User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 15:43:15

Sample: AE08760
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 15:42 Ended: 4/25/02 15:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE08760 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 15:43:56

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\APR2202\8760.D Vial: 22
Acq On : 23 Apr 2002 5:37 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:36 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	499081	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1822417	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1035944	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1514265	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	972510	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	609435	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	43841	8.44	ug/L	-0.05
Spiked Amount 10.000			Recovery = 84.40%			
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	15.89	128	431	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	21.47	165	170	N.D.		
25) Diethylphthalate	22.62	149	819	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

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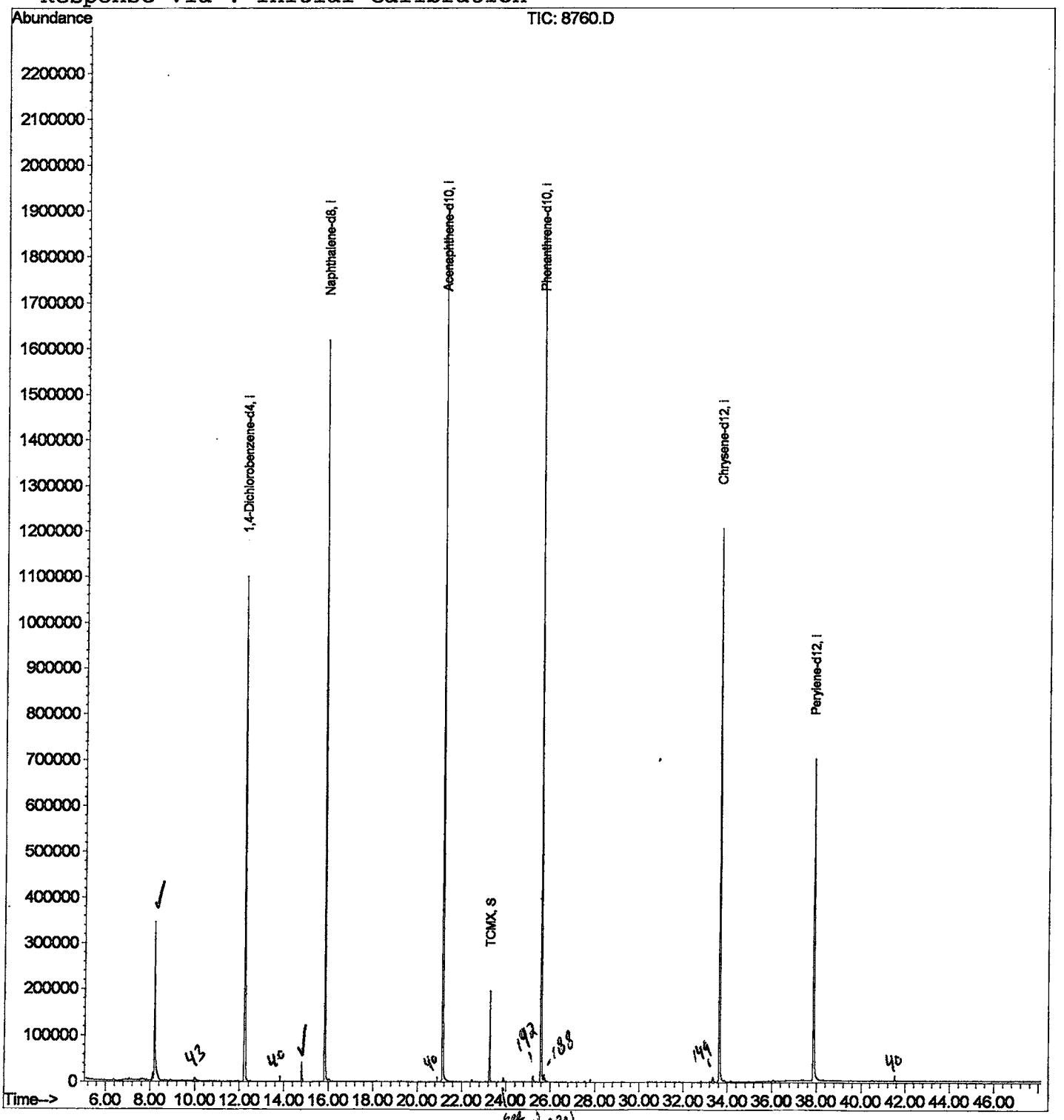
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.65	178	198	N.D.	
35) Anthracene	25.65	178	198	N.D.	
36) Di-n-butylphthalate	27.55	149	4778	N.D.	
37) Fluoranthene	29.28	202	337	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	2092	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	2800	N.D.	
44) Chrysene	33.65	228	2092	N.D.	
46) Di-n-Octylphthalate	36.06	149	1436	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	37.87	252	2265	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

