User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:57:08

Sample: AE04336
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:56 Ended: 3/25/02 14:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Comments for Sample AE04336 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:57:54

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 8 of the compounds in the LCS Standard are high while 1 was low. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR1902\4336.D Vial: 29
Acq On : 21 Mar 2002 8:38 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:10 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	584936	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	2301198	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	1270533	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1901388	20.00	ug/l	-0.10
38) Chrysene-d12	33.72	240	1106050	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	623860	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	98975	7.16	ug/mL	0.23
Spiked Amount 5.000			Recovery = 143.20%			
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	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	21.67	165	186	N.D.		
25) Diethylphthalate	22.69	149	340	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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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	25.65	178	590	N.D.	
34)	Anthracene	25.65	178	590	N.D.	
35)	Di-n-butylphthalate	27.63	149	3073	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	2153	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	904	N.D.	
43)	Chrysene	33.72	228	2154	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	37.97	252	2592	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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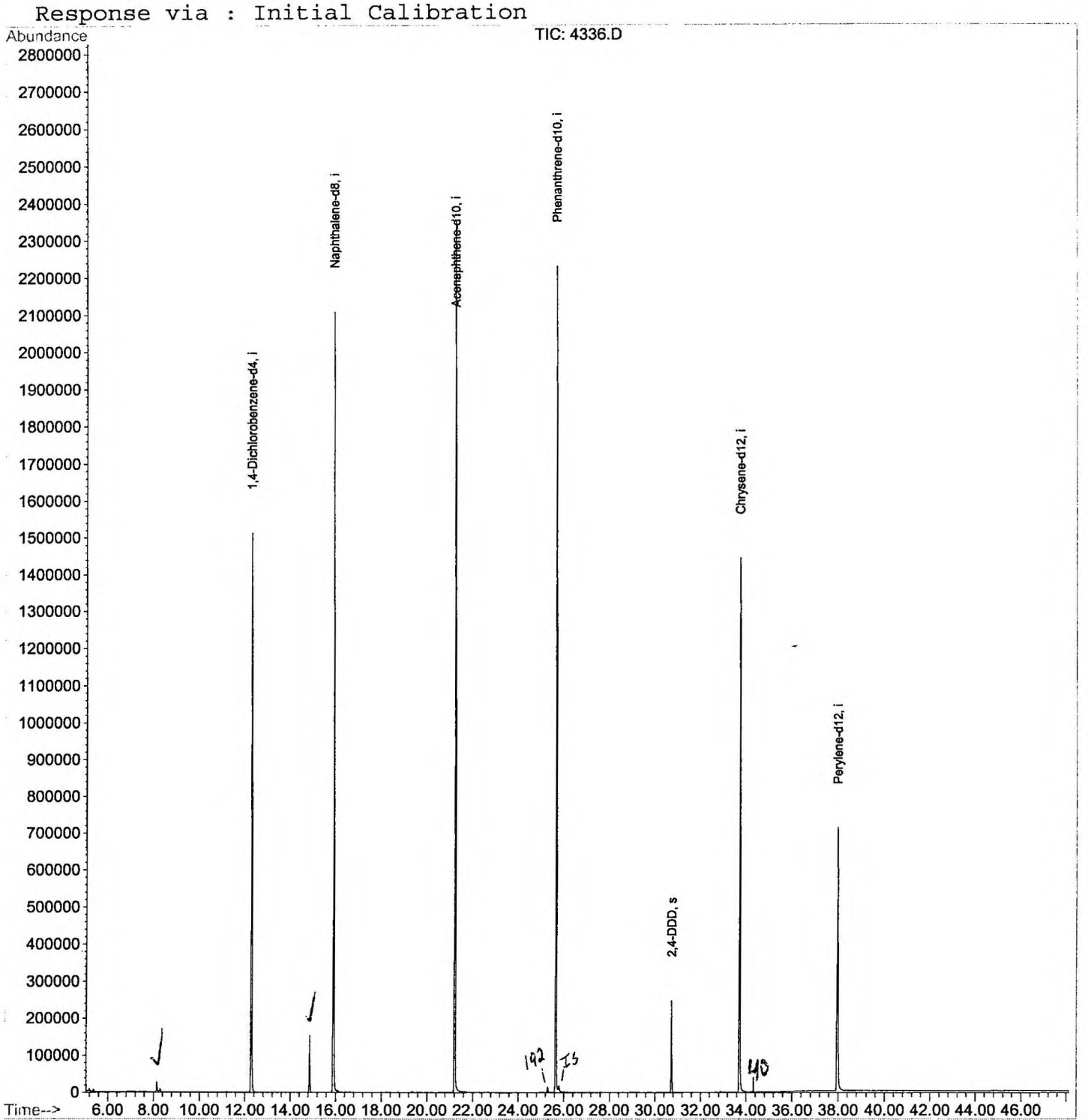
Acq On : 21 Mar 2002 8:38 am
Sample : gc/ms scan 3/4
Misc :
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:10 2002

