User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:07:57

Sample: AE08682
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 14:07 Ended: 4/23/02 14:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE08682 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 14:08:53

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\8682.D Vial: 14
Acq On : 15 Apr 2002 8:49 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:35 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	471412	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1741391	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	993800	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1436316	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	891683	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	594359	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	44121	8.86	ug/L	-0.02
Spiked Amount 10.000			Recovery = 88.60%			
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	15.92	128	213	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	661	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 : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

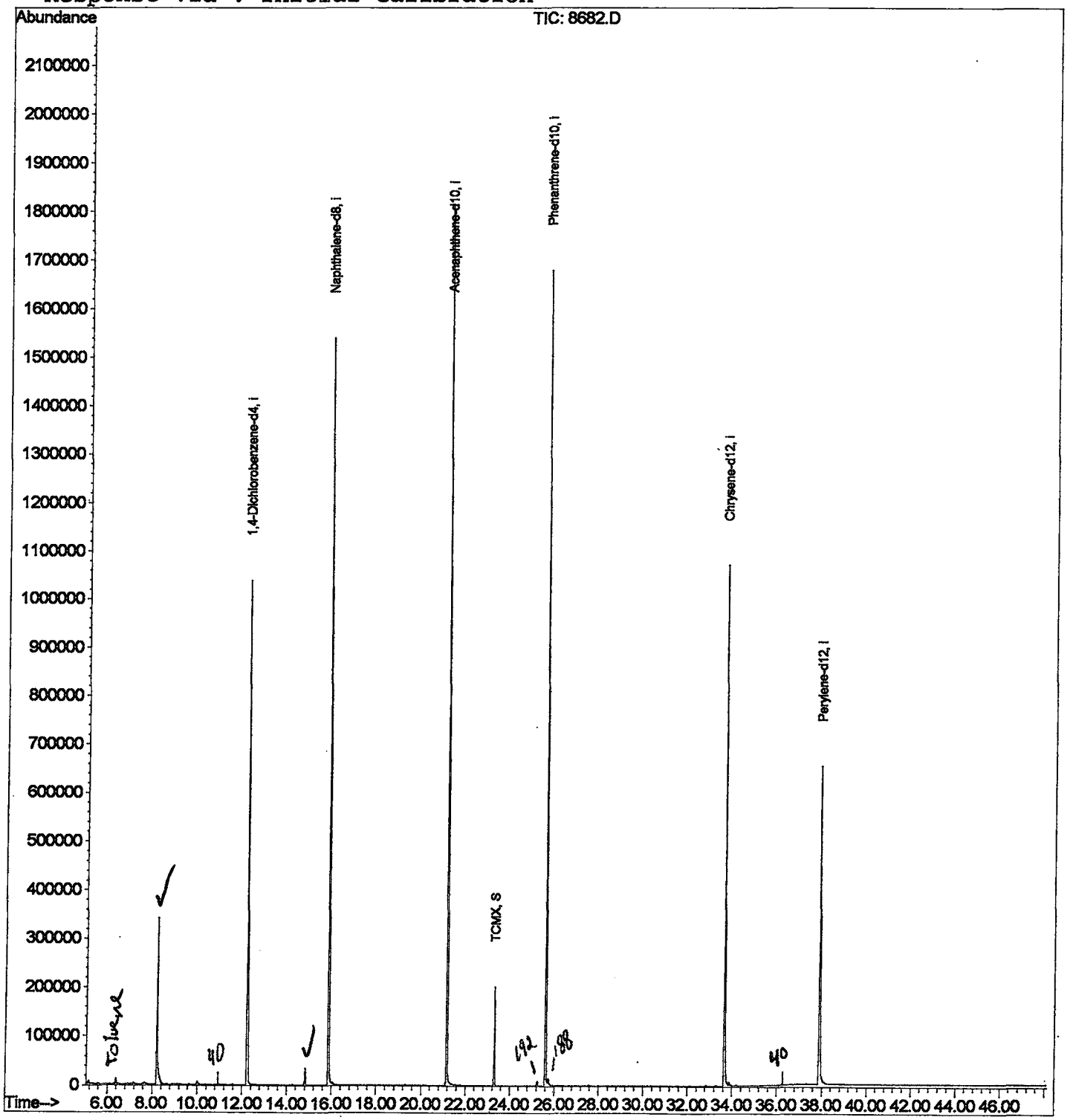
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.61	178	404	N.D.	
35)	Anthracene	25.61	178	404	N.D.	
36)	Di-n-butylphthalate	27.58	149	3107	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.67	228	2032	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.87	149	5153	N.D.	
44)	Chrysene	33.67	228	2032	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	37.90	252	2105	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\8682.D Vial: 14
Acq On : 15 Apr 2002 8:49 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:35 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\8682.D Vial: 14
Acq On : 15 Apr 2002 8:49 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

