User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 09:06:42

Sample: AE04450
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 09:06 Ended: 4/4/02 09:06 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 AE04450 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 09:06:46

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\4450.D Vial: 13
Acq On : 21 Mar 2002 11:07 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:28 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	12.26	152	591699	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2296340	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	1236831	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1850896	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	1144035	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	637419	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	75923	5.64	ug/mL	0.24
Spiked Amount 5.000			Recovery = 112.80%			
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	12.30	146	441	N.D.		
5) 1,4-Dichlorobenzene	12.30	146	441	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	15.96	128	355	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	21.53	165	311	N.D.		
25) Diethylphthalate	22.69	149	339	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

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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	25.66	178	637	N.D.	
34)	Anthracene	25.66	178	637	N.D.	
35)	Di-n-butylphthalate	27.62	149	1412	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	33.72	228	2795	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	1870	N.D.	
43)	Chrysene	33.72	228	2795	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	37.78	252	180	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

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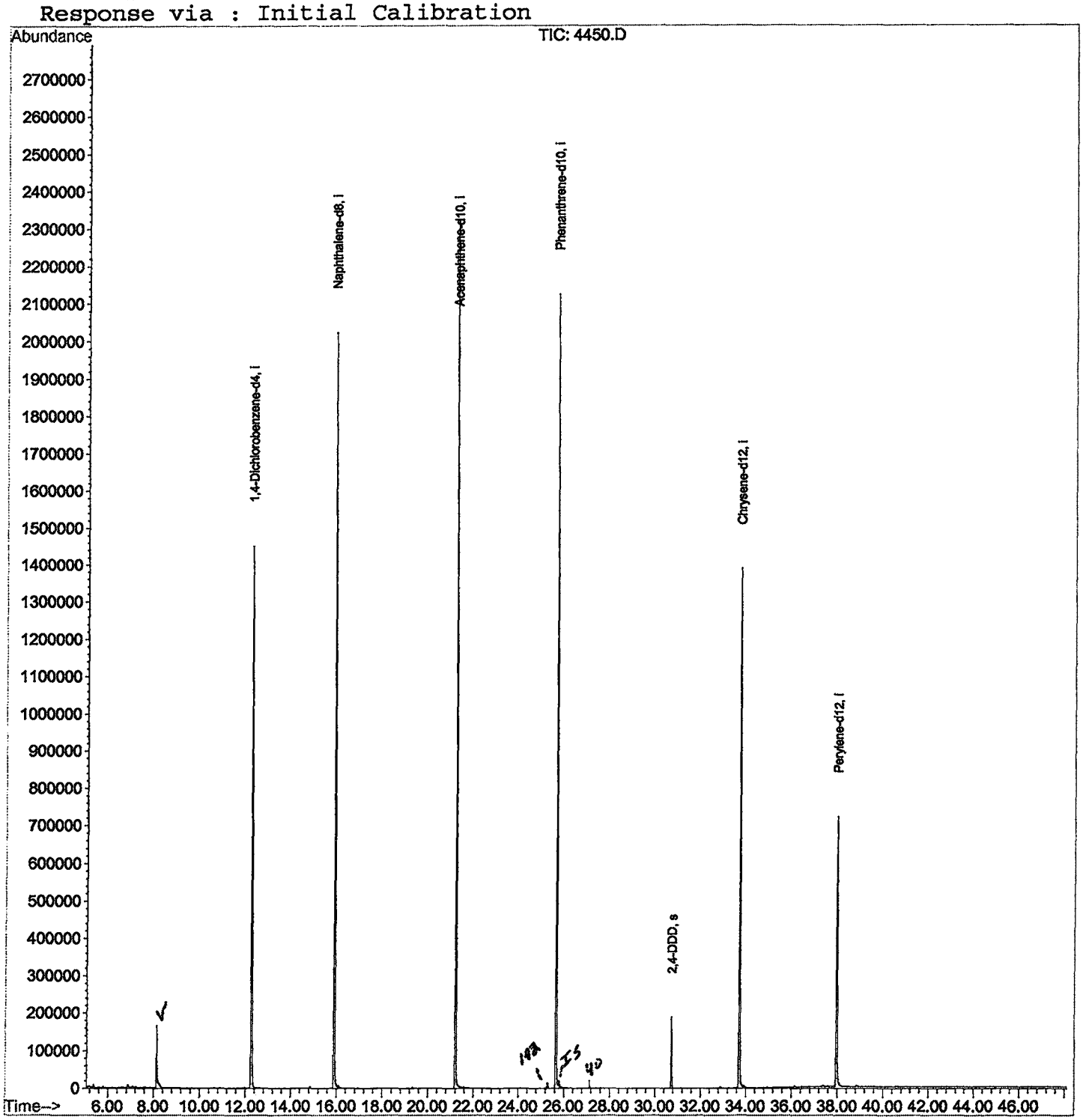
Acq On : 21 Mar 2002 11:07 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:28 2002 Quant Results File: GCMS0308.RES

