User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 09:24:02

Sample: AE05750
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 09:23 Ended: 4/18/02 09:23 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

Comments for Sample AE05750 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 09:24:23

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:37 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	516838	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1908874	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	1081954	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1480665	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	869620	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	575424	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	46841	8.64	ug/L	-0.02
Spiked Amount 10.000			Recovery = 86.40%			
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	12.14	146	171	N.D.		
5) 1,4-Dichlorobenzene	12.14	146	171	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	15.93	128	468	N.D.		
16) Hexachlorobutadiene	16.47	225	194	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	21.44	165	180	N.D.		
25) Diethylphthalate	22.65	149	974	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

Quantitation Report (QT Reviewed)

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

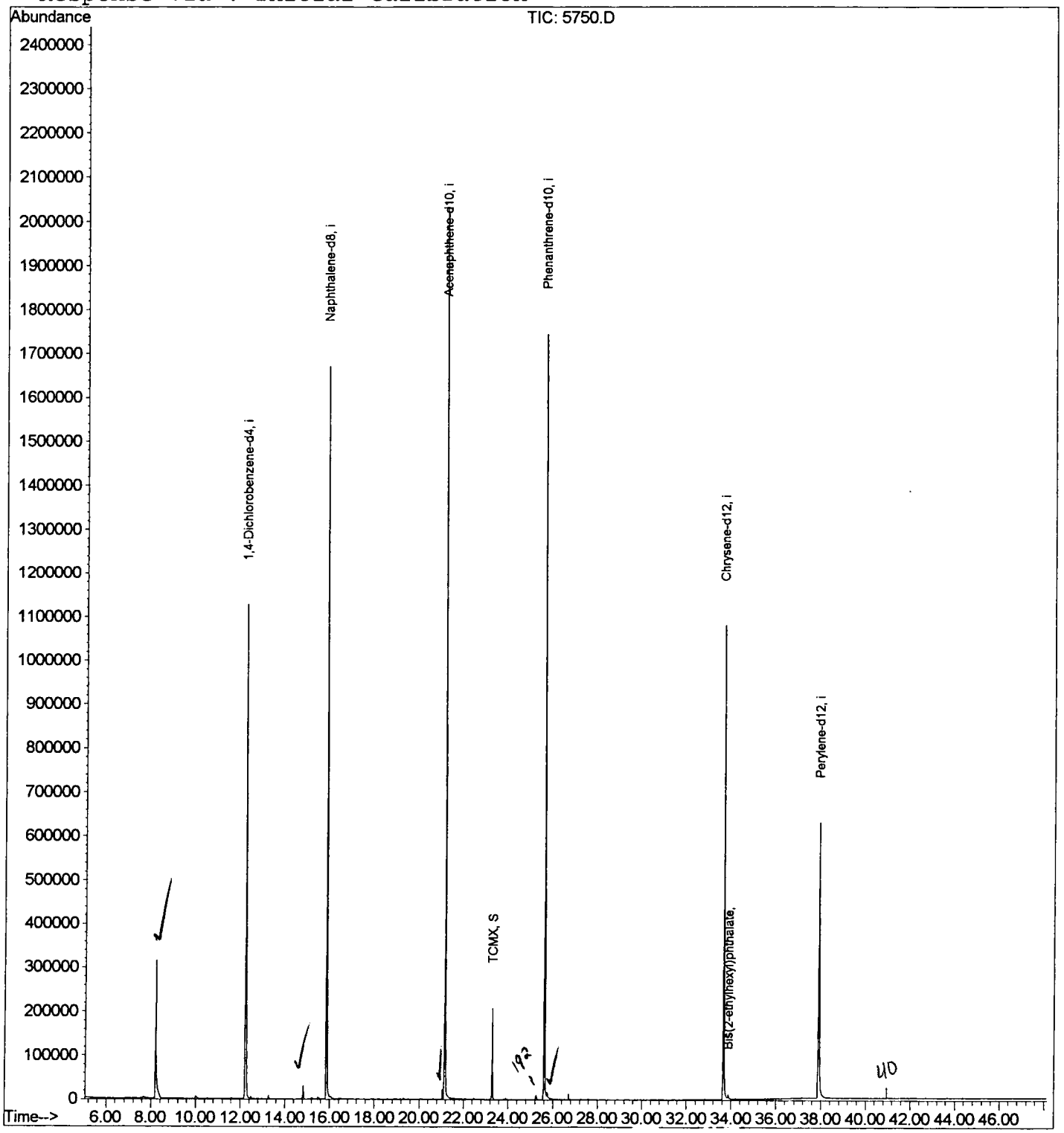
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.60	178	408	N.D.	
35)	Anthracene	25.60	178	408	N.D.	
36)	Di-n-butylphthalate	27.59	149	3510	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.09	149	520	N.D.	
42)	Benzo(a)anthracene	33.66	228	2652	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.88	149	7376	0.34 ug/l #	98
44)	Chrysene	33.73	228	1029	N.D.	
46)	Di-n-Octylphthalate	35.62	149	484	N.D.	
47)	Benzo(b)fluoranthene	36.72	252	656	N.D.	
48)	Benzo(k)fluoranthene	36.79	252	820	N.D.	
49)	Benzo(a)pyrene	37.90	252	2395	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\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:37 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\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract 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

