User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 12:49:27

Sample: AD29735
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/29/02 12:48 Ended: 1/29/02 12:48 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 : M:\INSTRU~1\209\DATA\DEC2101\LBE.D Vial: 15
Acq On : 22 Dec 2001 10:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:56 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
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	777544	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	2982160	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1437334	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2150012m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1377050	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	839824	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	110574	4.68	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 93.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	722	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	13.23	77	172	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	15.34	128	803	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	21.07	165	259	N.D.		
25) Diethylphthalate	22.11	149	1113	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 : M:\INSTRU~1\209\DATA\DEC2101\LBE.D Vial: 15
Acq On : 22 Dec 2001 10:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:56 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

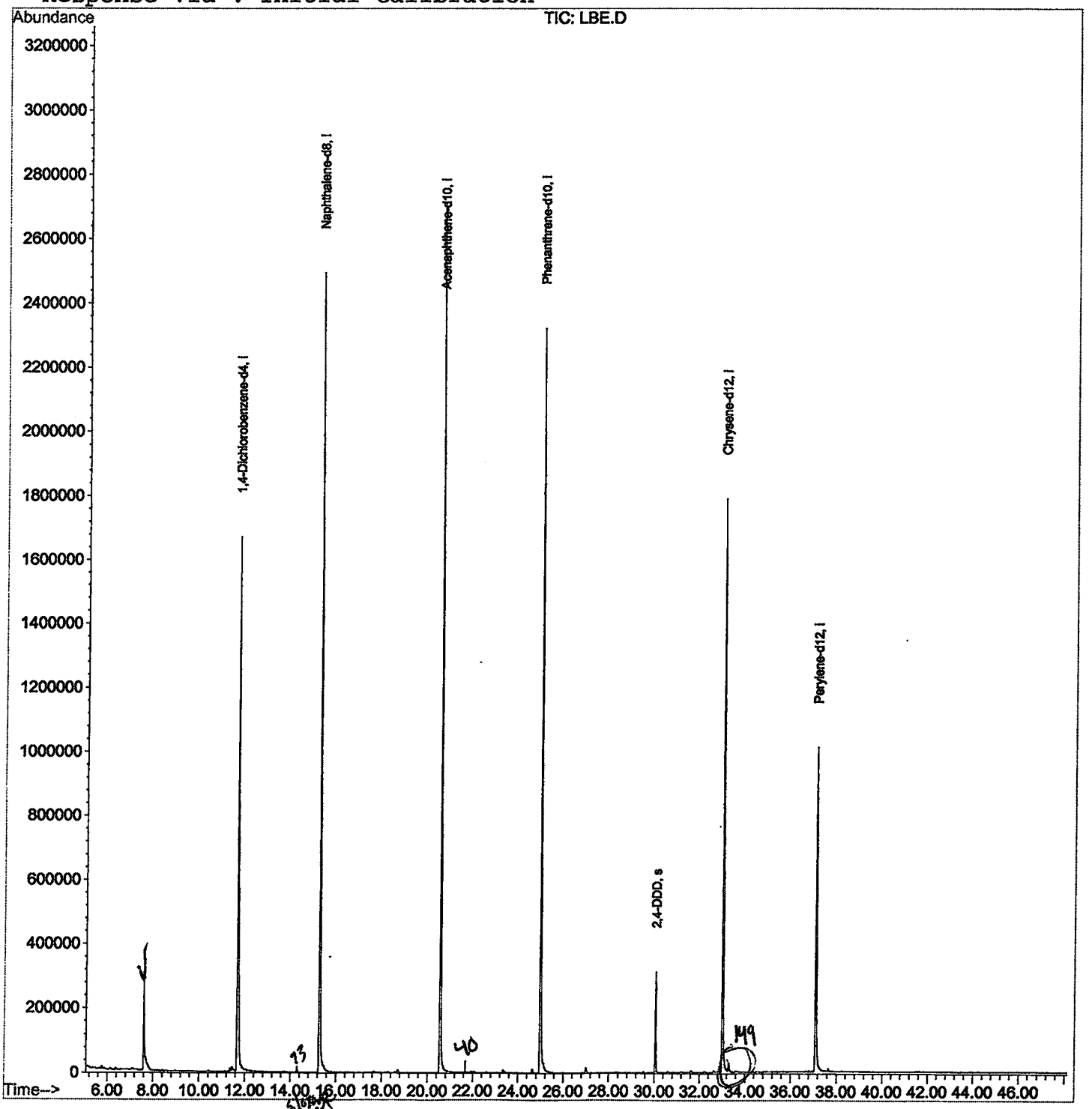
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	583	N.D.	
34)	Anthracene	25.04	178	583	N.D.	
35)	Di-n-butylphthalate	27.01	149	27627	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	1343	N.D.	
41)	Benzo(a)anthracene	33.00	228	4738	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	17680	N.D.	
43)	Chrysene	33.08	228	2216	N.D.	
45)	Di-n-Octylphthalate	35.05	149	897	N.D.	
46)	Benzo(b)fluoranthene	36.07	252	402	N.D.	
47)	Benzo(k)fluoranthene	36.14	252	663	N.D.	
48)	Benzo(a)pyrene	37.10	252	3435	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 : M:\INSTRU~1\209\DATA\DEC2101\LBE.D Vial: 15
Acq On : 22 Dec 2001 10:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:56 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\LBE.D Vial: 15
Acq On : 22 Dec 2001 10:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/17 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

