User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 12:06:21

Sample: AE01336
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 12:05 Ended: 2/27/02 12:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AE01336 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 12:06:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1902\1336.D Vial: 10
Acq On : 19 Feb 2002 7:09 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:38 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 13 11:43:23 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	285578	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	1084198	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.28	164	549733	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	770503	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	489260	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	322213	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	39742	5.14	ug/mL	0.31
Spiked Amount 5.000			Recovery = 102.80%			
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	16.03	128	740	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.		
) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
) Acenaphthylene	0.00	152	0	N.D.		
) Acenaphthene	0.00	153	0	N.D.		
2,4-Dinitrotoluene	0.00	165	0	N.D.		
Diethylphthalate	0.00	149	0	N.D.		
4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
Fluorene	0.00	166	0	N.D.		
Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

: qualifier out of range (m) = manual integration
D GCMS0208.M Thu Feb 21 14:39:04 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1902\1336.D Vial: 10
Acq On : 19 Feb 2002 7:09 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:38 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 13 11:43:23 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	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.74	178	210	N.D.	
34)	Anthracene	25.74	178	210	N.D.	
35)	Di-n-butylphthalate	27.70	149	5210	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.80	228	1146	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	556	N.D.	
43)	Chrysene	33.80	228	1146	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.08	252	1182	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.	

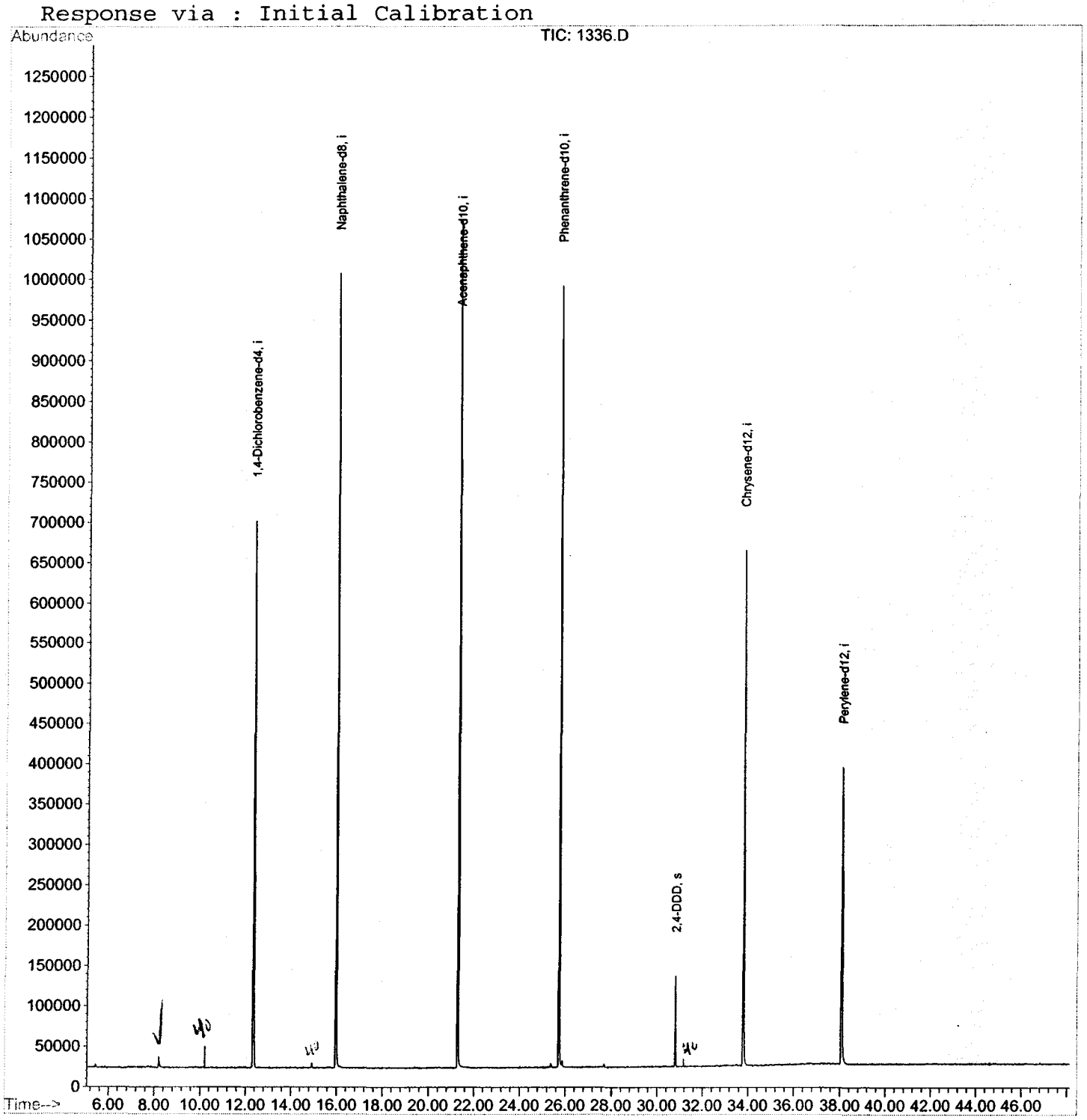
(#) = qualifier out of range (m) = manual integration
1336.D GCMS0208.M Thu Feb 21 14:39:07 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1902\1336.D
Acq On : 19 Feb 2002 7:09 pm
Sample : gc/ms scan 1/18
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 21 14:38 2002

