User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 15:30:14

Sample: AE09447
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/8/20 00:00 Ended: 5/8/20 00:00 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		< MDL	2.0
2	bis(2-Chloroethyl)ether		< MDL	2.0
3	1,3-Dichlorobenzene		< MDL	2.0
4	1,4-Dichlorobenzene		< MDL	2.0
5	1,2-Dichlorobenzene		< MDL	2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL	2.0
7	n-Nitrosodi-n-propylamine		< MDL	2.0
8	Hexachloroethane		< MDL	2.0
9	Nitrobenzene		< MDL	2.0
10	Isophorone		< MDL	2.0
11	bis(2-Chloroethoxy)methane		< MDL	2.0
12	1,2,4-Trichlorobenzene		< MDL	2.0
13	Naphthalene		< MDL	2.0
14	Hexachlorobutadiene		< MDL	2.0
15	2-Chloronaphthalene		< MDL	2.0
16	Dimethylphthalate		< MDL	2.0
17	2,6-Dinitrotoluene		< MDL	2.0
18	Acenaphthylene		< MDL	2.0
19	Acenaphthene		< MDL	2.0
20	2,4-Dinitrotoluene		< MDL	2.0
21	Diethylphthalate		< MDL	2.0
22	4-Chlorophenylphenylether		< MDL	2.0
23	Fluorene		< MDL	2.0
24	Azobenzene		< MDL	2.0
25	n-Nitrosodiphenylamine		< MDL	2.0
26	4-Bromophenylphenylether		< MDL	2.0
27	Hexachlorobenzene		< MDL	2.0
28	Phenanthrene		< MDL	2.0
29	Anthracene		< MDL	2.0
30	Di-n-butylphthalate		< MDL	2.0
31	Fluoranthene		< MDL	2.0
32	Pyrene		< MDL	2.0
33	Butylbenzylphthalate		< MDL	2.0
34	Benzo(a)anthracene		< MDL	2.0
35	bis(2-Ethylhexyl)phthalate		< MDL	2.0
36	Chrysene		< MDL	2.0
37	Di-n-octylphthalate		< MDL	2.0
38	Benzo(b)fluoranthene		< MDL	2.0
39	Benzo(k)fluoranthene		< MDL	2.0
40	Benzo(a)pyrene		< MDL	2.0
41	Indeno(1,2,3-cd)pyrene		< MDL	2.0
42	Dibenz(a,h)anthracene		< MDL	2.0
43	Benzo(g,h,i)perylene		< MDL	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D Vial: 3
Acq On : 8 May 2002 11:33 am Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:29 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	470036	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1703598	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.13	164	932169	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1246625	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	618850	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	356176	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	29524	6.37	ug/L	0.00
Spiked Amount 10.000			Recovery = 63.70%			
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	15.89	128	933	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	20.66	152	334	N.D.		
23) Acenaphthene	21.22	153	322	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.61	149	646	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	494	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D Vial: 3
Acq On : 8 May 2002 11:33 am Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:29 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	494	N.D.	
36)	Di-n-butylphthalate	27.55	149	3634	N.D.	
37)	Fluoranthene	29.27	202	570	N.D.	
39)	Pyrene	29.94	202	819	N.D.	
40)	Butylbenzylphthalate	32.08	149	781	N.D.	
41)	Benzo(a)anthracene	33.70	228	2838	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2960	N.D.	
43)	Chrysene	33.70	228	2838	N.D.	
45)	Di-n-Octylphthalate	35.59	149	418	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	2789	N.D.	
47)	Benzo(k)fluoranthene	36.76	252	1806	N.D.	
48)	Benzo(a)pyrene	37.68	252	743	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

