User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:13:50

Sample: AE08683
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 14:10 Ended: 4/23/02 14:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE08683 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 14:14:16

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\8683.D Vial: 15
Acq On : 15 Apr 2002 9:48 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:36 2002 Quant Results File: GCMS0412.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	480221	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1758636	20.00	ug/l	0.00
17) Acenaphthene-d10	21.17	164	1015135	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1471963	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	911667	20.00	ug/l	0.00
45) Perylene-d12	37.90	264	595101	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.31	209	41056	8.07	ug/L	-0.02
Spiked Amount 10.000			Recovery = 80.70%			
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	14.58	82	501	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	15.92	128	766	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	22.64	149	855	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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Last Update : Tue Apr 16 14:55:12 2002
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DataAcq Meth : GCMS0412

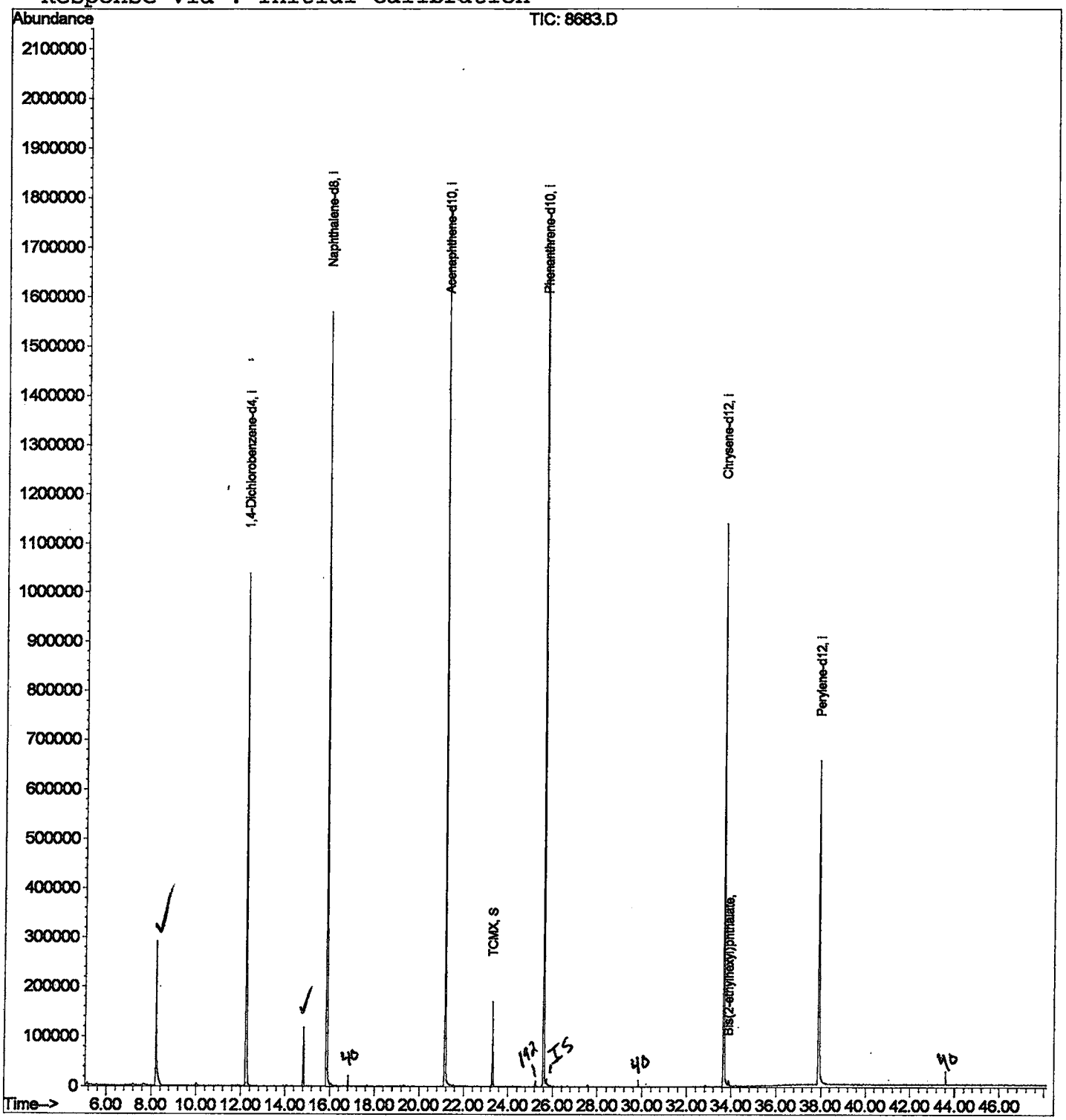
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.62	178	462	N.D.	
35)	Anthracene	25.62	178	462	N.D.	
36)	Di-n-butylphthalate	27.58	149	6059	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.11	149	224	N.D.	
42)	Benzo(a)anthracene	33.68	228	1923	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.89	149	6844	0.30 ug/l	98
44)	Chrysene	33.68	228	1923	N.D.	
46)	Di-n-Octylphthalate	35.63	149	467	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	37.92	252	2179	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\8683.D Vial: 15
Acq On : 15 Apr 2002 9:48 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:36 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\8683.D Vial: 15
Acq On : 15 Apr 2002 9:48 pm Operator:
Sample : gc/ms scan 4/11 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

