User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 12:25:45

Sample: AE09676
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/20/20 00:02 Ended: 5/20/20 00:02 Analyst: MG
Result source: manual entry
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:19 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.15	152	337924	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1333721	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	622959	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	818792	40.00	ug/l	-0.02
38) Chrysene-d12	33.57	240	472793	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	308348	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	115518	36.90	ug/L	0.00
Spiked Amount 40.000			Recovery = 92.25%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.19	146	105	N.D.		
5) 1,4-Dichlorobenzene	12.19	146	105	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-Nitrosodi-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	15.83	128	644	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.	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	22.57	149	439	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	460	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.59	178	520	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 20 15:19 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.73	178	196	N.D.	
36)	Di-n-butylphthalate	27.50	149	32707	1.22 ug/l #	99
37)	Fluoranthene	29.21	202	731	N.D.	
39)	Pyrene	29.89	202	886	N.D.	
40)	Butylbenzylphthalate	32.02	149	491	N.D.	
41)	Benzo(a)anthracene	0.00	228	0	N.D. d	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D. d	
43)	Chrysene	0.00	228	0	N.D. d	
45)	Di-n-Octylphthalate	35.54	149	958	N.D.	
46)	Benzo(b)fluoranthene	36.63	252	2230	N.D.	
47)	Benzo(k)fluoranthene	36.70	252	2550	N.D.	
48)	Benzo(a)pyrene	37.60	252	1470	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

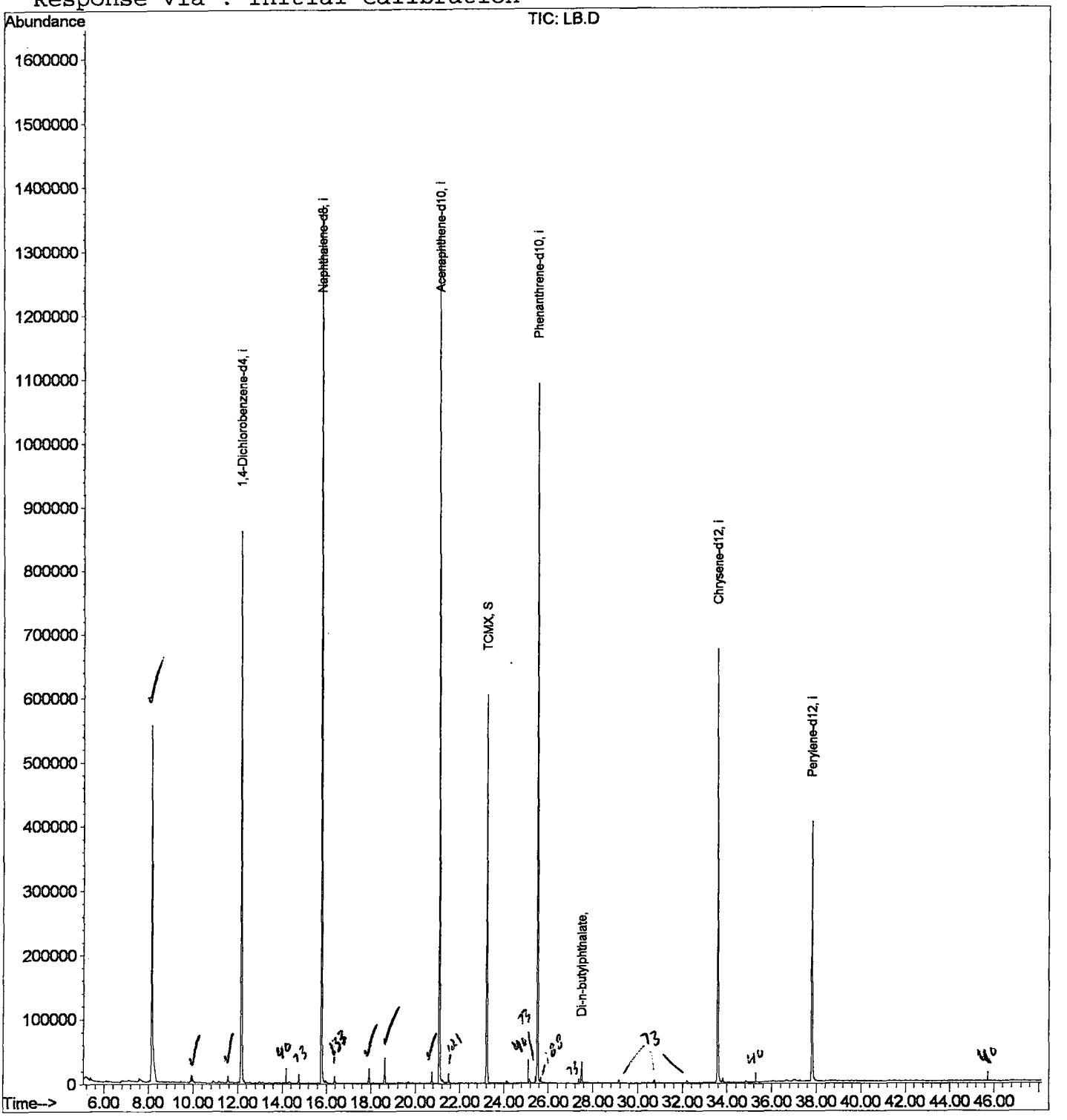
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D
Acq On : 20 May 2002 11:06 am
Sample : EXTRACTED 5/9
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 20 15:19 2002

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

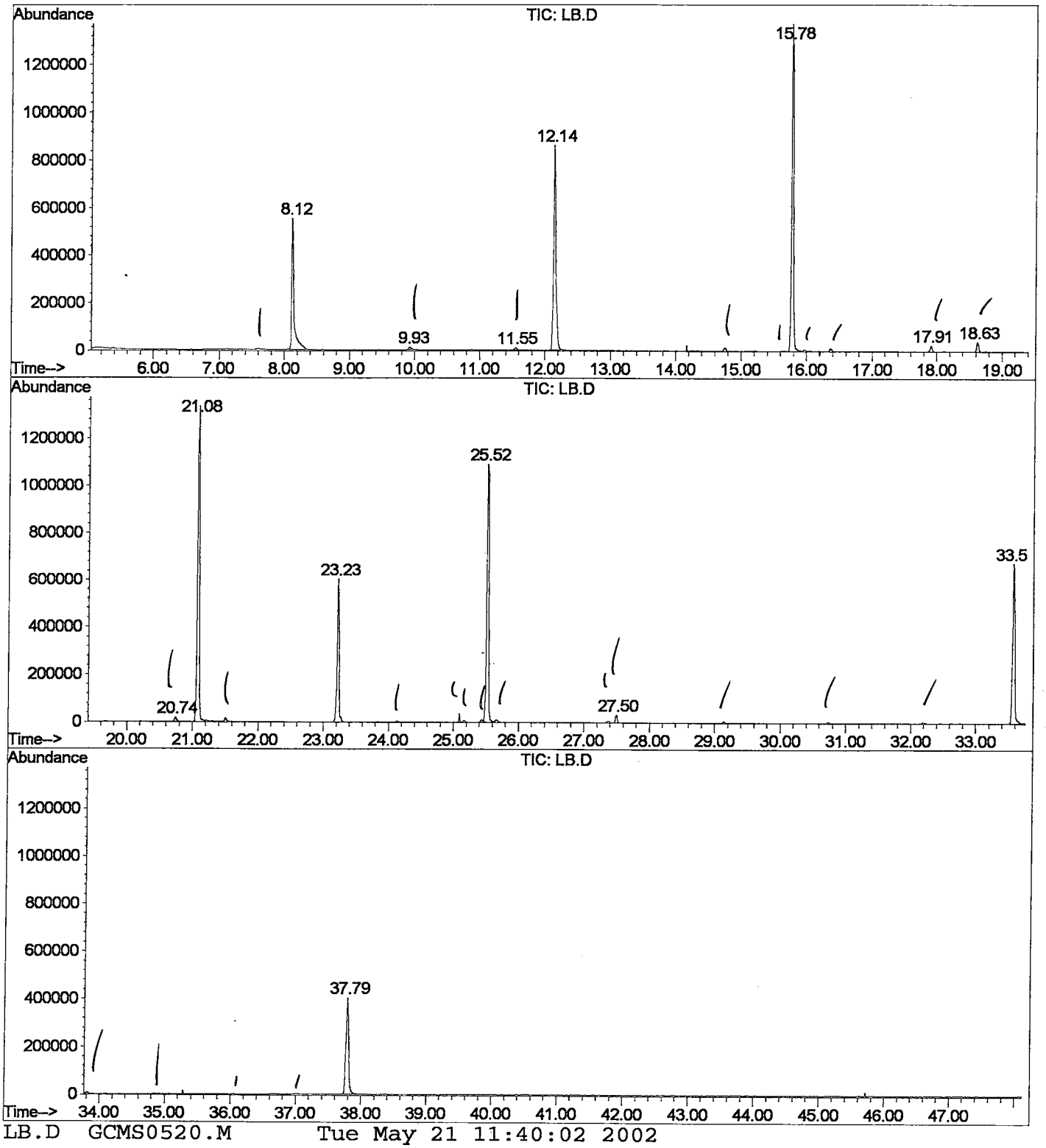
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.117	333	336	365	rVB	553023	1434239	51.58%	9.179%
