User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/17/2001 Time: 12:25:04

Sample: AD29022
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 12/17/01 12:24 Ended: 12/17/01 12:24 Analyst: DLV
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	Hexachlorocyclopentadiene		< MDL		2.0
16	2-Chloronaphthalene		< MDL		2.0
17	Dimethylphthalate		< MDL		2.0
18	2,6-Dinitrotoluene		< MDL		2.0
19	Acenaphthylene		< MDL		2.0
20	Acenaphthene		< MDL		2.0
21	2,4-Dinitrotoluene		< MDL		2.0
22	Diethylphthalate		< MDL		2.0
23	4-Chlorophenylphenylether		< MDL		2.0
24	Fluorene		< MDL		2.0
25	Azobenzene/1,2-Diphenylhydra		< MDL		2.0
26	n-Nitrosodiphenylamine		< MDL		2.0
27	4-Bromophenylphenylether		< MDL		2.0
28	Hexachlorobenzene		< MDL		2.0
29	Phenanthrene		< MDL		2.0
30	Anthracene		< MDL		2.0
31	Di-n-butylphthalate		2.72		2.0
32	Fluoranthene		< MDL		2.0
33	Pyrene		< MDL		2.0
34	Butylbenzylphthalate		< MDL		2.0
35	Benzo(a)anthracene		< MDL		2.0