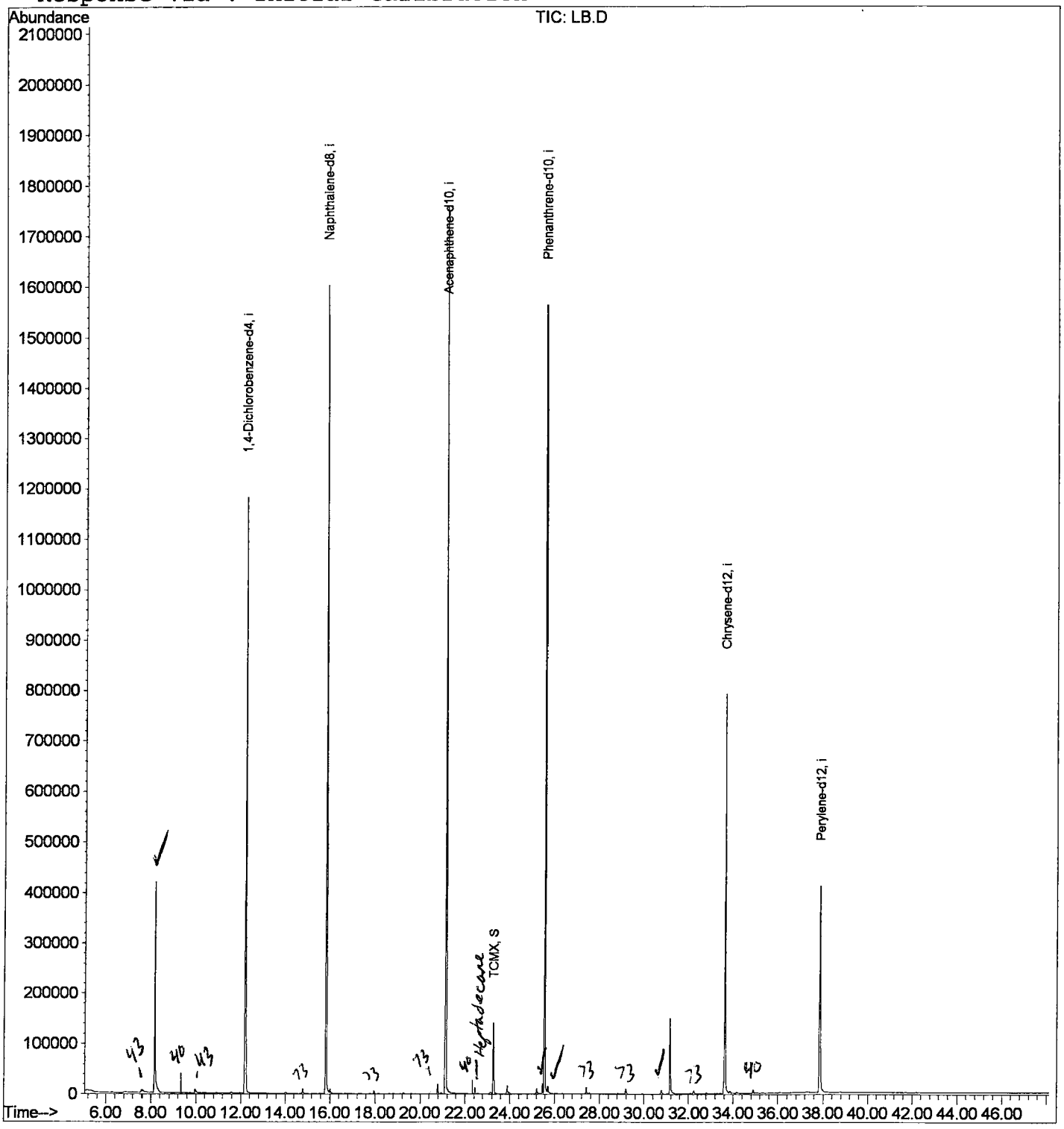
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D
Acq On : 8 May 2002 11:33 am
Sample : GC/MS SCAN 5/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 14:29 2002

Vial: 3
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D Vial: 3
Acq On : 8 May 2002 11:33 am Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

