User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 10:50:28

Sample: AD30021
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/7/02 10:44 Ended: 1/7/02 10:44 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	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-Diphenylhydraz		< 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		< MDL	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		< MDL	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\DEC1901\LB.D
Acq On : 19 Dec 2001 11:42 am
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 3 10:12 2002

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	833379	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3224323	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1614308	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2372349m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1566117	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1021722	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	138573	5.31	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 106.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.32	74	322	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	13.41	77	101	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	1003	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	102	N.D.		
25) Diethylphthalate	0.00	149	0	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\DEC1901\LB.D Vial: 3
Acq On : 19 Dec 2001 11:42 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 10:12 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 Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

	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	24.98	178	1281	N.D.	
34)	Anthracene	24.98	178	1281	N.D.	
35)	Di-n-butylphthalate	27.01	149	12401	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.51	149	243	N.D.	
41)	Benzo(a)anthracene	33.01	228	6754	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	2983	N.D.	
43)	Chrysene	33.09	228	4223	N.D.	
45)	Di-n-Octylphthalate	34.96	149	102	N.D.	
46)	Benzo(b)fluoranthene	36.08	252	1175	N.D.	
47)	Benzo(k)fluoranthene	36.08	252	1322	N.D.	
48)	Benzo(a)pyrene	37.11	252	4575	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.	

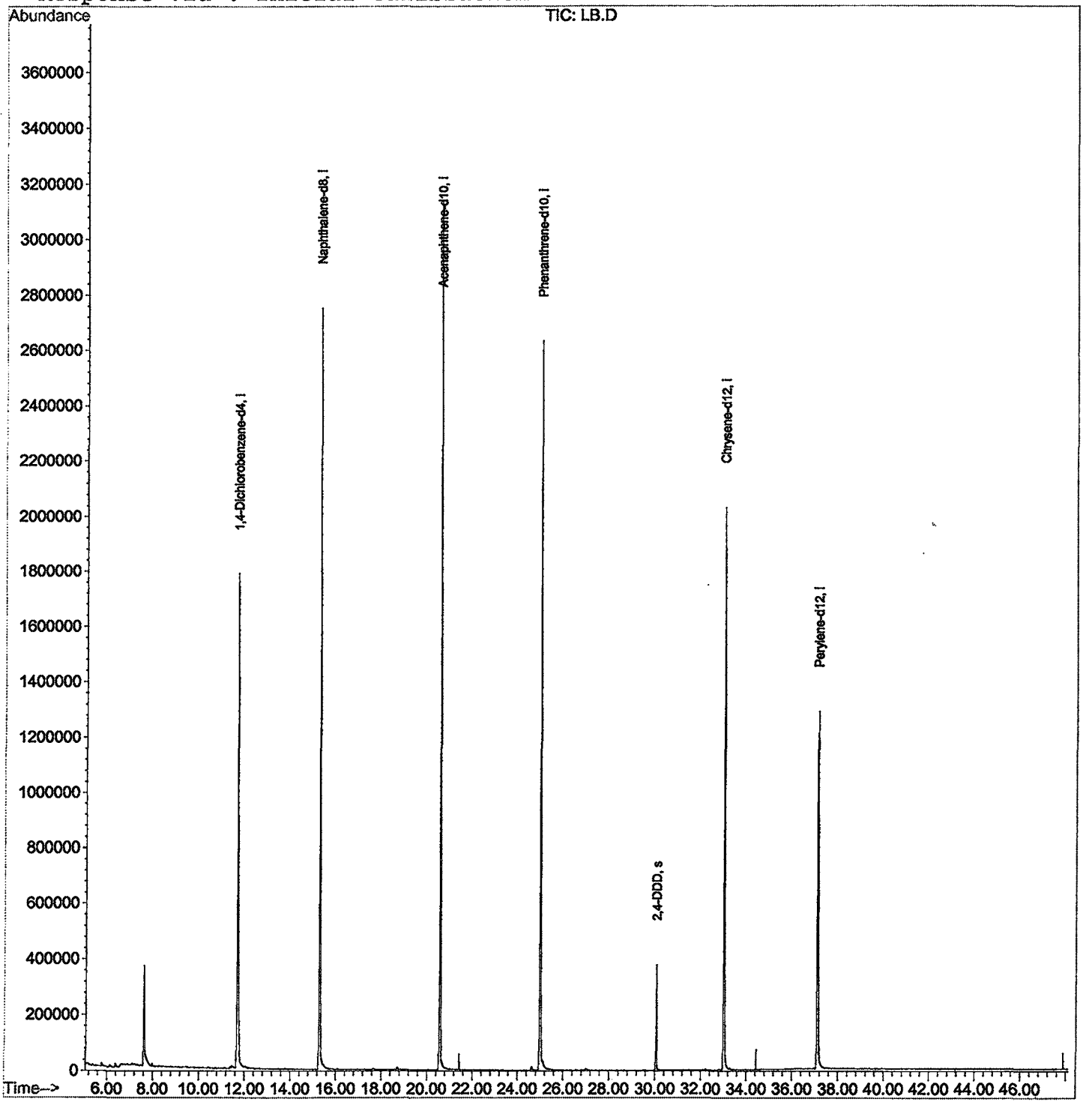
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LB.D
Acq On : 19 Dec 2001 11:42 am
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 3 10:12 2002

