User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 13:37:26

Sample: AE03385
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 3/8/02 13:33 Ended: 3/8/02 13:33 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\FEB2102\LBC.D Vial: 44
Acq On : 23 Feb 2002 11:27 am Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:04 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	234254	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	895463	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	483806	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	670877	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	430203	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	283269	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	47220	~~6.74~~ 3.89	ug/mL	0.32
Spiked Amount 5.000			Recovery =	~~134.80%~~ 78%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.97	74	570	N.D.		
3) bis(2-Chloroethyl)ether	11.72	93	823	N.D.		
4) 1,3-Dichlorobenzene	12.23	146	560	N.D.		
5) 1,4-Dichlorobenzene	12.37	146	776	N.D.		
6) 1,2-Dichlorobenzene	12.90	146	758	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	14.03	77	536	N.D.		
12) Isophorone	14.68	82	1277	N.D.		
13) bis(2-Chloroethoxy)methane	15.35	93	577	N.D.		
14) 1,2,4-Trichlorobenzene	15.85	180	541	N.D.		
15) Naphthalene	16.03	128	2883	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.54	162	1066	N.D.		
20) Dimethylphthalate	20.64	163	1443	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.82	152	1694	N.D.		
23) Acenaphthene	21.37	153	1514	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.77	149	1640	N.D.		
26) 4-Chlorophenyl-phenylether	22.93	204	496	N.D.		
27) Fluorene	22.90	166	1433	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D Vial: 44
Acq On : 23 Feb 2002 11:27 am Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:04 2002 Quant Results File: GCMS0208.RES

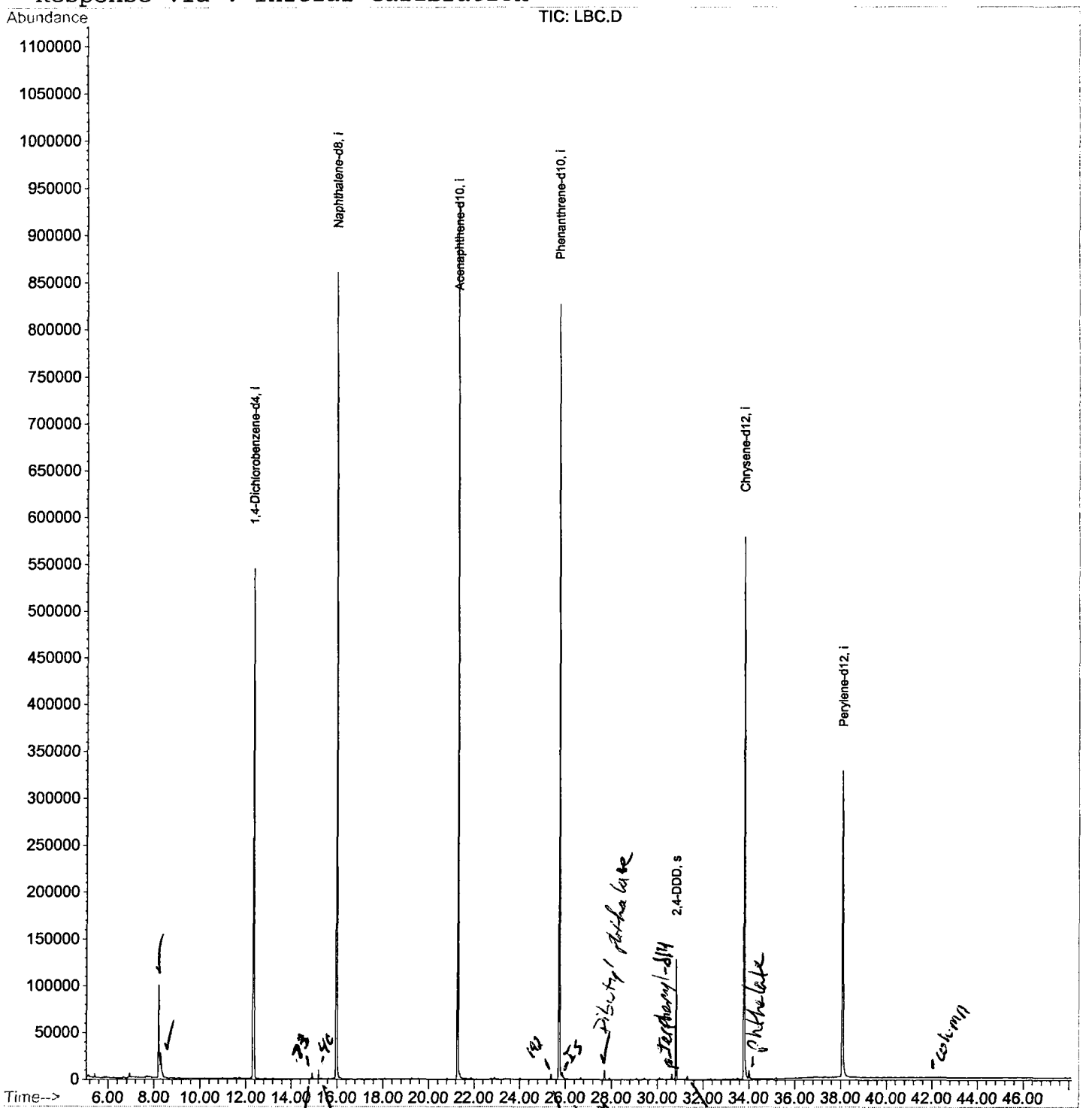
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	24.39	248	207	N.D.	