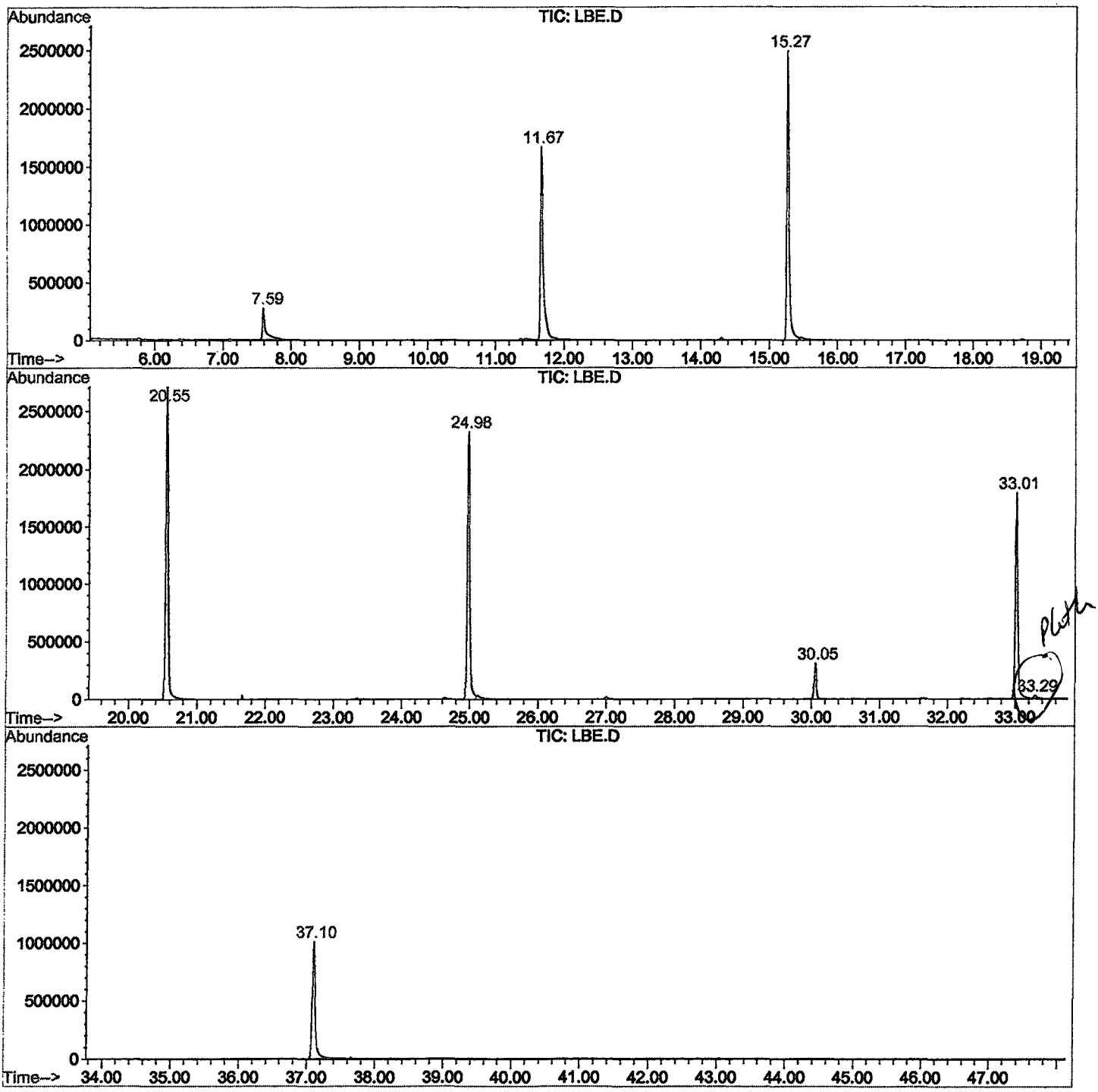
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.590	273	277	311	rVB	274083	899792	14.49%	2.829%
2	11.666	716	721	757	rBV	1667039	4767616	76.80%	14.992%
3	15.274	1109	1114	1133	rBV	2491841	5837151	94.03%	18.355%
4	20.553	1683	1689	1722	rBV	2712800	6207689	100.00%	19.520%
5	24.977	2164	2171	2184	rBV2	2322489	5801665	93.46%	18.244%
6	30.054	2719	2724	2734	rBV	312015	677898	10.92%	2.132%
7	33.010	3039	3046	3072	rBV2	1789627	4429440	71.35%	13.929%
8	33.295	3072	3077	3086	rVB3	26047	78067	1.26%	0.245%
9	37.105	3484	3492	3513	rBV	1009232	3101654	49.96%	9.753%