36	bis(2-Ethylhexyl)phthalate		0.39		2.0
37	Chrysene		< MDL		2.0
38	Di-n-octylphthalate		< MDL		2.0
39	Benzo(b)fluoranthene		< MDL		2.0
40	Benzo(k)fluoranthene		< MDL		2.0
41	Benzo(a)pyrene		< MDL		2.0
42	Indeno(1,2,3-cd)pyrene		< MDL		2.0
43	Dibenz(a,h)anthracene		< MDL		2.0
44	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D Vial: 3
Acq On : 10 Dec 2001 11:42 am Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:18 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	827694	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3181409	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1585058	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2266491	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1350464	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	934892	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	145151	5.38	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 107.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	1425	N.D.		
3) bis(2-Chloroethyl)ether	11.01	93	368	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	13.03	77	105	N.D.		
12) Isophorone	13.50	82	178	N.D.		
13) bis(2-Chloroethoxy)methane	14.55	93	221	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.33	128	1367	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	20.10	152	190	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.00	165	286	N.D.		
25) Diethylphthalate	22.07	149	2490	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	22.68	77	3363	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D Vial: 3
Acq On : 10 Dec 2001 11:42 am Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:18 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

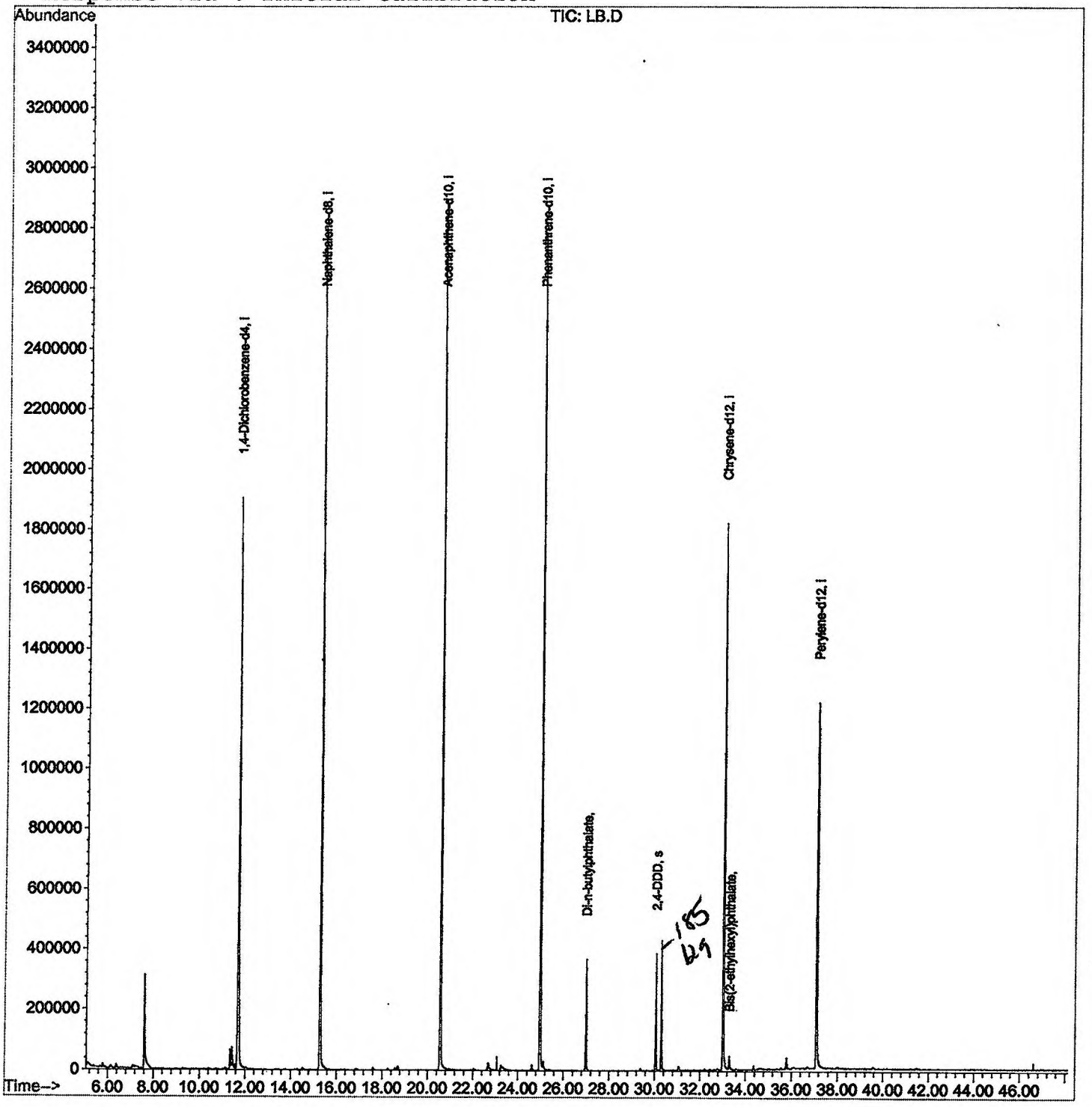
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	638	N.D.	
34)	Anthracene	25.17	178	208	N.D.	
35)	Di-n-butylphthalate	26.98	149	434779	2.72 ug/l #	99