Vial: 29
Operator:
Inst : GC/MS 209
Multiplr: 1.00
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\MAR1902\4336.D Vial: 29
Acq On : 21 Mar 2002 8:38 am Operator:
Sample : gc/ms scan 3/4 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

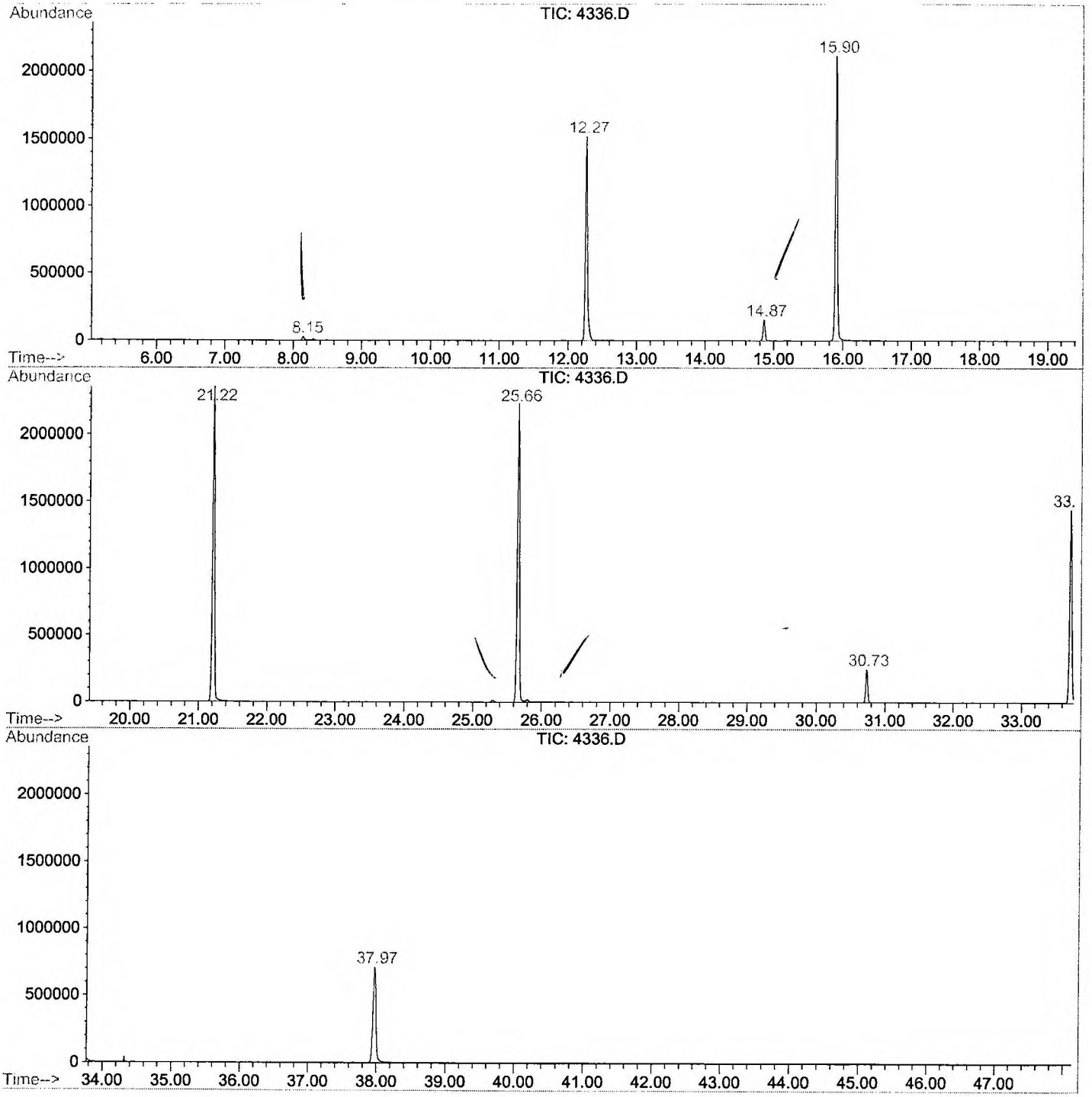
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.145	334	338	343	rBV	27366	55958	1.15%	0.237%
2	12.267	779	787	799	rBV	1512279	3251447	66.71%	13.792%
3	14.865	1063	1070	1076	rBV	152837	304954	6.26%	1.294%
4	15.903	1172	1183	1200	rBV	2107882	4360526	89.46%	18.497%
5	21.218	1754	1762	1777	rBV	2355322	4874003	100.00%	20.675%
6	25.661	2238	2246	2257	rBV2	2230847	4786583	98.21%	20.304%
7	30.729	2793	2798	2804	rBV	246862	492695	10.11%	2.090%
8	33.722	3116	3124	3143	rBV2	1442514	3265944	67.01%	13.854%
9	37.972	3579	3587	3612	rBV2	707604	2182622	44.78%	9.258%

