User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:17:38

Sample: AE01137
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 16:17 Ended: 3/4/02 16:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE01137 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 16:39:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard for the reextracted sample were above their acceptance ranges. This sample was extracted previously with its LCS Standard failing the first time. This sample will receive an analysis cost discount.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1137.D Vial: 69
Acq On : 24 Feb 2002 11:59 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 16:01 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 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

re-analyze

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	233484	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	892793	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	480024	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	660693	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	428629	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	278215	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	55377	8.03	ug/mL	0.31
Spiked Amount 5.000			Recovery =	160.60%		

4.56 9/20

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	0.00	165	0	N.D.	
25) Diethylphthalate	22.76	149	468	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

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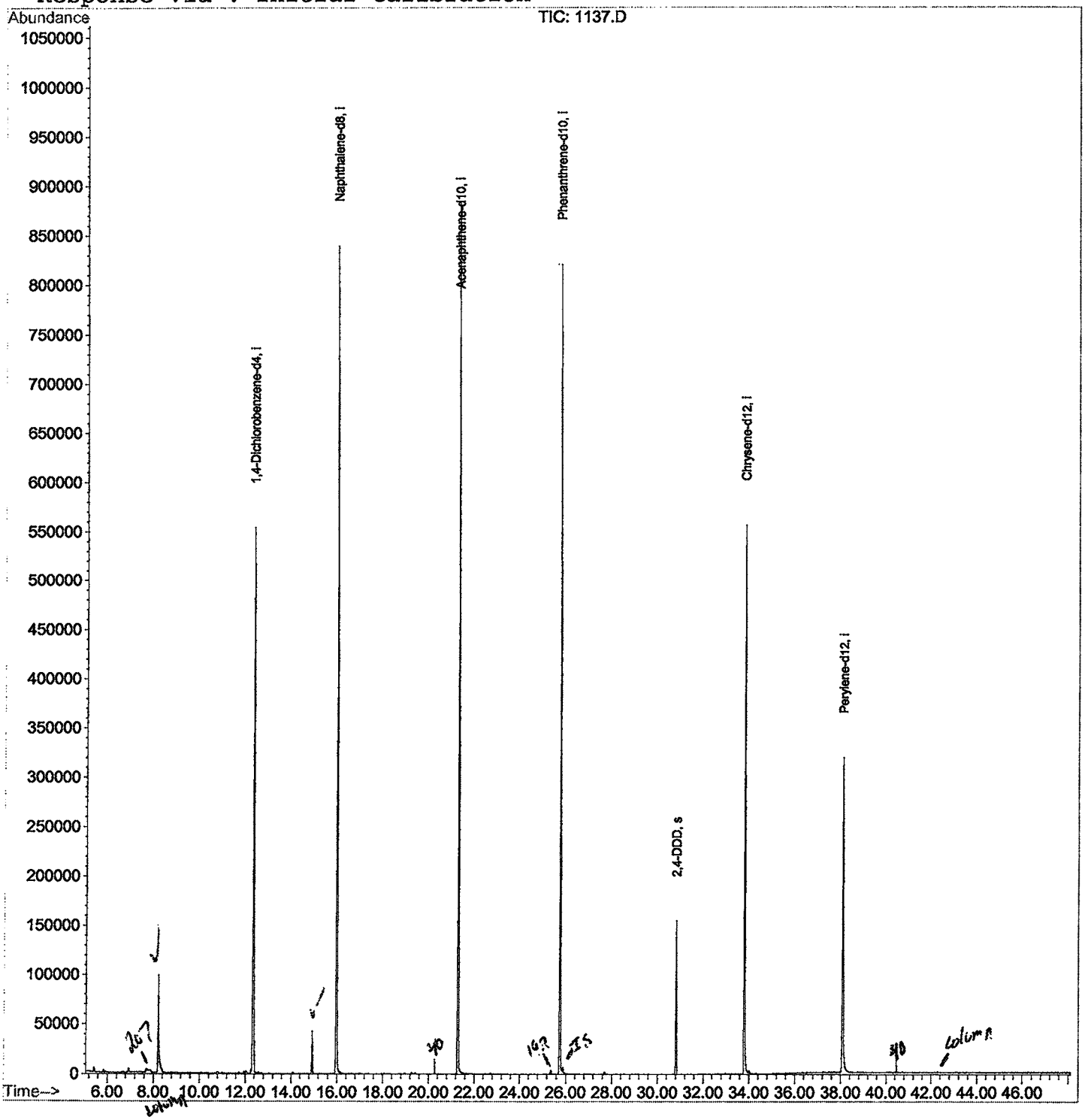
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 16:01 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1137.D Vial: 69
Acq On : 24 Feb 2002 11:59 am Operator:
Sample : gc/ms scan 2/21 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

