User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 10:05:58

Sample: AE08436
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 10:05 Ended: 4/18/2002 10:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		80	5.0

:omments for Sample AE08436 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Vinci, David L
)ate: 04-18-2002 Time: 10:06:03

'he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual ompounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D Vial: 25
Acq On : 16 Apr 2002 7:35 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:43 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	527103	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1930724	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	1089836	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1552230	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	978847	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	629981	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	43680	8.00	ug/L	-0.02
Spiked Amount 10.000			Recovery = 80.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.50	165	176	N.D.		
25) Diethylphthalate	22.65	149	841	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

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Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

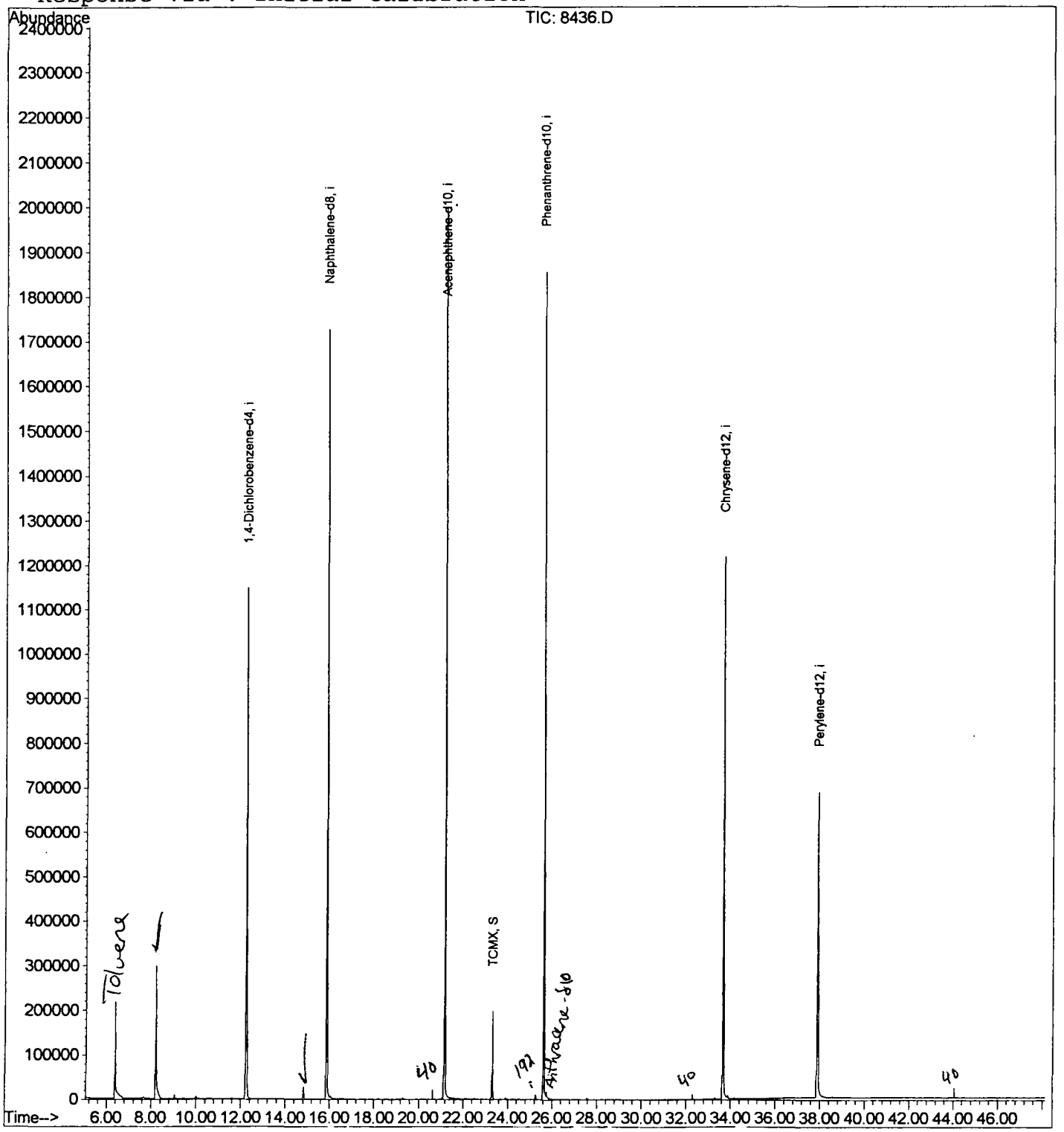
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.61	178	433	N.D.	
35)	Anthracene	25.61	178	433	N.D.	
36)	Di-n-butylphthalate	27.58	149	3972	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.66	228	2028	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.88	149	5383	N.D.	
44)	Chrysene	33.66	228	2028	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	37.90	252	2327	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D Vial: 25
Acq On : 16 Apr 2002 7:35 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:43 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D Vial: 25
Acq On : 16 Apr 2002 7:35 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