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LB.D Vial: 3
Acq On : 19 Dec 2001 11:42 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 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

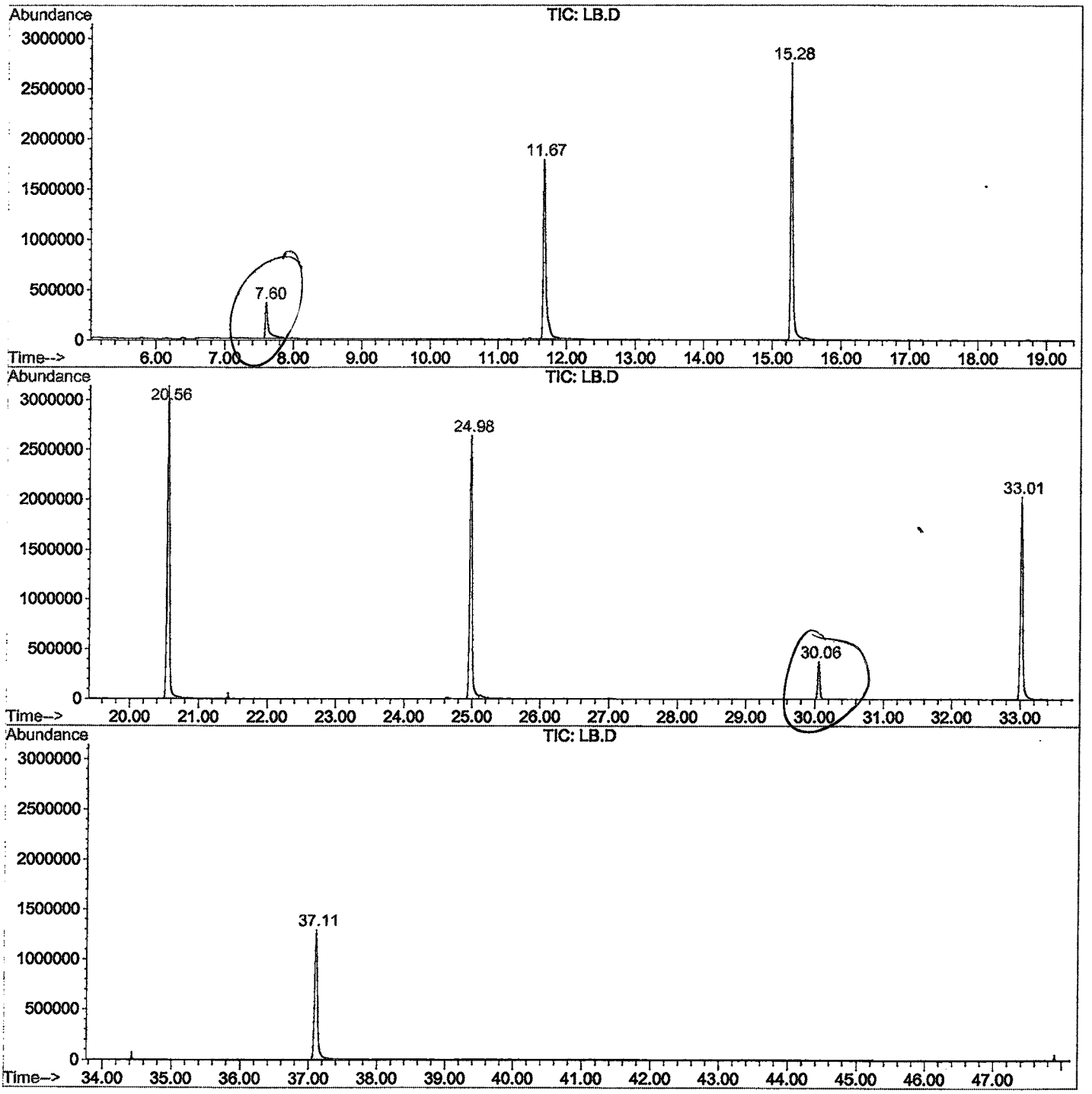
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	316	rVB	358224	1094606	16.04%	3.144%
2	11.669	717	722	749	rBV	1781730	4846705	71.01%	13.919%
3	15.277	1110	1115	1134	rBV	2749586	6241875	91.45%	17.926%
4	20.556	1684	1690	1715	rBV	3139139	6825293	100.00%	19.601%
5	24.981	2165	2172	2185	rBV2	2632286	6295277	92.23%	18.079%
6	30.058	2719	2725	2733	rBV	377666	794714	11.64%	2.282%
7	33.014	3039	3047	3073	rBV2	2029959	4970142	72.82%	14.274%
8	37.108	3485	3493	3521	rBV	1285969	3751728	54.97%	10.775%