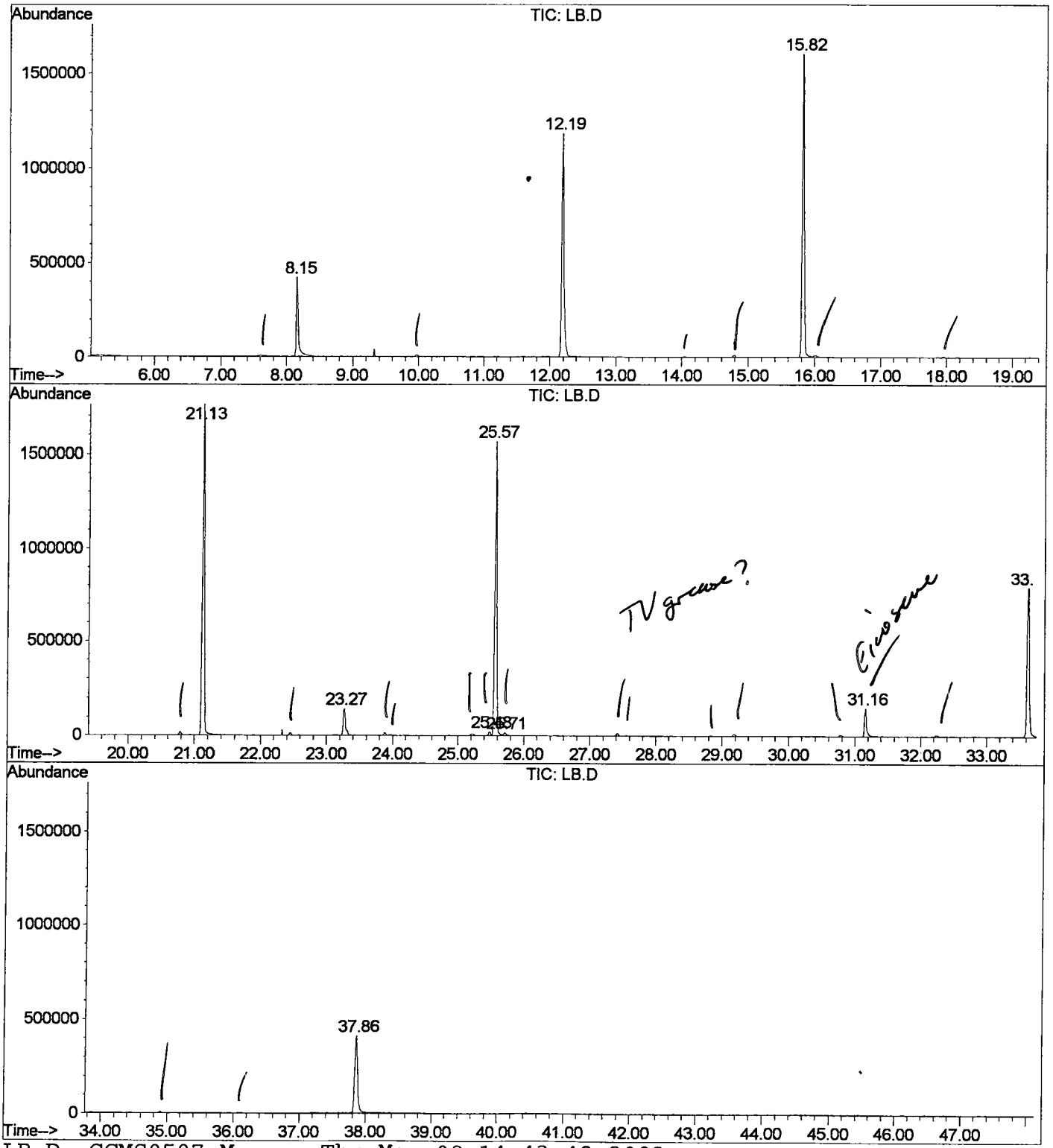
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.153	336	340	368	rBV	418842	919376	24.79%	5.155%
2	12.194	775	781	797	rBV	1181457	2678860	72.24%	15.020%
3	15.823	1171	1177	1194	rBV	1602098	3354359	90.45%	18.807%
4	21.128	1749	1756	1776	rBV	1759692	3708421	100.00%	20.792%
5	23.273	1982	1990	1998	rBV3	139452	327212	8.82%	1.835%
6	25.481	2226	2231	2235	rBV2	20332	38588	1.04%	0.216%
7	25.573	2235	2241	2252	rVV2	1563772	3321272	89.56%	18.621%
8	25.710	2252	2256	2267	rVB	14080	38518	1.04%	0.216%
9	31.163	2845	2851	2867	rBV	148867	322752	8.70%	1.810%
10	33.637	3111	3121	3137	rBV2	792438	1887237	50.89%	10.581%
11	37.861	3574	3582	3603	rBV2	409375	1239209	33.42%	6.948%

Sum of corrected areas: 17835804

LB.D GCMS0507.M Thu May 09 14:43:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\LB.D
Operator :
Acquired : 8 May 2002 11:33 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/3
Misc Info :
Vial Number: 3
Quant File :GCMS0507.RES (RTE Integrator)



