User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 09:08:03

Sample: AE04451
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 09:07 Ended: 4/4/02 09:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

Comments for Sample AE04451 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 09:08:07

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\MAR2102\4451.D Vial: 14
Acq On : 22 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:33 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 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	648740	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	2534796	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	1347985	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.66	188	2036705	20.00	ug/l	-0.10
38) Chrysene-d12	33.72	240	1280861	20.00	ug/l	-0.12
44) Perylene-d12	37.98	264	794187	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	83672	5.65	ug/mL	0.23
Spiked Amount 5.000			Recovery = 113.00%			
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	13.49	77	260	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	0.00	128	0	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	21.52	165	295	N.D.		
25) Diethylphthalate	22.69	149	107	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\MAR2102\4451.D Vial: 14
Acq On : 22 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:33 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 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

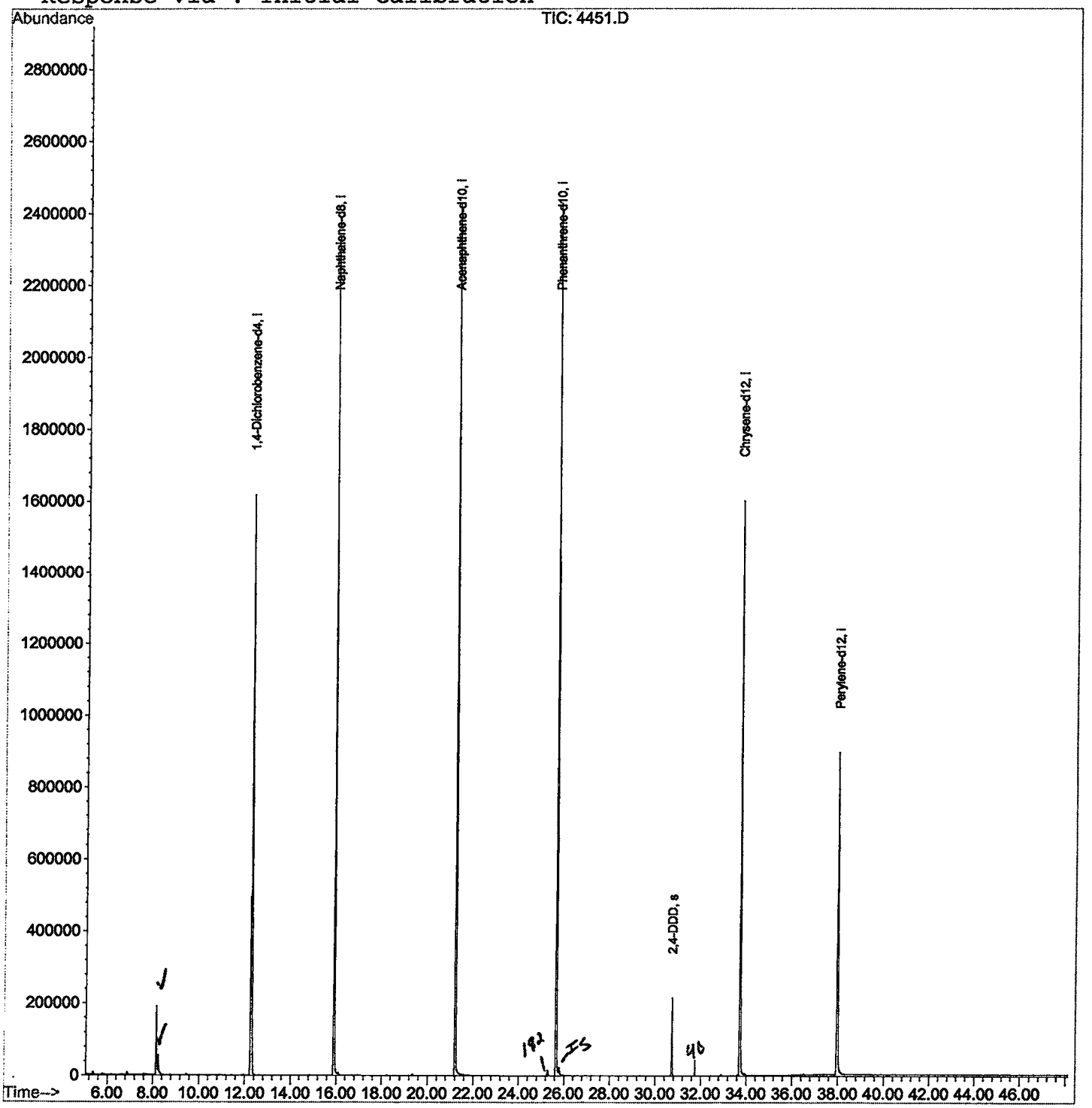
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.67	178	586	N.D.	
34)	Anthracene	25.67	178	586	N.D.	
35)	Di-n-butylphthalate	27.63	149	1216	N.D.	
36)	Fluoranthene	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	33.73	228	2949	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	2884	N.D.	
43)	Chrysene	33.73	228	2949	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	37.98	252	3104	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\MAR2102\4451.D Vial: 14
Acq On : 22 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:33 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4451.D Vial: 14
Acq On : 22 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

