User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/30/2002 Time: 11:39:28

Sample: AE09089
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/30/02 11:38 Ended: 4/30/02 11:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE09089 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-30-2002 Time: 11:39:57

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\APR2502\9089.D Vial: 20
Acq On : 26 Apr 2002 7:01 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 8:14 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 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	453528	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1637382	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.15	164	901167	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1332596	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	880912	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	544532	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	31786	6.98	ug/L	-0.05
Spiked Amount 10.000			Recovery = 69.80%			
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	372	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	22.62	149	2578	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 : Thu Apr 25 15:21:43 2002
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DataAcq Meth : GCMS0412

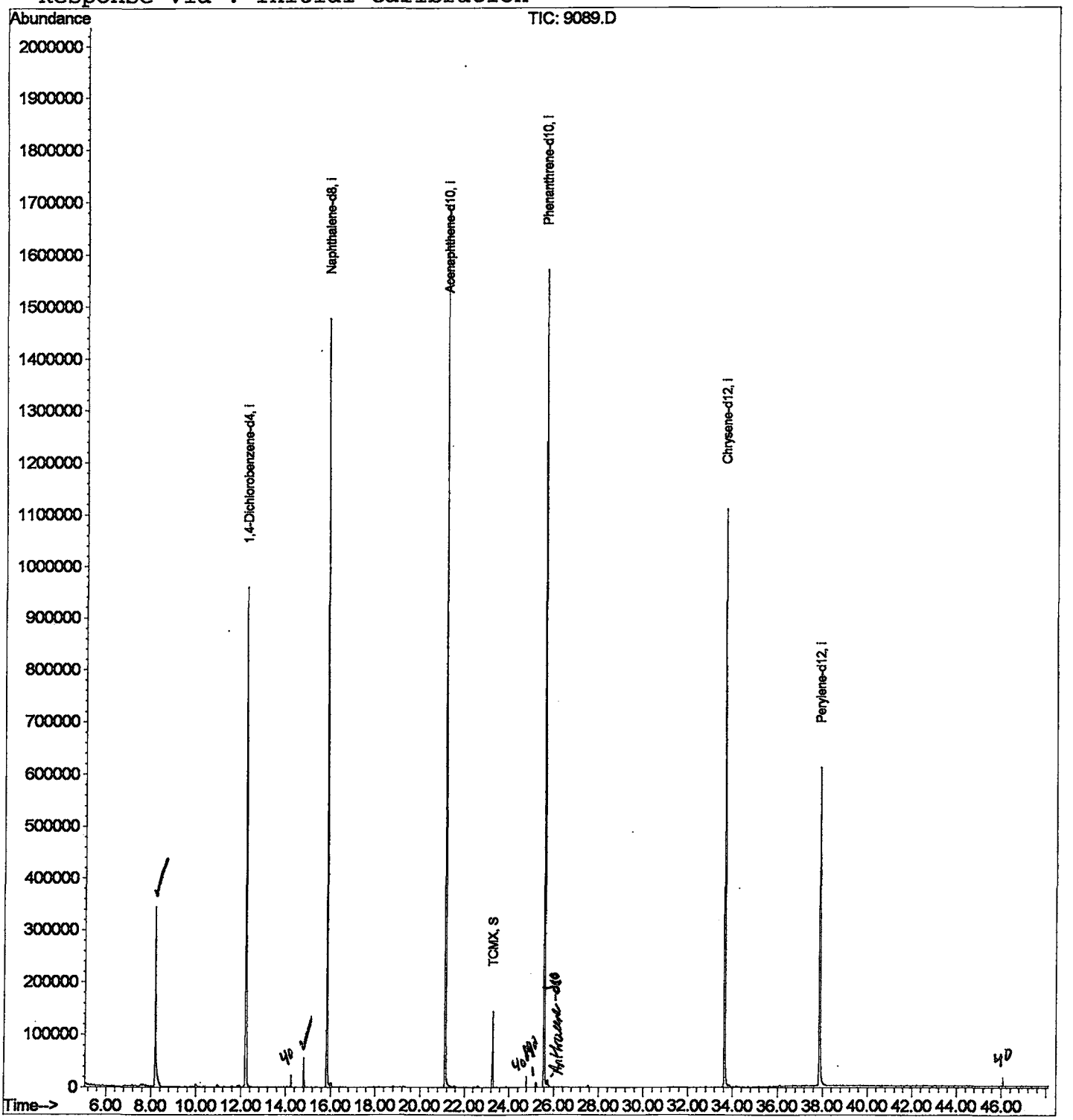
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	349	N.D.	
35) Anthracene	25.58	178	349	N.D.	
36) Di-n-butylphthalate	27.55	149	4974	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	1903	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	2835	N.D.	
44) Chrysene	33.65	228	1903	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	37.87	252	1827	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\APR2502\9089.D Vial: 20
Acq On : 26 Apr 2002 7:01 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 8:14 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2502\9089.D Vial: 20
Acq On : 26 Apr 2002 7:01 am Operator:
Sample : re-inject 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