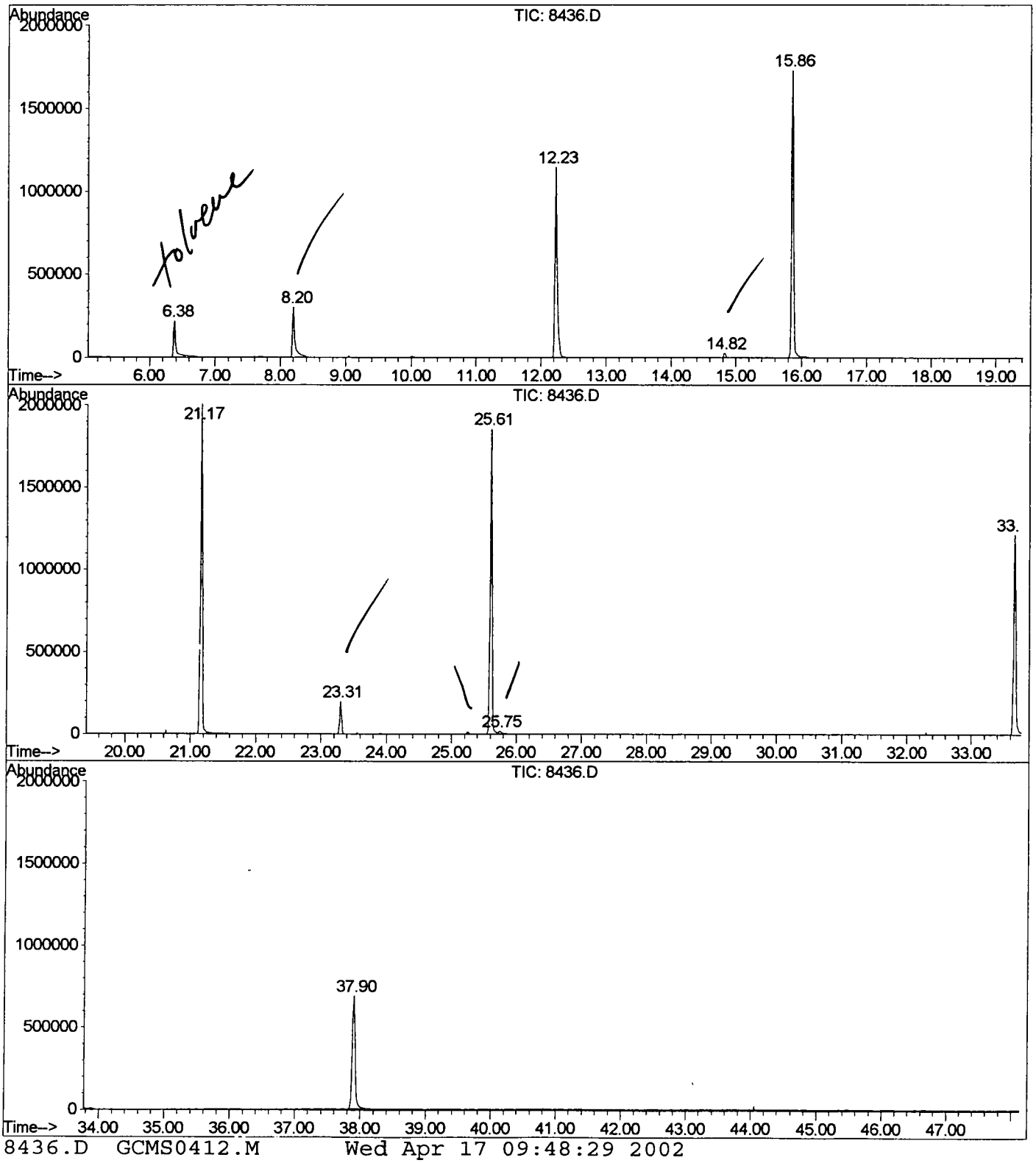
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.378	140	145	163	rBV	216992	519076	12.41%	2.437%
2	8.196	340	343	369	rBV	298397	779159	18.64%	3.659%
3	12.226	777	782	801	rVB	1146289	2798317	66.93%	13.140%
4	14.824	1061	1065	1070	rVB	27489	53402	1.28%	0.251%
5	15.862	1172	1178	1196	rBV	1727287	3619016	86.56%	16.994%
6	21.168	1750	1756	1774	rBV	2000444	4181142	100.00%	19.634%
7	23.307	1981	1989	1997	rVB	197051	391858	9.37%	1.840%
8	25.611	2233	2240	2251	rBV	1855834	3926834	93.92%	18.440%
9	25.749	2251	2255	2265	rVB	15561	45152	1.08%	0.212%
10	33.662	3110	3117	3136	rBV2	1218904	2835592	67.82%	13.315%
11	37.903	3571	3579	3600	rBV2	685729	2146142	51.33%	10.078%

