User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:01:04

Sample: AE06427
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 14:00 Ended: 4/23/02 14:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE06427 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 14:01:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\6427.D Vial: 11
Acq On : 15 Apr 2002 5:52 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:23 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

re-analysis

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	516210	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1880264	20.00	ug/l	0.00
17) Acenaphthene-d10	21.17	164	1072123	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1558063	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	994696	20.00	ug/l	0.00
45) Perylene-d12	37.91	264	690576	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.30	209	41905	7.80	ug/L	-0.03
Spiked Amount 10.000			Recovery = 78.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	22.65	149	958	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\6427.D Vial: 11
Acq On : 15 Apr 2002 5:52 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:23 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

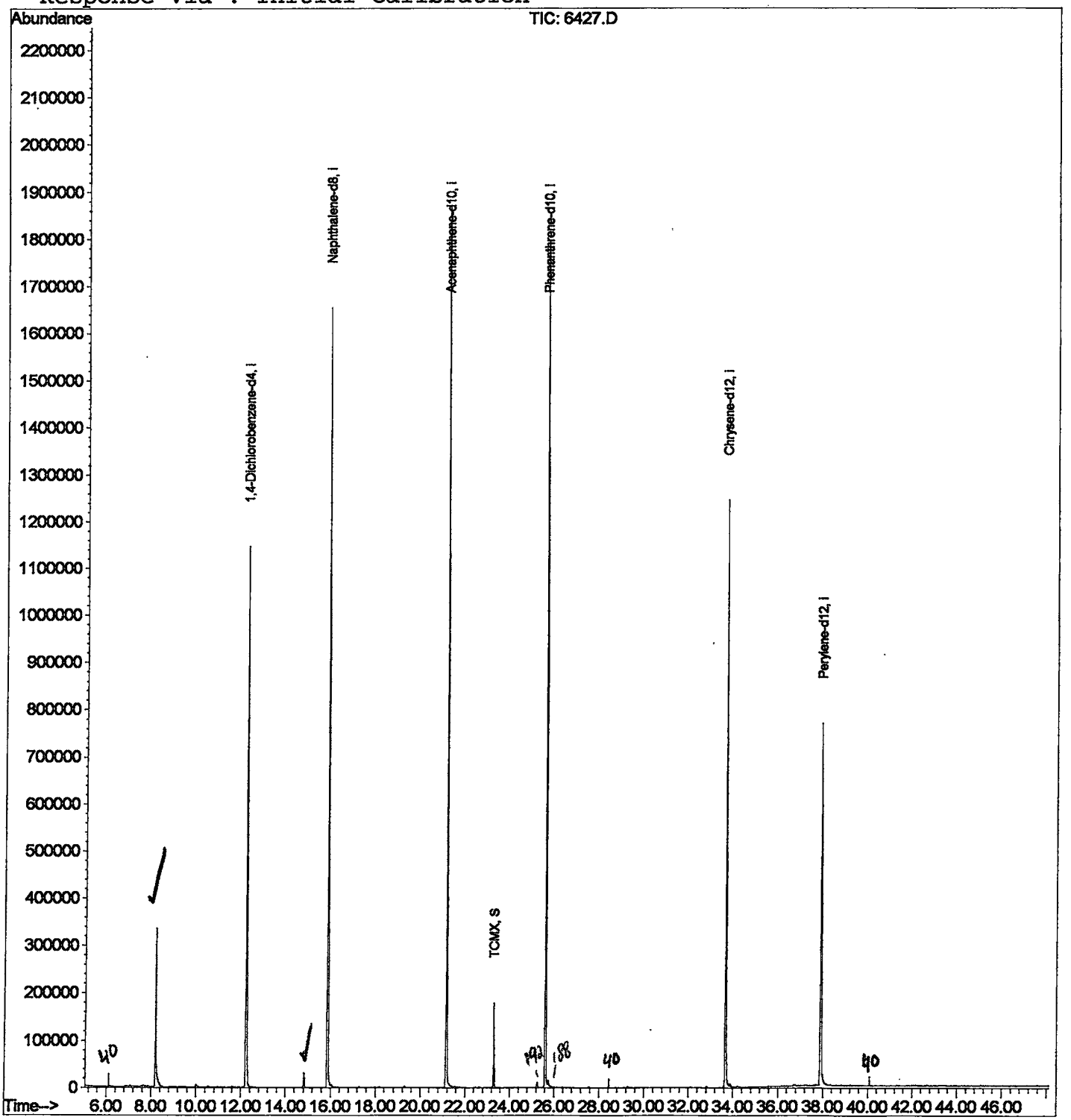
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.62	178	287	N.D.	
35) Anthracene	25.62	178	287	N.D.	
36) Di-n-butylphthalate	27.58	149	3959	N.D.	
37) Fluoranthene	29.33	202	449	N.D.	
40) Pyrene	30.00	202	480	N.D.	
41) Butylbenzylphthalate	32.11	149	413	N.D.	
42) Benzo(a)anthracene	33.66	228	3721	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.88	149	3730	N.D.	
44) Chrysene	33.74	228	1945	N.D.	
46) Di-n-Octylphthalate	35.61	149	833	N.D.	
47) Benzo(b)fluoranthene	36.72	252	2202	N.D.	
48) Benzo(k)fluoranthene	36.79	252	2413	N.D.	
49) Benzo(a)pyrene	37.70	252	1452	N.D.	
50) Indeno(1,2,3-cd)pyrene	42.04	276	1640	N.D.	
51) Dibenz(a,h)anthracene	42.11	278	619	N.D.	
52) Benzo(g,h,i)perylene	43.24	276	2664	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\6427.D Vial: 11
Acq On : 15 Apr 2002 5:52 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:23 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1202\6427.D Vial: 11
Acq On : 15 Apr 2002 5:52 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