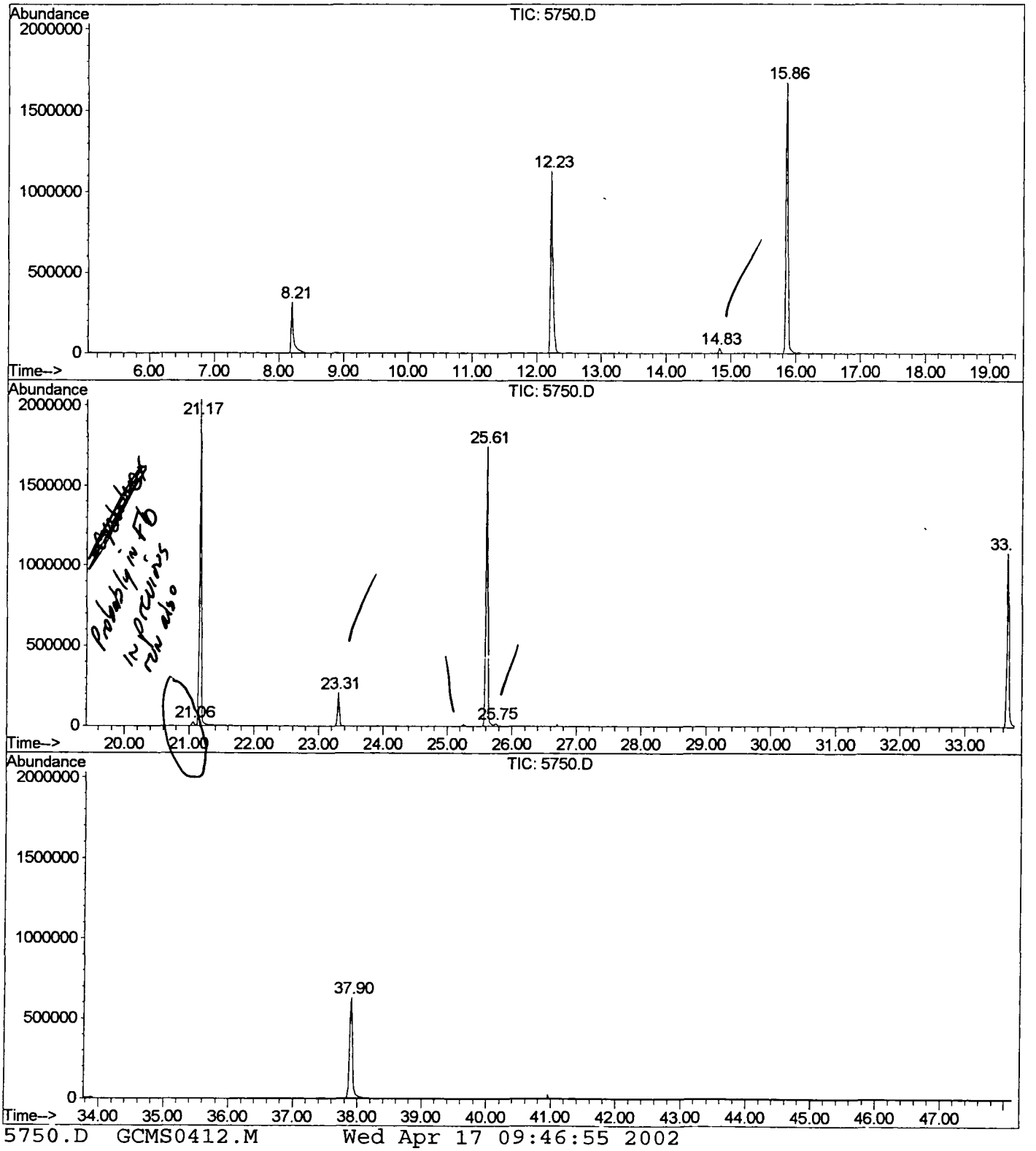
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.206	340	344	371	rVB	314288	819710	19.93%	4.066%
2	12.227	777	782	799	rBV	1125294	2778674	67.57%	13.782%
3	14.825	1060	1065	1070	rBV	29679	59003	1.43%	0.293%
4	15.863	1172	1178	1196	rBV	1669977	3598579	87.50%	17.849%
5	21.059	1739	1744	1749	rBV	23092	46333	1.13%	0.230%
6	21.169	1749	1756	1769	rBV	2031959	4112450	100.00%	20.397%
7	23.308	1982	1989	1997	rBV	206876	409309	9.95%	2.030%
8	25.612	2233	2240	2252	rBV2	1743671	3762693	91.50%	18.663%
9	25.750	2252	2255	2272	rVB2	15777	49939	1.21%	0.248%
10	33.663	3110	3117	3137	rBV2	1080565	2558969	62.22%	12.692%
11	37.905	3570	3579	3601	rBV	626506	1966093	47.81%	9.752%