32)	Hexachlorobenzene	24.82	284	332	N.D.	
33)	Phenanthrene	25.80	178	2615	N.D.	
34)	Anthracene	25.80	178	2615	N.D.	
35)	Di-n-butylphthalate	27.71	149	12979	N.D.	
36)	Fluoranthene	29.43	202	2292	N.D.	
39)	Pyrene	30.12	202	2378	N.D.	
40)	Butylbenzylphthalate	32.24	149	1081	N.D.	
41)	Benzo(a)anthracene	33.87	228	3927	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	6839	N.D.	
43)	Chrysene	33.87	228	4051	N.D.	
45)	Di-n-Octylphthalate	35.75	149	1124	N.D.	
46)	Benzo(b)fluoranthene	36.87	252	1915	N.D.	
47)	Benzo(k)fluoranthene	36.94	252	4276	N.D.	
48)	Benzo(a)pyrene	37.88	252	969	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

Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D Vial: 44
Acq On : 23 Feb 2002 11:27 am Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:04 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D Vial: 44
Acq On : 23 Feb 2002 11:27 am Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

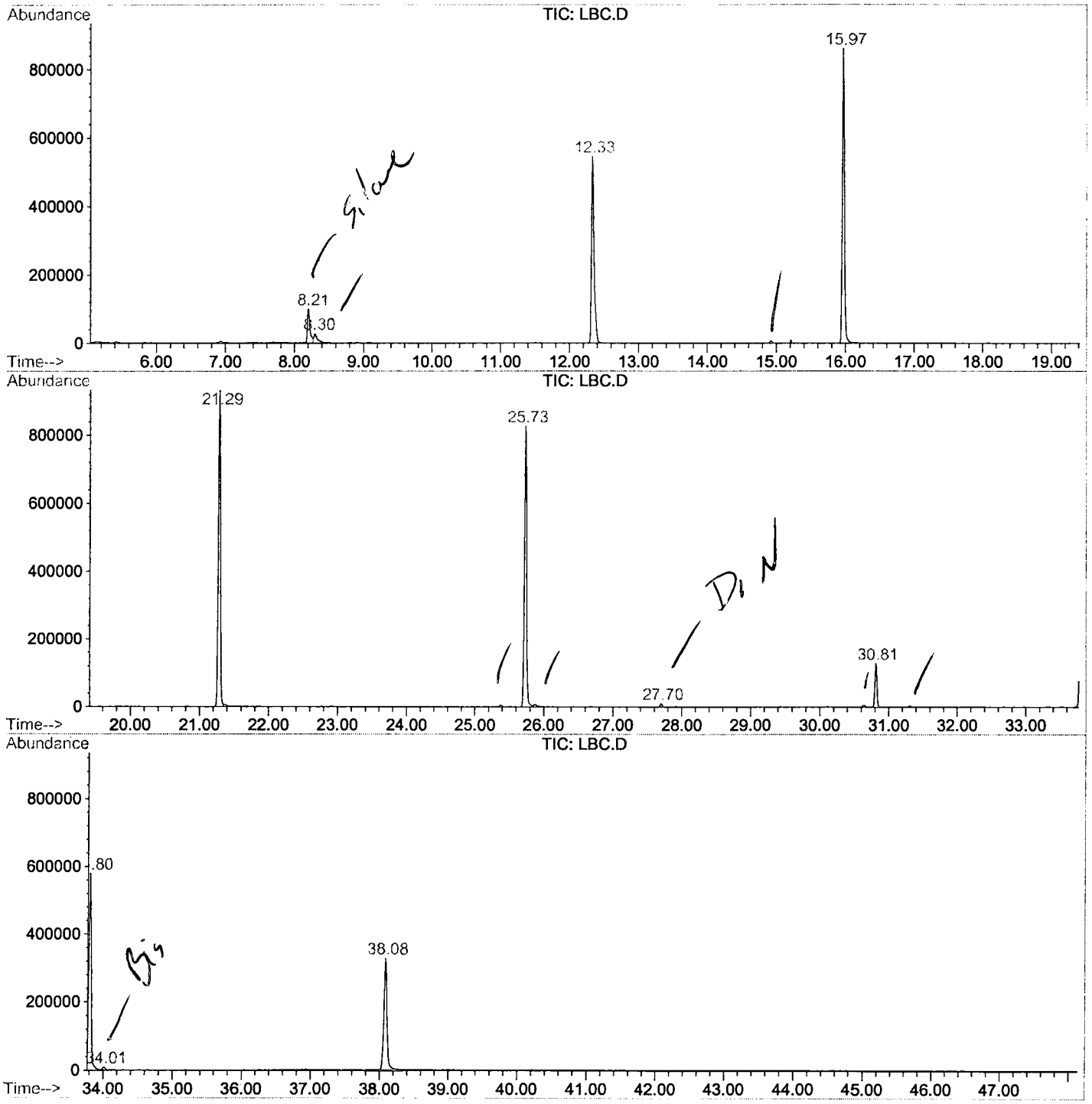
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.206	340	345	352	rBV	98452	246149	12.77%	2.500%
2	8.298	352	355	370	rVB	25980	89969	4.67%	0.914%
3	12.328	789	794	810	rVB	544310	1369478	71.05%	13.910%