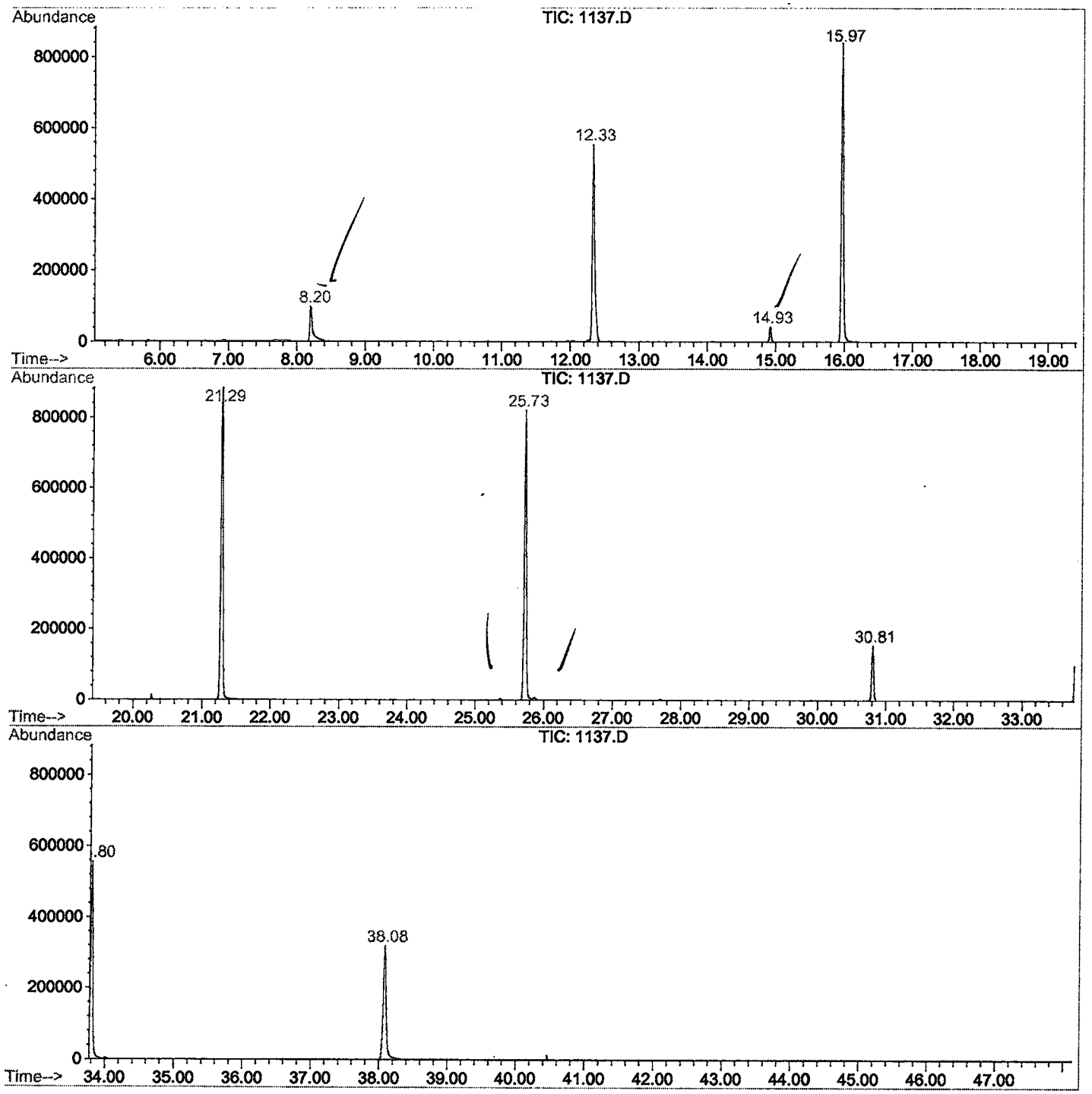
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.198	340	344	369	rVB	97788	283187	14.80%	2.912%
2	12.329	789	794	812	rVB	553391	1352846	70.72%	13.913%
3	14.927	1071	1077	1084	rVB	42791	83038	4.34%	0.854%
4	15.974	1185	1191	1203	rBV	840035	1753103	91.65%	18.029%
5	21.289	1763	1770	1781	rBV	884655	1912865	100.00%	19.672%
6	25.732	2248	2254	2265	rBV2	820845	1751535	91.57%	18.013%
7	30.809	2802	2807	2814	rVB	154821	296103	15.48%	3.045%
8	33.802	3126	3133	3149	rBV2	556411	1301442	68.04%	13.384%
9	38.080	3590	3599	3623	rBV2	317894	989578	51.73%	10.177%

