User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 15:54:09

Sample: AE08836
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 15:53 Ended: 4/25/02 15:53 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE08836 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 15:54:33

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\8836.D Vial: 28
Acq On : 23 Apr 2002 11:57 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 14:19 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	465552	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1700138	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	967588	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1398596	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	878495	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	532099	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	41693	8.60	ug/L	-0.05
Spiked Amount 10.000			Recovery = 86.00%			
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	14.05	82	109	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	15.90	128	711	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	22.63	149	244	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)

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Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

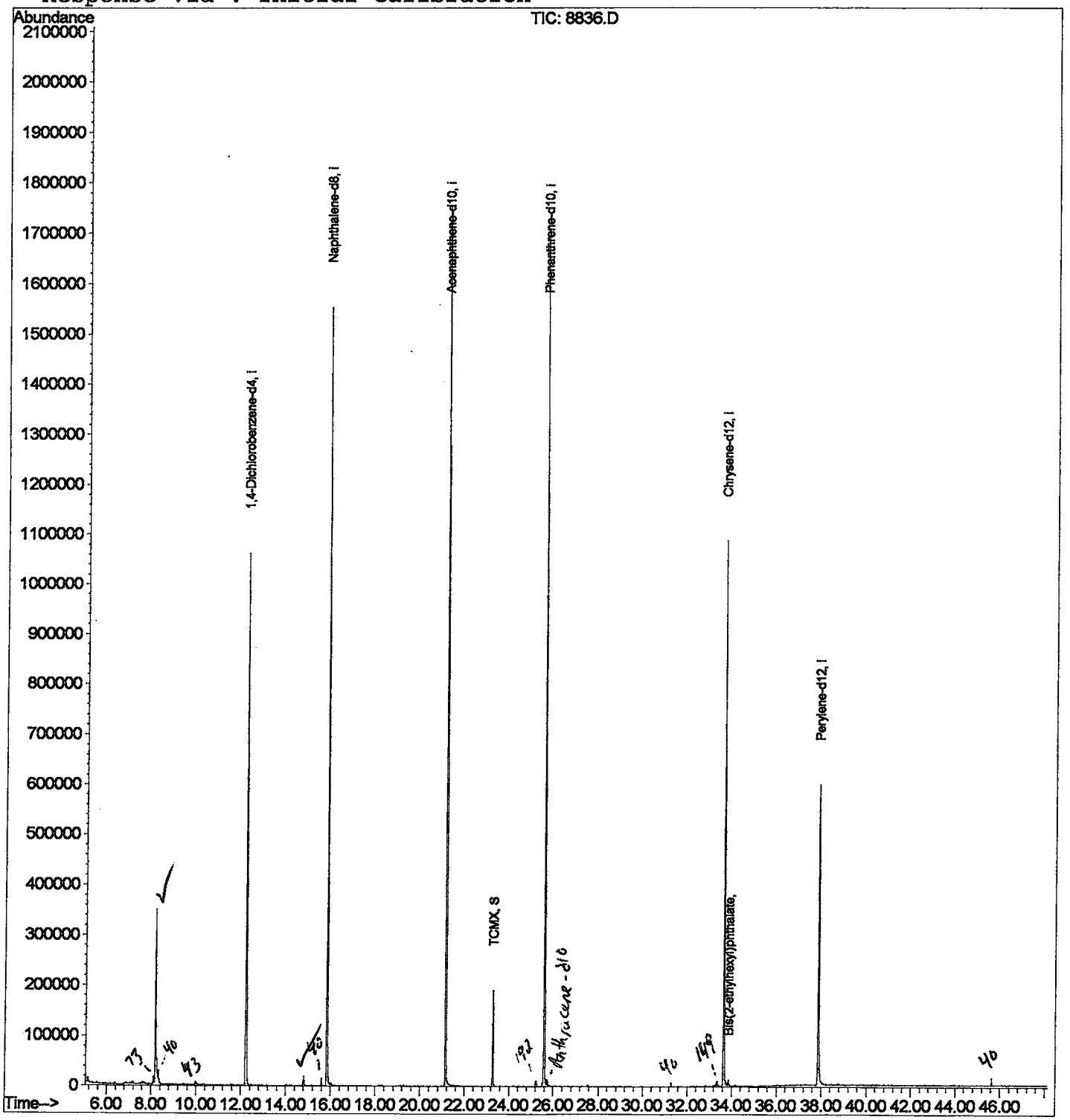
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.65	178	753	N.D.	
35)	Anthracene	25.65	178	753	N.D.	
36)	Di-n-butylphthalate	27.55	149	3916	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2041	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	8683	0.39 ug/l	97
44)	Chrysene	33.64	228	2041	N.D.	
46)	Di-n-Octylphthalate	36.07	149	984	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	2048	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\8836.D Vial: 28
Acq On : 23 Apr 2002 11:57 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 14:19 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8836.D Vial: 28
Acq On : 23 Apr 2002 11:57 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