LB.D GCMS0507.M Thu May 09 14:43:48 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D Vial: 3
Acq On : 8 May 2002 11:33 am Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

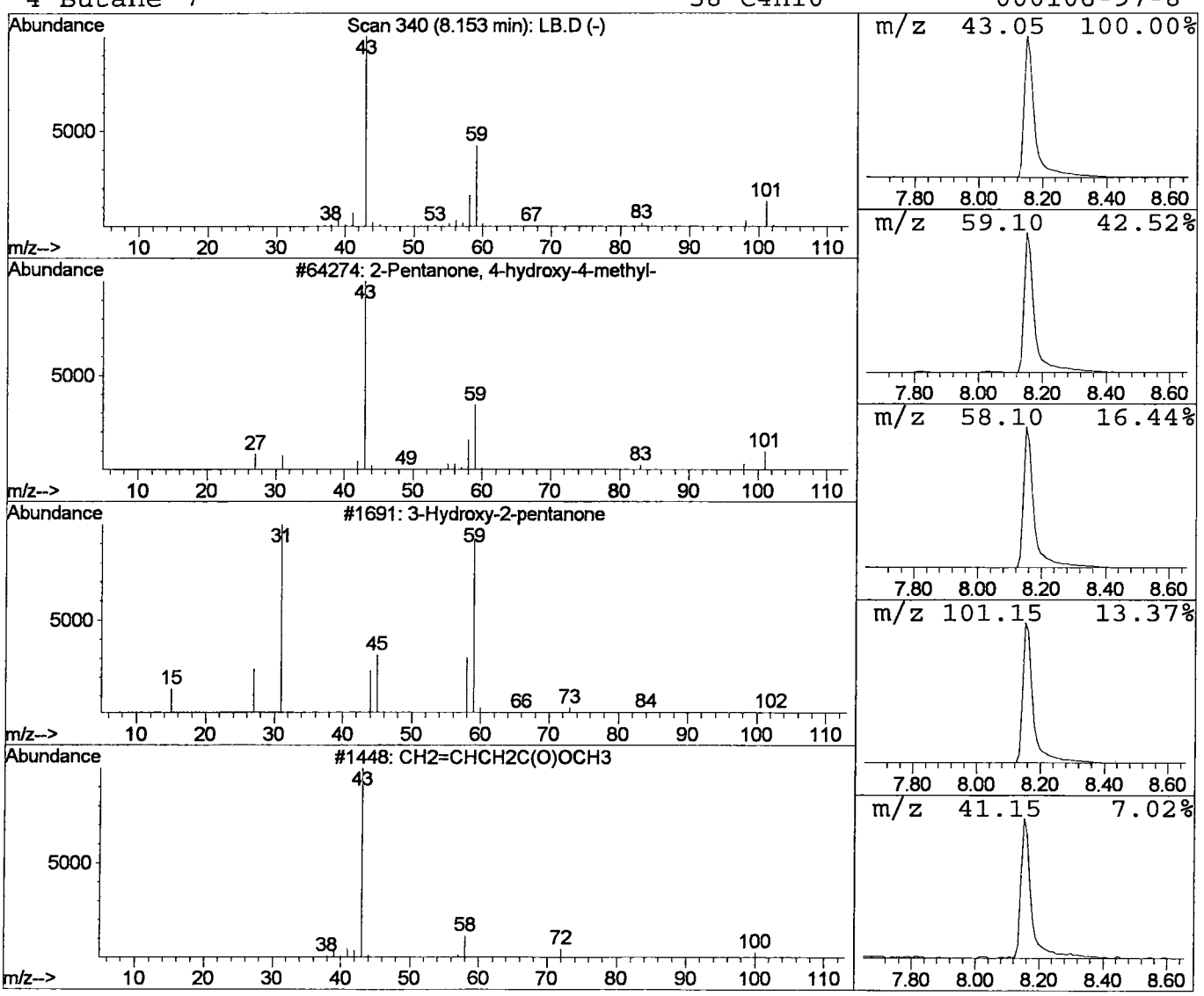
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	13.73 ug/l	919376	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Butane	58	C4H10	000106-97-8	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D Vial: 3
Acq On : 8 May 2002 11:33 am Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