Sum of corrected areas: 31800972

LBE.D GCMS1126.M Tue Jan 29 14:35:17 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2101\LBE.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 10:26 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/17
Misc Info :
Vial Number: 15
Quant File :GCMS1126.RES (RTE Integrator)



LBE.D GCMS1126.M Tue Jan 29 14:35:23 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\LBE.D
Acq On : 22 Dec 2001 10:26 pm
Sample : gc/ms scan 12/17
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

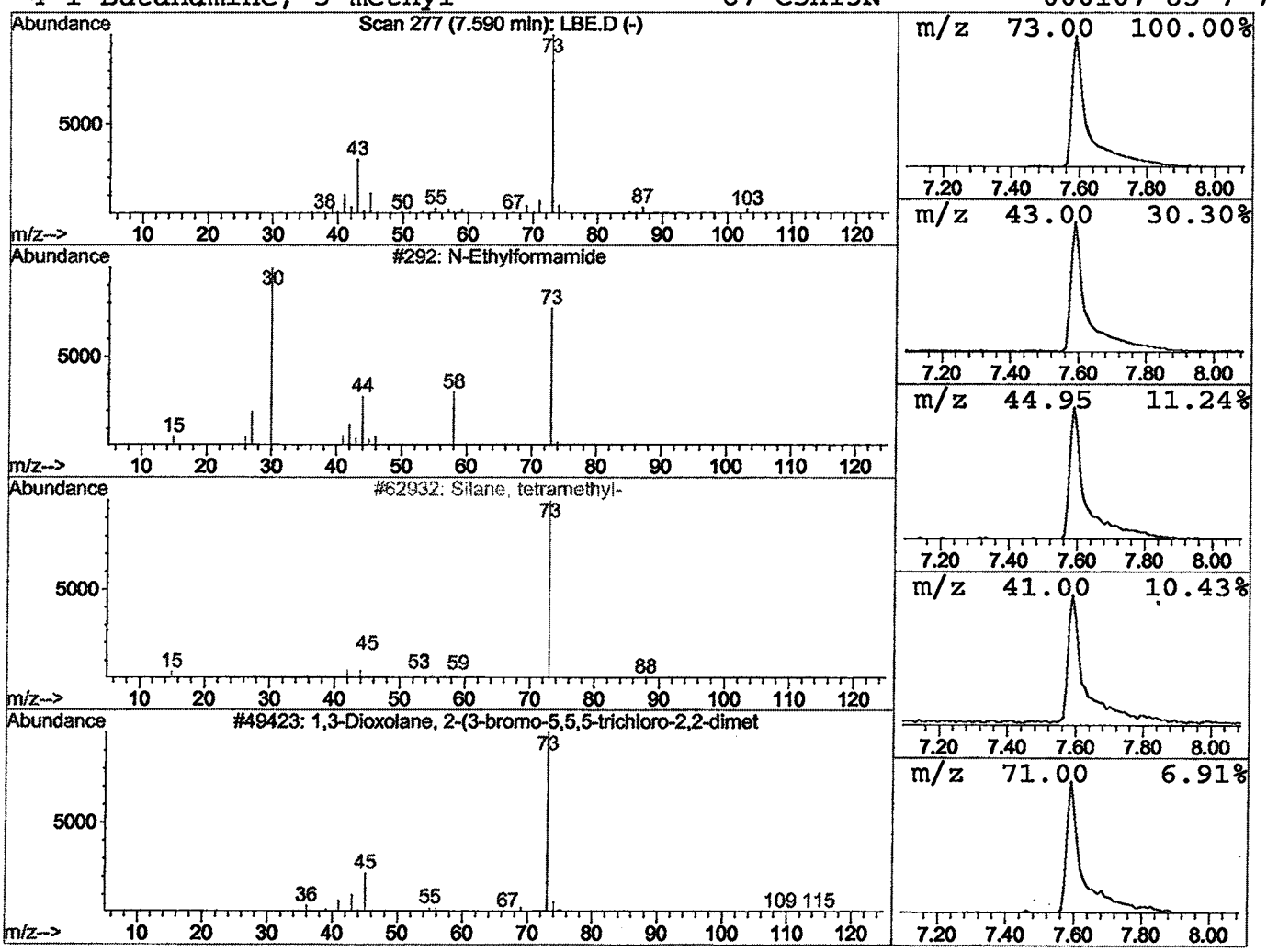
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.77 ug/l	899792	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\LBE.D
Acq On : 22 Dec 2001 10:26 pm
Sample : gc/ms scan 12/17
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

