User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/30/2002 Time: 11:37:55

Sample: AE09021
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/30/02 11:37 Ended: 4/30/02 11:37 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE09021 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-30-2002 Time: 11:38:16

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\APR2502\9021.D Vial: 19
Acq On : 26 Apr 2002 6:04 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	418335	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1516107	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.14	164	849400	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1255282	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	856661	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	539848	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	33852	7.88	ug/L	-0.05
Spiked Amount 10.000			Recovery = 78.80%			
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	415	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	516	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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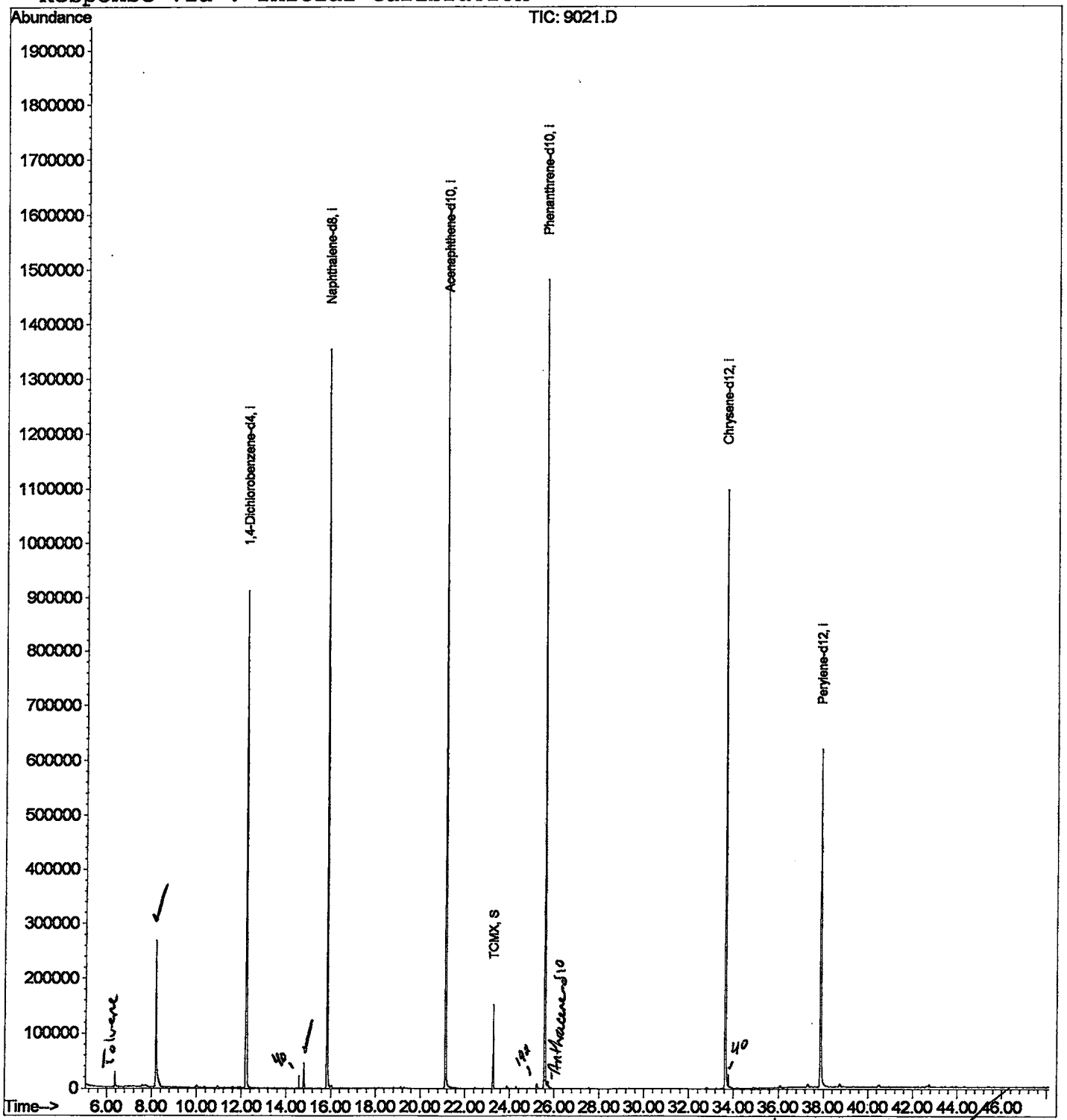
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	323	N.D.	
35)	Anthracene	25.59	178	323	N.D.	
36)	Di-n-butylphthalate	27.55	149	2846	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	2030	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	1782	N.D.	
44)	Chrysene	33.65	228	2030	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	2129	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

Data File : C:\HPCHEM\1\DATA\APR2502\9021.D Vial: 19
Acq On : 26 Apr 2002 6:04 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



(73,207) column

Data File : C:\HPCHEM\1\DATA\APR2502\9021.D Vial: 19
Acq On : 26 Apr 2002 6:04 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