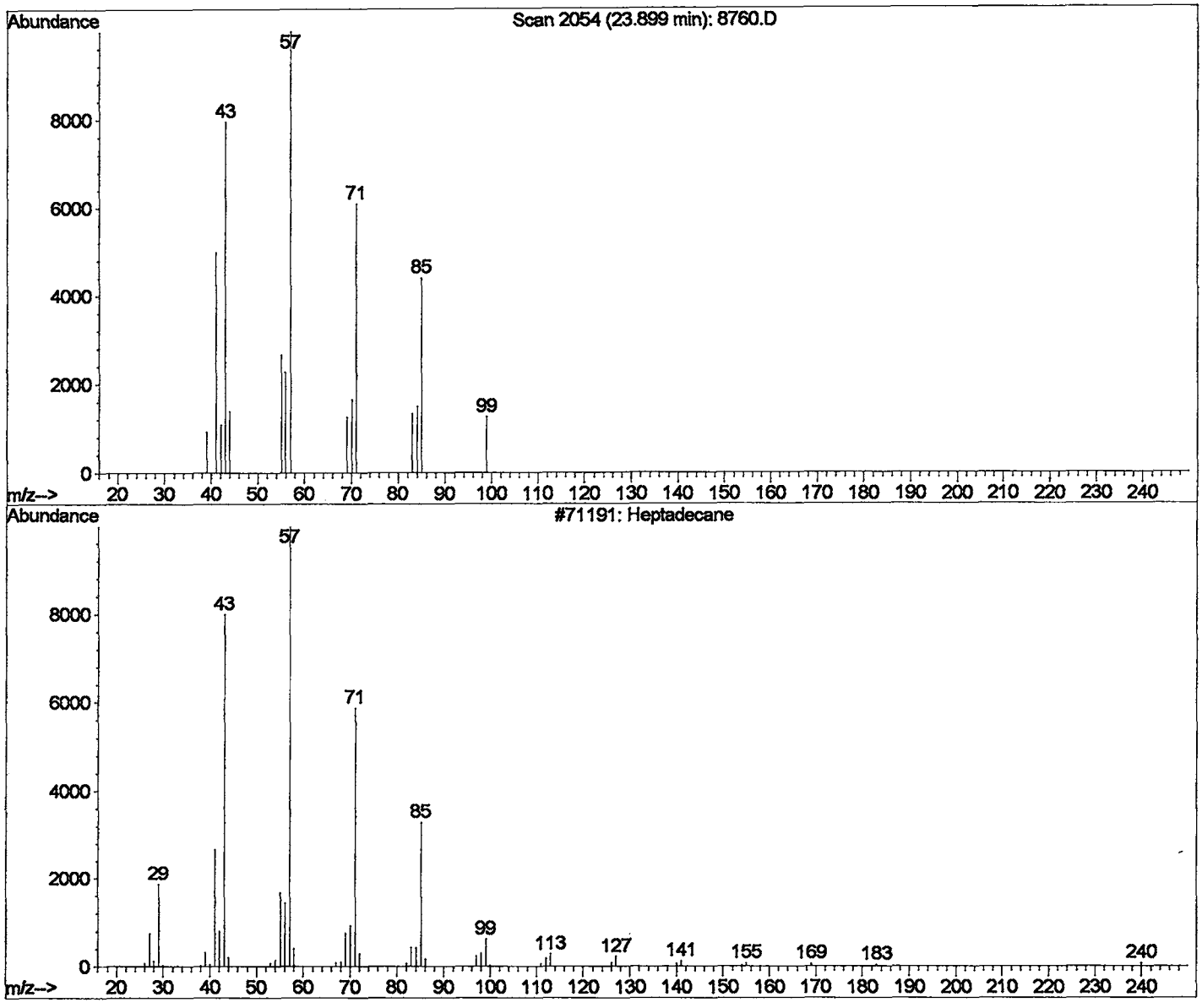
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\8760.D Vial: 22
Acq On : 23 Apr 2002 5:37 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:36 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



Library Searched : C:\DATABASE\nbs75k.l
Quality : 50
ID : Heptadecane



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8760.D Vial: 22
Acq On : 23 Apr 2002 5:37 am Operator:
Sample : gc/ms scan 4/12 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