4	15.973	1185	1191	1205	rBV	859699	1767546	91.70%	17.953%
5	21.288	1763	1770	1777	rBV	933803	1927585	100.00%	19.579%
6	25.731	2248	2254	2265	rBV2	826403	1797618	93.26%	18.259%
7	27.696	2464	2468	2473	rBV	9904	19460	1.01%	0.198%
8	30.808	2802	2807	2814	rBV	128009	253950	13.17%	2.579%
9	33.801	3123	3133	3151	rBV2	579173	1342488	69.65%	13.636%
10	34.012	3151	3156	3163	rVB2	8359	21028	1.09%	0.214%
11	38.079	3591	3599	3618	rBV2	326122	1010000	52.40%	10.259%

Sum of corrected areas: 9845271

LBC.D GCMS0208.M Fri Mar 08 09:50:44 2002

GSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\LBC.D
Operator :
Acquired : 23 Feb 2002 11:27 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 44
Quant File :GCMS0208.RES (RTE Integrator)



LBC.D GCMS0208.M Fri Mar 08 09:50:50 2002

```
   Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D              Vial: 44
   Acq On    : 23 Feb 2002  11:27 am                    Operator:
   Sample    : gc/ms scan 1/14                          Inst    : GC/MS 209
   Misc      :                                          Multiplr: 1.00
   MS Integration Params: LSCINT.P

   Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.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.