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	29.33	202	108	N.D.	
40)	Butylbenzylphthalate	31.50	149	971	N.D.	
41)	Benzo(a)anthracene	33.09	228	4828	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	32478	0.39 ug/l	94
43)	Chrysene	33.09	228	4828	N.D.	
45)	Di-n-Octylphthalate	35.02	149	3167	N.D.	
46)	Benzo(b)fluoranthene	36.05	252	2643	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	3634	N.D.	
48)	Benzo(a)pyrene	36.93	252	1476	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\DEC1001\LB.D Vial: 3
Acq On : 10 Dec 2001 11:42 am Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:18 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D Vial: 3
Acq On : 10 Dec 2001 11:42 am Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

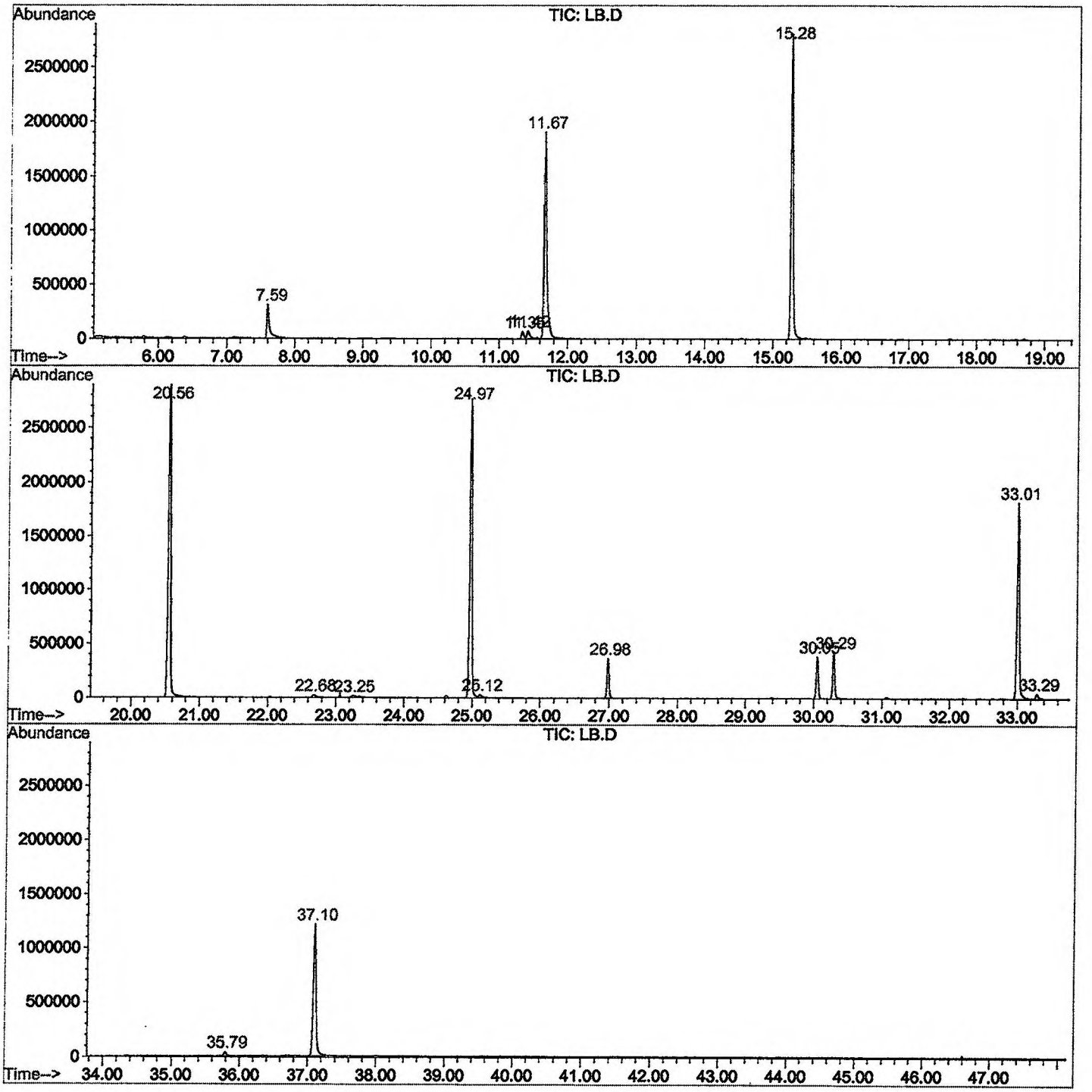
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	303	rBV	311068	907560	13.84%	2.573%
2	11.349	683	687	692	rBV	65937	154130	2.35%	0.437%