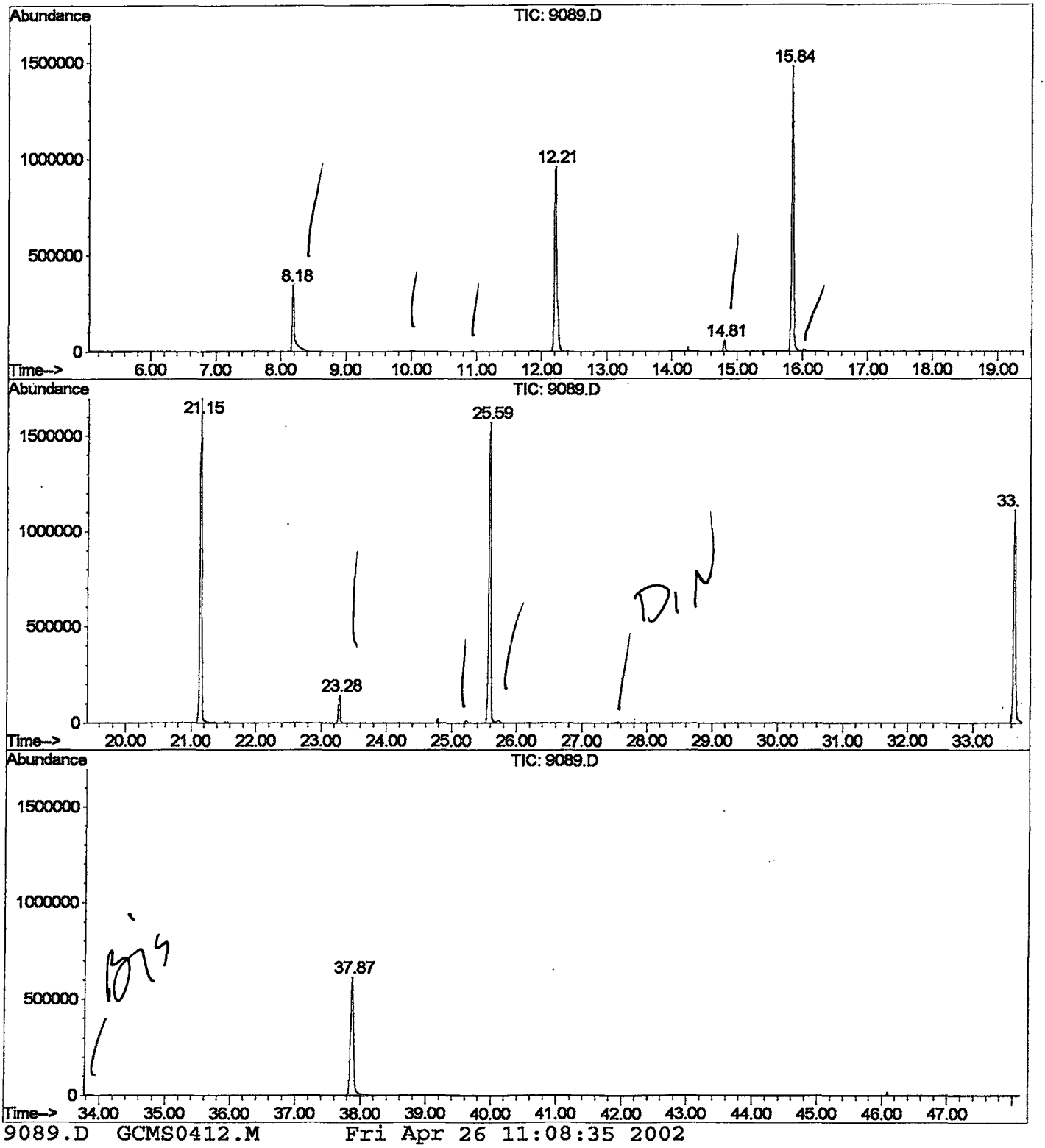
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.183	338	342	371	rVB	342788	832328	24.33%	4.653%
2	12.213	775	781	797	rVB	959243	2435526	71.18%	13.615%
3	14.811	1059	1064	1070	rVB	56920	107196	3.13%	0.599%
4	15.839	1170	1176	1192	rBV	1478294	3094231	90.43%	17.297%
5	21.145	1748	1754	1766	rBV	1696189	3421589	100.00%	19.127%
6	23.284	1979	1987	1994	rVB	144101	278768	8.15%	1.558%
7	25.589	2231	2238	2250	rBV2	1571126	3364585	98.33%	18.809%
8	33.640	3108	3115	3129	rBV2	1111691	2521948	73.71%	14.098%
9	37.872	3565	3576	3592	rBV2	609734	1832279	53.55%	10.243%

