User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 10:07:18

Sample: AE01462
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 10:06 Ended: 3/29/02 10:06 Analyst: DLV
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE01462 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 10:07:21

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance limits. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\1462.D Vial: 42
Acq On : 24 Mar 2002 10:33 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:27 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	416468	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1690557	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	942367	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1398016	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	895561	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	520064	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	77798	4.74 ~~7.66~~	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~153.20%~~ 95%		
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	217	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	431	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)

Data File : C:\HPCHEM\1\DATA\MAR2202\1462.D Vial: 42
Acq On : 24 Mar 2002 10:33 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:27 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

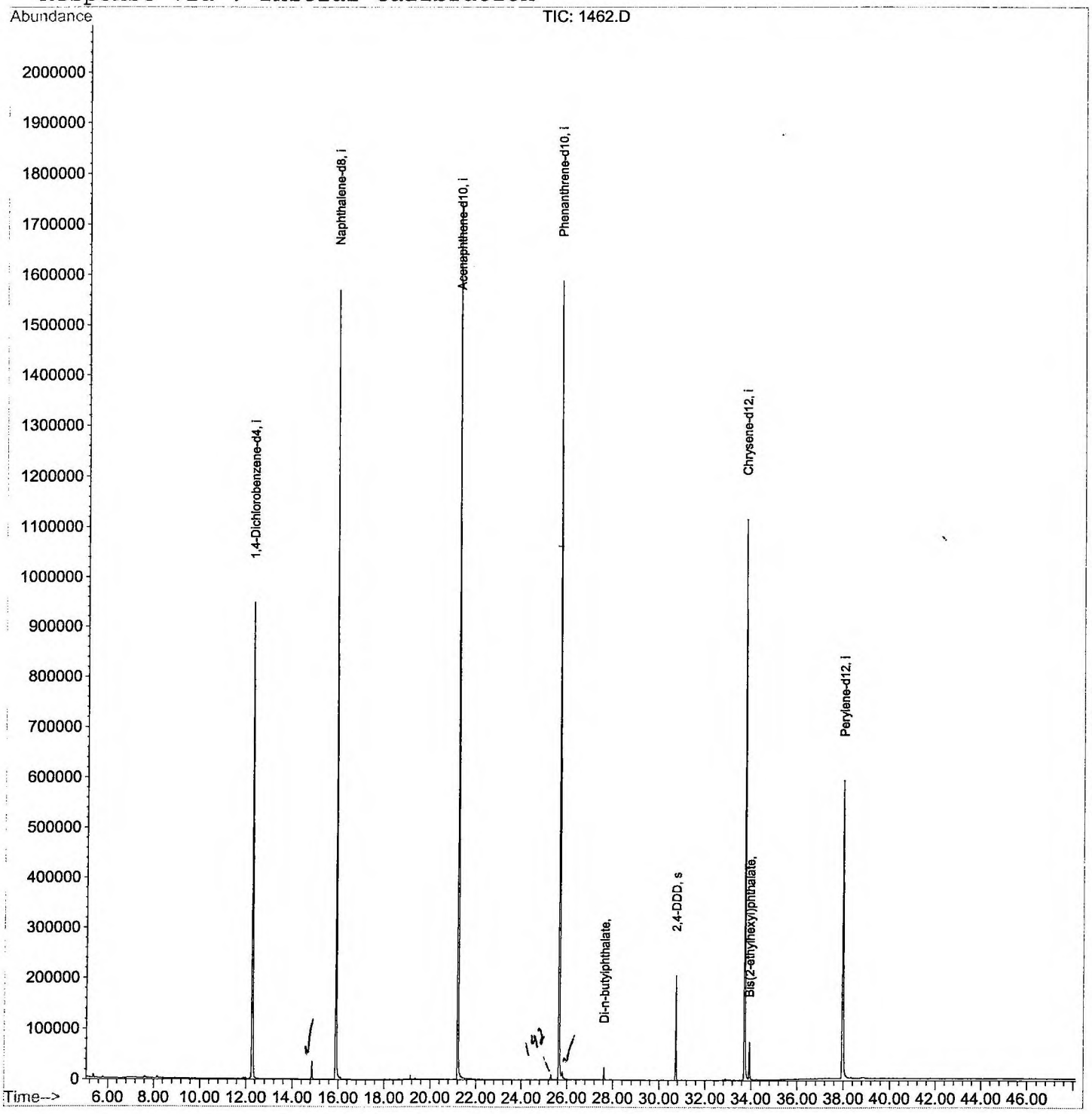
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.65	178	310	N.D.	
34)	Anthracene	25.65	178	310	N.D.	
35)	Di-n-butylphthalate	27.63	149	29517	0.39 ug/l #	97
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.14	149	194	N.D.	
41)	Benzo(a)anthracene	33.71	228	2159	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	49903	1.39 ug/l #	96
43)	Chrysene	33.71	228	2159	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	2088	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\1462.D Vial: 42
Acq On : 24 Mar 2002 10:33 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:27 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\MAR2202\1462.D Vial: 42
Acq On : 24 Mar 2002 10:33 am Operator:
Sample : re-extract 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