Sum of corrected areas: 21295690

8436.D GCMS0412.M Wed Apr 17 09:48:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8436.D
Operator :
Acquired : 16 Apr 2002 7:35 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/10 fb
Misc Info :
Vial Number: 25
Quant File :GCMS0412.RES (RTE Integrator)



8436.D GCMS0412.M Wed Apr 17 09:48:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D
Acq On : 16 Apr 2002 7:35 am
Sample : gc/ms scan 4/10 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator:
Inst : 209
Multiplr: 1.00

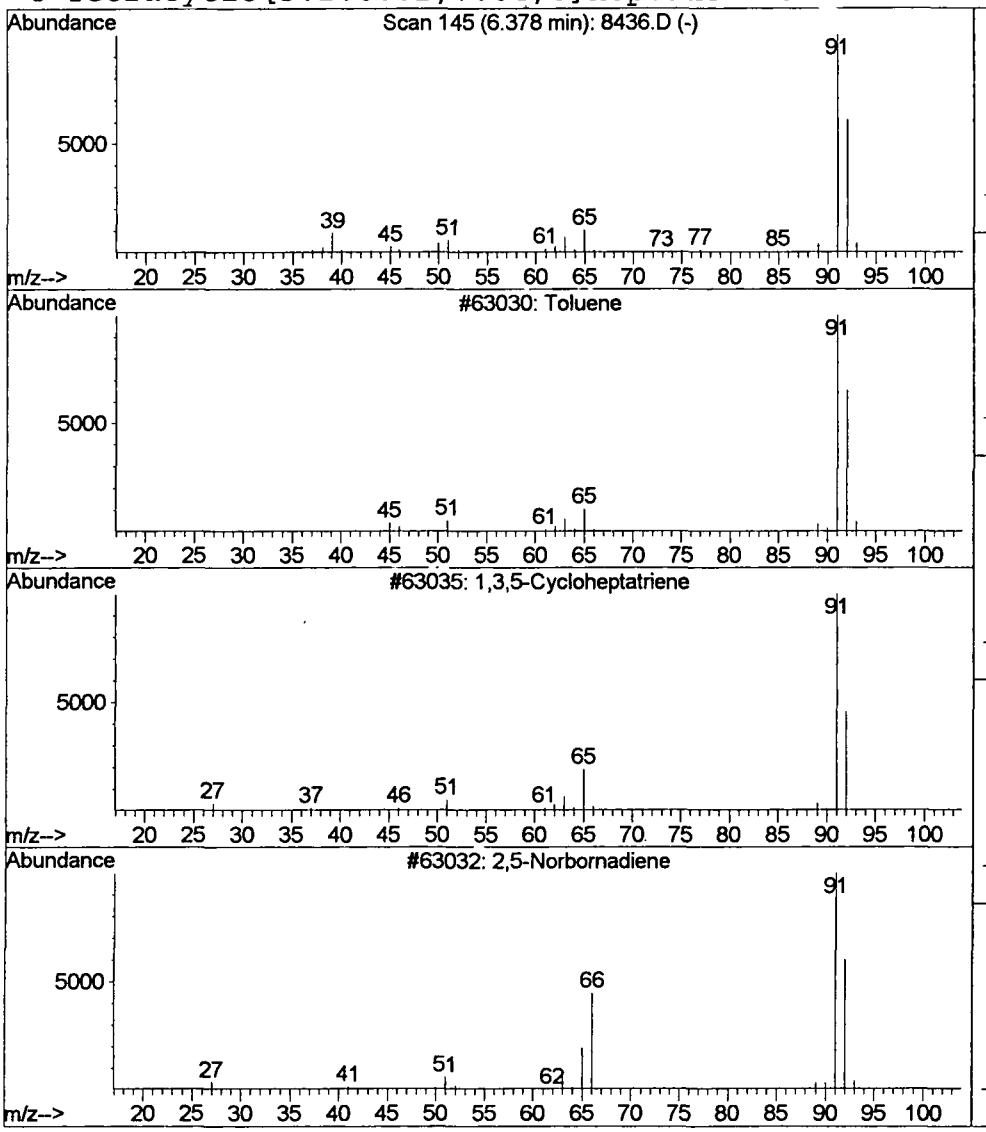
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