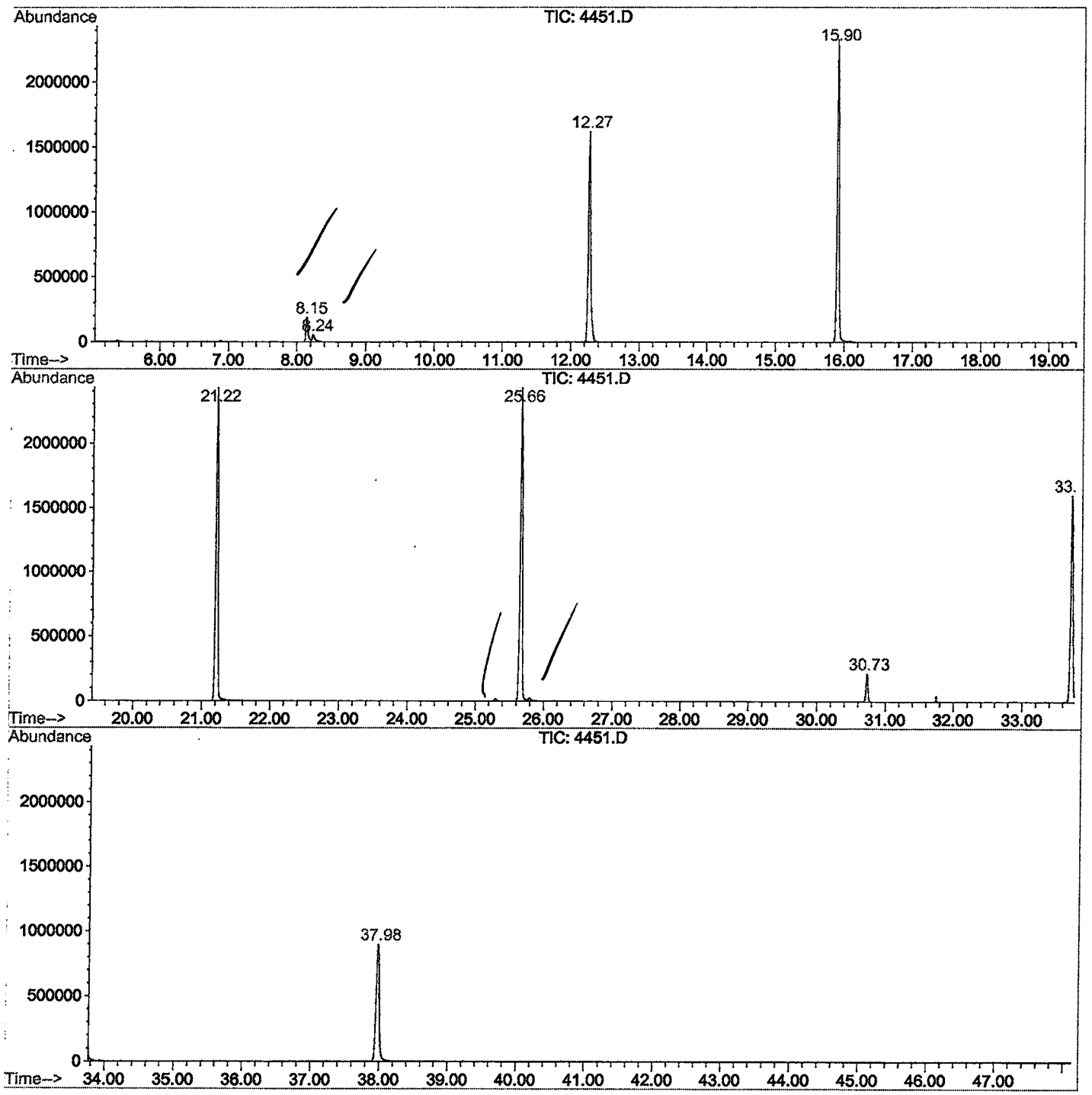
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.146	334	338	345	rBV	188923	402981	7.70%	1.536%
2	8.238	345	348	364	rVB	55431	145701	2.78%	0.555%
3	12.268	781	787	800	rBV	1617083	3568349	68.15%	13.599%
4	15.904	1177	1183	1201	rBV	2326871	4789016	91.47%	18.251%
5	21.219	1755	1762	1781	rBV	2427617	5235728	100.00%	19.953%
6	25.662	2239	2246	2257	rBV2	2430636	5154903	98.46%	19.645%
7	30.730	2793	2798	2806	rBV	215628	423734	8.09%	1.615%
8	33.723	3117	3124	3144	rBV2	1600546	3766775	71.94%	14.355%
9	37.982	3579	3588	3605	rBV2	894818	2752980	52.58%	10.491%