3	11.422	692	695	709	rVB	71082	209467	3.19%	0.594%
4	11.670	716	722	739	rBV	1900056	4745136	72.35%	13.451%
5	15.278	1109	1115	1133	rBV	2801001	6023133	91.83%	17.073%
6	20.557	1683	1690	1709	rBV	2895588	6558878	100.00%	18.592%
7	22.677	1916	1921	1929	rBV2	23611	90115	1.37%	0.255%
8	23.247	1978	1983	1990	rBV3	17086	66909	1.02%	0.190%
9	24.973	2164	2171	2183	rBV2	2766109	6090868	92.86%	17.265%
10	25.119	2183	2187	2196	rVB2	26251	78454	1.20%	0.222%
11	26.983	2385	2390	2401	rBV	366501	721205	11.00%	2.044%
12	30.049	2719	2724	2732	rBV	384994	786108	11.99%	2.228%
13	30.288	2744	2750	2759	rBV	429270	887624	13.53%	2.516%
14	33.005	3038	3046	3065	rBV2	1817977	4297181	65.52%	12.181%
15	33.290	3072	3077	3088	rVB2	44326	118342	1.80%	0.335%
16	35.787	3344	3349	3357	rBV	36987	95572	1.46%	0.271%
17	37.100	3484	3492	3510	rBV2	1212690	3447794	52.57%	9.773%

Sum of corrected areas: 35278476