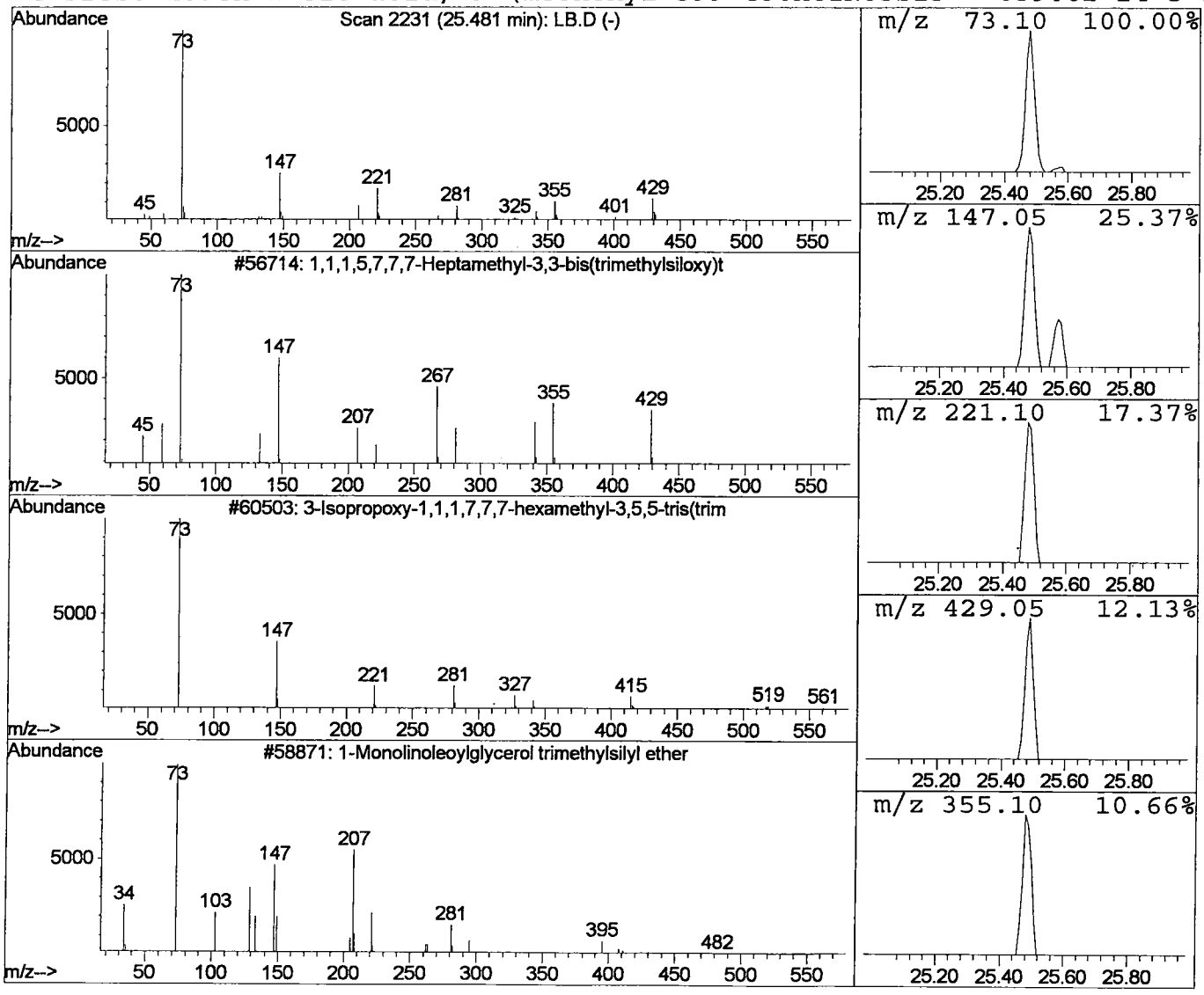
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.48	0.46 ug/l	38588	Phenanthrene-d10	25.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	39
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
3	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	9
4	Prost-13-en-1-oic acid, 9-(methoxyi	599	C30H61NO5Si3	039062-24-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D
Acq On : 8 May 2002 11:33 am
Sample : GC/MS SCAN 5/3
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator:
Inst : 209
Multiplr: 1.00

