User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 15:18:18

Sample: AE05515
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 4/4/02 15:11 Ended: 4/4/02 15:11 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\APR0102\LB.D Vial: 3
Acq On : 1 Apr 2002 1:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 14:00 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	587663	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2160949	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1216459	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1704799	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	875057	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	480015	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	88631	5.18	ug/mL	0.21
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	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	15.94	128	239	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.68	149	1163	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\APR0102\LB.D Vial: 3
Acq On : 1 Apr 2002 1:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 14:00 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

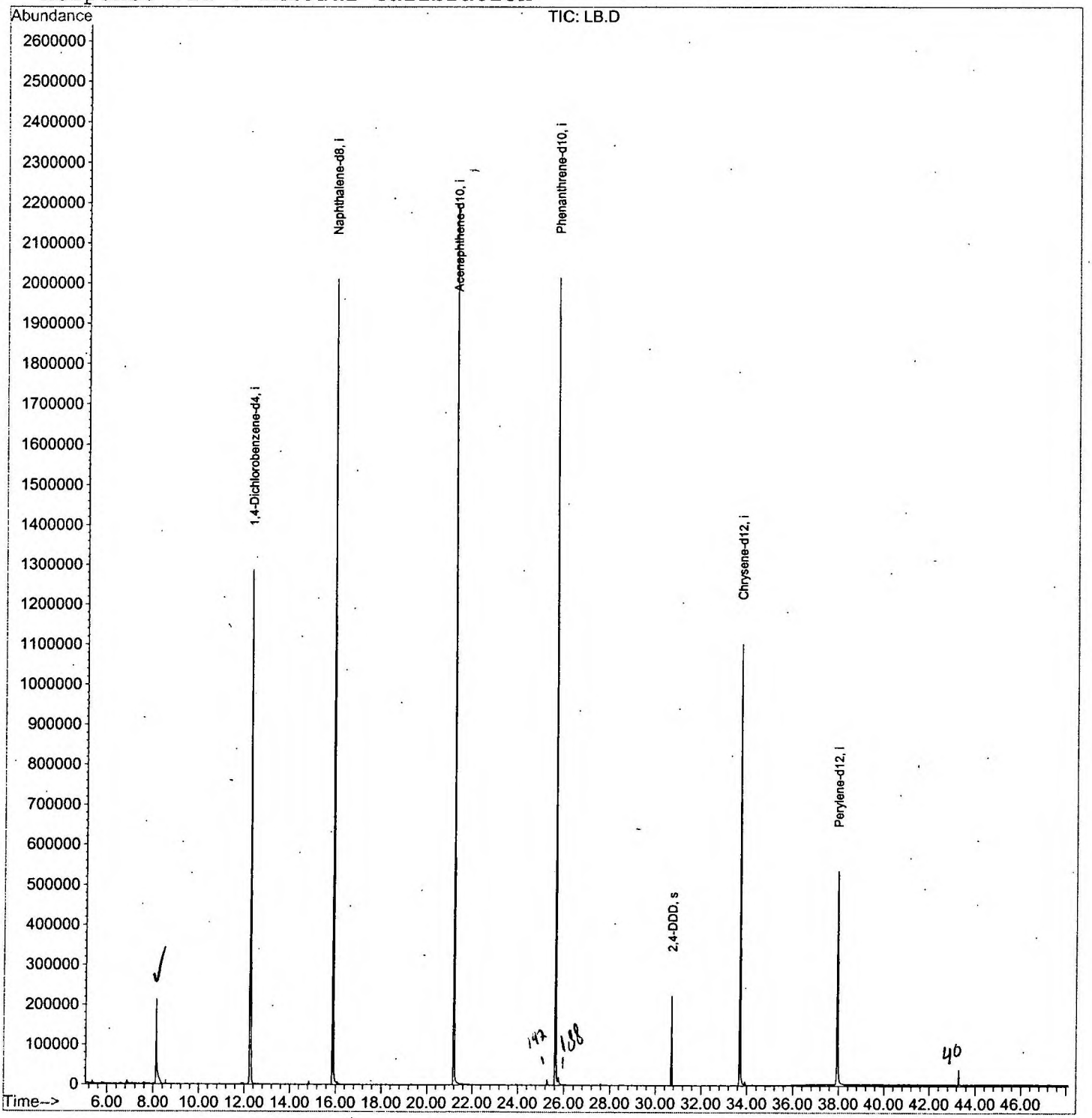
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.69	178	357	N.D.	
34)	Anthracene	25.70	178	357	N.D.	
35)	Di-n-butylphthalate	27.60	149	5831	N.D.	
36)	Fluoranthene	29.33	202	182	N.D.	
39)	Pyrene	30.01	202	577	N.D.	
40)	Butylbenzylphthalate	32.13	149	599	N.D.	
41)	Benzo(a)anthracene	33.70	228	4924	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	5518	N.D.	
43)	Chrysene	33.77	228	3835	N.D.	
45)	Di-n-Octylphthalate	35.65	149	538	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	1649	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	1572	N.D.	
48)	Benzo(a)pyrene	37.74	252	873	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	43.30	276	753	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0102\LB.D Vial: 3
Acq On : 1 Apr 2002 1:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 14:00 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 04 09:06:35 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\LB.D Vial: 3
Acq On : 1 Apr 2002 1:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