LB.D GCMS1126.M Thu Dec 13 10:54:50 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\LB.D
Operator : 209 GALOS
Acquired : 10 Dec 2001 11:42 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30
Misc Info :
Vial Number: 3
Quant File :GCMS1126.RES (RTE Integrator)



LB.D GCMS1126.M Thu Dec 13 10:54:57 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D
Acq On : 10 Dec 2001 11:42 am
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

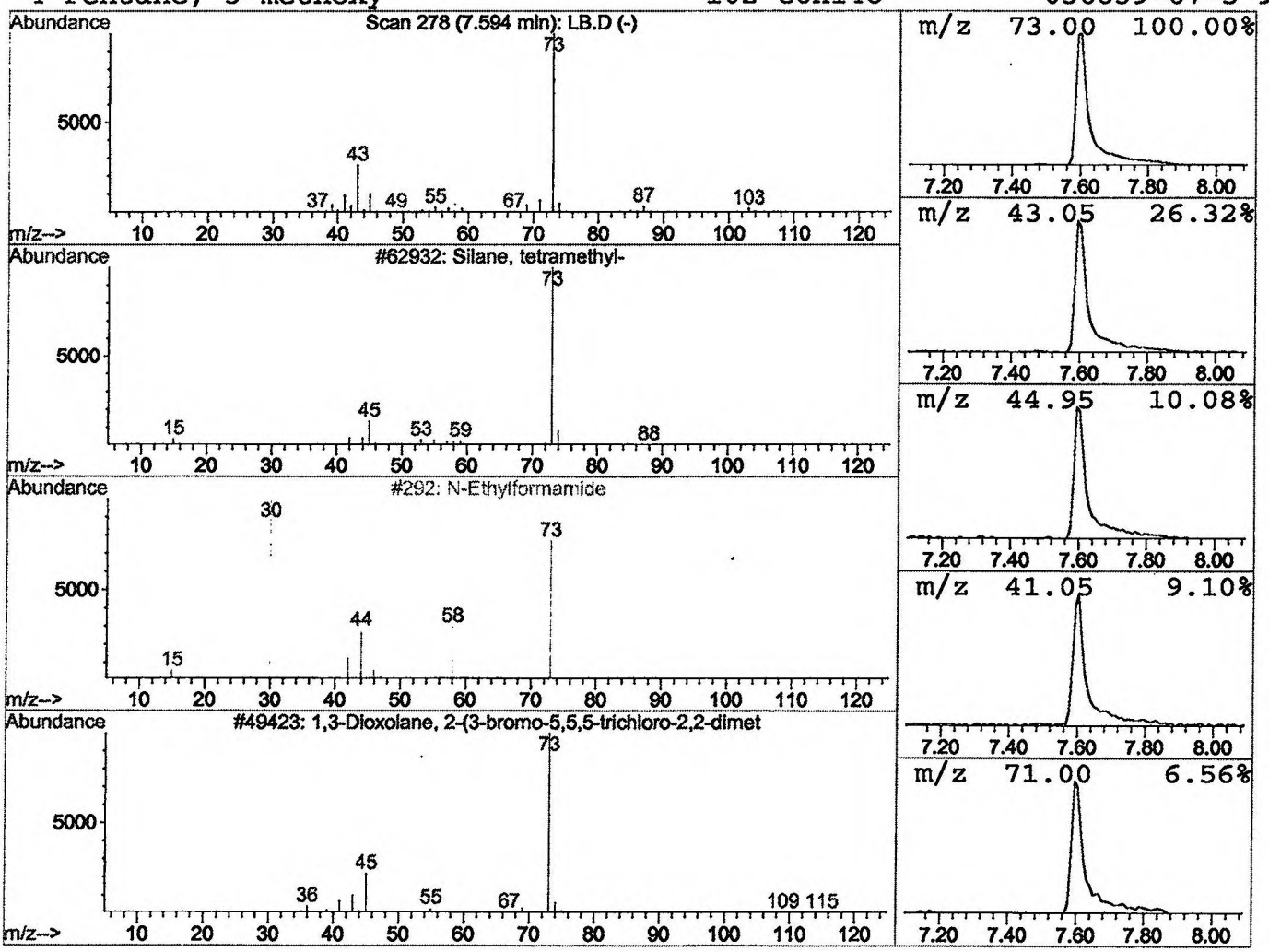
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.83 ug/l	907560	1,4-Dichlorobenzene-d4	11.67

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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D
Acq On : 10 Dec 2001 11:42 am
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

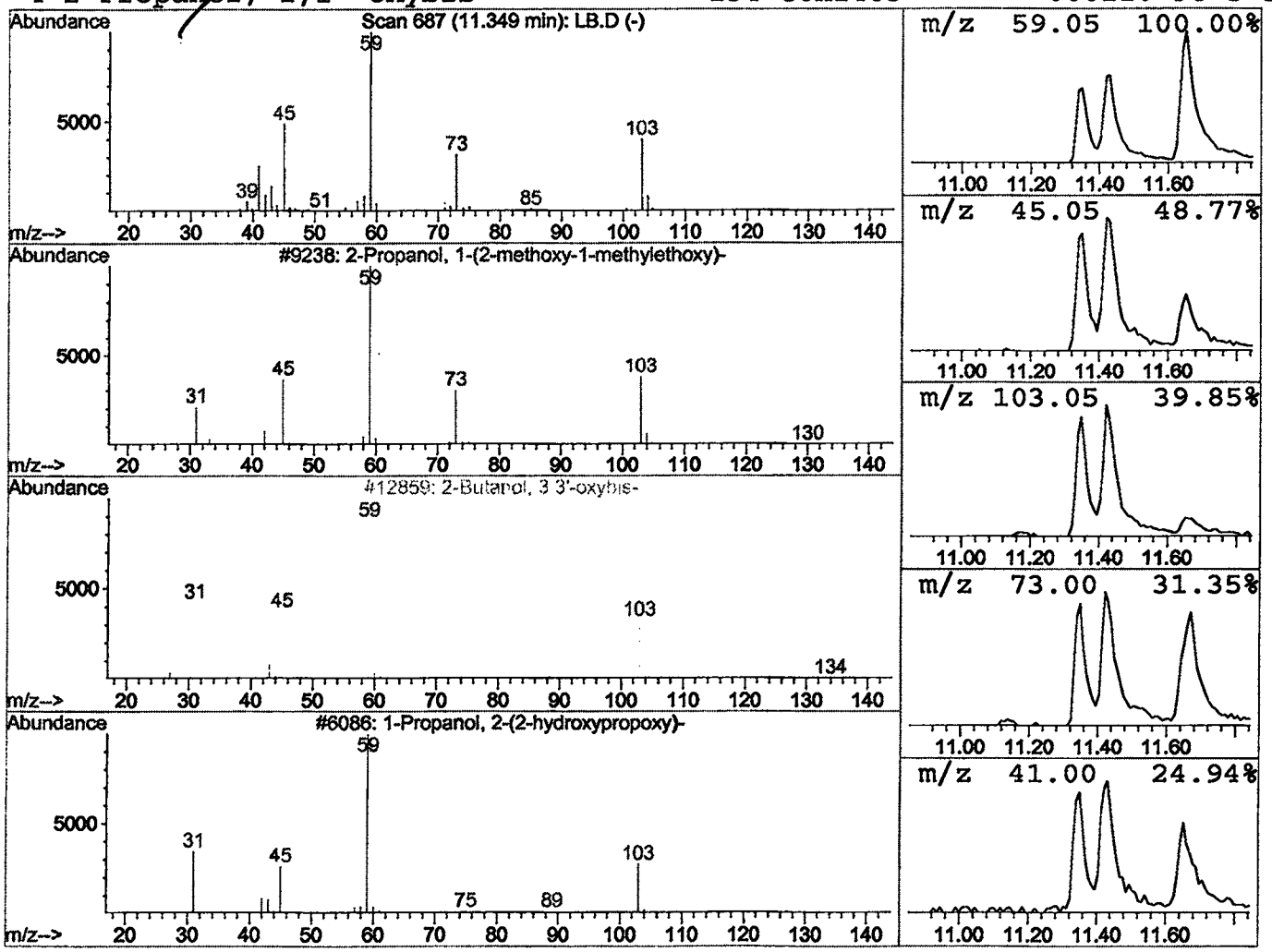
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.65 ug/l	154130	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D
Acq On : 10 Dec 2001 11:42 am
