User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/26/2002 Time: 16:07:24

Sample: AE03823
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 3/26/02 16:03 Ended: 3/26/02 16:03 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\MAR2202\LB.D Vial: 3
Acq On : 22 Mar 2002 8:06 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:19 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	395323	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1538318	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	823831	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1227222	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	814067	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	527331	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	85911	~~8.55~~ 4.65	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~171.00%~~ 93%		
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	15.96	128	215	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.68	149	324	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	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\MAR2202\LB.D Vial: 3
Acq On : 22 Mar 2002 8:06 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:19 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

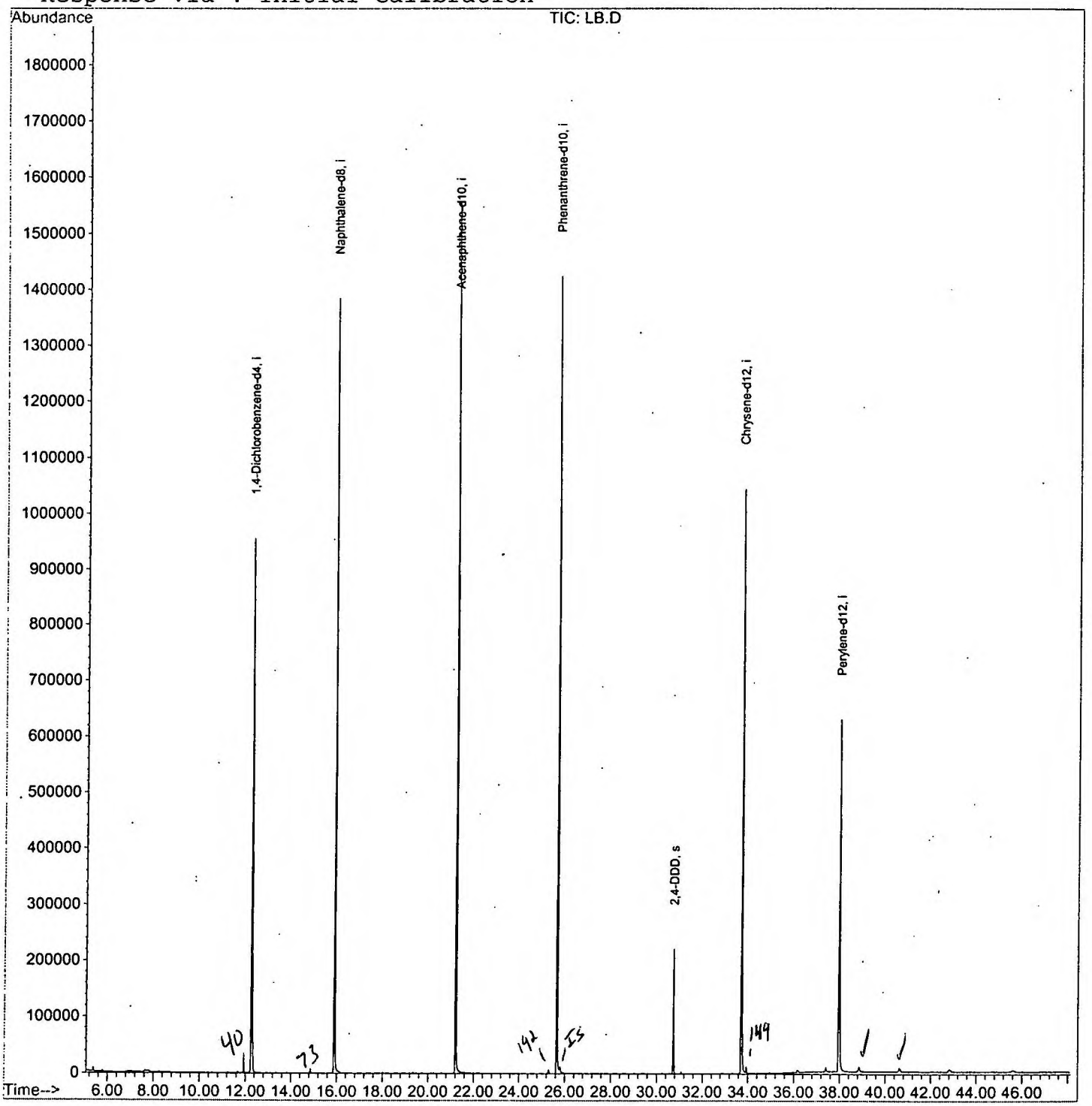
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	354	N.D.	
34)	Anthracene	25.73	178	238	N.D.	
35)	Di-n-butylphthalate	27.63	149	2604	N.D.	
36)	Fluoranthene	29.36	202	207	N.D.	
39)	Pyrene	30.03	202	228	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.71	228	2834	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	6643	N.D.	
43)	Chrysene	33.80	228	1609	N.D.	
45)	Di-n-Octylphthalate	35.66	149	318	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1429	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	1008	N.D.	
48)	Benzo(a)pyrene	37.78	252	802	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\MAR2202\LB.D Vial: 3
Acq On : 22 Mar 2002 8:06 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:19 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



