User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:43:17

Sample: AE02568
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:42 Ended: 3/25/02 14:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2					

Comments for Sample AE02568 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:43:29

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\2568.D Vial: 23
Acq On : 21 Mar 2002 2:42 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 13:58 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	472164	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1823708	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	990230	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1423308	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	793951	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	461895	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	87334	8.44	ug/mL	0.24
Spiked Amount 5.000			Recovery = 168.80%			
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	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	15.96	128	372	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	22.70	149	1583	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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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	572	N.D.	
34)	Anthracene	25.66	178	572	N.D.	
35)	Di-n-butylphthalate	27.63	149	4451	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	1930	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	2087	N.D.	
43)	Chrysene	33.72	228	1930	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	1705	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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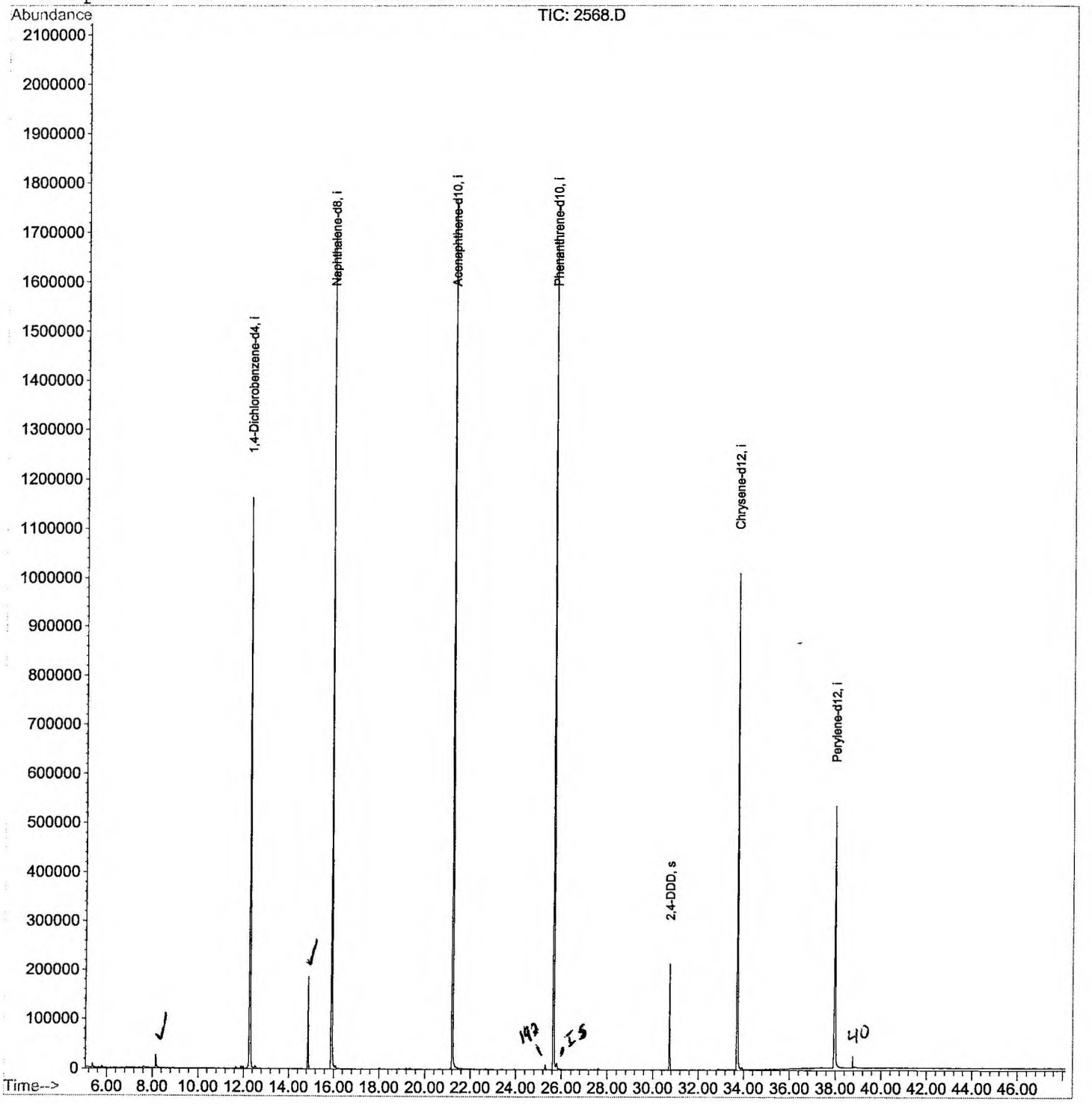
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 13:58 2002 Quant Results File: GCMS0308.RES