Sum of corrected areas: 34820340

LB.D GCMS1126.M Thu Jan 03 10:13:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\LB.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 11:42 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12
Misc Info :
Vial Number: 3
Quant File :GCMS1126.RES (RTE Integrator)



LB.D GCMS1126.M Thu Jan 03 10:13:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\LB.D
Acq On : 19 Dec 2001 11:42 am
Sample : gc/ms scan 12/12
Misc :
MS Integration Params: LSCINT.P

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

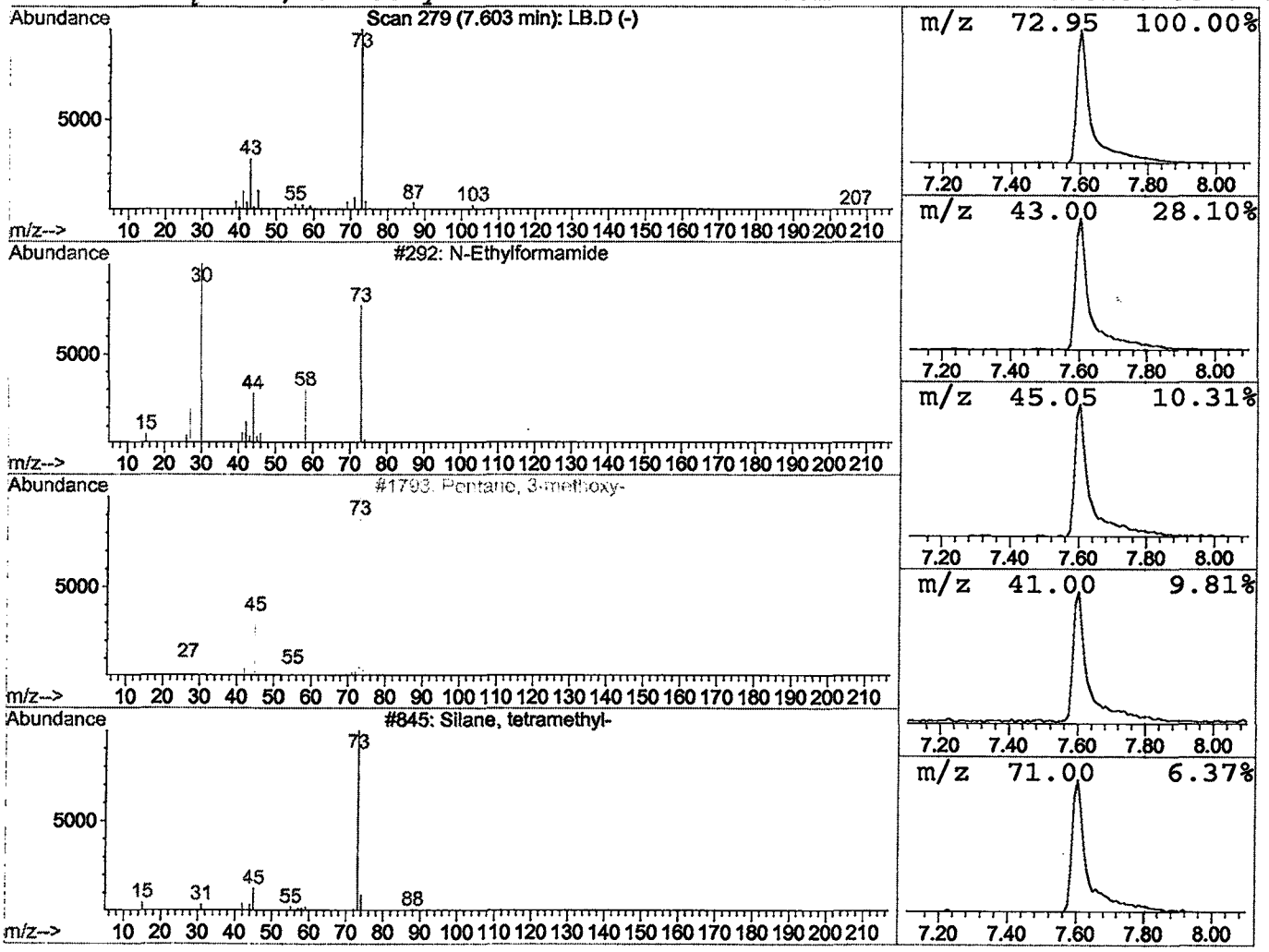
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.52 ug/l	1094610	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 11:42 am
Data File: C:\HPCHEM\1\DATA\DEC1901\LB.D
Name: gc/ms scan 12/12
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	7.60	4.5	ug/l	1094610	ISTD01	11.67	4846710	20.0

LB.D GCMS1126.M Thu Jan 03 10:13:30 2002