Column

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\LB.D Vial: 3
Acq On : 22 Mar 2002 8:06 pm Operator:
Sample : gc/ms scan 2/20 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

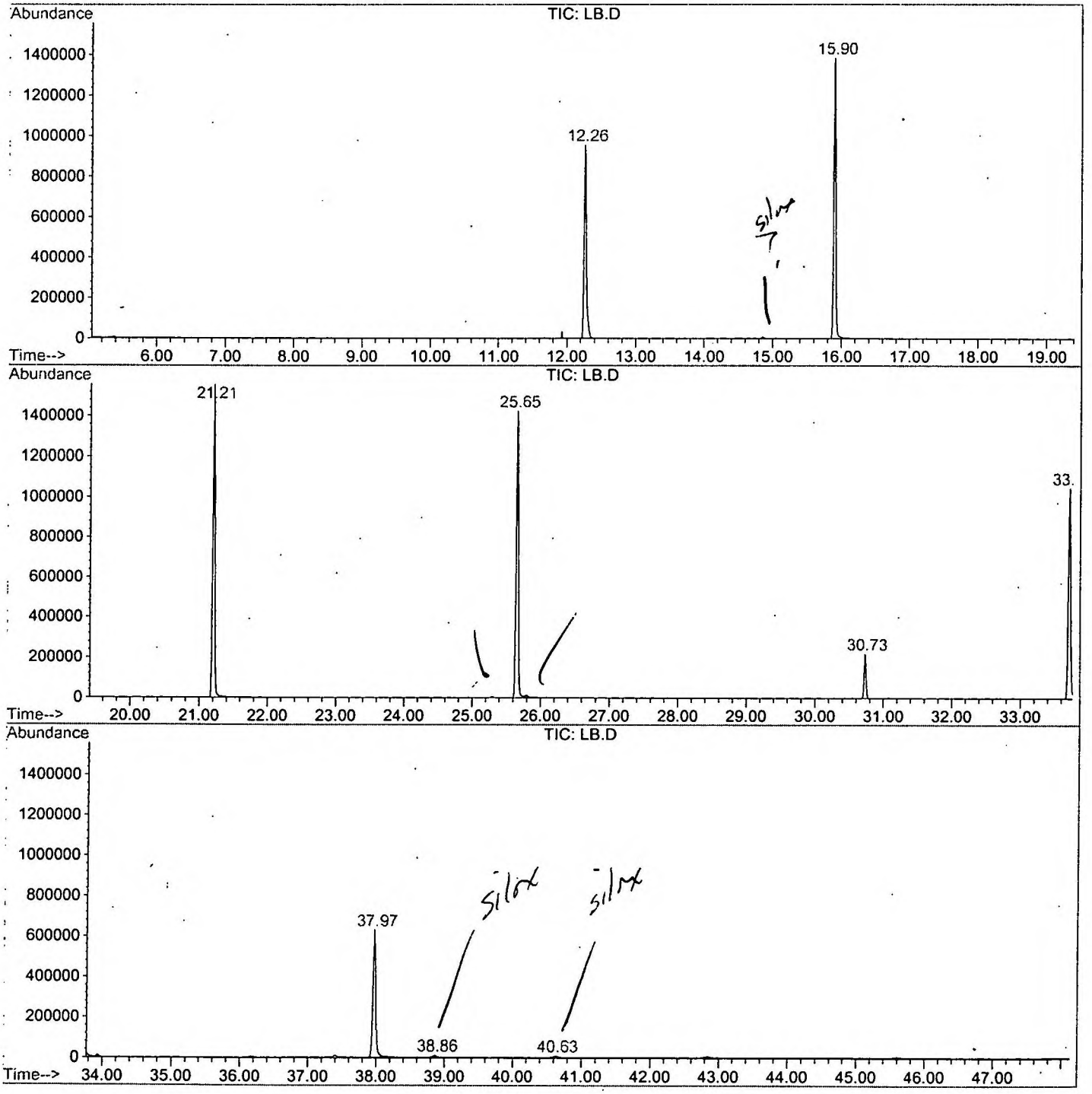
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.260	781	786	803	rVB	954573	2169665	69.31%	13.539%
2	15.904	1176	1183	1200	rBV	1384748	2899991	92.64%	18.096%
3	21.211	1755	1761	1771	rBV	1556698	3130453	100.00%	19.535%
4	25.654	2239	2245	2257	rBV2	1424540	3115188	99.51%	19.439%
5	30.730	2793	2798	2803	rBV	221320	430003	13.74%	2.683%
6	33.723	3117	3124	3143	rBV2	1045002	2390979	76.38%	14.920%
7	37.974	3579	3587	3601	rBV2	628936	1820723	58.16%	11.362%
8	38.864	3677	3684	3693	rVB3	8719	32828	1.05%	0.205%
9	40.627	3867	3876	3887	rVB3	7350	35394	1.13%	0.221%