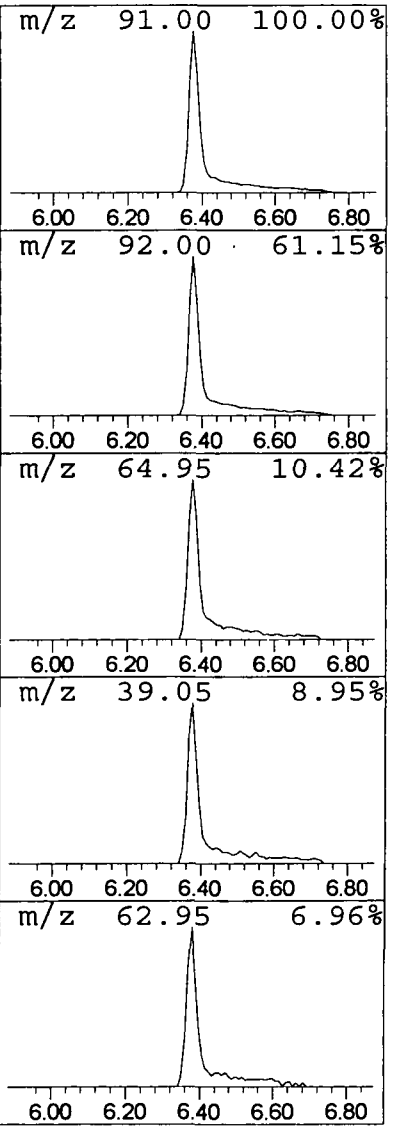
****

Peak Number 1 Toluene — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	3.71 ug/l	519076	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64
3	2,5-Norbornadiene	92	C7H8	000121-46-0	50
4	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	47





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D
Acq On : 16 Apr 2002 7:35 am
Sample : gc/ms scan 4/10 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator:
Inst : 209
Multiplr: 1.00