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB1902\1336.D Vial: 10
Acq On : 19 Feb 2002 7:09 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 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

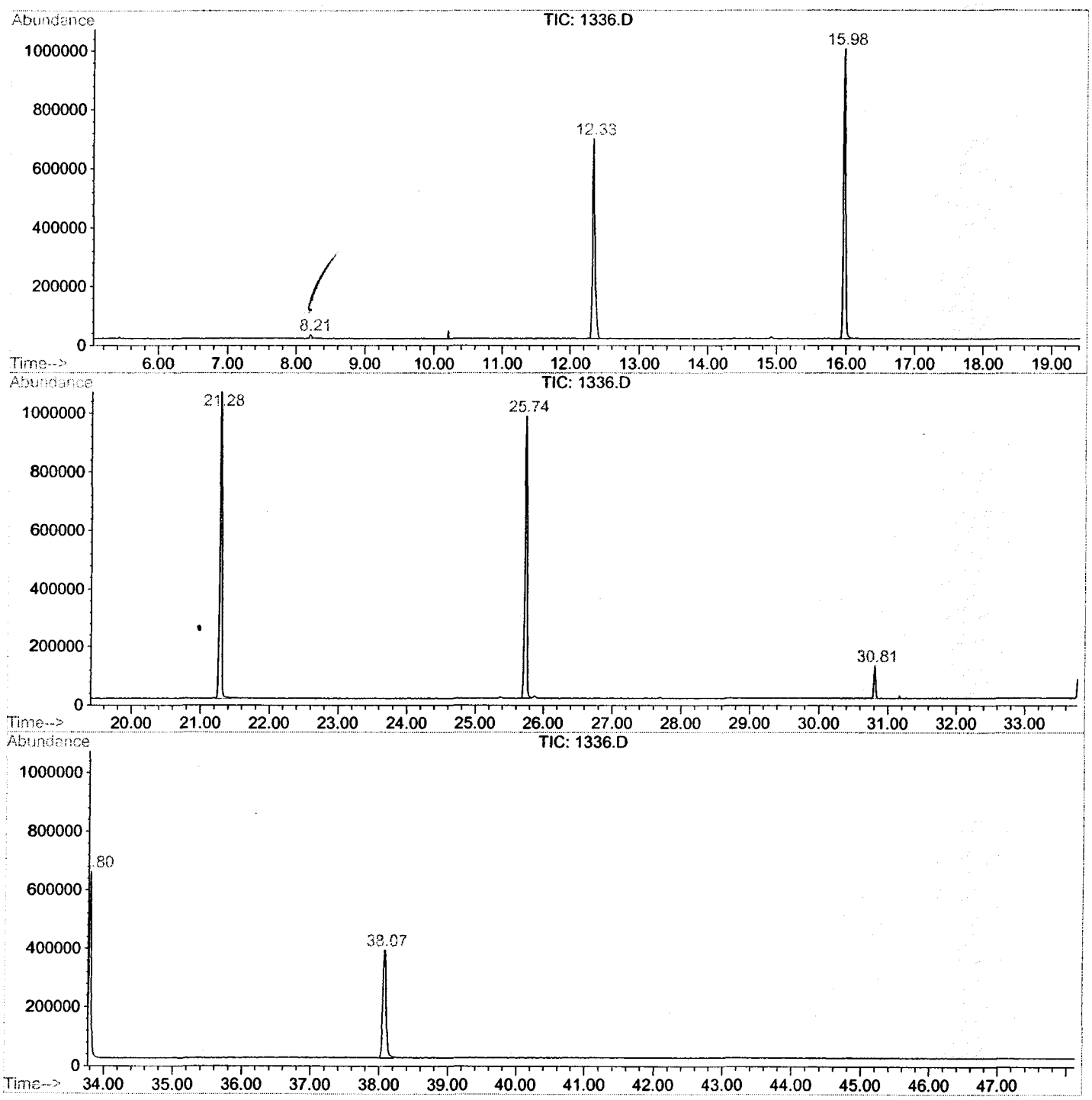
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.210	341	345	350	rBV	12705	27229	1.24%	0.252%
2	12.332	789	794	809	rVB	678304	1584655	71.98%	14.647%
3	15.977	1185	1191	1202	rBV	983773	2078224	94.40%	19.208%
4	21.283	1763	1769	1786	rBV	1050910	2201564	100.00%	20.348%
5	25.735	2247	2254	2265	rBV2	967168	2061129	93.62%	19.050%
6	30.812	2802	2807	2813	rVB	112379	203987	9.27%	1.885%
7	33.796	3125	3132	3147	rBV2	639508	1500496	68.16%	13.869%
8	38.074	3589	3598	3614	rBV2	368023	1162036	52.78%	10.740%