2	9.931	531	534	544	rVB	10410	28628	1.03%	0.183%
3	11.553	704	711	720	rBV2	10283	28373	1.02%	0.182%
4	12.139	770	775	787	rBV	860106	2161460	77.73%	13.834%
5	15.777	1166	1172	1190	rBV	1369977	2780568	100.00%	17.796%
6	17.912	1399	1405	1409	rBV2	23406	45855	1.65%	0.293%
7	18.627	1478	1483	1494	rBV	38966	71532	2.57%	0.458%
8	20.744	1707	1714	1719	rBV	18401	35240	1.27%	0.226%
9	21.083	1745	1751	1763	rBV	1333269	2687267	96.64%	17.199%
10	23.227	1977	1985	1995	rBV	603114	1253095	45.07%	8.020%
11	25.518	2229	2235	2247	rVV2	1091245	2330984	83.83%	14.919%
12	27.498	2446	2451	2455	rBV	32347	58799	2.11%	0.376%
13	33.573	3104	3114	3131	rBV2	674722	1548032	55.67%	9.908%
14	37.788	3566	3574	3595	rBV2	401936	1160464	41.73%	7.427%

Sum of corrected areas: 15624536

LB.D GCMS0520.M Tue May 21 11:40:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\LB.D
Operator :
Acquired : 20 May 2002 11:06 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 6
Quant File :GCMS0520.RES (RTE Integrator)



LB.D GCMS0520.M Tue May 21 11:40:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

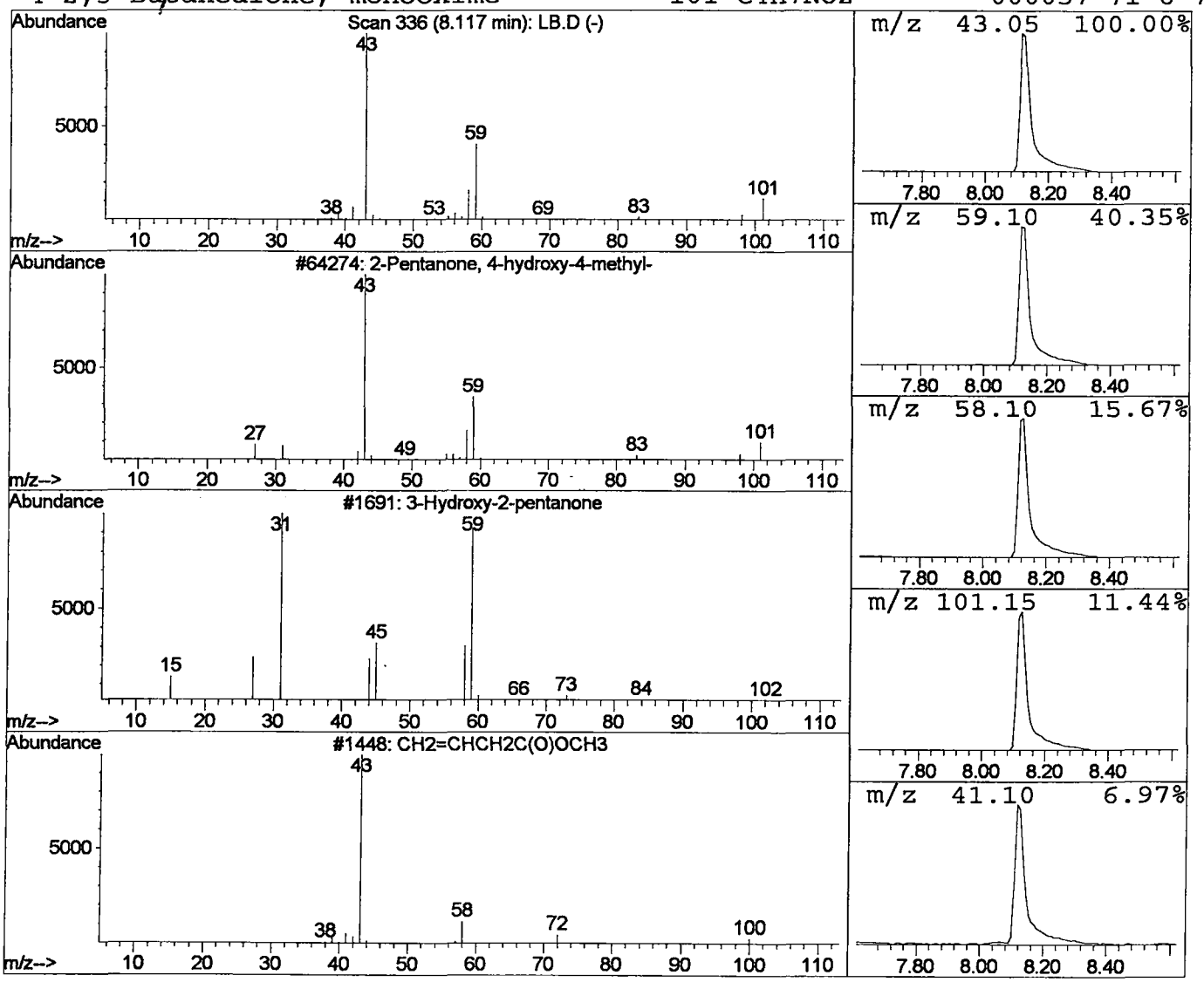
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	26.54 ug/l	1434240	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D
Acq On : 20 May 2002 11:06 am
Sample : EXTRACTED 5/9
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

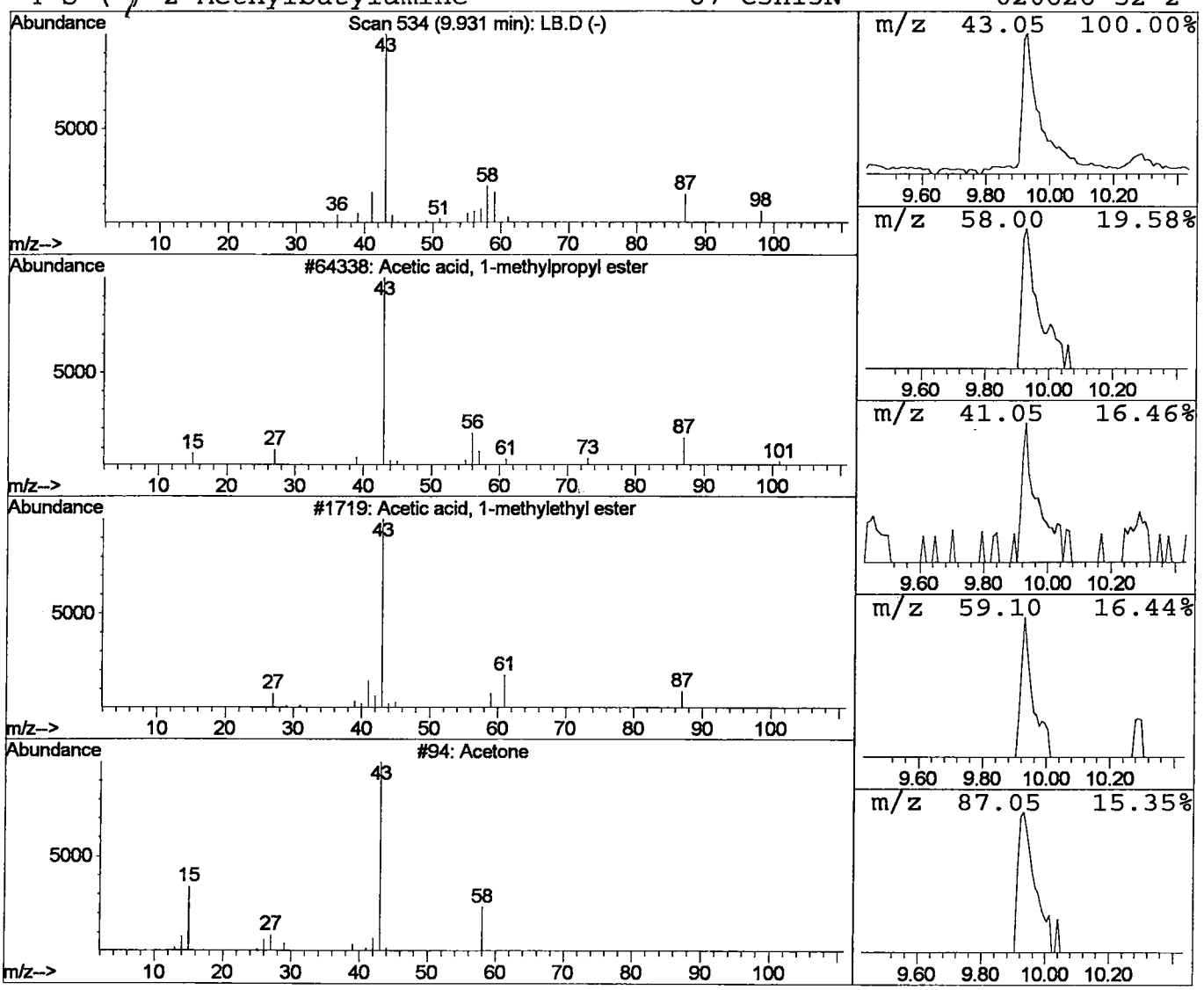
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetic acid, 1-methylpropyl es Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	0.53 ug/l	28628	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	23