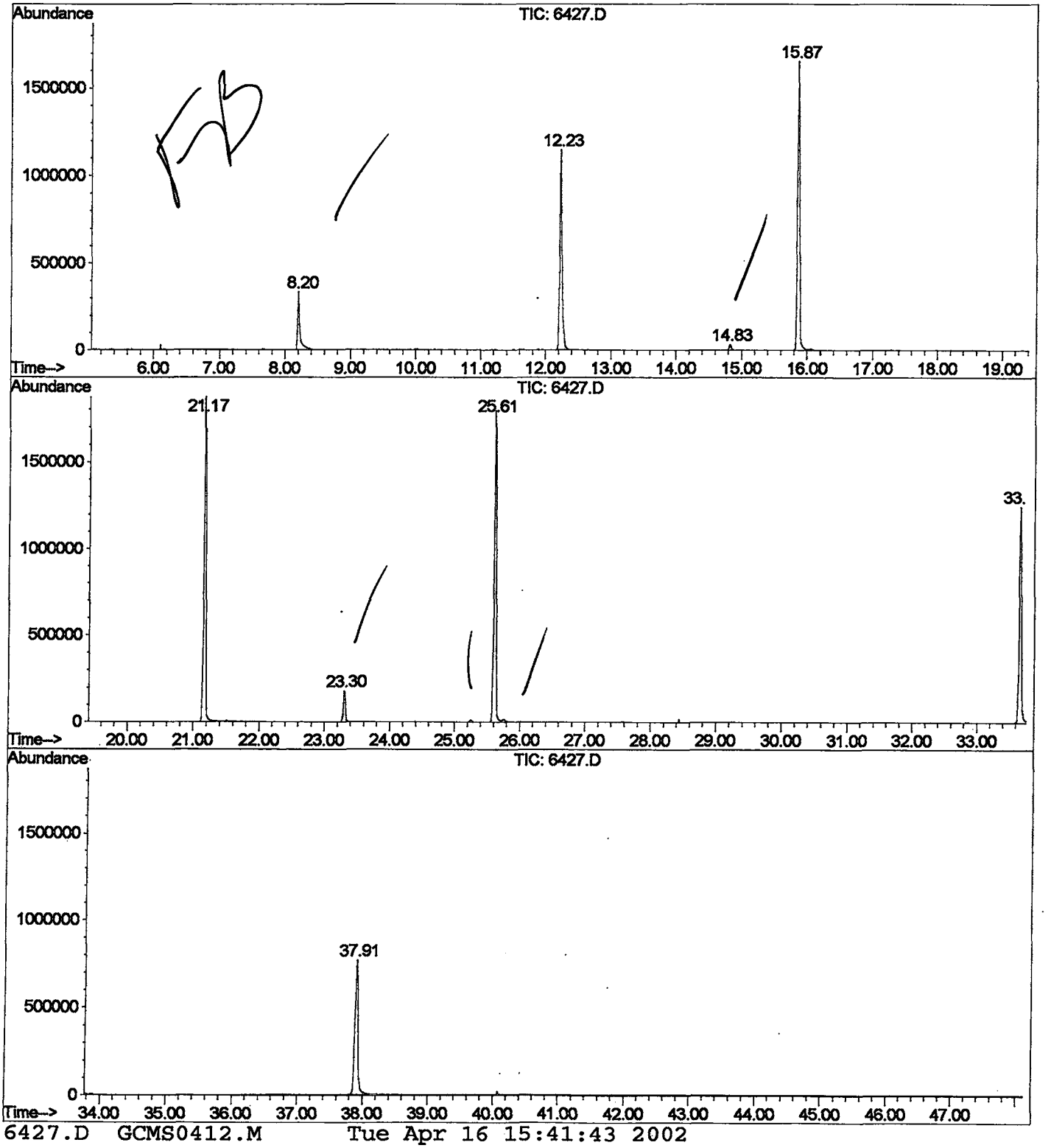
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.202	340	344	372	rVB	334104	794314	19.45%	3.823%
2	12.232	777	783	799	rBV	1145377	2747510	67.29%	13.224%
3	14.830	1061	1066	1071	rBV	31099	58258	1.43%	0.280%
4	15.867	1173	1179	1196	rBV	1654067	3541559	86.74%	17.046%
5	21.173	1750	1757	1780	rBV	1871971	4083107	100.00%	19.652%
6	23.303	1980	1989	1996	rBV	178822	374978	9.18%	1.805%
7	25.607	2234	2240	2251	rBV2	1793397	3924964	96.13%	18.891%
8	33.668	3111	3118	3137	rBV2	1245519	2898272	70.98%	13.950%
9	37.909	3571	3580	3600	rBV2	766017	2353850	57.65%	11.329%

