User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 13:58:29

Sample: AE06425
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 13:58 Ended: 4/23/02 13:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE06425 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 13:59:23

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\6425.D Vial: 10
Acq On : 15 Apr 2002 4:53 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:22 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	520101	20.00	ug/l	0.00
10) Naphthalene-d8	15.86	136	1920107	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	1094988	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1581126	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	930179	20.00	ug/l	0.00
45) Perylene-d12	37.90	264	590709	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	43170	7.87	ug/L	-0.02
Spiked Amount 10.000			Recovery = 78.70%			
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	21.43	165	297	N.D.		
25) Diethylphthalate	22.65	149	1272	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\6425.D Vial: 10
Acq On : 15 Apr 2002 4:53 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:22 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

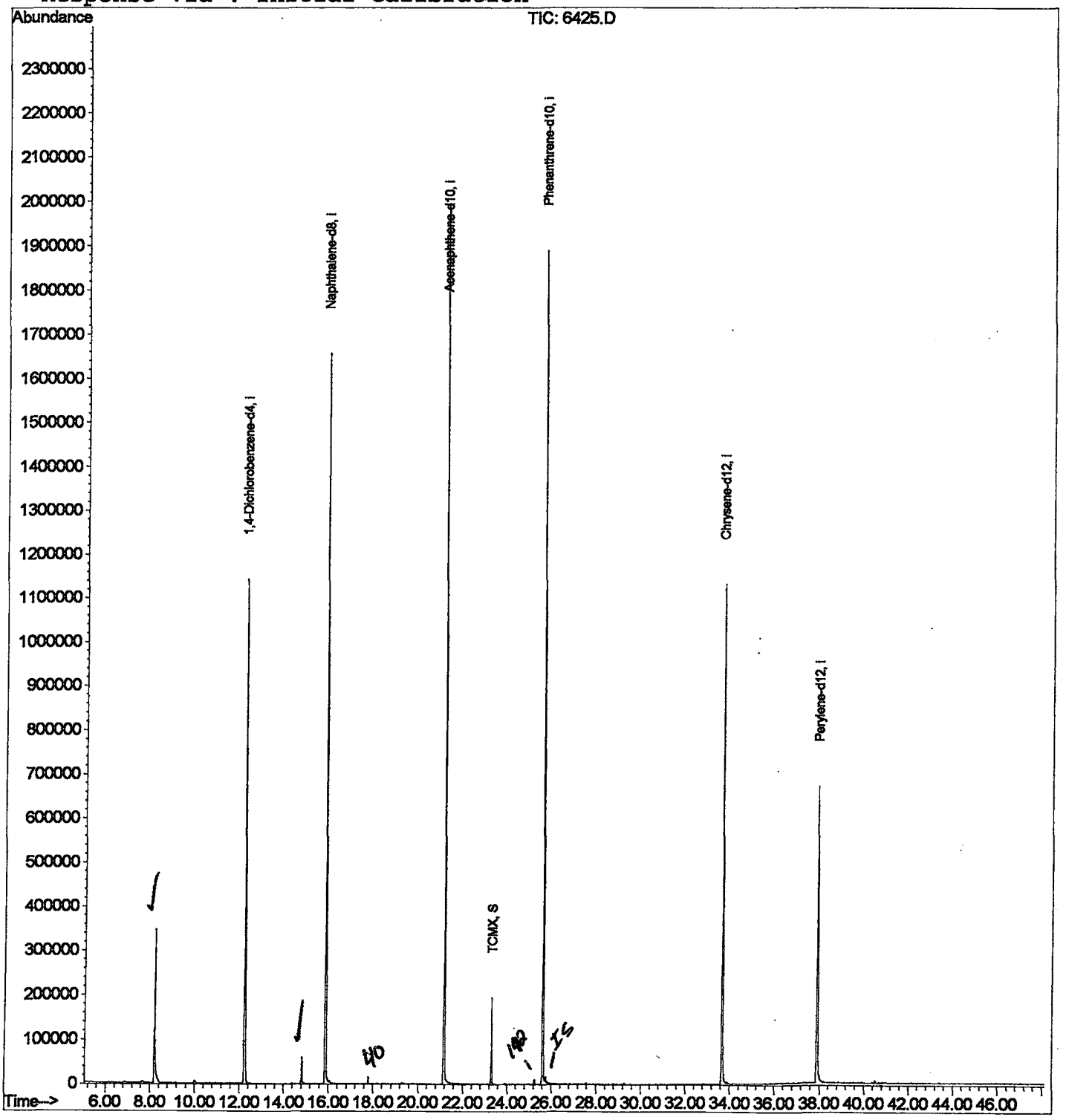
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.62	178	375	N.D.	
35) Anthracene	25.62	178	375	N.D.	
36) Di-n-butylphthalate	27.58	149	4803	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.10	149	216	N.D.	
42) Benzo(a)anthracene	33.67	228	1926	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.88	149	2725	N.D.	
44) Chrysene	33.67	228	1926	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	37.91	252	2307	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\APR1202\6425.D Vial: 10
Acq On : 15 Apr 2002 4:53 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:22 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\6425.D Vial: 10
Acq On : 15 Apr 2002 4:53 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