Sum of corrected areas: 26240167

4451.D GCMS0308.M Fri Mar 22 09:44:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\4451.D
Operator :
Acquired : 22 Mar 2002 12:06 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/1
Misc Info :
Vial Number: 14
Quant File :GCMS0308.RES (RTE Integrator)



4451.D GCMS0308.M Fri Mar 22 09:44:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4451.D Vial: 14
Acq On : 22 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

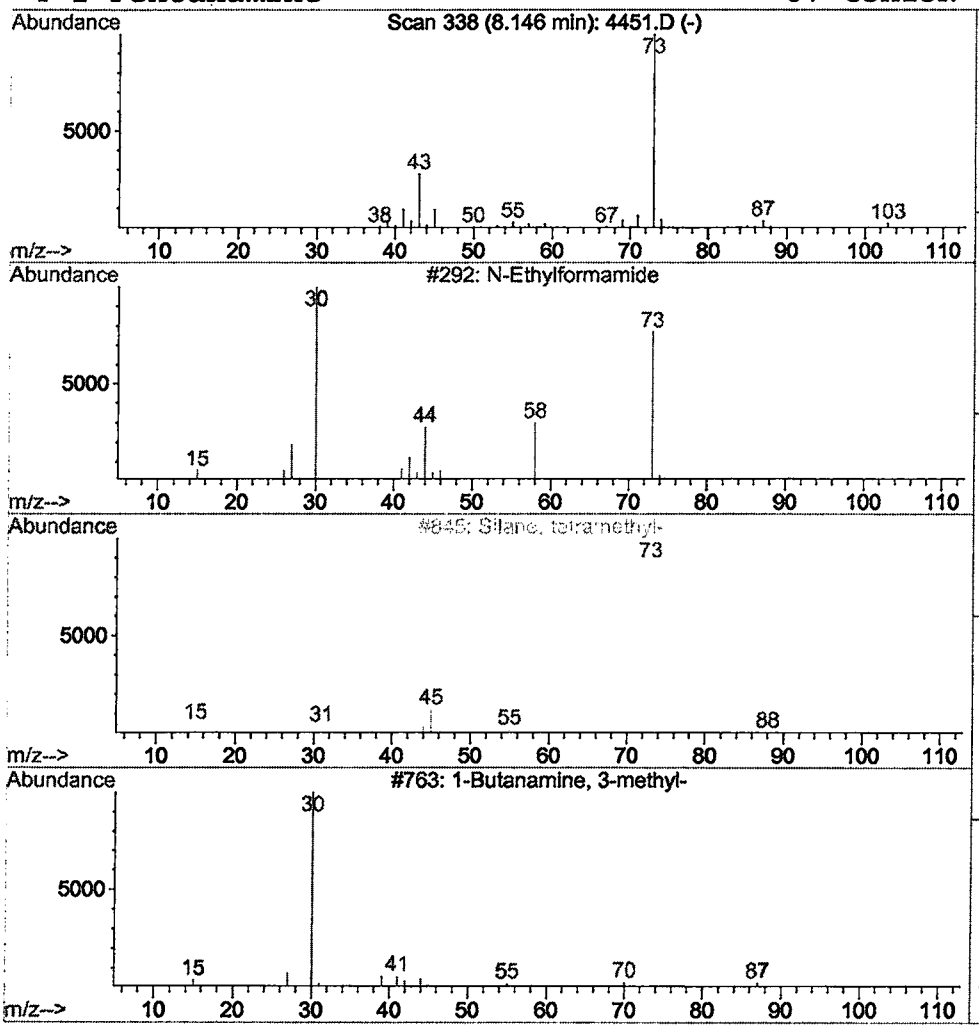