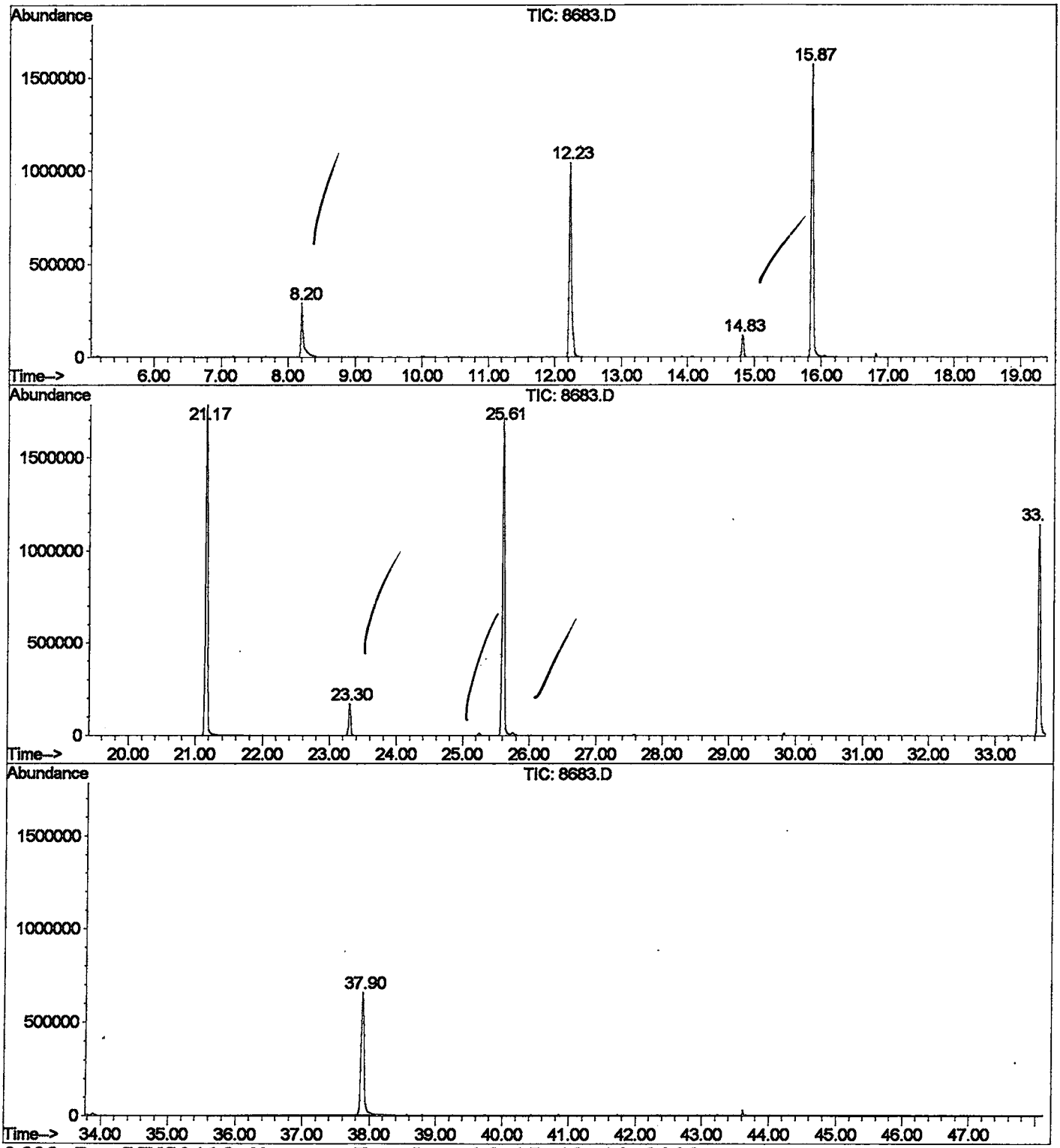
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.200	340	344	376	rVB	290877	747432	19.36%	3.835%
2	12.231	777	783	799	rVB	1038079	2573665	66.67%	13.206%
3	14.829	1059	1066	1073	rBV	117662	228646	5.92%	1.173%
4	15.866	1173	1179	1196	rBV	1568836	3326104	86.17%	17.067%
5	21.172	1750	1757	1772	rBV	1783446	3860092	100.00%	19.807%
6	23.302	1982	1989	1997	rBV	169915	359912	9.32%	1.847%
7	25.606	2233	2240	2251	rBV2	1710255	3708782	96.08%	19.031%
8	33.667	3111	3118	3138	rBV	1140629	2653727	68.75%	13.617%
9	37.899	3571	3579	3600	rBV2	653468	2029794	52.58%	10.416%