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\MAR1902\2568.D Vial: 23
Acq On : 21 Mar 2002 2:42 am Operator:
Sample : gc/ms scan 3/4 fb 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

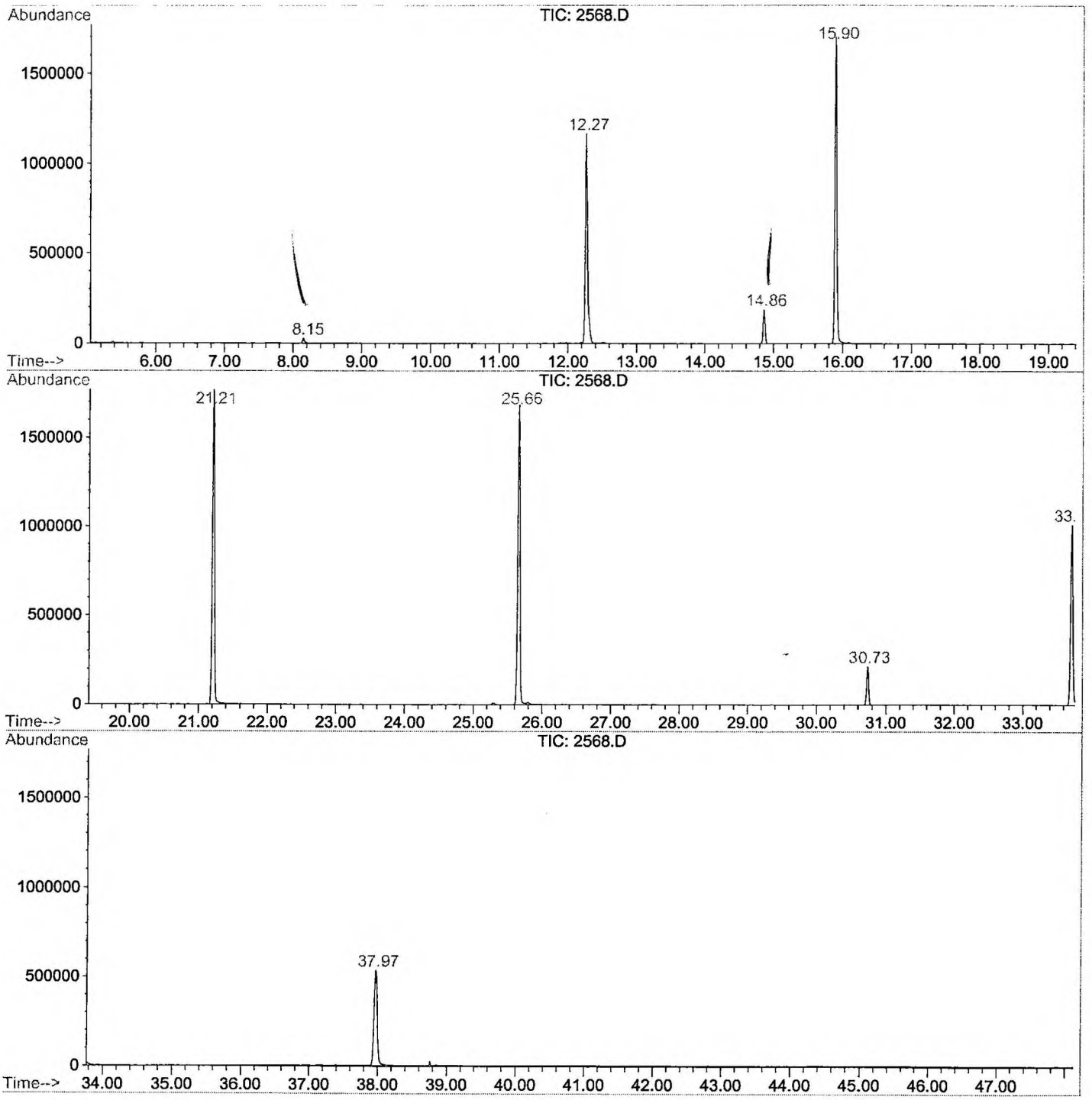
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.154	335	339	348	rBV	26750	58683	1.54%	0.321%
2	12.267	781	787	803	rVB	1162044	2592841	68.18%	14.198%
3	14.865	1065	1070	1076	rVB	186443	351622	9.25%	1.925%
4	15.902	1177	1183	1200	rBV	1698469	3455833	90.87%	18.923%
5	21.208	1755	1761	1781	rBV	1768748	3803025	100.00%	20.825%
6	25.661	2239	2246	2258	rBV	1683447	3626883	95.37%	19.860%
7	30.728	2793	2798	2806	rVB	214824	436292	11.47%	2.389%
8	33.721	3117	3124	3140	rBV2	1010878	2336860	61.45%	12.796%
9	37.972	3578	3587	3602	rBV2	531929	1600091	42.07%	8.762%

