User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 10:13:23

Sample: AE04417
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 3/22/02 10:09 Ended: 3/22/02 10:09 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	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/1,2-Diphenylhydraz		< 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\MAR2102\LB.D Vial: 3
Acq On : 21 Mar 2002 1:15 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:40 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	547048	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2146524	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1148632	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1707199	20.00	ug/l	-0.11
38) Chrysene-d12	33.73	240	1040702	20.00	ug/l	-0.12
44) Perylene-d12	37.98	264	633813	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	71280	5.74	ug/mL	0.24
Spiked Amount 5.000			Recovery = 114.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.92	74	448	N.D.		
3) bis(2-Chloroethyl)ether	11.67	93	614	N.D.		
4) 1,3-Dichlorobenzene	12.17	146	769	N.D.		
5) 1,4-Dichlorobenzene	12.32	146	763	N.D.		
6) 1,2-Dichlorobenzene	12.83	146	727	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	13.97	77	410	N.D.		
12) Isophorone	14.61	82	1311	N.D.		
13) bis(2-Chloroethoxy)methane	15.28	93	633	N.D.		
14) 1,2,4-Trichlorobenzene	15.79	180	541	N.D.		
15) Naphthalene	15.96	128	3025	N.D.		
16) Hexachlorobutadiene	16.50	225	311	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.48	162	1451	N.D.		
20) Dimethylphthalate	20.56	163	1525	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.75	152	1606	N.D.		
23) Acenaphthene	21.30	153	1681	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.69	149	1321	N.D.		
26) 4-Chlorophenyl-phenylether	22.84	204	615	N.D.		
27) Fluorene	22.83	166	1489	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\LB.D Vial: 3
Acq On : 21 Mar 2002 1:15 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:40 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

