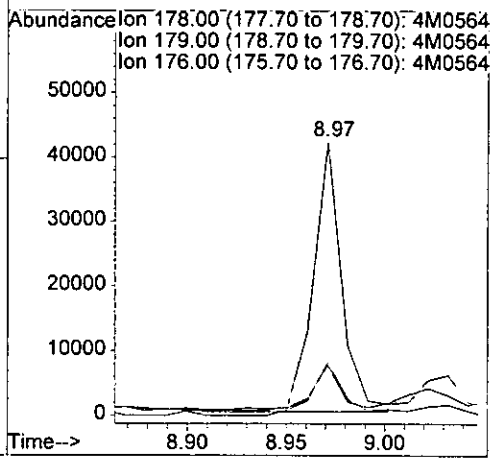


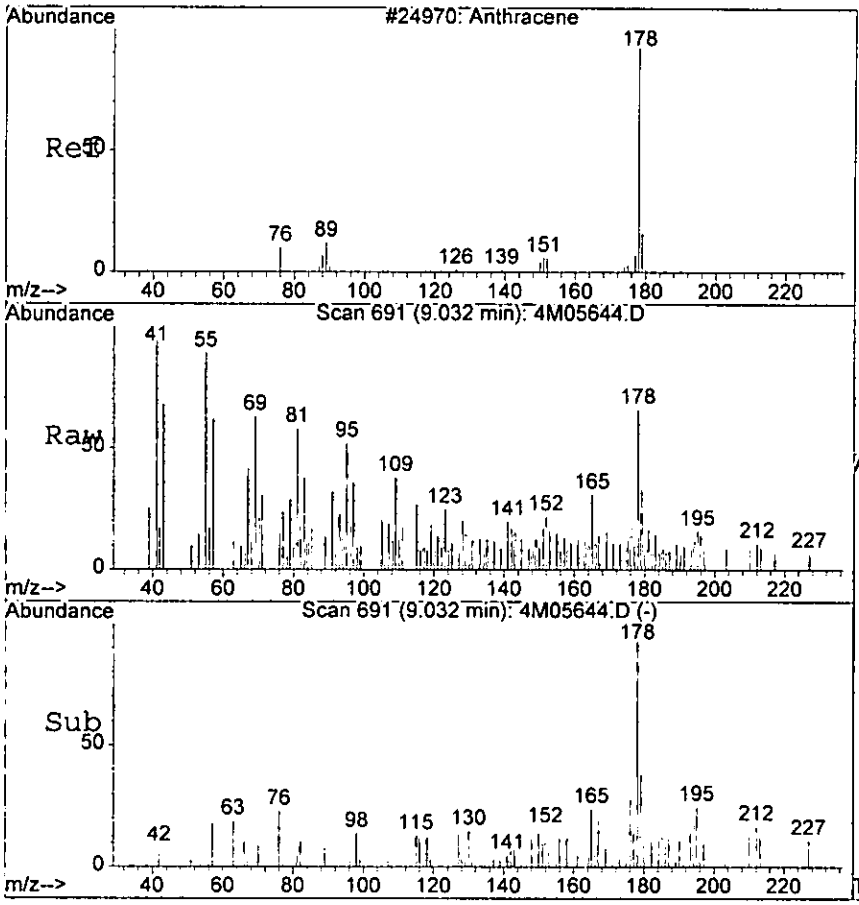


#67
Phenanthrene
Concen: 26.29 ng
RT: 8.97 min Scan# 685
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:178 Resp: 42172

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

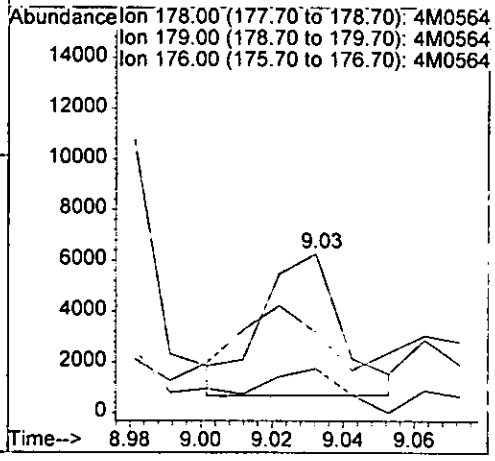


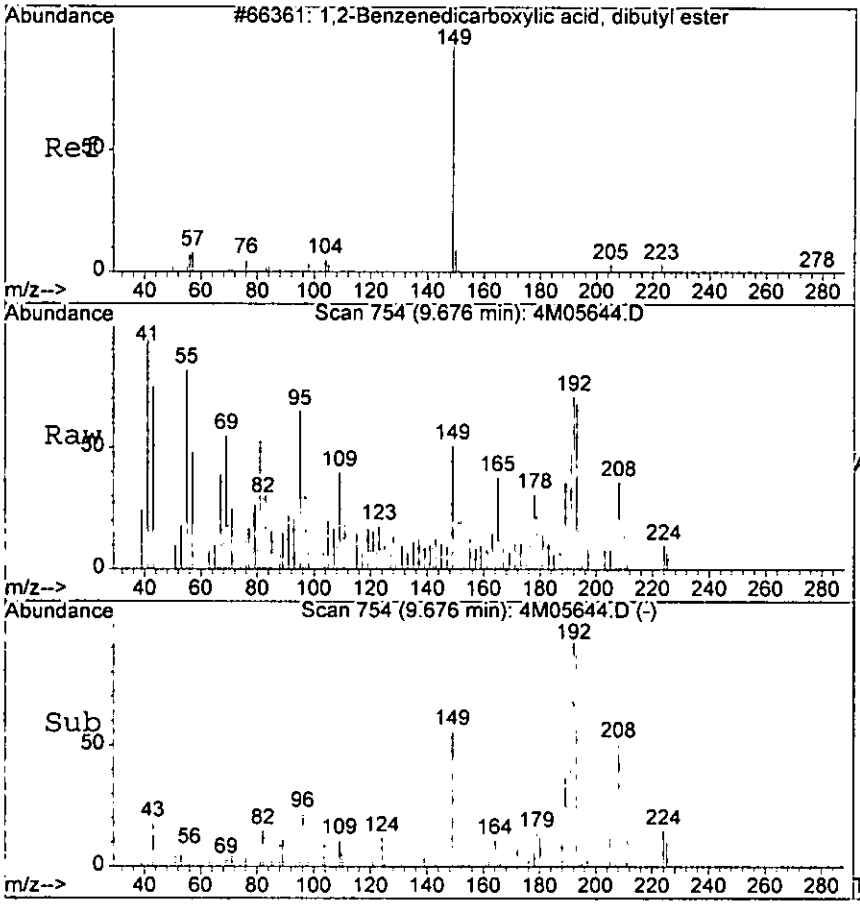


#68
Anthracene
Concen: 5.18 ng
RT: 9.03 min Scan# 691
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:178 Resp: 8630

Ion	Ratio	Lower	Upper
178	100		
179	25.5	0.0	56.6
176	37.4	0.0	60.2

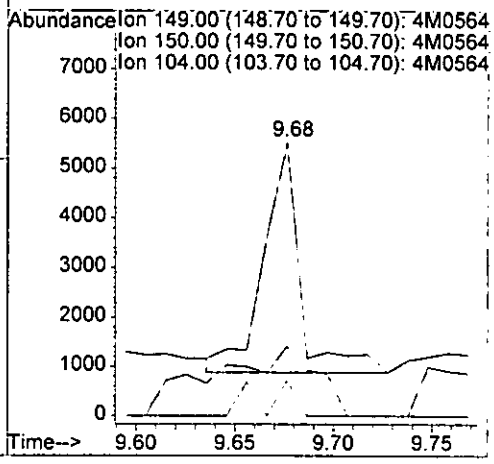


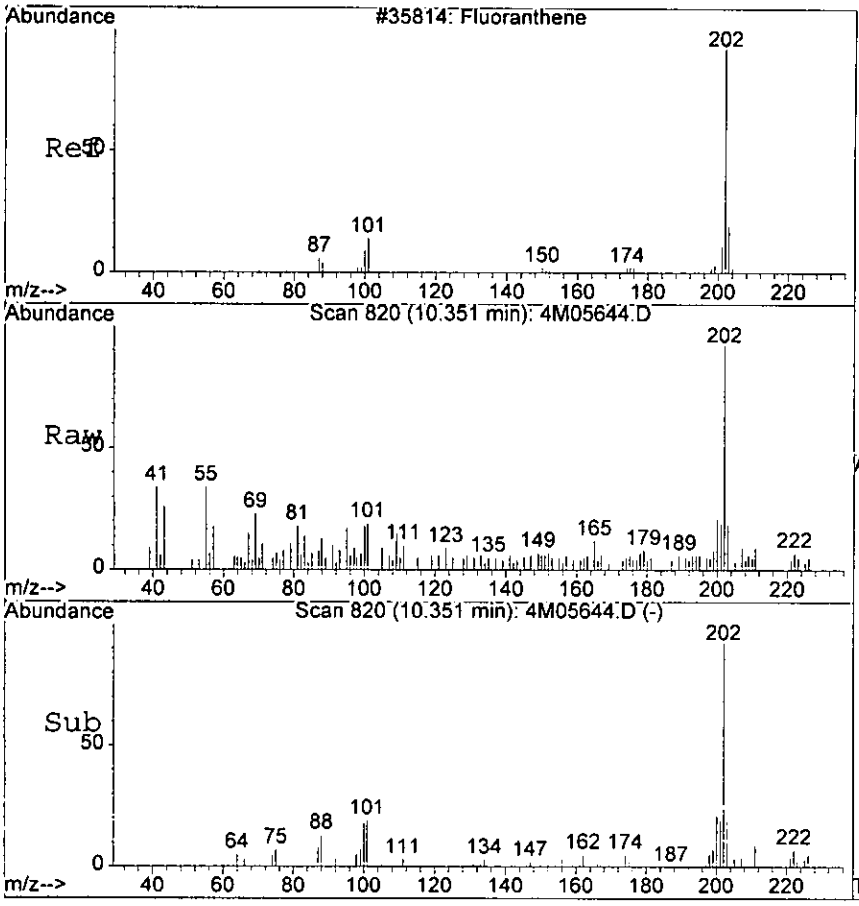


#70
Di-n-butylphthalate
Concen: 2.83 ng
RT: 9.68 min Scan# 754
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:149 Resp: 5970

Ion	Ratio	Lower	Upper
149	100		
150	30.4	0.0	49.8
104	15.4	0.0	44.6

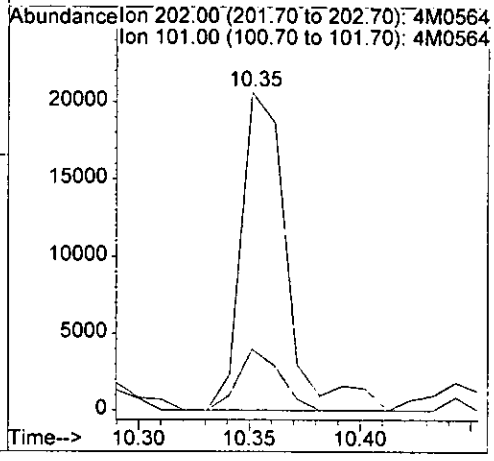


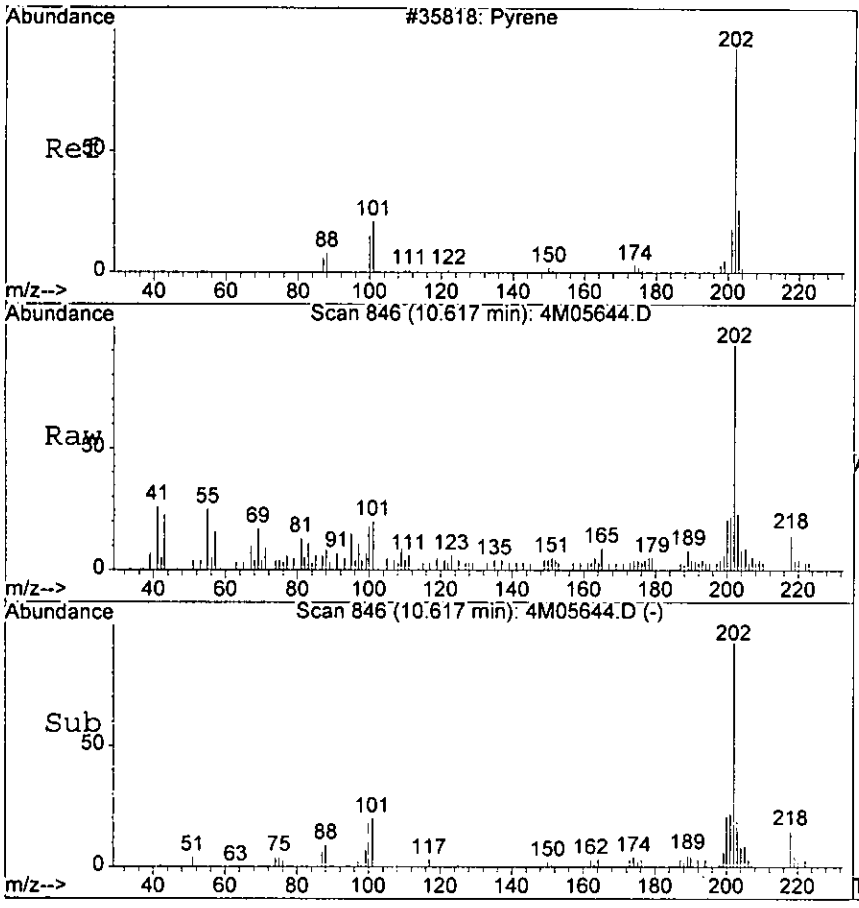


#71
Fluoranthene
Concen: 17.67 ng
RT: 10.35 min Scan# 820
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:202 Resp: 29755

Ion	Ratio	Lower	Upper
202	100		
101	19.3	0.0	58.3

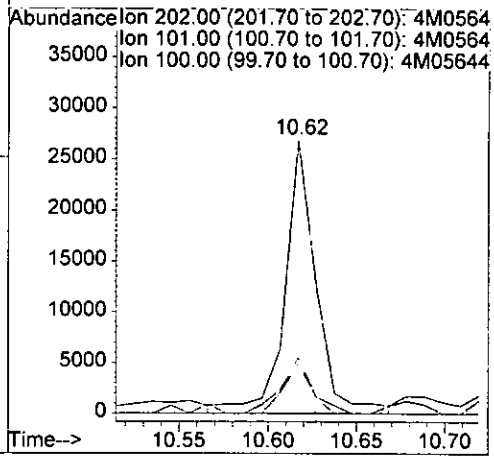


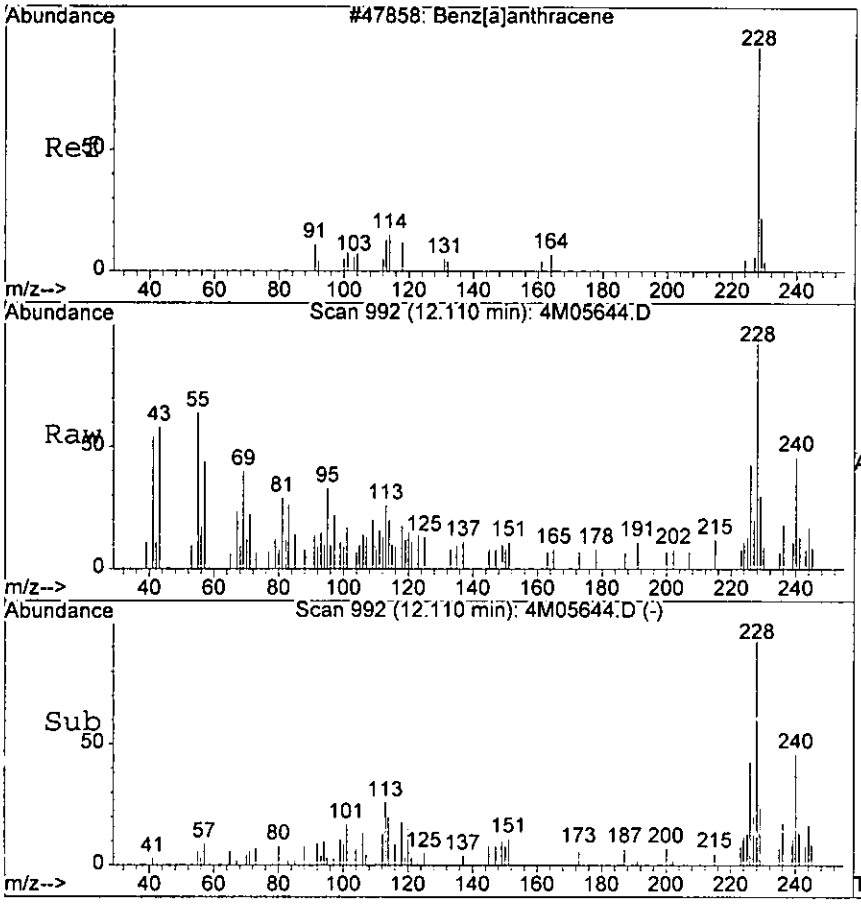


#73
Pyrene
Concen: 18.05 ng
RT: 10.62 min Scan# 846
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:202 Resp: 32966

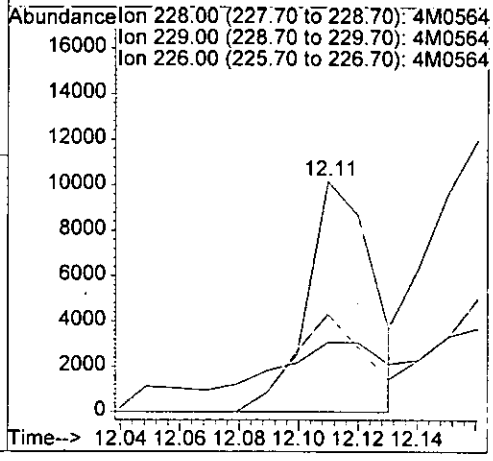
Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	62.7
100	19.0	0.0	60.5

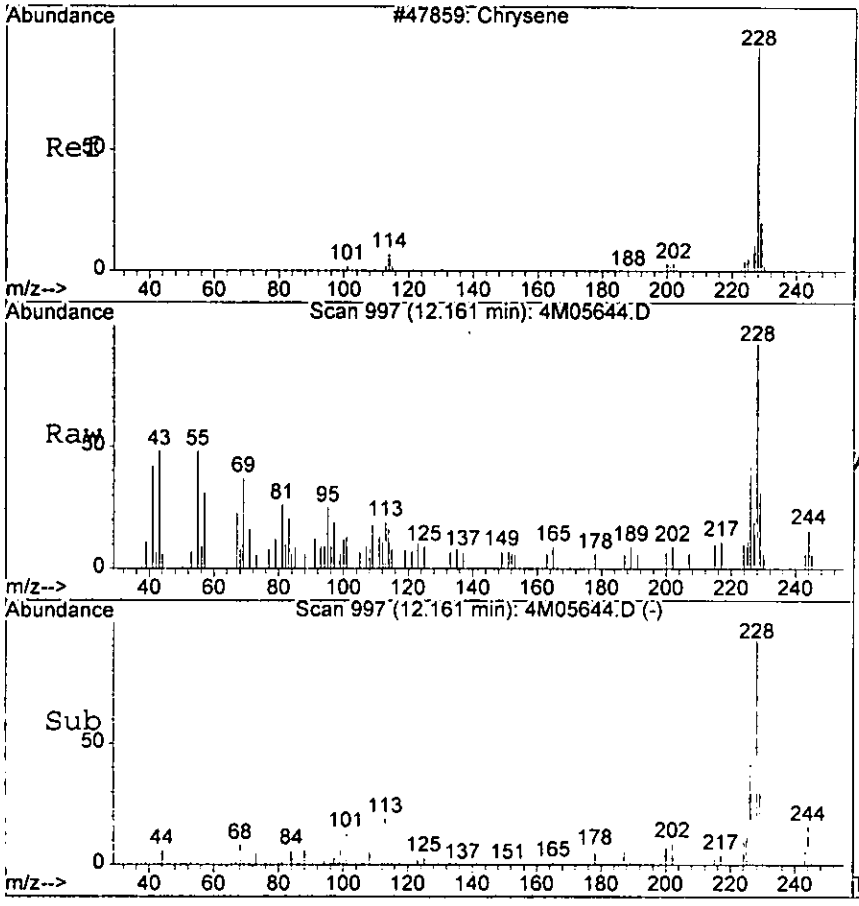




#78
Benzo[a]anthracene
Concen: 10.41 ng
RT: 12.11 min Scan# 992
Delta R.T. -0.05 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:228	Resp:	15914	
Ion	Ratio	Lower	Upper
228	100		
229	21.0	0.0	60.5
226	42.6	0.0	69.0

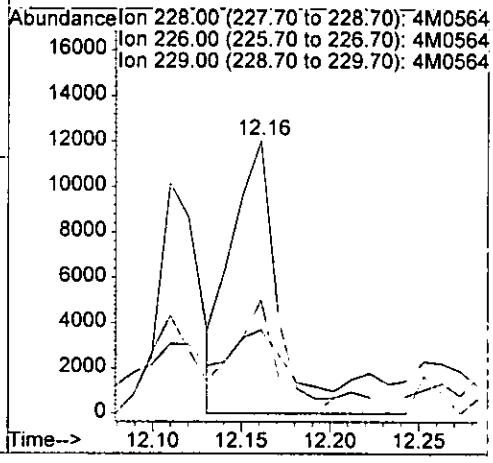


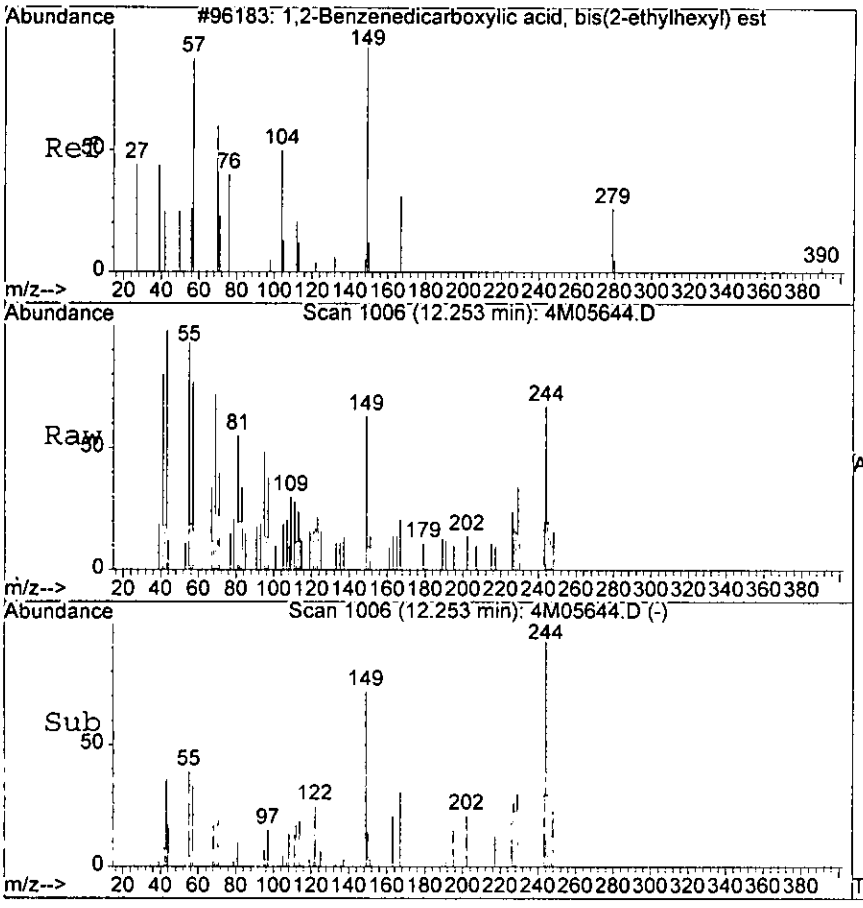


#79
Chrysene
Concen: 16.13 ng
RT: 12.16 min Scan# 997
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:228 Resp: 22187

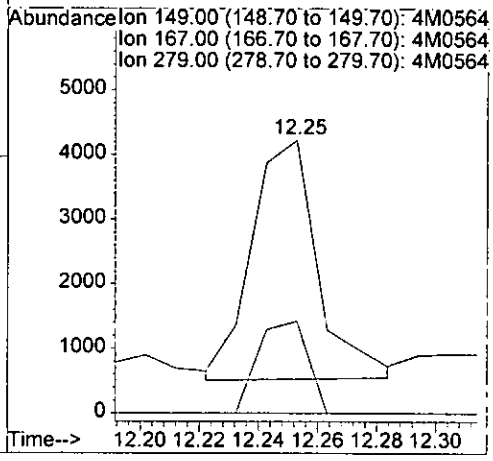
Ion	Ratio	Lower	Upper
228	100		
226	41.7	12.0	52.0
229	19.8	0.0	61.1

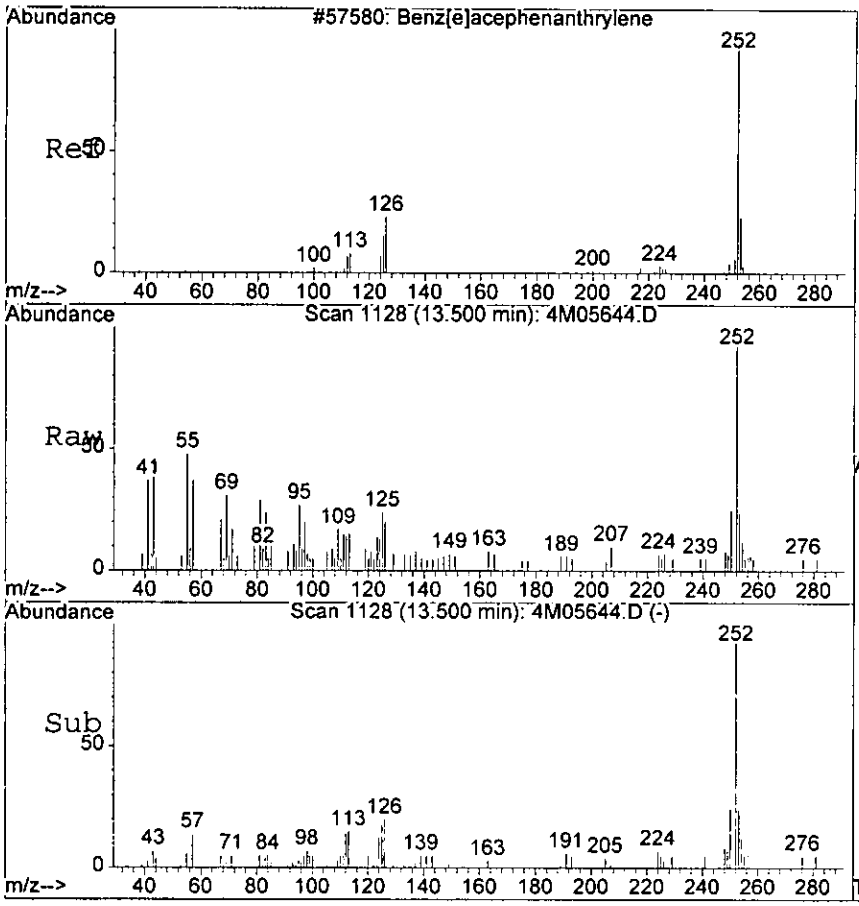




#80
bis(2-Ethylhexyl)phthalate
Concen: 4.93 ng
RT: 12.25 min Scan# 1006
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

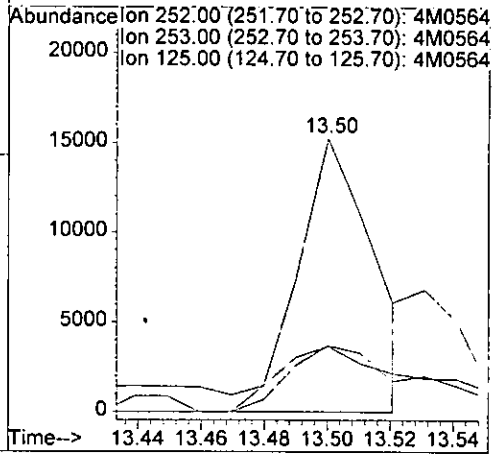
Tgt Ion:149	Resp:	5733	
Ion	Ratio	Lower	Upper
149	100		
167	39.8	0.0	53.9
279	0.0	0.0	43.5

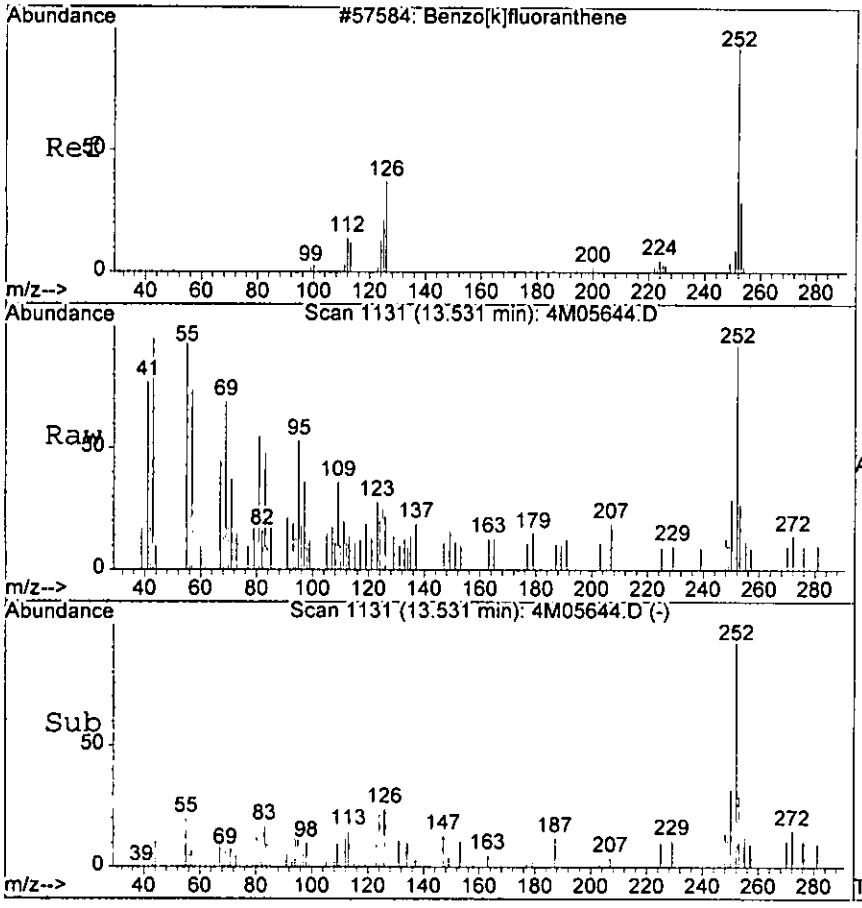




#83
Benzo[b]fluoranthene
Concen: 15.56 ng m
RT: 13.50 min Scan# 1128
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:252	Resp:	25252	
Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	63.3
125	24.1	0.0	57.6

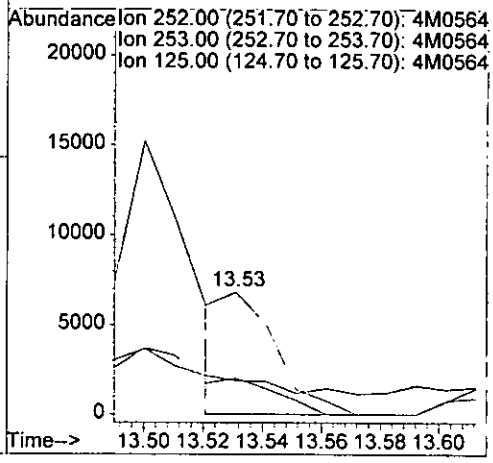


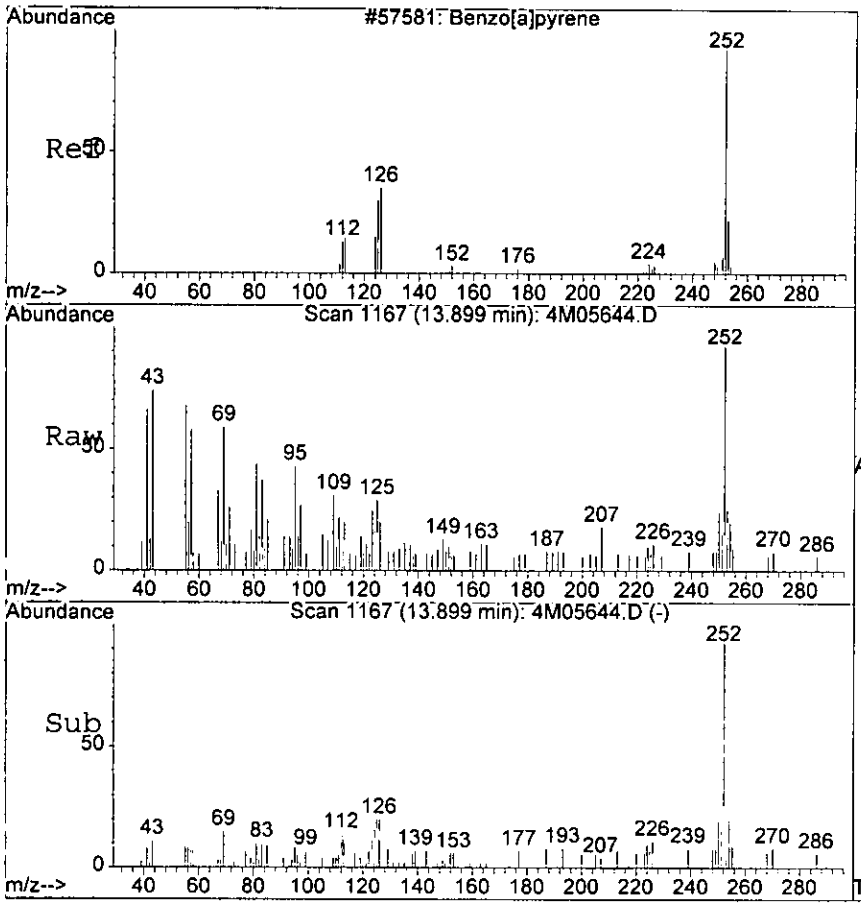


#84
Benzo[k]fluoranthene
Concen: 6.07 ng m
RT: 13.53 min Scan# 1131
Delta R.T. -0.05 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:252 Resp: 8606