Sum of corrected areas: 10819320

1336.D GCMS0208.M Thu Feb 21 15:28:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1902\1336.D
Operator : 209 GALOS
Acquired : 19 Feb 2002 7:09 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/18
Misc Info :
Vial Number: 10
Quant File :GCMS0208.RES (RTE Integrator)



1336.D GCMS0208.M Thu Feb 21 15:28:12 2002

Data File : C:\HPCHEM\1\DATA\FEB1902\1336.D Vial: 10
Acq On : 19 Feb 2002 7:09 pm Operator: 209 GALOS
Sample : gc/ms scan 1/18 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

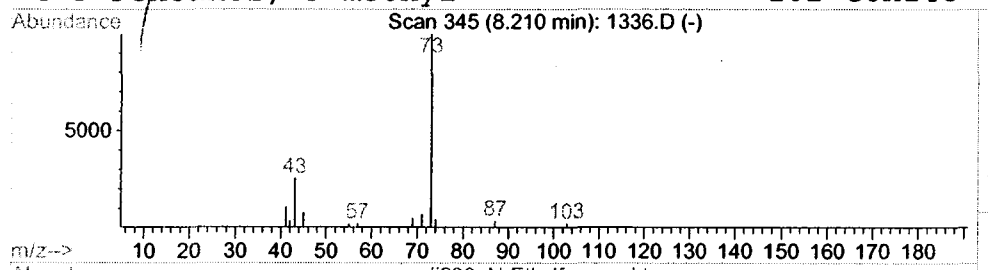
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