Sum of corrected areas: 20161752

5750.D GCMS0412.M Wed Apr 17 09:46:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\5750.D
Operator :
Acquired : 16 Apr 2002 1:43 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-extract
Misc Info :
Vial Number: 19
Quant File :GCMS0412.RES (RTE Integrator)



5750.D GCMS0412.M Wed Apr 17 09:46:55 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

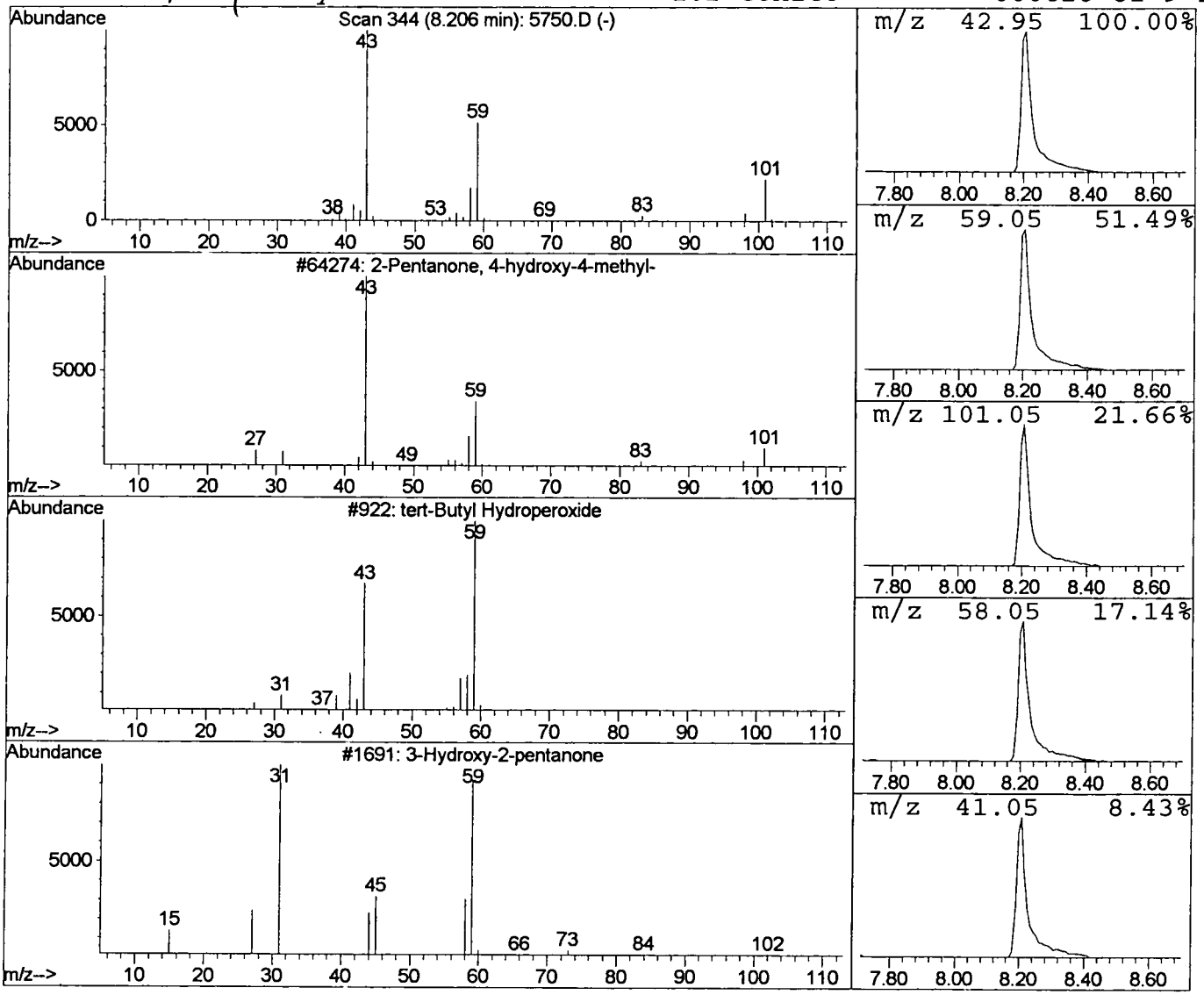
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	5.90 ug/l	819710	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	42
2	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