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	63.5
125	27.7	0.0	53.8

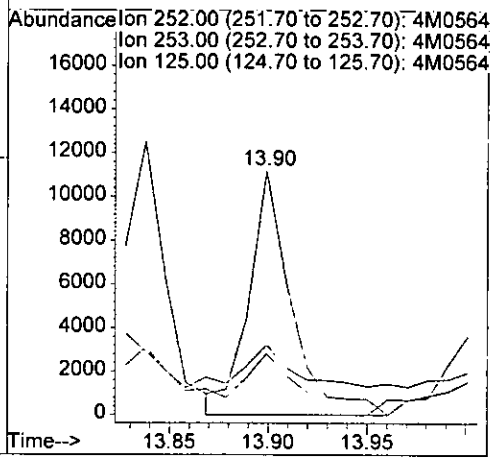


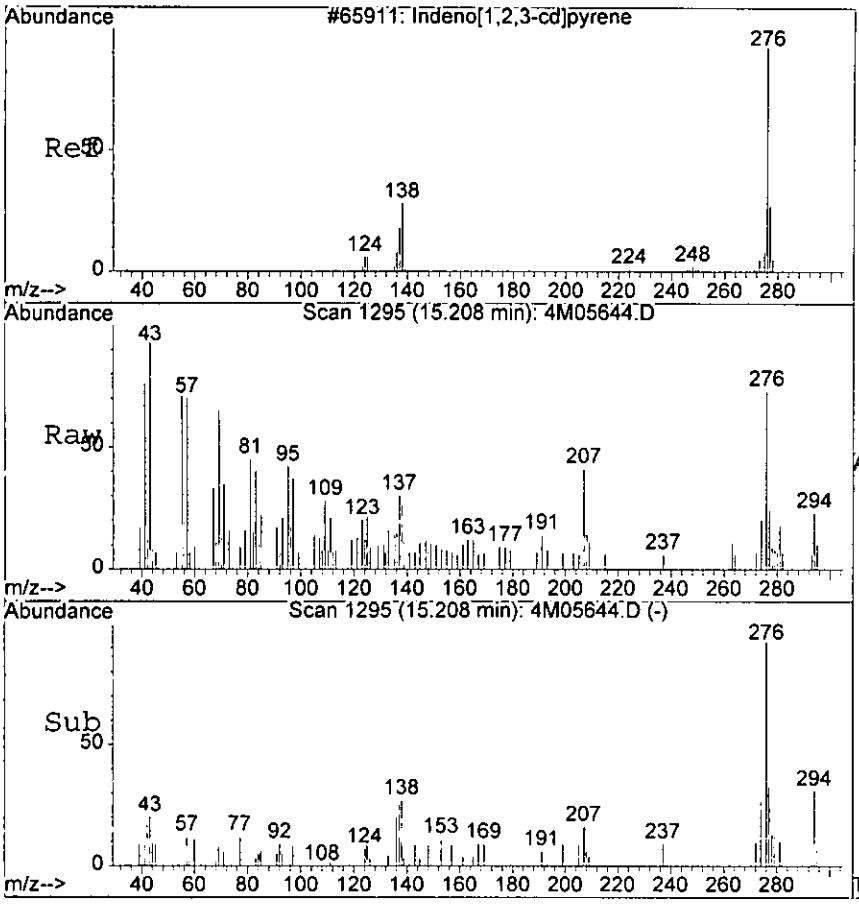


#85
Benzo[a]pyrene
Concen: 12.33 ng
RT: 13.90 min Scan# 1167
Delta R.T. -0.05 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:252 Resp: 16728

Ion	Ratio	Lower	Upper
252	100		
253	18.8	0.0	62.9
125	16.1	0.0	57.6

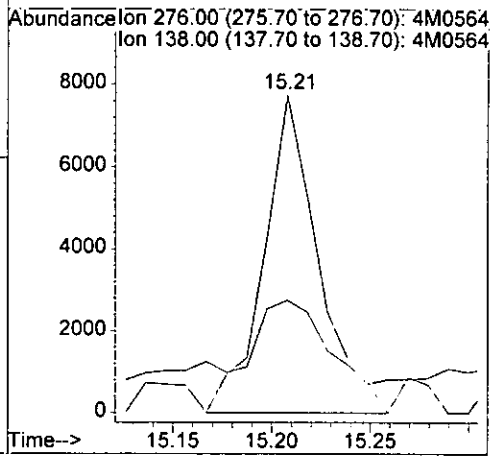


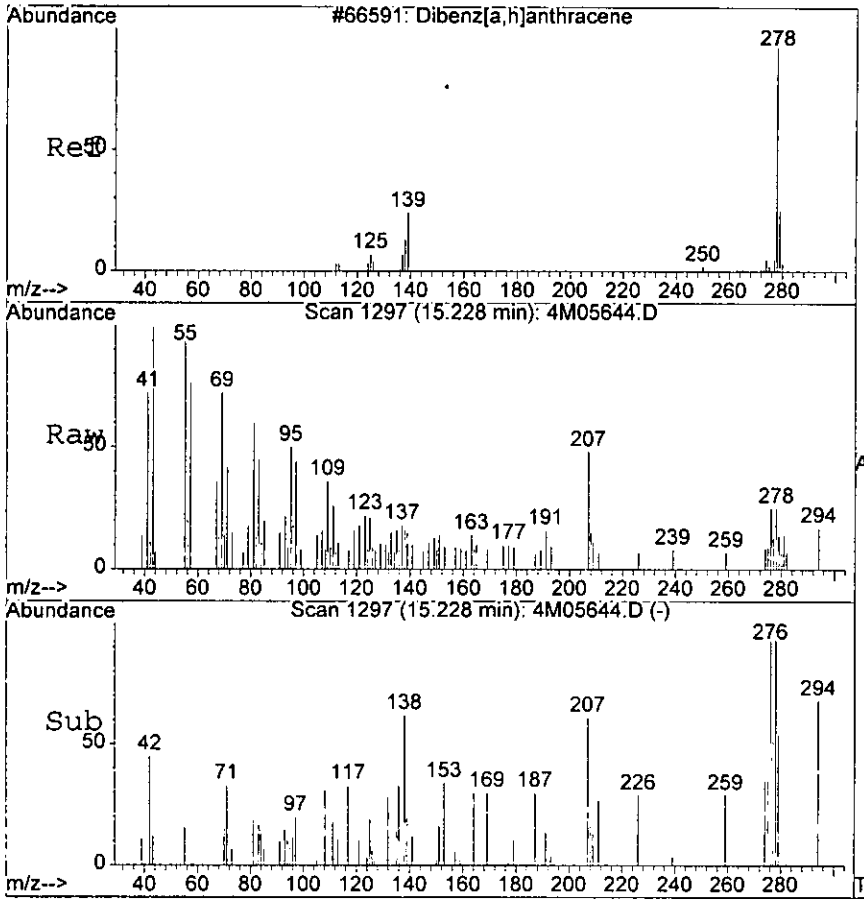


#86
Indeno[1,2,3-cd]pyrene
Concen: 10.40 ng
RT: 15.21 min Scan# 1295
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:276 Resp: 14794

Ion	Ratio	Lower	Upper
276	100		
138	25.0	0.0	73.4

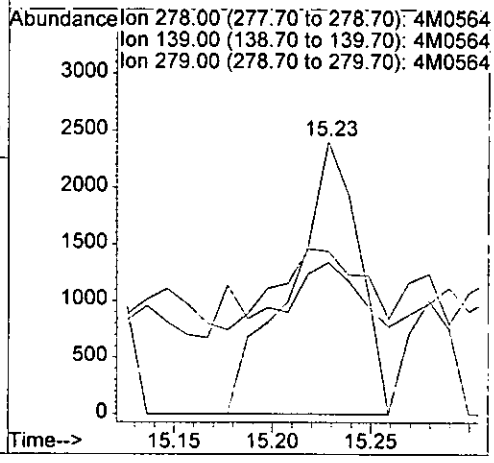


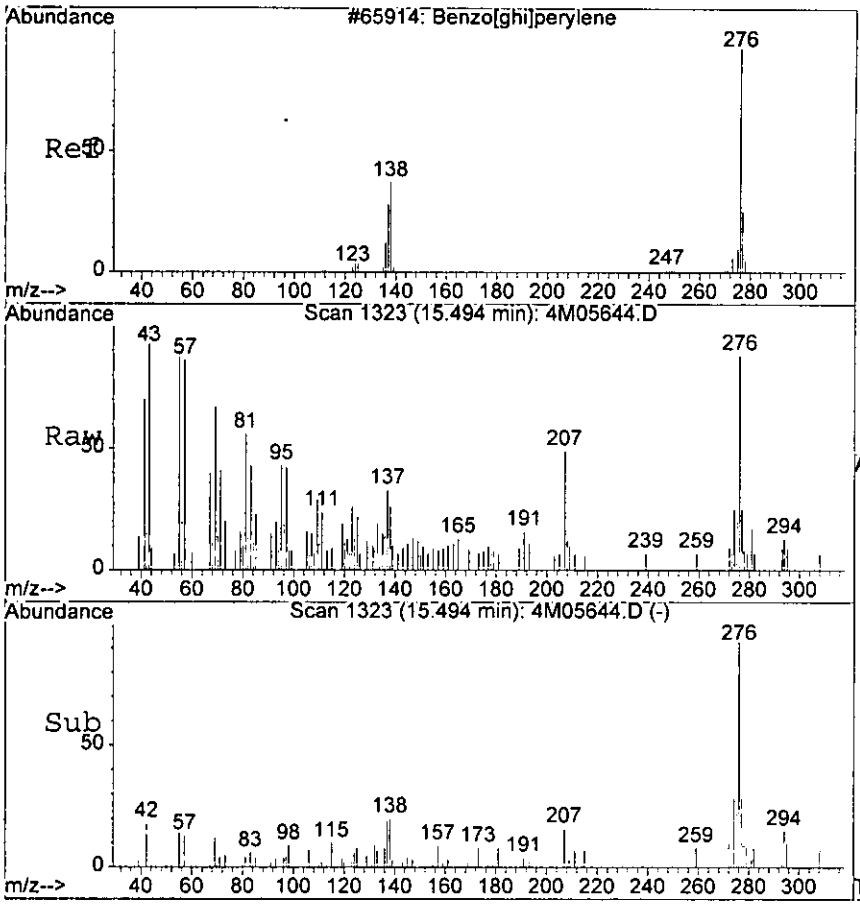


#87
Dibenzo[a,h]anthracene
Concen: 4.96 ng
RT: 15.23 min Scan# 1297
Delta R.T. -0.05 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:278 Resp: 5743

Ion	Ratio	Lower	Upper
278	100		
139	26.6	0.0	63.8
279	27.7	0.0	64.0

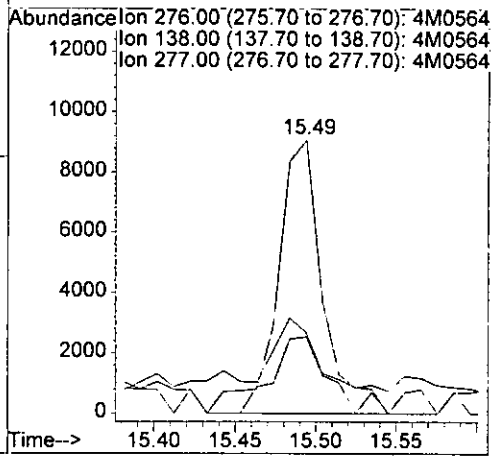




#88
Benzo[g,h,i]perylene
Concen: 15.82 ng
RT: 15.49 min Scan# 1323
Delta R.T. -0.04 min
Lab File: 4M05644.D
Acq: 16 Aug 2005 10:01

Tgt Ion:276 Resp: 17978

Ion	Ratio	Lower	Upper
276	100		
138	21.3	0.0	74.1
277	27.9	0.0	65.0



1817

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-004
Client Id: PCSB-37 (4.0)
Data File: 4M05609.D
Analysis Date: 08/15/05 14:39
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 78

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	205-99-2	Benzo[b]fluoranthene	0.013	U
95-50-1	1,2-Dichlorobenzene	0.020	U	191-24-2	Benzo[g,h,i]perylene	0.0081	U
122-66-7	1,2-Diphenylhydrazine	0.012	U	207-08-9	Benzo[k]fluoranthene	0.014	U
541-73-1	1,3-Dichlorobenzene	0.018	U	111-91-1	bis(2-Chloroethoxy)methan	0.0097	U
106-46-7	1,4-Dichlorobenzene	0.022	U	111-44-4	bis(2-Chloroethyl)ether	0.023	U
95-95-4	2,4,5-Trichlorophenol	0.58	U	108-60-1	bis(2-chloroisopropyl)ether	0.014	U
88-06-2	2,4,6-Trichlorophenol	1.0	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.039	U
120-83-2	2,4-Dichlorophenol	0.069	U	85-68-7	Butylbenzylphthalate	0.017	U
105-67-9	2,4-Dimethylphenol	0.059	U	86-74-8	Carbazole	0.013	U
51-28-5	2,4-Dinitrophenol	0.29	U	218-01-9	Chrysene	0.0088	U
121-14-2	2,4-Dinitrotoluene	0.016	U	**84-74-2**	**Di-n-butylphthalate**	**0.0096**	**0.088**
606-20-2	2,6-Dinitrotoluene	0.018	U	117-84-0	Di-n-octylphthalate	0.010	U
91-58-7	2-Chloronaphthalene	0.012	U	53-70-3	Dibenzo[a,h]anthracene	0.015	U
95-57-8	2-Chlorophenol	0.087	U	132-64-9	Dibenzofuran	0.054	U
91-57-6	2-Methylnaphthalene	0.055	U	84-66-2	Diethylphthalate	0.012	U
95-48-7	2-Methylphenol	0.20	U	131-11-3	Dimethylphthalate	0.0097	U
88-74-4	2-Nitroaniline	0.030	U	206-44-0	Fluoranthene	0.012	U
88-75-5	2-Nitrophenol	0.050	U	86-73-7	Fluorene	0.011	U
106-44-5	3&4-Methylphenol	0.23	U	118-74-1	Hexachlorobenzene	0.020	U
91-94-1	3,3'-Dichlorobenzidine	0.094	U	87-68-3	Hexachlorobutadiene	0.018	U
99-09-2	3-Nitroaniline	0.18	U	77-47-4	Hexachlorocyclopentadiene	0.11	U
534-52-1	4,6-Dinitro-2-methylphenol	0.081	U	67-72-1	Hexachloroethane	0.032	U
101-55-3	4-Bromophenyl-phenylether	0.016	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0059	U
59-50-7	4-Chloro-3-methylphenol	0.11	U	78-59-1	Isophorone	0.013	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.021	U
7005-72-3	4-Chlorophenyl-phenylether	0.020	U	62-75-9	N-Nitrosodimethylamine	0.50	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.020	U
100-02-7	4-Nitrophenol	0.076	U	91-20-3	Naphthalene	0.010	U
83-32-9	Acenaphthene	0.018	U	98-95-3	Nitrobenzene	0.017	U
208-96-8	Acenaphthylene	0.0099	U	87-86-5	Pentachlorophenol	0.053	U
120-12-7	Anthracene	0.011	U	85-01-8	Phenanthrene	0.0098	U
92-87-5	Benzidine	0.097	U	108-95-2	Phenol	0.065	U
56-55-3	Benzo[a]anthracene	0.0075	U	**129-00-0**	**Pyrene**	**0.0099**	**0.056**
50-32-8	Benzo[a]pyrene	0.0098	U				

Worksheet #: 18332

Total Target Concentration 0.144

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\08-15-05\4M05609.D Vial: 22
Acq On : 15 Aug 2005 14:39 Operator: AHD
Sample : AC18893-004 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:05 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

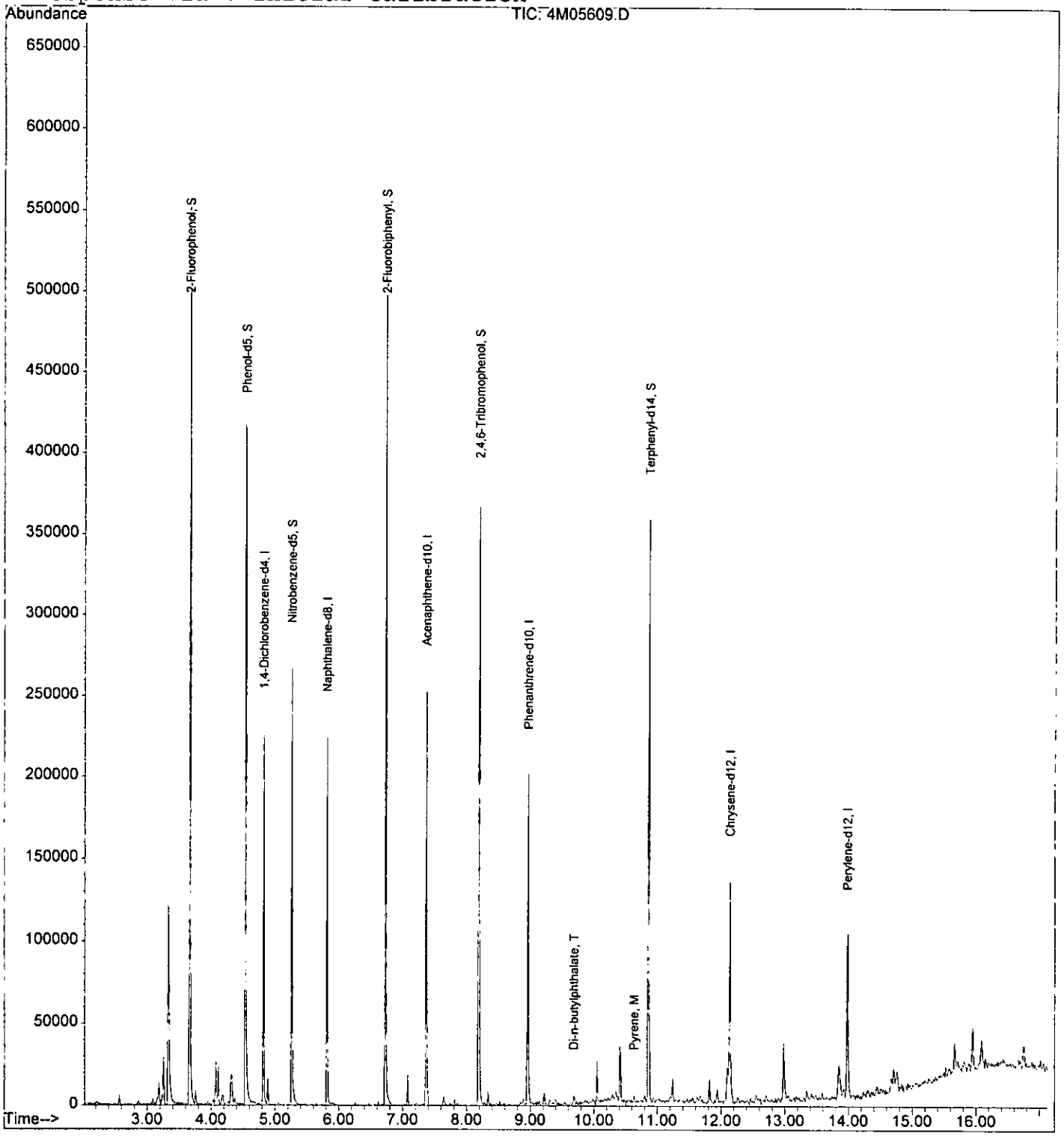
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	28147	40.00	ng	-0.02
19) Naphthalene-d8	5.81	136	88785	40.00	ng	-0.02
35) Acenaphthene-d10	7.36	164	46154	40.00	ng	-0.02
59) Phenanthrene-d10	8.96	188	75601	40.00	ng	-0.02
72) Chrysene-d12	12.14	240	57572	40.00	ng	-0.03
81) Perylene-d12	13.98	264	48124	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.66	112	129089	156.19	ng	-0.02
Spiked Amount 200.000			Recovery = 78.10%			
7) Phenol-d5	4.54	99	166172	149.80	ng	-0.01
Spiked Amount 200.000			Recovery = 74.90%			
20) Nitrobenzene-d5	5.26	128	31964	77.42	ng	-0.02
Spiked Amount 100.000			Recovery = 77.42%			
40) 2-Fluorobiphenyl	6.73	172	136970	93.34	ng	0.00
Spiked Amount 100.000			Recovery = 93.34%			
62) 2,4,6-Tribromophenol	8.19	332	58059	171.69	ng	-0.02
Spiked Amount 200.000			Recovery = 85.85%			
75) Terphenyl-d14	10.86	244	121071	77.98	ng	-0.02
Spiked Amount 100.000			Recovery = 77.98%			
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.68	149	5090	2.06	ng	77
73) Pyrene	10.64	202	2799	1.31	ng	71

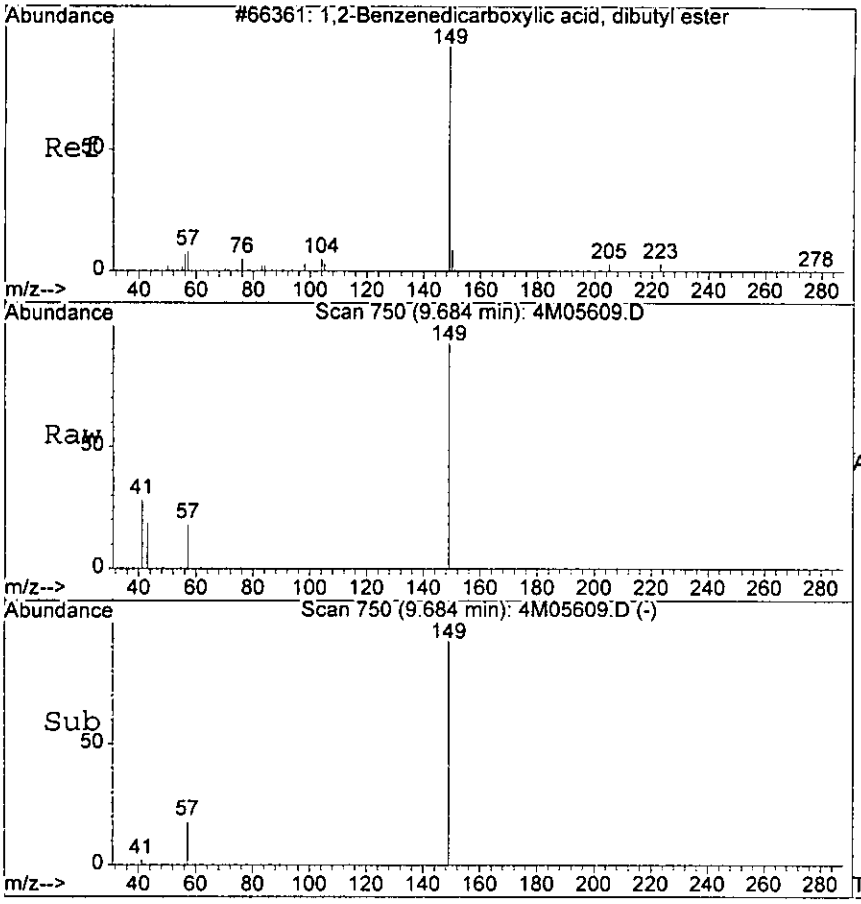
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05609.D Vial: 22
Acq On : 15 Aug 2005 14:39 Operator: AHD
Sample : AC18893-004 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:05 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

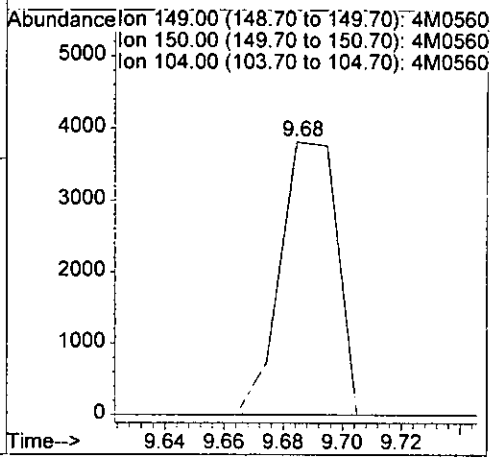


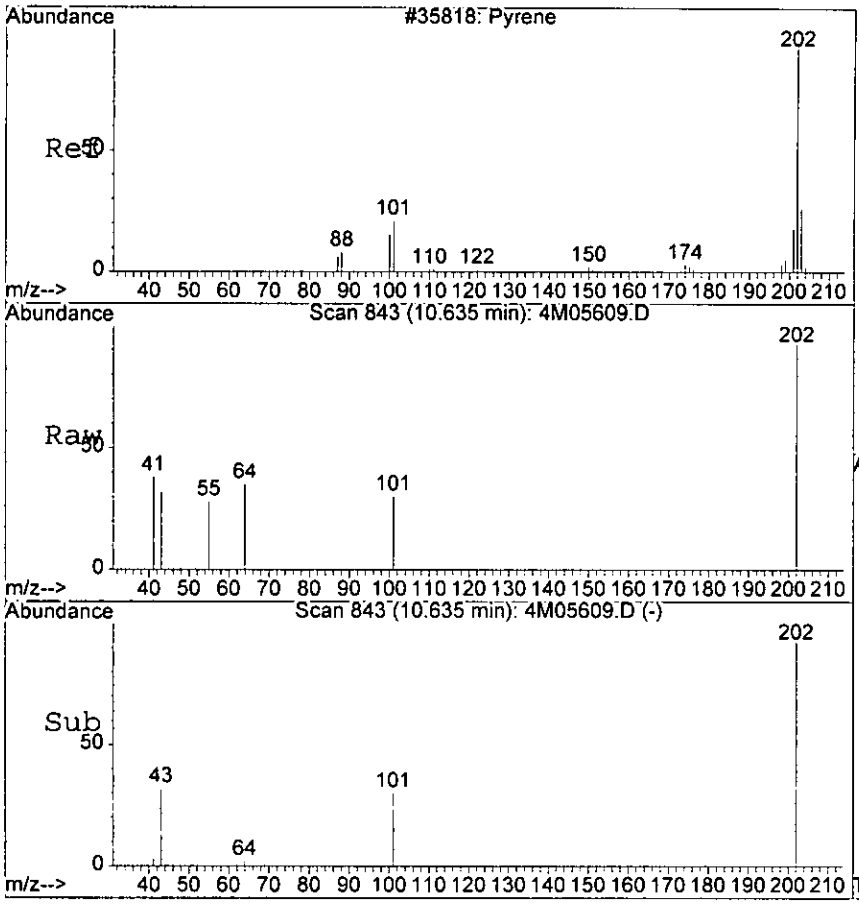


#70
Di-n-butylphthalate
Concen: 2.06 ng
RT: 9.68 min Scan# 750
Delta R.T. -0.03 min
Lab File: 4M05609.D
Acq: 15 Aug 2005 14:39

Tgt Ion:149 Resp: 5090

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

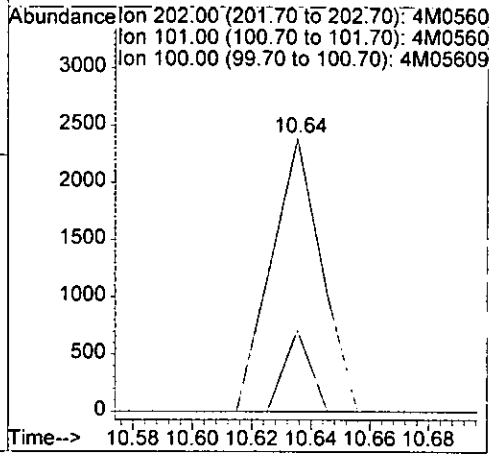




#73
Pyrene
Concen: 1.31 ng
RT: 10.64 min Scan# 843
Delta R.T. -0.02 min
Lab File: 4M05609.D
Acq: 15 Aug 2005 14:39

Tgt Ion:202 Resp: 2799

Ion	Ratio	Lower	Upper
202	100		
101	29.8	0.0	62.7
100	0.0	0.0	60.5



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-005
Client Id: PCSB-37 (10.5)
Data File: 4M05610.D
Analysis Date: 08/15/05 15:03
Date Rec/Extracted: 08/03/05-08/11/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 60

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.015	U	205-99-2	Benzo[b]fluoranthene	0.017	U
95-50-1	1,2-Dichlorobenzene	0.025	U	191-24-2	Benzo[g,h,i]perylene	0.011	U
122-66-7	1,2-Diphenylhydrazine	0.016	U	207-08-9	Benzo[k]fluoranthene	0.018	U
541-73-1	1,3-Dichlorobenzene	0.023	U	111-91-1	bis(2-Chloroethoxy)methan	0.013	U
106-46-7	1,4-Dichlorobenzene	0.028	U	111-44-4	bis(2-Chloroethyl)ether	0.029	U
95-95-4	2,4,5-Trichlorophenol	0.75	U	108-60-1	bis(2-chloroisopropyl)ether	0.018	U
88-06-2	2,4,6-Trichlorophenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.050	U
120-83-2	2,4-Dichlorophenol	0.090	U	85-68-7	Butylbenzylphthalate	0.022	U
105-67-9	2,4-Dimethylphenol	0.077	U	86-74-8	Carbazole	0.016	U
51-28-5	2,4-Dinitrophenol	0.38	U	218-01-9	Chrysene	0.011	U
121-14-2	2,4-Dinitrotoluene	0.021	U	**84-74-2**	**Di-n-butylphthalate**	**0.012**	**0.14**
606-20-2	2,6-Dinitrotoluene	0.023	U	117-84-0	Di-n-octylphthalate	0.013	U
91-58-7	2-Chloronaphthalene	0.015	U	53-70-3	Dibenzo[a,h]anthracene	0.019	U
95-57-8	2-Chlorophenol	0.11	U	132-64-9	Dibenzofuran	0.071	U
91-57-6	2-Methylnaphthalene	0.072	U	84-66-2	Diethylphthalate	0.015	U
95-48-7	2-Methylphenol	0.26	U	131-11-3	Dimethylphthalate	0.013	U
88-74-4	2-Nitroaniline	0.039	U	206-44-0	Fluoranthene	0.016	U
88-75-5	2-Nitrophenol	0.065	U	86-73-7	Fluorene	0.014	U
106-44-5	3&4-Methylphenol	0.29	U	118-74-1	Hexachlorobenzene	0.026	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	87-68-3	Hexachlorobutadiene	0.024	U
99-09-2	3-Nitroaniline	0.23	U	77-47-4	Hexachlorocyclopentadiene	0.15	U
534-52-1	4,6-Dinitro-2-methylphenol	0.11	U	67-72-1	Hexachloroethane	0.041	U
101-55-3	4-Bromophenyl-phenylether	0.021	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.0077	U
59-50-7	4-Chloro-3-methylphenol	0.14	U	78-59-1	Isophorone	0.017	U
106-47-8	4-Chloroaniline	0.43	U	621-64-7	N-Nitroso-di-n-propylamine	0.027	U
7005-72-3	4-Chlorophenyl-phenylether	0.026	U	62-75-9	N-Nitrosodimethylamine	0.66	U
100-01-6	4-Nitroaniline	0.14	U	86-30-6	n-Nitrosodiphenylamine	0.026	U
100-02-7	4-Nitrophenol	0.099	U	91-20-3	Naphthalene	0.013	U
83-32-9	Acenaphthene	0.023	U	98-95-3	Nitrobenzene	0.022	U
208-96-8	Acenaphthylene	0.013	U	87-86-5	Pentachlorophenol	0.069	U
120-12-7	Anthracene	0.015	U	85-01-8	Phenanthrene	0.013	U
92-87-5	Benzidine	0.13	U	108-95-2	Phenol	0.085	U
56-55-3	Benzo[a]anthracene	0.0097	U	129-00-0	Pyrene	0.013	U
50-32-8	**Benzo[a]pyrene**	**0.013**	**0.093**				

Worksheet #: 18332

Total Target Concentration 0.233

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\08-15-05\4M05610.D Vial: 23
Acq On : 15 Aug 2005 15:03 Operator: AHD
Sample : AC18893-005 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:05 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

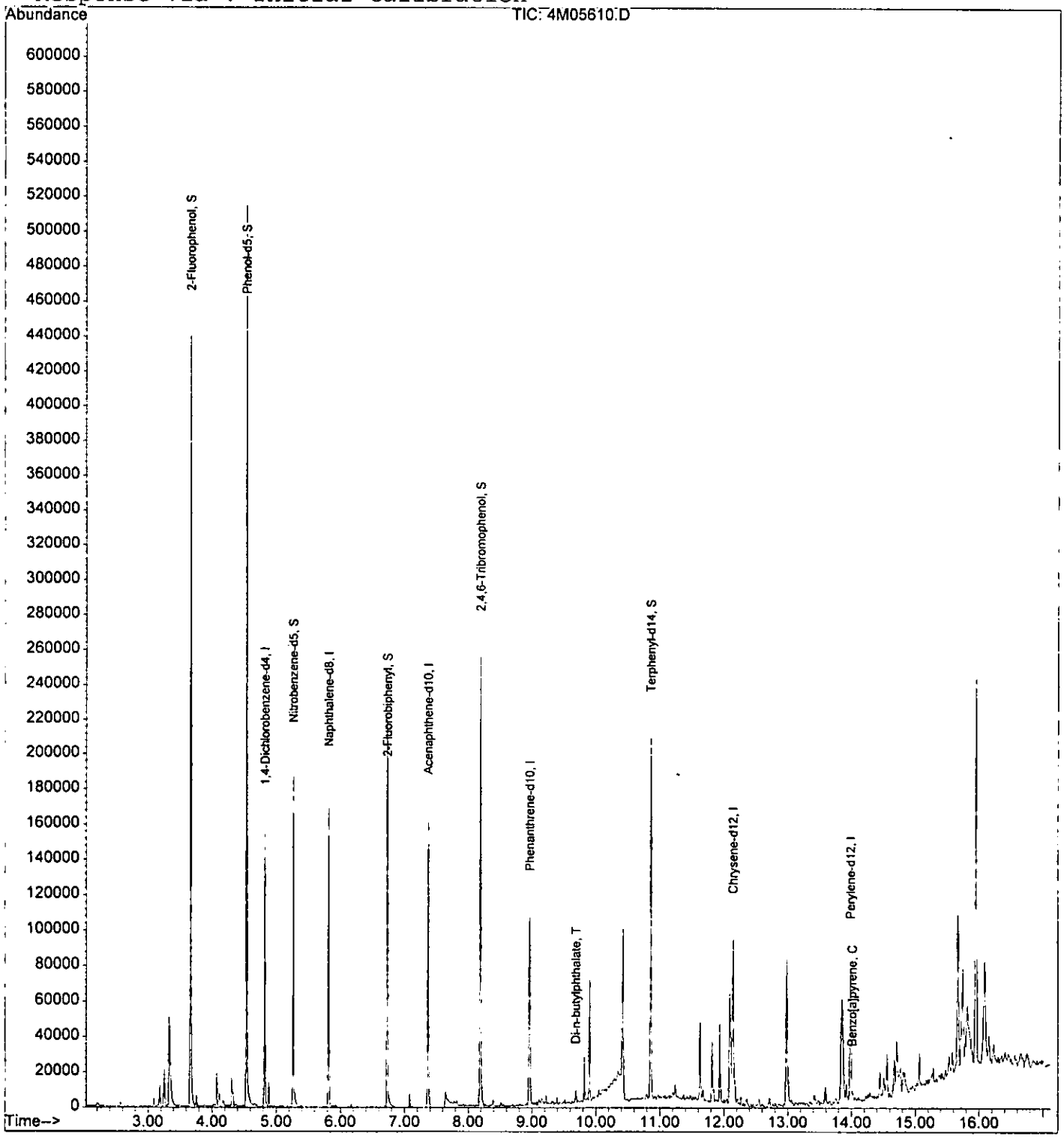
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	20209	40.00	ng	-0.02
19) Naphthalene-d8	5.81	136	65876	40.00	ng	-0.02
35) Acenaphthene-d10	7.37	164	33512	40.00	ng	-0.02
59) Phenanthrene-d10	8.96	188	53883	40.00	ng	-0.02
72) Chrysene-d12	12.14	240	40484	40.00	ng	-0.03
81) Perylene-d12	13.98	264	33868	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.67	112	87633	147.68	ng	-0.02
Spiked Amount 200.000			Recovery = 73.84%			
7) Phenol-d5	4.54	99	119959	150.62	ng	-0.02
Spiked Amount 200.000			Recovery = 75.31%			
20) Nitrobenzene-d5	5.26	128	23043	75.22	ng	-0.02
Spiked Amount 100.000			Recovery = 75.22%			
40) 2-Fluorobiphenyl	6.73	172	86901	81.56	ng	0.00
Spiked Amount 100.000			Recovery = 81.56%			
62) 2,4,6-Tribromophenol	8.19	332	39774	165.03	ng	-0.03
Spiked Amount 200.000			Recovery = 82.52%			
75) Terphenyl-d14	10.85	244	77432	70.93	ng	-0.03
Spiked Amount 100.000			Recovery = 70.93%			
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.69	149	4526	2.58	ng	88
85) Benzo[a]pyrene	14.01	252	1890	1.67	ng	56