Sum of corrected areas: 17888450

9089.D GCMS0412.M Fri Apr 26 11:08:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9089.D
Operator :
Acquired : 26 Apr 2002 7:01 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 20
Quant File :GCMS0412.RES (RTE Integrator)



9089.D GCMS0412.M Fri Apr 26 11:08:35 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9089.D
Acq On : 26 Apr 2002 7:01 am
Sample : re-inject
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator:
Inst : 209
Multiplr: 1.00

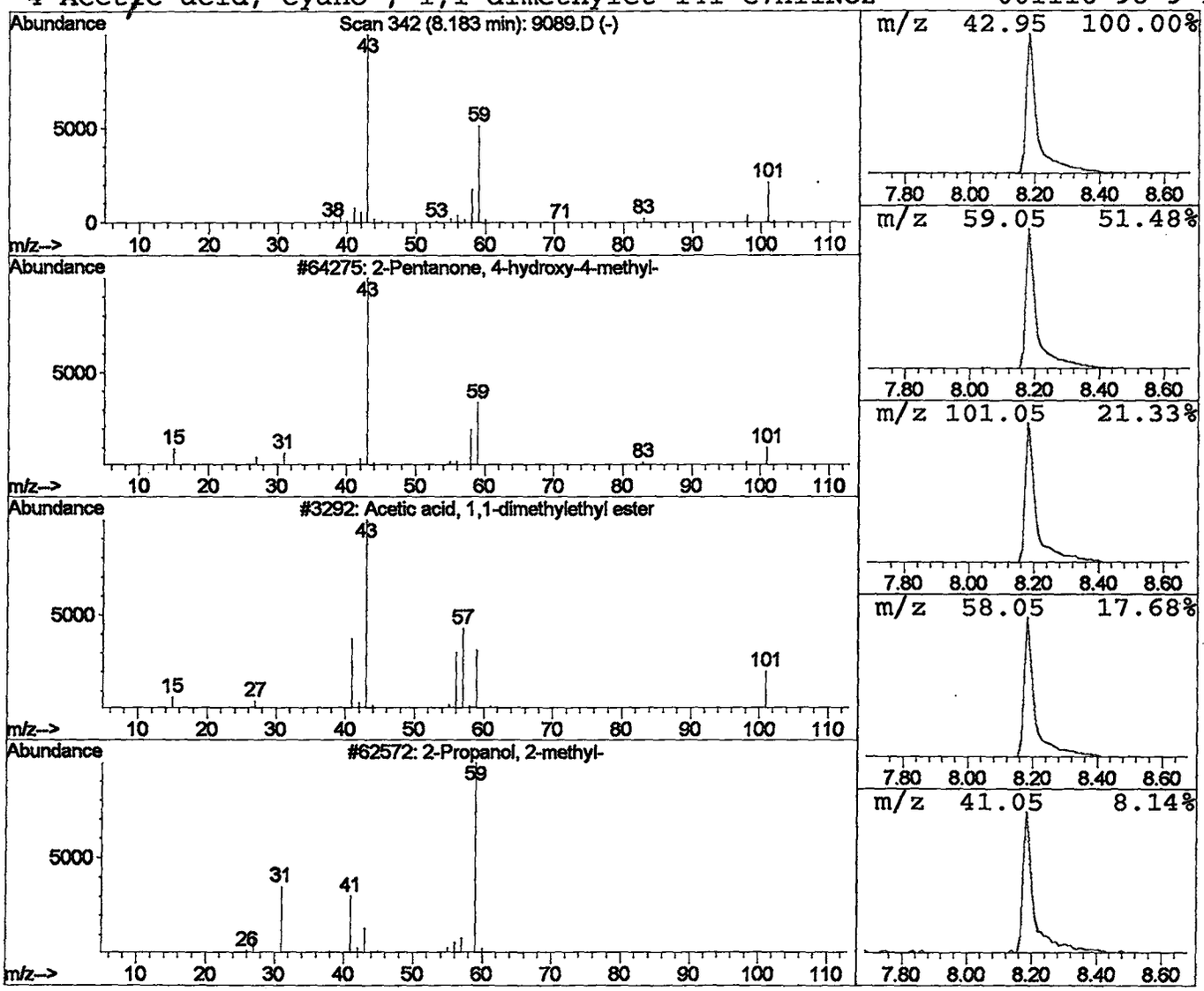
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.83 ug/l	832328	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	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\APR2502\9089.D Vial: 20
Acq On : 26 Apr 2002 7:01 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