Sum of corrected areas: 16025224

LB.D GCMS0308.M Tue Mar 26 15:00:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\LB.D
Operator :
Acquired : 22 Mar 2002 8:06 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 3
Quant File :GCMS0308.RES (RTE Integrator)



LB.D GCMS0308.M Tue Mar 26 15:00:49 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\LB.D Vial: 3
Acq On : 22 Mar 2002 8:06 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

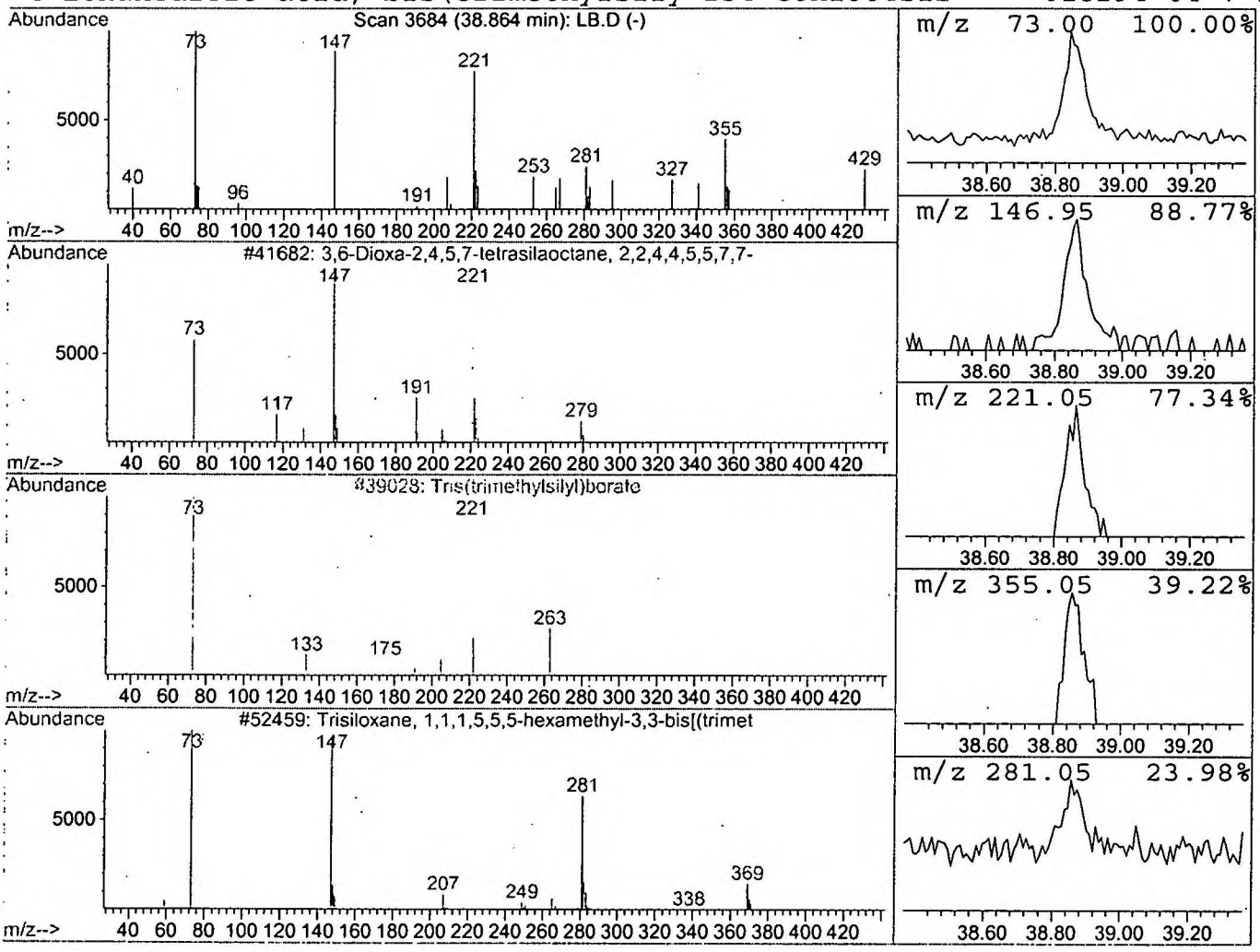
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.86	0.36 ug/l	32828	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	28
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	9
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\LB.D
Acq On : 22 Mar 2002 8:06 pm
Sample : gc/ms scan 2/20
Misc :
MS Integration Params: LSCINT.P