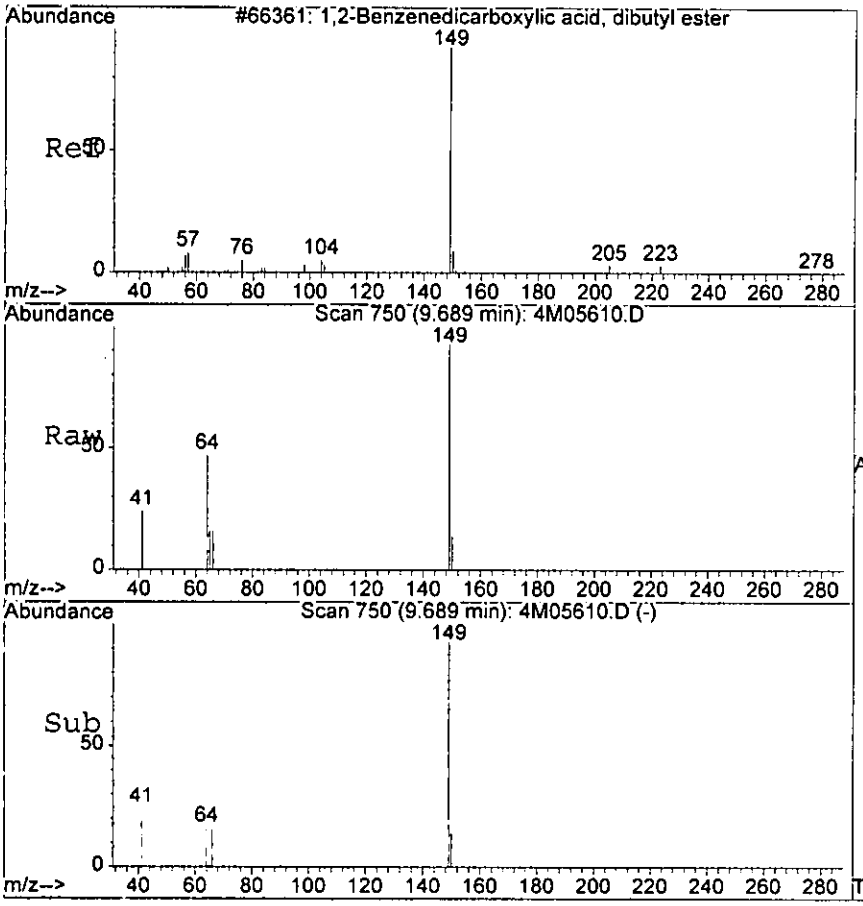
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-15-05\4M05610.D Vial: 23
Acq On : 15 Aug 2005 15:03 Operator: AHD
Sample : AC18893-005 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:05 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

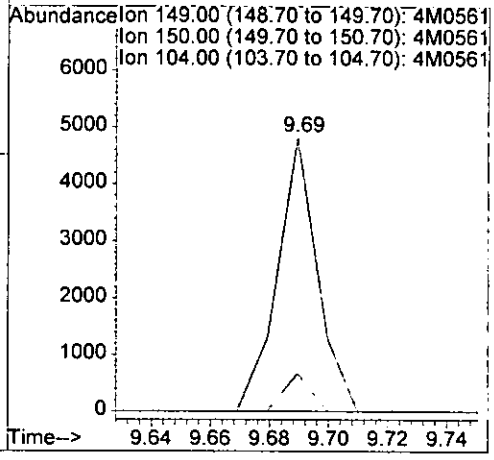


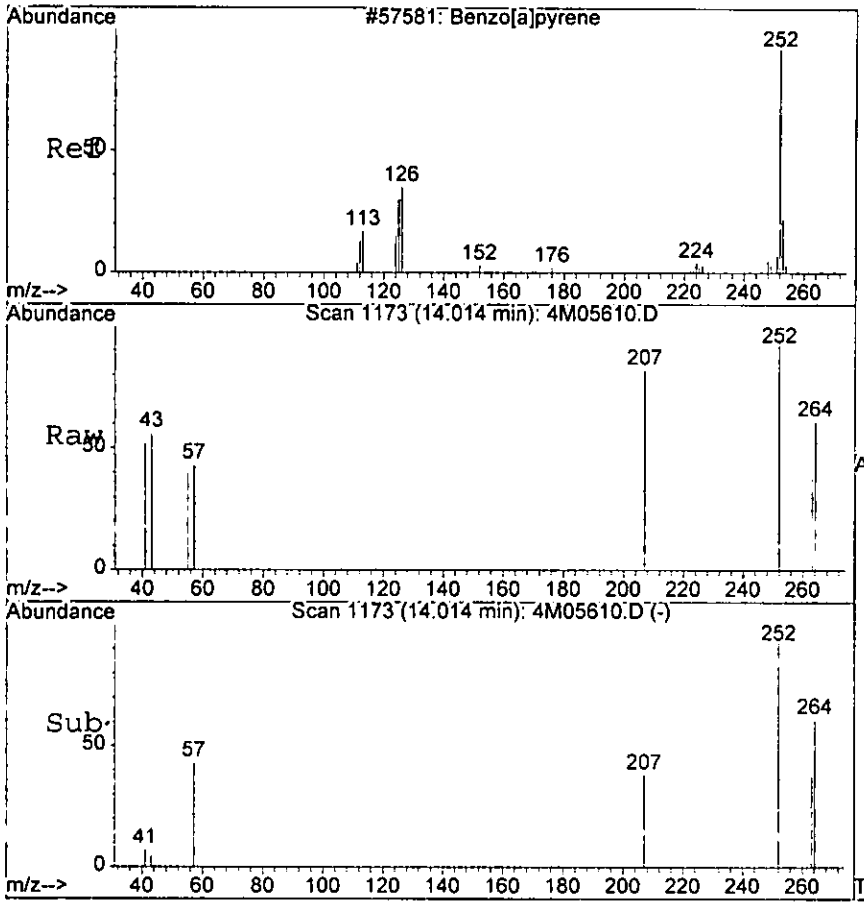


#70
Di-n-butylphthalate
Concen: 2.58 ng
RT: 9.69 min Scan# 750
Delta R.T. -0.03 min
Lab File: 4M05610.D
Acq: 15 Aug 2005 15:03

Tgt Ion:149 Resp: 4526

Ion	Ratio	Lower	Upper
149	100		
150	13.8	0.0	49.8
104	0.0	0.0	44.6

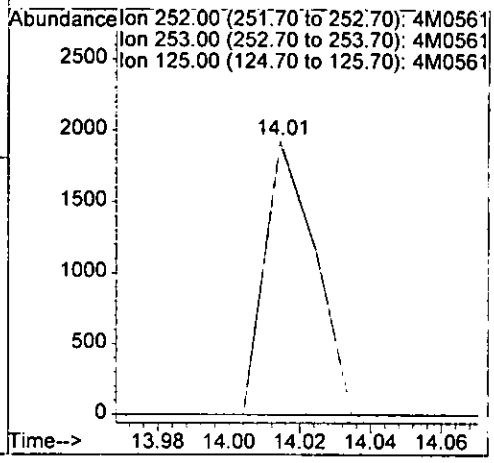




#85
Benzo[a]pyrene
Concen: 1.67 ng
RT: 14.01 min Scan# 1173
Delta R.T. 0.07 min
Lab File: 4M05610.D
Acq: 15 Aug 2005 15:03

Tgt Ion:252 Resp: 1890

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



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-006(3X)
Client Id: PCSB-54 (0.5)
Data File: 4M05657.D
Analysis Date: 08/16/05 15:37
Date Rec/Extracted: 08/03/05-08/14/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.032	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.035**	**5.8**
95-50-1	1,2-Dichlorobenzene	0.054	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.022**	**2.7**
122-66-7	1,2-Diphenylhydrazine	0.034	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.038**	**1.6**
541-73-1	1,3-Dichlorobenzene	0.049	U	111-91-1	bis(2-Chloroethoxy)methan	0.027	U
106-46-7	1,4-Dichlorobenzene	0.060	U	111-44-4	bis(2-Chloroethyl)ether	0.062	U
95-95-4	2,4,5-Trichlorophenol	1.6	U	108-60-1	bis(2-chloroisopropyl)ether	0.038	U
88-06-2	2,4,6-Trichlorophenol	2.9	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.11**	**1.1**
120-83-2	2,4-Dichlorophenol	0.19	U	**85-68-7**	**Butylbenzylphthalate**	**0.047**	**0.31**
105-67-9	2,4-Dimethylphenol	0.16	U	**86-74-8**	**Carbazole**	**0.035**	**0.52**
51-28-5	2,4-Dinitrophenol	0.80	U	**218-01-9**	**Chrysene**	**0.024**	**4.5**
121-14-2	2,4-Dinitrotoluene	0.044	U	**84-74-2**	**Di-n-butylphthalate**	**0.026**	**0.19 B**
606-20-2	2,6-Dinitrotoluene	0.049	U	117-84-0	Di-n-octylphthalate	0.028	U
91-58-7	2-Chloronaphthalene	0.033	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.041**	**1.1**
95-57-8	2-Chlorophenol	0.24	U	**132-64-9**	**Dibenzofuran**	**0.15**	**0.81**
91-57-6	**2-Methylnaphthalene**	**0.15**	**1.3**	84-66-2	Diethylphthalate	0.032	U
95-48-7	2-Methylphenol	0.56	U	131-11-3	Dimethylphthalate	0.027	U
88-74-4	2-Nitroaniline	0.083	U	**206-44-0**	**Fluoranthene**	**0.034**	**9.4**
88-75-5	2-Nitrophenol	0.14	U	**86-73-7**	**Fluorene**	**0.030**	**0.78**
106-44-5	3&4-Methylphenol	0.62	U	118-74-1	Hexachlorobenzene	0.055	U
91-94-1	3,3'-Dichlorobenzidine	0.26	U	87-68-3	Hexachlorobutadiene	0.050	U
99-09-2	3-Nitroaniline	0.49	U	77-47-4	Hexachlorocyclopentadiene	0.31	U
534-52-1	4,6-Dinitro-2-methylphenol	0.22	U	67-72-1	Hexachloroethane	0.088	U
101-55-3	4-Bromophenyl-phenylether	0.045	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.016**	**2.5**
59-50-7	4-Chloro-3-methylphenol	0.30	U	78-59-1	Isophorone	0.036	U
106-47-8	4-Chloroaniline	0.91	U	621-64-7	N-Nitroso-di-n-propylamine	0.057	U
7005-72-3	4-Chlorophenyl-phenylether	0.054	U	62-75-9	N-Nitrosodimethylamine	1.4	U
100-01-6	4-Nitroaniline	0.29	U	86-30-6	n-Nitrosodiphenylamine	0.056	U
100-02-7	4-Nitrophenol	0.21	U	**91-20-3**	**Naphthalene**	**0.028**	**1.3**
83-32-9	**Acenaphthene**	**0.049**	**0.28**	98-95-3	Nitrobenzene	0.047	U
208-96-8	**Acenaphthylene**	**0.027**	**0.61**	87-86-5	Pentachlorophenol	0.15	U
120-12-7	**Anthracene**	**0.031**	**1.5**	**85-01-8**	**Phenanthrene**	**0.027**	**7.3**
92-87-5	Benzidine	0.27	U	108-95-2	Phenol	0.18	U
56-55-3	**Benzo[a]anthracene**	**0.021**	**4.9**	**129-00-0**	**Pyrene**	**0.027**	**7.6**
50-32-8	**Benzo[a]pyrene**	**0.027**	**3.6**				

Worksheet #: 18332

Total Target Concentration 59.7

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\08-16-05\4M05657.D Vial: 6
Acq On : 16 Aug 2005 15:37 Operator: AHD
Sample : AC18893-006(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:06 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	44837	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	131372	40.00	ng	-0.03
35) Acenaphthene-d10	7.36	164	62821	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	83820	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	56757	40.00	ng	-0.04
81) Perylene-d12	13.97	264	45380	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	39833	30.25	ng	-0.03
Spiked Amount 200.000			Recovery = 15.13%			
7) Phenol-d5	4.53	99	52224	29.55	ng	-0.02
Spiked Amount 200.000			Recovery = 14.78%			
20) Nitrobenzene-d5	5.25	128	8645	14.15	ng	-0.03
Spiked Amount 100.000			Recovery = 14.15%			
40) 2-Fluorobiphenyl	6.71	172	39418	19.73	ng	-0.03
Spiked Amount 100.000			Recovery = 19.73%			
62) 2,4,6-Tribromophenol	8.18	332	13054	34.82	ng	-0.03
Spiked Amount 200.000			Recovery = 17.41%			
75) Terphenyl-d14	10.84	244	26915	17.59	ng	-0.04
Spiked Amount 100.000			Recovery = 17.59%			
Target Compounds						Qvalue
29) Naphthalene	5.81	128	34165	10.96	ng	96
33) 2-Methylnaphthalene	6.39	142	23128	10.84	ng	98
46) Acenaphthylene	7.21	152	14154	5.20	ng	94
49) Acenaphthene	7.39	153	4046	2.34	ng	98
52) Dibenzofuran	7.56	168	16936	6.85	ng	96
55) Fluorene	7.92	166	12189	6.60	ng	97
67) Phenanthrene	8.97	178	128762	62.01	ng	98
68) Anthracene	9.03	178	27507	12.76	ng	97
69) Carbazole	9.24	167	8881	4.43	ng	97
70) Di-n-butylphthalate	9.68	149	4515	1.65	ng	72
71) Fluoranthene	10.36	202	174941	80.23	ng	86
73) Pyrene	10.62	202	136439	64.88	ng	99
76) Butylbenzylphthalate	11.48	149	2691	2.62	ng	72
78) Benzo[a]anthracene	12.12	228	72935	41.45	ng	97
79) Chrysene	12.16	228	60338	38.09	ng	99
80) bis(2-Ethylhexyl)phthalate	12.25	149	12503	9.34	ng	90
83) Benzo[b]fluoranthene	13.51	252	89459m	49.31	ng	
84) Benzo[k]fluoranthene	13.54	252	21009m	13.27	ng	
85) Benzo[a]pyrene	13.91	252	46700	30.79	ng	97

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

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05657.D Vial: 6
Acq On : 16 Aug 2005 15:37 Operator: AHD
Sample : AC18893-006(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:06 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

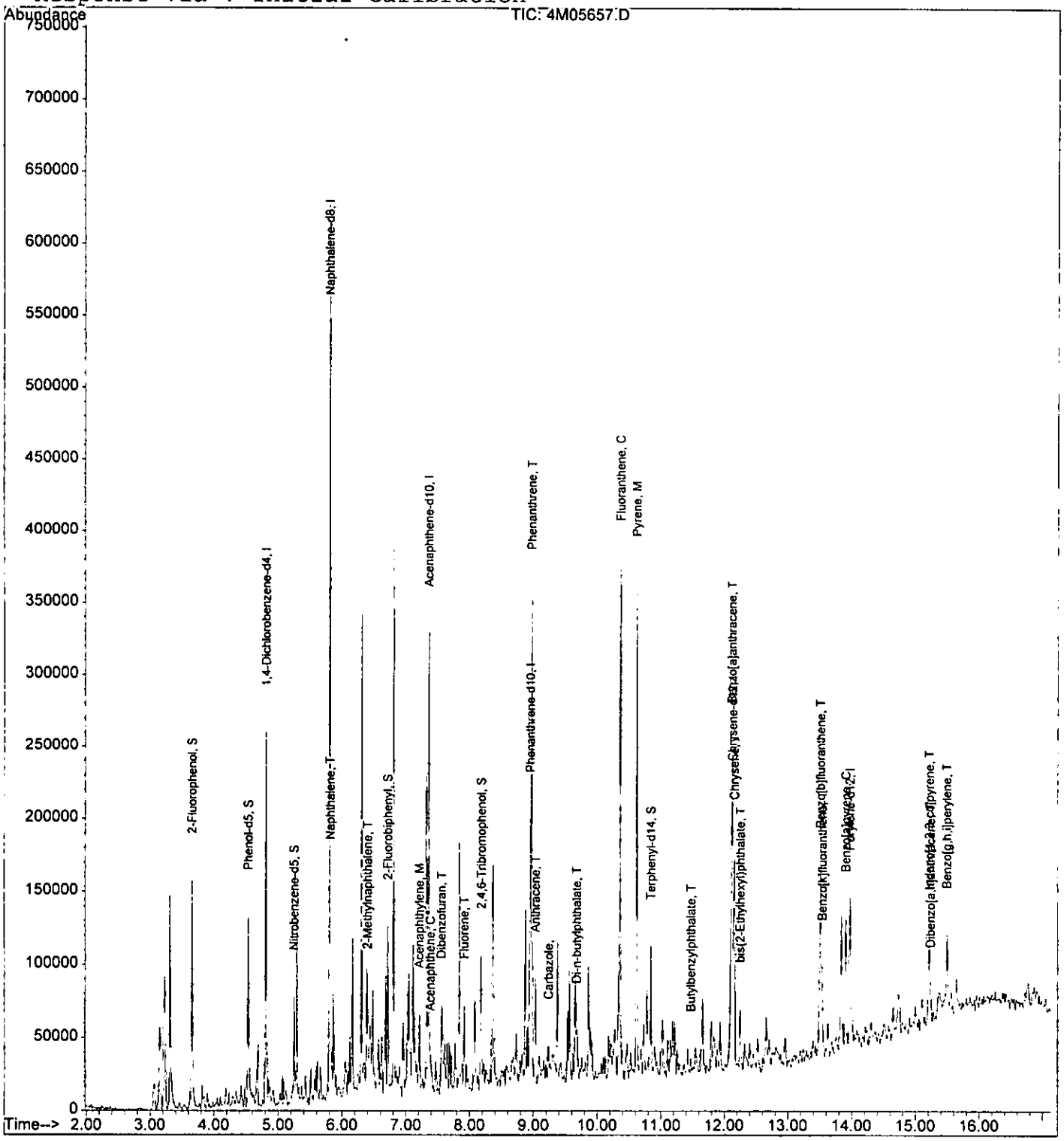
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86) Indeno[1,2,3-cd]pyrene	15.22	276	33921	21.34	ng	82
87) Dibenzo[a,h]anthracene	15.24	278	11888	9.18	ng	86
88) Benzo[g,h,i]perylene	15.49	276	29495	23.22	ng	95

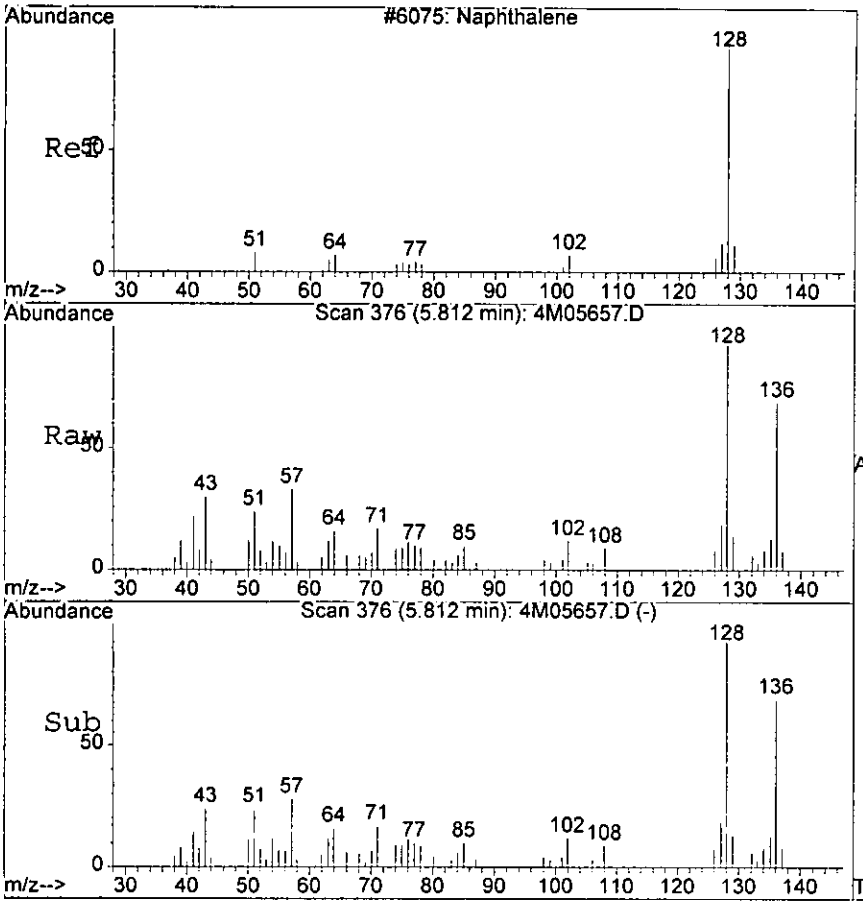
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-16-05\4M05657.D Vial: 6
Acq On : 16 Aug 2005 15:37 Operator: AHD
Sample : AC18893-006(3X) Inst : GCMS_4
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:06 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

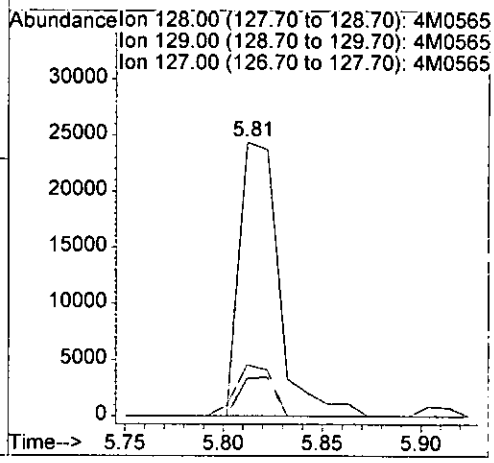


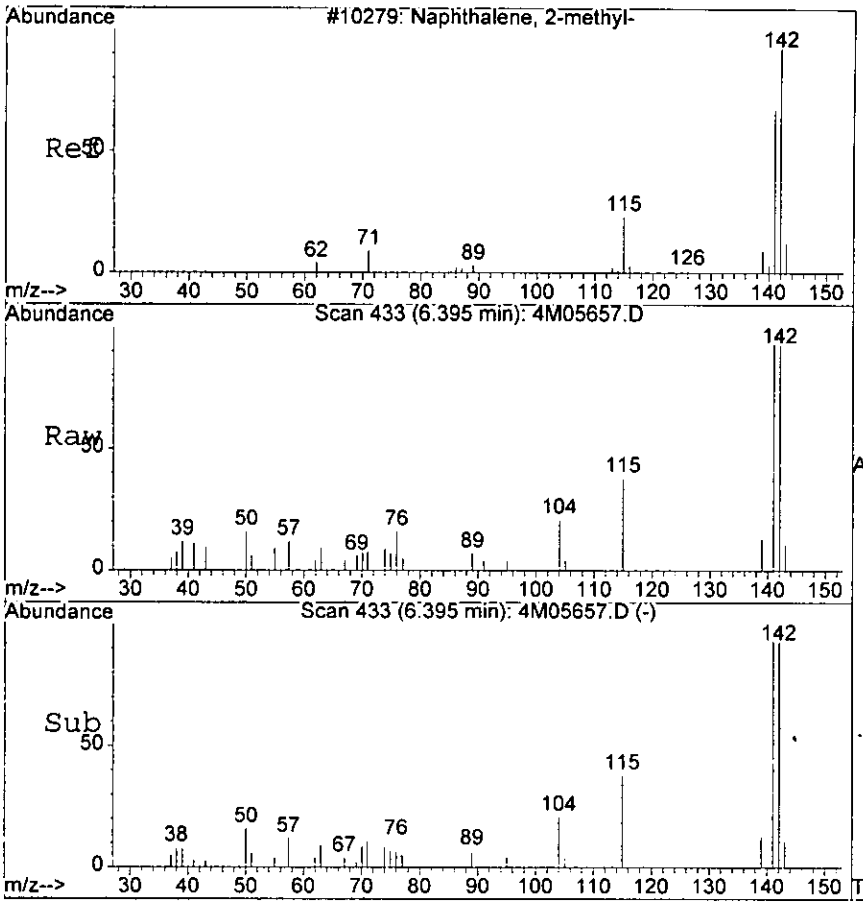


#29
Naphthalene
Concen: 10.96 ng
RT: 5.81 min Scan# 376
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:128 Resp: 34165

Ion	Ratio	Lower	Upper
128	100		
129	13.7	0.0	51.8
127	18.6	0.0	57.0

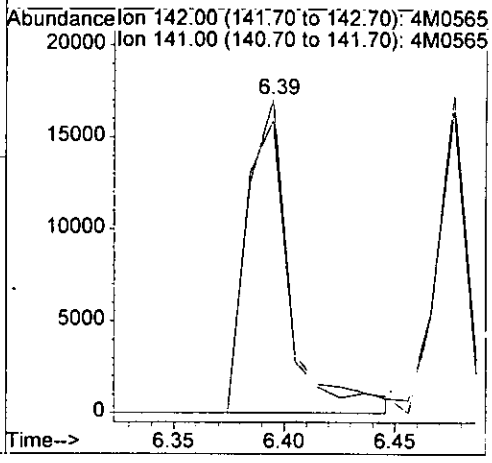


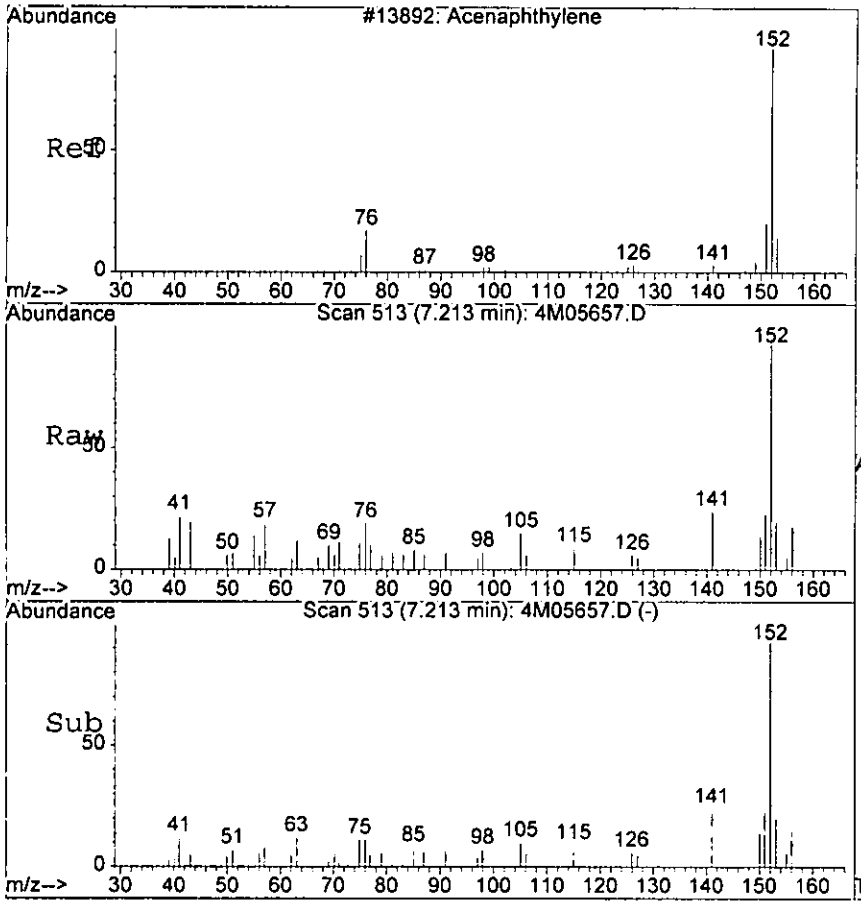


#33
2-Methylnaphthalene
Concen: 10.84 ng
RT: 6.39 min Scan# 433
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:142 Resp: 23128

Ion	Ratio	Lower	Upper
142	100		
141	93.4	55.7	135.7

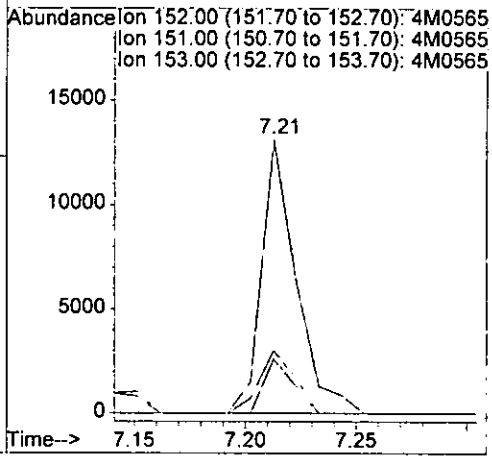


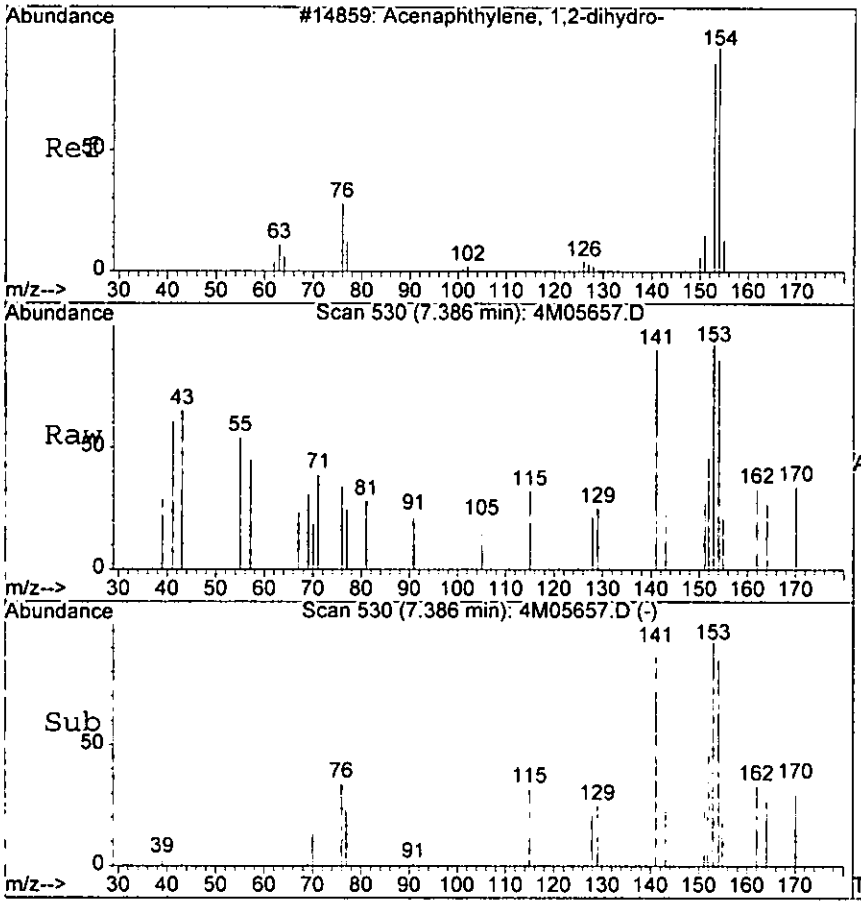


#46
Acenaphthylene
Concen: 5.20 ng
RT: 7.21 min Scan# 513
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:152 Resp: 14154

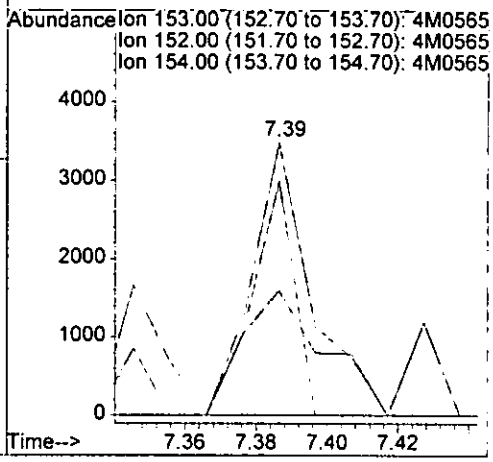
Ion	Ratio	Lower	Upper
152	100		
151	22.9	0.0	63.6
153	19.9	0.0	53.8