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

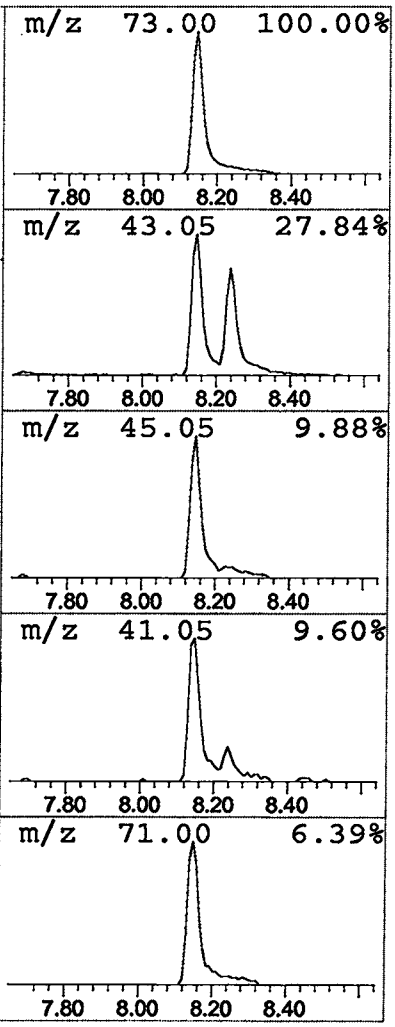
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	2.26 ug/l	402981	1,4-Dichlorobenzene-d4	12.27

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-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	1-Pentanamine	87	C5H13N	000110-58-7	4





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4451.D Vial: 14
Acq On : 22 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