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
3	Acetone	58	C3H6O	000067-64-1	7
4	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

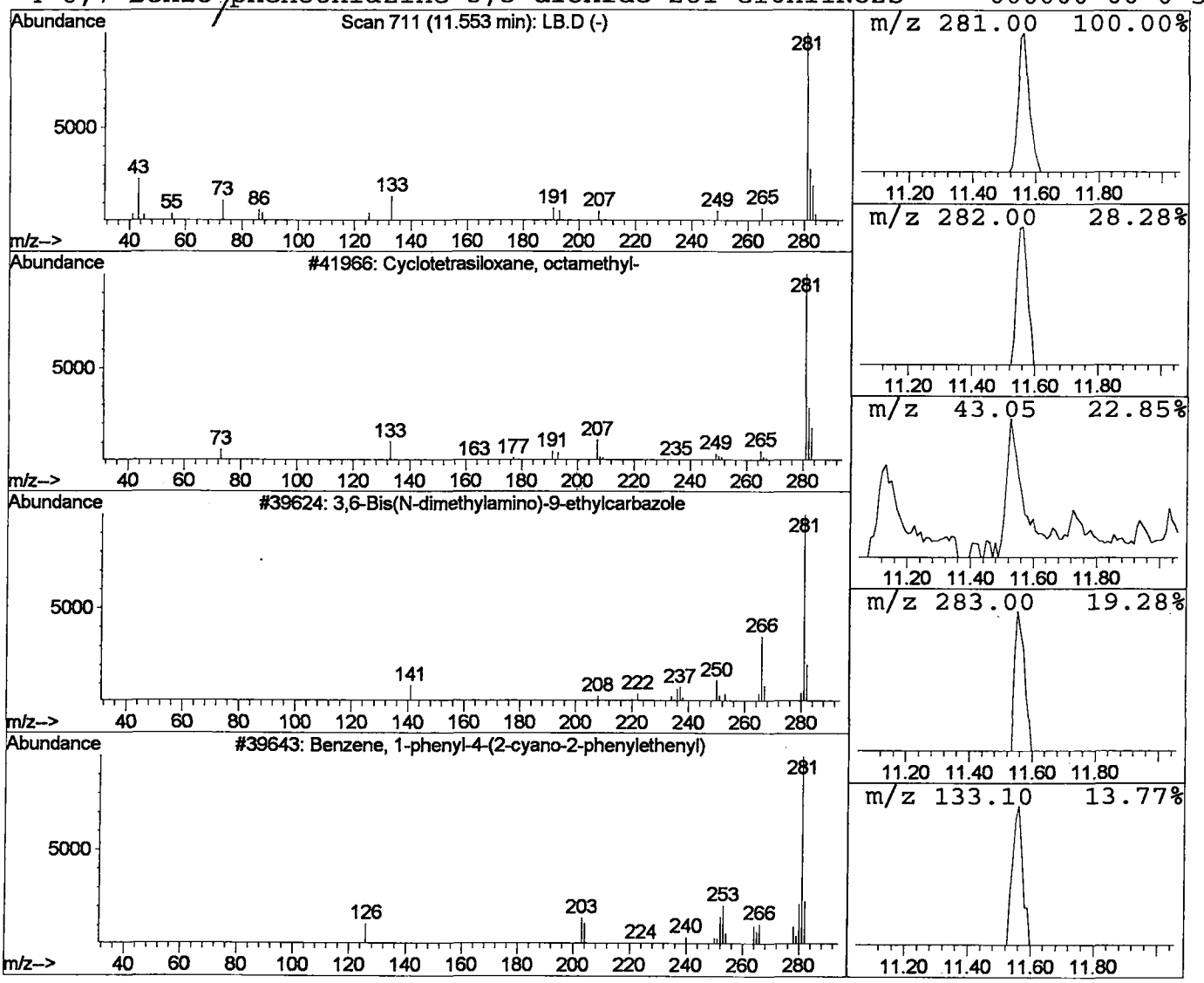
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	0.53 ug/l	28373	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

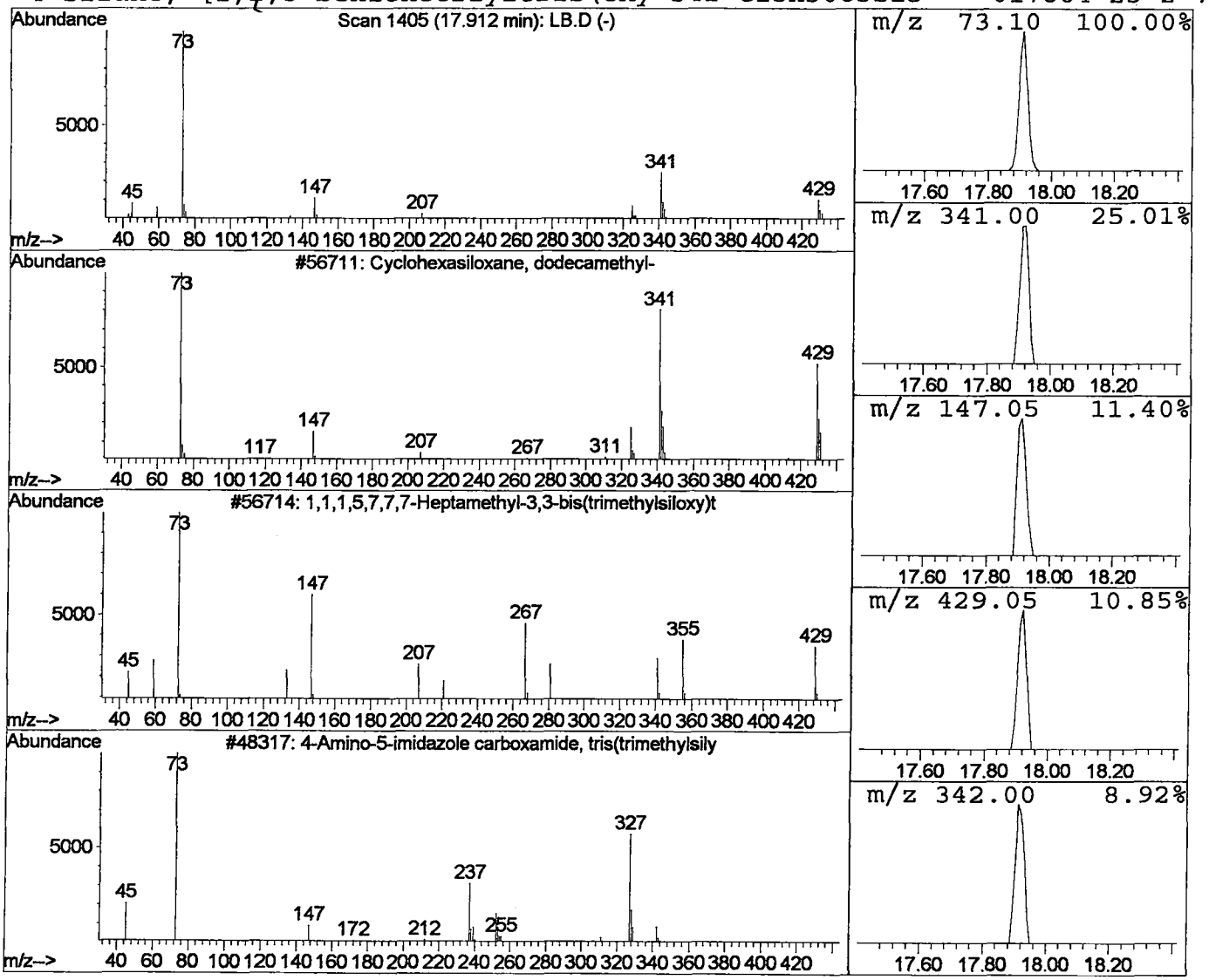
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.66 ug/l	45855	Naphthalene-d8	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	78
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	23
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	23
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

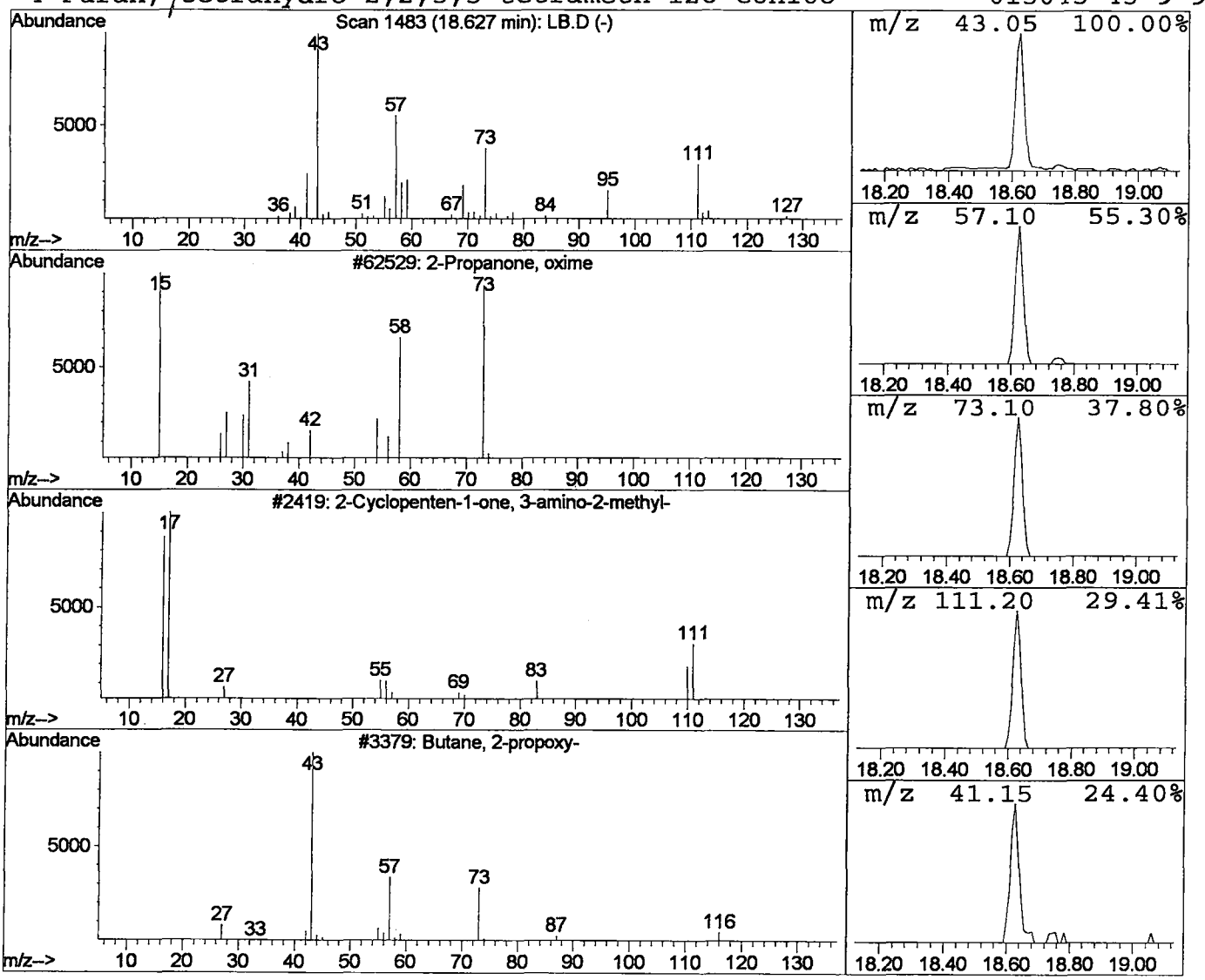