Sum of corrected areas: 23574732

4336.D GCMS0308.M Thu Mar 21 14:29:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\4336.D
Operator :
Acquired : 21 Mar 2002 8:38 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 29
Quant File :GCMS0308.RES (RTE Integrator)



4336.D GCMS0308.M Thu Mar 21 14:29:34 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\4336.D Vial: 29
Acq On : 21 Mar 2002 8:38 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

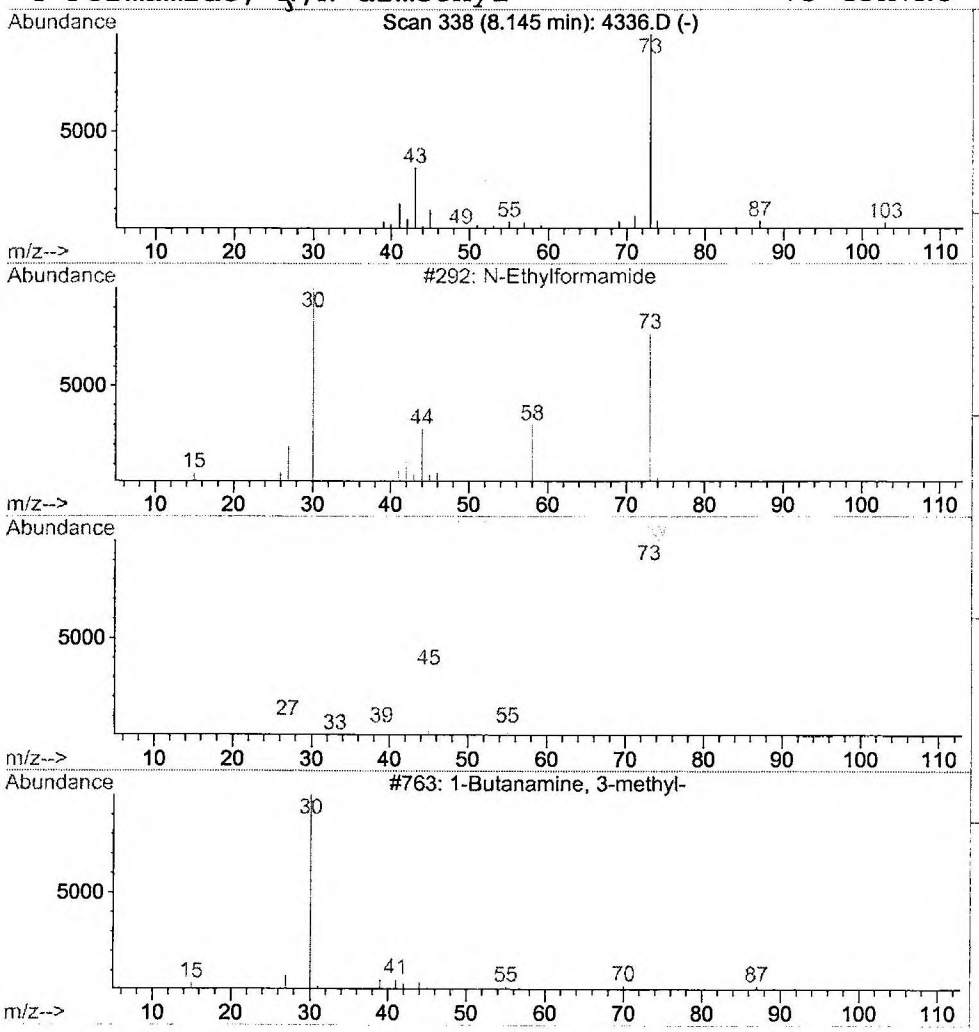
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

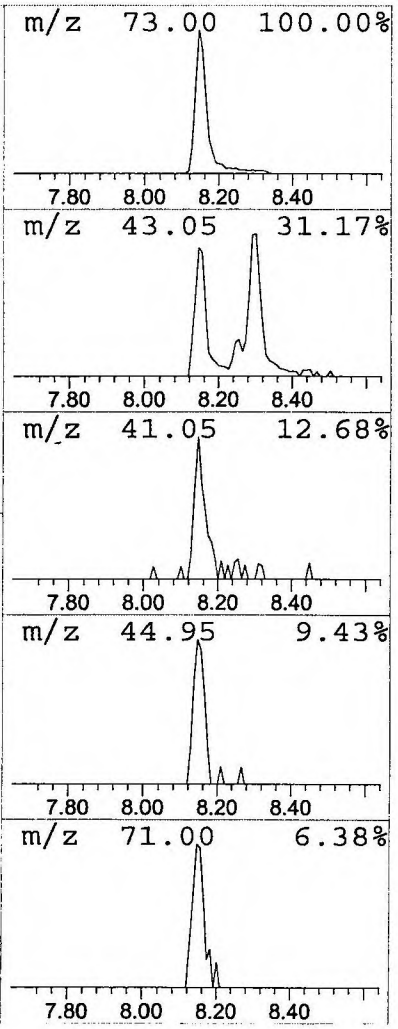
****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.34 ug/l	55958	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\4336.D Vial: 29
Acq On : 21 Mar 2002 8:38 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