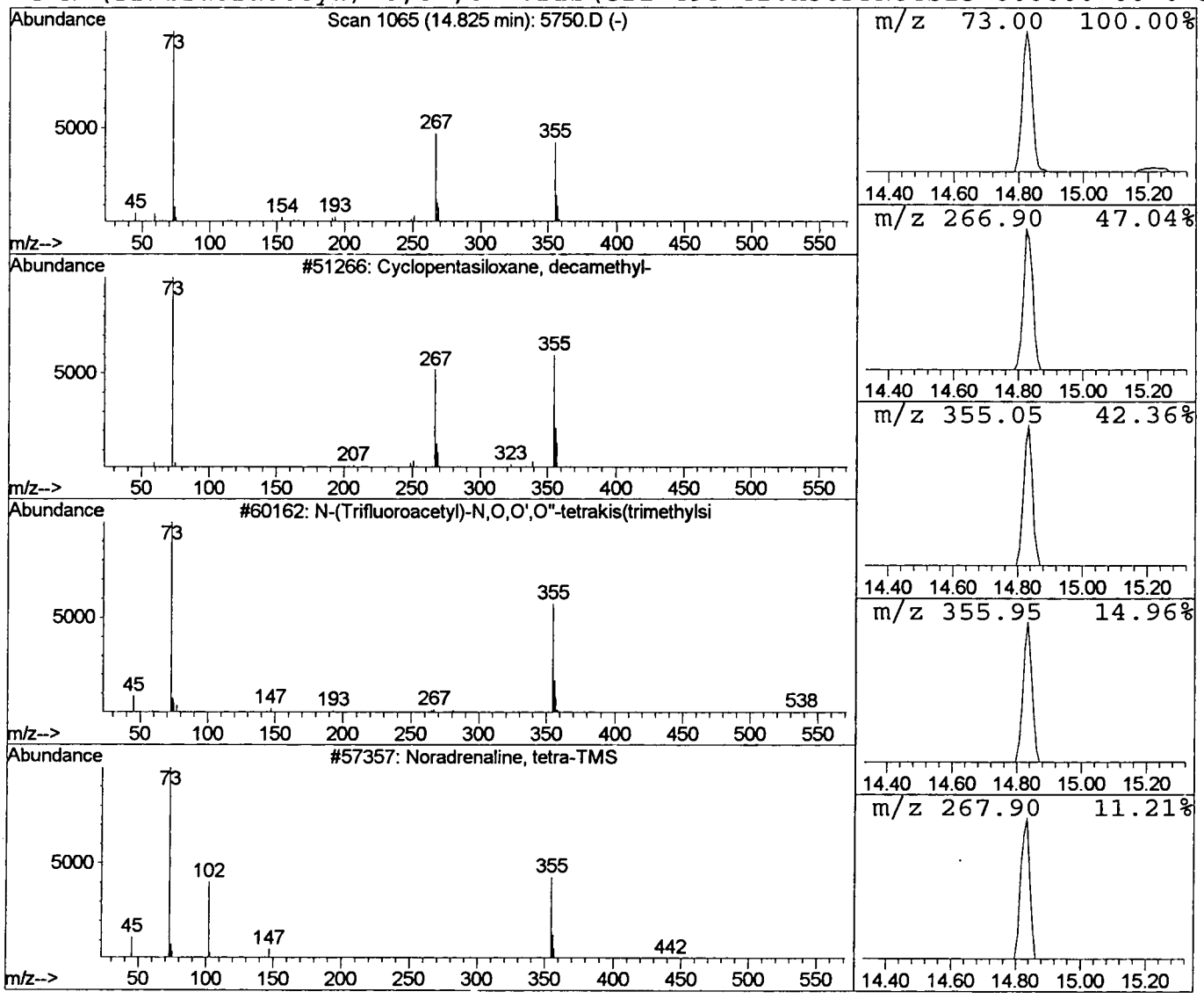
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.33 ug/l	59003	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	N-(Trifluoroacetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