Sum of corrected areas: 19488154

8683.D GCMS0412.M Tue Apr 16 15:42:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8683.D
Operator :
Acquired : 15 Apr 2002 9:48 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 15
Quant File :GCMS0412.RES (RTE Integrator)



8683.D GCMS0412.M Tue Apr 16 15:42:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8683.D
Acq On : 15 Apr 2002 9:48 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00

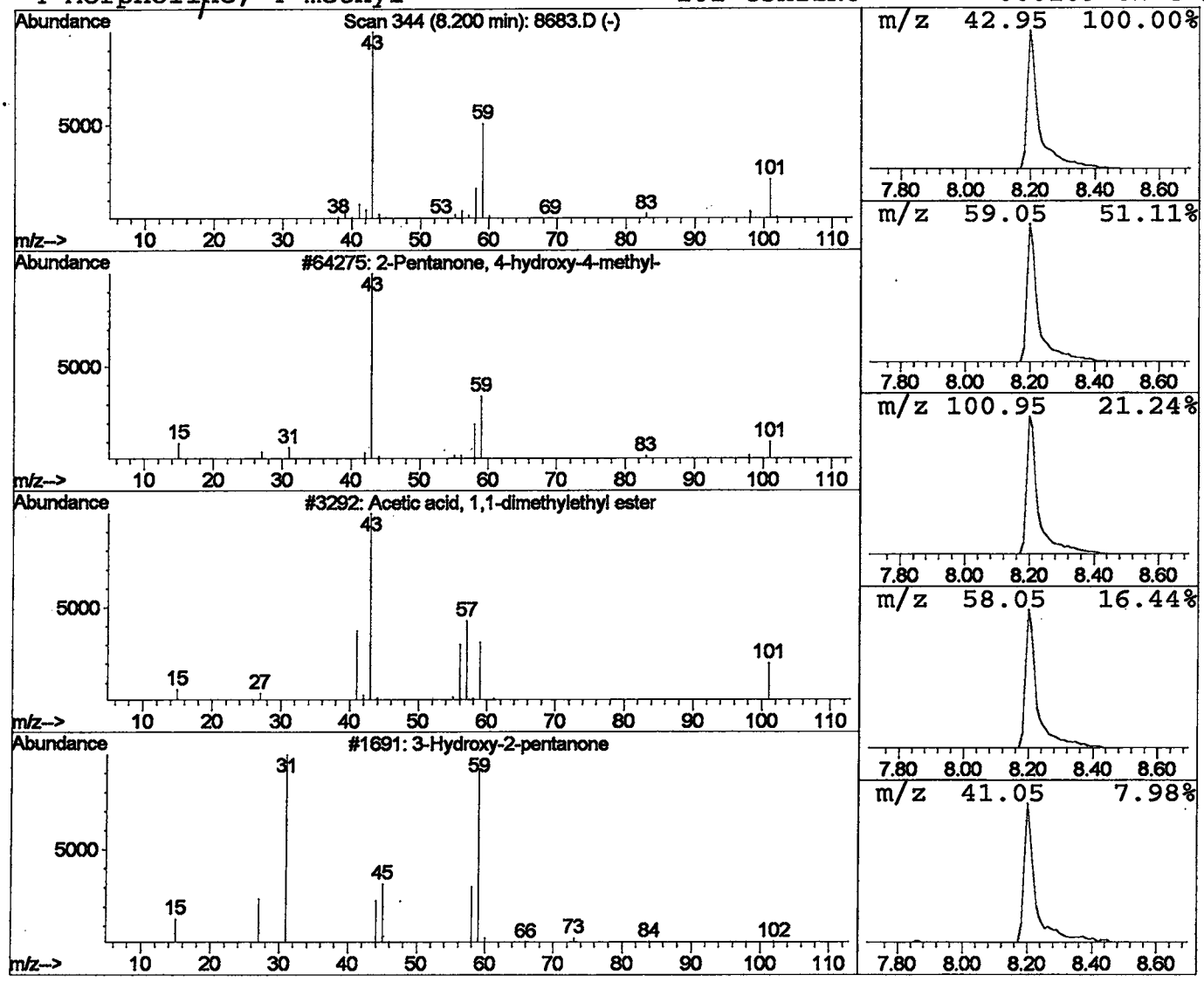
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	5.81 ug/l	747432	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8683.D Vial: 15
Acq On : 15 Apr 2002 9:48 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