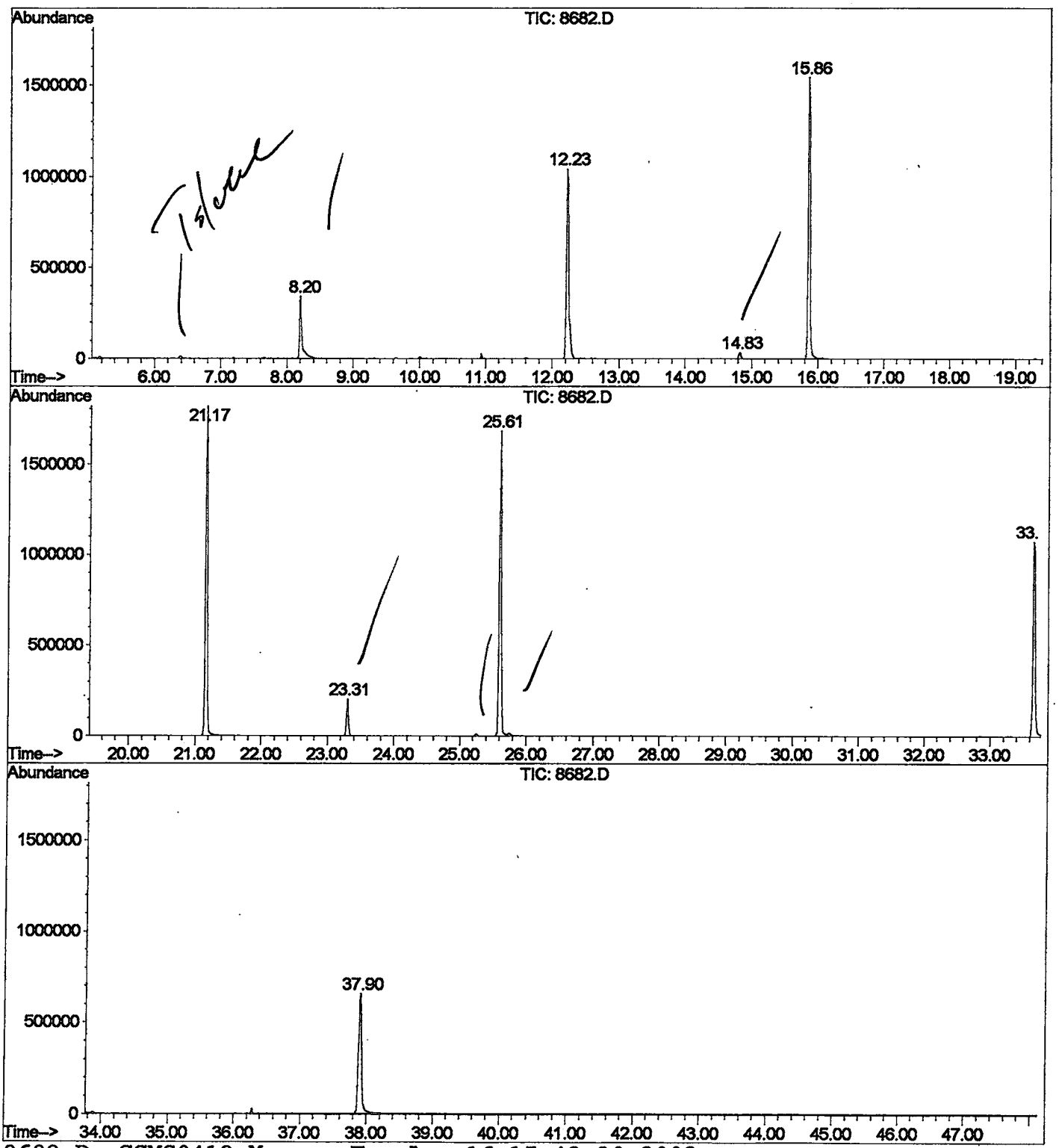
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.205	340	344	370	rBV	340185	856763	22.70%	4.490%
2	12.226	777	782	803	rBV	1039054	2533945	67.14%	13.280%
3	14.833	1061	1066	1072	rVB	34145	69505	1.84%	0.364%
4	15.861	1172	1178	1196	rBV	1539366	3276769	86.82%	17.173%
5	21.168	1749	1756	1774	rBV	1814634	3774114	100.00%	19.780%
6	23.307	1982	1989	1994	rBV	201814	388553	10.30%	2.036%
7	25.611	2233	2240	2252	rBV	1679744	3588942	95.09%	18.809%
8	33.662	3110	3117	3133	rBV2	1073351	2577335	68.29%	13.507%
9	37.903	3570	3579	3597	rBV2	652589	2014969	53.39%	10.560%