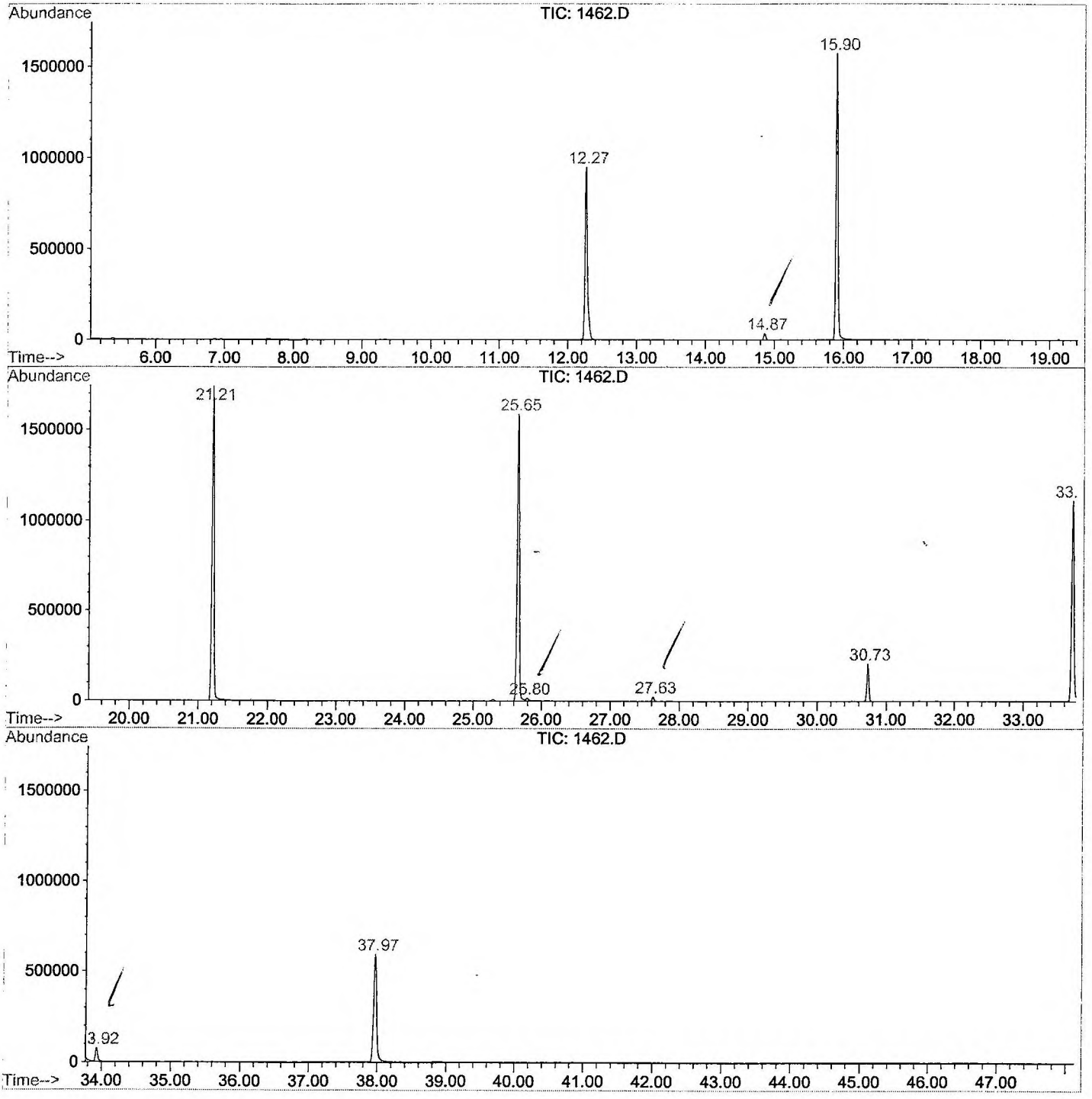
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	803	rVB	946727	2285262	63.62%	12.917%
2	14.865	1063	1070	1076	rBV	35180	70038	1.95%	0.396%
3	15.903	1177	1183	1201	rBV	1570575	3186396	88.70%	18.010%
4	21.209	1755	1761	1774	rBV	1743212	3592196	100.00%	20.304%
5	25.652	2238	2245	2257	rBV2	1587622	3537021	98.46%	19.992%
6	25.799	2257	2261	2270	rVB	13519	36833	1.03%	0.208%
7	27.626	2455	2460	2465	rBV	24635	48588	1.35%	0.275%
8	30.729	2793	2798	2804	rVB	205859	384201	10.70%	2.172%
9	33.722	3115	3124	3142	rBV2	1115805	2608147	72.61%	14.742%
10	33.924	3142	3146	3156	rVB	73319	164751	4.59%	0.931%
11	37.972	3577	3587	3604	rBV2	591617	1778620	49.51%	10.053%