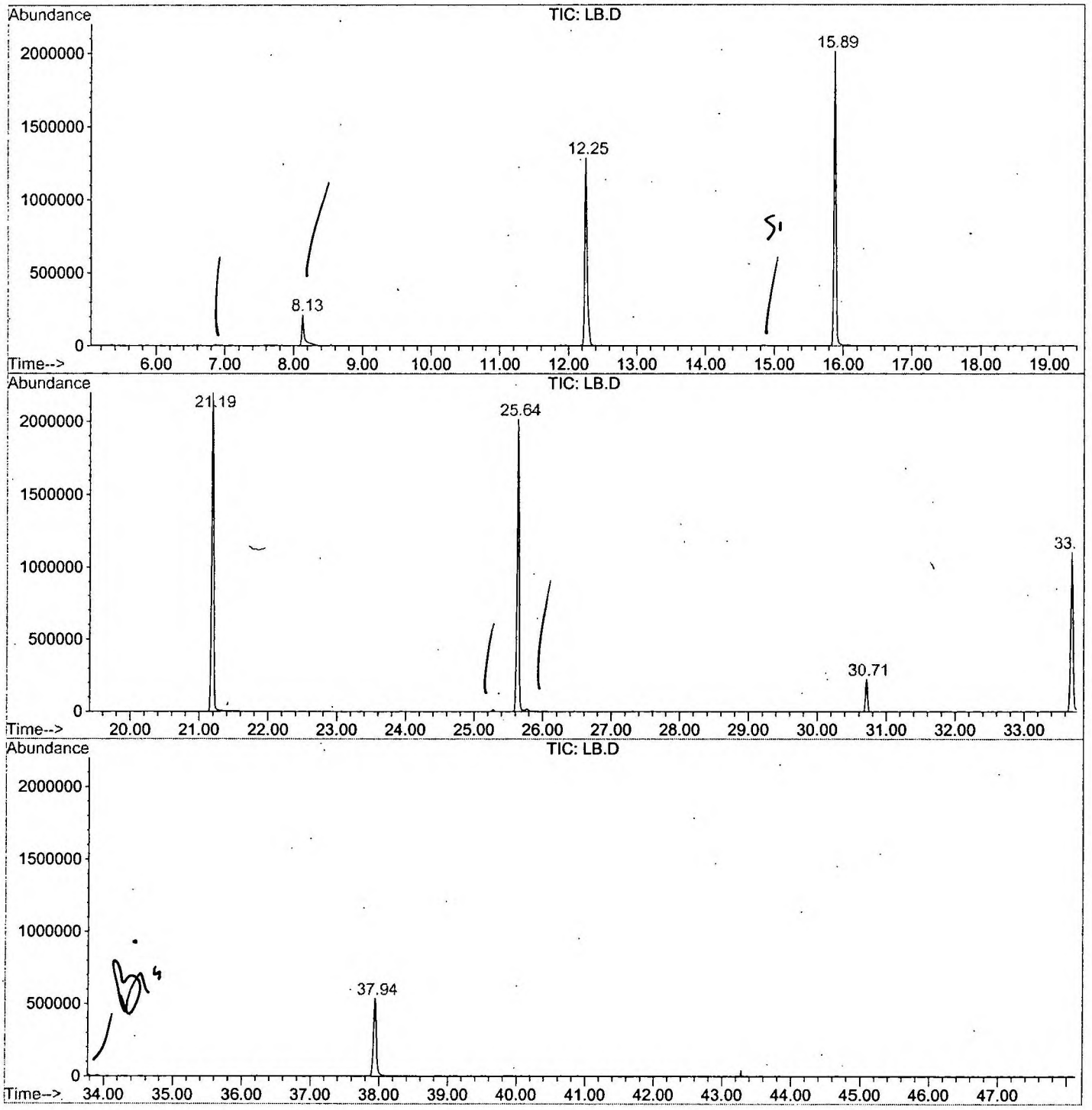
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.128	332	336	366	rVB	212452	598229	12.91%	2.795%
2	12.250	779	785	800	rVB	1284663	3151211	68.03%	14.721%
3	15.886	1175	1181	1193	rBV	2010210	4095566	88.41%	19.132%
4	21.192	1752	1759	1776	rBV	2199691	4632275	100.00%	21.639%
5	25.635	2236	2243	2254	rBV2	2013922	4300893	92.85%	20.091%
6	30.712	2791	2796	2803	rVB	224272	439801	9.49%	2.055%
7	33.695	3111	3121	3140	rBV2	1104326	2554546	55.15%	11.933%
8	37.937	3575	3583	3603	rBV2	533480	1634105	35.28%	7.634%