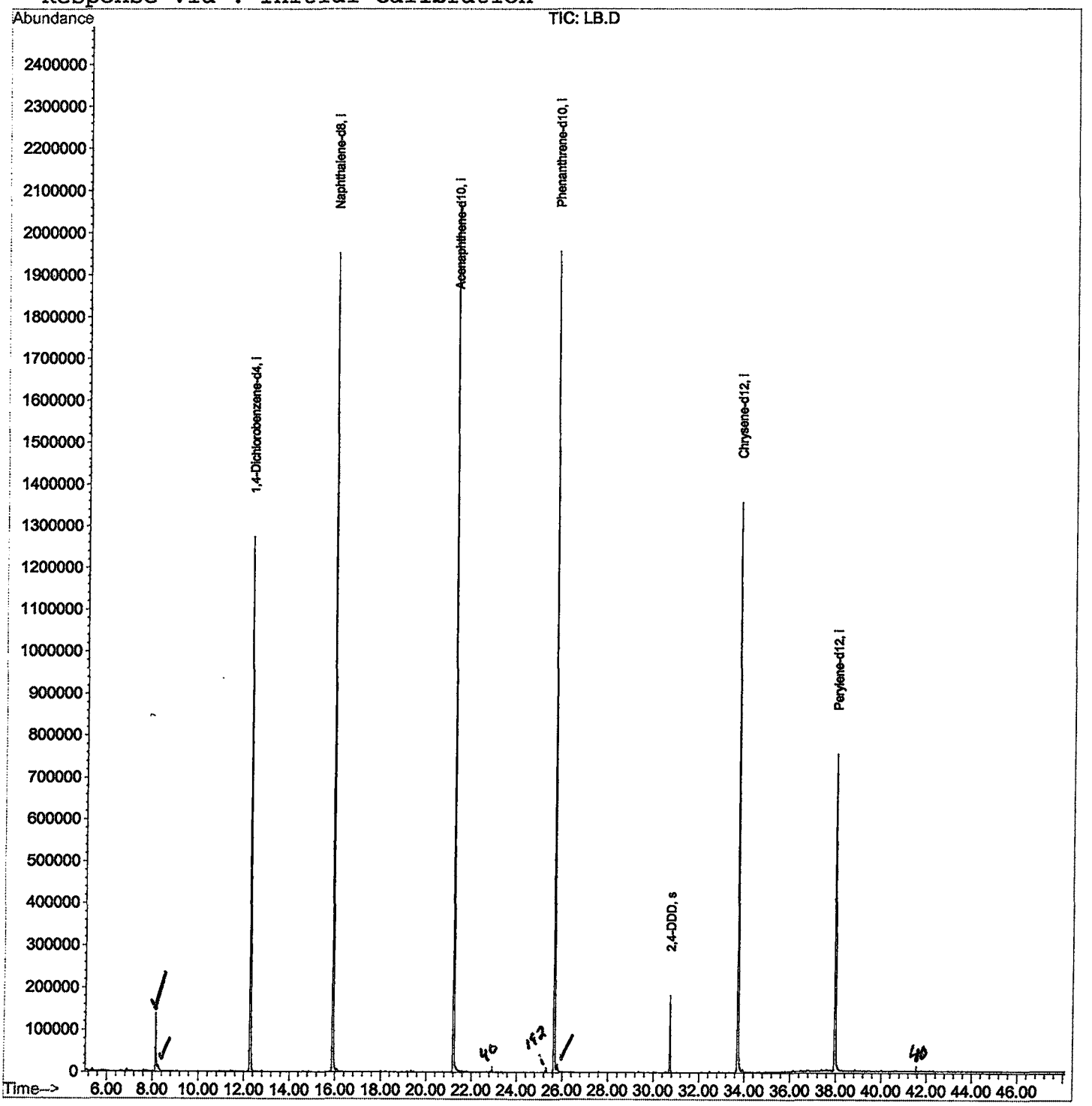
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	23.24	168	361	N.D.	
31)	4-Bromophenyl-phenylether	24.32	248	224	N.D.	
32)	Hexachlorobenzene	24.75	284	481	N.D.	
33)	Phenanthrene	25.72	178	3312	N.D.	
34)	Anthracene	25.72	178	3312	N.D.	
35)	Di-n-butylphthalate	27.63	149	3315	N.D.	
36)	Fluoranthene	29.36	202	1892	N.D.	
39)	Pyrene	30.03	202	2329	N.D.	
40)	Butylbenzylphthalate	32.16	149	1196	N.D.	
41)	Benzo(a)anthracene	33.66	228	3564	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	4347	N.D.	
43)	Chrysene	33.66	228	3934	N.D.	
45)	Di-n-Octylphthalate	35.68	149	1870	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	3054	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	3101	N.D.	
48)	Benzo(a)pyrene	37.78	252	1944	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.12	276	514	N.D.	
50)	Dibenz(a,h)anthracene	42.20	278	521	N.D.	
51)	Benzo(g,h,i)perylene	43.39	276	1042	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2102\LB.D Vial: 3
Acq On : 21 Mar 2002 1:15 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 8:40 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2102\LB.D Vial: 3
Acq On : 21 Mar 2002 1:15 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