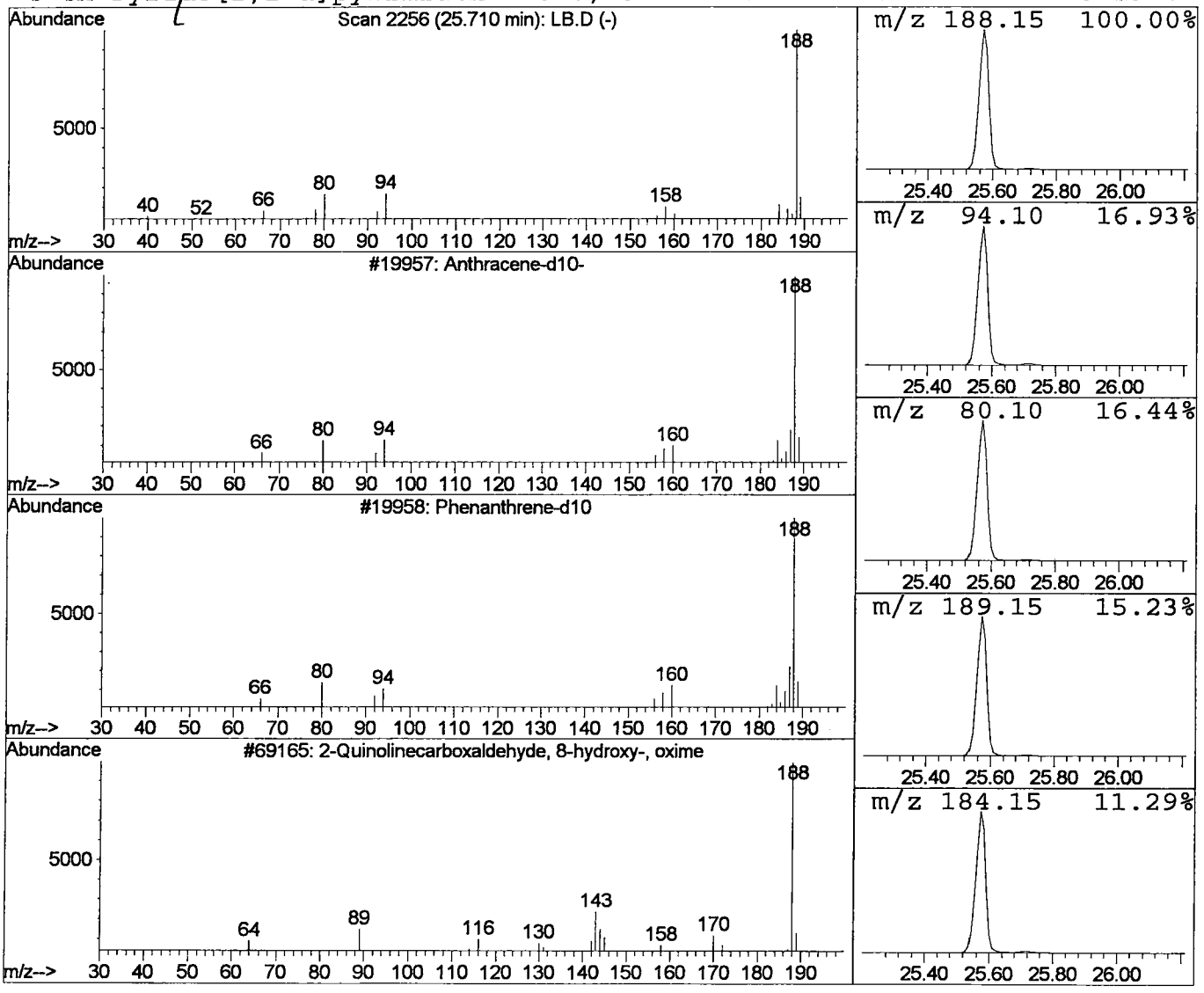
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	0.46 ug/l	38518	Phenanthrene-d10	25.57

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	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\LB.D Vial: 3
Acq On : 8 May 2002 11:33 am Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