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

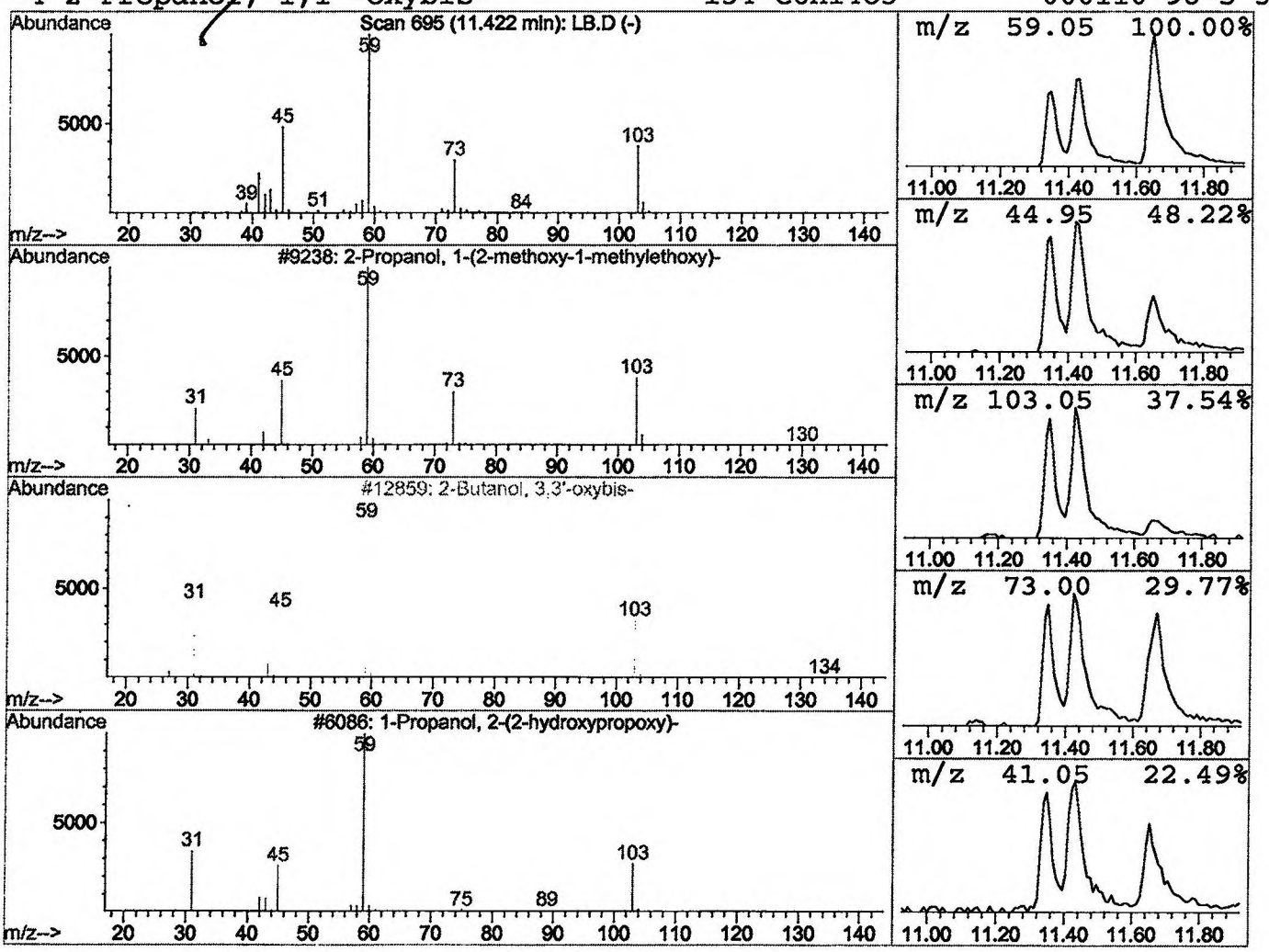
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.88 ug/l	209467	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D
Acq On : 10 Dec 2001 11:42 am
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

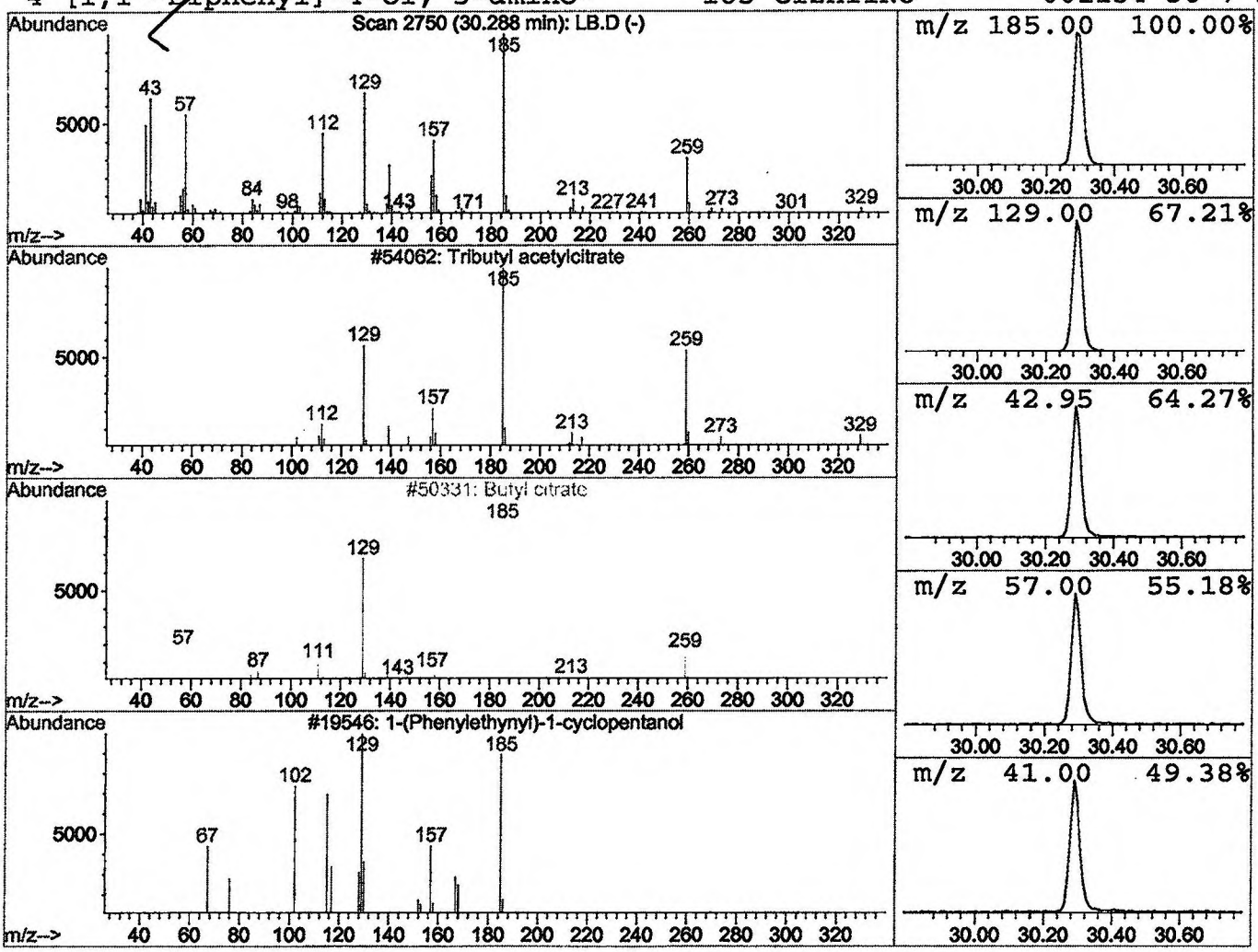
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Tributyl acetylcitrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.29	4.13 ug/l	887624	Chrysene-d12	33.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl acetylcitrate	402	C20H34O8	000077-90-7	47
2	Butyl citrate	360	C18H32O7	000077-94-1	43
3	1-(Phenylethynyl)-1-cyclopentanol	186	C13H14O	025118-60-9	30
4	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\LB.D
Acq On : 10 Dec 2001 11:42 am
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

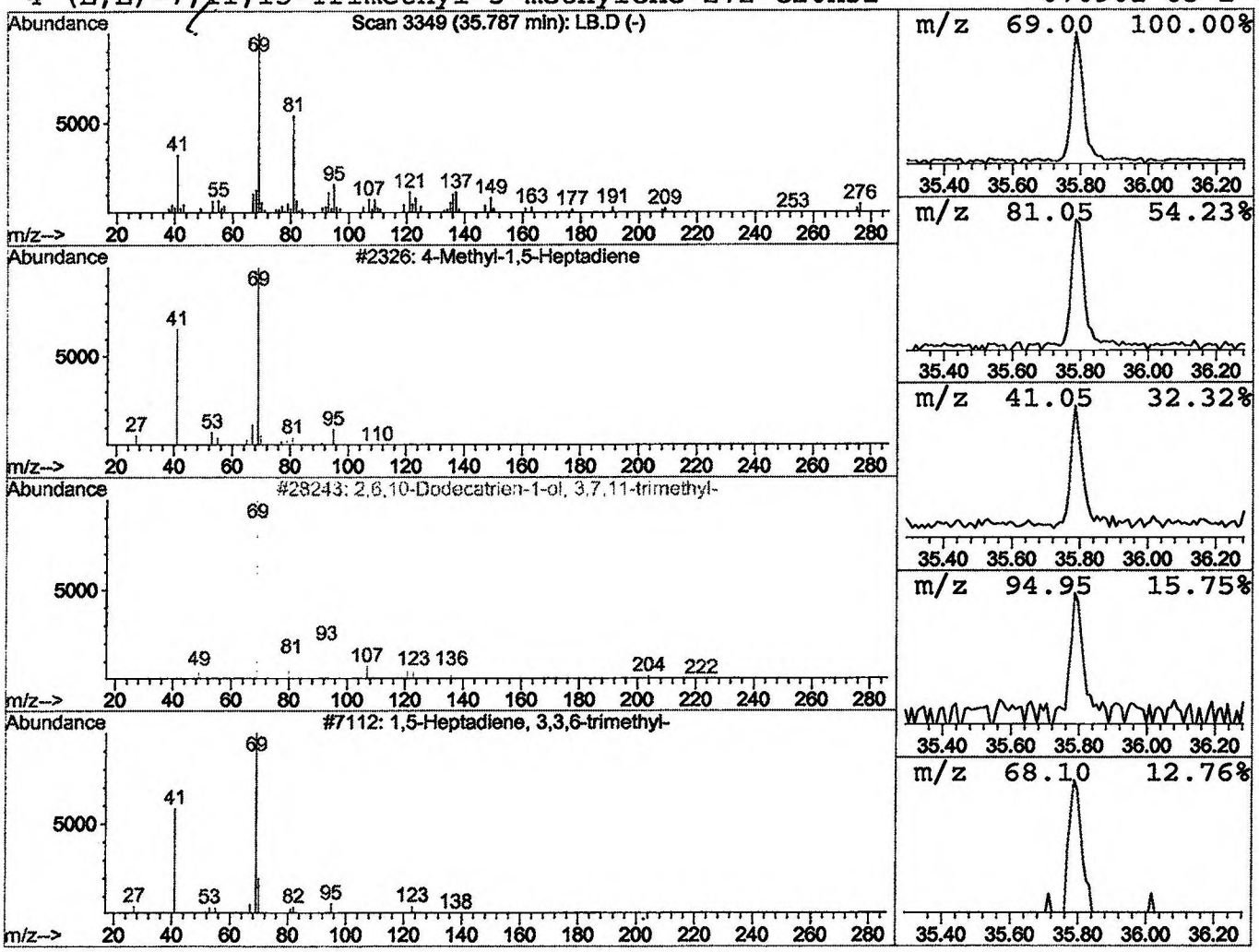
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 4-Methyl-1,5-Heptadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.79	0.55 ug/l	95572	Perylene-d12	37.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
2	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	222	C15H26O	004602-84-0	50
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	49
4	(E,E)-7,11,15-Trimethyl-3-methylene	272	C20H32	070901-63-2	45



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Dec 2001 11:42 am
Data File: C:\HPCHEM\1\DATA\DEC1001\LB.D
Name: gc/ms scan 11/30
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-	7.59	3.8	ug/l	907560	ISTD01	11.67	4745140	20.0
2-Propanol, 1-(2-met	11.35	0.6	ug/l	154130	ISTD01	11.67	4745140	20.0
2-Propanol, 1-(2-met	11.42	0.9	ug/l	209467	ISTD01	11.67	4745140	20.0
Tributyl acetylcitra	30.29	4.1	ug/l	887624	ISTD05	33.01	4297180	20.0
4-Methyl-1,5-Heptadi	35.79	0.6	ug/l	95572	ISTD06	37.10	3447790	20.0

LB.D GCMS1126.M Thu Dec 13 10:55:25 2001