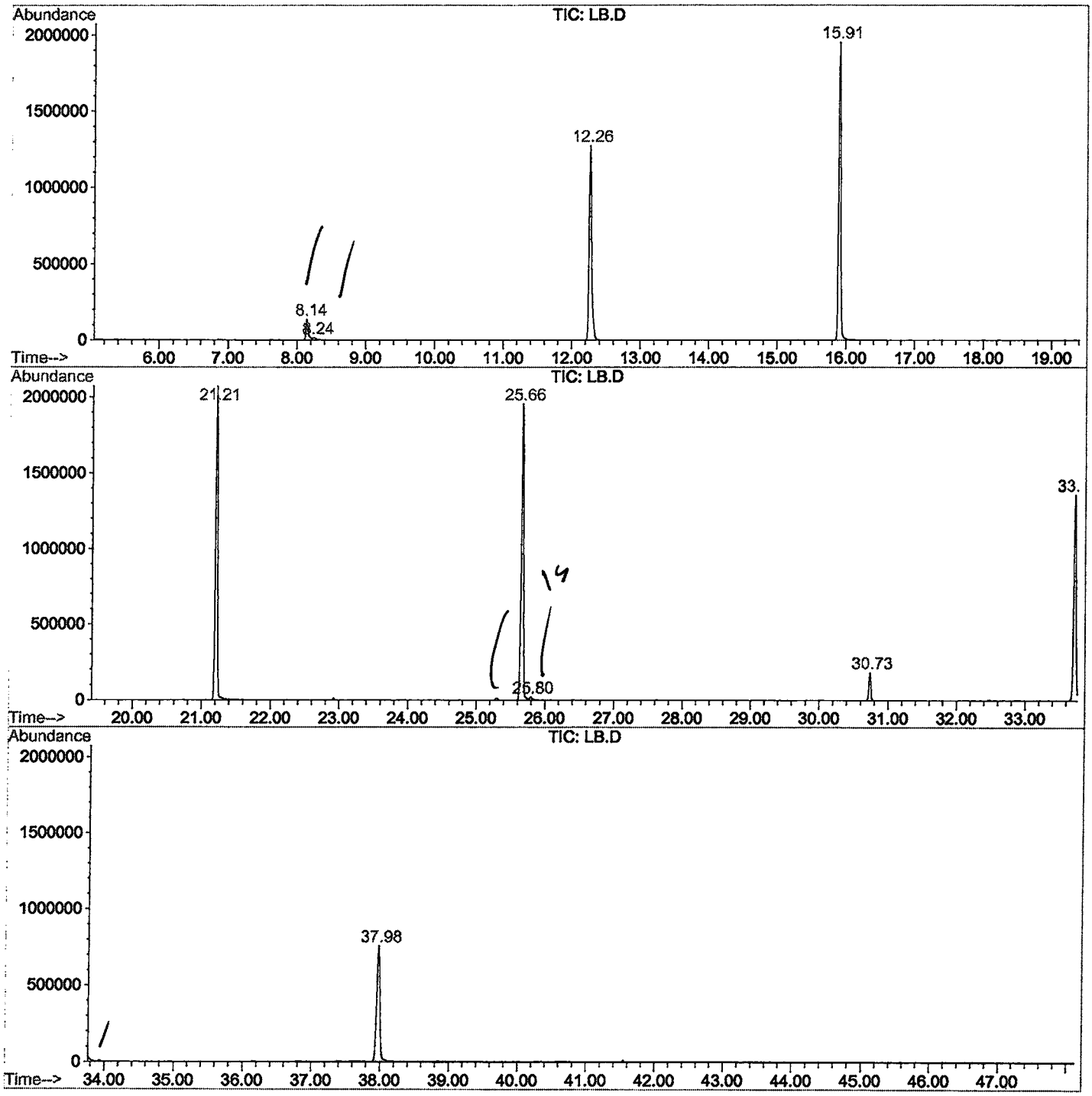
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.141	333	337	346	rBV	135729	307411	6.96%	1.399%
2	8.242	346	348	365	rVB2	13917	52707	1.19%	0.240%
3	12.263	780	786	799	rBV	1272706	3027559	68.55%	13.777%
4	15.908	1176	1183	1197	rBV	1952326	4059478	91.92%	18.473%
5	21.214	1755	1761	1775	rBV	2073133	4416491	100.00%	20.098%
6	25.658	2238	2245	2256	rBV2	1956354	4351616	98.53%	19.803%
7	25.795	2256	2260	2272	rVB2	18482	56123	1.27%	0.255%
8	30.734	2793	2798	2809	rVB	181760	350408	7.93%	1.595%
9	33.727	3113	3124	3143	rBV2	1357856	3122281	70.70%	14.208%
10	37.977	3578	3587	3602	rBV2	752416	2230847	50.51%	10.152%

Sum of corrected areas: 21974921

LB.D GCMS0308.M Fri Mar 22 09:46:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\LB.D
Operator :
Acquired : 21 Mar 2002 1:15 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/1
Misc Info :
Vial Number: 3
Quant File :GCMS0308.RES (RTE Integrator)



LB.D GCMS0308.M Fri Mar 22 09:46:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\LB.D Vial: 3
Acq On : 21 Mar 2002 1:15 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