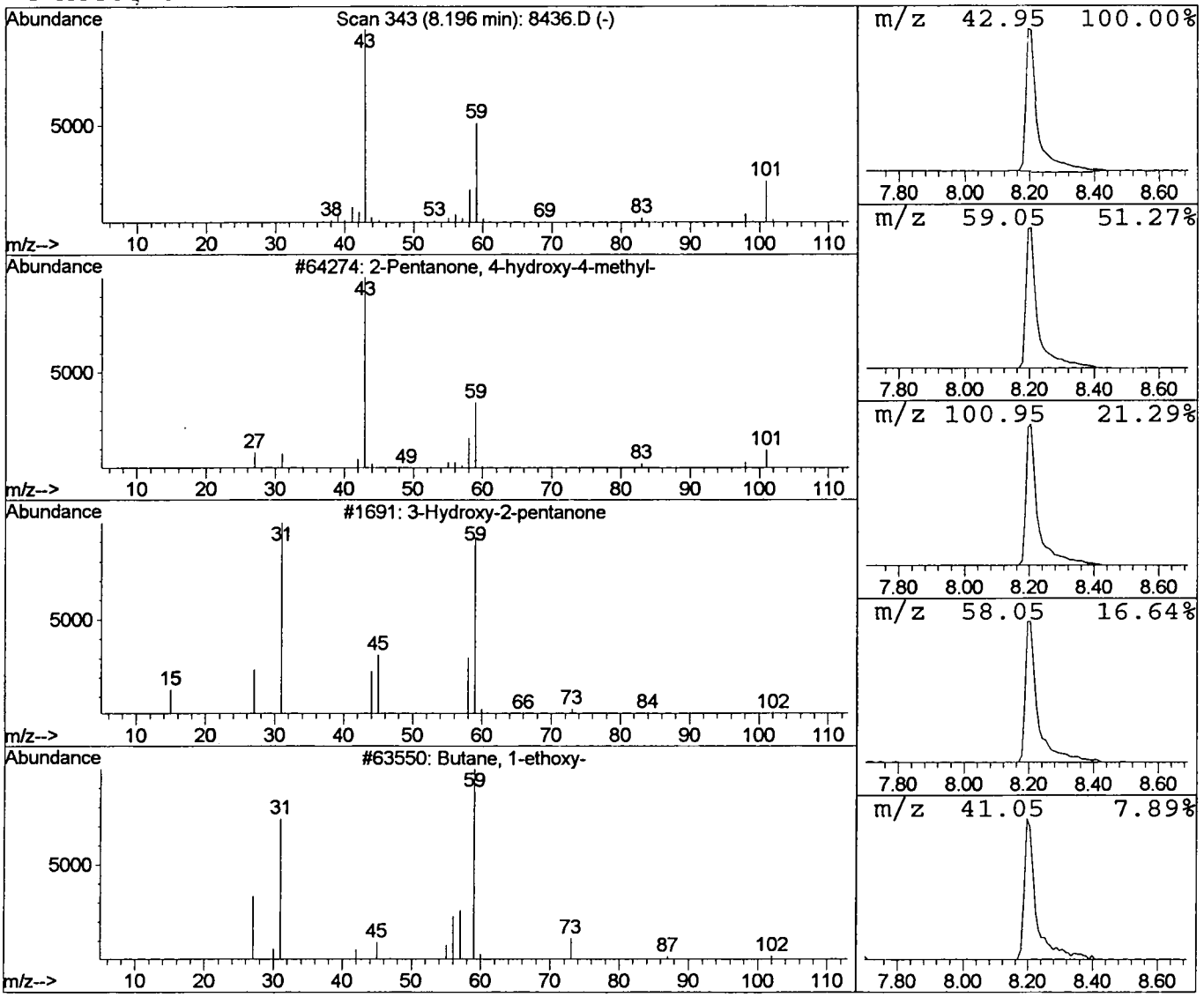
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	5.57 ug/l	779159	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D Vial: 25
Acq On : 16 Apr 2002 7:35 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