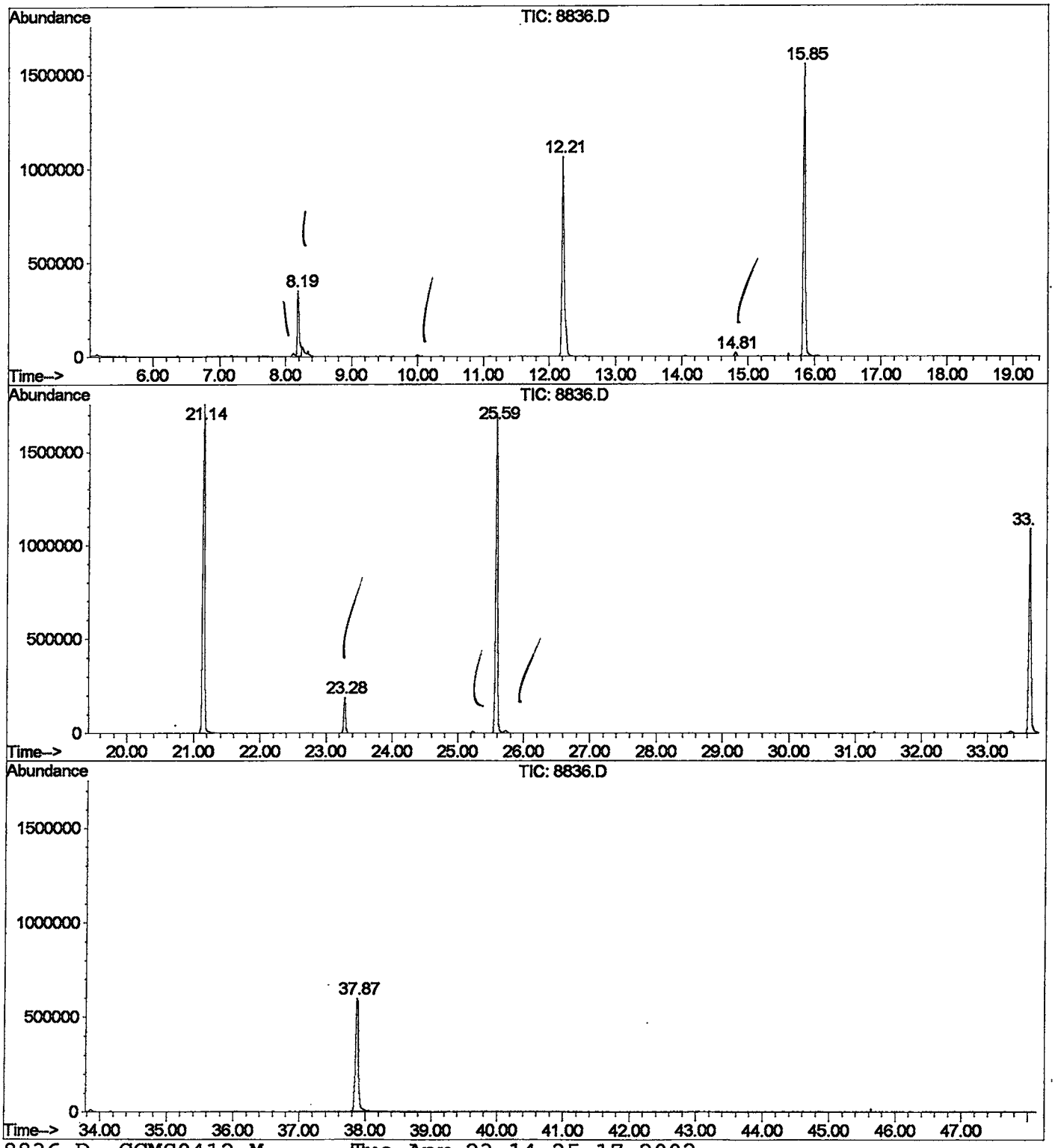
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.191	339	343	348	rBV	345612	696961	19.07%	3.813%
2	12.212	776	781	796	rVB	1060026	2491814	68.19%	13.632%
3	14.810	1059	1064	1069	rBV	20078	36856	1.01%	0.202%
4	15.847	1171	1177	1194	rBV	1552275	3209234	87.82%	17.557%
5	21.144	1748	1754	1769	rBV	1756920	3654335	100.00%	19.992%
6	23.283	1980	1987	1992	rBV	190892	370447	10.14%	2.027%
7	25.587	2231	2238	2249	rBV2	1709028	3498762	95.74%	19.141%
8	33.648	3109	3116	3130	rBV2	1087068	2518639	68.92%	13.779%
9	37.871	3568	3576	3597	rBV2	596769	1802131	49.31%	9.859%

