User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 11:47:59

Sample: AE04039
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 11:45 Ended: 4/1/02 11:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AE04039 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 11:50:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for compounds in the LCS Standard were high. New recovery limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4039.D Vial: 20
Acq On : 23 Mar 2002 2:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:23 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	405803	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	1591440	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	872963	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1296355	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	808198	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	454868	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	78611	~~7.41~~ 4.26	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~148.20%~~ 85%		
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	0.00	165	0	N.D.		
25) Diethylphthalate	22.69	149	586	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)

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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

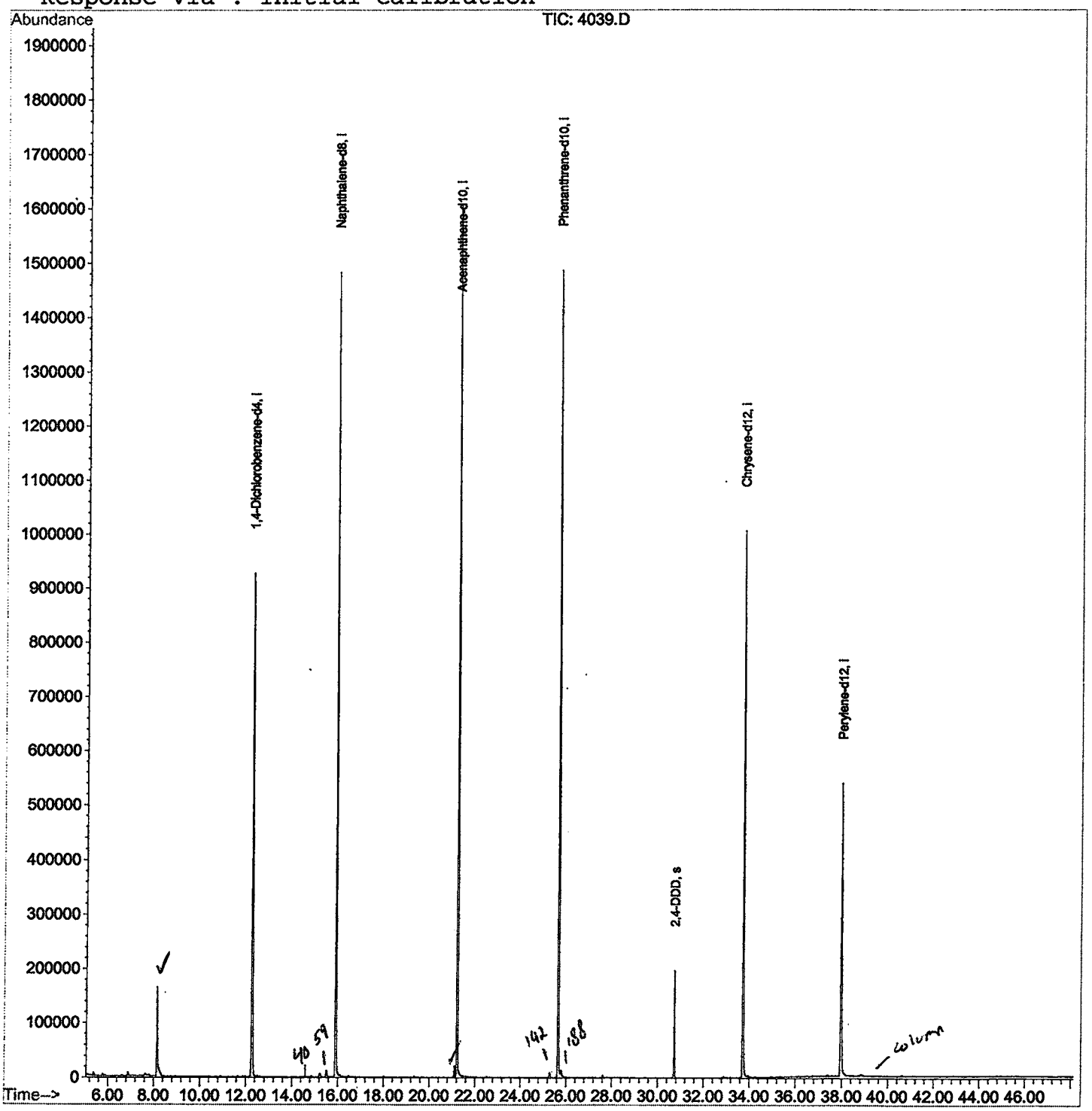
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.65	178	221	N.D.	
34)	Anthracene	25.65	178	221	N.D.	
35)	Di-n-butylphthalate	27.63	149	5985	N.D.	
36)	Fluoranthene	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	33.71	228	2062	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	1189	N.D.	
43)	Chrysene	33.81	228	458	N.D.	
45)	Di-n-Octylphthalate	35.66	149	209	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1070	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	1412	N.D.	
48)	Benzo(a)pyrene	37.76	252	779	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\MAR2202\4039.D Vial: 20
Acq On : 23 Mar 2002 2:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:23 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4039.D Vial: 20
Acq On : 23 Mar 2002 2:47 pm Operator:
Sample : gc/ms scan 2/25 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