Sum of corrected areas: 18262130

2568.D GCMS0308.M Thu Mar 21 14:20:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\2568.D
Operator :
Acquired : 21 Mar 2002 2:42 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4 fb
Misc Info :
Vial Number: 23
Quant File :GCMS0308.RES (RTE Integrator)



2568.D GCMS0308.M Thu Mar 21 14:20:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2568.D Vial: 23
Acq On : 21 Mar 2002 2:42 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

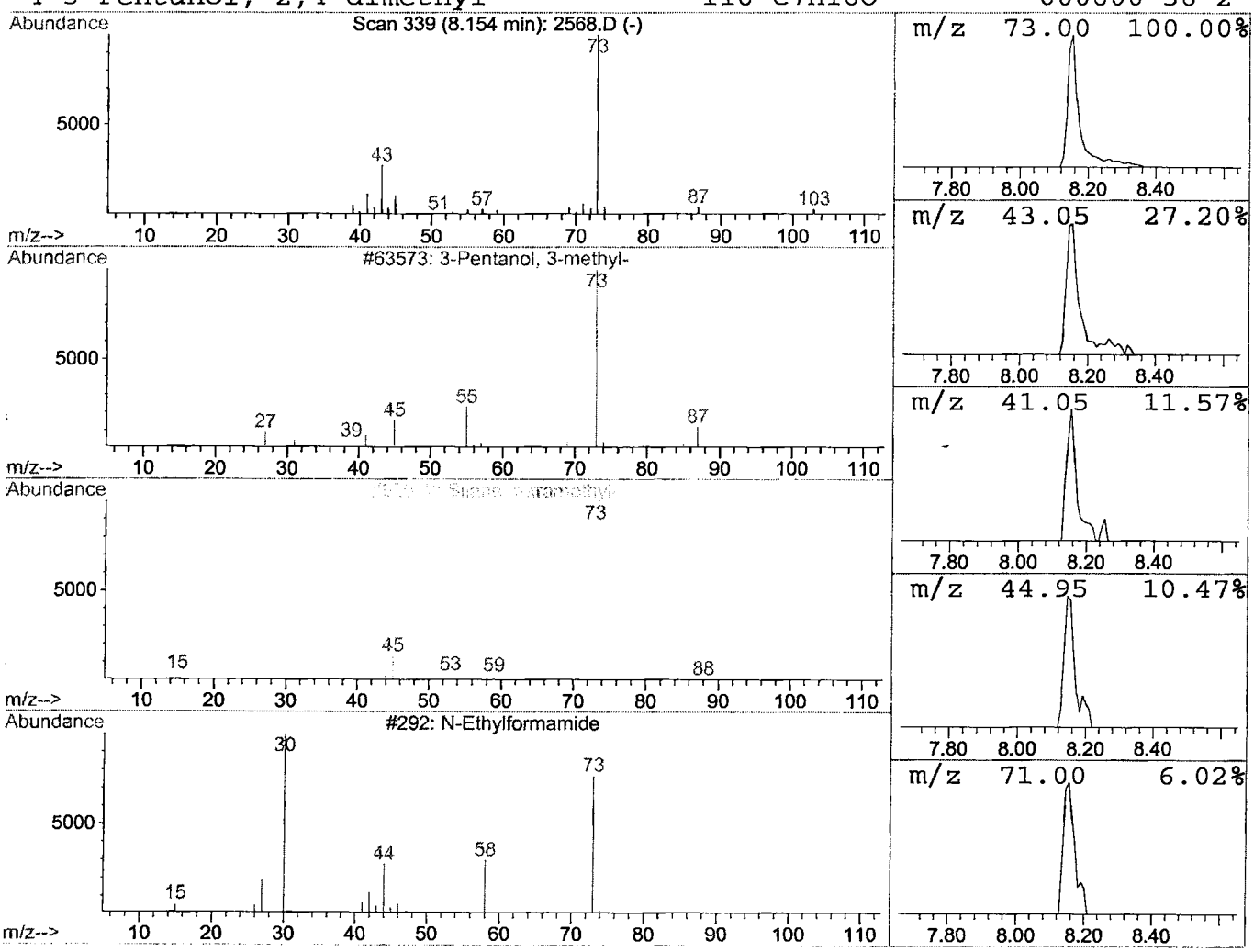
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.45 ug/l	58683	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	36
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2568.D Vial: 23
Acq On : 21 Mar 2002 2:42 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