----------------------------------------------------------------------
  8.21    3.59 ug/l        246149    1,4-Dichlorobenzene-d4     12.33

 Hit# of  5    Tentative ID                 MW  MolForm       CAS#        Qual
-------------------------------------------------------------------------------
 1 Silane, tetramethyl-                     88 C4H12Si       000075-76-3 9
 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 1,3-Dioxolane, 2-pentadecyl-        284 C18H36O2          004360-57-0 9
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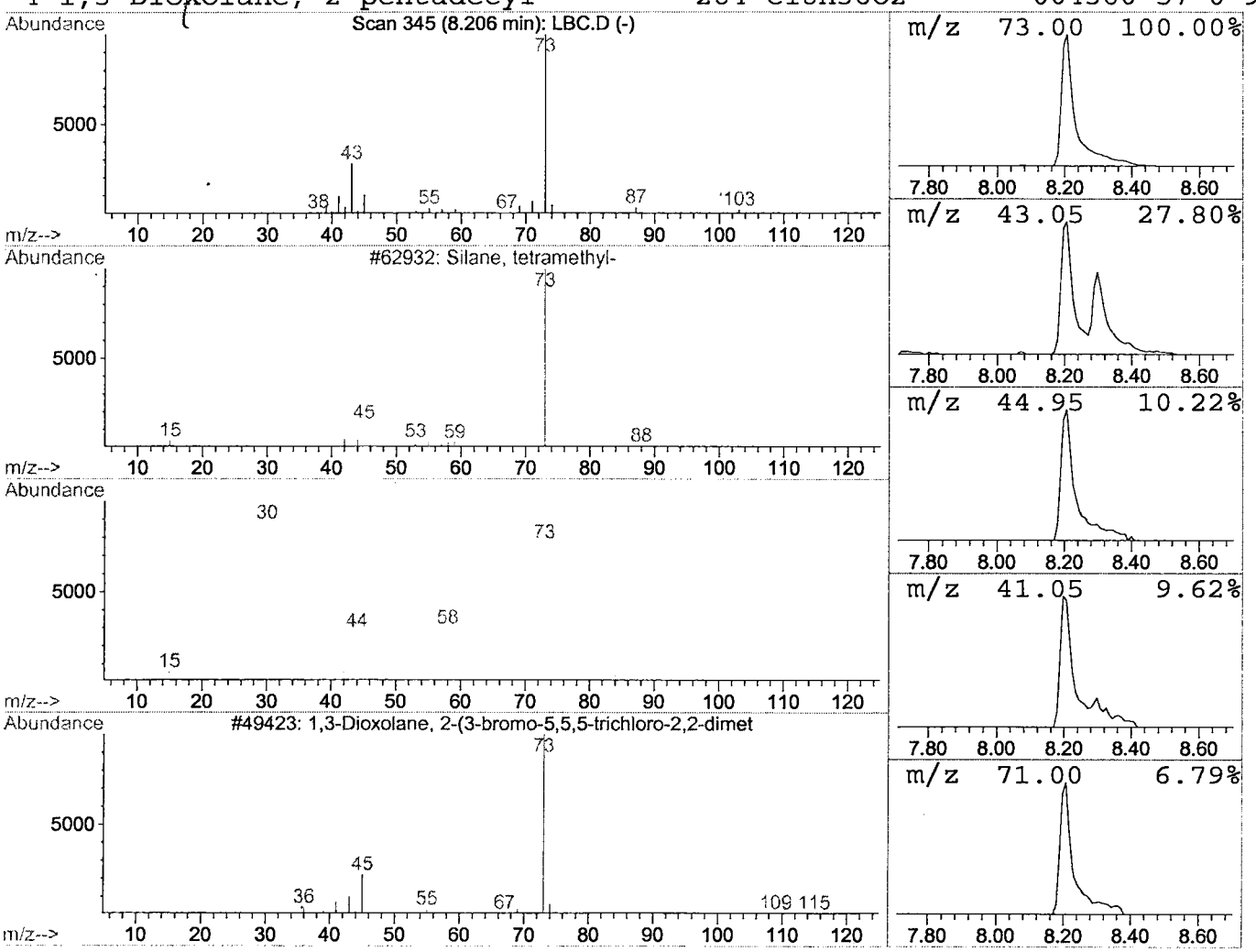


Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D Vial: 44