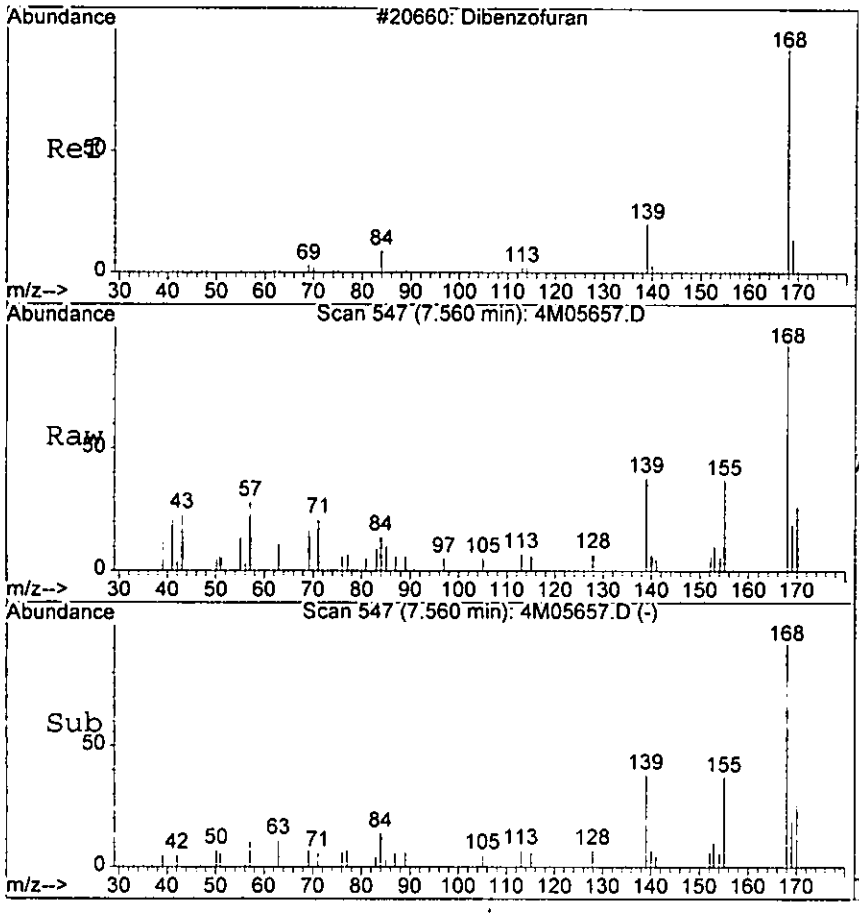


#49
Acenaphthene
Concen: 2.34 ng
RT: 7.39 min Scan# 530
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:153	Resp:	4046	
Ion	Ratio	Lower	Upper
153	100		
152	45.9	8.3	88.3
154	85.9	45.1	125.1



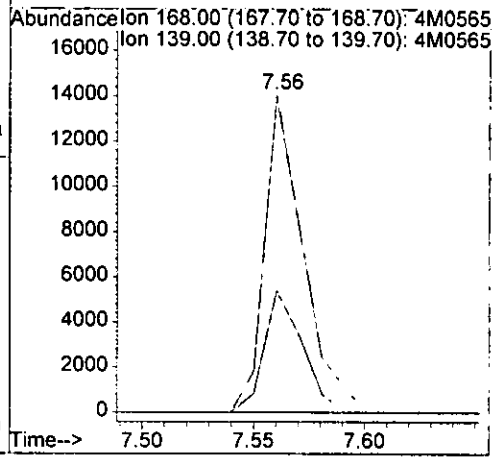
K817V

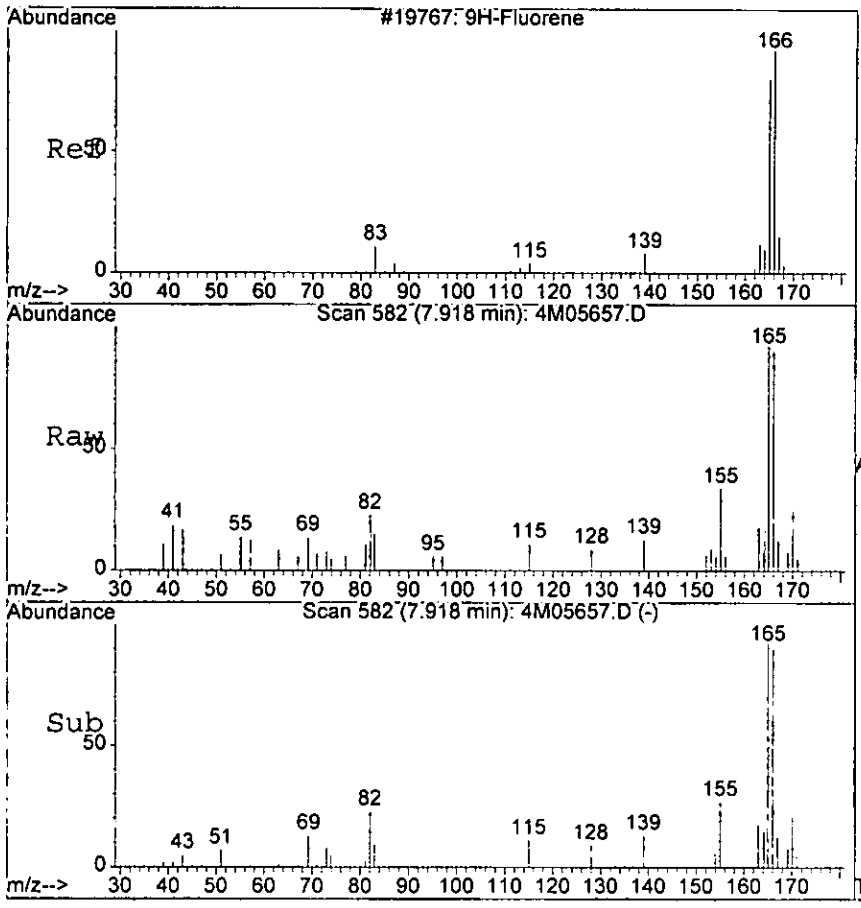


#52
Dibenzofuran
Concen: 6.85 ng
RT: 7.56 min Scan# 547
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:168 Resp: 16936

Ion	Ratio	Lower	Upper
168	100		
139	38.4	6.0	66.0

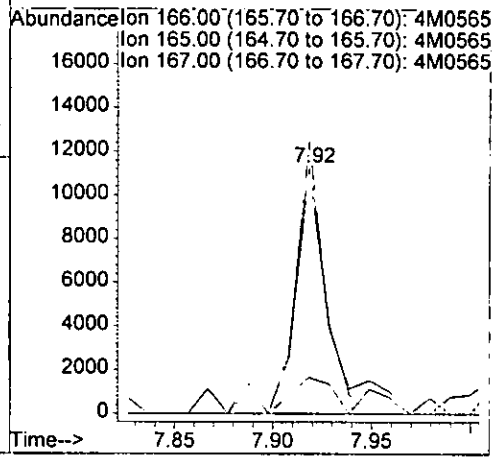


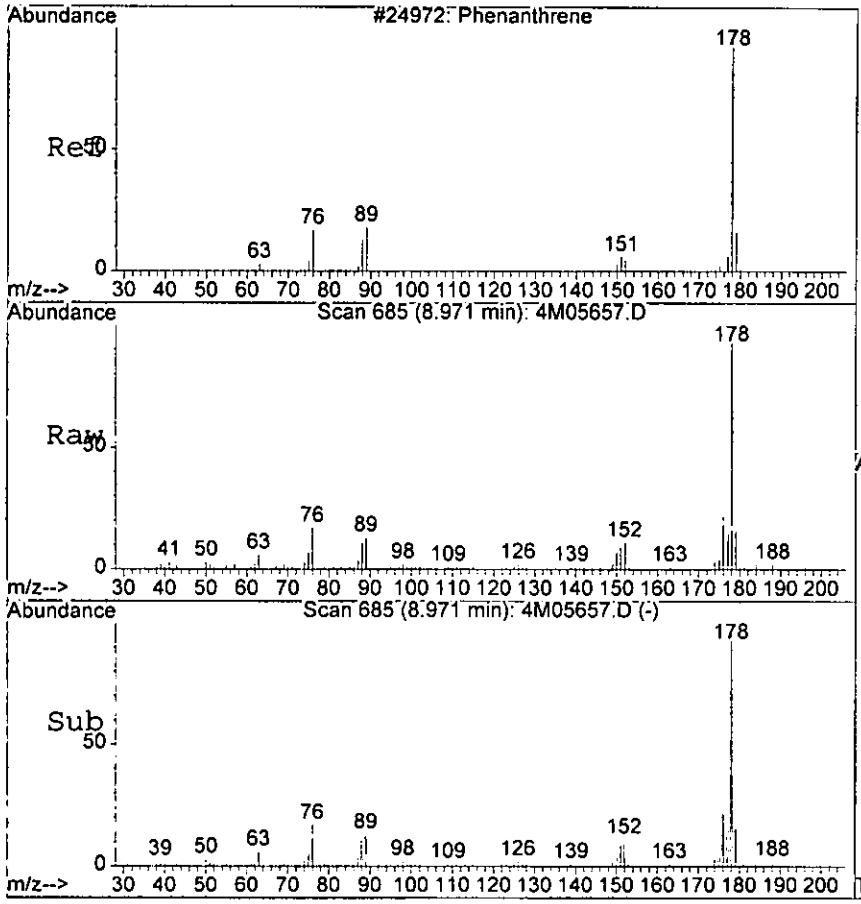


#55
Fluorene
Concen: 6.60 ng
RT: 7.92 min Scan# 582
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:166 Resp: 12189

Ion	Ratio	Lower	Upper
166	100		
165	102.3	63.3	143.3
167	8.0	0.0	54.6

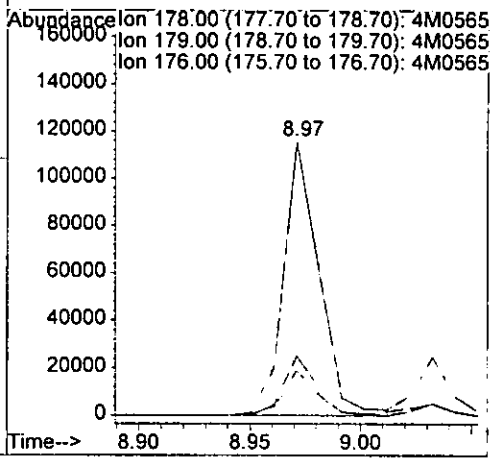


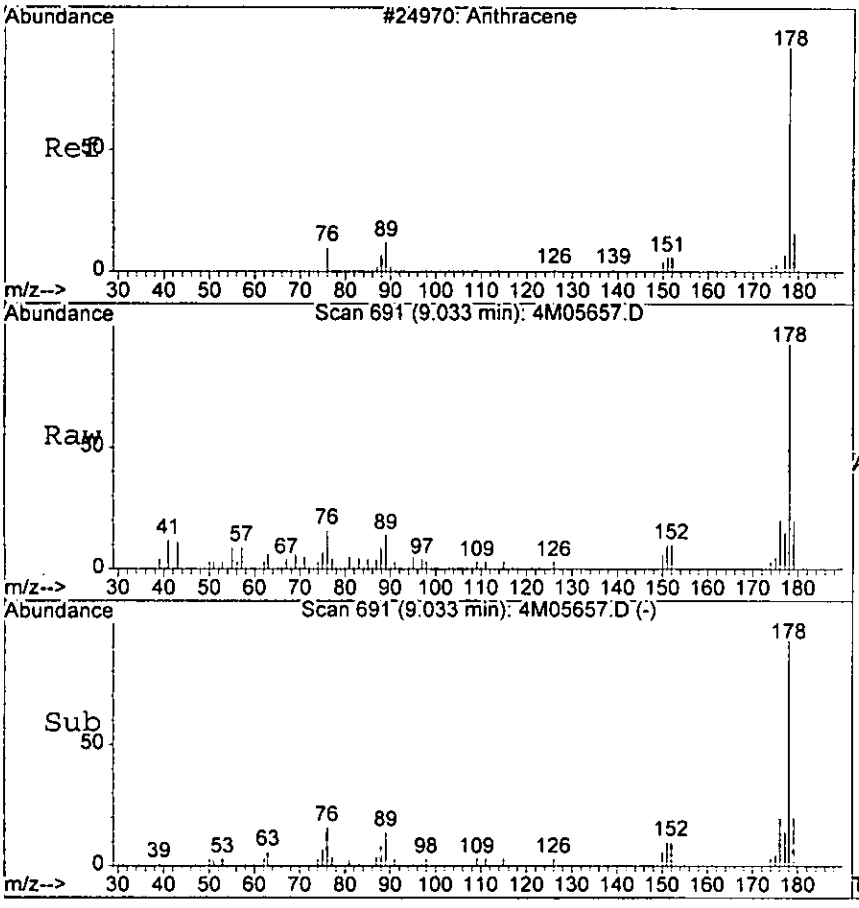


#67
Phenanthrene
Concen: 62.01 ng
RT: 8.97 min Scan# 685
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:178 Resp: 128762

Ion	Ratio	Lower	Upper
178	100		
179	16.4	0.0	56.6
176	21.6	0.0	60.5

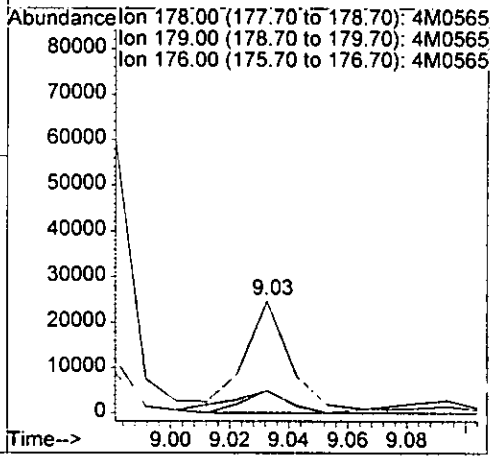


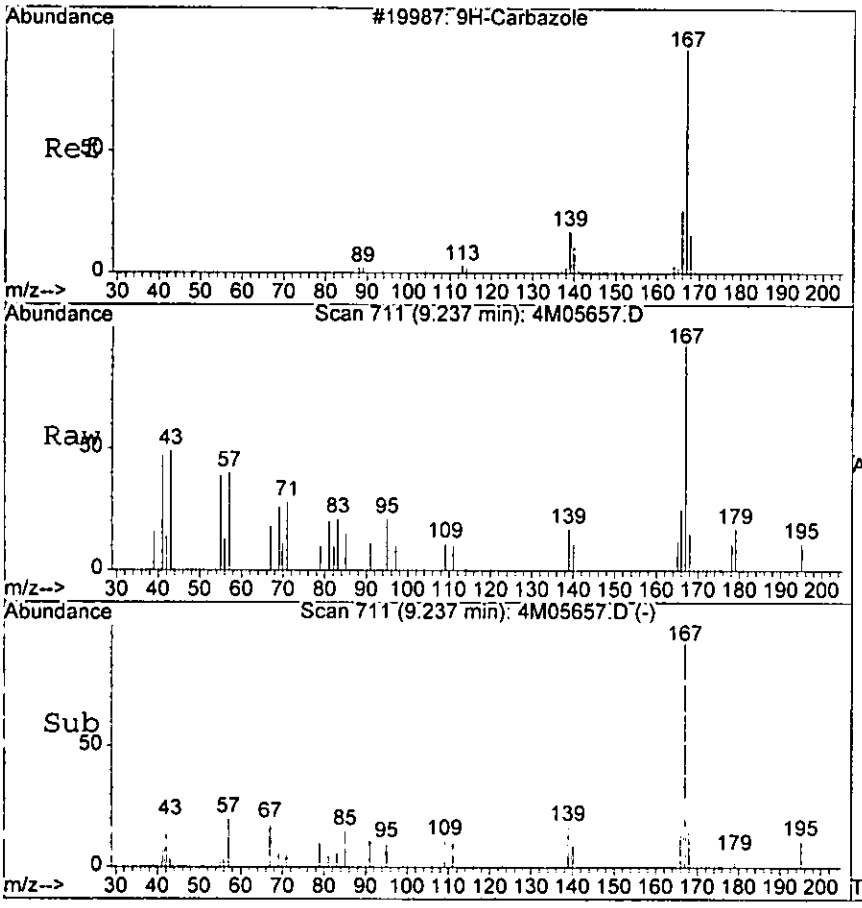


#68
Anthracene
Concen: 12.76 ng
RT: 9.03 min Scan# 691
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:178 Resp: 27507

Ion	Ratio	Lower	Upper
178	100		
179	14.8	0.0	56.6
176	20.9	0.0	60.2

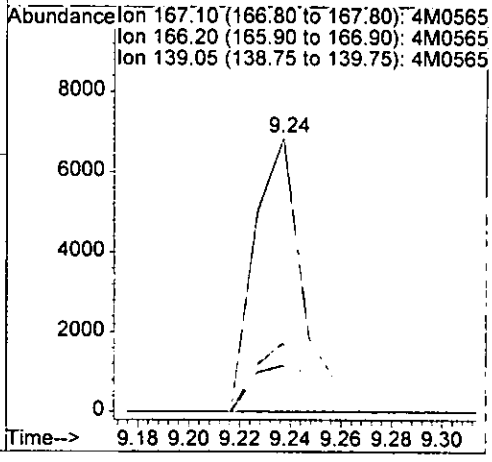


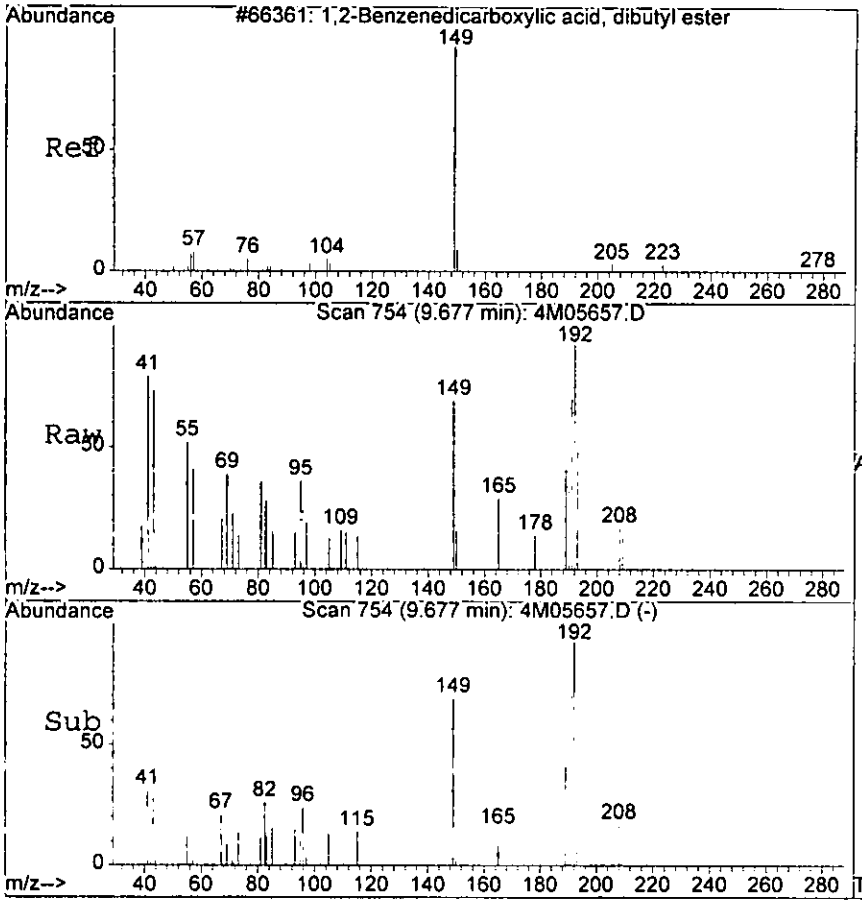


#69
Carbazole
Concen: 4.43 ng
RT: 9.24 min Scan# 711
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:167 Resp: 8881

Ion	Ratio	Lower	Upper
167	100		
166	25.3	4.9	44.9
139	17.0	0.0	33.9

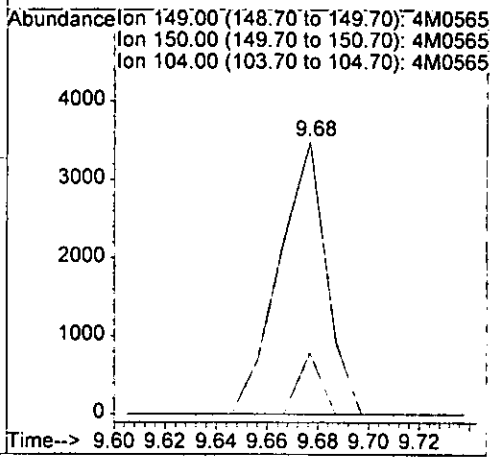


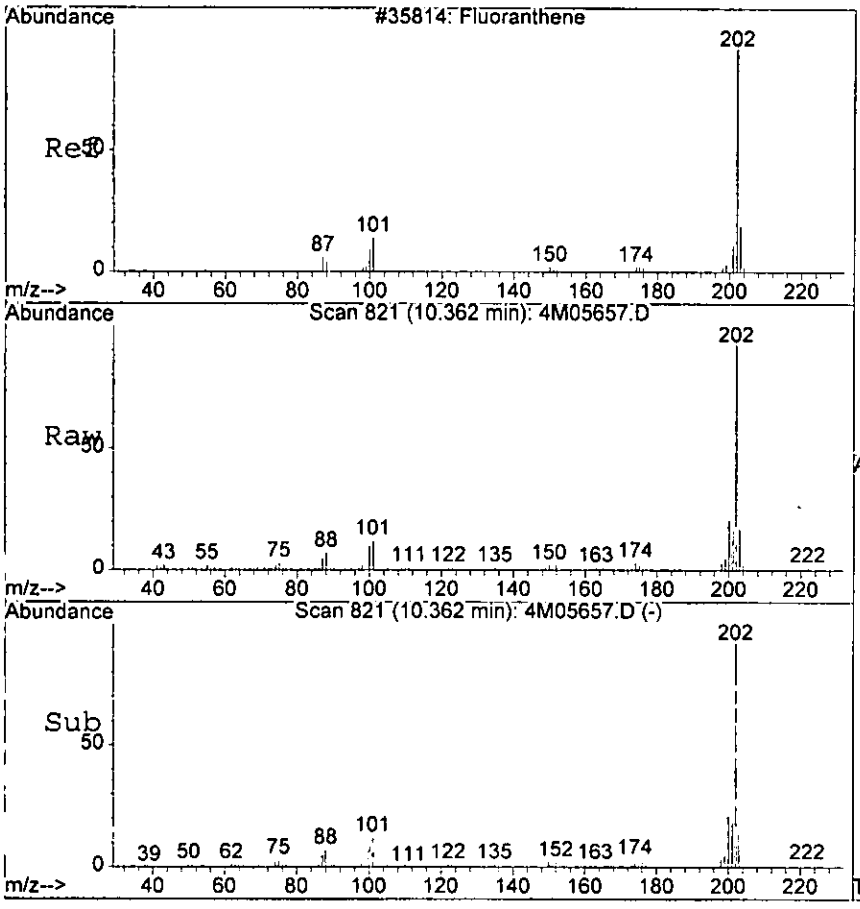


#70
Di-n-butylphthalate
Concen: 1.65 ng
RT: 9.68 min Scan# 754
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:149 Resp: 4515

Ion	Ratio	Lower	Upper
149	100		
150	22.6	0.0	49.8
104	0.0	0.0	44.6

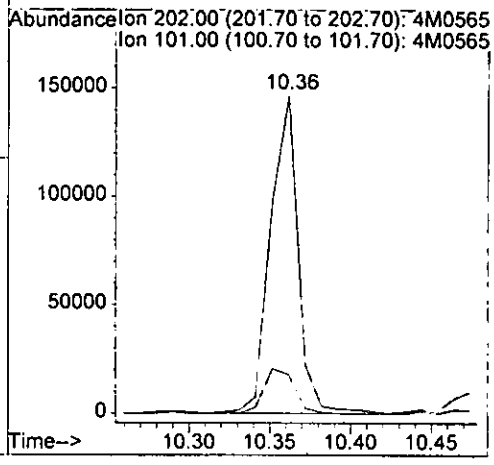


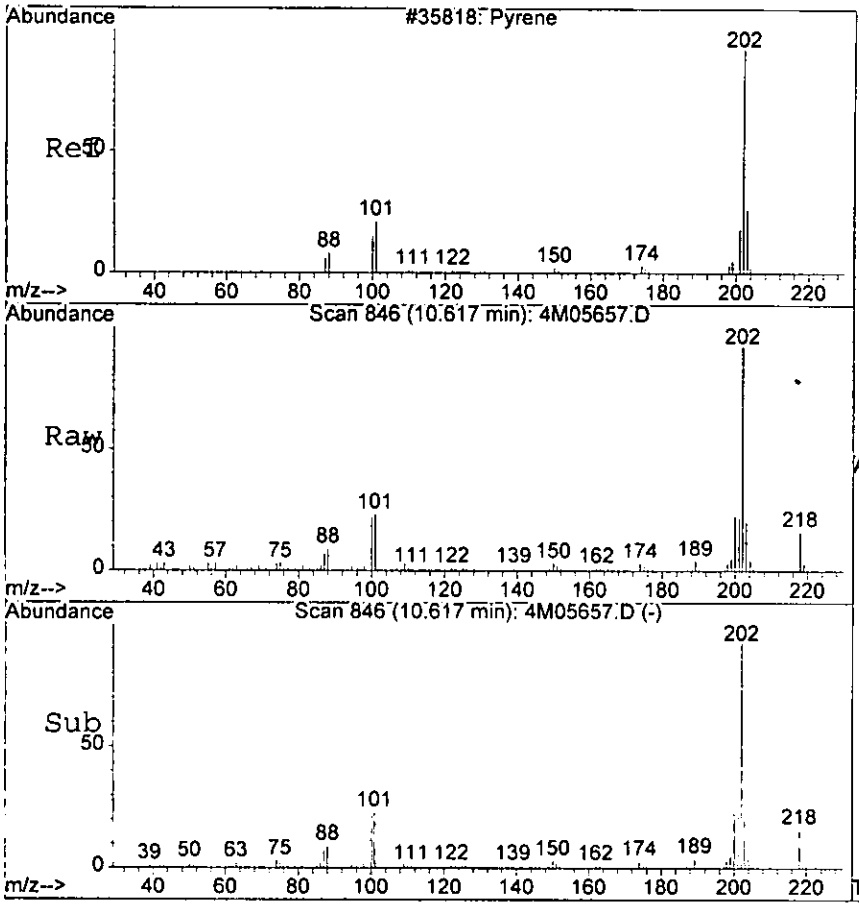


#71
Fluoranthene
Concen: 80.23 ng
RT: 10.36 min Scan# 821
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:202 Resp: 174941

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	58.3

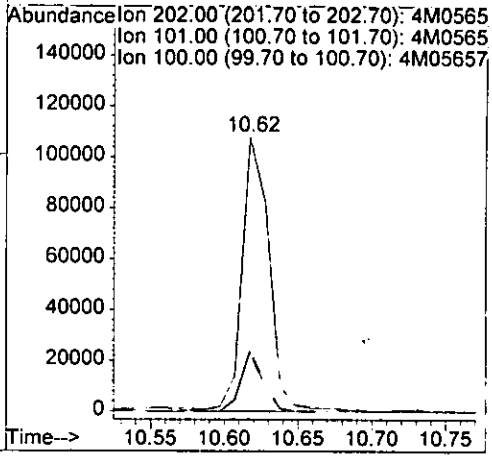


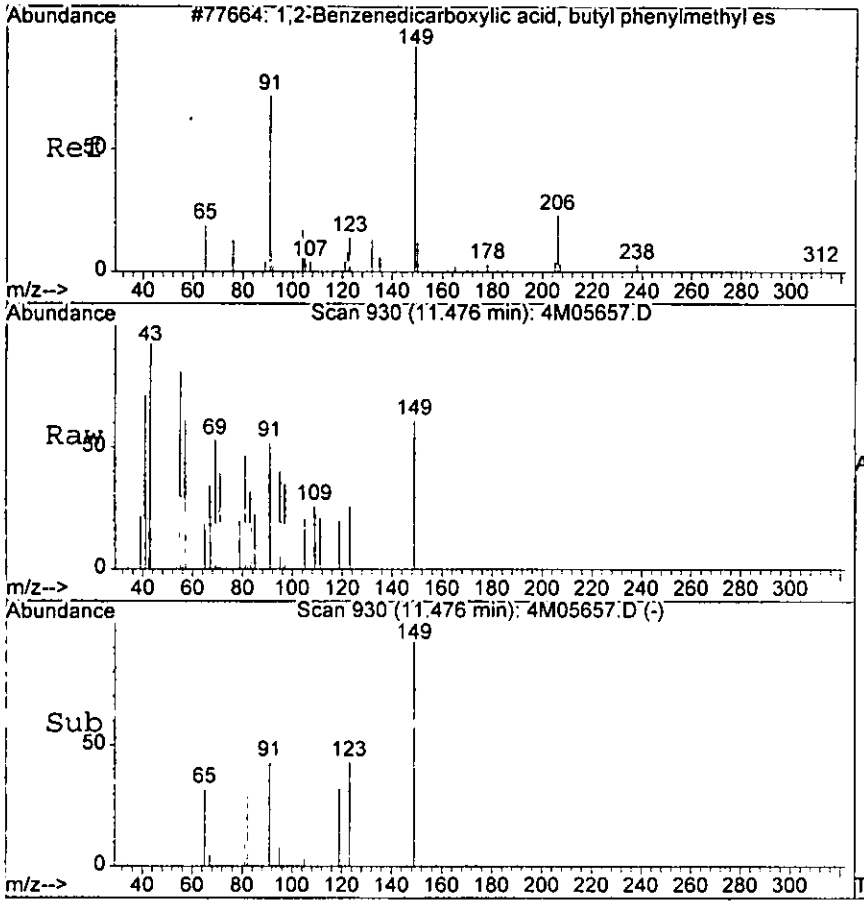


#73
Pyrene
Concen: 64.88 ng
RT: 10.62 min Scan# 846
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:202 Resp: 136439

Ion	Ratio	Lower	Upper
202	100		
101	22.6	0.0	62.7
100	21.8	0.0	60.5

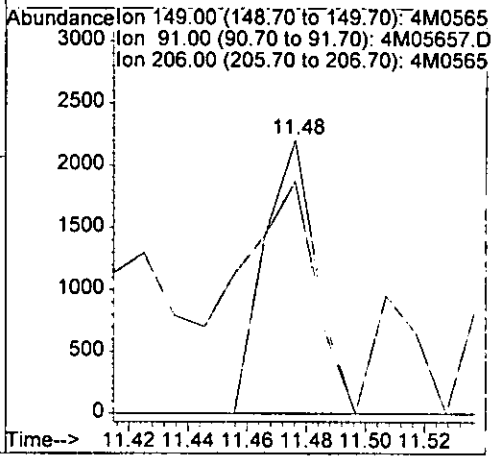




#76
Butylbenzylphthalate
Concen: 2.62 ng
RT: 11.48 min Scan# 930
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

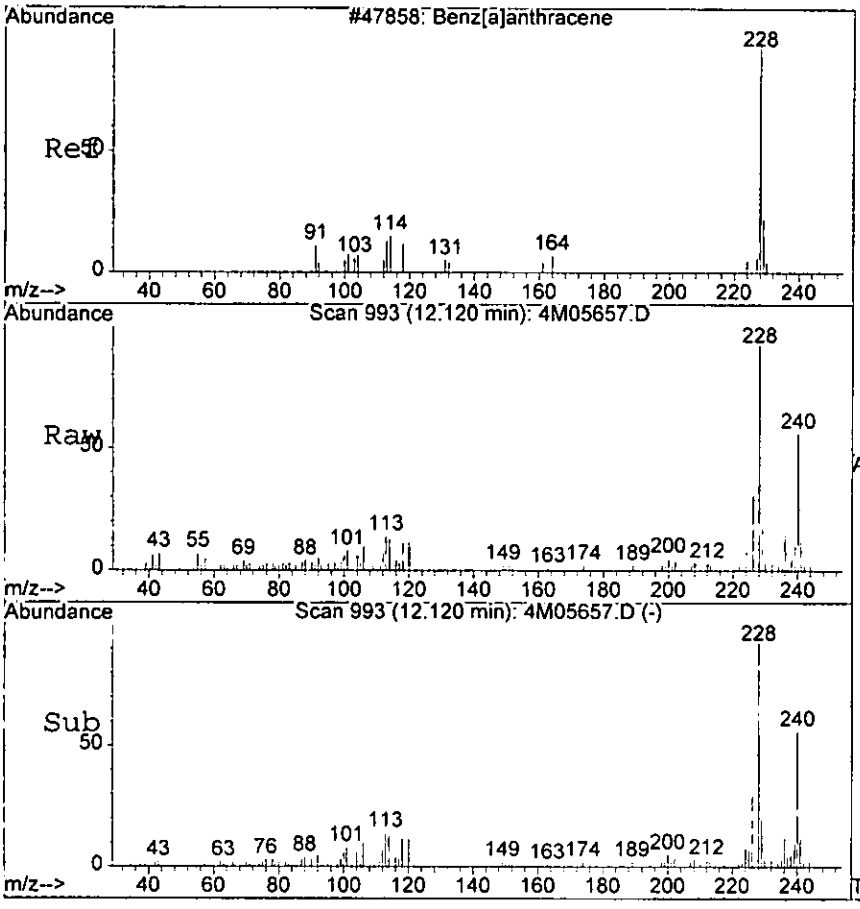
Tgt Ion:149 Resp: 2691

Ion	Ratio	Lower	Upper
149	100		
91	53.0	35.6	115.6
206	0.0	0.0	54.4



1553

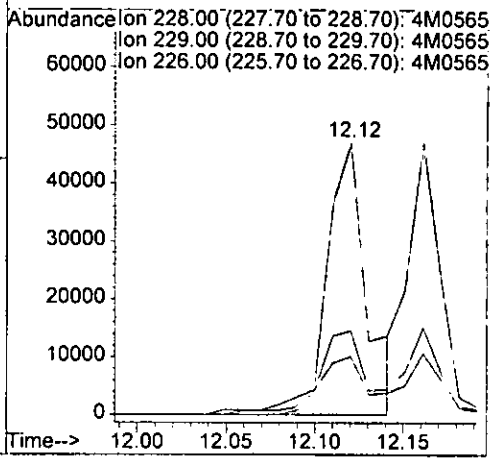
8175

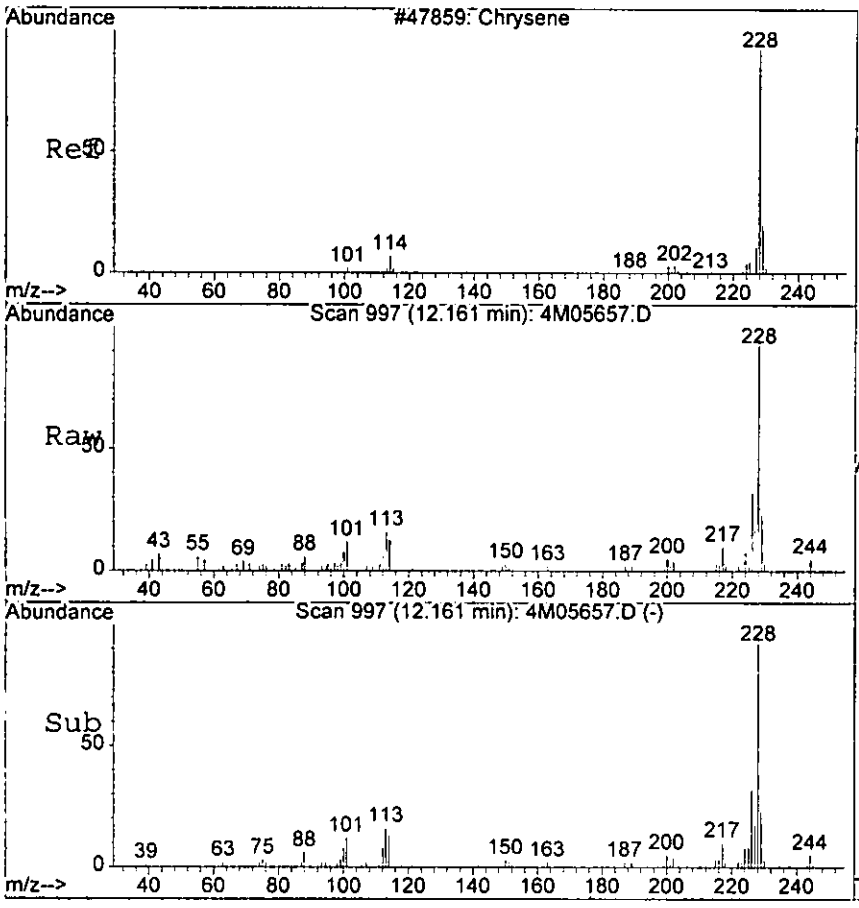


#78
Benzo[a]anthracene
Concen: 41.45 ng
RT: 12.12 min Scan# 993
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:228 Resp: 72935