Sum of corrected areas: 9723697

1137.D GCMS0208.M Fri Mar 01 09:05:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1137.D
Operator :
Acquired : 24 Feb 2002 11:59 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 69
Quant File :GCMS0208.RES (RTE Integrator)



1137.D GCMS0208.M Fri Mar 01 09:05:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1137.D Vial: 69
Acq On : 24 Feb 2002 11:59 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

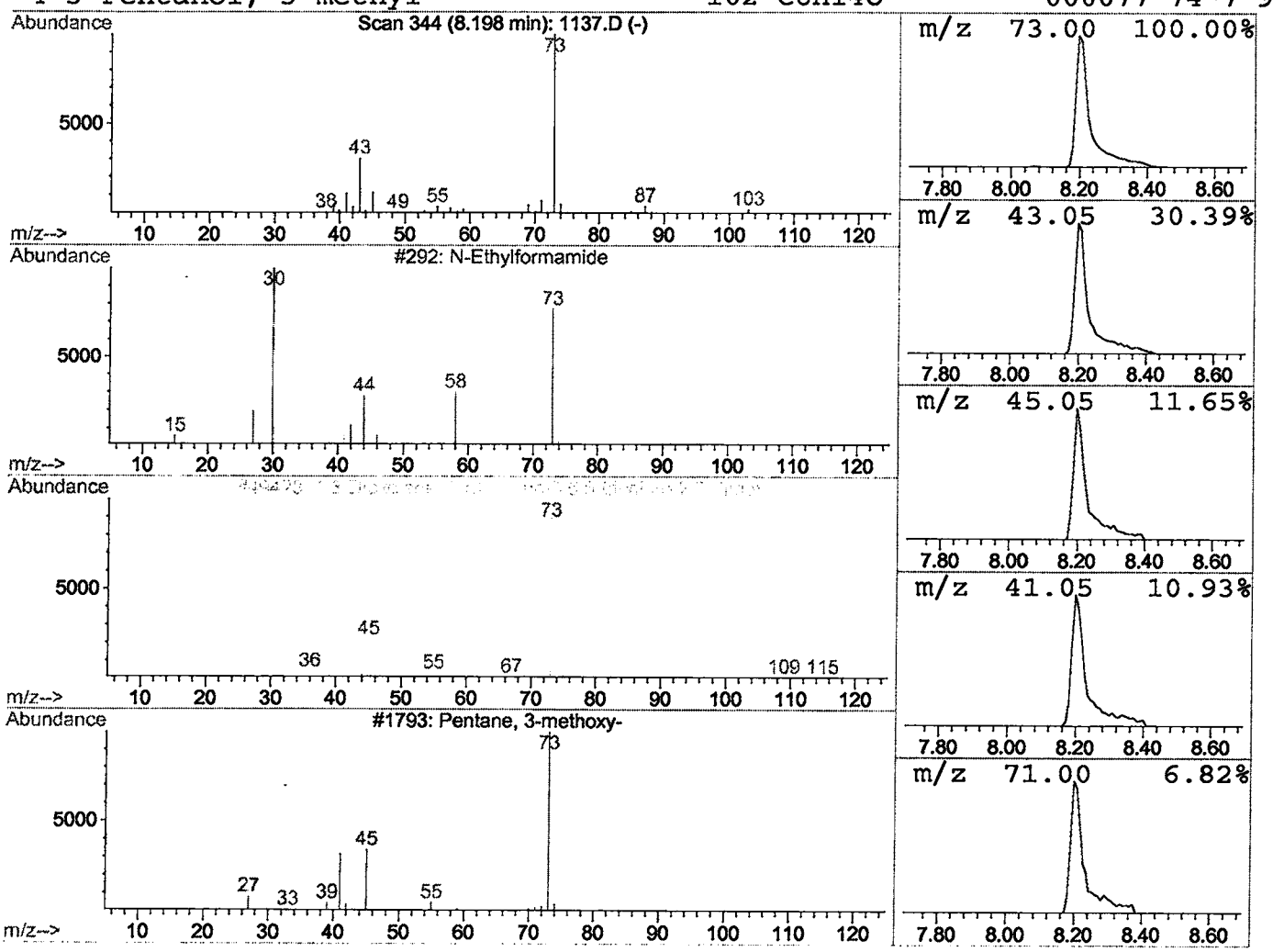
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.19 ug/l	283187	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1137.D Vial: 69
Acq On : 24 Feb 2002 11:59 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