Sum of corrected areas: 19080895

8682.D GCMS0412.M Tue Apr 16 15:42:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8682.D
Operator :
Acquired : 15 Apr 2002 8:49 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 14
Quant File :GCMS0412.RES (RTE Integrator)



8682.D GCMS0412.M Tue Apr 16 15:42:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8682.D Vial: 14
Acq On : 15 Apr 2002 8:49 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

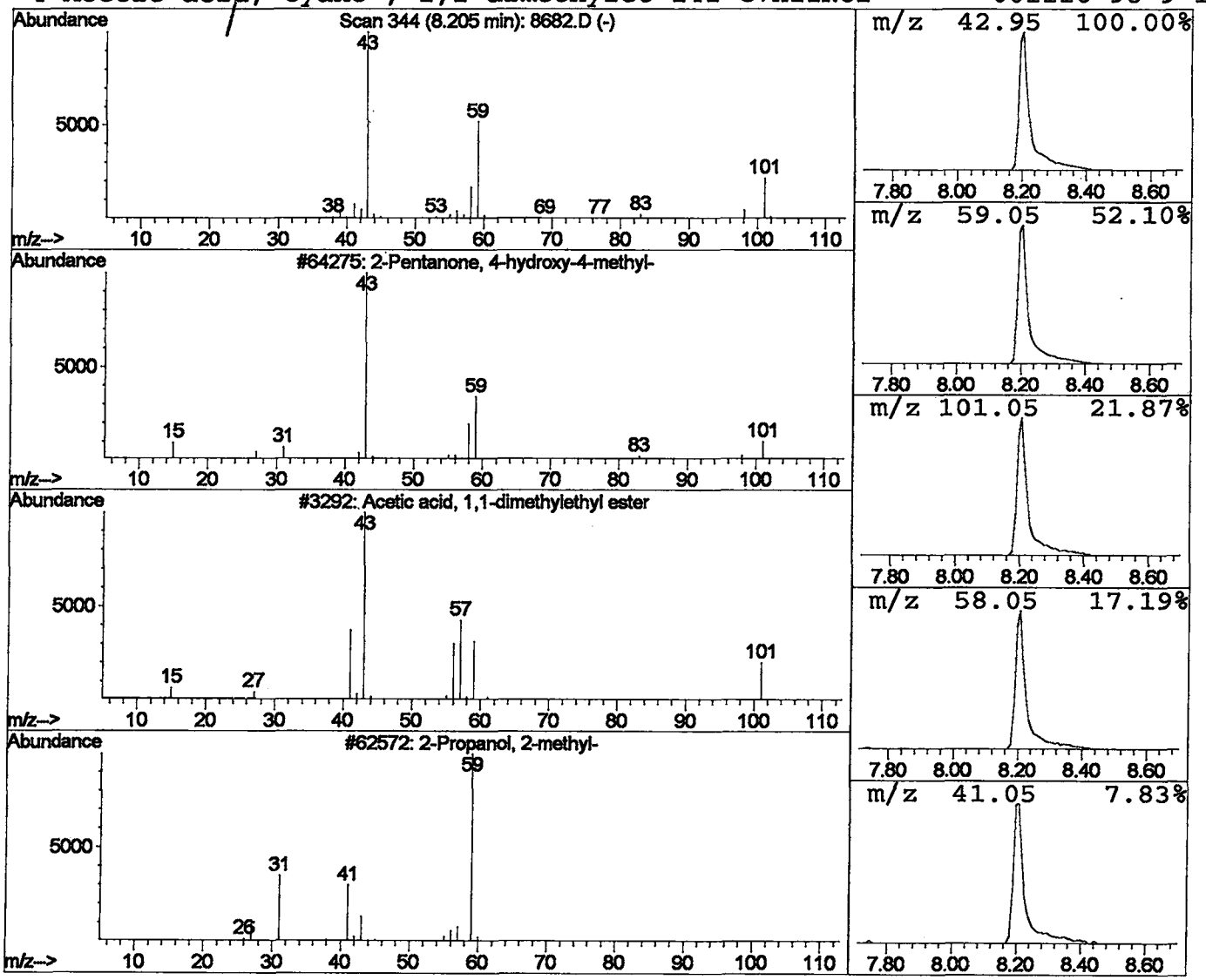
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	6.76 ug/l	856763	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	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8682.D Vial: 14
Acq On : 15 Apr 2002 8:49 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