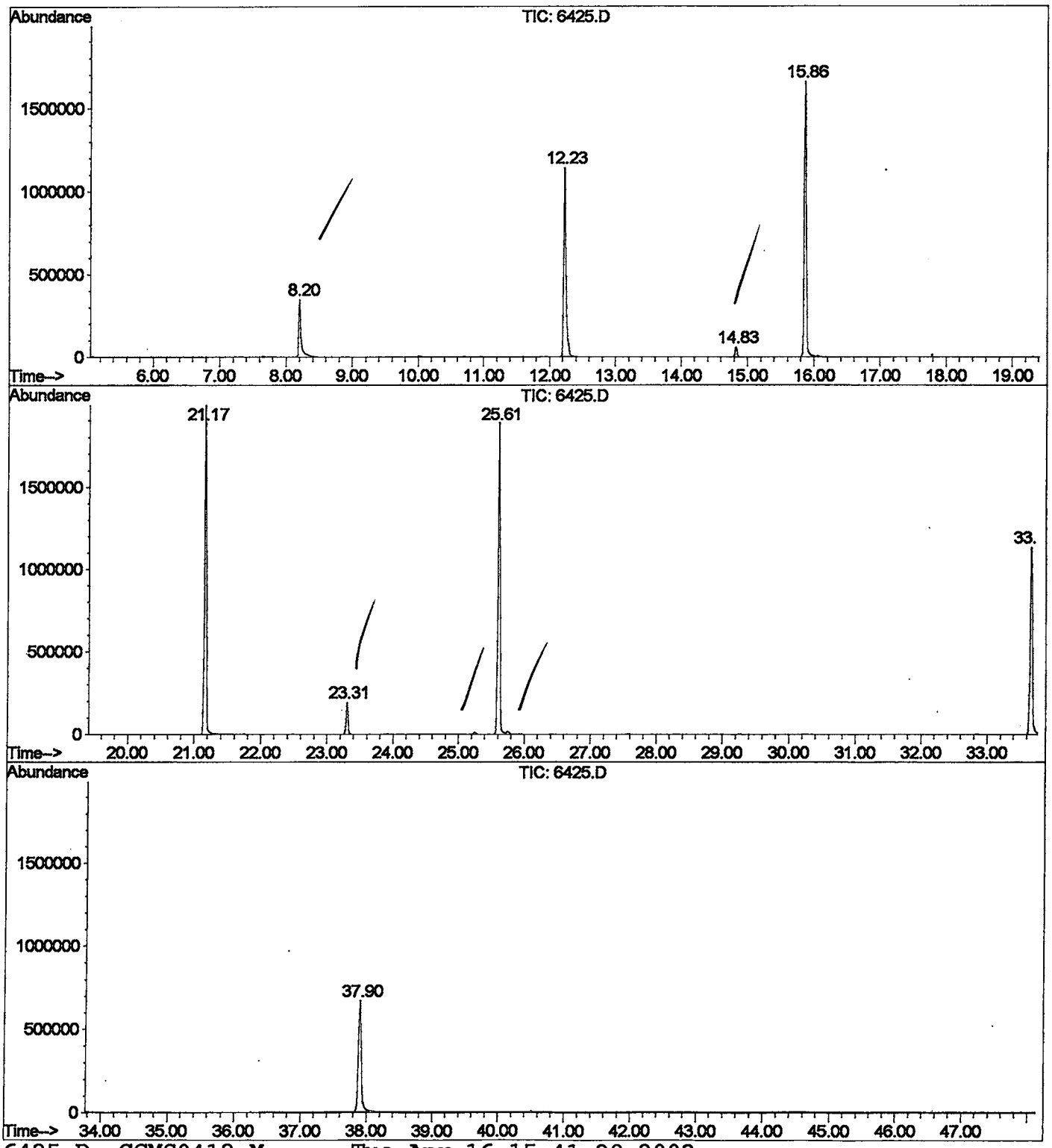
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.205	340	344	373	rVB	346299	841287	20.15%	4.085%
2	12.226	777	782	800	rVB	1141929	2790734	66.83%	13.552%
3	14.833	1060	1066	1072	rVB	59765	120630	2.89%	0.586%
4	15.861	1172	1178	1196	rBV	1655504	3605487	86.34%	17.509%
5	21.167	1750	1756	1777	rBV	1994816	4176152	100.00%	20.280%
6	23.306	1982	1989	1998	rBV	194236	384749	9.21%	1.868%
7	25.610	2233	2240	2251	rBV2	1888466	3975472	95.19%	19.306%
8	33.671	3111	3118	3138	rBV2	1133618	2707597	64.83%	13.149%
9	37.903	3571	3579	3595	rBV	669367	1990107	47.65%	9.664%