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

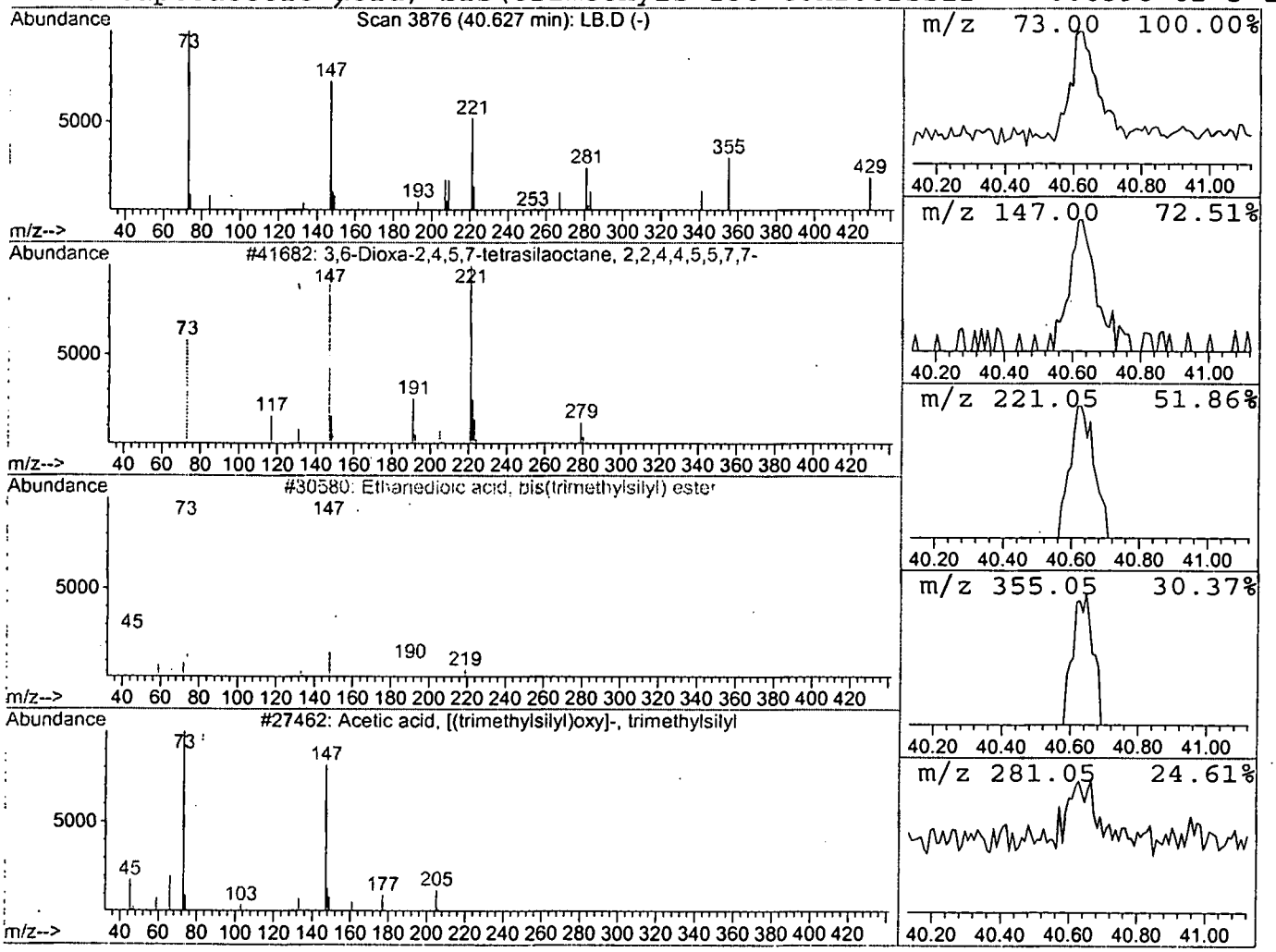
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.63	0.39 ug/l	35394	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	14
3	Acetic acid, [(trimethylsilyl)oxy]-	220	C8H20O3Si2	033581-77-0	14
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 8:06 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\LB.D
Name: gc/ms scan 2/20
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
3,6-Dioxa-2,4,5,7-te	38.86	0.4	ug/l	32828	ISTD06	37.97	1820720	20.0
3,6-Dioxa-2,4,5,7-te	40.63	0.4	ug/l	35394	ISTD06	37.97	1820720	20.0

LB.D GCMS0308.M Tue Mar 26 15:01:02 2002