Ion	Ratio	Lower	Upper
228	100		
229	21.5	0.0	60.5
226	30.9	0.0	69.0

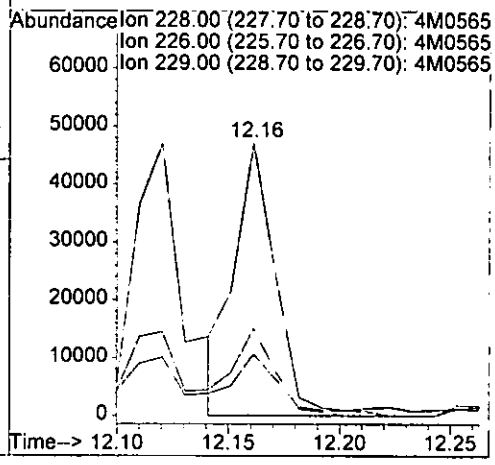


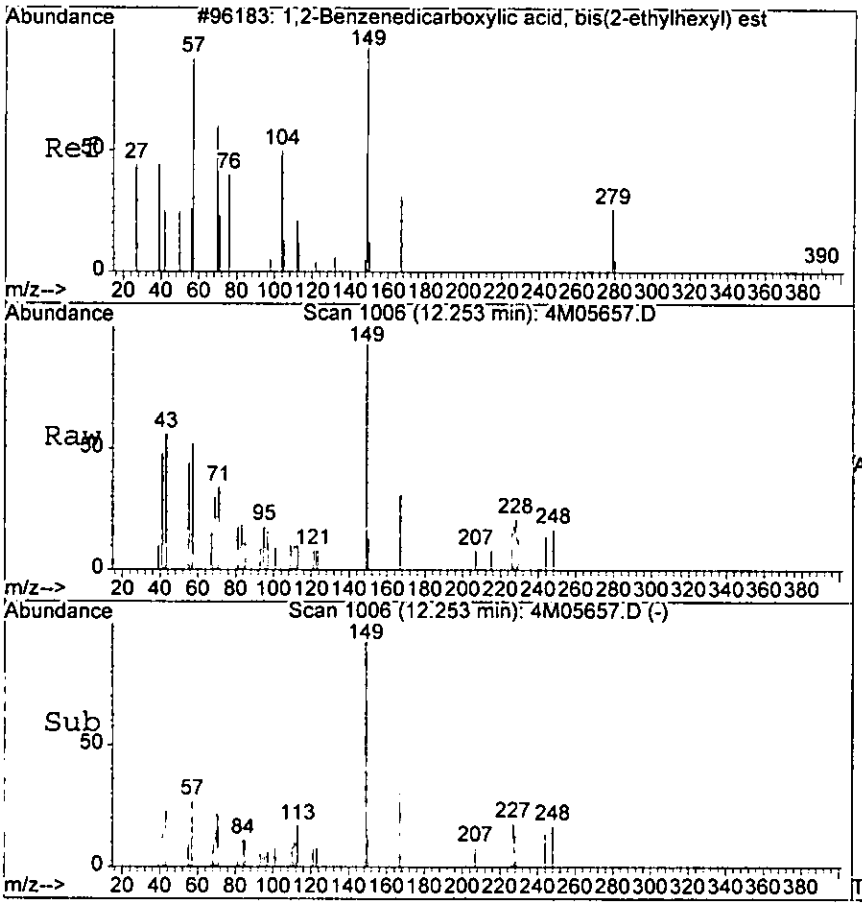


#79
Chrysene
Concen: 38.09 ng
RT: 12.16 min Scan# 997
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:228 Resp: 60338

Ion	Ratio	Lower	Upper
228	100		
226	32.0	12.0	52.0
229	19.5	0.0	61.1

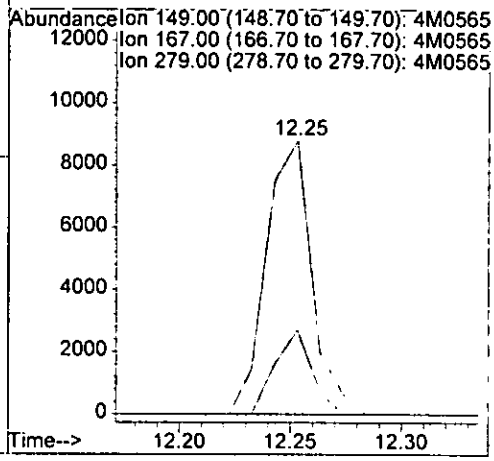


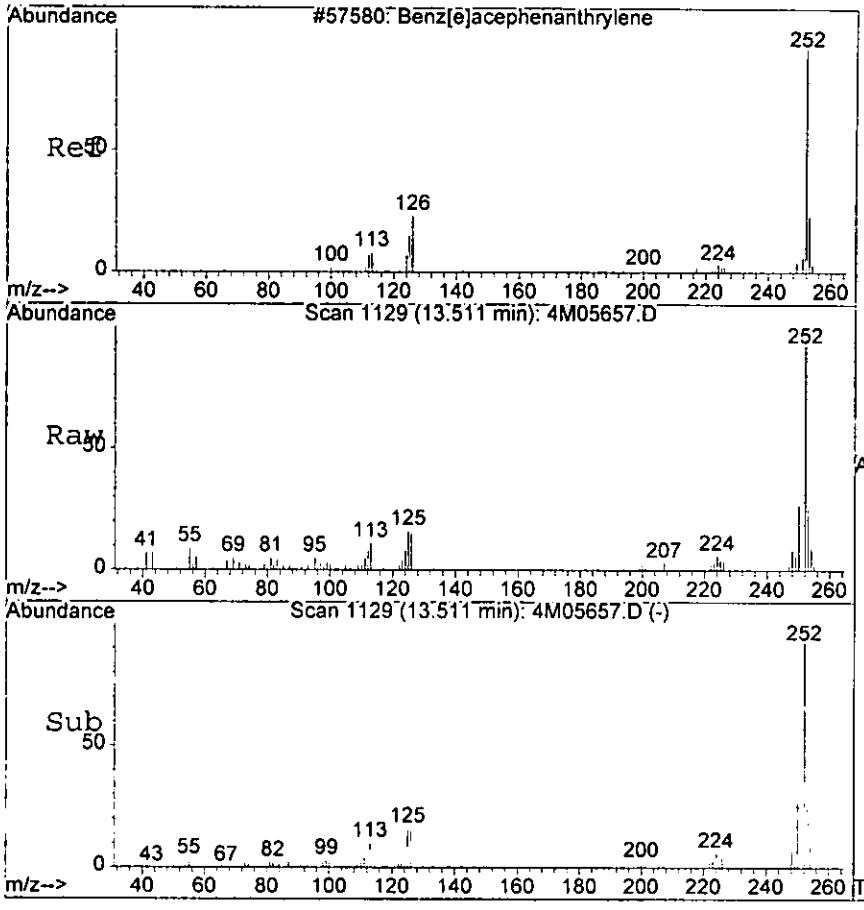


#80
bis(2-Ethylhexyl)phthalate
Concen: 9.34 ng
RT: 12.25 min Scan# 1006
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:149 Resp: 12503

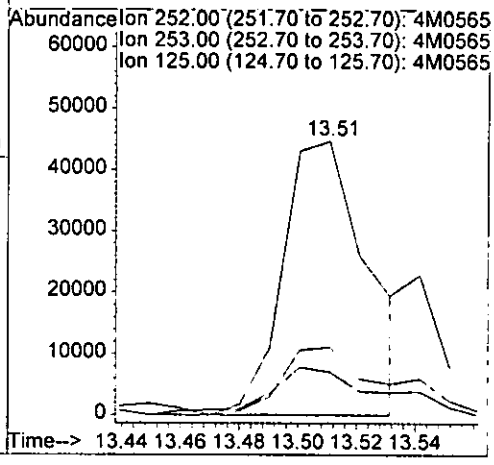
Ion	Ratio	Lower	Upper
149	100		
167	30.7	0.0	53.9
279	0.0	0.0	43.5

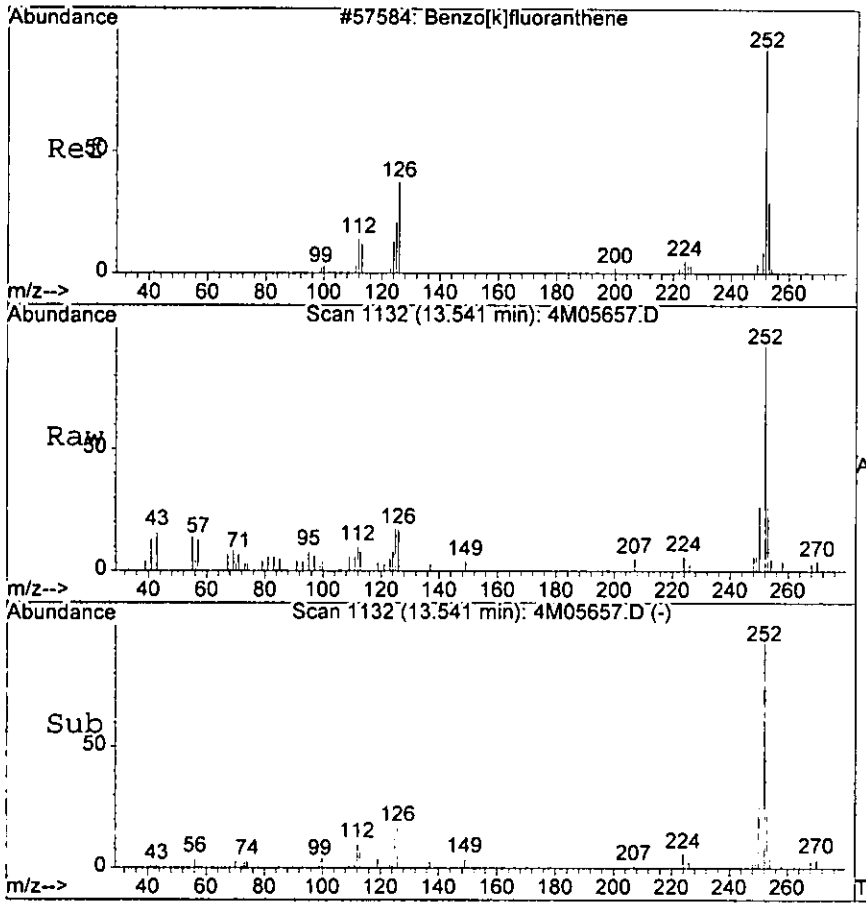




#83
Benzo[b]fluoranthene
Concen: 49.31 ng m
RT: 13.51 min Scan# 1129
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

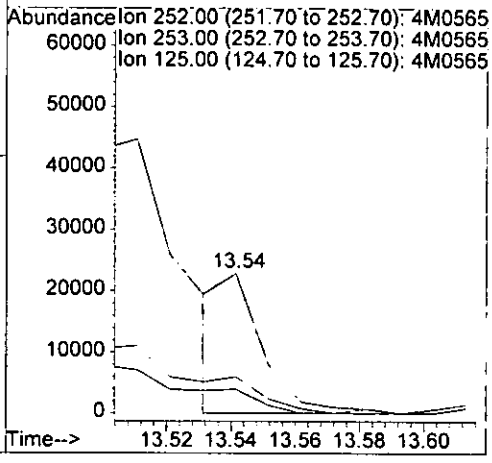
Tgt Ion:252	Resp:	89459	
Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	63.3
125	15.9	0.0	57.6

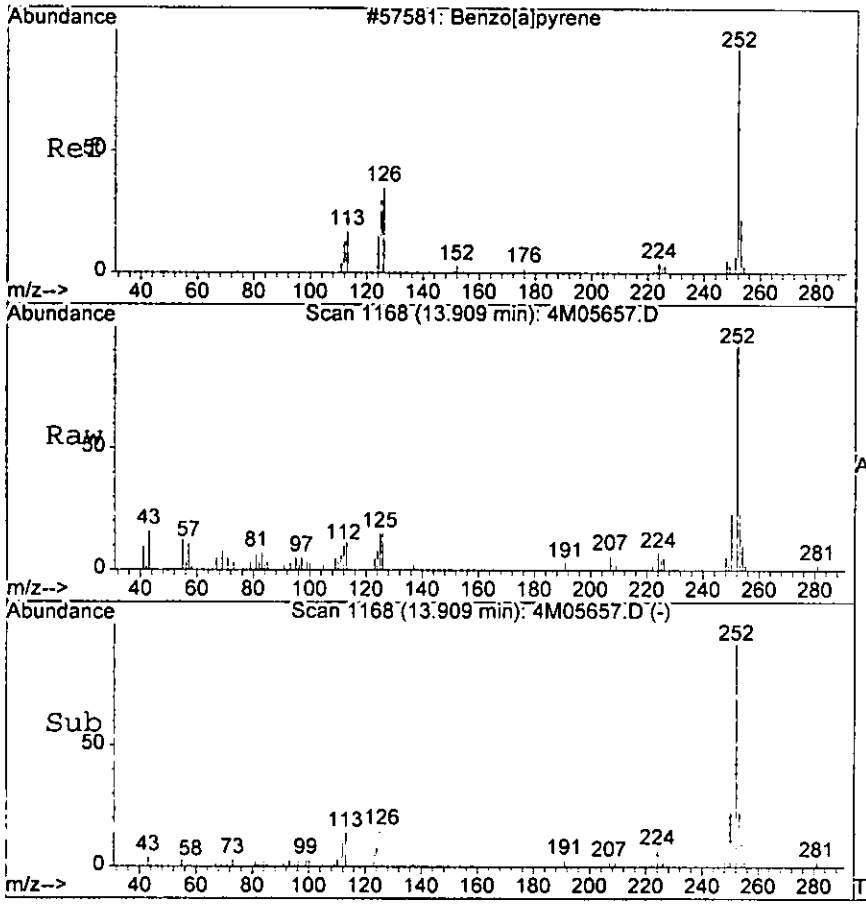




#84
Benzo[k]fluoranthene
Concen: 13.27 ng m
RT: 13.54 min Scan# 1132
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:252	Resp:	21009	
Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	63.5
125	17.1	0.0	53.8

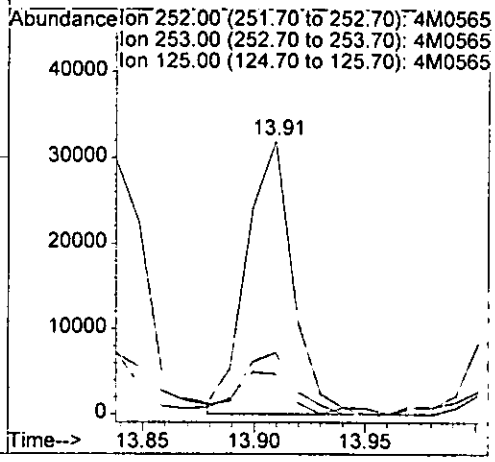




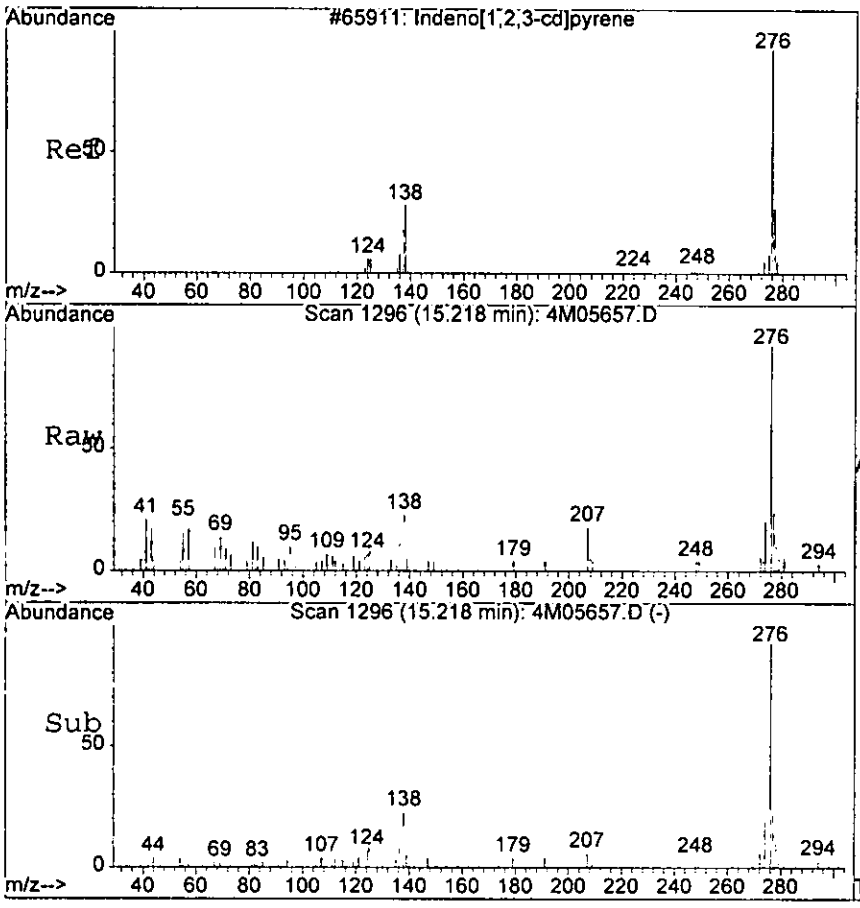
#85
Benzo[a]pyrene
Concen: 30.79 ng
RT: 13.91 min Scan# 1168
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:252 Resp: 46700

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	62.9
125	14.8	0.0	57.6



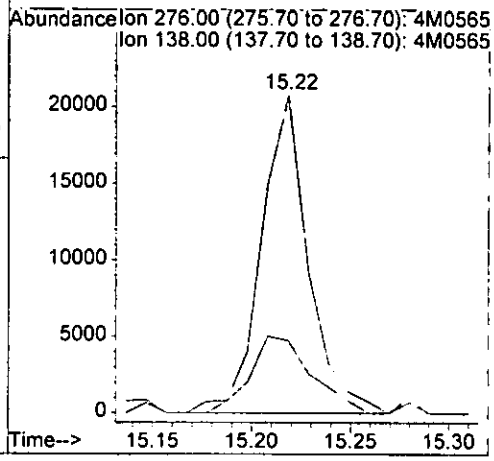
8313

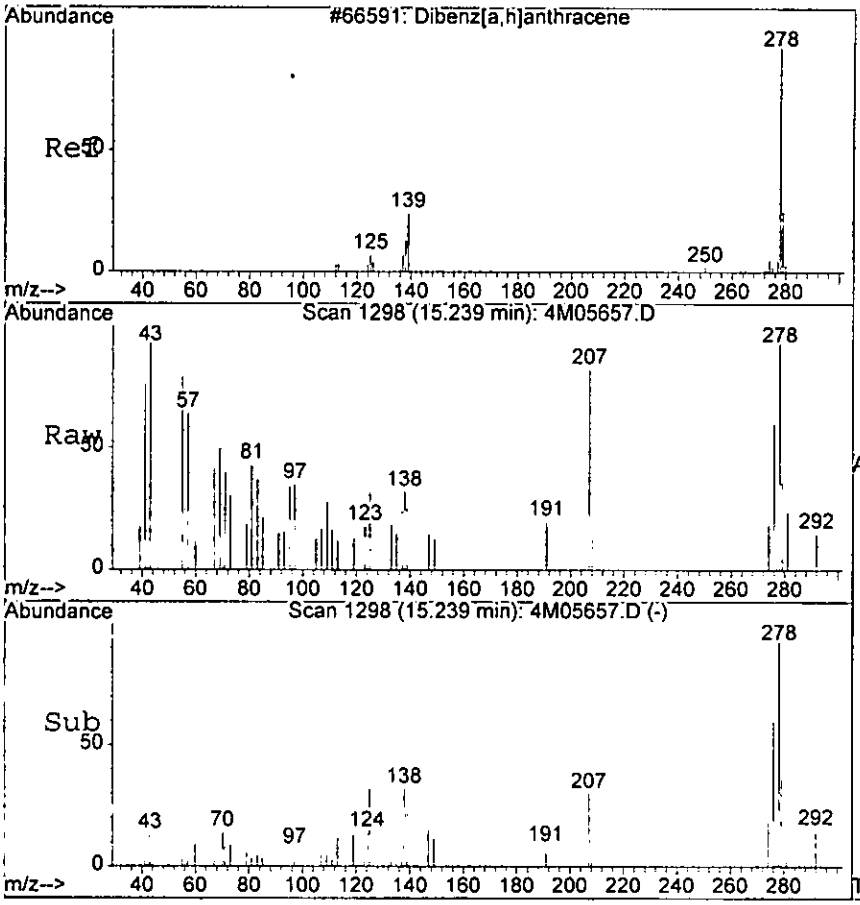


#86
Indeno[1,2,3-cd]pyrene
Concen: 21.34 ng
RT: 15.22 min Scan# 1296
Delta R.T. -0.03 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:276 Resp: 33921

Ion	Ratio	Lower	Upper
276	100		
138	22.9	0.0	73.4

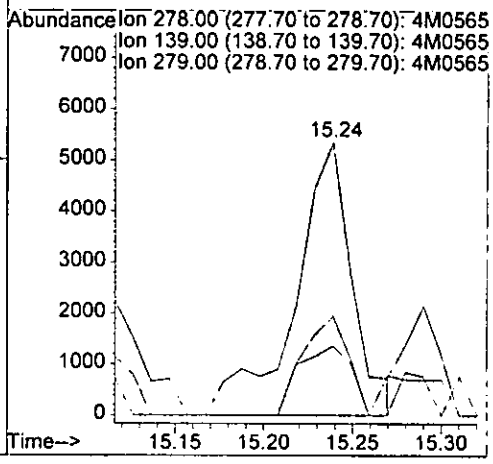




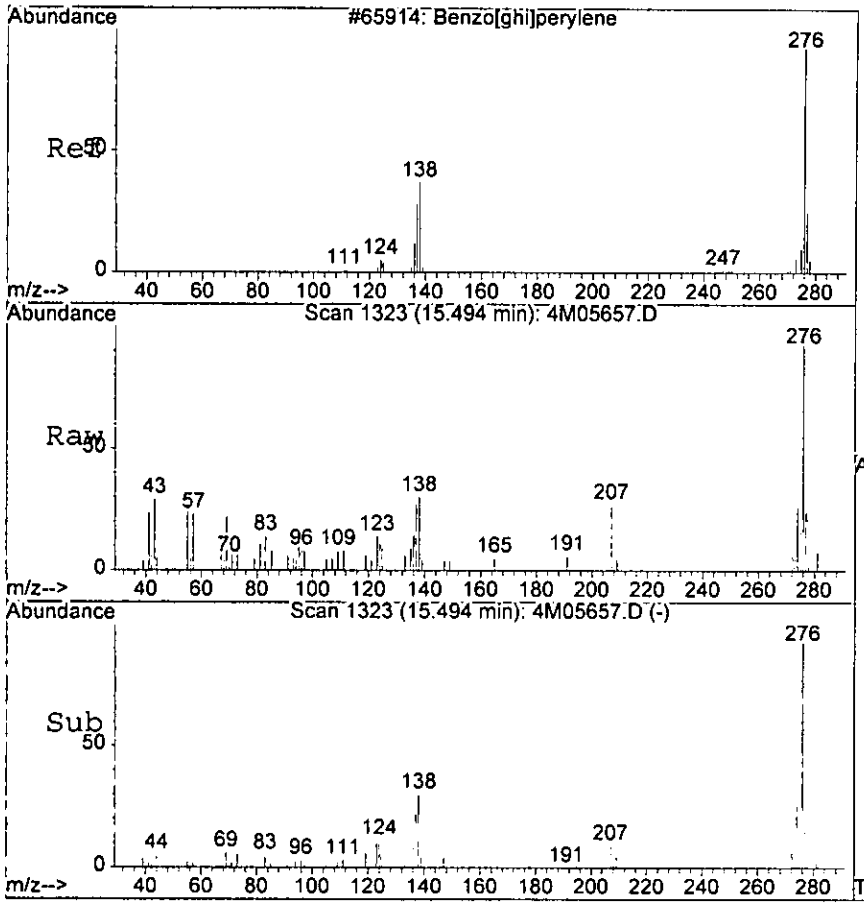
#87
Dibenzo[a,h]anthracene
Concen: 9.18 ng
RT: 15.24 min Scan# 1298
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:278 Resp: 11888

Ion	Ratio	Lower	Upper
278	100		
139	25.4	0.0	63.8
279	36.4	0.0	64.0



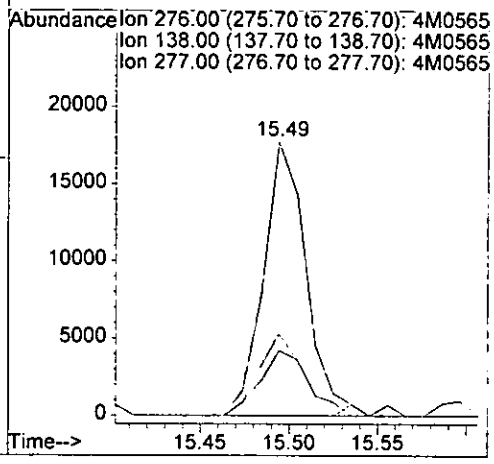
1896



#88
Benzo[g,h,i]perylene
Concen: 23.22 ng
RT: 15.49 min Scan# 1323
Delta R.T. -0.04 min
Lab File: 4M05657.D
Acq: 16 Aug 2005 15:37

Tgt Ion:276 Resp: 29495

Ion	Ratio	Lower	Upper
276	100		
138	29.9	0.0	74.1
277	23.7	0.0	65.0



5215

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-007	Matrix: Soil
Client Id: PCSB-54 (4.5)	Initial Vol: 30g
Data File: 4M05628.D	Final Vol: 1ml
Analysis Date: 08/15/05 23:14	Dilution: 1
Date Rec/Extracted: 08/03/05-08/14/05	Solids: 73

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.012	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.014**	**0.14**
95-50-1	1,2-Dichlorobenzene	0.021	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.0087**	**0.097**
122-66-7	1,2-Diphenylhydrazine	0.013	U	207-08-9	Benzo[k]fluoranthene	0.015	U
541-73-1	1,3-Dichlorobenzene	0.019	U	111-91-1	bis(2-Chloroethoxy)methan	0.010	U
106-46-7	1,4-Dichlorobenzene	0.023	U	111-44-4	bis(2-Chloroethyl)ether	0.024	U
95-95-4	2,4,5-Trichlorophenol	0.62	U	108-60-1	bis(2-chloroisopropyl)ether	0.015	U
88-06-2	2,4,6-Trichlorophenol	1.1	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.041**	**0.068**
120-83-2	2,4-Dichlorophenol	0.074	U	85-68-7	Butylbenzylphthalate	0.018	U
105-67-9	2,4-Dimethylphenol	0.063	U	86-74-8	Carbazole	0.014	U
51-28-5	2,4-Dinitrophenol	0.31	U	**218-01-9**	**Chrysene**	**0.0094**	**0.086**
121-14-2	2,4-Dinitrotoluene	0.017	U	**84-74-2**	**Di-n-butylphthalate**	**0.010**	**0.11 B**
606-20-2	2,6-Dinitrotoluene	0.019	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	0.016	U
95-57-8	2-Chlorophenol	0.093	U	132-64-9	Dibenzofuran	0.058	U
91-57-6	2-Methylnaphthalene	0.059	U	84-66-2	Diethylphthalate	0.013	U
95-48-7	2-Methylphenol	0.22	U	131-11-3	Dimethylphthalate	0.010	U
88-74-4	2-Nitroaniline	0.032	U	**206-44-0**	**Fluoranthene**	**0.013**	**0.074**
88-75-5	2-Nitrophenol	0.053	U	86-73-7	Fluorene	0.012	U
106-44-5	3&4-Methylphenol	0.24	U	118-74-1	Hexachlorobenzene	0.021	U
91-94-1	3,3'-Dichlorobenzidine	0.10	U	87-68-3	Hexachlorobutadiene	0.019	U
99-09-2	3-Nitroaniline	0.19	U	77-47-4	Hexachlorocyclopentadiene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.087	U	67-72-1	Hexachloroethane	0.034	U
101-55-3	4-Bromophenyl-phenylether	0.018	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0063**	**0.080**
59-50-7	4-Chloro-3-methylphenol	0.12	U	78-59-1	Isophorone	0.014	U
106-47-8	4-Chloroaniline	0.35	U	621-64-7	N-Nitroso-di-n-propylamine	0.022	U
7005-72-3	4-Chlorophenyl-phenylether	0.021	U	62-75-9	N-Nitrosodimethylamine	0.54	U
100-01-6	4-Nitroaniline	0.11	U	86-30-6	n-Nitrosodiphenylamine	0.022	U
100-02-7	4-Nitrophenol	0.081	U	91-20-3	Naphthalene	0.011	U
83-32-9	Acenaphthene	0.019	U	98-95-3	Nitrobenzene	0.018	U
208-96-8	**Acenaphthylene**	**0.011**	**0.077**	87-86-5	Pentachlorophenol	0.056	U
120-12-7	**Anthracene**	**0.012**	**0.086**	**85-01-8**	**Phenanthrene**	**0.011**	**0.085**
92-87-5	Benzidine	0.10	U	108-95-2	Phenol	0.070	U
56-55-3	**Benzo[a]anthracene**	**0.0080**	**0.083**	**129-00-0**	**Pyrene**	**0.011**	**0.079**
50-32-8	**Benzo[a]pyrene**	**0.011**	**0.083**				

Worksheet #: 18332

Total Target Concentration 1.148

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\08-1505\4M05628.D Vial: 16
Acq On : 15 Aug 2005 23:14 Operator: AHD
Sample : AC18893-007 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:07 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

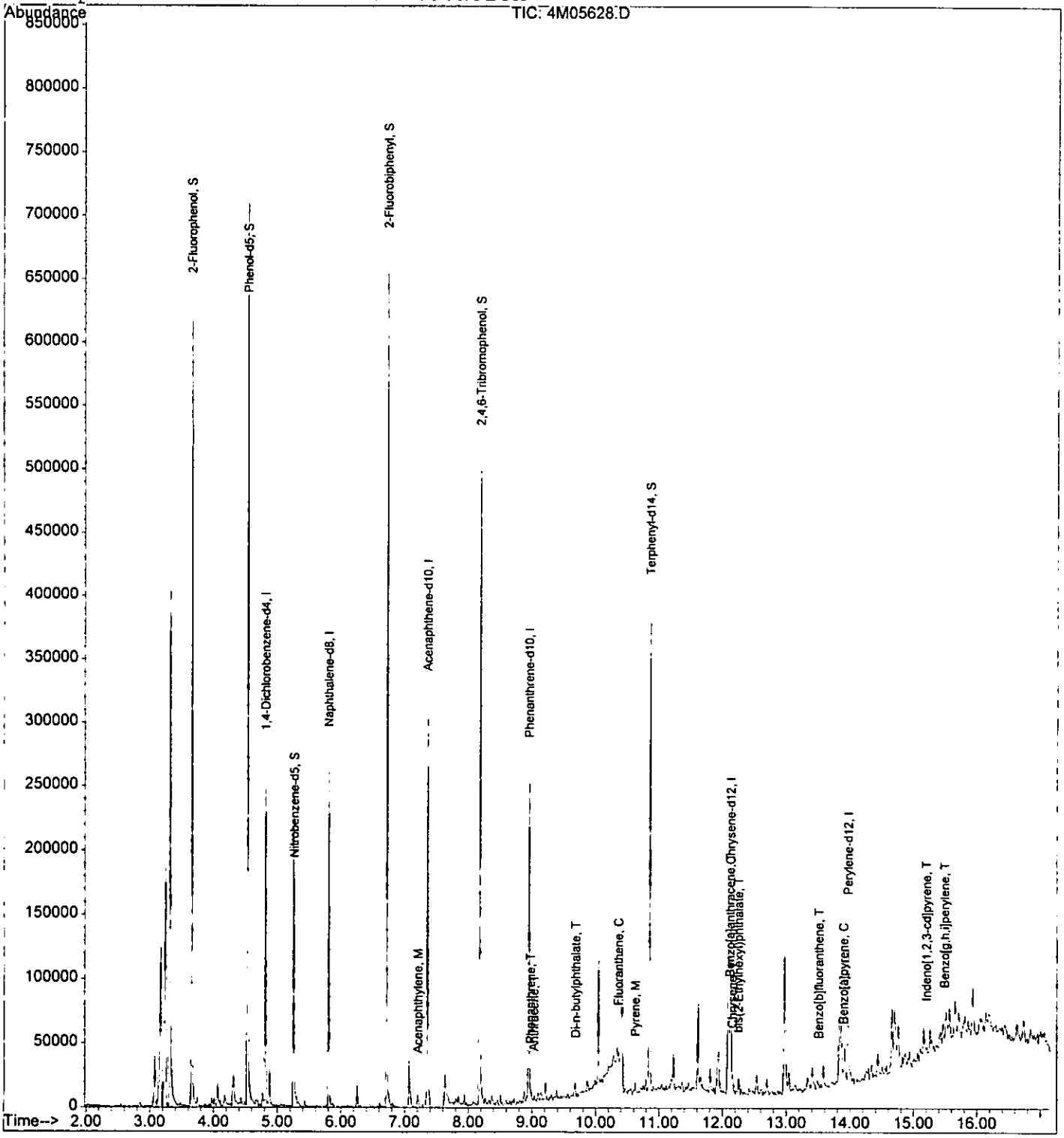
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	32971	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	105118	40.00	ng	-0.03
35) Acenaphthene-d10	7.35	164	62176	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	90096	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	54460	40.00	ng	-0.04
81) Perylene-d12	13.97	264	43328	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	147883	152.75	ng	-0.03
Spiked Amount 200.000			Recovery = 76.38%			
7) Phenol-d5	4.53	99	200796	154.53	ng	-0.02
Spiked Amount 200.000			Recovery = 77.27%			
20) Nitrobenzene-d5	5.26	128	37938	77.61	ng	-0.02
Spiked Amount 100.000			Recovery = 77.61%			
40) 2-Fluorobiphenyl	6.72	172	161429	81.66	ng	-0.02
Spiked Amount 100.000			Recovery = 81.66%			
62) 2,4,6-Tribromophenol	8.18	332	69652	172.84	ng	-0.03
Spiked Amount 200.000			Recovery = 86.42%			
75) Terphenyl-d14	10.85	244	117234	79.83	ng	-0.03
Spiked Amount 100.000			Recovery = 79.83%			
Target Compounds						Qvalue
46) Acenaphthylene	7.21	152	4511	1.68	ng	73
67) Phenanthrene	8.98	178	4157	1.86	ng	75
68) Anthracene	9.03	178	4389	1.89	ng	59
70) Di-n-butylphthalate	9.69	149	6758	2.30	ng	90
71) Fluoranthene	10.36	202	3821	1.63	ng	93
73) Pyrene	10.63	202	3472	1.72	ng	77
78) Benzo[a]anthracene	12.12	228	3074m	1.82	ng	
79) Chrysene	12.16	228	2874	1.89	ng	78
80) bis(2-Ethylhexyl)phthalate	12.25	149	1899	1.48	ng	54
83) Benzo[b]fluoranthene	13.51	252	5353m	3.09	ng	
85) Benzo[a]pyrene	13.90	252	2642	1.82	ng	46
86) Indeno[1,2,3-cd]pyrene	15.21	276	2656	1.75	ng	82
88) Benzo[g,h,i]perylene	15.49	276	2583	2.13	ng	45