Sum of corrected areas: 20776812

6427.D GCMS0412.M Tue Apr 16 15:41:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\6427.D
Operator :
Acquired : 15 Apr 2002 5:52 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-extract
Misc Info :
Vial Number: 11
Quant File :GCMS0412.RES (RTE Integrator)



6427.D GCMS0412.M Tue Apr 16 15:41:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6427.D Vial: 11
Acq On : 15 Apr 2002 5:52 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

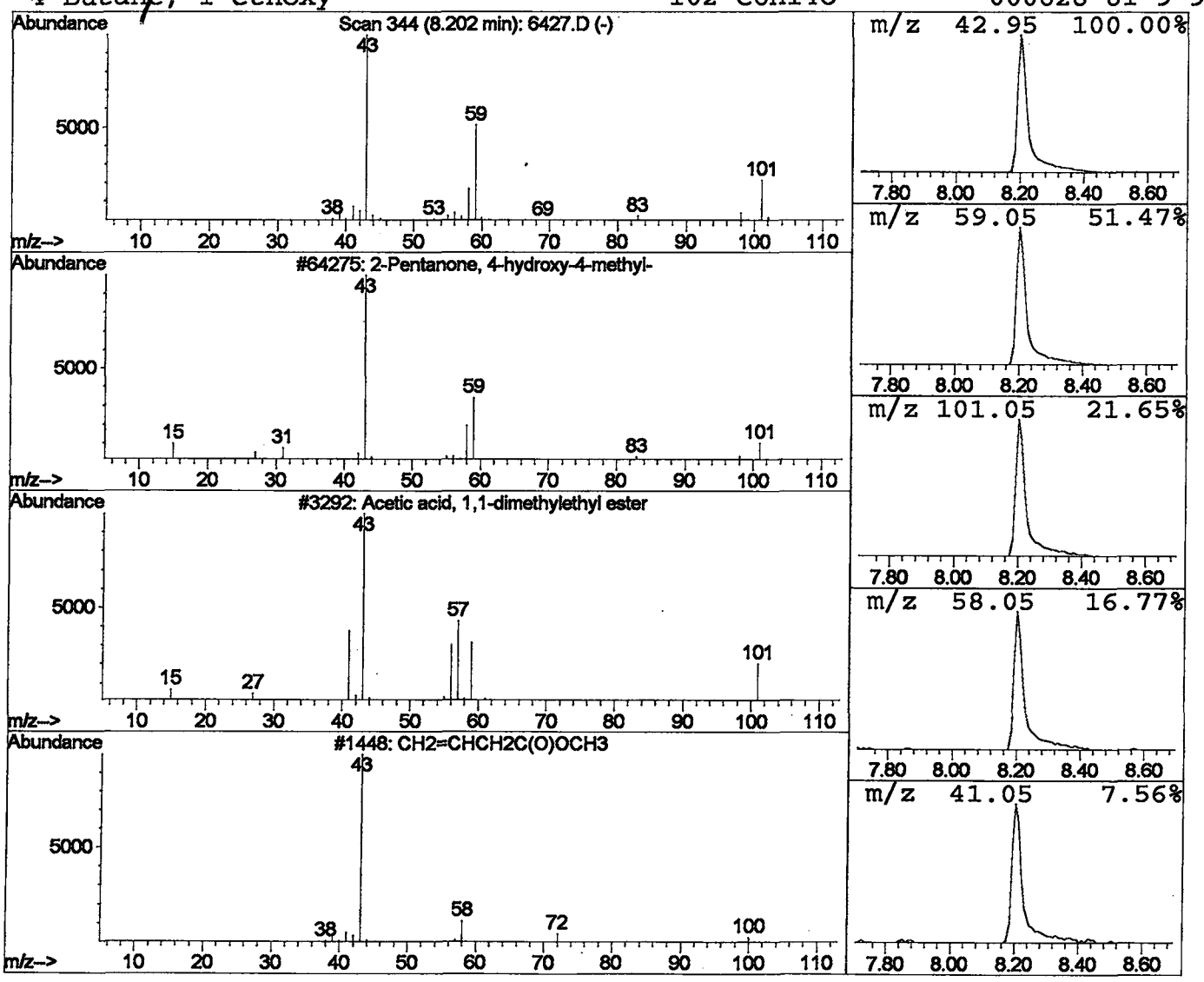
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	5.78 ug/l	794314	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6427.D Vial: 11
Acq On : 15 Apr 2002 5:52 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