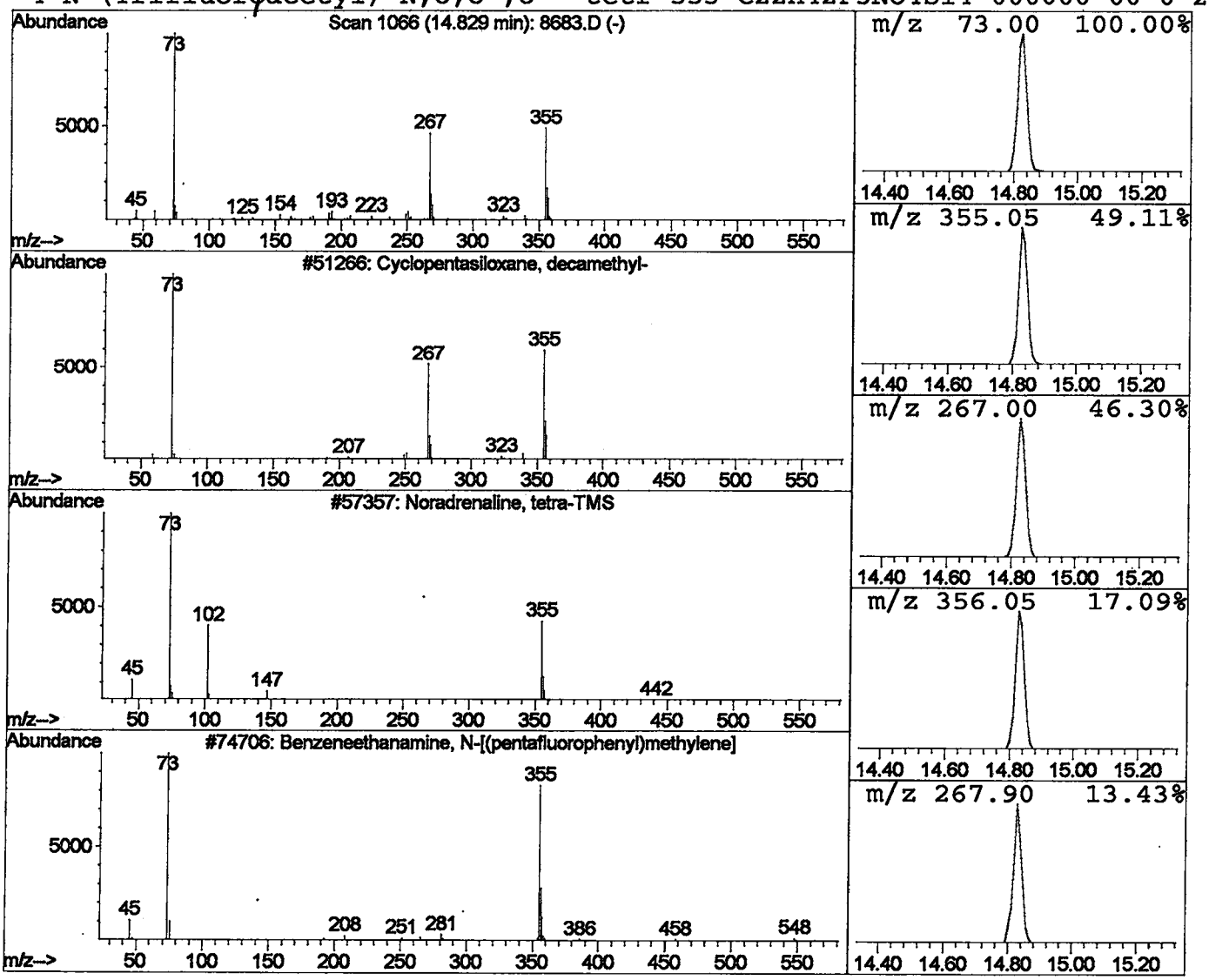
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	1.37 ug/l	228646	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 Apr 2002 9:48 pm
Data File: C:\HPCHEM\1\DATA\APR1202\8683.D
Name: gc/ms scan 4/11
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	747432	ISTD01	12.23	2573670	20.0
Cyclopentasiloxane,	14.83	1.4	ug/l	228646	ISTD02	15.87	3326100	20.0

8683.D GCMS0412.M Tue Apr 16 15:42:46 2002