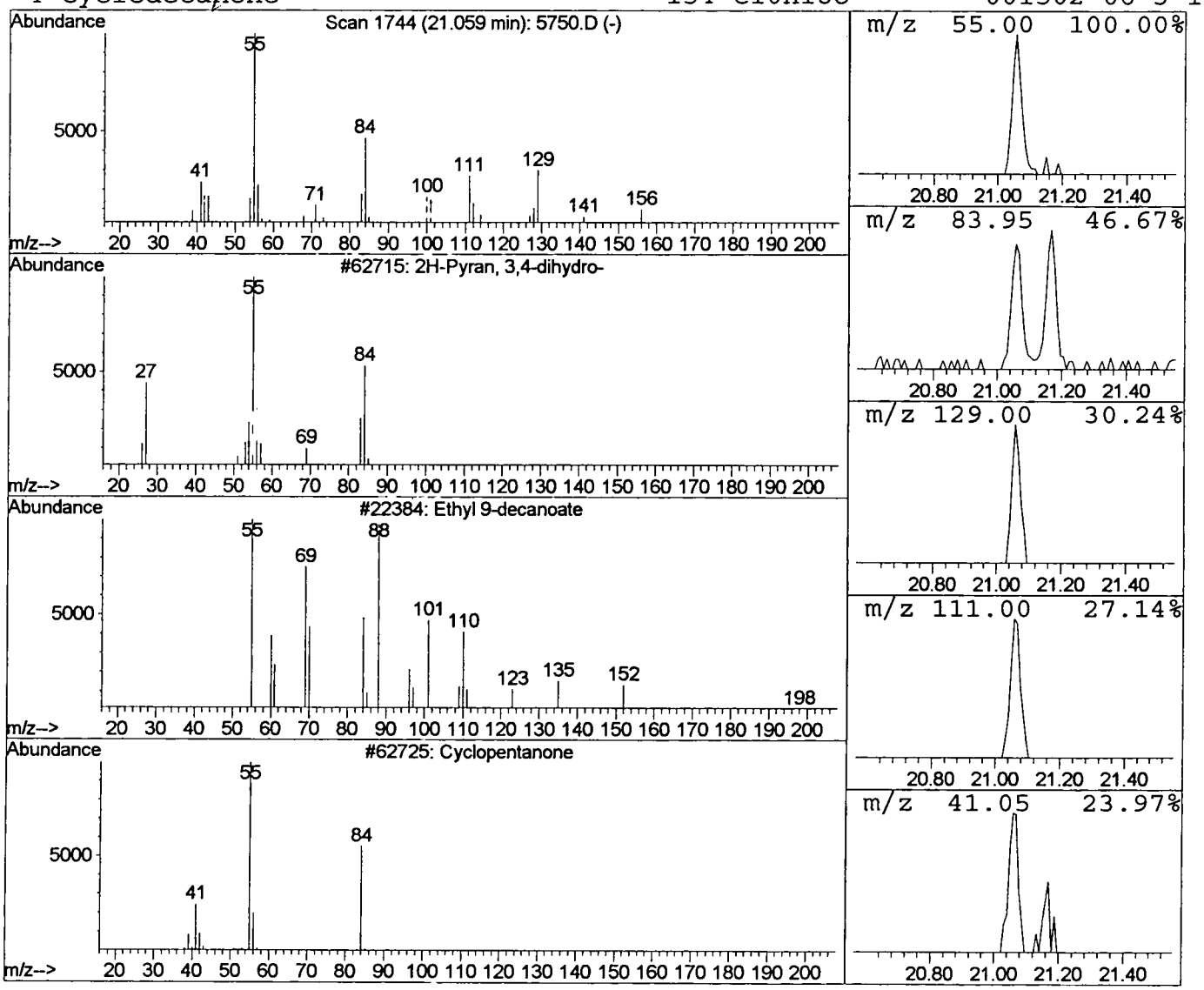
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2H-Pyran, 3,4-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	0.23 ug/l	46333	Acenaphthene-d10	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	22
2	Ethyl 9-decanoate	198	C12H22O2	000000-00-0	14
3	Cyclopentanone	84	C5H8O	000120-92-3	12
4	Cyclodecanone	154	C10H18O	001502-06-3	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\5750.D Vial: 19
Acq On : 16 Apr 2002 1:43 am Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