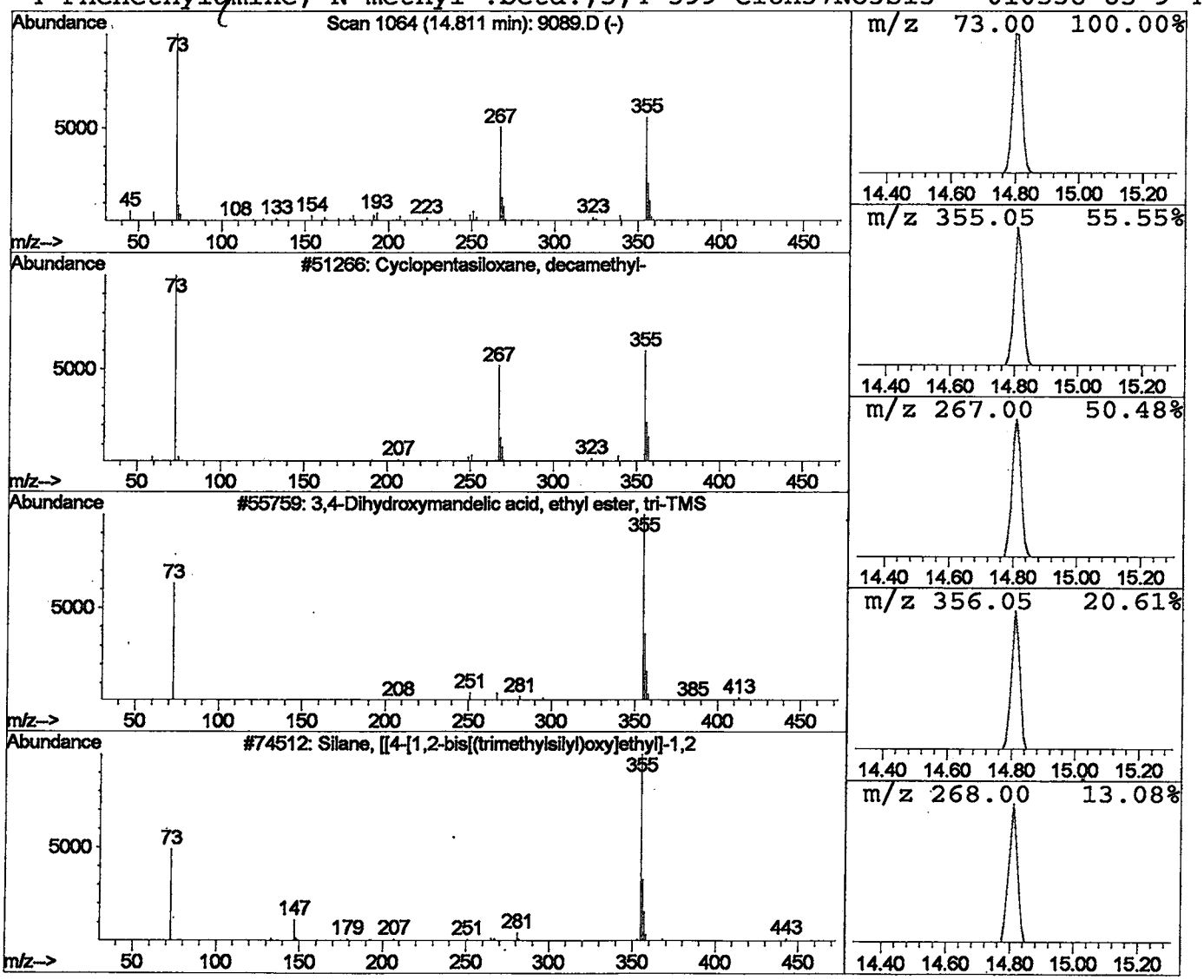
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.69 ug/l	107196	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	50
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	47
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 7:01 am
Data File: C:\HPCHEM\1\DATA\APR2502\9089.D
Name: re-inject
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	6.8	ug/l	832328	ISTD01	12.21	2435530	20.0
Cyclopentasiloxane,	14.81	0.7	ug/l	107196	ISTD02	15.84	3094230	20.0

9089.D GCMS0412.M Fri Apr 26 11:08:37 2002