Sum of corrected areas: 21406626

LB.D GCMS0403.M Thu Apr 04 14:00:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\LB.D
Operator :
Acquired : 1 Apr 2002 1:11 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/11
Misc Info :
Vial Number: 3
Quant File :GCMS0308.RES (RTE Integrator)



LB.D GCMS0403.M Thu Apr 04 14:00:34 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\LB.D
Acq On : 1 Apr 2002 1:11 pm
Sample : gc/ms scan 3/11
Misc :
MS Integration Params: LSCINT.P

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

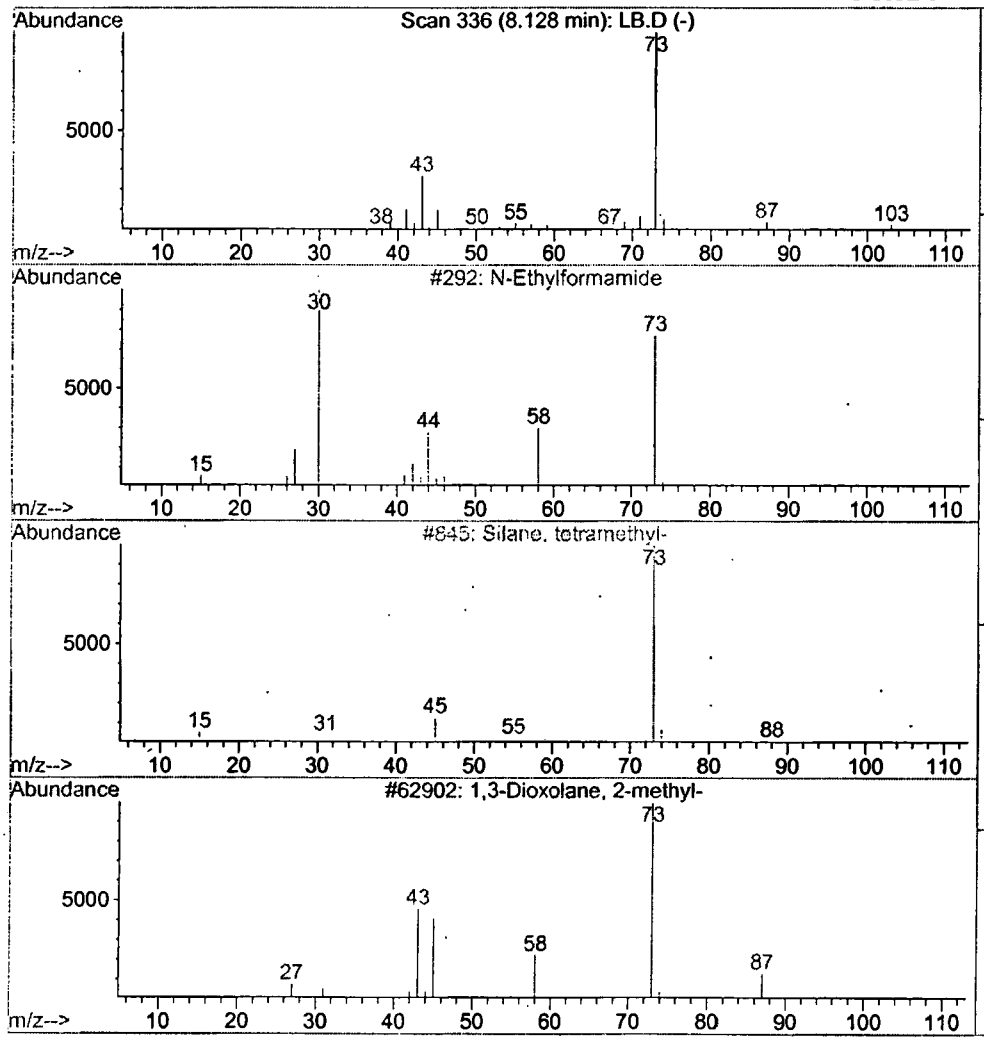
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