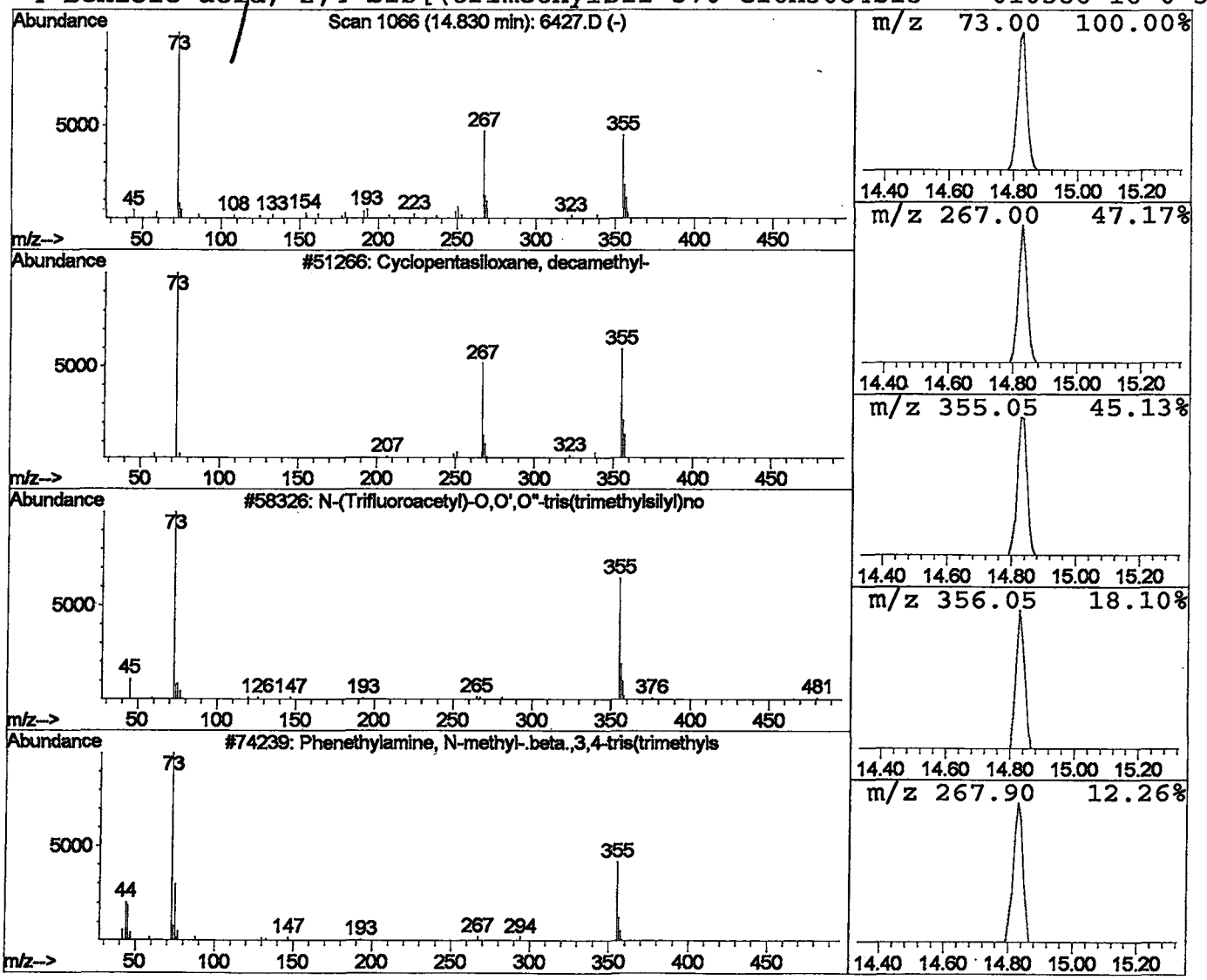
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.33 ug/l	58258	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 Apr 2002 5:52 pm
Data File: C:\HPCHEM\1\DATA\APR1202\6427.D
Name: re-extract
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
2-Pentanone, 4-hydro	8.20	5.8	ug/l	794314	ISTD01	12.23	2747510	20.0
Cyclopentasiloxane,	14.83	0.3	ug/l	58258	ISTD02	15.87	3541560	20.0

6427.D GCMS0412.M Tue Apr 16 15:41:45 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\6427.D Vial: 13
Acq On : 6 Apr 2002 1:49 am Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:18 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

original

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.24	152	496644	20.00	ug/l	-0.02
10) Naphthalene-d8	15.89	136	1802589	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	1013816	20.00	ug/l	-0.01
30) Phenanthrene-d10	25.63	188	1416040	20.00	ug/l	-0.02
39) Chrysene-d12	33.69	240	696727	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	386228	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery = 0.00%			
38) 2,4-DDD	30.70	235	63768	~~4.89~~ 3.39	ug/mL	0.20
Spiked Amount 5.000			Recovery	~~97.80%~~ 68%		
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.	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	22.67	149	768	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\6427.D Vial: 13
Acq On : 6 Apr 2002 1:49 am Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:18 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