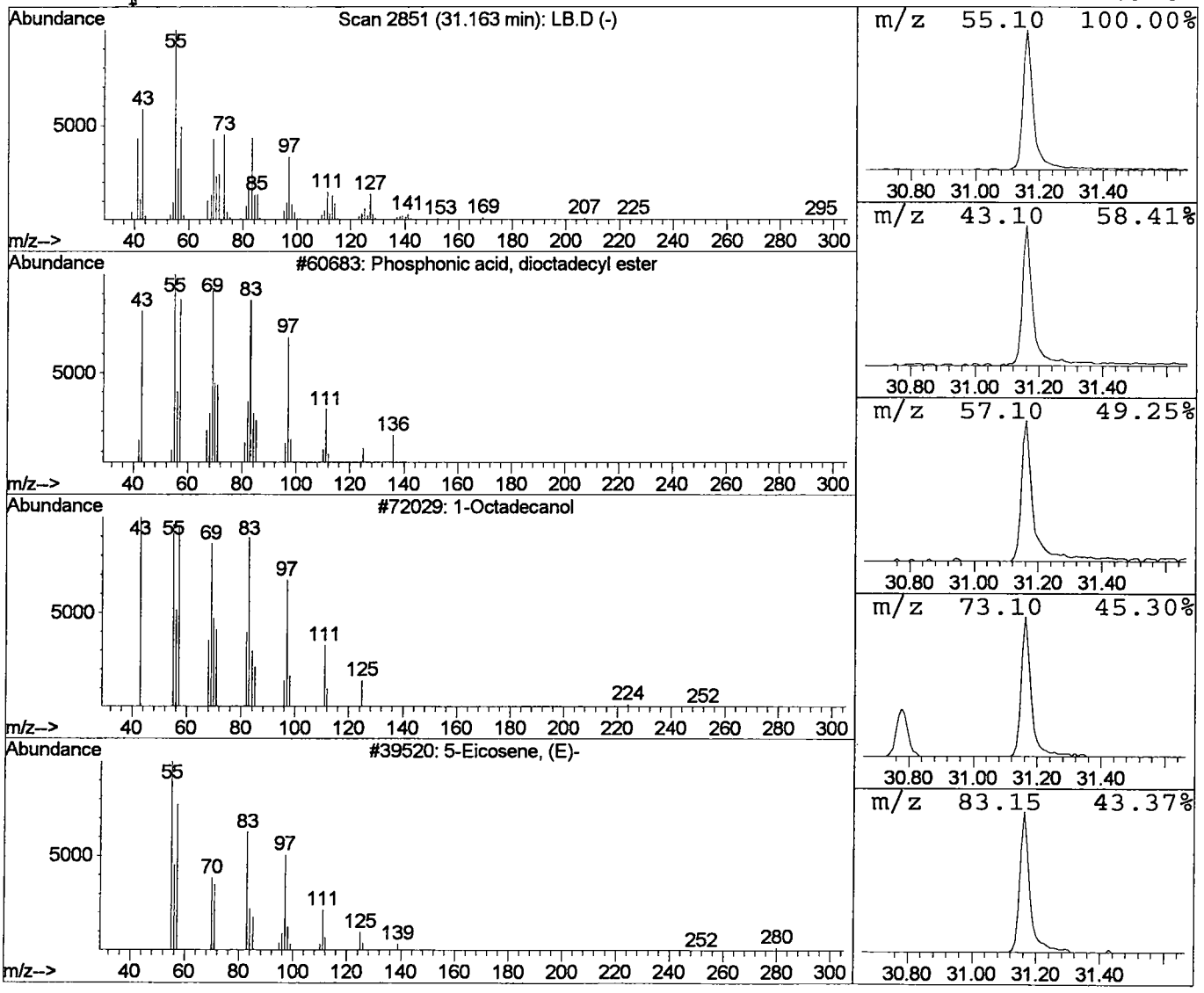
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Phosphonic acid, dioctadecyl e Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.16	6.84 ug/l	322752	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	76
2	1-Octadecanol	270	C18H38O	000112-92-5	76
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
4	1-Heptadecene	238	C17H34	006765-39-5	68



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 11:33 am
Data File: C:\HPCHEM\1\DATA\MAY0802\LB.D
Name: GC/MS SCAN 5/3
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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	8.15	13.7	ug/l	919376	ISTD01	12.19	2678860	40.0
1,1,1,5,7,7,7-Heptam	25.48	0.5	ug/l	38588	ISTD04	25.57	3321270	40.0
Anthracene-d10-	25.71	0.5	ug/l	38518	ISTD04	25.57	3321270	40.0
Phosphonic acid, dio	31.16	6.8	ug/l	322752	ISTD05	33.64	1887240	40.0

LB.D GCMS0507.M Thu May 09 14:43:53 2002