Acq On : 23 Feb 2002 11:27 am Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

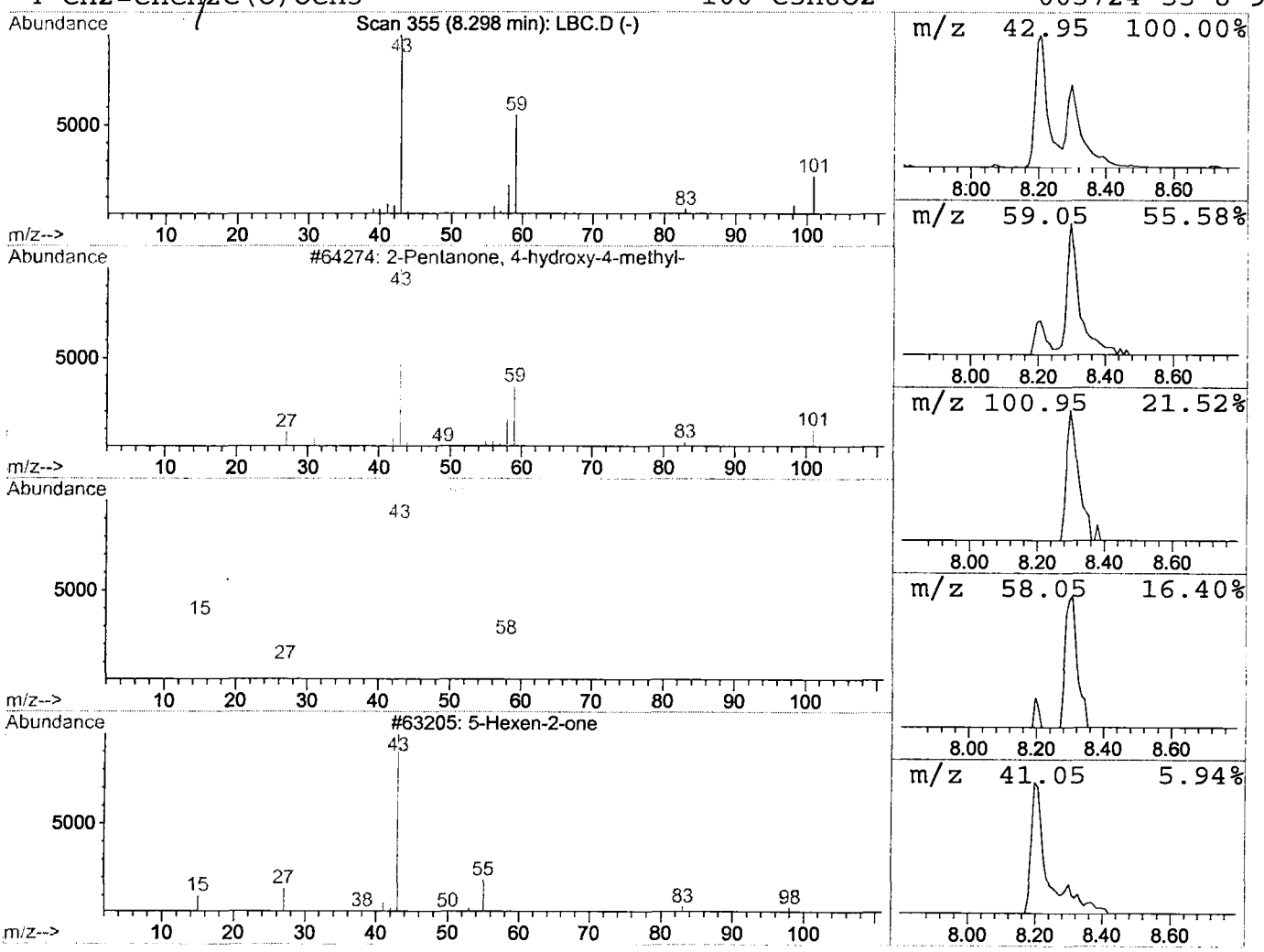
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	1.31 ug/l	89969	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D Vial: 44
Acq On : 23 Feb 2002 11:27 am Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

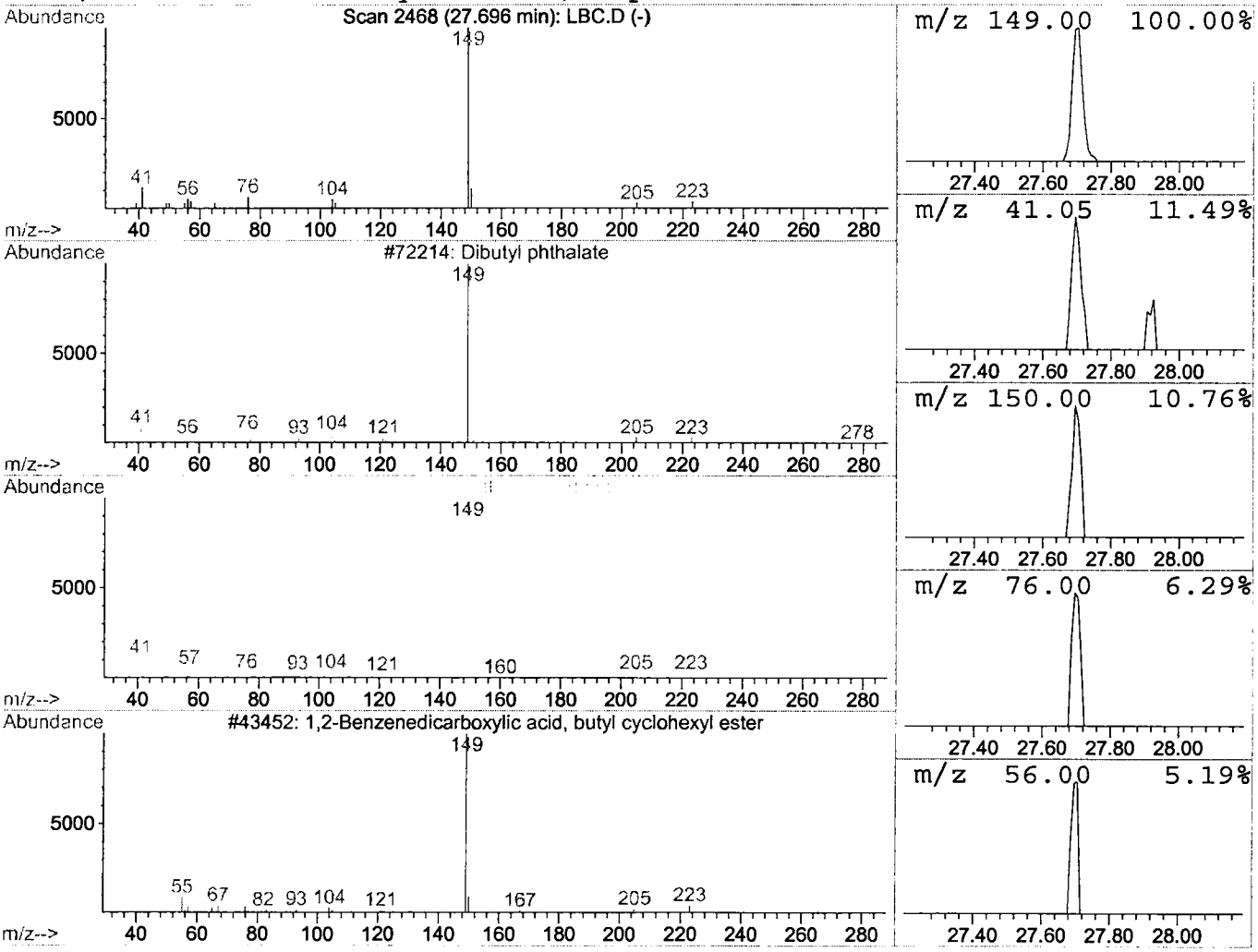
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Dibutyl phthalate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.70	0.22 ug/l	19460	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
2	Bis(2-methoxyethyl) phthalate	282	C14H18O6	000117-82-8	78