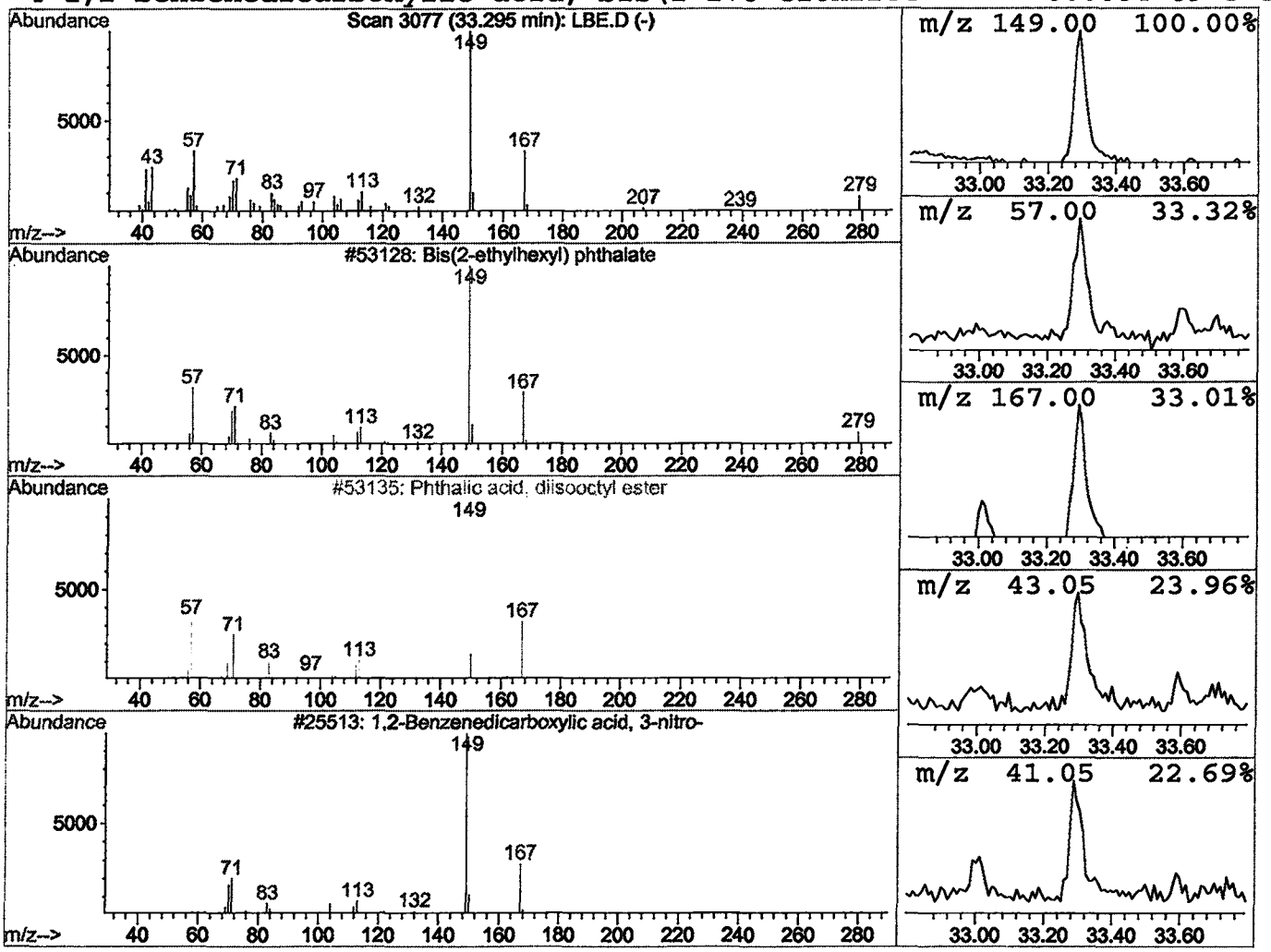
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Bis(2-ethylhexyl) phthalate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.29	0.35 ug/l	78067	Chrysene-d12	33.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
2	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	80
3	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	80
4	1,2-Benzenedicarboxylic acid, bis(2	278	C16H22O4	000084-69-5	53



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 22 Dec 2001 10:26 pm
Data File: M:\INSTRU~1\209\DATA\DEC2101\LBE.D
Name: gc/ms scan 12/17
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
N-Ethylformamide	7.59	3.8	ug/l	899792	ISTD01	11.67	4767620	20.0
Bis(2-ethylhexyl) ph	33.29	0.4	ug/l	78067	ISTD05	33.01	4429440	20.0

LBE.D GCMS1126.M Tue Jan 29 14:35:38 2002

Column leak
73