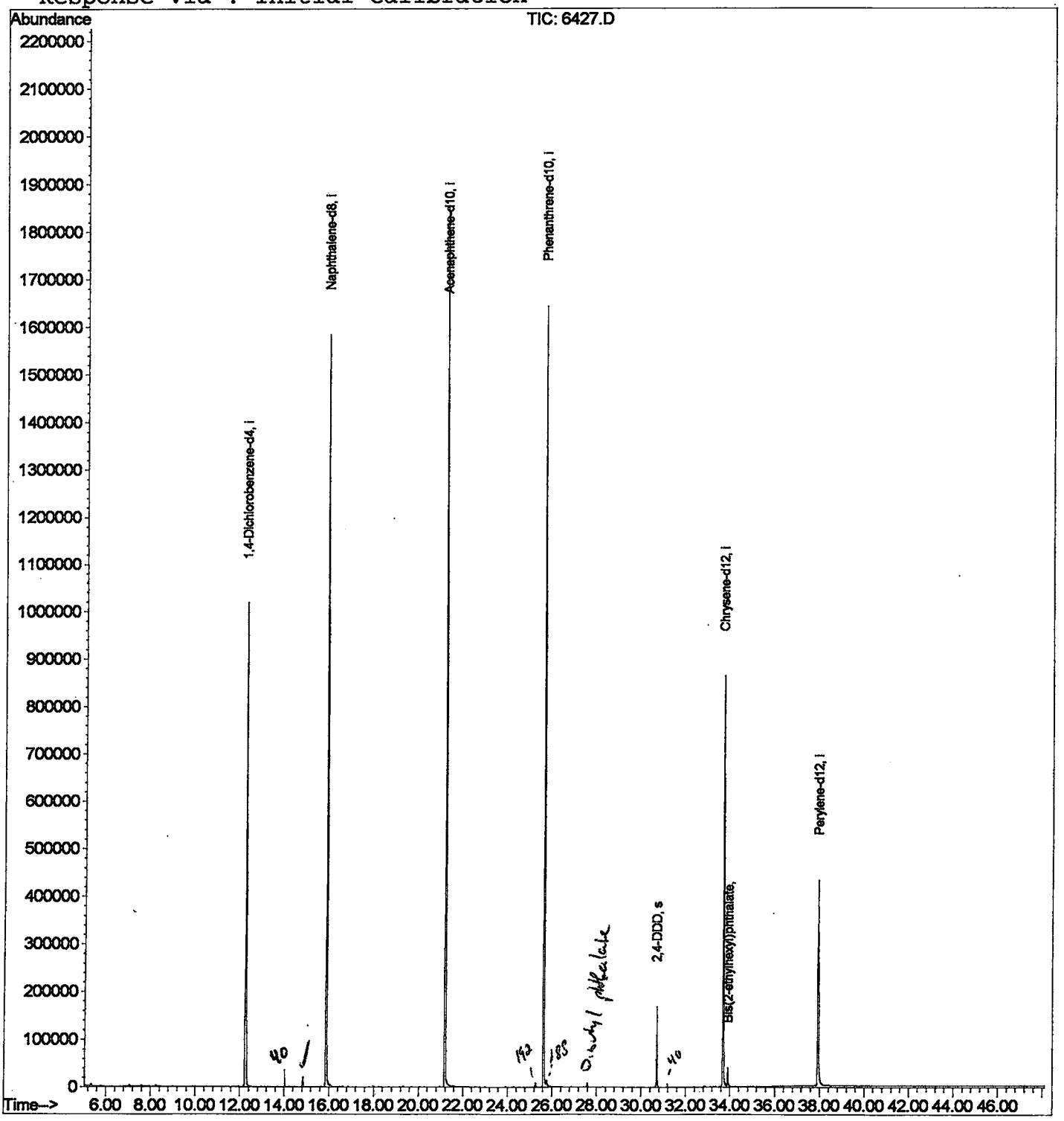
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.63	178	460	N.D.	
35) Anthracene	25.63	178	460	N.D.	
36) Di-n-butylphthalate	27.60	149	11688	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.69	228	1405	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.91	149	27521	1.33 ug/l	93
44) Chrysene	33.69	228	1405	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.93	252	1407	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) 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\APR0405\6427.D Vial: 13
Acq On : 6 Apr 2002 1:49 am Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:18 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0405\6427.D Vial: 13
Acq On : 6 Apr 2002 1:49 am Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