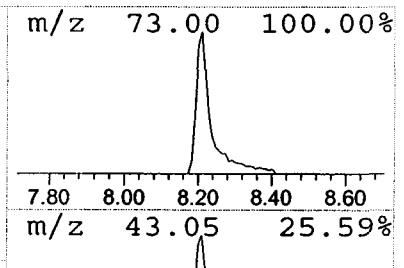
****

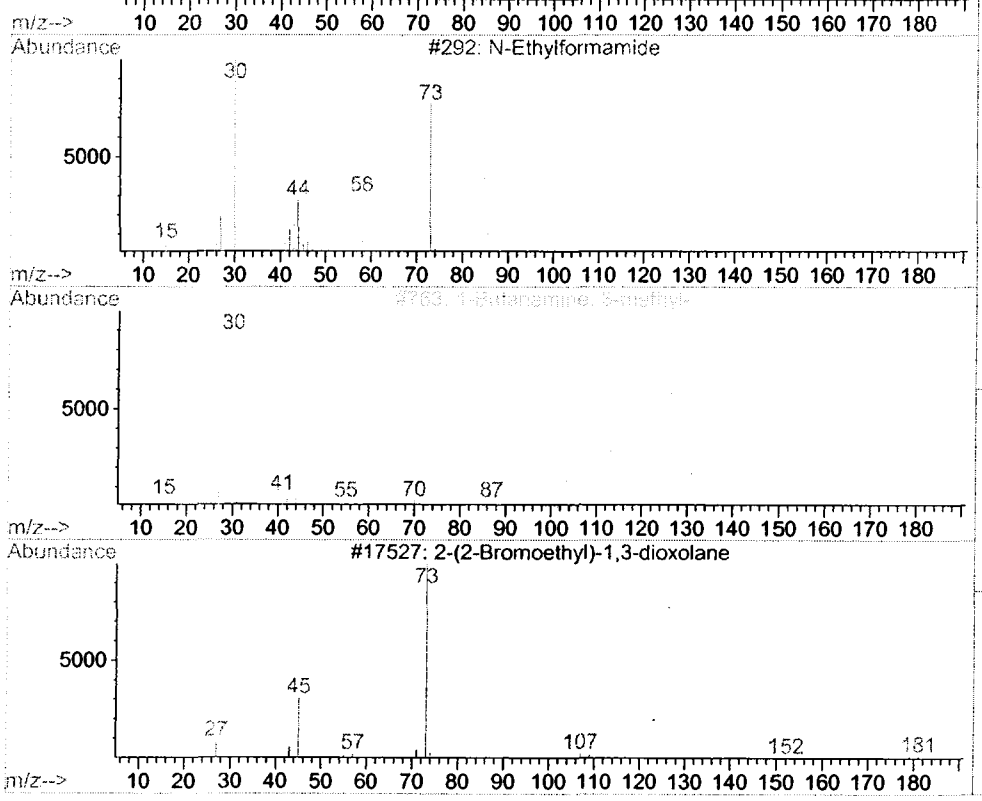
Peak Number 1 N-Ethylformamide Concentration Rank 1

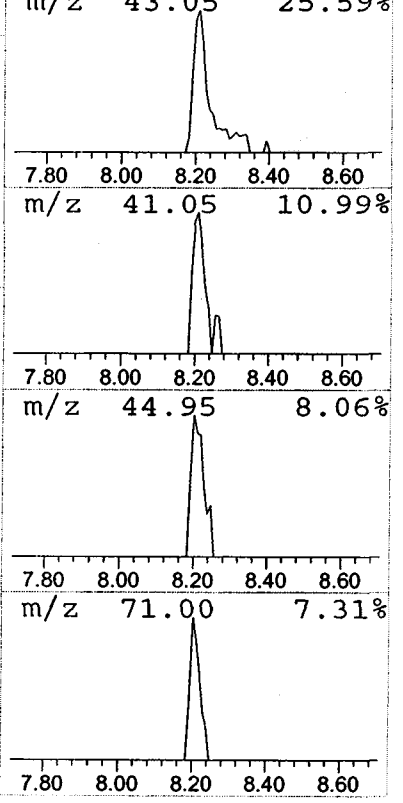
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.34 ug/l	27229	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	5
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
3	2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	4
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	4









Tentatively Identified Compound (TIC) Summary

Operator ID: 209 GALOS Date Acquired: 19 Feb 2002 7:09 pm
Data File: C:\HPCHEM\1\DATA\FEB1902\1336.D
Name: gc/ms scan 1/18
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
~~N-Ethylformamide~~	8.21	0.3	ug/l	27229	ISTD01	12.33	1584660	20.0

1336.D GCMS0208.M Thu Feb 21 15:28:21 2002