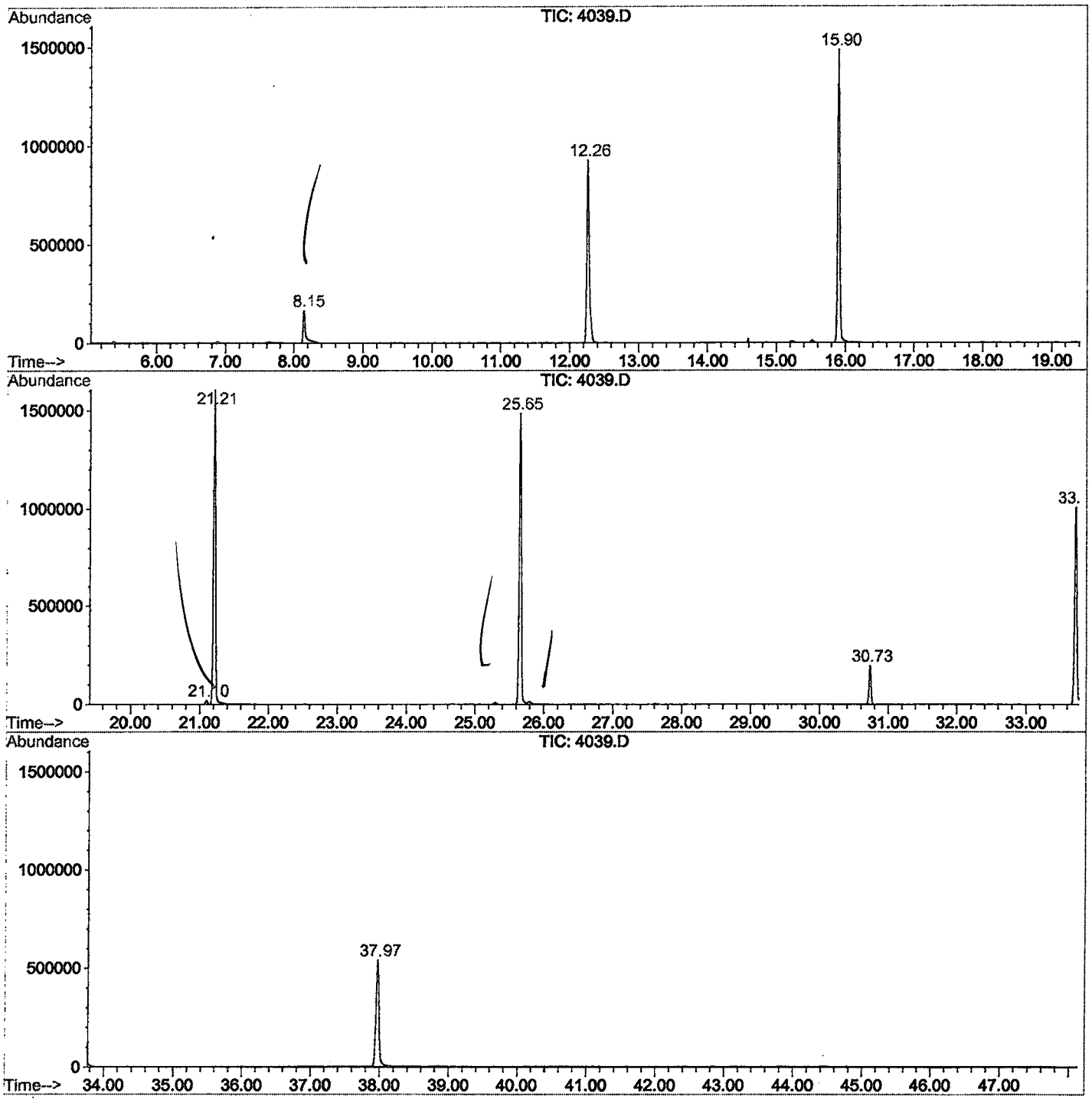
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.147	334	338	366	rVB	164014	439805	13.20%	2.638%
2	12.259	781	786	805	rVB	926713	2256553	67.72%	13.535%
3	15.904	1177	1183	1200	rBV	1482631	3011377	90.38%	18.063%
4	21.100	1745	1749	1755	rVB	20335	36690	1.10%	0.220%
5	21.210	1755	1761	1781	rBV	1607776	3332025	100.00%	19.986%
6	25.653	2238	2245	2256	rBV2	1486835	3284339	98.57%	19.700%
7	30.730	2793	2798	2804	rBV	197323	391254	11.74%	2.347%
8	33.723	3117	3124	3139	rBV2	1006779	2347484	70.45%	14.081%
9	37.973	3578	3587	3603	rBV2	537773	1572251	47.19%	9.431%