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\4450.D Vial: 13
Acq On : 21 Mar 2002 11:07 pm 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

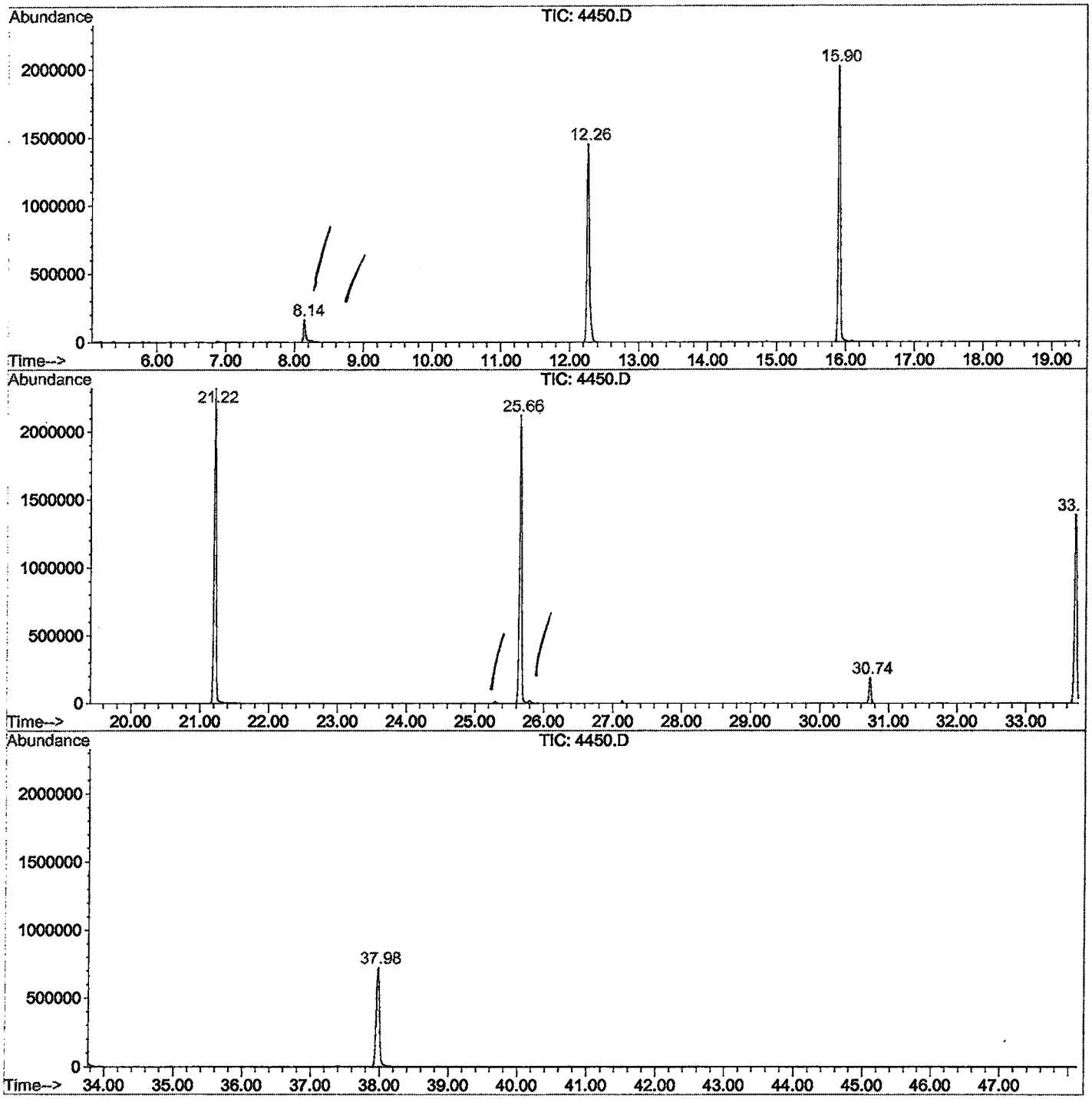
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.143	333	337	347	rBV	164462	362197	7.63%	1.552%
2	12.265	780	786	808	rVB	1452497	3258408	68.64%	13.965%
3	15.900	1176	1182	1199	rBV	2024214	4342592	91.48%	18.611%
4	21.216	1754	1761	1779	rBV	2325809	4747227	100.00%	20.346%
5	25.659	2238	2245	2256	rBV2	2126063	4687253	98.74%	20.088%
6	30.735	2792	2798	2803	rBV	188720	378522	7.97%	1.622%
7	33.719	3116	3123	3141	rBV2	1390952	3350451	70.58%	14.359%
8	37.979	3578	3587	3605	rBV2	719138	2206399	46.48%	9.456%