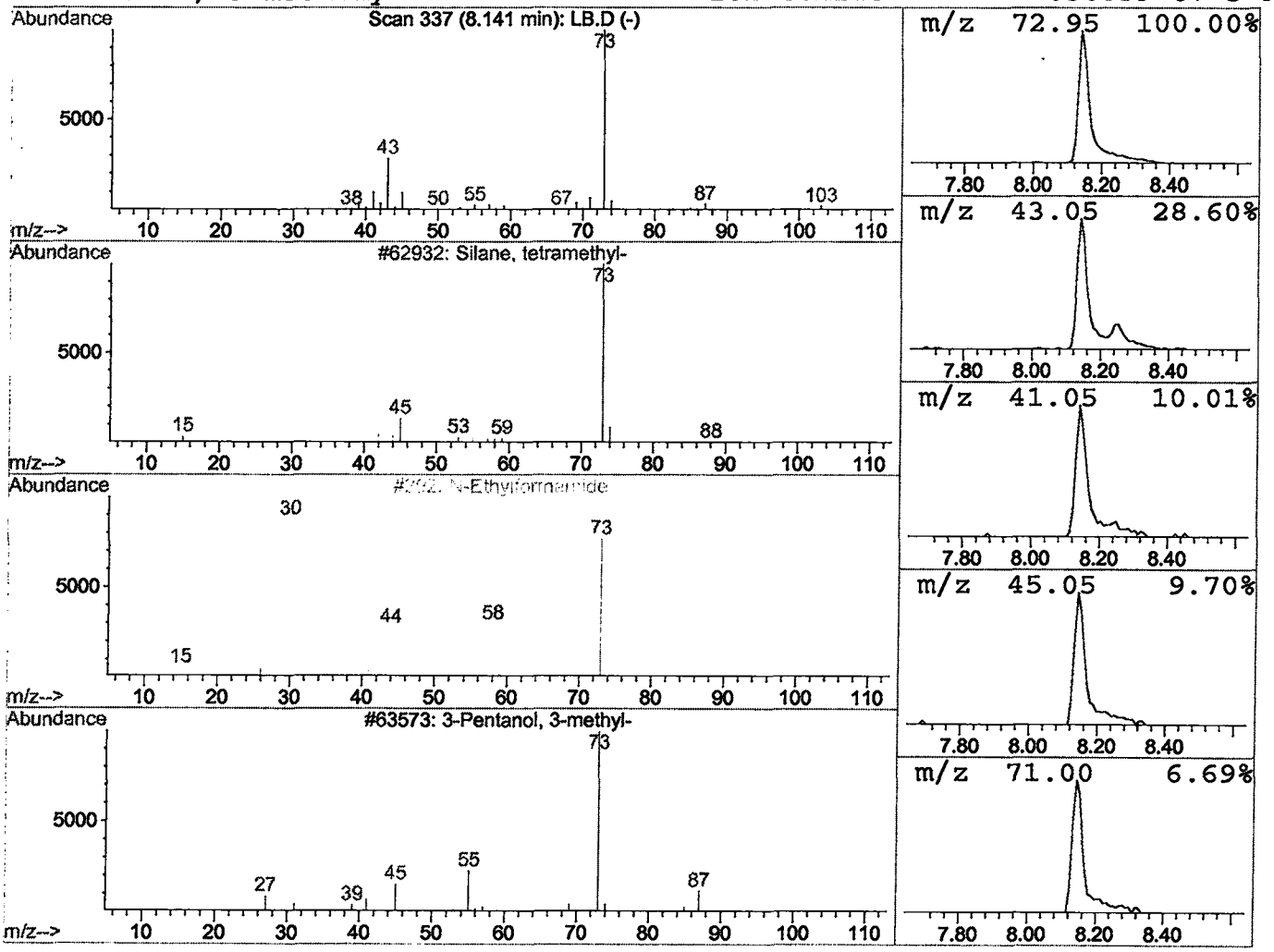
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.03 ug/l	307411	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\LB.D
Acq On : 21 Mar 2002 1:15 pm
Sample : gc/ms scan 3/1
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator:
Inst : GC/MS 209
Multiplr: 1.00