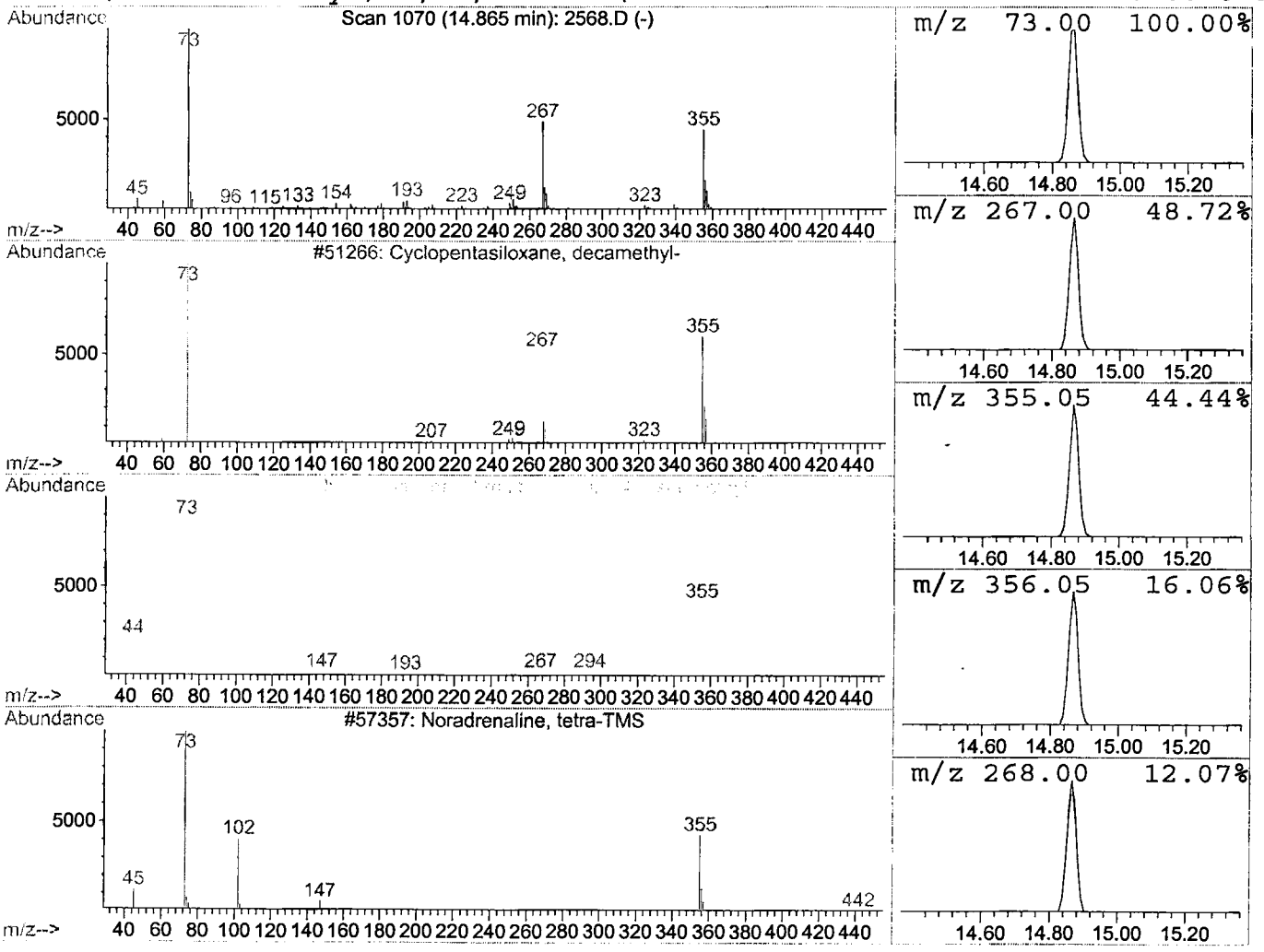
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.03 ug/l	351622	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 2:42 am
Data File: C:\HPCHEM\1\DATA\MAR1902\2568.D
Name: gc/ms scan 3/4 fb
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	0.5	ug/l	58683	ISTD01	12.27	2592840	20.0
Cyclopentasiloxane,	14.86	2.0	ug/l	351622	ISTD02	15.90	3455830	20.0

2568.D GCMS0308.M Thu Mar 21 14:20:57 2002