Sum of corrected areas: 17692053

1462.D GCMS0308.M Tue Mar 26 10:40:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\1462.D
Operator :
Acquired : 24 Mar 2002 10:33 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 42
Quant File :GCMS0308.RES (RTE Integrator)



1462.D GCMS0308.M Tue Mar 26 10:40:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\1462.D Vial: 42
Acq On : 24 Mar 2002 10:33 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

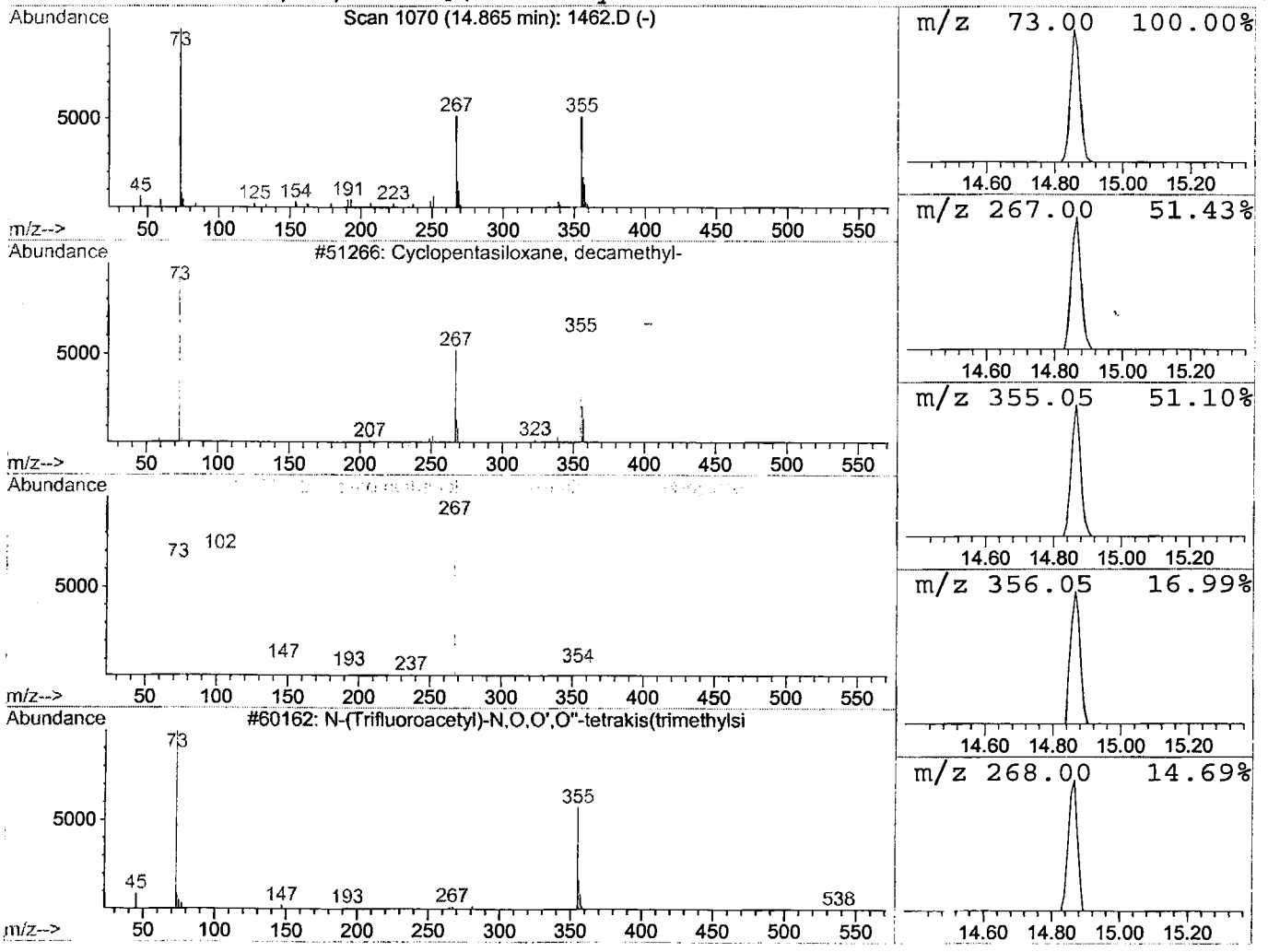
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	0.44 ug/l	70038	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Benzenemethanol, .alpha.-(aminometh	369	C17H35NO2Si3	056145-08-5	43
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\1462.D Vial: 42
Acq On : 24 Mar 2002 10:33 am Operator:
Sample : re-extract 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