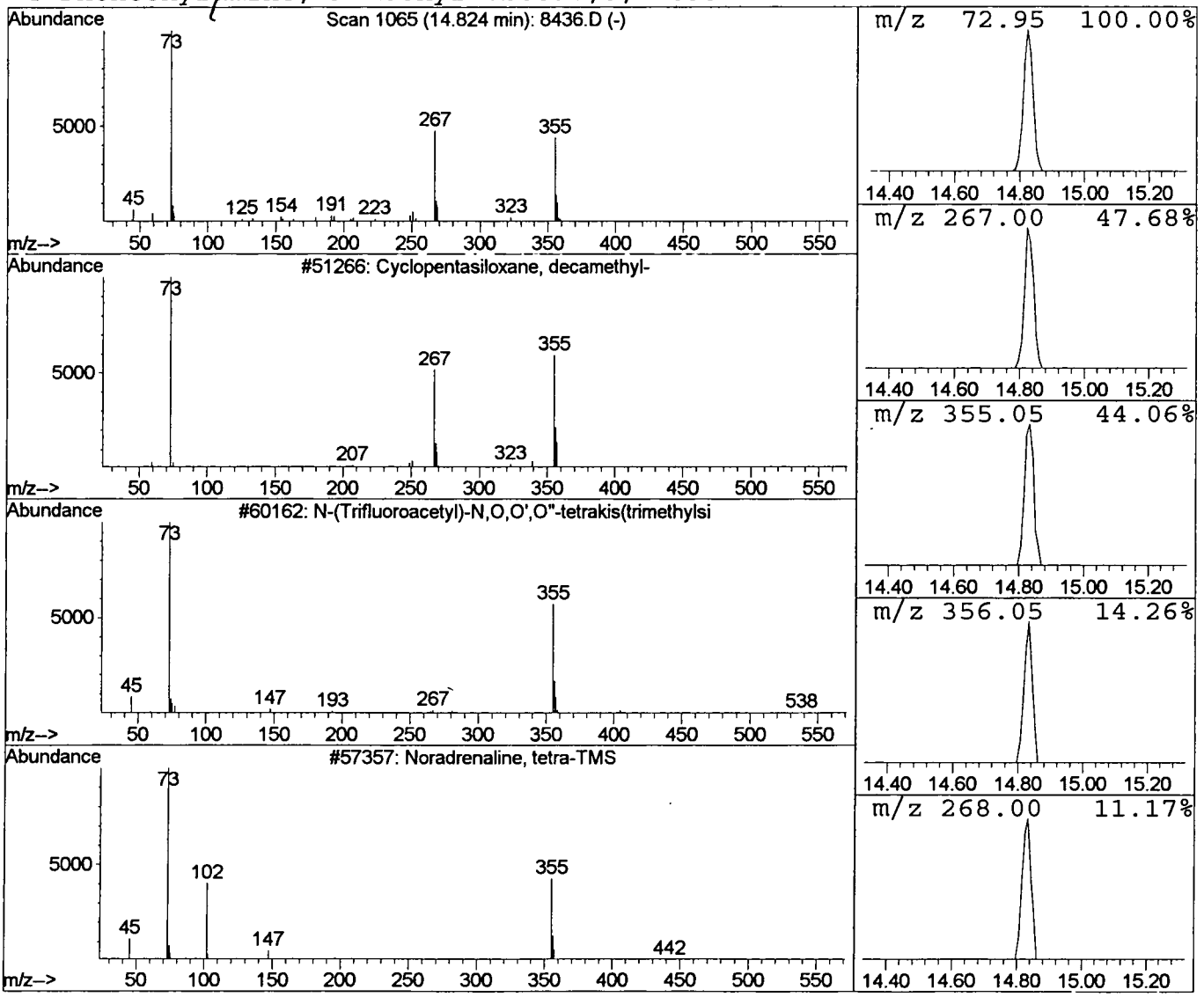
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	0.30 ug/l	53402	Naphthalene-d8	15.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	86
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8436.D Vial: 25
Acq On : 16 Apr 2002 7:35 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