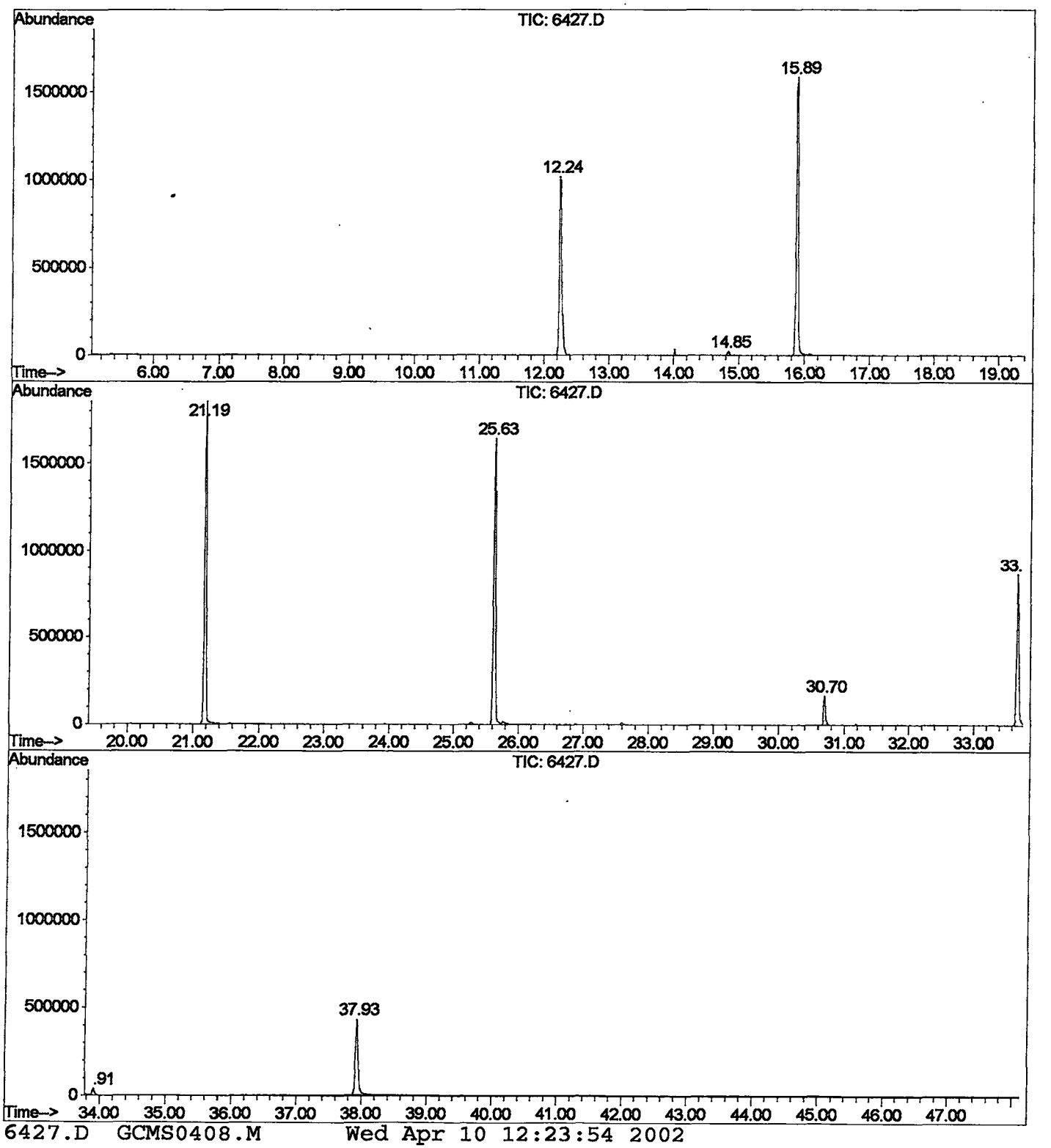
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.241	779	784	808	rVB	1017474	2658919	68.83%	15.432%
2	14.848	1060	1068	1073	rBV	21760	43922	1.14%	0.255%
3	15.885	1175	1181	1198	rBV	1583815	3395371	87.89%	19.706%
4	21.192	1752	1759	1772	rBV	1855143	3863104	100.00%	22.420%
5	25.635	2236	2243	2253	rBV	1644707	3563209	92.24%	20.680%
6	30.702	2790	2795	2804	rVB	168611	317073	8.21%	1.840%
7	33.686	3113	3120	3139	rBV2	864687	1995163	51.65%	11.579%
8	33.906	3139	3144	3154	rVB	40277	92309	2.39%	0.536%
9	37.927	3575	3582	3601	rBV2	430734	1301227	33.68%	7.552%

Sum of corrected areas: 17230297

6427.D GCMS0408.M Wed Apr 10 12:23:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\6427.D
Operator :
Acquired : 6 Apr 2002 1:49 am using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 13
Quant File :GCMS0408.RES (RTE Integrator)



6427.D GCMS0408.M Wed Apr 10 12:23:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6427.D Vial: 13
Acq On : 6 Apr 2002 1:49 am Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