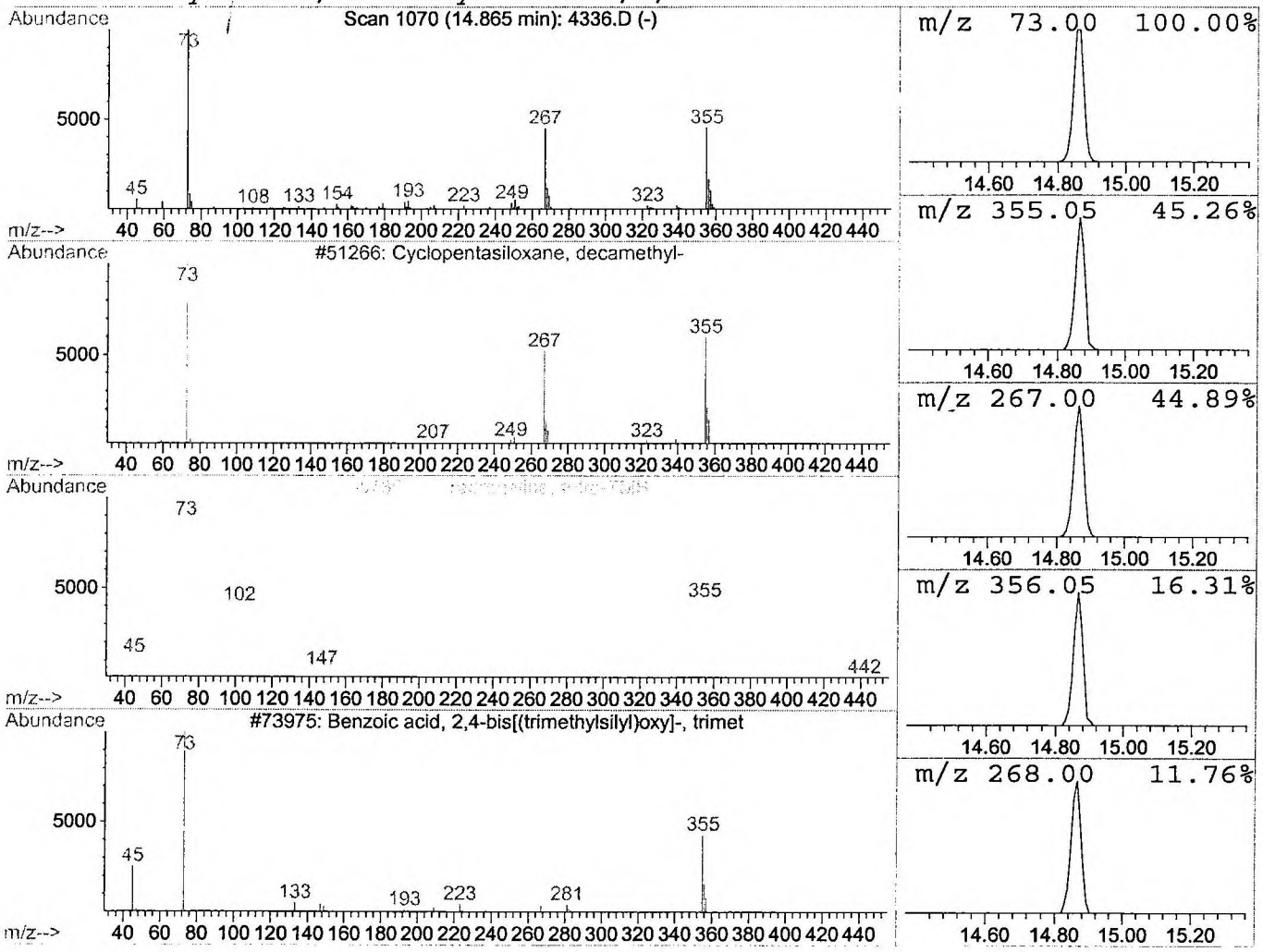
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	1.40 ug/l	304954	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	86
2	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 8:38 am
Data File: C:\HPCHEM\1\DATA\MAR1902\4336.D
Name: gc/ms scan 3/4
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	0.3	ug/l	55958	ISTD01	12.27	3251450	20.0
Cyclopentasiloxane,	14.87	1.4	ug/l	304954	ISTD02	15.90	4360530	20.0

4336.D GCMS0308.M Thu Mar 21 14:29:47 2002