Sum of corrected areas: 16671778

4039.D GCMS0308.M Wed Mar 27 10:00:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4039.D
Operator :
Acquired : 23 Mar 2002 2:47 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 20
Quant File :GCMS0308.RES (RTE Integrator)



4039.D GCMS0308.M Wed Mar 27 10:00:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4039.D
Acq On : 23 Mar 2002 2:47 pm
Sample : gc/ms scan 2/25
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator:
Inst : GC/MS 209
Multiplr: 1.00

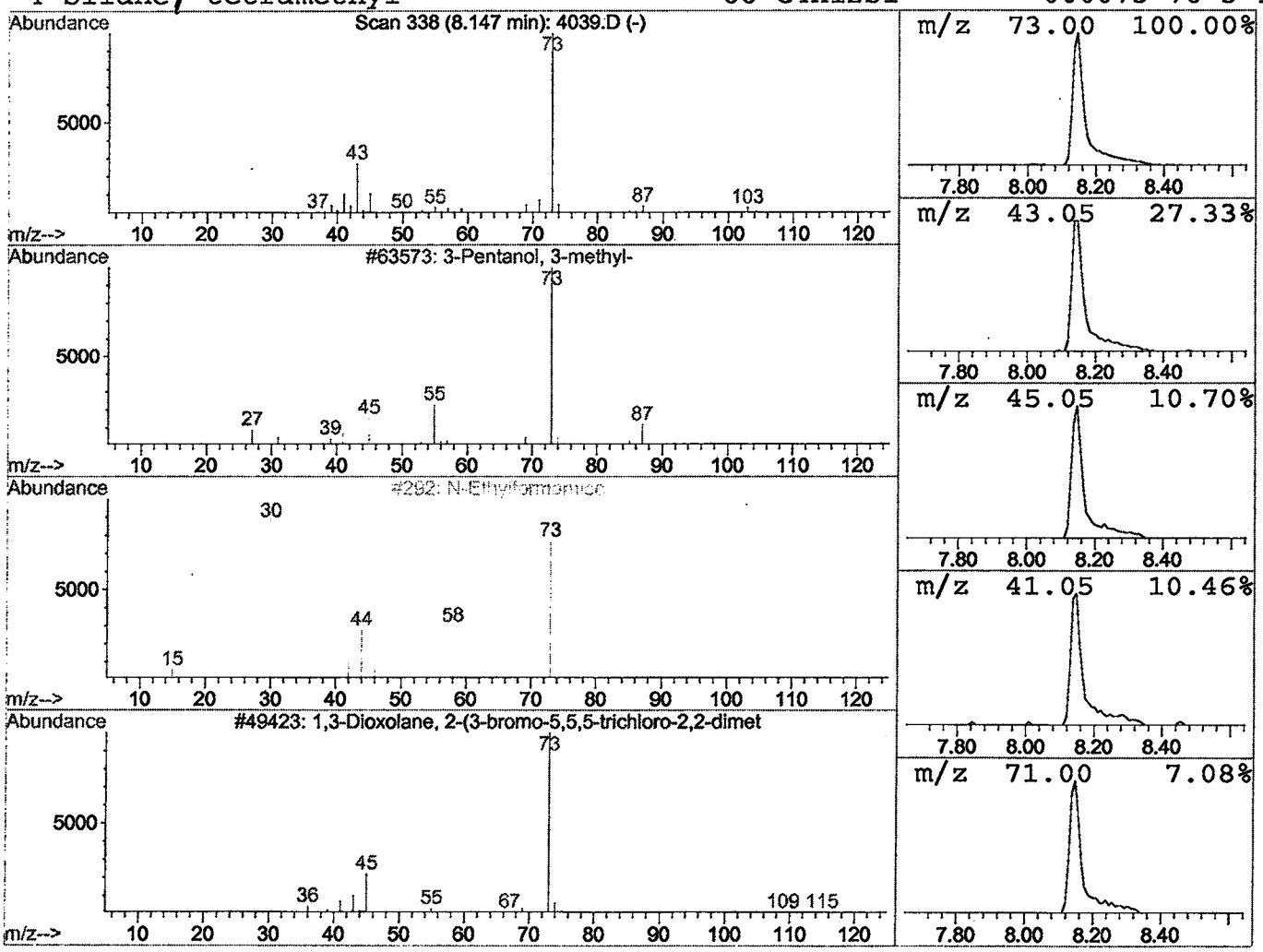
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	3.90 ug/l	439805	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4039.D Vial: 20
Acq On : 23 Mar 2002 2:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