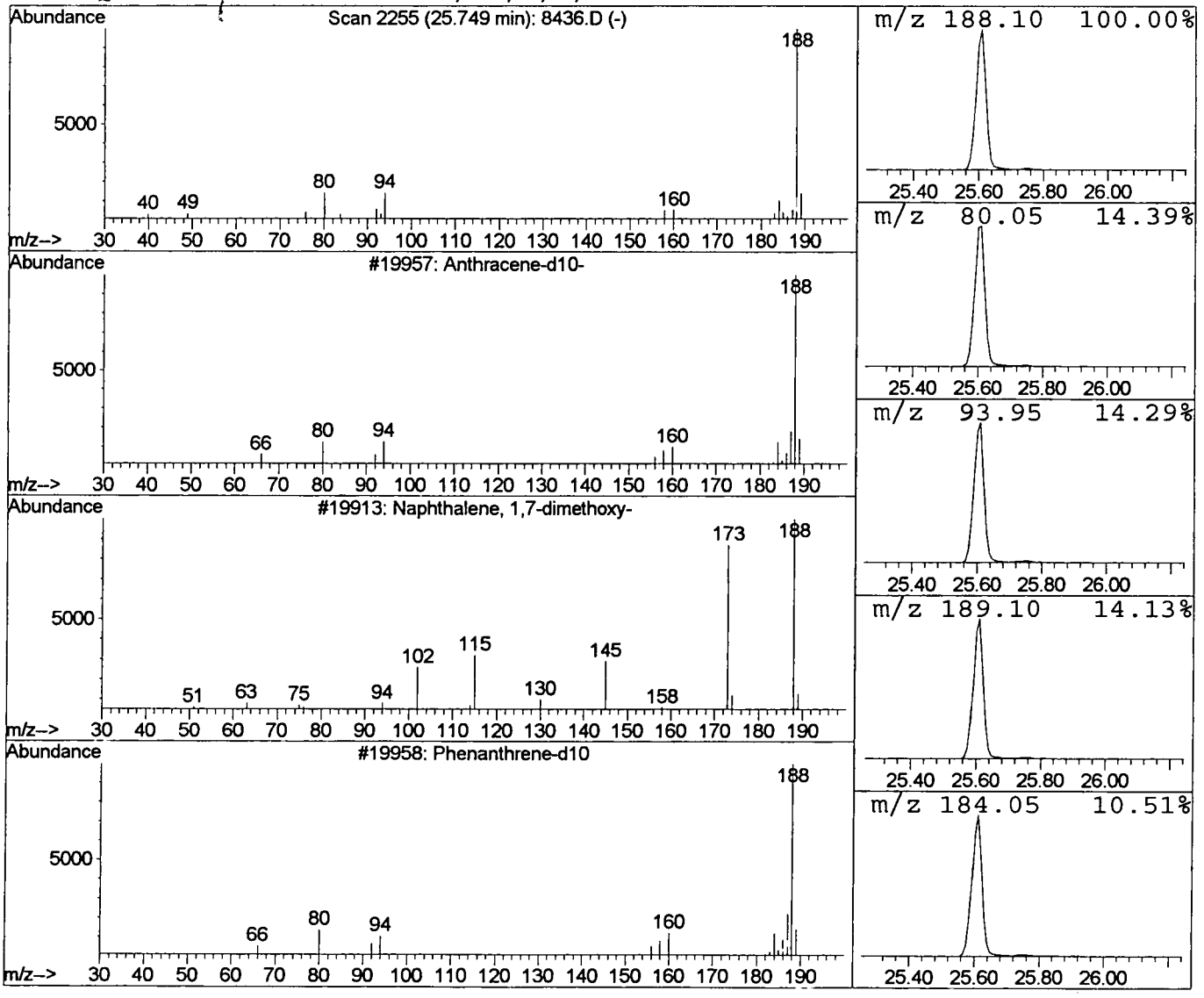
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	0.23 ug/l	45152	Phenanthrene-d10	25.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40
3	Phenanthrene-d10	188	C14D10	001517-22-2	40
4	3-Quinolinecarbonitrile, 1,2,3,4-te	188	C10H8N2O2	022384-05-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 7:35 am
Data File: C:\HPCHEM\1\DATA\APR1202\8436.D
Name: gc/ms scan 4/10 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Toluene	6.38	3.7	ug/l	519076	ISTD01	12.23	2798320	20.0
2-Pentanone, 4-hydro	8.20	5.6	ug/l	779159	ISTD01	12.23	2798320	20.0
Cyclopentasiloxane,	14.82	0.3	ug/l	53402	ISTD02	15.86	3619020	20.0
Anthracene-d10	25.75	0.2	ug/l	45152	ISTD04	25.61	3926830	20.0

8436.D GCMS0412.M Wed Apr 17 09:48:34 2002