Sum of corrected areas: 20592215

6425.D GCMS0412.M Tue Apr 16 15:41:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\6425.D
Operator :
Acquired : 15 Apr 2002 4:53 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-extract
Misc Info :
Vial Number: 10
Quant File :GCMS0412.RES (RTE Integrator)



6425.D GCMS0412.M Tue Apr 16 15:41:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6425.D Vial: 10
Acq On : 15 Apr 2002 4:53 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

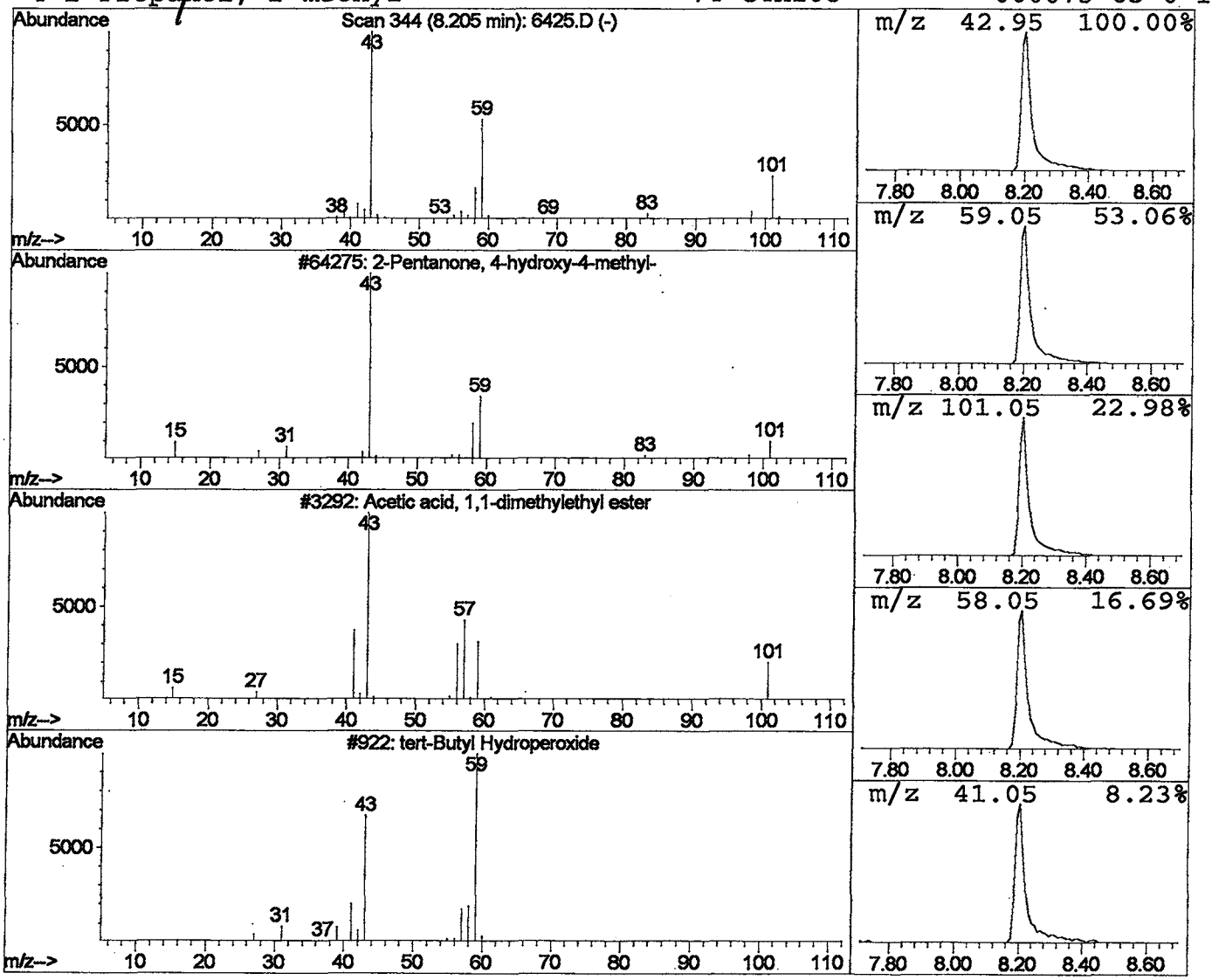
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	6.03 ug/l	841287	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	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6425.D Vial: 10
Acq On : 15 Apr 2002 4:53 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

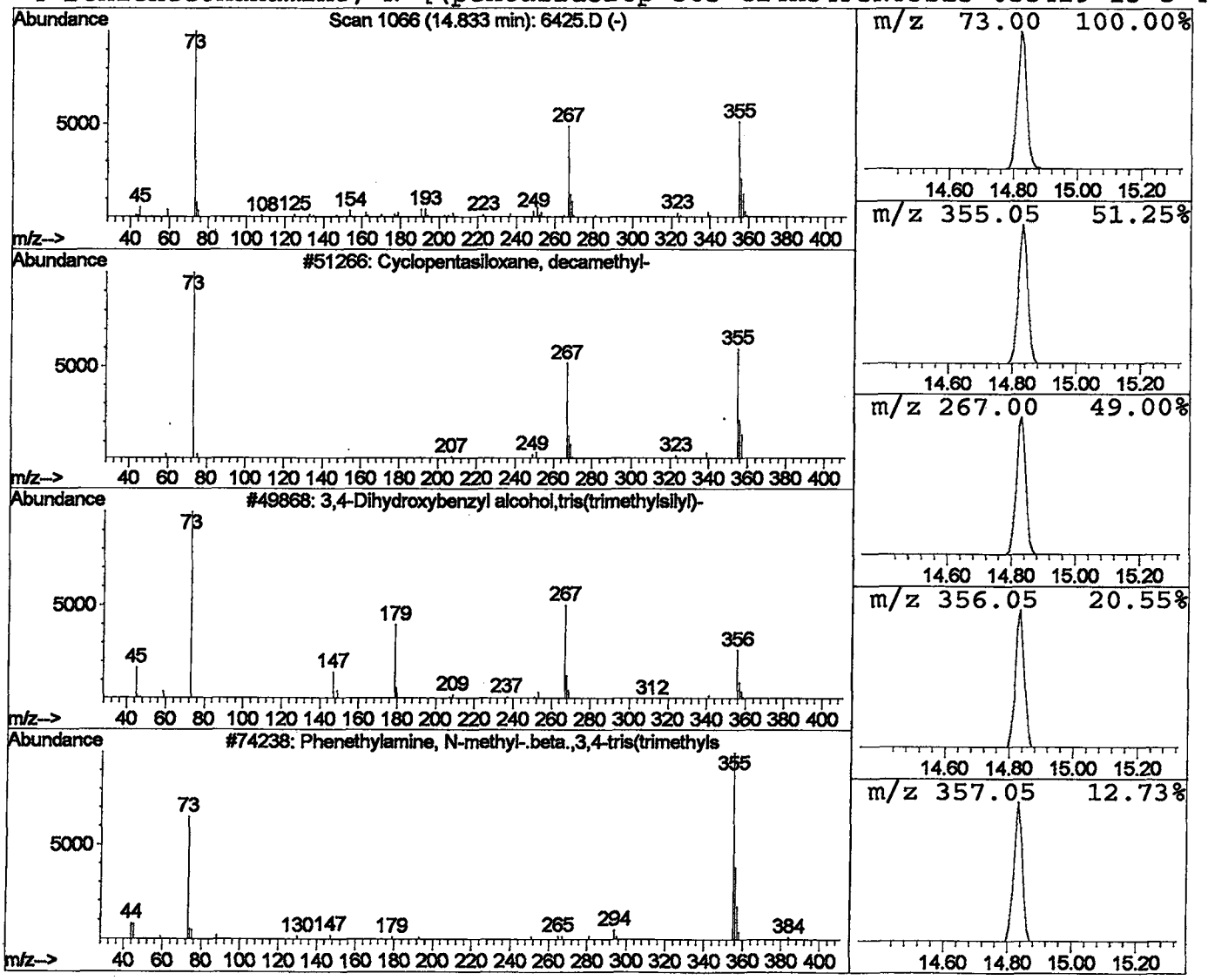
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.67 ug/l	120630	Naphthalene-d8	15.86