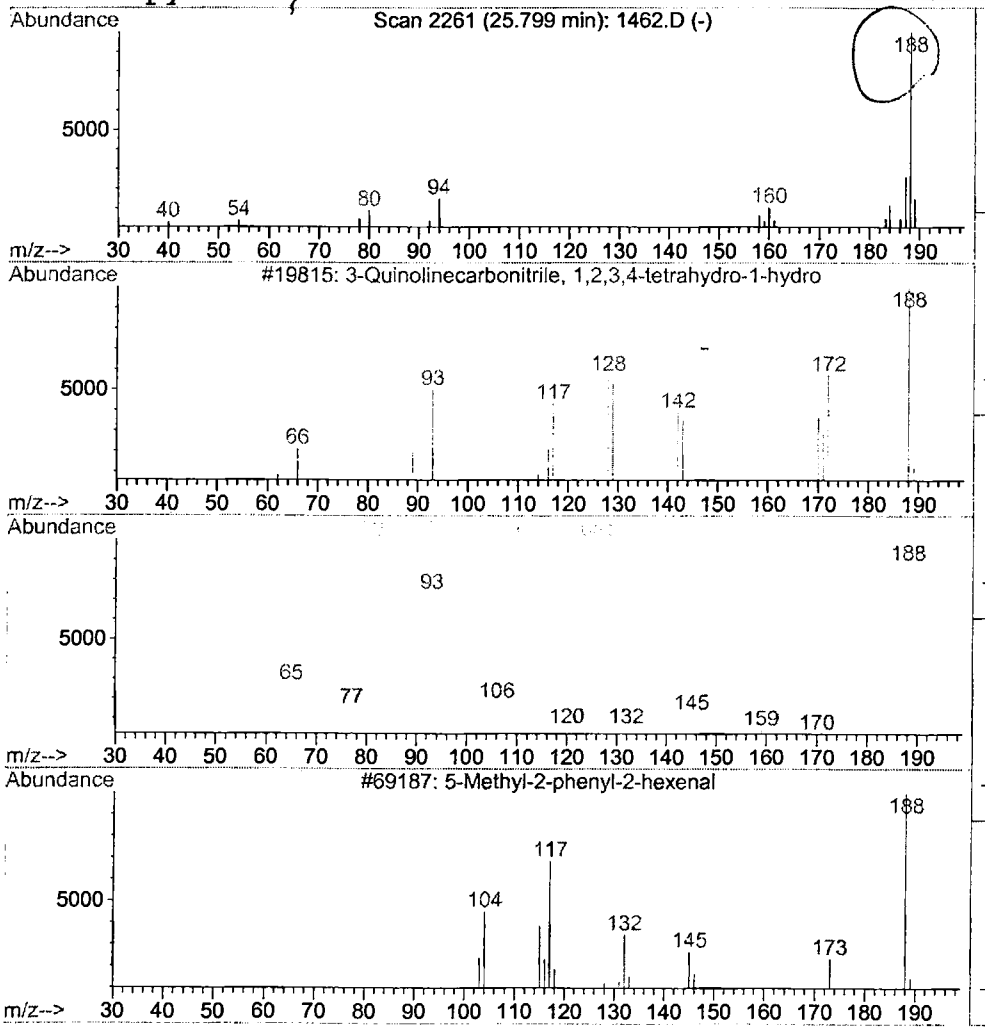
****

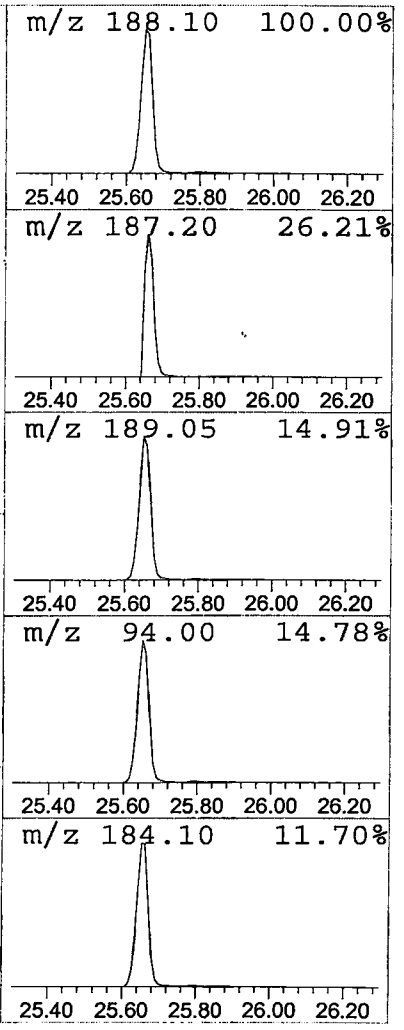
Peak Number 2 3-Quinolinecarbonitrile, 1,2,3 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.21 ug/l	36833	Phenanthrene-d10	25.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Quinolinecarbonitrile, 1,2,3,4-te	188	C10H8N2O2	022384-05-0	47
2	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	45
3	5-Methyl-2-phenyl-2-hexenal	188	C13H16O	021834-92-4	43
4	Antipyrine	188	C11H12N2O	000060-80-0	40

15





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 10:33 am
Data File: C:\HPCHEM\1\DATA\MAR2202\1462.D
Name: re-extract
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
Cyclopentasiloxane,	14.87	0.4	ug/l	70038	ISTD02	15.90	3186400	20.0
3-Quinolinecarbonitr	25.80	0.2	ug/l	36833	ISTD04	25.65	3537020	20.0

1462.D GCMS0308.M Tue Mar 26 10:41:05 2002