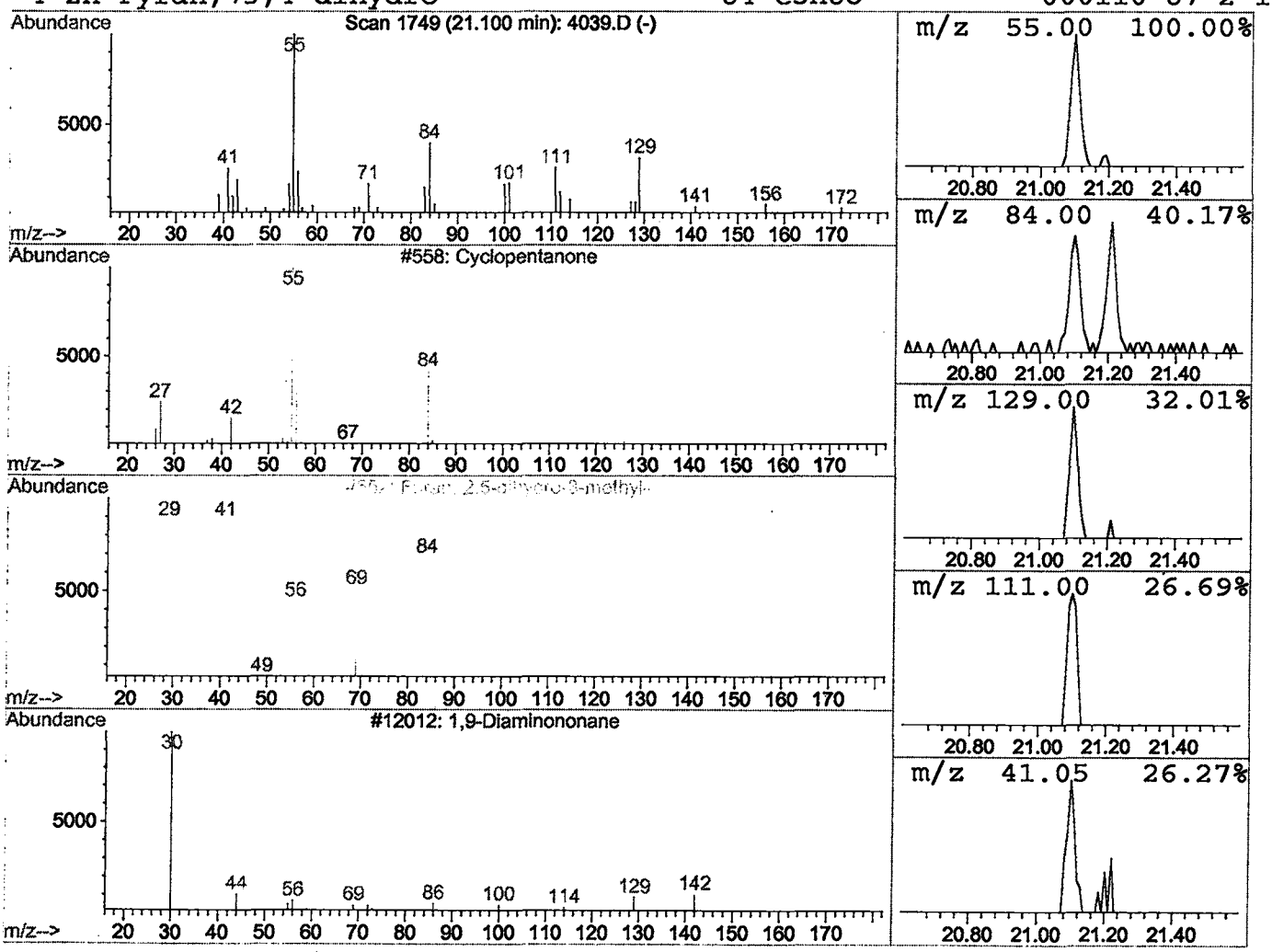
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	0.22 ug/l	36690	Acenaphthene-d10	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone	84	C5H8O	000120-92-3	27
2	Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	27
3	1,9-Diaminononane	158	C9H22N2	000646-24-2	16
4	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	16



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 2:47 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4039.D
Name: gc/ms scan 2/25
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
3-Pentanol, 3-methyl	8.15	3.9	ug/l	439805	ISTD01	12.27	2256550	20.0
Cyclopentanone	21.10	0.2	ug/l	36690	ISTD03	21.21	3332030	20.0

4039.D GCMS0308.M Wed Mar 27 10:00:55 2002