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	64
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	47



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 Apr 2002 4:53 pm
Data File: C:\HPCHEM\1\DATA\APR1202\6425.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	6.0	ug/l	841287	ISTD01	12.23	2790730	20.0
Cyclopentasiloxane,	14.83	0.7	ug/l	120630	ISTD02	15.86	3605490	20.0

6425.D GCMS0412.M Tue Apr 16 15:41:32 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\6425.D Vial: 11
Acq On : 5 Apr 2002 10:51 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:16 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	12.25	152	453507	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1638344	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	931363	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1275801	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	596611	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	312454	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	30.71	235	63561	~~5.41~~	ug/mL	0.21
Spiked Amount 5.000			Recovery	3.37	~~108.20%~~ 67%	
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	1195	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\6425.D Vial: 11
Acq On : 5 Apr 2002 10:51 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:16 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

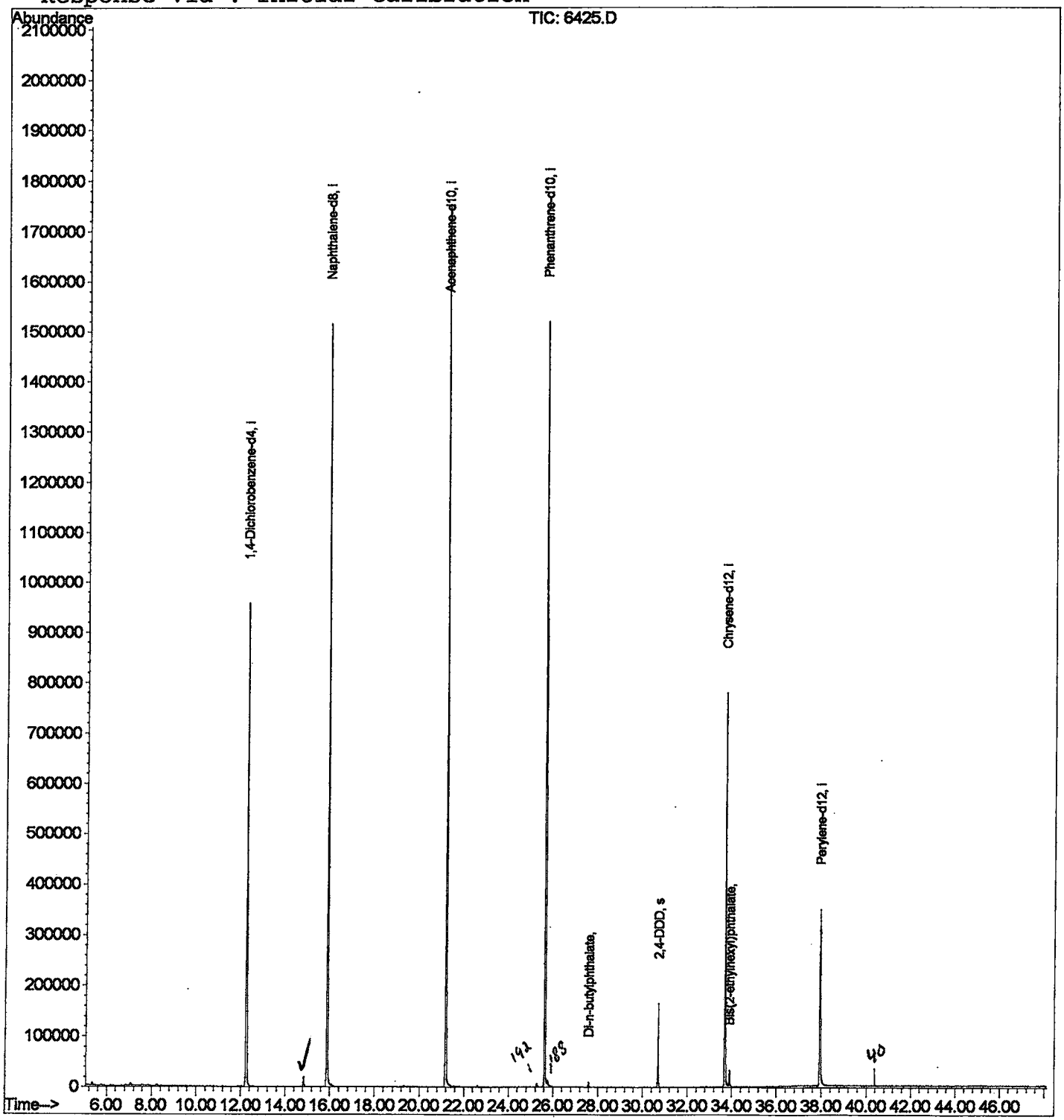
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.62	178	195	N.D.	
35) Anthracene	25.62	178	195	N.D.	
36) Di-n-butylphthalate	27.60	149	13203	0.25 ug/l #	97
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.69	228	1142	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.90	149	24705	1.40 ug/l	97
44) Chrysene	33.69	228	1142	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	36.44	252	100	N.D.	
49) Benzo(a)pyrene	37.93	252	1239	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\6425.D Vial: 11
Acq On : 5 Apr 2002 10:51 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:16 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\6425.D Vial: 11
Acq On : 5 Apr 2002 10:51 pm 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