Sum of corrected areas: 18279179

8836.D GCMS0412.M Tue Apr 23 14:25:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8836.D
Operator :
Acquired : 23 Apr 2002 11:57 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/12
Misc Info :
Vial Number: 28
Quant File :GCMS0412.RES (RTE Integrator)



8836.D GCMS0412.M Tue Apr 23 14:25:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8836.D Vial: 28
Acq On : 23 Apr 2002 11:57 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

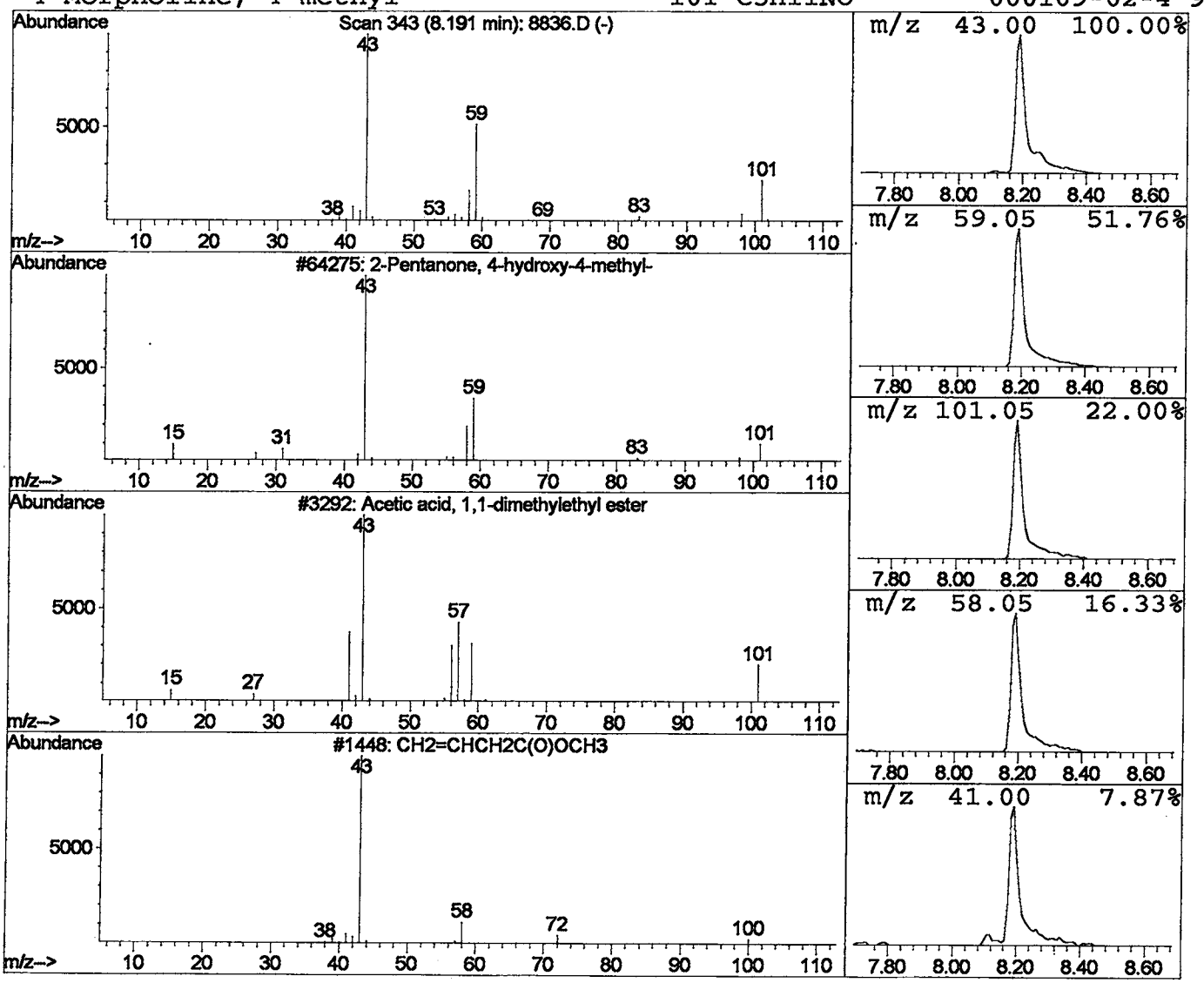
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.59 ug/l	696961	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8836.D Vial: 28
Acq On : 23 Apr 2002 11:57 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