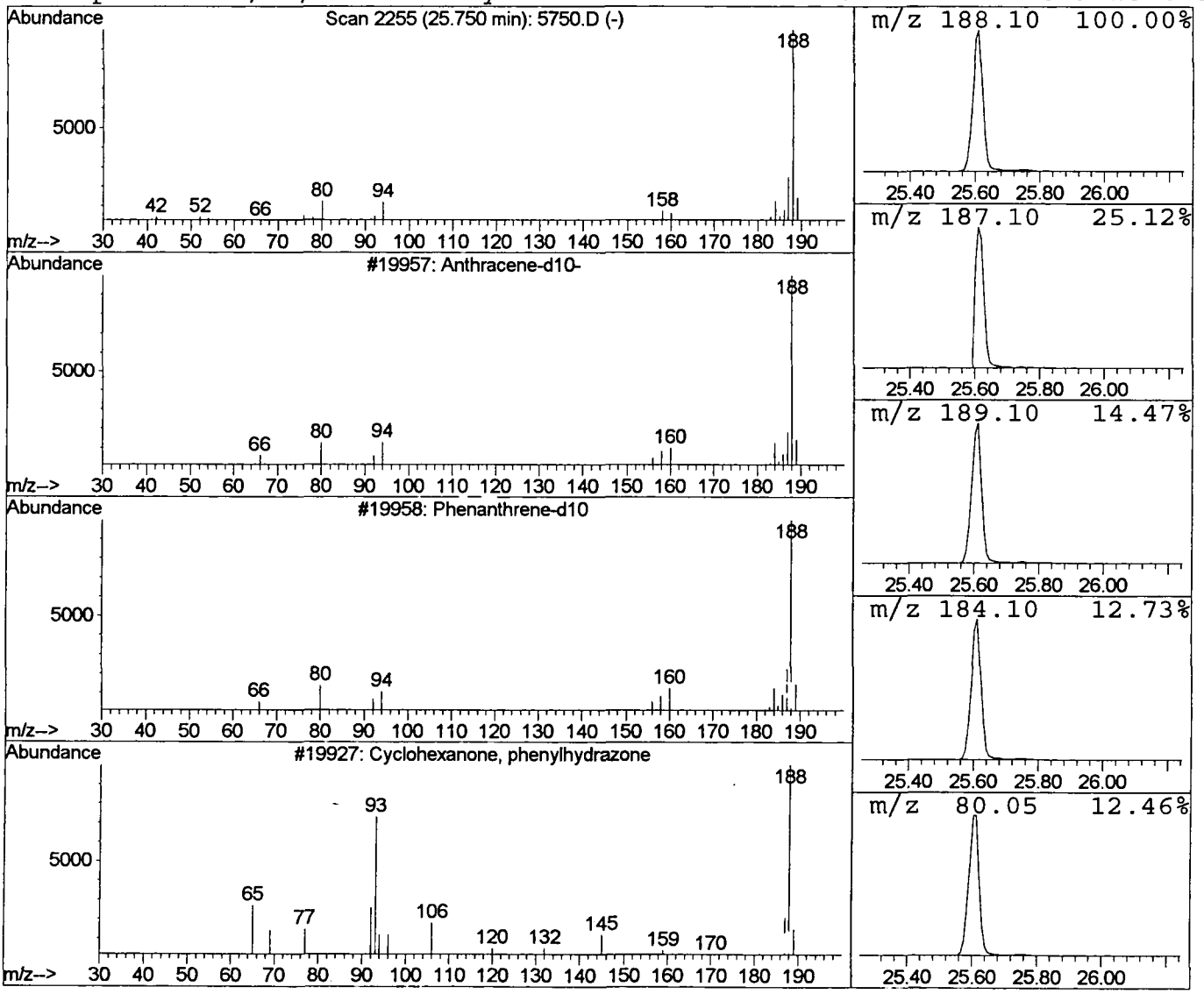
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	0.27 ug/l	49939	Phenanthrene-d10	25.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	90
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	59
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	47



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 1:43 am
Data File: C:\HPCHEM\1\DATA\APR1202\5750.D
Name: re-extract
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
2-Pentanone, 4-hydro	8.21	5.9	ug/l	819710	ISTD01	12.23	2778670	20.0
Cyclopentasiloxane,	14.83	0.3	ug/l	59003	ISTD02	15.86	3598580	20.0
2H-Pyran, 3,4-dihydr	21.06	0.2	ug/l	46333	ISTD03	21.17	4112450	20.0
Anthracene-d10-	25.75	0.3	ug/l	49939	ISTD04	25.61	3762690	20.0

5750.D GCMS0412.M Wed Apr 17 09:46:59 2002