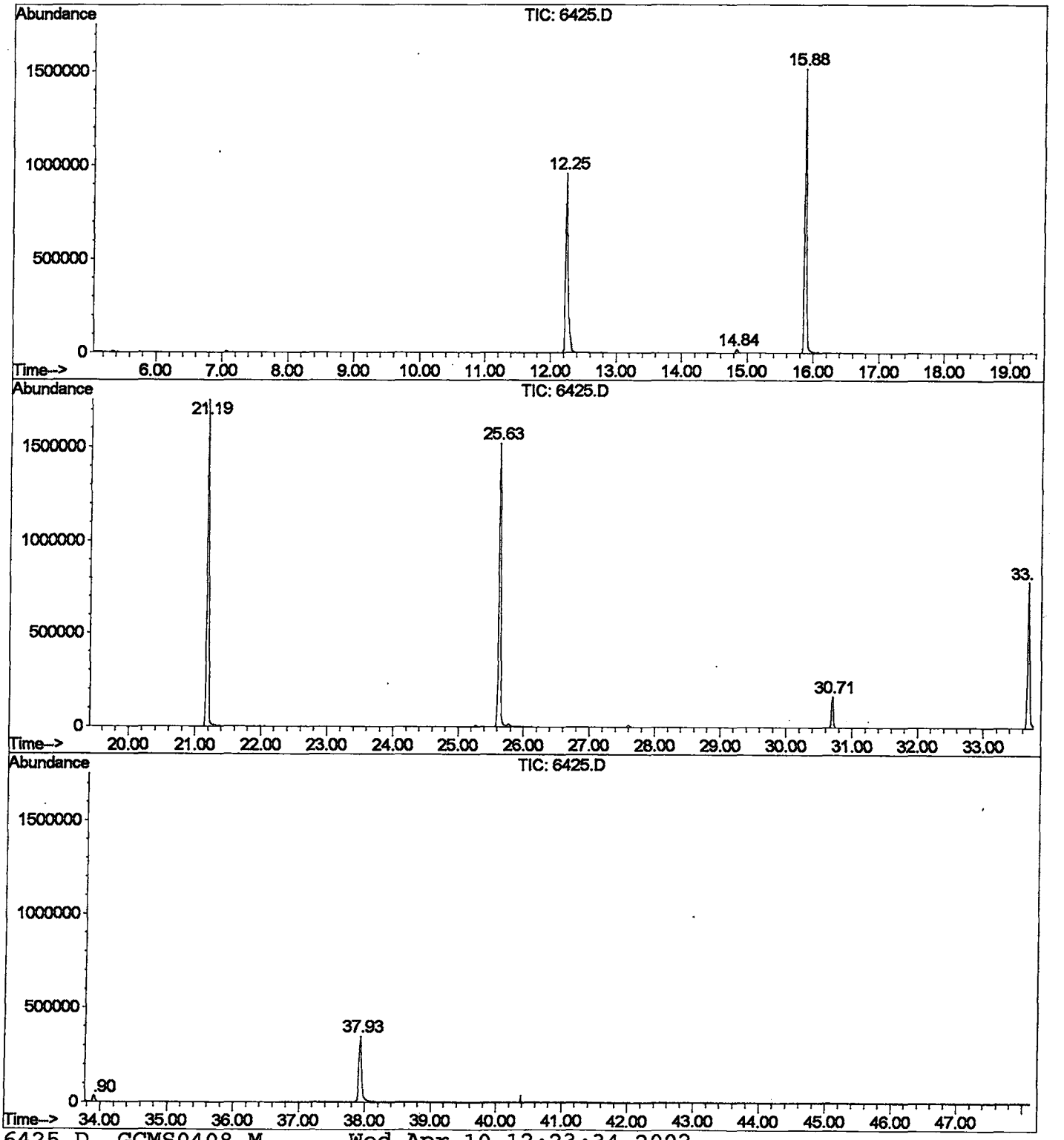
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.246	778	784	803	rBV	955975	2429141	69.07%	15.715%
2	14.844	1062	1067	1073	rBV	20632	40496	1.15%	0.262%
3	15.881	1174	1180	1197	rBV	1515161	3099047	88.12%	20.048%
4	21.187	1752	1758	1772	rBV	1753417	3516923	100.00%	22.752%
5	25.630	2235	2242	2254	rBV2	1521059	3196046	90.88%	20.676%
6	30.707	2790	2795	2801	rVB	164931	307856	8.75%	1.992%
7	33.691	3112	3120	3139	rBV	780686	1729548	49.18%	11.189%
8	33.902	3139	3143	3153	rVB	33188	81625	2.32%	0.528%
9	37.932	3574	3582	3596	rBV2	348458	1057209	30.06%	6.839%

Sum of corrected areas: 15457891

6425.D GCMS0408.M Wed Apr 10 12:23:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\6425.D
Operator :
Acquired : 5 Apr 2002 10:51 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 11
Quant File :GCMS0408.RES (RTE Integrator)



6425.D GCMS0408.M Wed Apr 10 12:23:34 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6425.D Vial: 11
Acq On : 5 Apr 2002 10:51 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