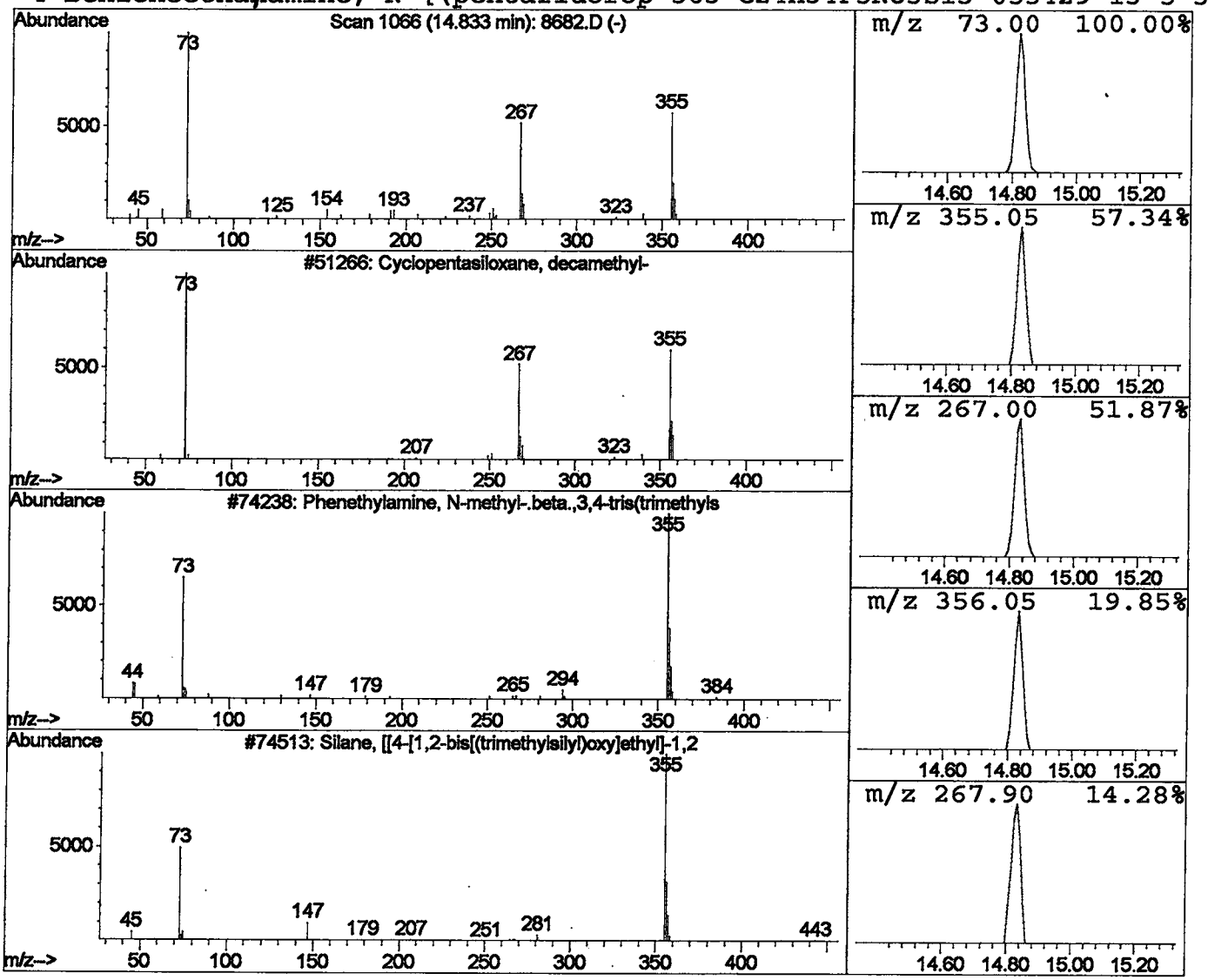
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.42 ug/l	69505	Naphthalene-d8	15.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	47
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 Apr 2002 8:49 pm
Data File: C:\HPCHEM\1\DATA\APR1202\8682.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	6.8	ug/l	856763	ISTD01	12.23	2533950	20.0
Cyclopentasiloxane,	14.83	0.4	ug/l	69505	ISTD02	15.86	3276770	20.0

8682.D GCMS0412.M Tue Apr 16 15:42:32 2002