Sum of corrected areas: 23333049

4450.D GCMS0308.M Fri Mar 22 09:44:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\4450.D
Operator :
Acquired : 21 Mar 2002 11:07 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/1
Misc Info :
Vial Number: 13
Quant File :GCMS0308.RES (RTE Integrator)



4450.D GCMS0308.M Fri Mar 22 09:44:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4450.D Vial: 13
Acq On : 21 Mar 2002 11:07 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

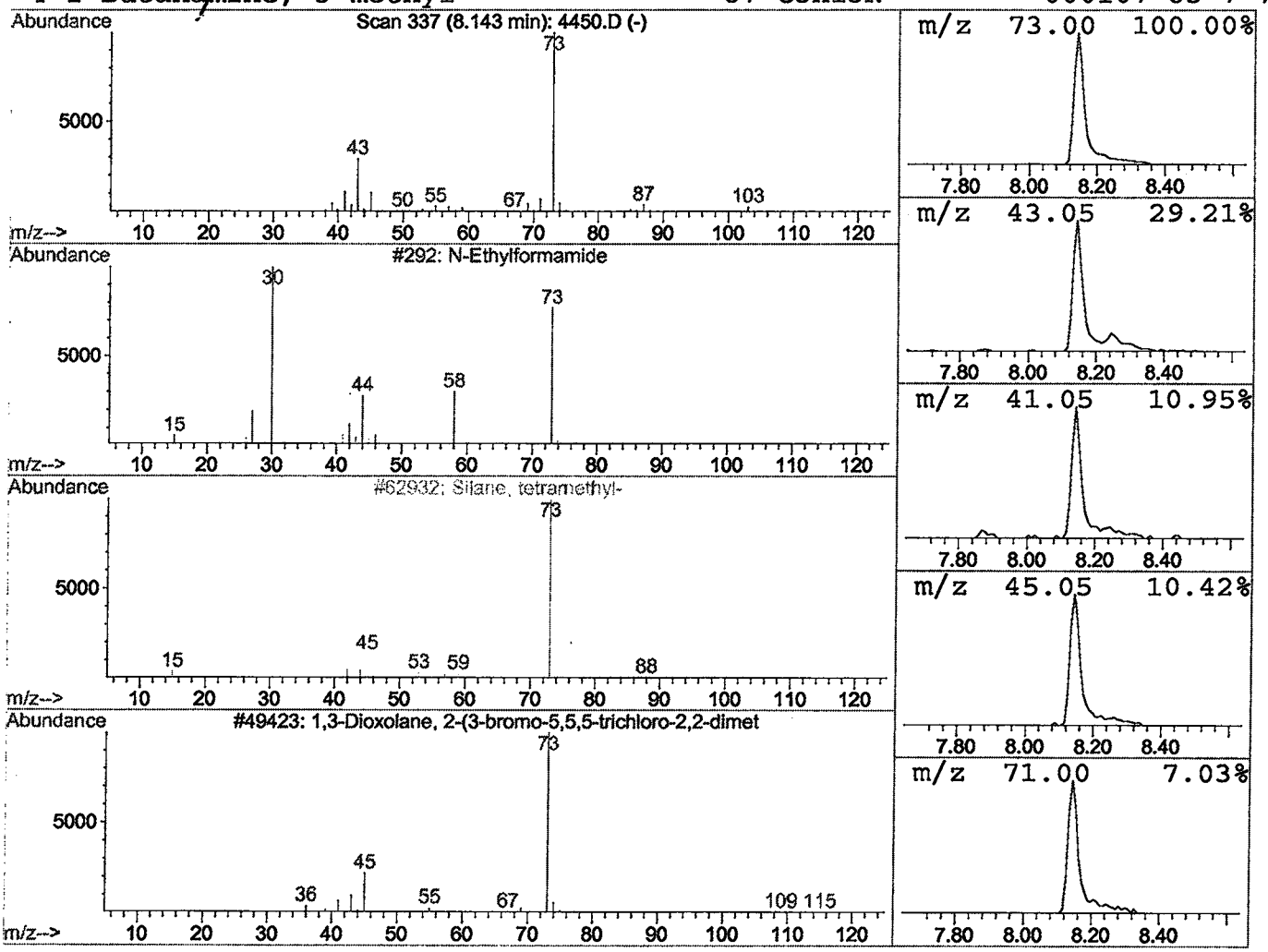
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.22 ug/l	362197	1,4-Dichlorobenzene-d4	12.26

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



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 11:07 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\4450.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	8.14	2.2	ug/l	362197	ISTD01	12.26	3258410	20.0

4450.D GCMS0308.M Fri Mar 22 09:44:16 2002