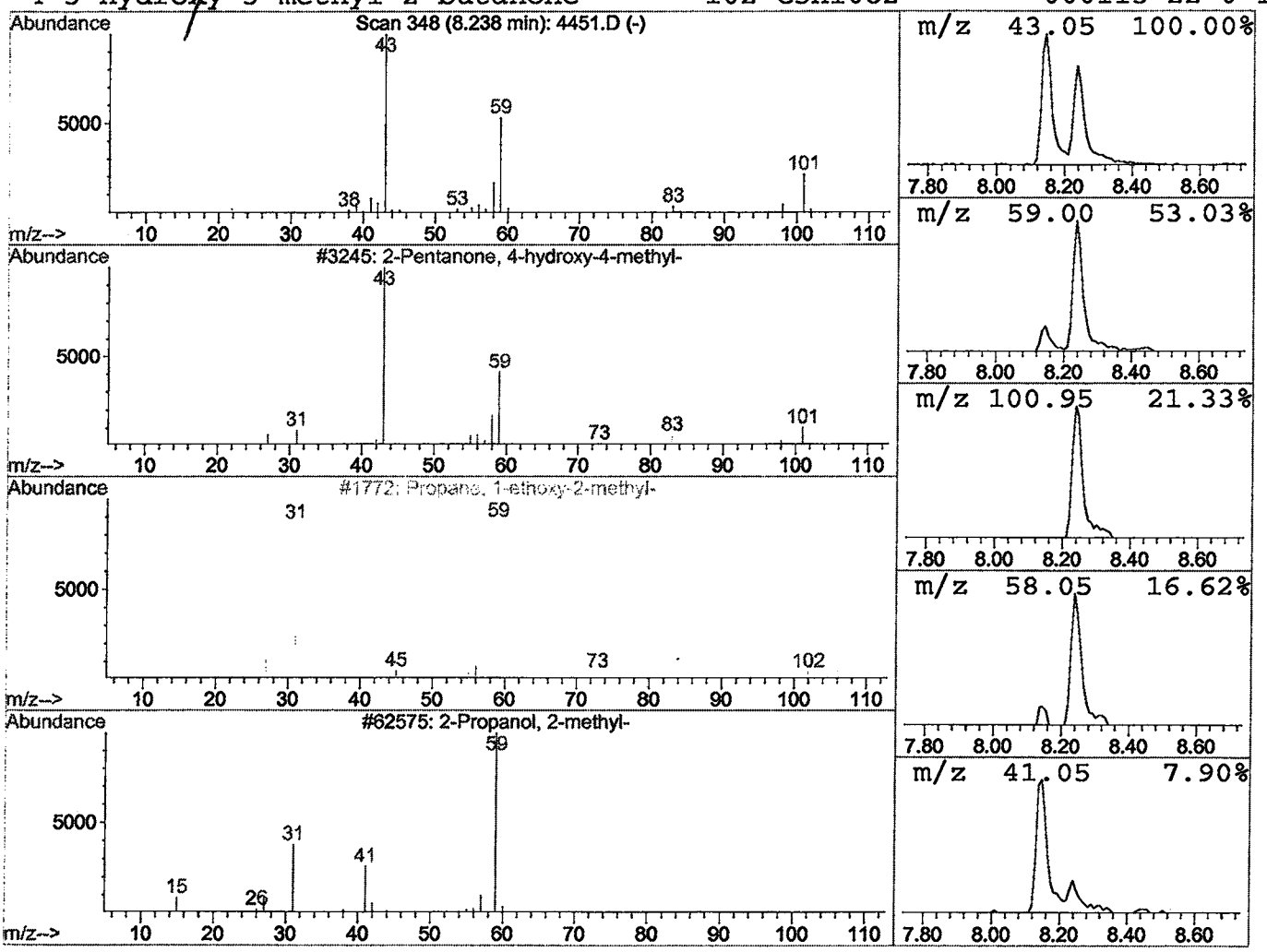
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.82 ug/l	145701	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 12:06 am
Data File: C:\HPCHEM\1\DATA\MAR2102\4451.D
Name: gc/ms scan 3/1
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	8.15	2.3	ug/l	402981	ISTD01	12.27	3568350	20.0
2-Pentanone, 4-hydro	8.24	0.8	ug/l	145701	ISTD01	12.27	3568350	20.0

4451.D GCMS0308.M Fri Mar 22 09:45:05 2002