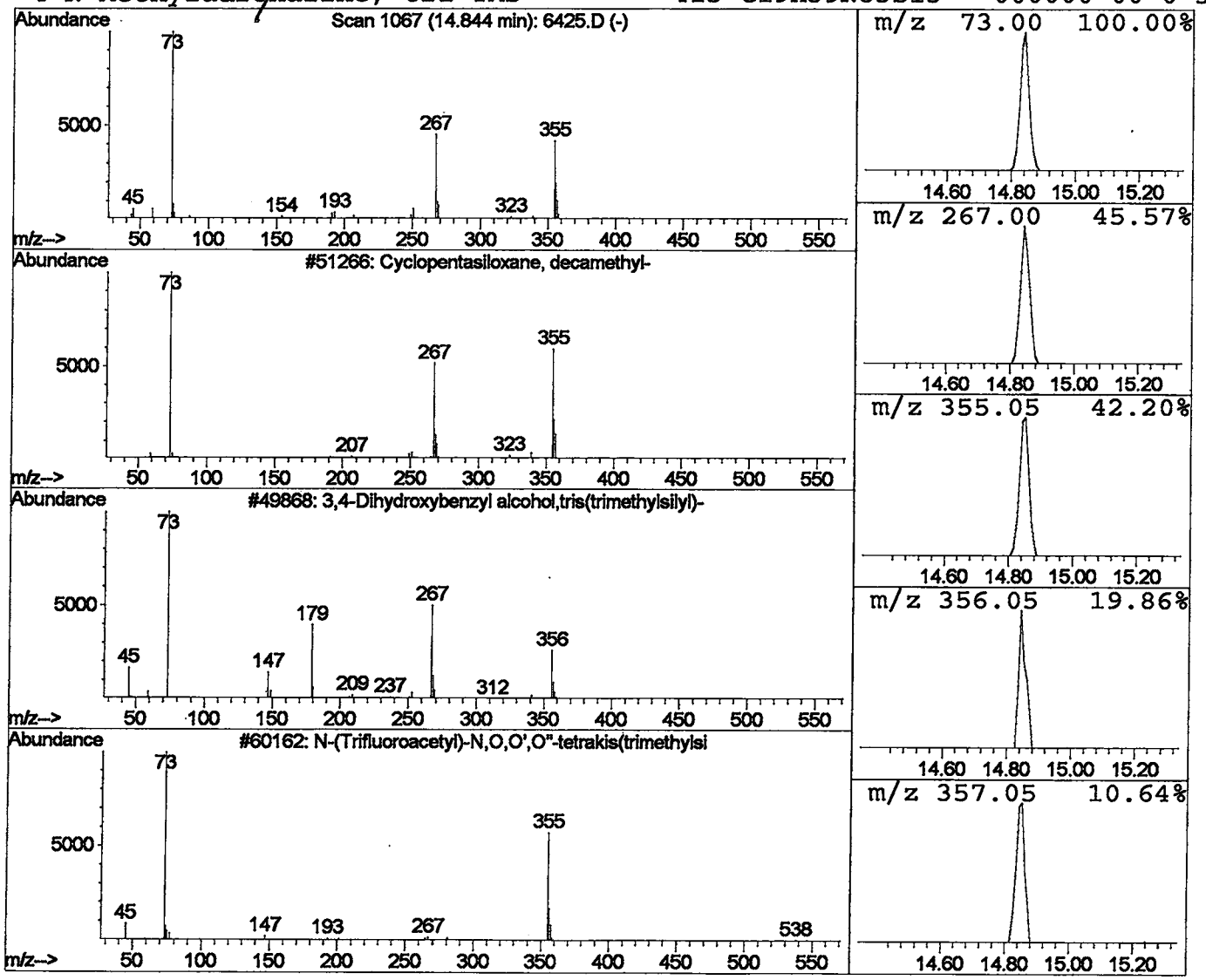
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	0.26 ug/l	40496	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	58
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	37
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	33



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Apr 2002 10:51 pm
Data File: C:\HPCHEM\1\DATA\APR0405\6425.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,~~	14.84	0.3	ug/l	40496	ISTD02	15.88	3099050	20.0

6425.D GCMS0408.M Wed Apr 10 12:23:35 2002