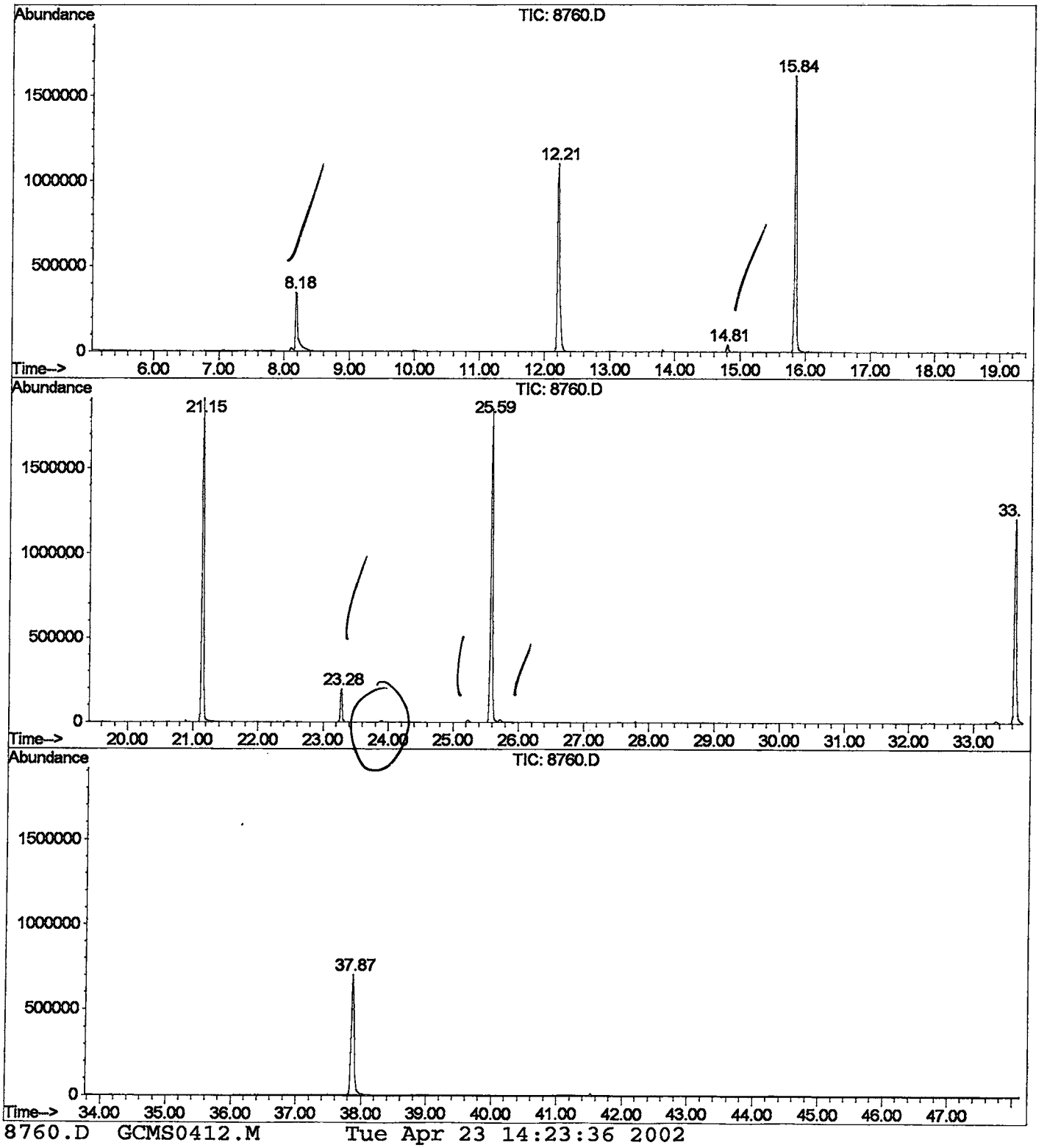
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.182	339	342	372	rVB	343634	902416	22.92%	4.490%
2	12.213	775	781	800	rVB	1098584	2689279	68.31%	13.381%
3	14.811	1059	1064	1070	rVB	42697	79628	2.02%	0.396%
4	15.839	1170	1176	1191	rBV	1618468	3437753	87.32%	17.106%
5	21.145	1748	1754	1769	rBV	1915960	3936789	100.00%	19.589%
6	23.284	1981	1987	1992	rBV	195702	382103	9.71%	1.901%
7	25.588	2231	2238	2248	rBV2	1852179	3784940	96.14%	18.833%
8	33.639	3106	3115	3133	rBV2	1206989	2810075	71.38%	13.983%
9	37.872	3568	3576	3597	rBV2	699031	2074074	52.68%	10.320%