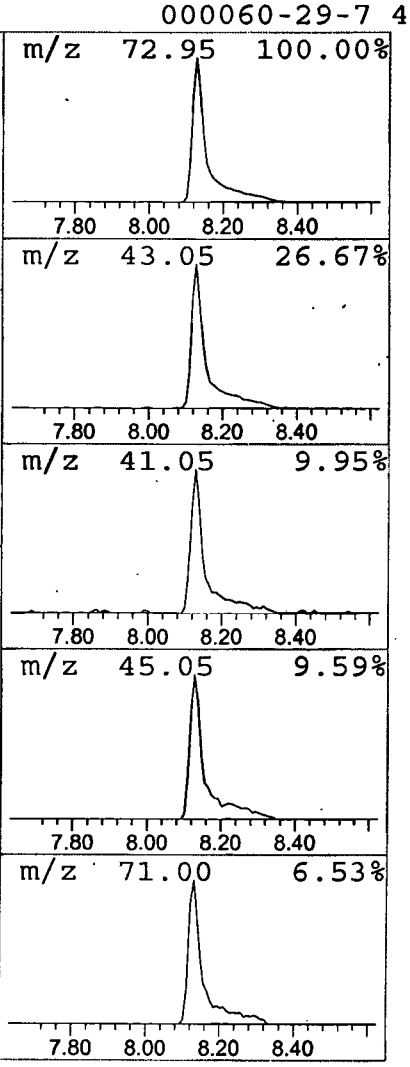
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.80 ug/l	598229	1,4-Dichlorobenzene-d4	12.25

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-methyl-	88	C4H8O2	000497-26-7	5
4	Ether	74	C4H10O	000060-29-7	4





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Apr 2002 1:11 pm
Data File: C:\HPCHEM\1\DATA\APR0102\LB.D
Name: gc/ms scan 3/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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~~	8.13	3.8	ug/l	598229	ISTD01	12.25	3151210	20.0

LB.D GCMS0403.M Thu Apr 04 14:00:42 2002