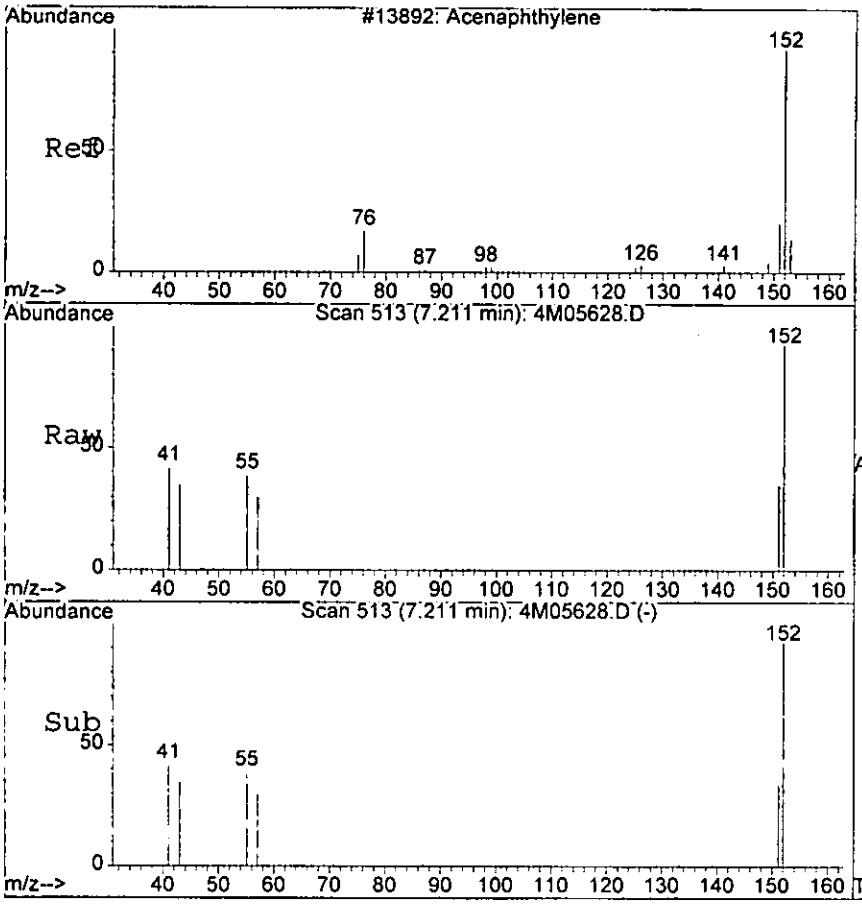
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05628.D Vial: 16
Acq On : 15 Aug 2005 23:14 Operator: AHD
Sample : AC18893-007 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:07 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

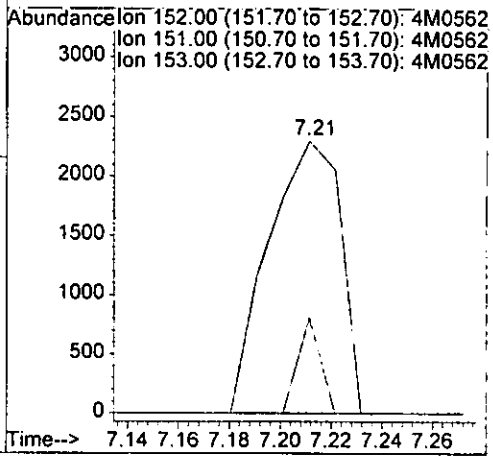


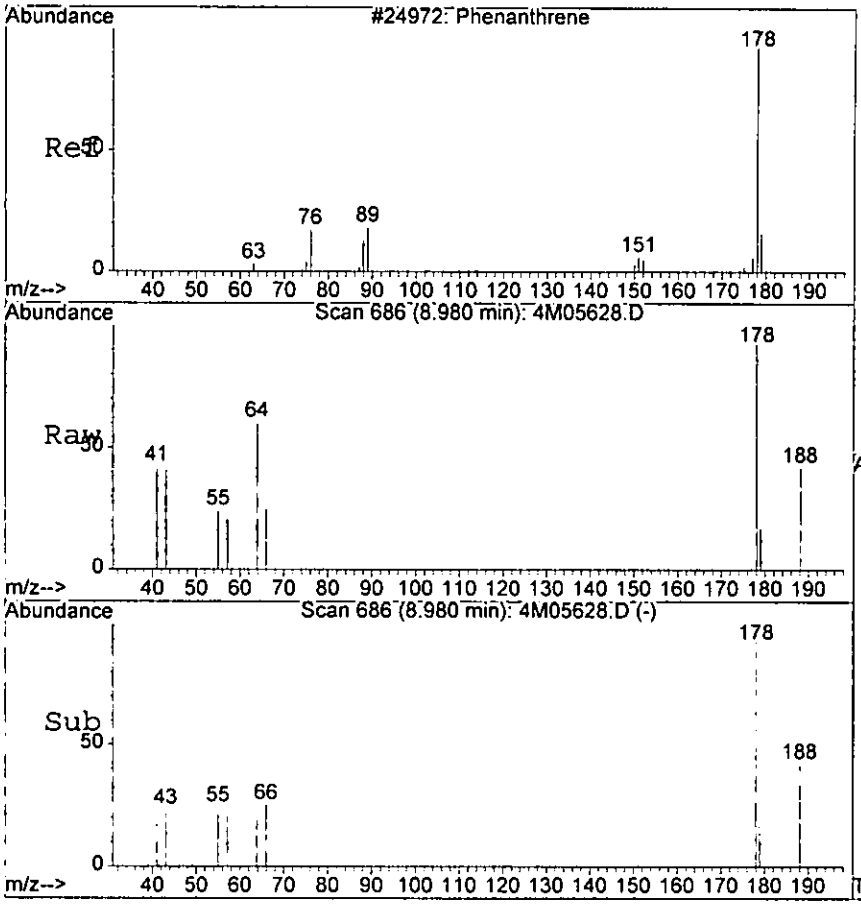


#46
Acenaphthylene
Concen: 1.68 ng
RT: 7.21 min Scan# 513
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:152 Resp: 4511

Ion	Ratio	Lower	Upper
152	100		
151	35.2	0.0	63.6
153	0.0	0.0	53.8

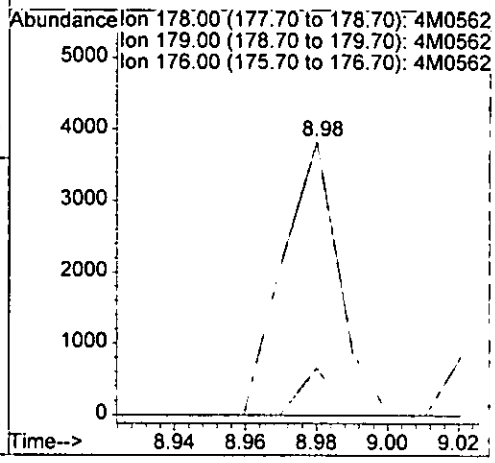


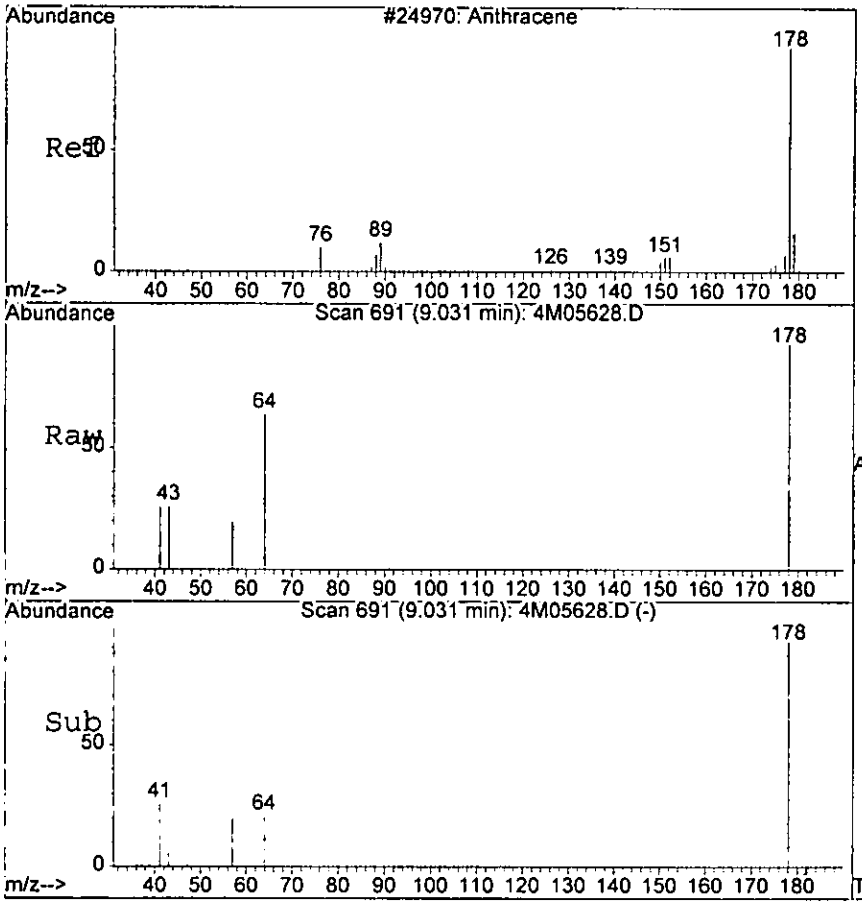


#67
Phenanthrene
Concen: 1.86 ng
RT: 8.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:178 Resp: 4157

Ion	Ratio	Lower	Upper
178	100		
179	17.2	0.0	56.6
176	0.0	0.0	60.5

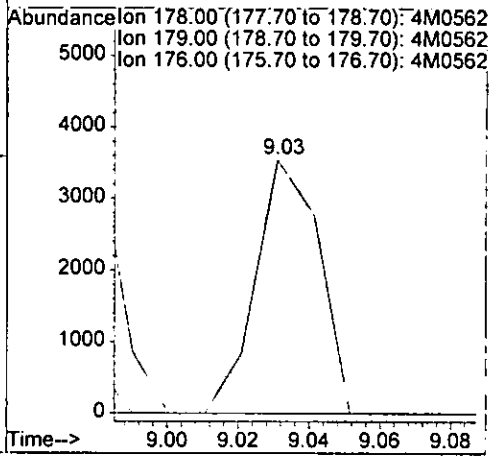


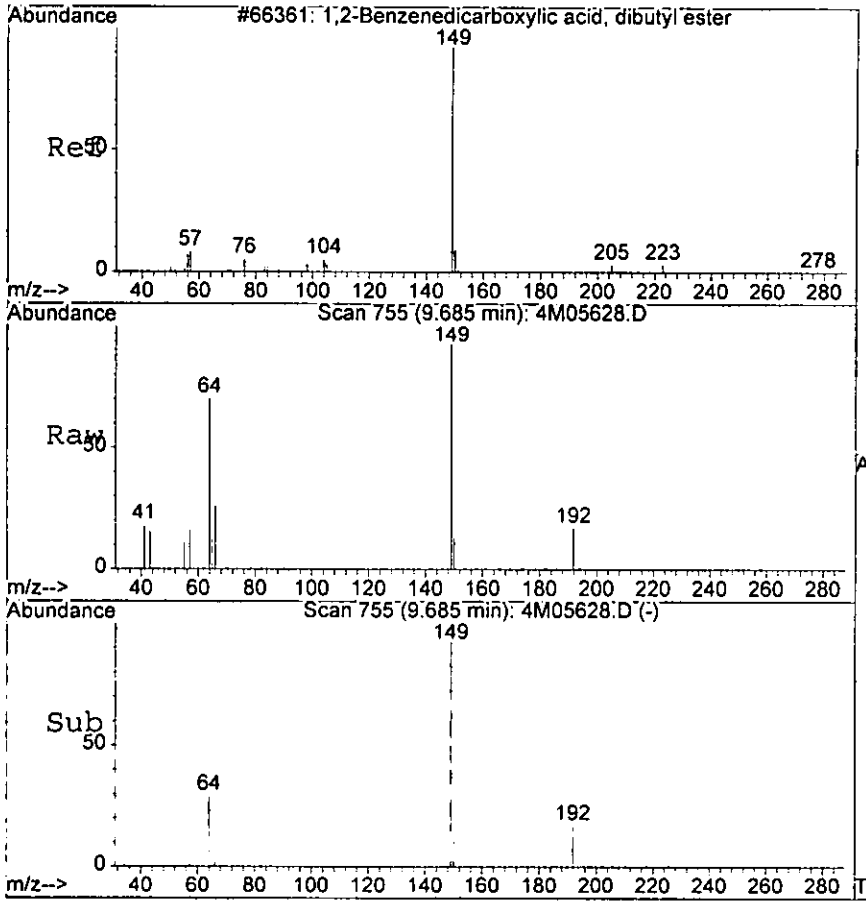


#68
Anthracene
Concen: 1.89 ng
RT: 9.03 min Scan# 691
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:178 Resp: 4389

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

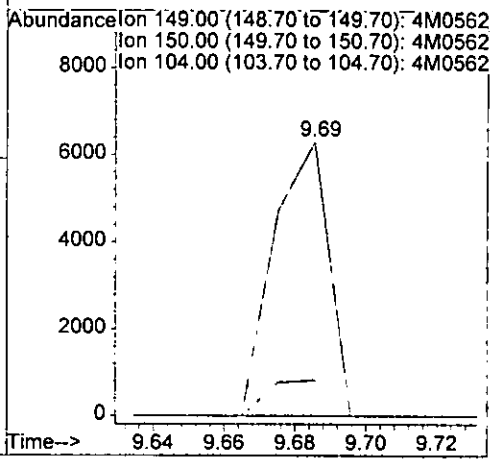




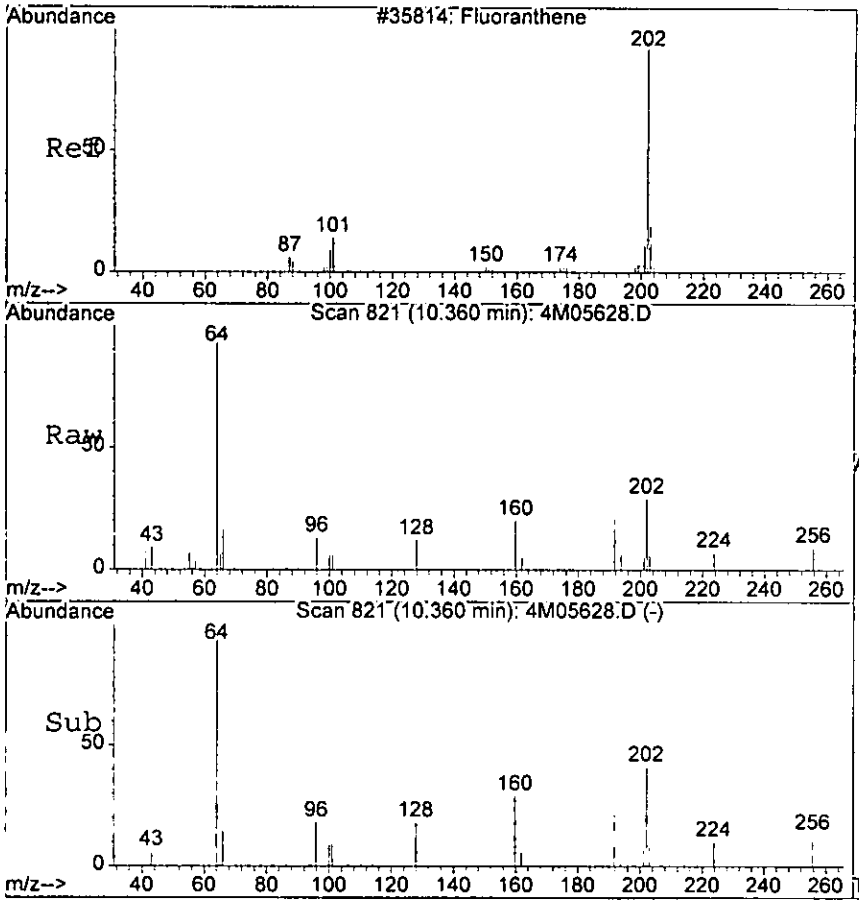
#70
Di-n-butylphthalate
Concen: 2.30 ng
RT: 9.69 min Scan# 755
Delta R.T. -0.03 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:149 Resp: 6758

Ion	Ratio	Lower	Upper
149	100		
150	13.0	0.0	49.8
104	0.0	0.0	44.6



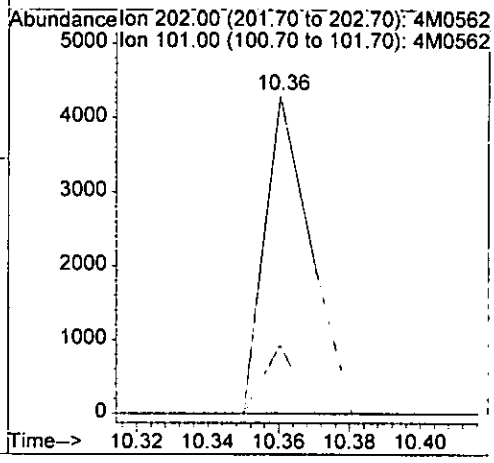
lower

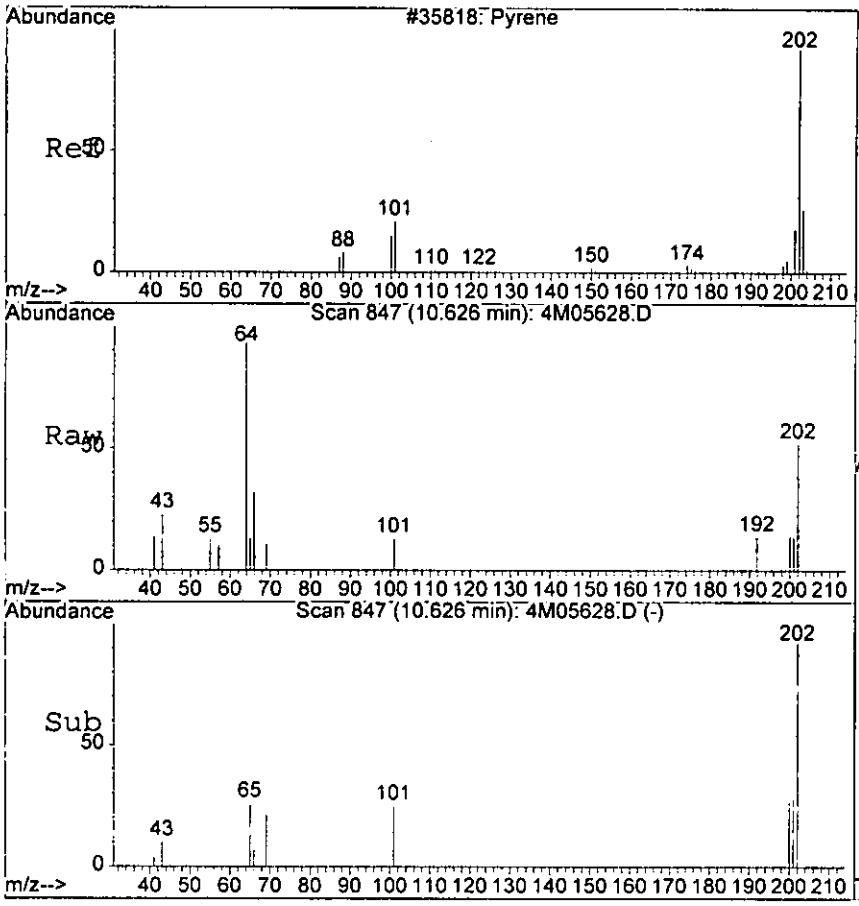


#71
Fluoranthene
Concen: 1.63 ng
RT: 10.36 min Scan# 821
Delta R.T. -0.03 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:202 Resp: 3821

Ion	Ratio	Lower	Upper
202	100		
101	21.6	0.0	58.3

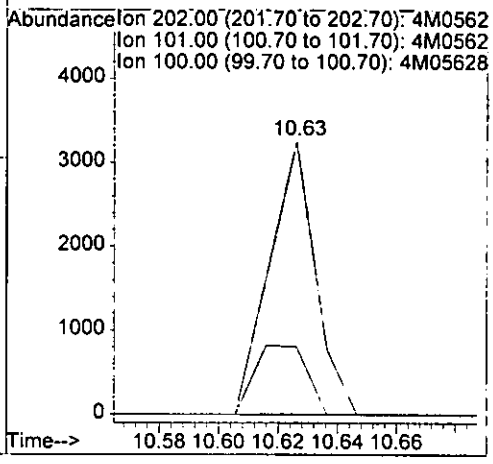


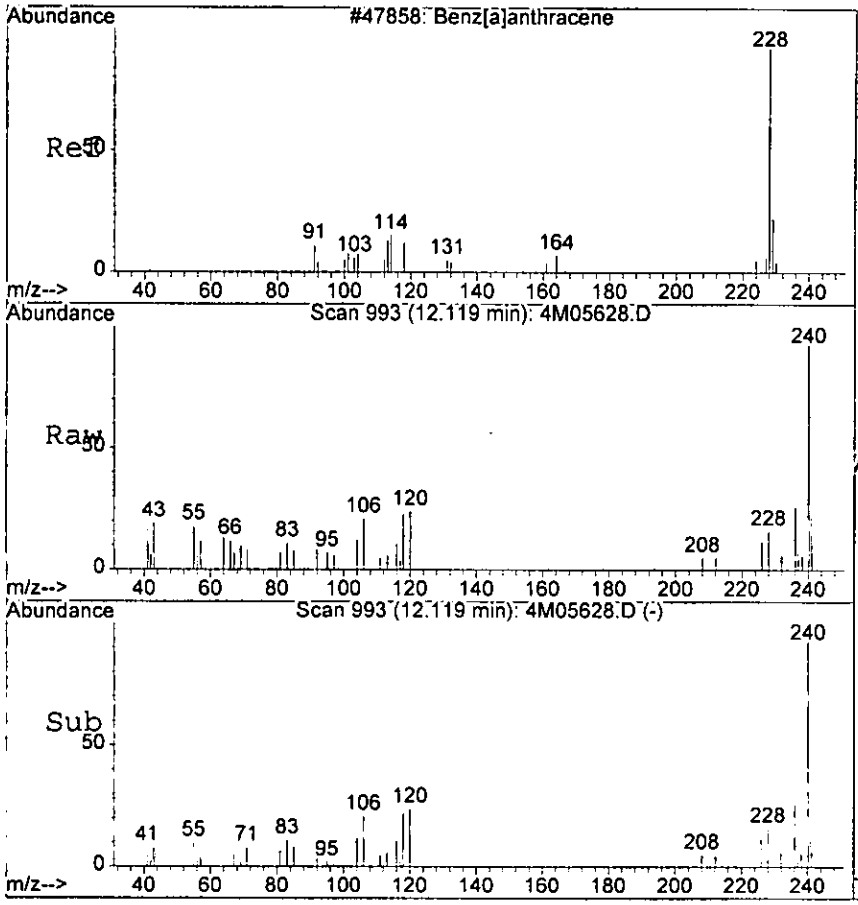


#73
Pyrene
Concen: 1.72 ng
RT: 10.63 min Scan# 847
Delta R.T. -0.03 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:202 Resp: 3472

Ion	Ratio	Lower	Upper
202	100		
101	24.7	0.0	62.7
100	0.0	0.0	60.5

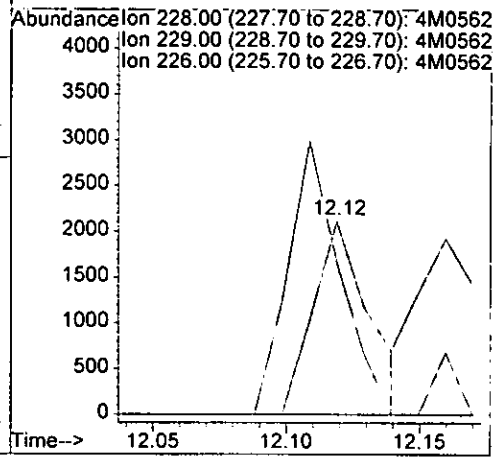


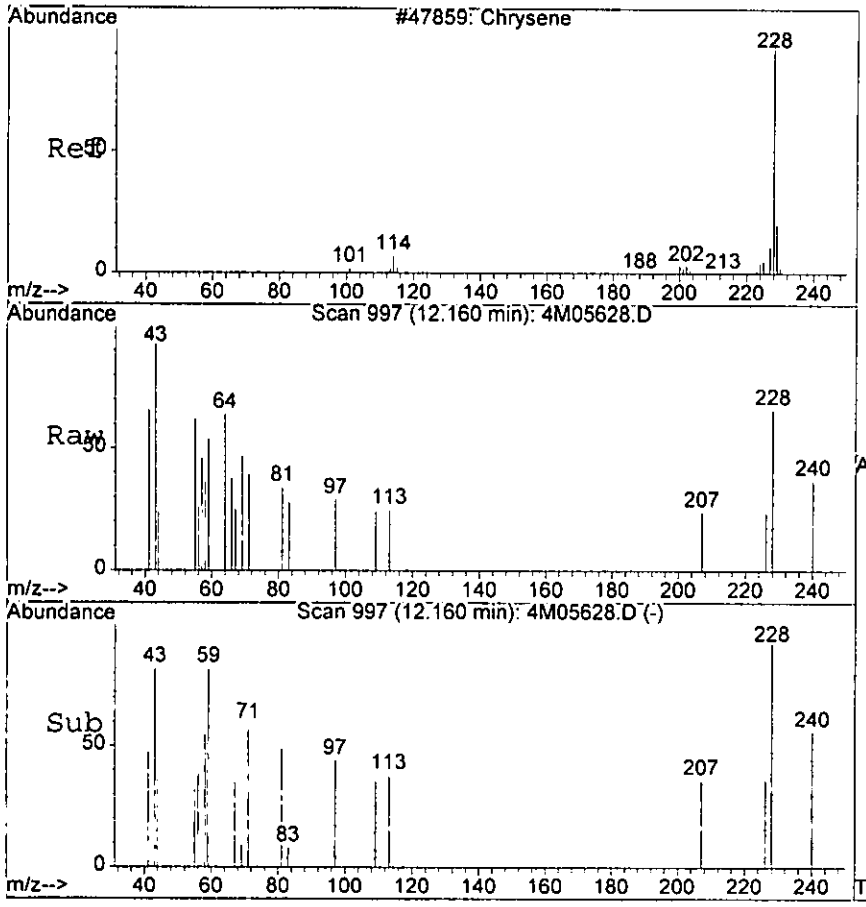


#78
Benzo[a]anthracene
Concen: 1.82 ng m
RT: 12.12 min Scan# 993
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:228 Resp: 3074

Ion	Ratio	Lower	Upper
228	100		
229	0.0	0.0	60.5
226	78.9	0.0	69.0#

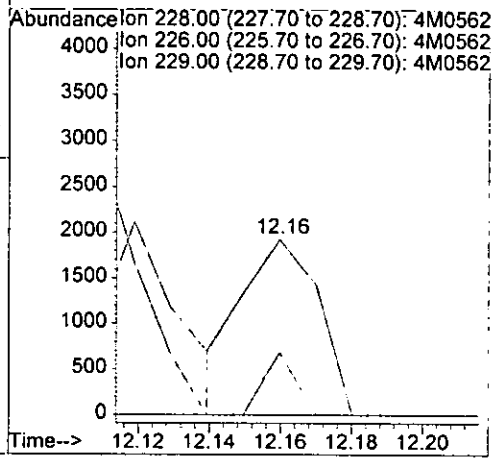


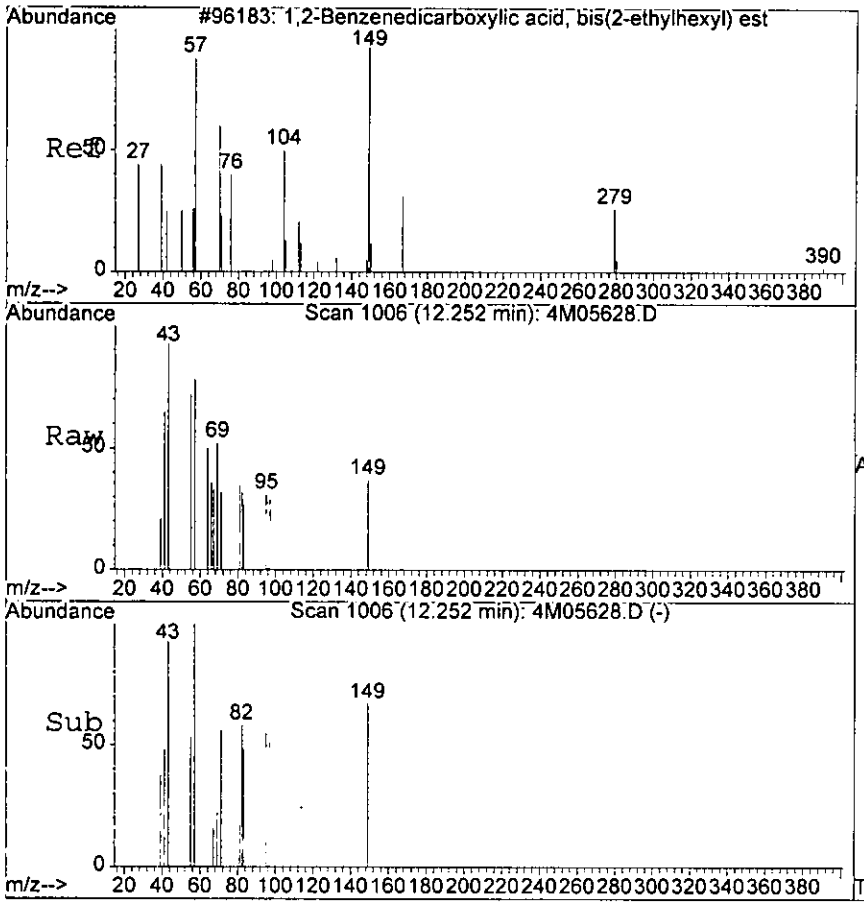


#79
Chrysene
Concen: 1.89 ng
RT: 12.16 min Scan# 997
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:228 Resp: 2874

Ion	Ratio	Lower	Upper
228	100		
226	35.6	12.0	52.0
229	0.0	0.0	61.1

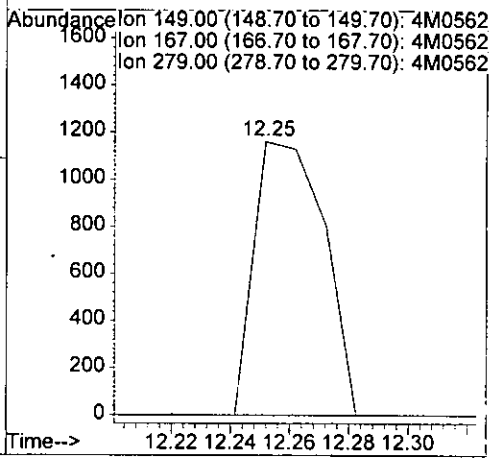


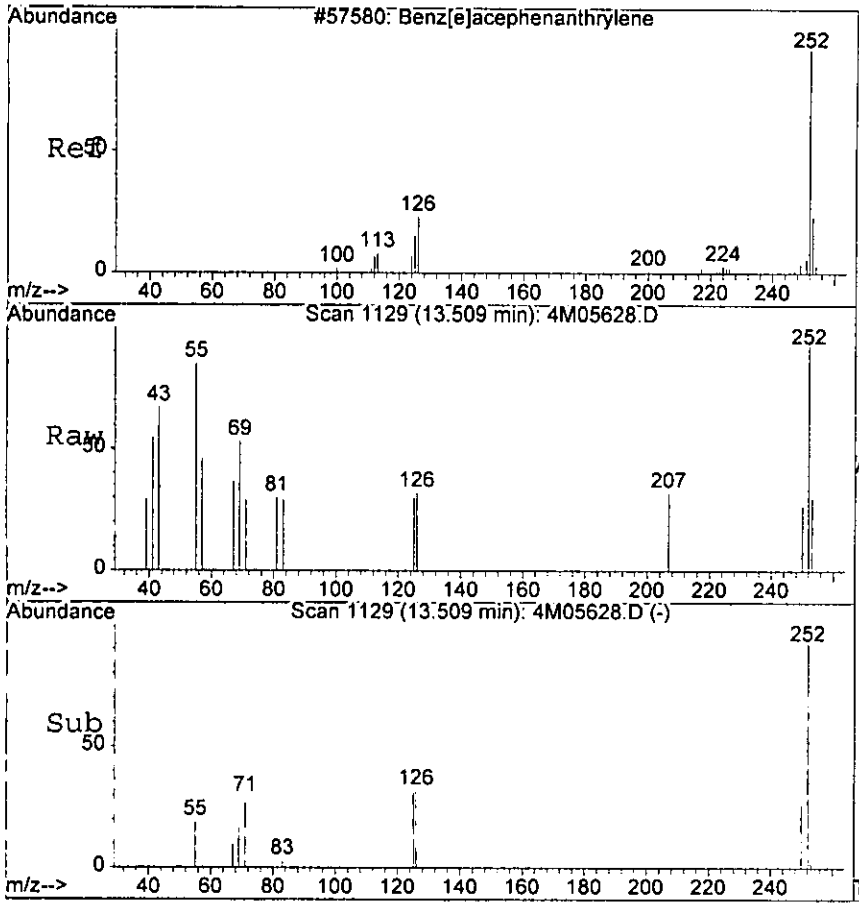


#80
bis(2-Ethylhexyl)phthalate
Concen: 1.48 ng
RT: 12.25 min Scan# 1006
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:149 Resp: 1899