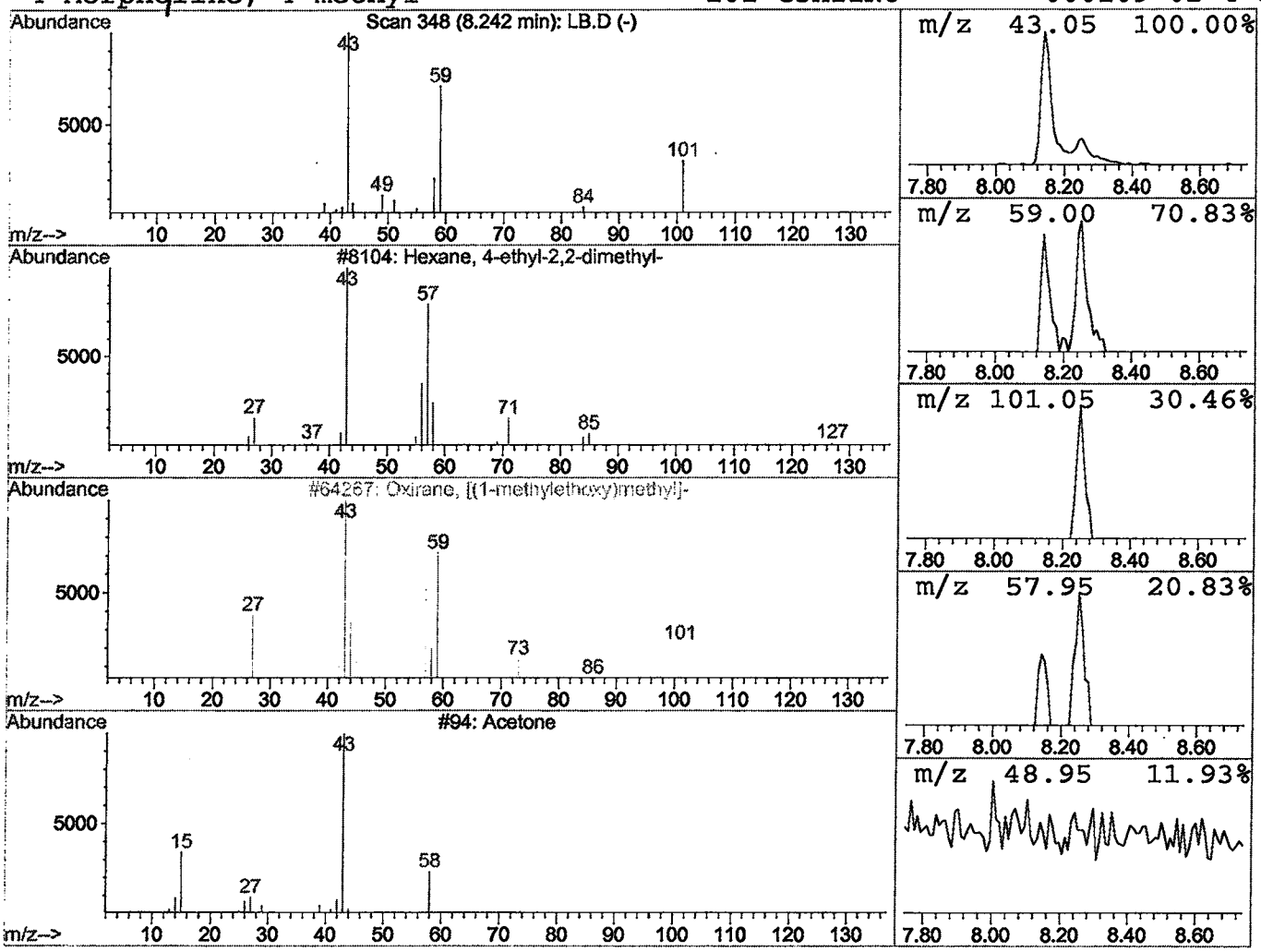
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexane, 4-ethyl-2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.35 ug/l	52707	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 4-ethyl-2,2-dimethyl-	142	C10H22	052896-99-8	9
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
3	Acetone	58	C3H6O	000067-64-1	5
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\LB.D Vial: 3
Acq On : 21 Mar 2002 1:15 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