Sum of corrected areas: 20097057

8760.D GCMS0412.M Tue Apr 23 14:23:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8760.D
Operator :
Acquired : 23 Apr 2002 5:37 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/12
Misc Info :
Vial Number: 22
Quant File :GCMS0412.RES (RTE Integrator)



8760.D GCMS0412.M Tue Apr 23 14:23:36 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8760.D Vial: 22
Acq On : 23 Apr 2002 5:37 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

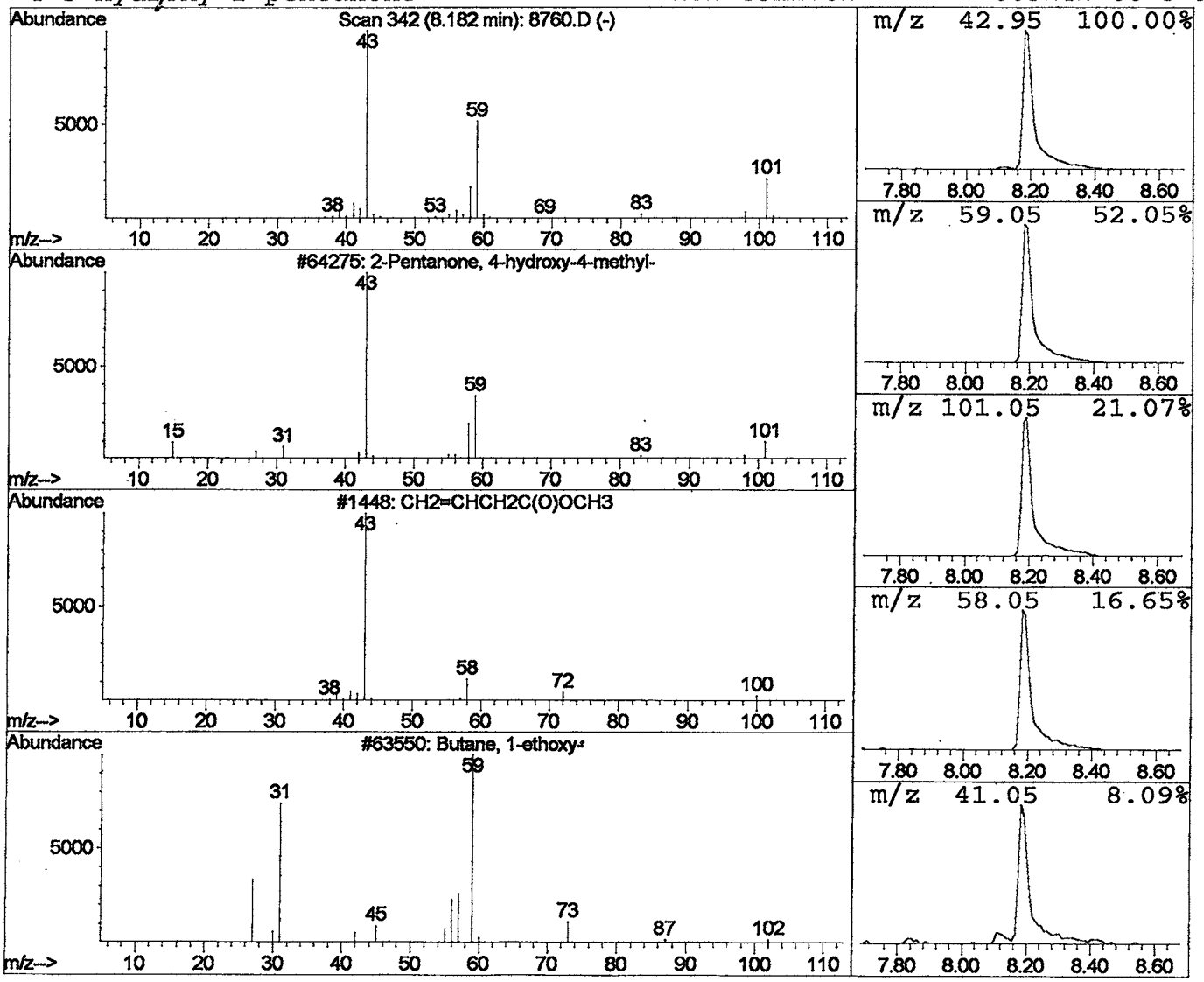
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.71 ug/l	902416	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8760.D Vial: 22
Acq On : 23 Apr 2002 5:37 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