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

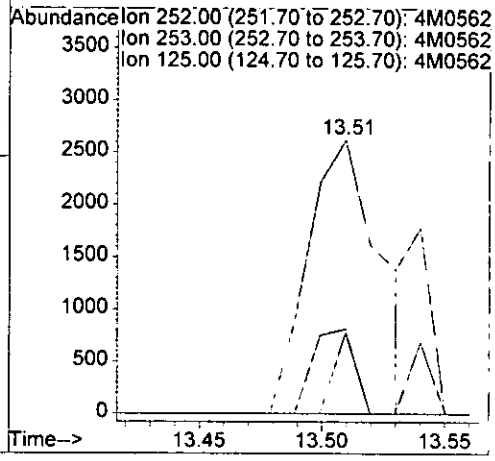


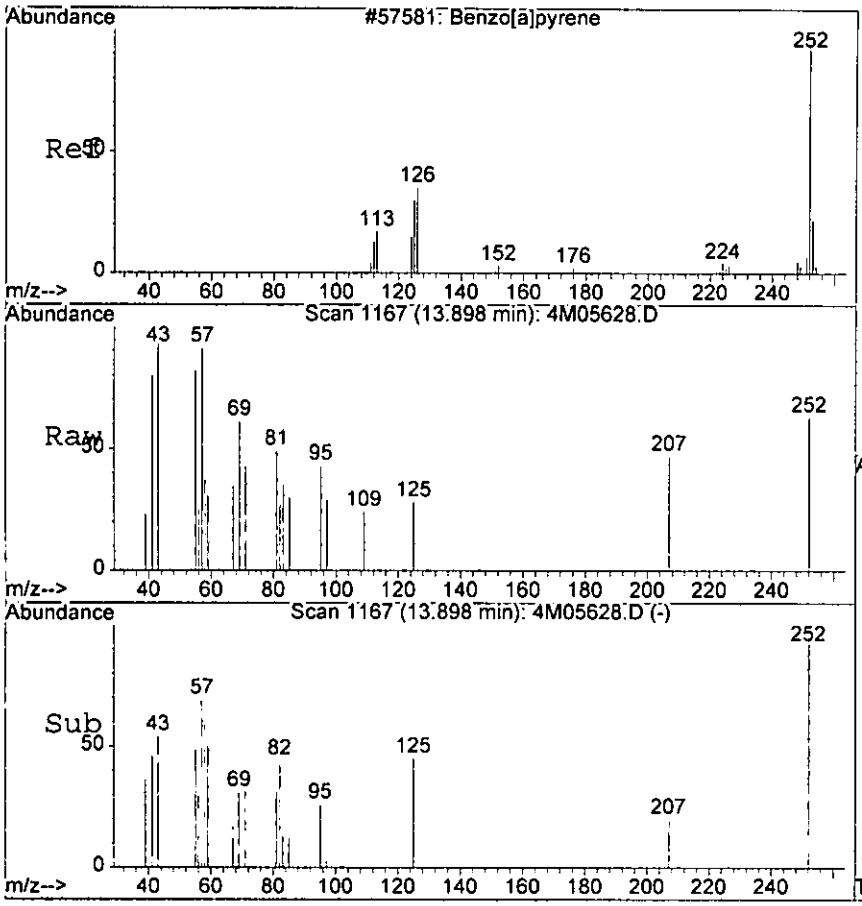


#83
Benzo[b]fluoranthene
Concen: 3.09 ng m
RT: 13.51 min Scan# 1129
Delta R.T. -0.03 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:252 Resp: 5353

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	63.3
125	31.2	0.0	57.6

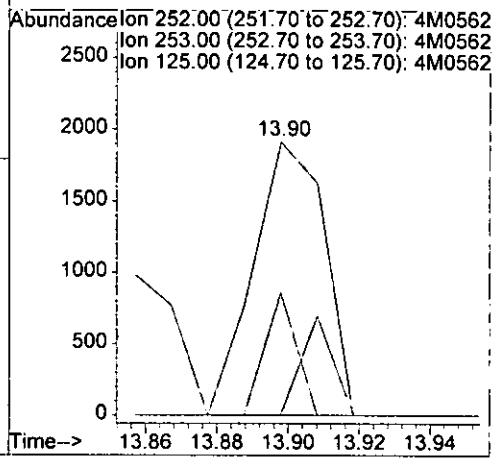


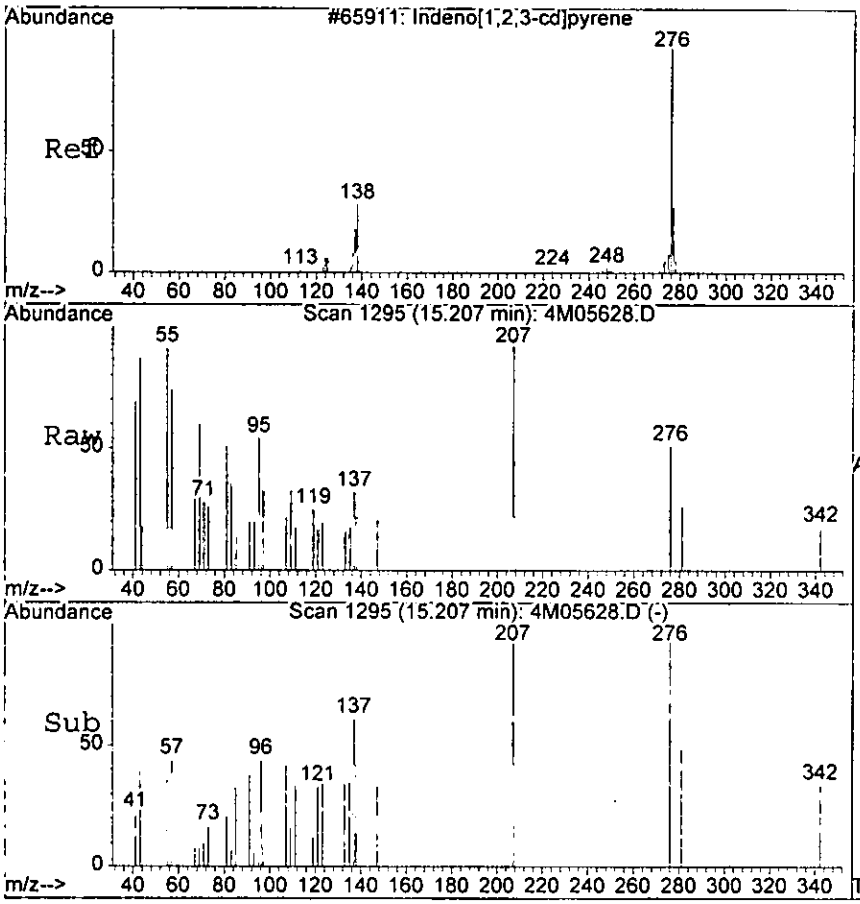


#85
Benzo[a]pyrene
Concen: 1.82 ng
RT: 13.90 min Scan# 1167
Delta R.T. -0.05 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:252 Resp: 2642

Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	62.9
125	45.1	0.0	57.6

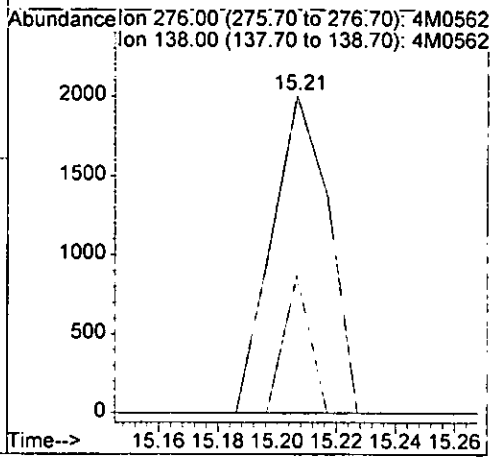


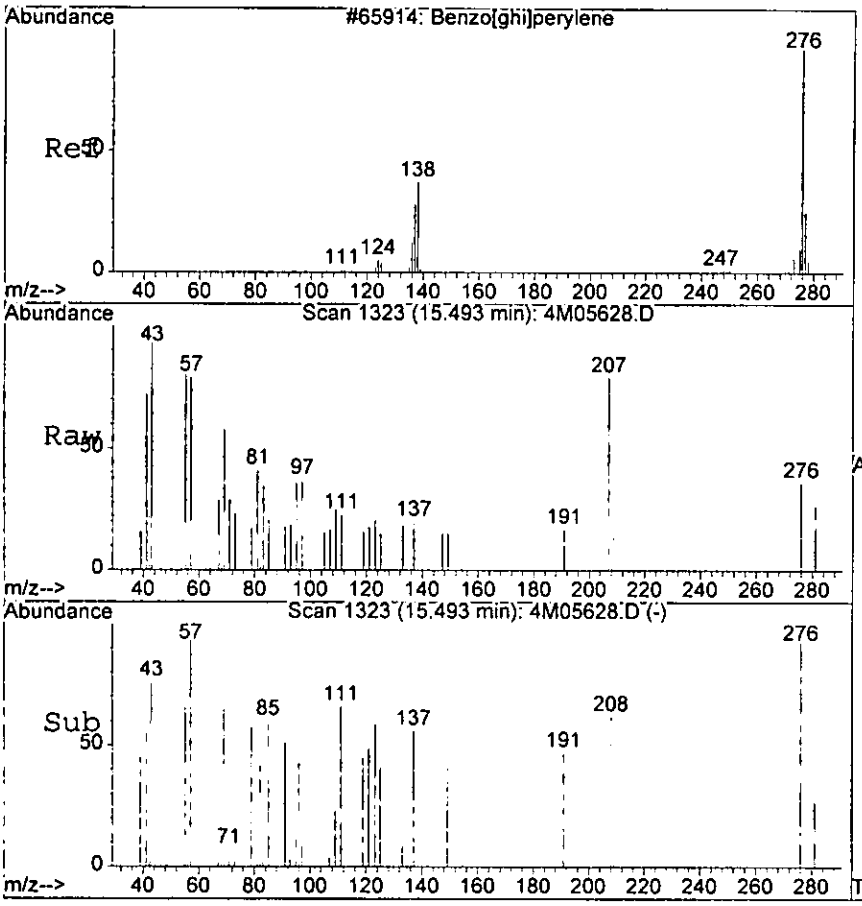


#86
Indeno[1,2,3-cd]pyrene
Concen: 1.75 ng
RT: 15.21 min Scan# 1295
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:276 Resp: 2656

Ion	Ratio	Lower	Upper
276	100		
138	43.6	0.0	73.4

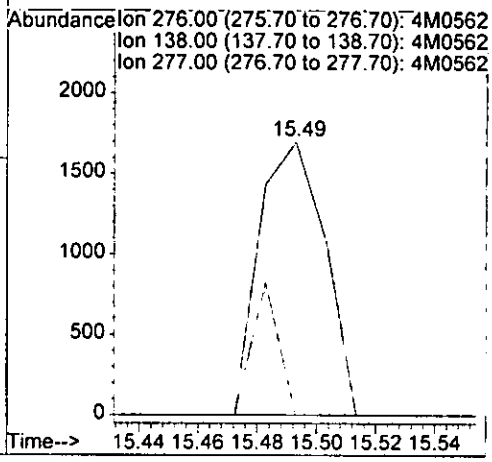




#88
Benzo[g,h,i]perylene
Concen: 2.13 ng
RT: 15.49 min Scan# 1323
Delta R.T. -0.04 min
Lab File: 4M05628.D
Acq: 15 Aug 2005 23:14

Tgt Ion:276 Resp: 2583

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



1877

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC18893-008
Client Id: PCSB-54 (11.5)
Data File: 4M05629.D
Analysis Date: 08/15/05 23:37
Date Rec/Extracted: 08/03/05-08/14/05

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 58

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**	**0.26**
95-50-1	1,2-Dichlorobenzene	0.026	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.011**	**0.13**
122-66-7	1,2-Diphenylhydrazine	0.017	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.019**	**0.068**
541-73-1	1,3-Dichlorobenzene	0.024	U	111-91-1	bis(2-Chloroethoxy)methan	0.013	U
106-46-7	1,4-Dichlorobenzene	0.029	U	111-44-4	bis(2-Chloroethyl)ether	0.030	U
95-95-4	2,4,5-Trichlorophenol	0.78	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**	**0.052**	**0.12**
120-83-2	2,4-Dichlorophenol	0.093	U	85-68-7	Butylbenzylphthalate	0.023	U
105-67-9	2,4-Dimethylphenol	0.079	U	86-74-8	Carbazole	0.017	U
51-28-5	2,4-Dinitrophenol	0.39	U	**218-01-9**	**Chrysene**	**0.012**	**0.23**
121-14-2	2,4-Dinitrotoluene	0.021	U	**84-74-2**	**Di-n-butylphthalate**	**0.013**	**0.16 B**
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	0.073	U
91-57-6	2-Methylnaphthalene	0.074	U	84-66-2	Diethylphthalate	0.016	U
95-48-7	2-Methylphenol	0.27	U	131-11-3	Dimethylphthalate	0.013	U
88-74-4	2-Nitroaniline	0.040	U	**206-44-0**	**Fluoranthene**	**0.017**	**0.41**
88-75-5	2-Nitrophenol	0.067	U	86-73-7	Fluorene	0.015	U
106-44-5	3&4-Methylphenol	0.30	U	118-74-1	Hexachlorobenzene	0.027	U
91-94-1	3,3'-Dichlorobenzidine	0.13	U	87-68-3	Hexachlorobutadiene	0.024	U
99-09-2	3-Nitroaniline	0.24	U	77-47-4	Hexachlorocyclopentadiene	0.15	U
534-52-1	4,6-Dinitro-2-methylphenol	0.11	U	67-72-1	Hexachloroethane	0.043	U
101-55-3	4-Bromophenyl-phenylether	0.022	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.0079**	**0.12**
59-50-7	4-Chloro-3-methylphenol	0.15	U	78-59-1	Isophorone	0.018	U
106-47-8	4-Chloroaniline	0.44	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	0.68	U
100-01-6	4-Nitroaniline	0.14	U	86-30-6	n-Nitrosodiphenylamine	0.027	U
100-02-7	4-Nitrophenol	0.10	U	**91-20-3**	**Naphthalene**	**0.014**	**0.073**
83-32-9	Acenaphthene	0.024	U	98-95-3	Nitrobenzene	0.023	U
208-96-8	Acenaphthylene	0.013	U	87-86-5	Pentachlorophenol	0.071	U
120-12-7	**Anthracene**	**0.015**	**0.095**	**85-01-8**	**Phenanthrene**	**0.013**	**0.30**
92-87-5	Benzidine	0.13	U	108-95-2	Phenol	0.088	U
56-55-3	**Benzo[a]anthracene**	**0.010**	**0.23**	**129-00-0**	**Pyrene**	**0.013**	**0.47**
50-32-8	**Benzo[a]pyrene**	**0.013**	**0.19**				

Worksheet #: 18332

Total Target Concentration 2.856

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\08-1505\4M05629.D Vial: 17
Acq On : 15 Aug 2005 23:37 Operator: AHD
Sample : AC18893-008 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:08 2005 Quant Results File: 4M_0812.RES

Quant Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration
DataAcq Meth : 4M_0812

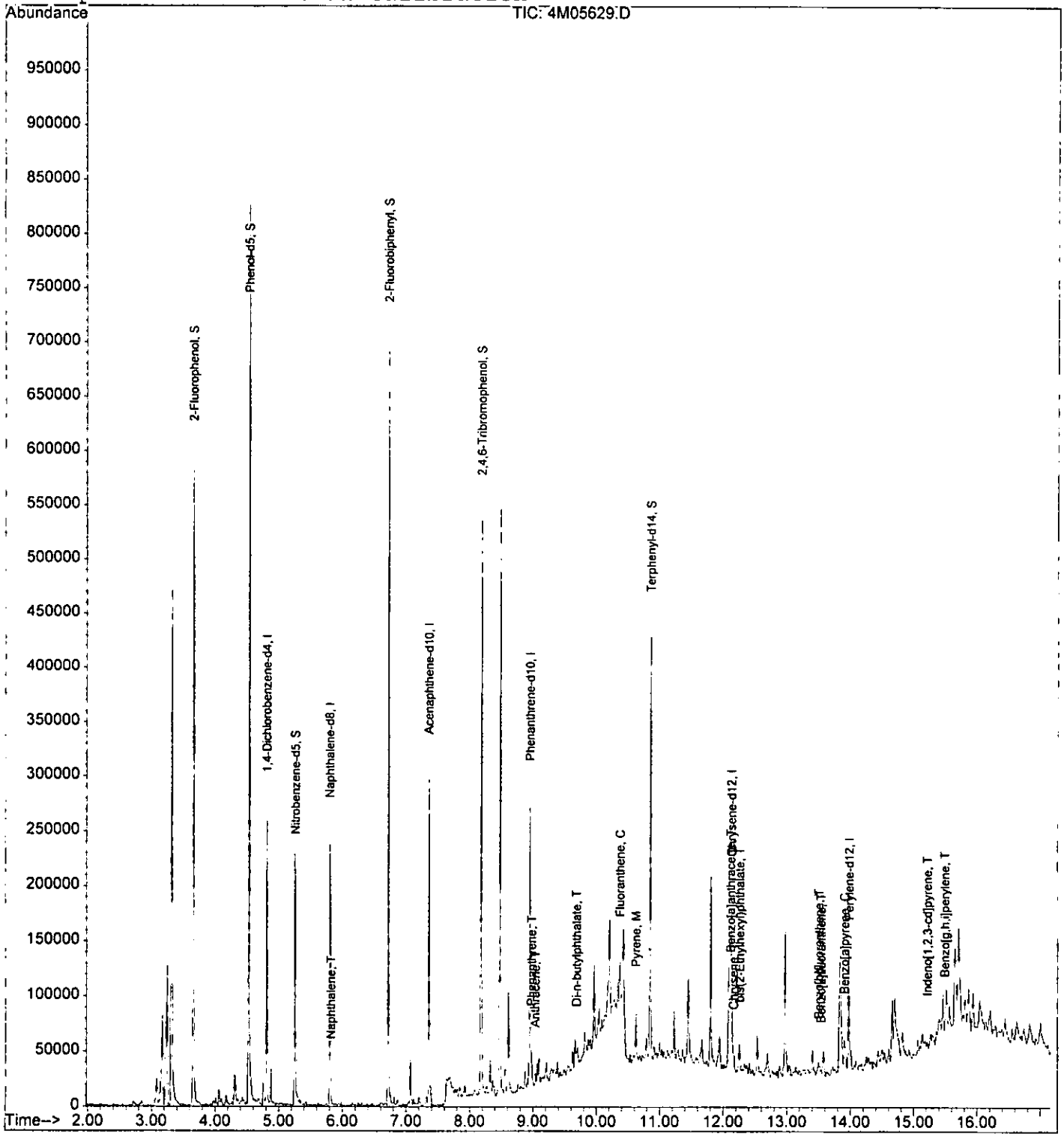
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.81	152	37049	40.00	ng	-0.03
19) Naphthalene-d8	5.80	136	113464	40.00	ng	-0.03
35) Acenaphthene-d10	7.35	164	63208	40.00	ng	-0.03
59) Phenanthrene-d10	8.95	188	87970	40.00	ng	-0.03
72) Chrysene-d12	12.13	240	56559	40.00	ng	-0.04
81) Perylene-d12	13.98	264	47320	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.65	112	153835	141.40	ng	-0.03
Spiked Amount 200.000			Recovery = 70.70%			
7) Phenol-d5	4.53	99	215596	147.66	ng	-0.02
Spiked Amount 200.000			Recovery = 73.83%			
20) Nitrobenzene-d5	5.26	128	39130	74.17	ng	-0.02
Spiked Amount 100.000			Recovery = 74.17%			
40) 2-Fluorobiphenyl	6.72	172	167735	83.46	ng	-0.02
Spiked Amount 100.000			Recovery = 83.46%			
62) 2,4,6-Tribromophenol	8.18	332	72967	185.44	ng	-0.03
Spiked Amount 200.000			Recovery = 92.72%			
75) Terphenyl-d14	10.85	244	116412	76.33	ng	-0.03
Spiked Amount 100.000			Recovery = 76.33%			
Target Compounds						Qvalue
29) Naphthalene	5.82	128	3411	1.27	ng	84
67) Phenanthrene	8.98	178	11393	5.23	ng	99
68) Anthracene	9.04	178	3745	1.66	ng	86
70) Di-n-butylphthalate	9.69	149	8052	2.81	ng	77
71) Fluoranthene	10.37	202	16261	7.11	ng	94
73) Pyrene	10.63	202	17270	8.24	ng	90
78) Benzo[a]anthracene	12.12	228	7019	4.00	ng	91
79) Chrysene	12.17	228	6327	4.01	ng	91
80) bis(2-Ethylhexyl)phthalate	12.26	149	2696	2.02	ng	54
83) Benzo[b]fluoranthene	13.51	252	8451m	4.47	ng	
84) Benzo[k]fluoranthene	13.54	252	1957m	1.19	ng	
85) Benzo[a]pyrene	13.91	252	5274	3.33	ng	93
86) Indeno[1,2,3-cd]pyrene	15.22	276	3395	2.05	ng	86
88) Benzo[g,h,i]perylene	15.49	276	3012	2.27	ng	69

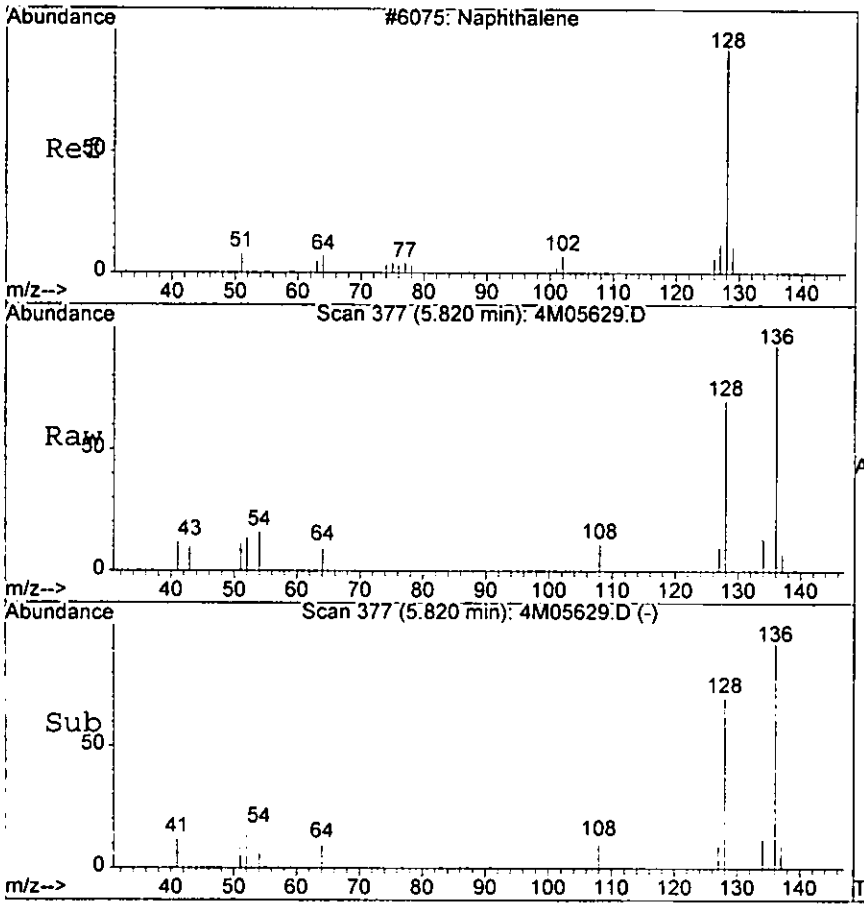
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\GcMsData\2005\Gcms_4\Data\08-1505\4M05629.D Vial: 17
Acq On : 15 Aug 2005 23:37 Operator: AHD
Sample : AC18893-008 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 17 11:08 2005 Quant Results File: 4M_0812.RES

Method : G:\GCMSDATA\2005\GCMS_4\METHODS\4M_0812.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Fri Aug 12 11:52:03 2005
Response via : Initial Calibration

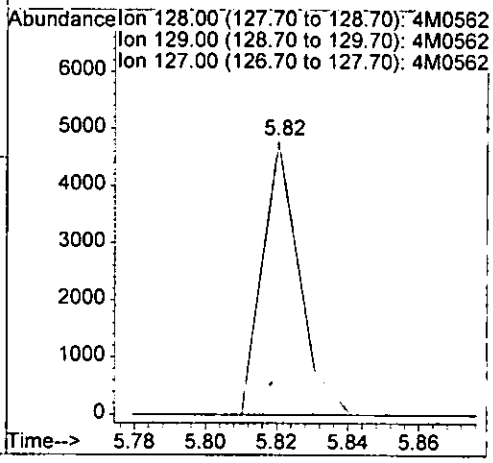


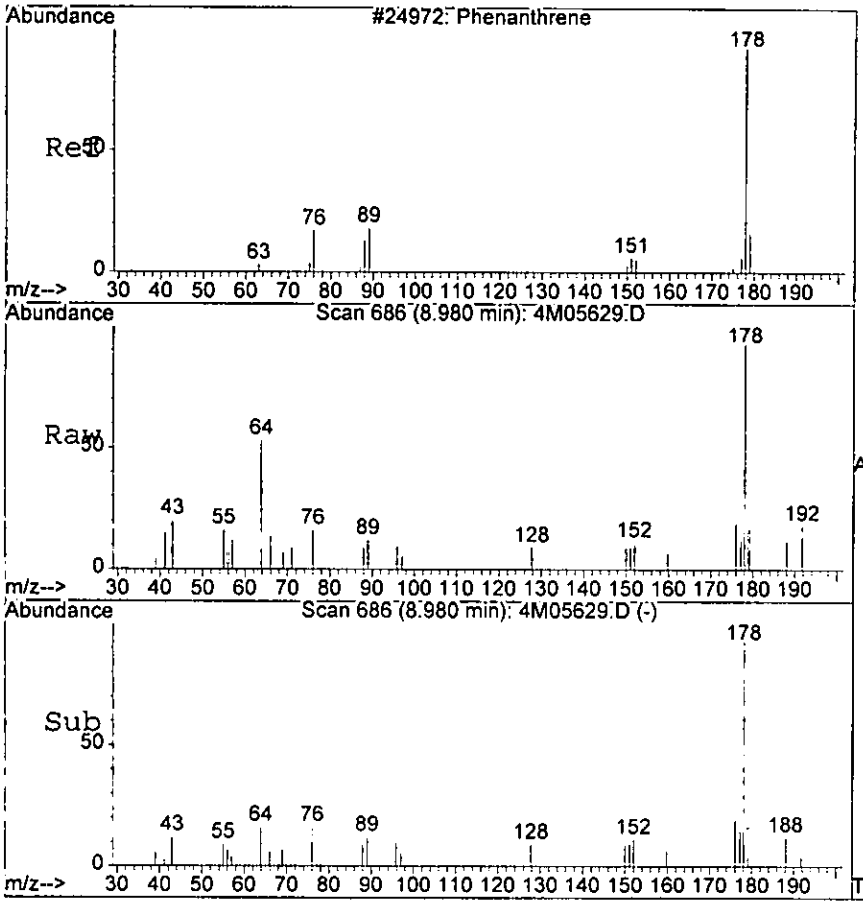


#29
Naphthalene
Concen: 1.27 ng
RT: 5.82 min Scan# 377
Delta R.T. -0.02 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:128 Resp: 3411

Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	51.8
127	14.1	0.0	57.0

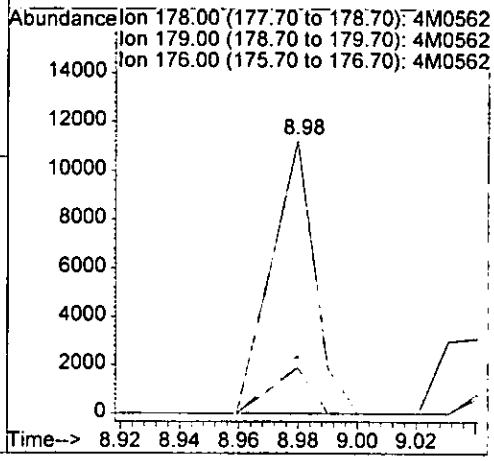


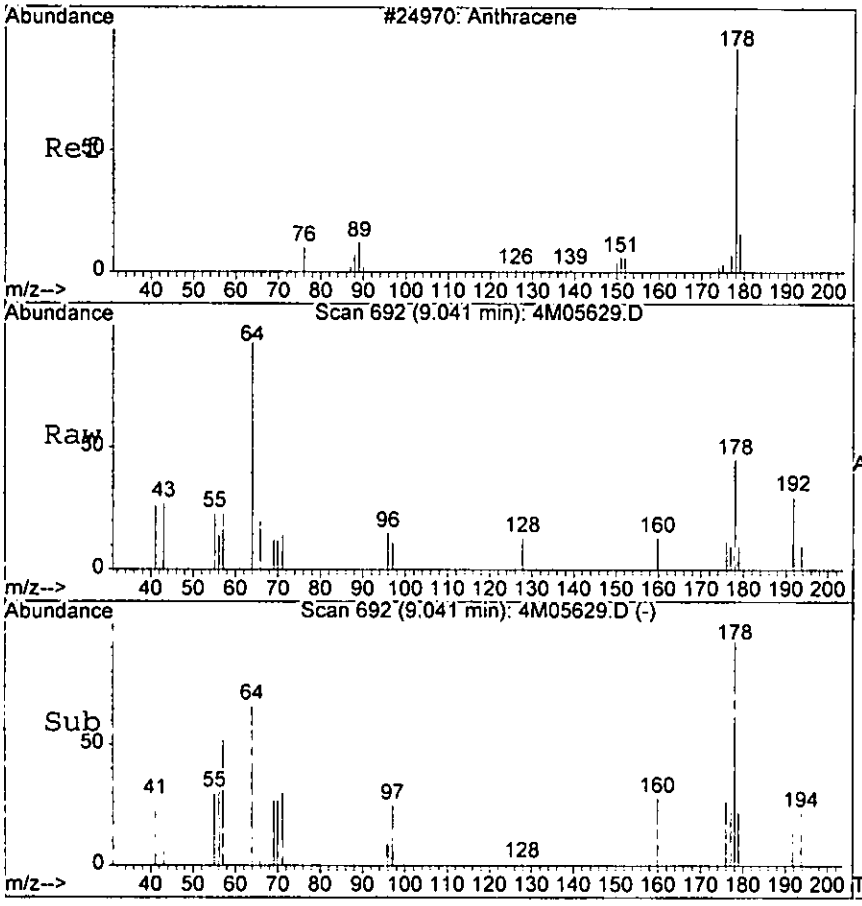


#67
Phenanthrene
Concen: 5.23 ng
RT: 8.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:178 Resp: 11393

Ion	Ratio	Lower	Upper
178	100		
179	16.9	0.0	56.6
176	21.2	0.0	60.5

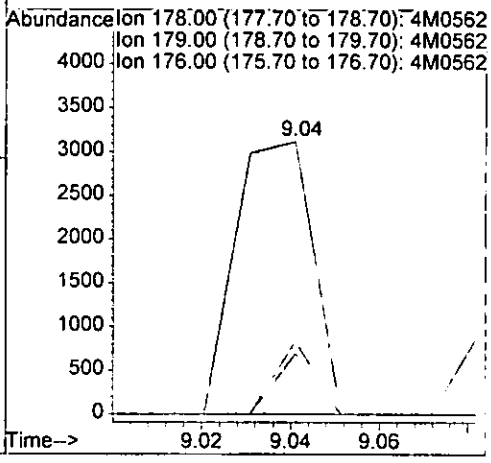


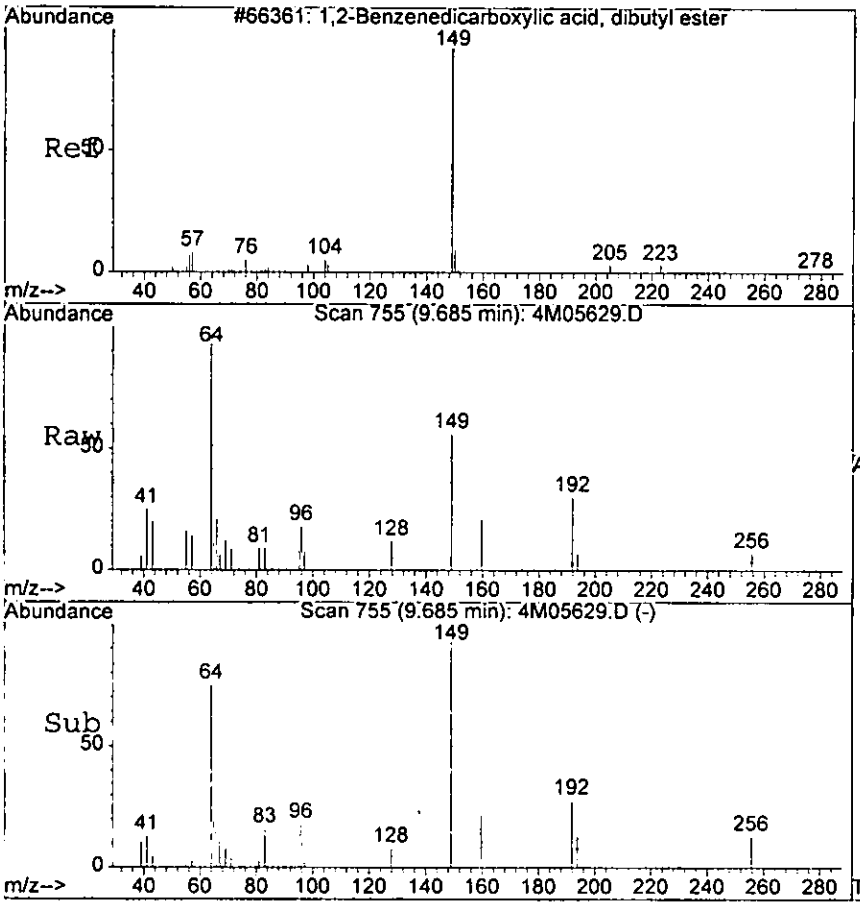


#68
Anthracene
Concen: 1.66 ng
RT: 9.04 min Scan# 692
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:178 Resp: 3745