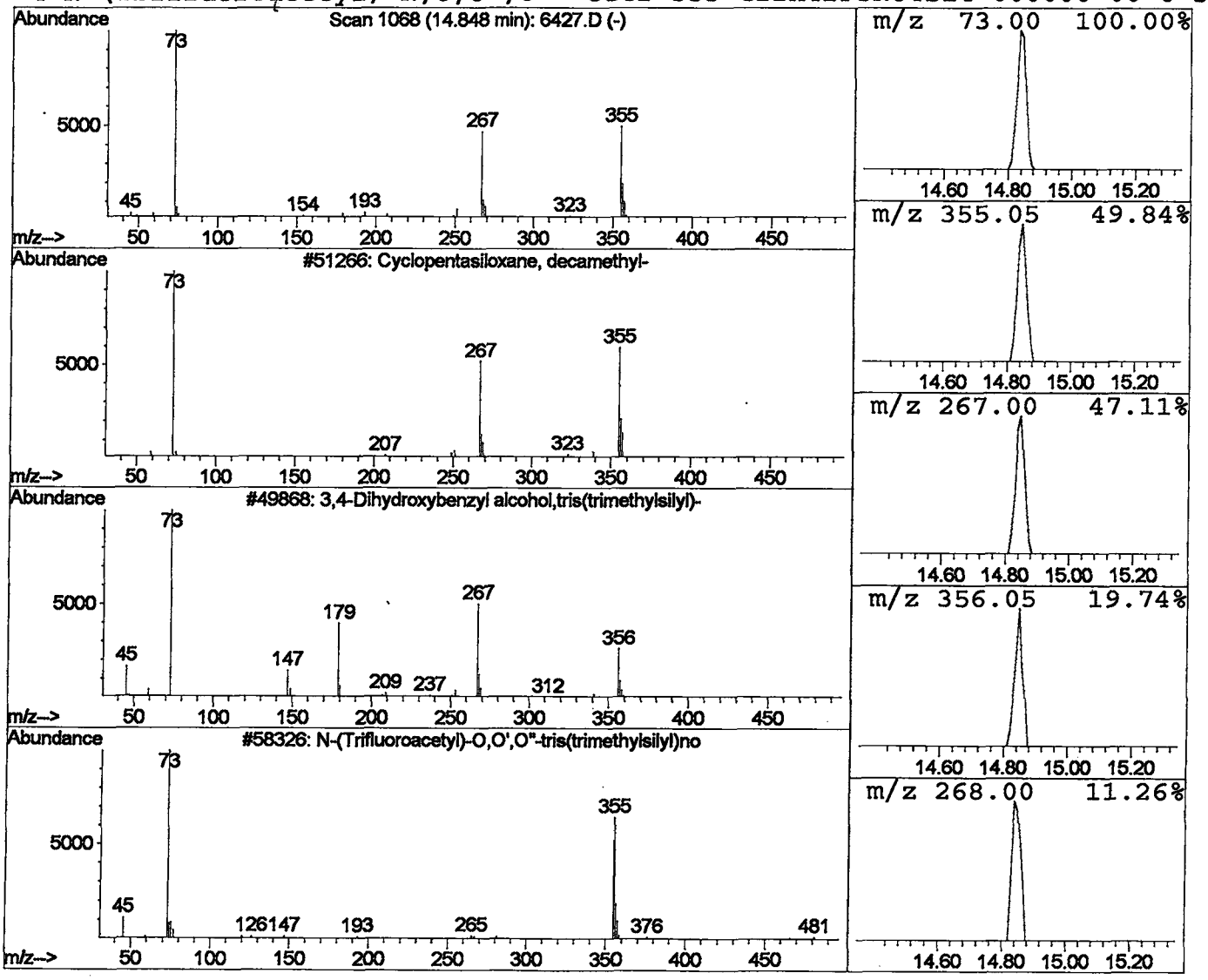
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.26 ug/l	43922	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	62
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 6 Apr 2002 1:49 am
Data File: C:\HPCHEM\1\DATA\APR0405\6427.D
Name: gc/ms scan 3/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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~~,	14.85	0.3	ug/l	43922	ISTD02	15.89	3395370	20.0

6427.D GCMS0408.M Wed Apr 10 12:23:55 2002