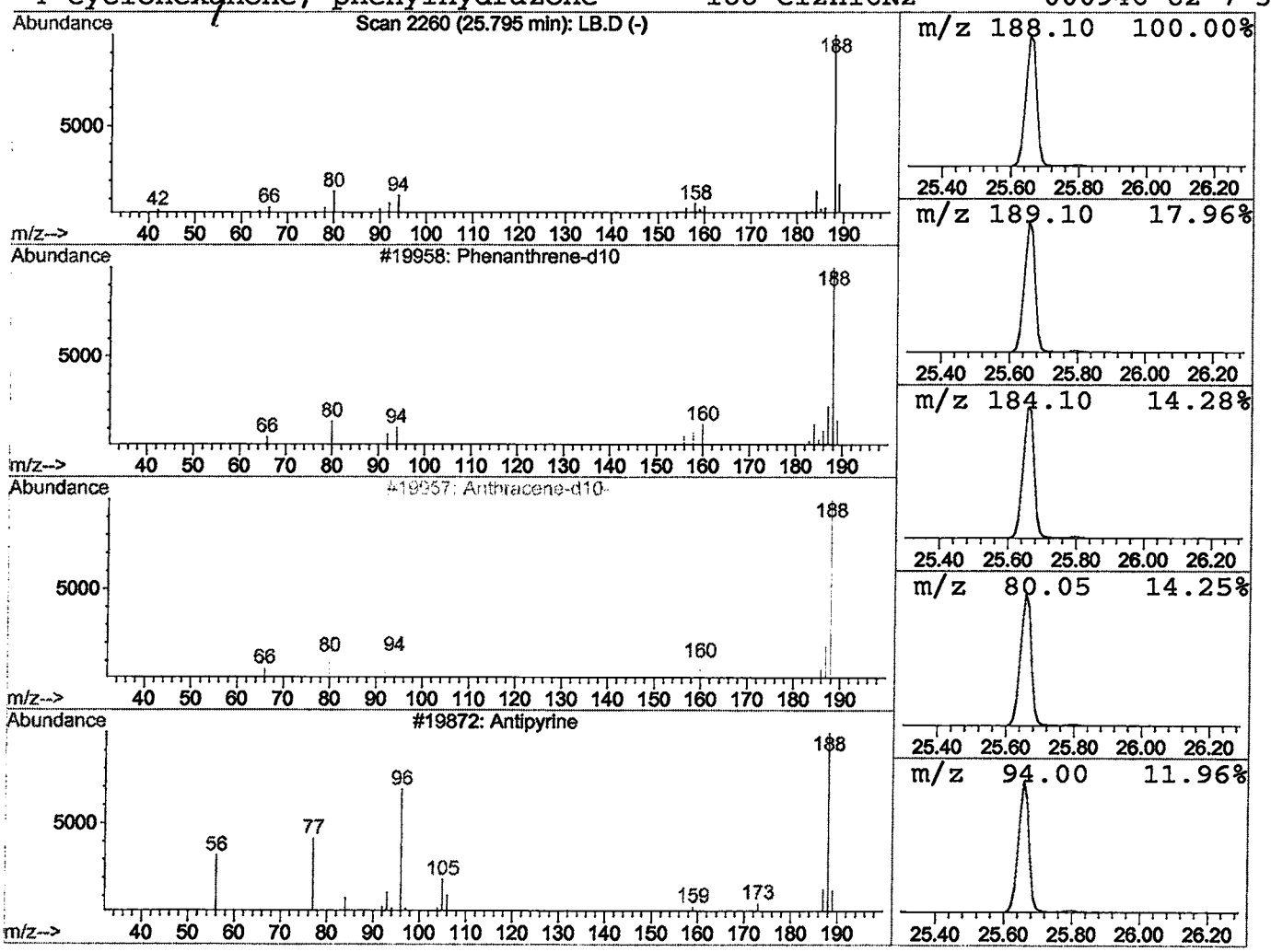
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.26 ug/l	56123	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	93
2	Anthracene-d10-	188	C14D10	001719-06-8	90
3	Antipyrine	188	C11H12N2O	000060-80-0	42
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	36



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 1:15 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\LB.D
Name: gc/ms scan 3/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
Silane, tetramethyl-	8.14	2.0	ug/l	307411	ISTD01	12.26	3027560	20.0
Hexane, 4-ethyl-2,2-	8.24	0.3	ug/l	52707	ISTD01	12.26	3027560	20.0
Phenanthrene-d10	25.80	0.3	ug/l	56123	ISTD04	25.66	4351620	20.0

LB.D GCMS0308.M Fri Mar 22 09:47:35 2002