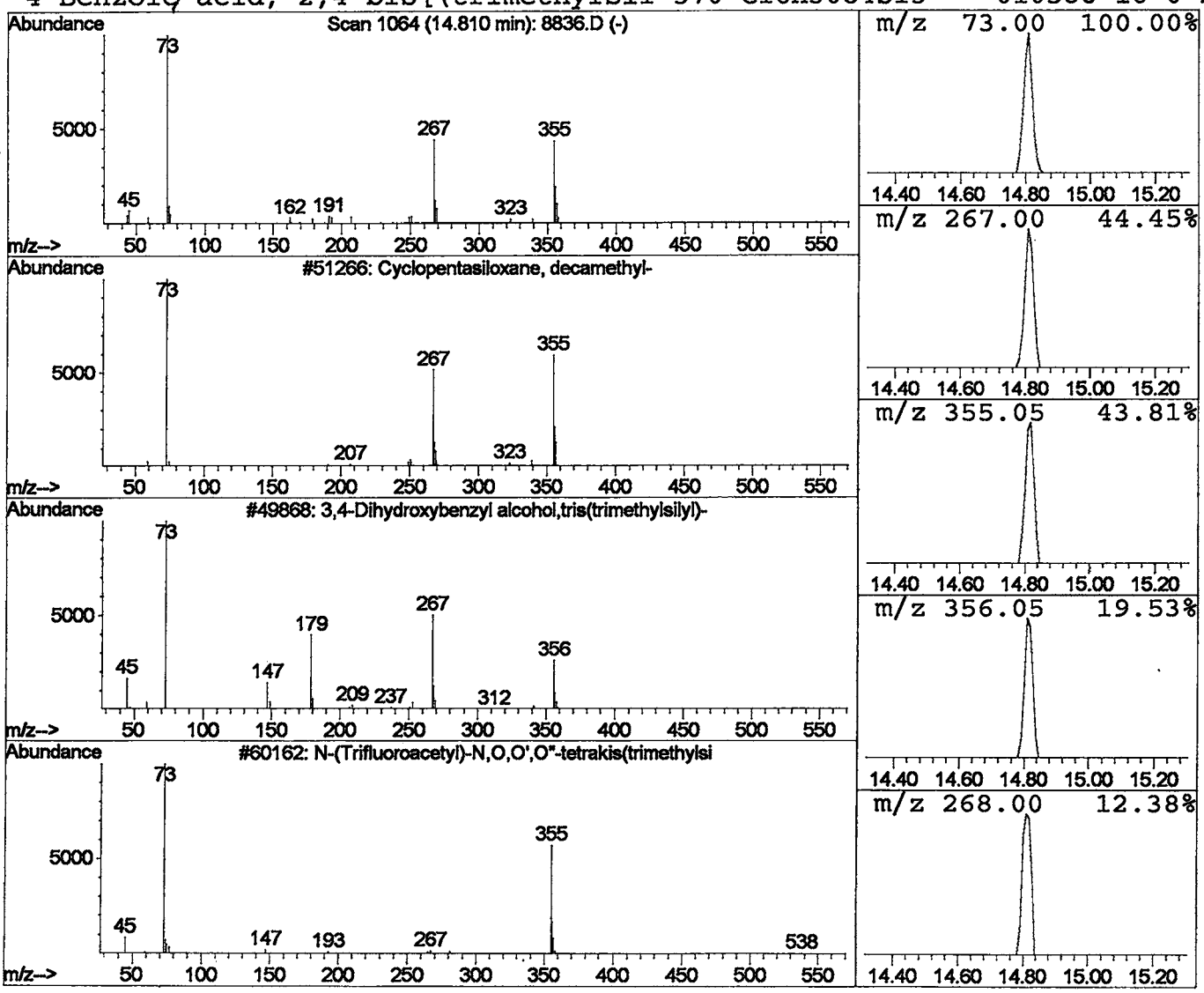
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.23 ug/l	36856	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
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	38
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 11:57 am
Data File: C:\HPCHEM\1\DATA\APR2202\8836.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	8.19	5.6	ug/l	696961	ISTD01	12.21	2491810	20.0
Cyclopentasiloxane,	14.81	0.2	ug/l	36856	ISTD02	15.85	3209230	20.0

8836.D GCMS0412.M Tue Apr 23 14:25:20 2002