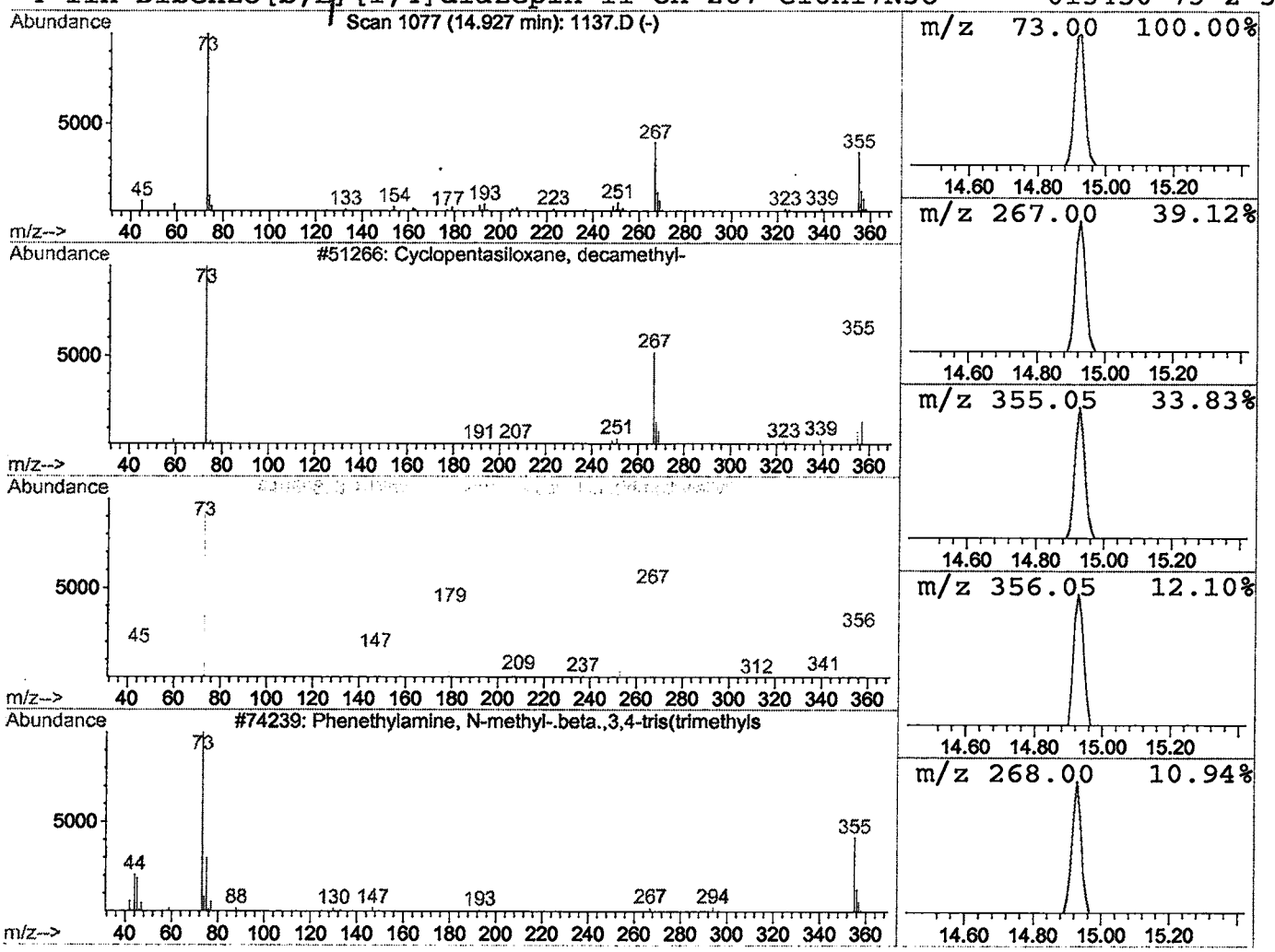
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	0.95 ug/l	83038	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	32
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	11H-Dibenzo[b,E][1,4]diazepin-11-on	267	C16H17N3O	013450-73-2	30



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 11:59 am
Data File: C:\HPCHEM\1\DATA\FEB2102\1137.D
Name: gc/ms scan 2/21
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	8.20	4.2	ug/l	283187	ISTD01	12.33	1352850	20.0
Cyclopentasiloxane,	14.93	0.9	ug/l	83038	ISTD02	15.97	1753100	20.0

1137.D GCMS0208.M Fri Mar 01 09:06:05 2002