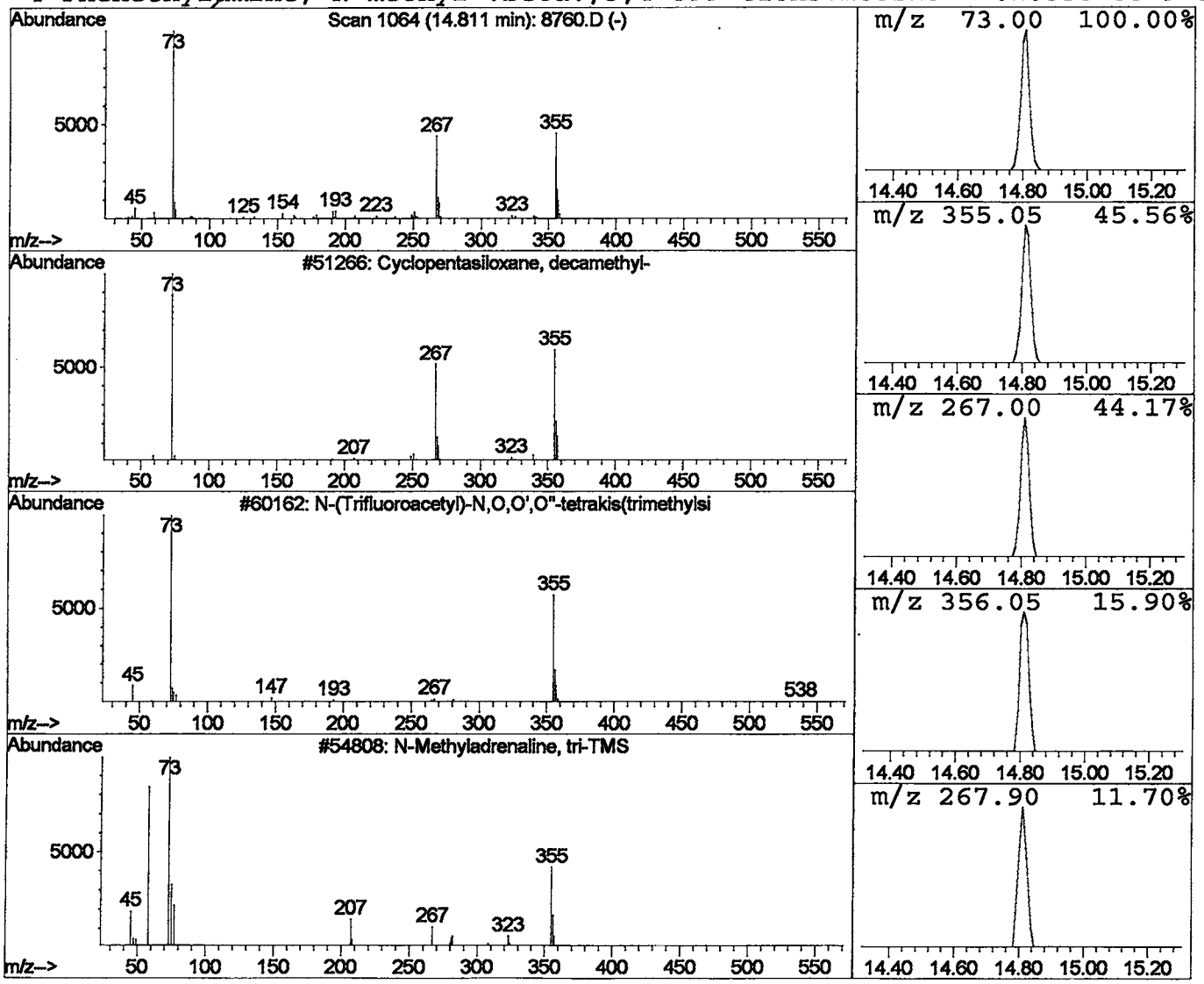
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.46 ug/l	79628	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	68
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47
3	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	40
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 5:37 am
Data File: C:\HPCHEM\1\DATA\APR2202\8760.D
Name: gc/ms scan 4/12
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	8.18	6.7	ug/l	902416	ISTD01	12.21	2689280	20.0
Cyclopentasiloxane,	14.81	0.5	ug/l	79628	ISTD02	15.85	3437750	20.0

8760.D GCMS0412.M Tue Apr 23 14:23:38 2002