3	1,2-Benzenedicarboxylic acid, butyl	304	C18H24O4	000084-64-0	74
4	1,2-Benzenedicarboxylic acid, dipro	250	C14H18O4	000131-16-8	72



Data File : C:\HPCHEM\1\DATA\FEB2102\LBC.D
Acq On : 23 Feb 2002 11:27 am
Sample : gc/ms scan 1/14
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator:
Inst : GC/MS 209
Multiplr: 1.00

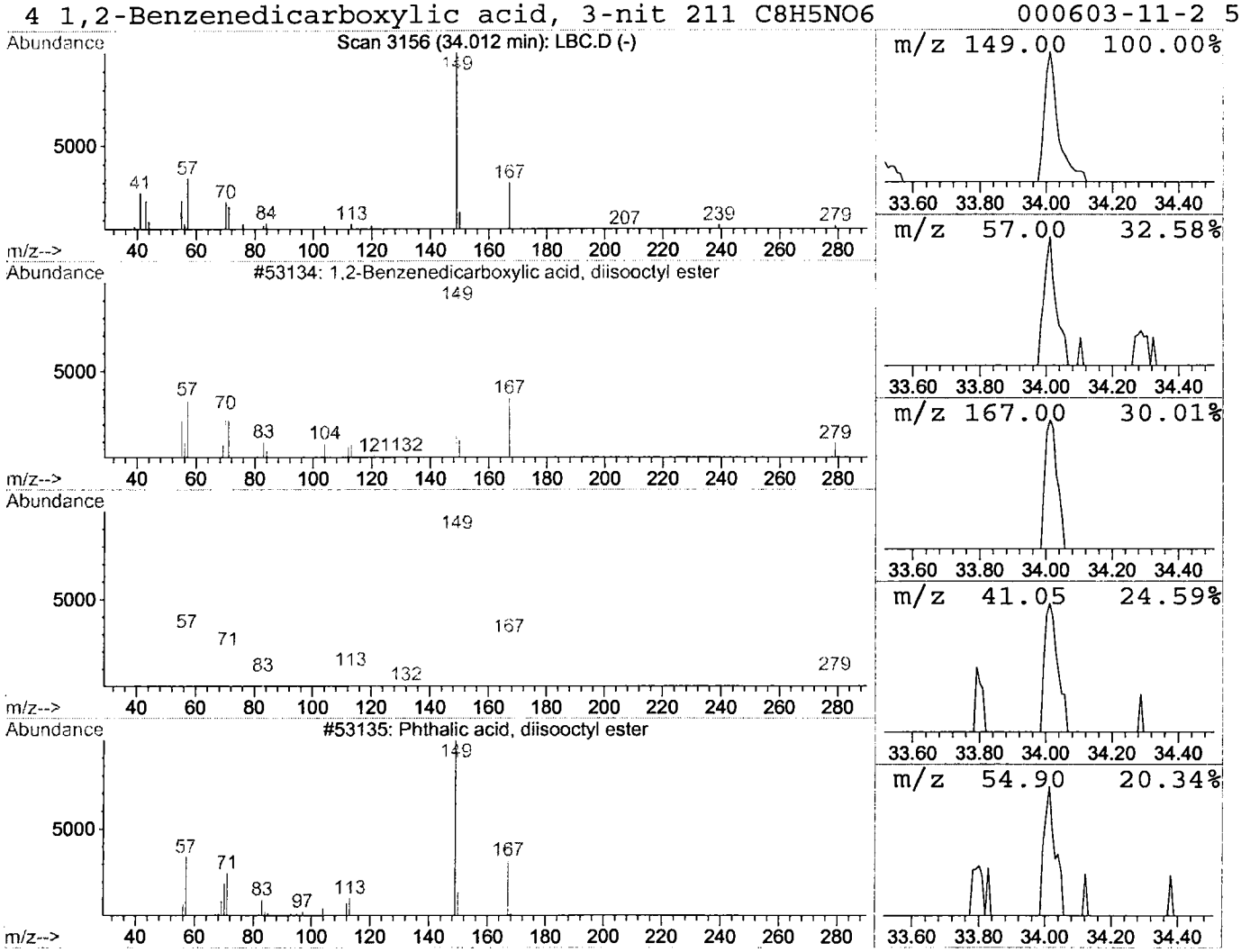
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,2-Benzenedicarboxylic acid, Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.01	0.31 ug/l	21028	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, diiso	390	C24H38O4	027554-26-3	86
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	78
3	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	64
4	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	56



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 11:27 am
Data File: C:\HPCHEM\1\DATA\FEB2102\LBC.D
Name: gc/ms scan 1/14
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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-	8.21	3.6	ug/l	246149	ISTD01	12.33	1369480	20.0
2-Pentanone, 4-hydro	8.30	1.3	ug/l	89969	ISTD01	12.33	1369480	20.0
Dibutyl phthalate	27.70	0.2	ug/l	19460	ISTD04	25.73	1797620	20.0
1,2-Benzenedicarboxy	34.01	0.3	ug/l	21028	ISTD05	33.80	1342490	20.0

LBC.D GCMS0208.M Fri Mar 08 09:51:12 2002