Ion	Ratio	Lower	Upper
178	100		
179	22.2	0.0	56.6
176	26.7	0.0	60.2

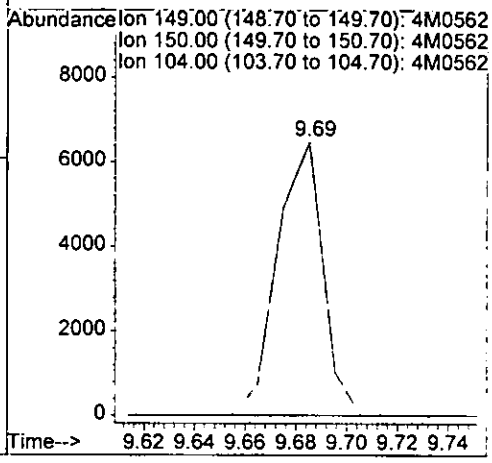




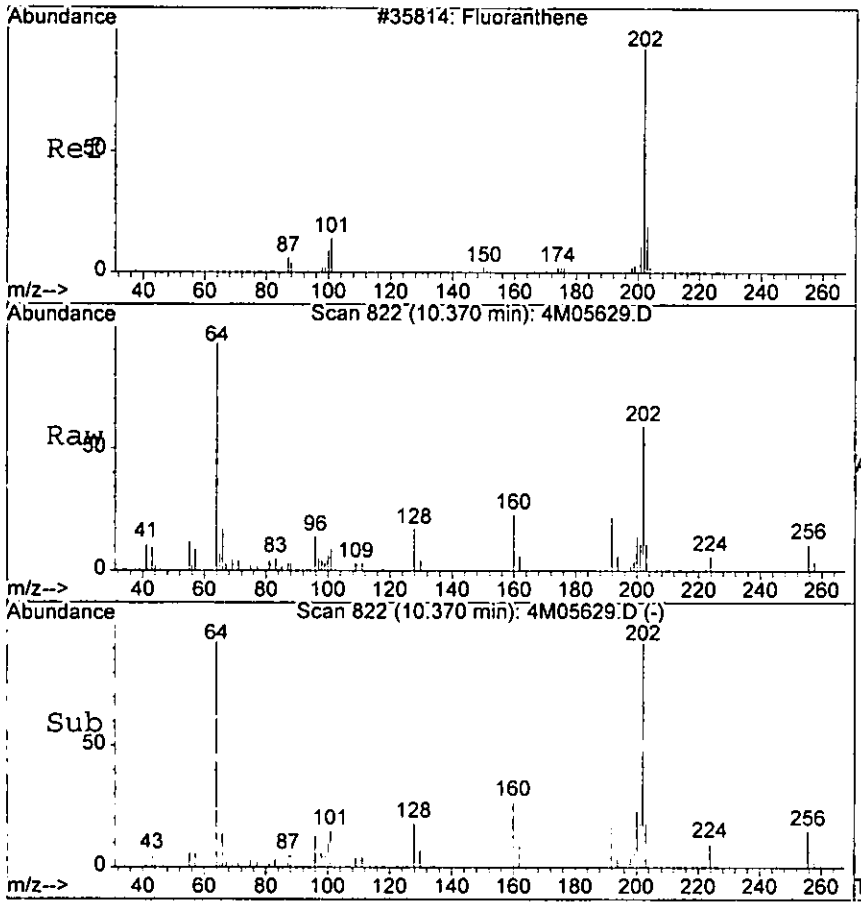
#70
Di-n-butylphthalate
Concen: 2.81 ng
RT: 9.69 min Scan# 755
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:149 Resp: 8052

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



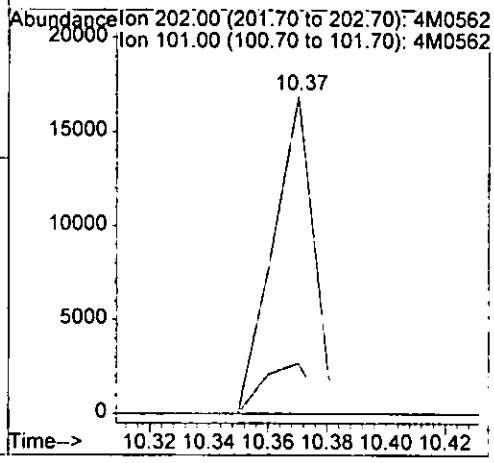
1675



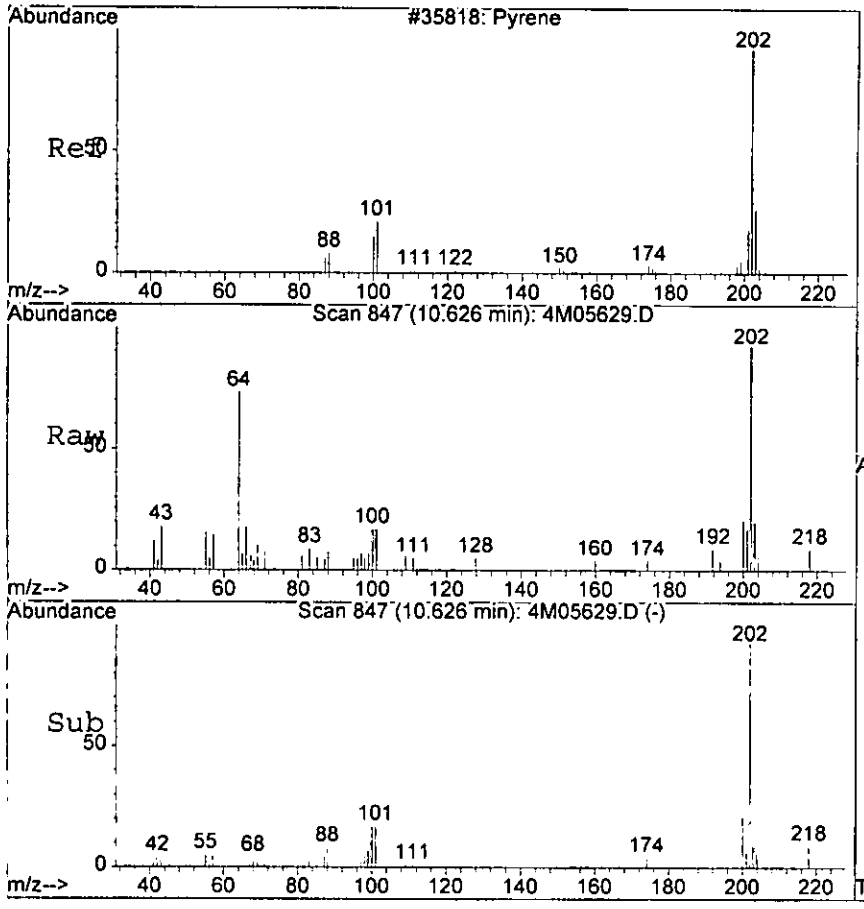
#71
Fluoranthene
Concen: 7.11 ng
RT: 10.37 min Scan# 822
Delta R.T. -0.02 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:202 Resp: 16261

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	58.3



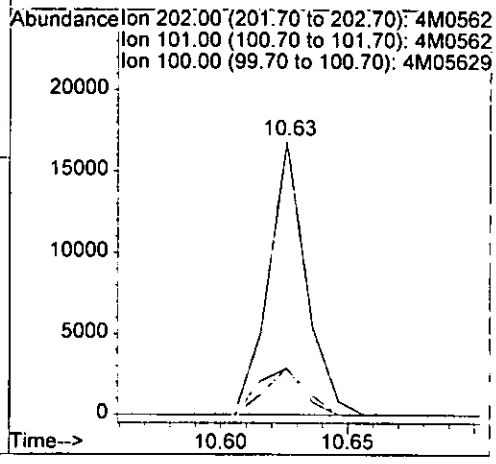
1875



#73
Pyrene
Concen: 8.24 ng
RT: 10.63 min Scan# 847
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

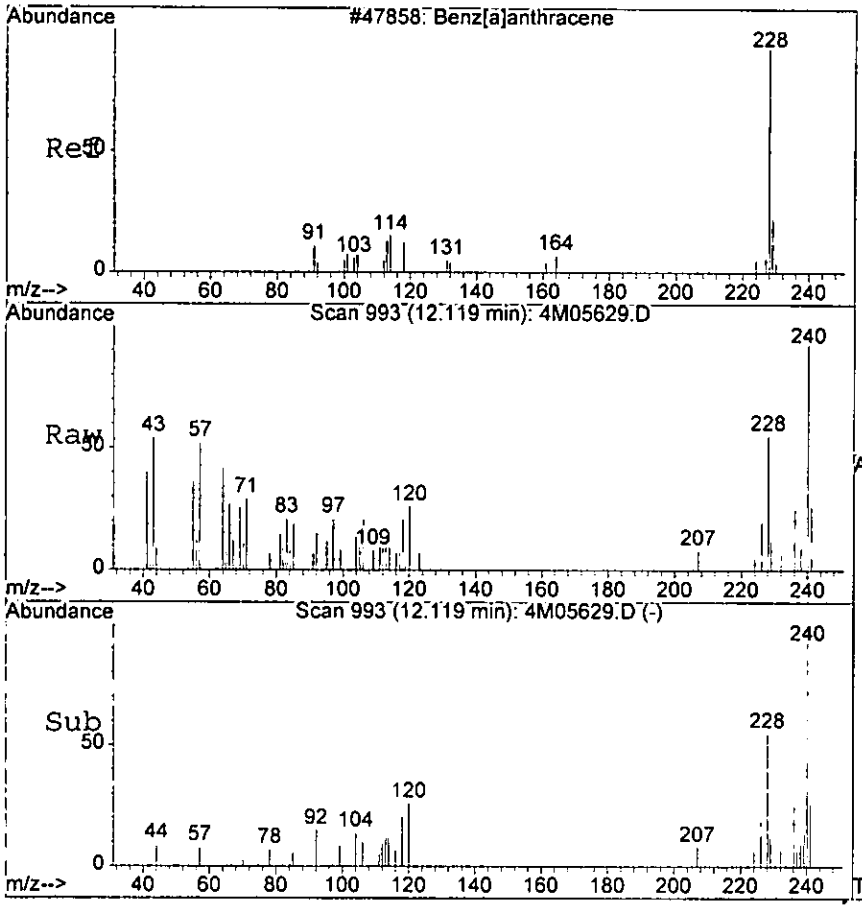
Tgt Ion:202 Resp: 17270

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	62.7
100	17.1	0.0	60.5



1876

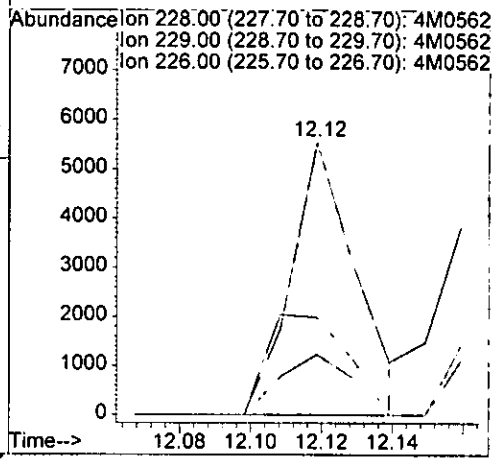
8241

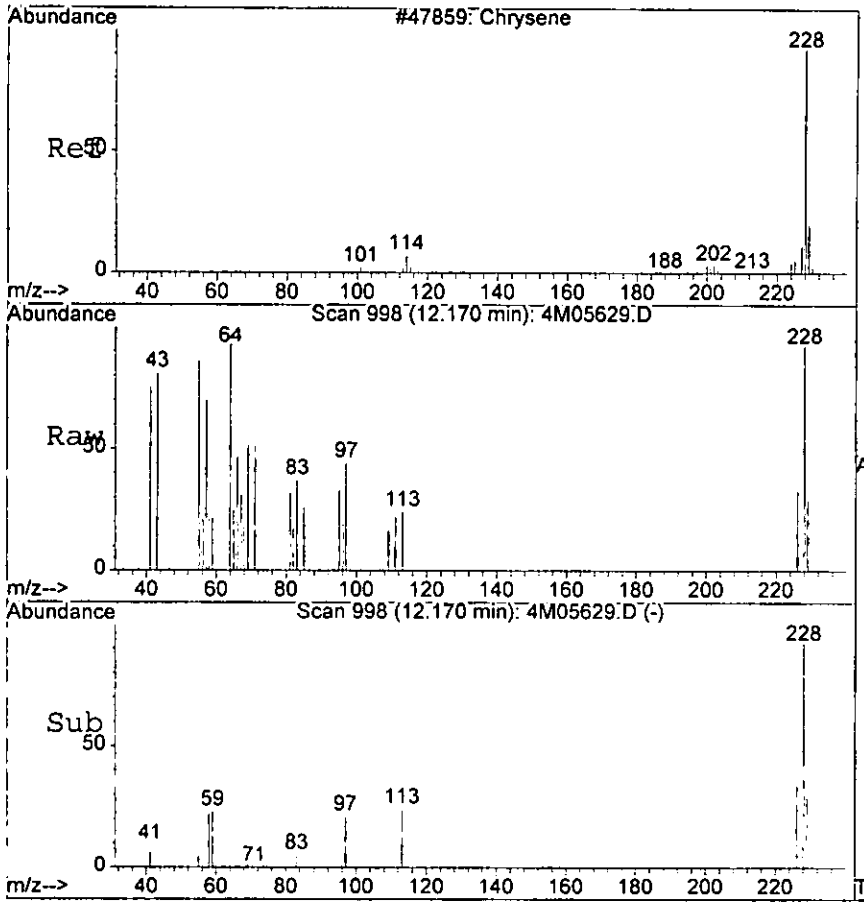


#78
Benzo[a]anthracene
Concen: 4.00 ng
RT: 12.12 min Scan# 993
Delta R.T. -0.04 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:228 Resp: 7019

Ion	Ratio	Lower	Upper
228	100		
229	22.2	0.0	60.5
226	35.8	0.0	69.0

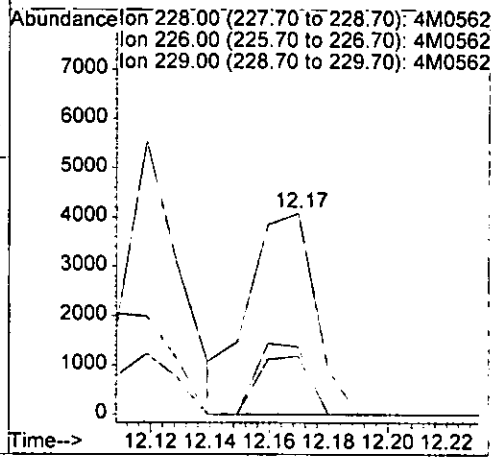


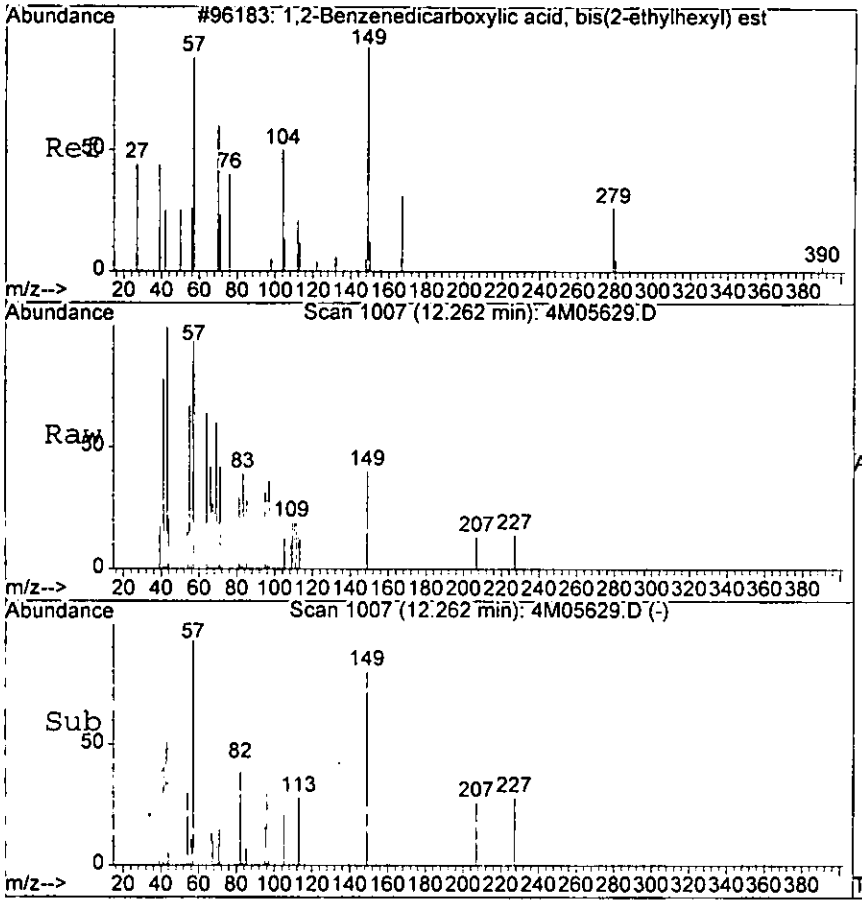


#79
Chrysene
Concen: 4.01 ng
RT: 12.17 min Scan# 998
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:228 Resp: 6327

Ion	Ratio	Lower	Upper
228	100		
226	33.7	12.0	52.0
229	29.2	0.0	61.1

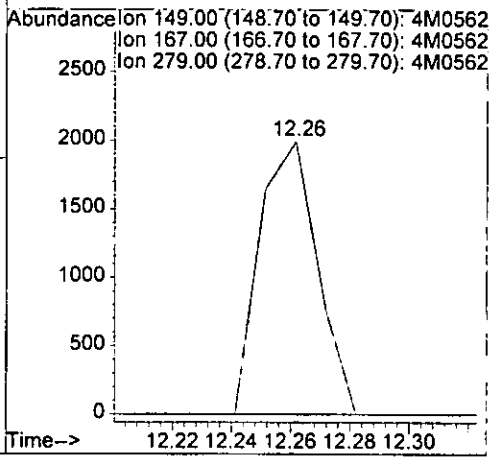


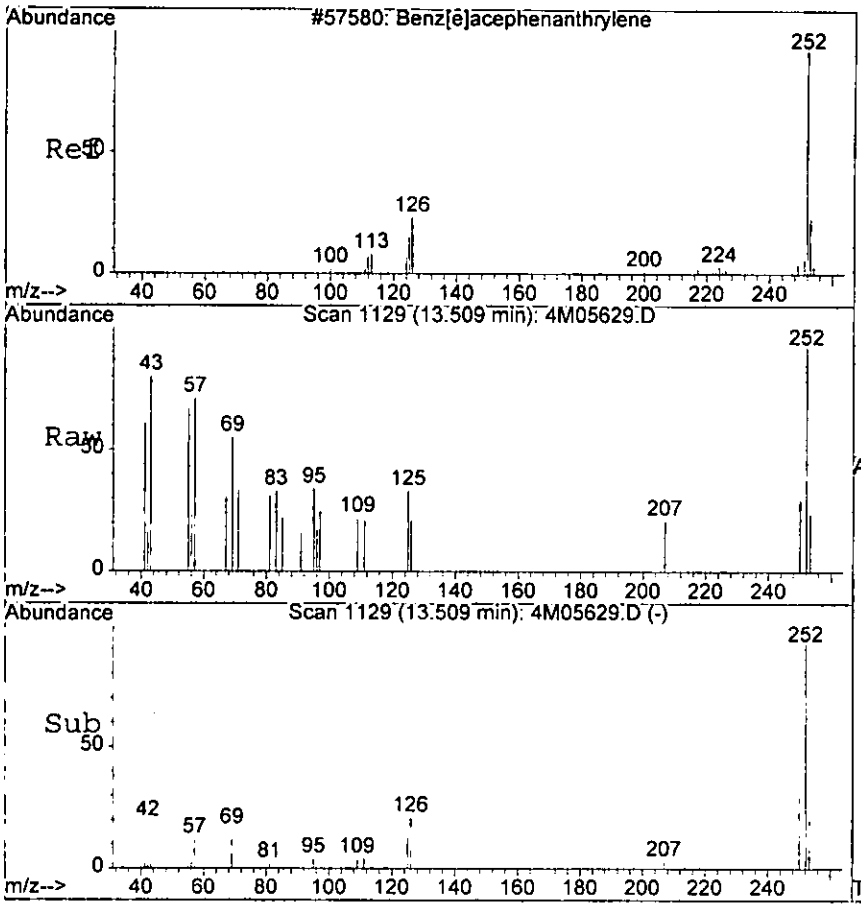


#80
bis(2-Ethylhexyl)phthalate
Concen: 2.02 ng
RT: 12.26 min Scan# 1007
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:149 Resp: 2696

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

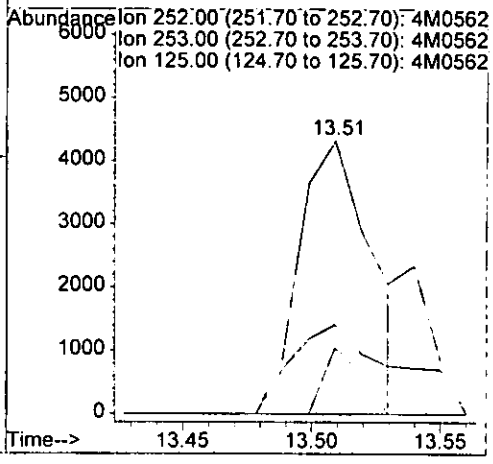




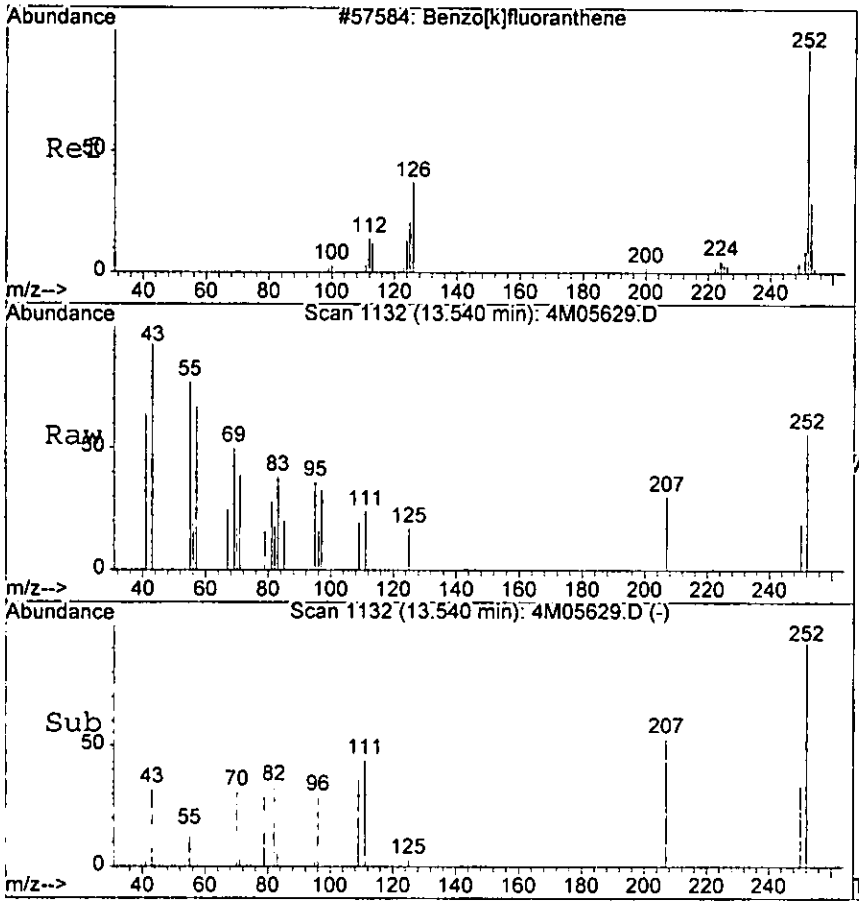
#83
Benzo[b]fluoranthene
Concen: 4.47 ng m
RT: 13.51 min Scan# 1129
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:252 Resp: 8451

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	63.3
125	32.7	0.0	57.6



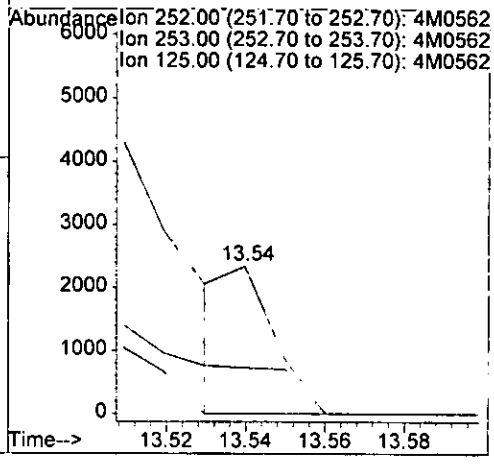
1875



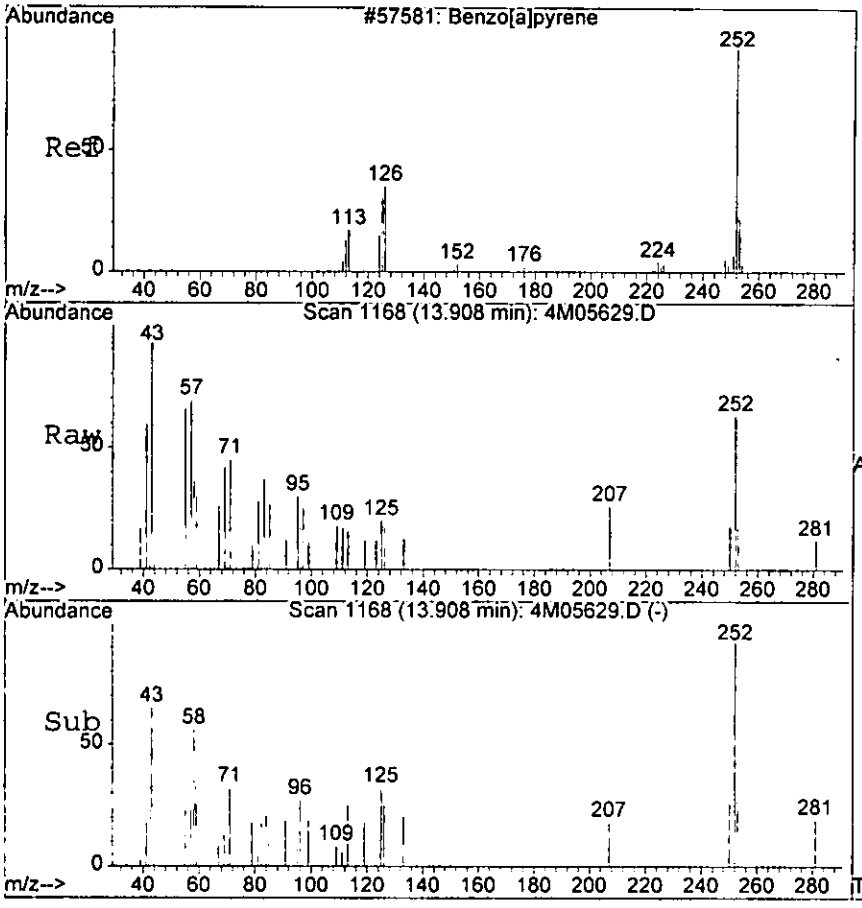
#84
Benzo[k]fluoranthene
Concen: 1.19 ng m
RT: 13.54 min Scan# 1132
Delta R.T. -0.04 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:252 Resp: 1957

Ion	Ratio	Lower	Upper
252	100		
253	0.0	0.0	63.5
125	31.2	0.0	53.8



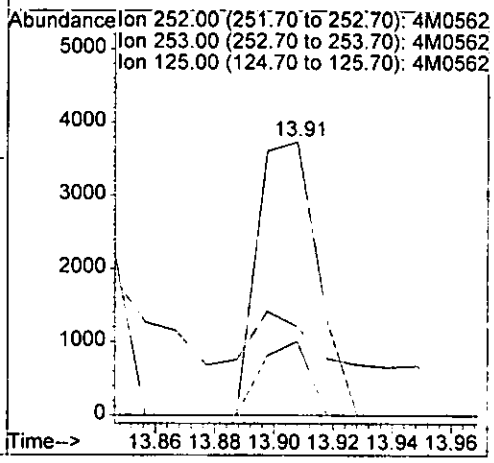
1877



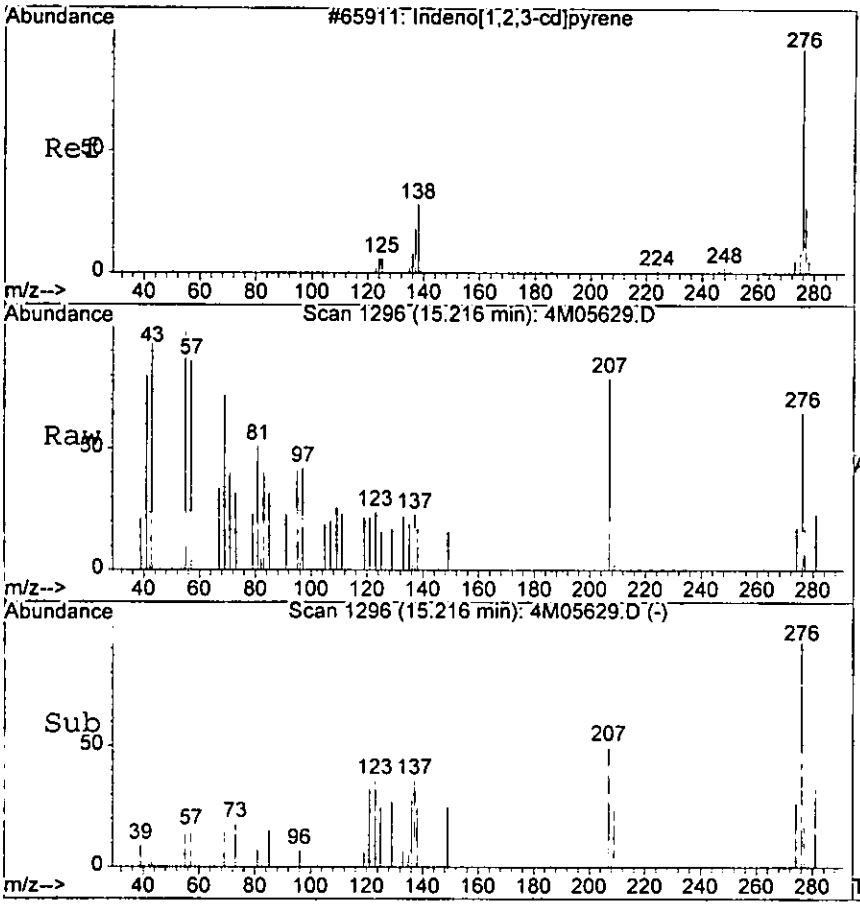
#85
Benzo[a]pyrene
Concen: 3.33 ng
RT: 13.91 min Scan# 1168
Delta R.T. -0.04 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:252 Resp: 5274

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	62.9
125	14.9	0.0	57.6



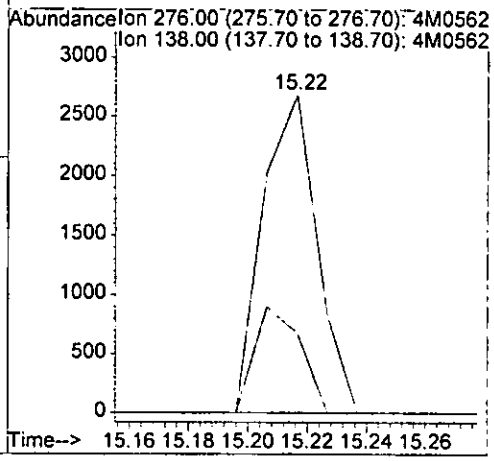
18176

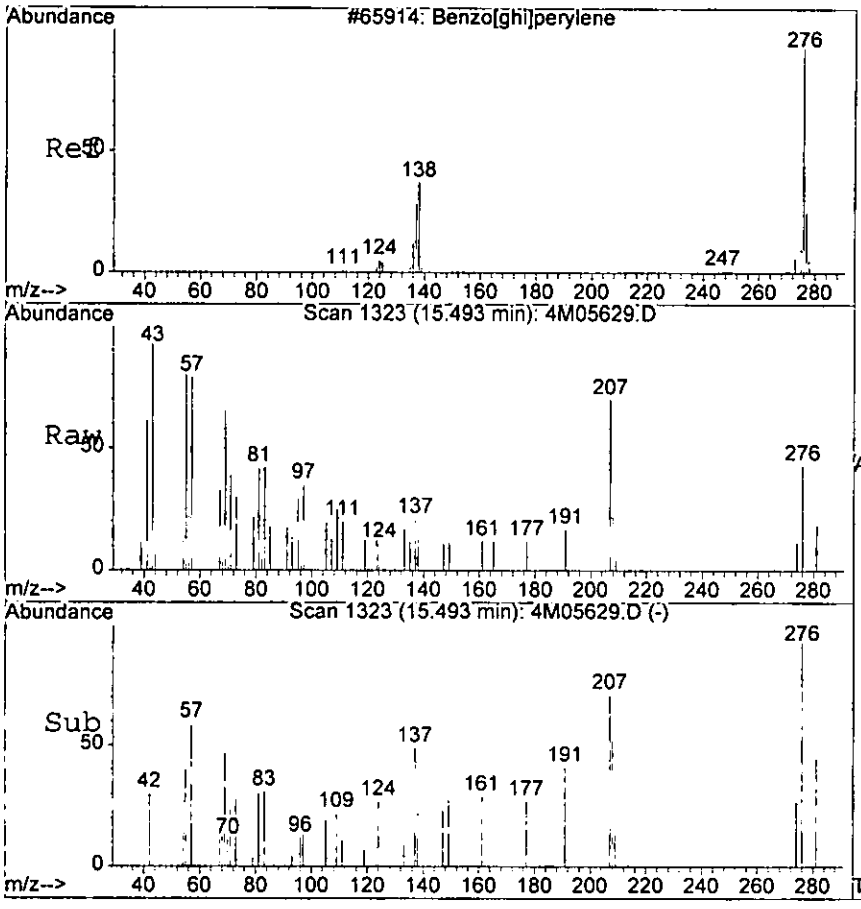


#86
Indeno[1,2,3-cd]pyrene
Concen: 2.05 ng
RT: 15.22 min Scan# 1296
Delta R.T. -0.03 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:276 Resp: 3395

Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.0	73.4





#88
Benzo[g,h,i]perylene
Concen: 2.27 ng
RT: 15.49 min Scan# 1323
Delta R.T. -0.04 min
Lab File: 4M05629.D
Acq: 15 Aug 2005 23:37

Tgt Ion:276 Resp: 3012

Ion	Ratio	Lower	Upper
276	100		
138	43.7	0.0	74.1
277	0.0	0.0	65.0