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Propanone, oxime Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	1.06 ug/l	71532	Acenaphthene-d10	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, oxime	73	C3H7NO	000127-06-0	9
2	2-Cyclopenten-1-one, 3-amino-2-meth	111	C6H9NO	069687-85-0	9
3	Butane, 2-propoxy-	116	C7H16O	061962-23-0	9
4	Furan, tetrahydro-2,2,5,5-tetrameth	128	C8H16O	015045-43-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\LB.D Vial: 6
Acq On : 20 May 2002 11:06 am Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

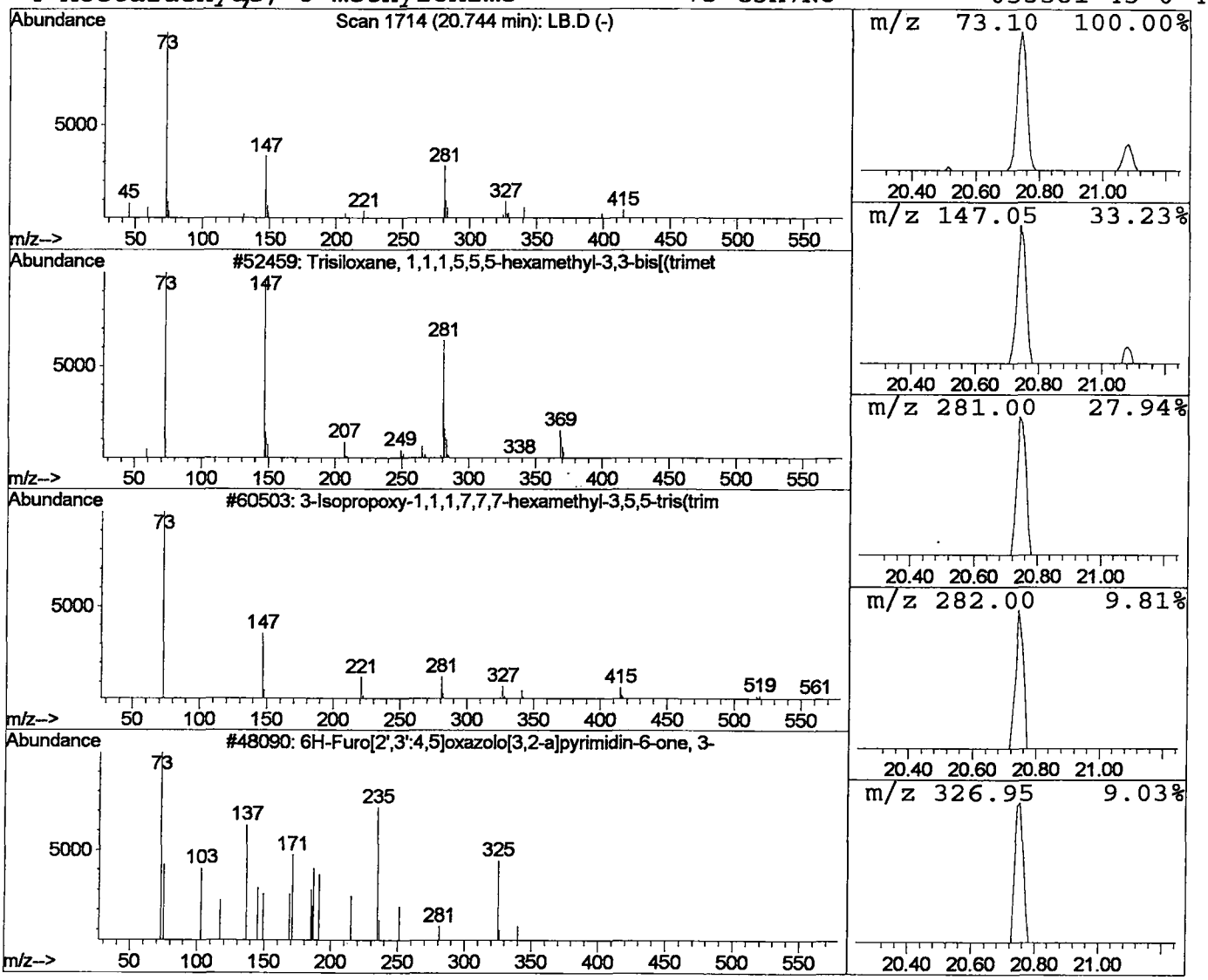
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	0.52 ug/l	35240	Acenaphthene-d10	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	53
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	6H-Furo[2',3':4,5]oxazolo[3,2-a]pyr	340	C14H20N2O6Si	040732-58-9	7
4	Acetaldehyde, O-methyloxime	73	C3H7NO	033581-43-0	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 11:06 am
Data File: C:\HPCHEM\1\DATA\MAY2002\LB.D
Name: EXTRACTED 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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	8.12	26.5	ug/l	1434240	ISTD01	12.15	2161460	40.0
Acetic acid, 1-methy	9.93	0.5	ug/l	28628	ISTD01	12.15	2161460	40.0
Cyclotetrasiloxane,	11.55	0.5	ug/l	28373	ISTD01	12.15	2161460	40.0
Cyclohexasiloxane, d	17.91	0.7	ug/l	45855	ISTD02	15.78	2780570	40.0
2-Propanone, oxime	18.63	1.1	ug/l	71532	ISTD03	21.08	2687270	40.0
Trisiloxane, 1,1,1,5	20.74	0.5	ug/l	35240	ISTD03	21.08	2687270	40.0

LB.D GCMS0520.M Tue May 21 11:40:08 2002