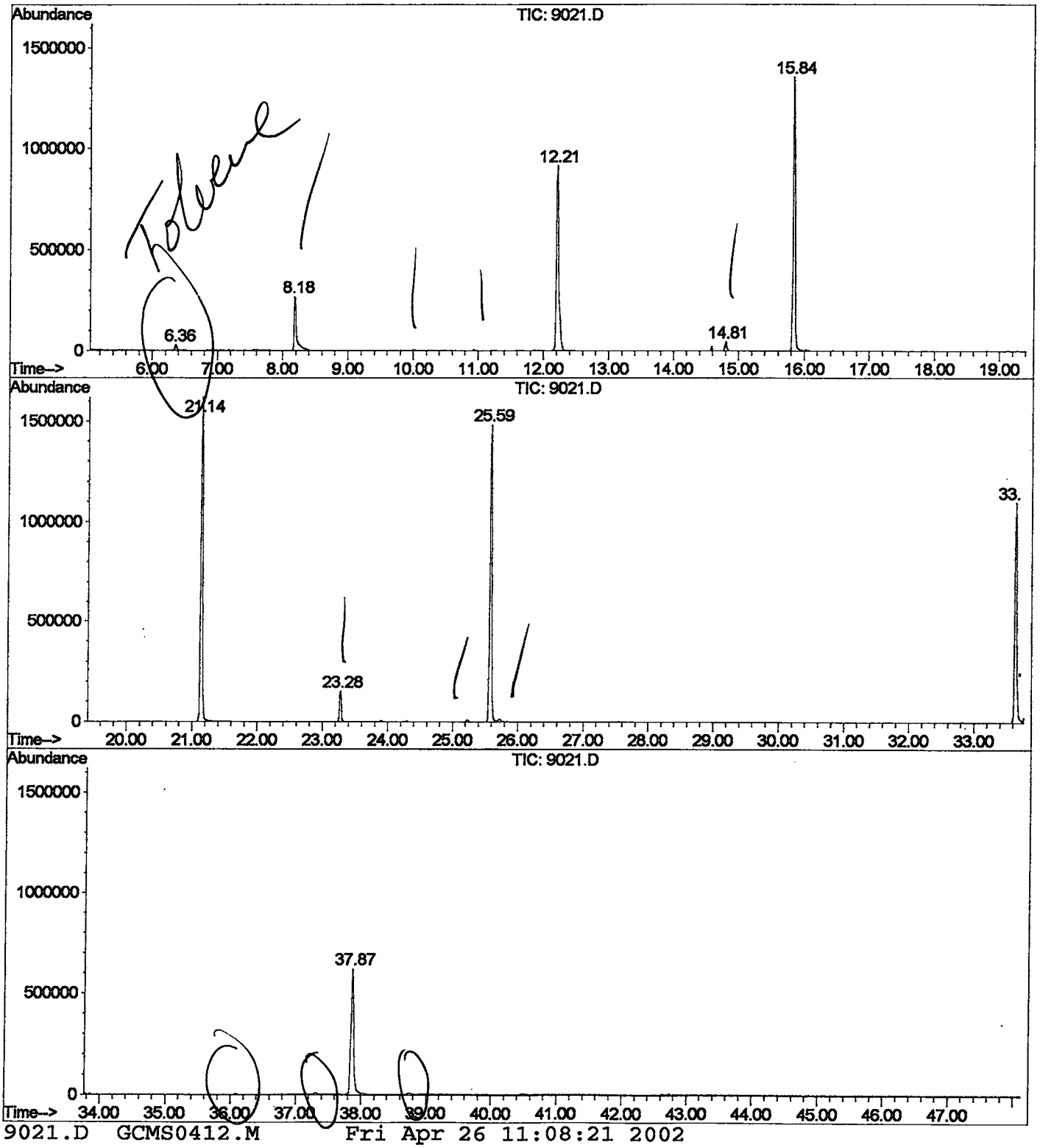
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.364	139	144	150	rBV	27767	54114	1.68%	0.321%
2	8.181	339	342	368	rBV	266383	672822	20.83%	3.987%
3	12.212	775	781	794	rBV	911679	2240835	69.37%	13.280%
4	14.810	1059	1064	1069	rVB	45771	81659	2.53%	0.484%
5	15.838	1171	1176	1189	rBV	1355136	2865813	88.72%	16.984%
6	21.144	1748	1754	1773	rBV	1620415	3230173	100.00%	19.143%
7	23.283	1980	1987	1994	rVB	152432	295747	9.16%	1.753%
8	25.587	2231	2238	2249	rBV2	1481861	3176873	98.35%	18.827%
9	33.638	3108	3115	3128	rBV2	1098077	2443767	75.65%	14.482%
10	37.871	3567	3576	3591	rBV2	618039	1812194	56.10%	10.740%

Sum of corrected areas: 16873997

9021.D GCMS0412.M Fri Apr 26 11:08:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9021.D
Operator :
Acquired : 26 Apr 2002 6:04 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 19
Quant File :GCMS0412.RES (RTE Integrator)



9021.D GCMS0412.M Fri Apr 26 11:08:21 2002

Data File : C:\HPCHEM\1\DATA\APR2502\9021.D Vial: 19
Acq On : 26 Apr 2002 6:04 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

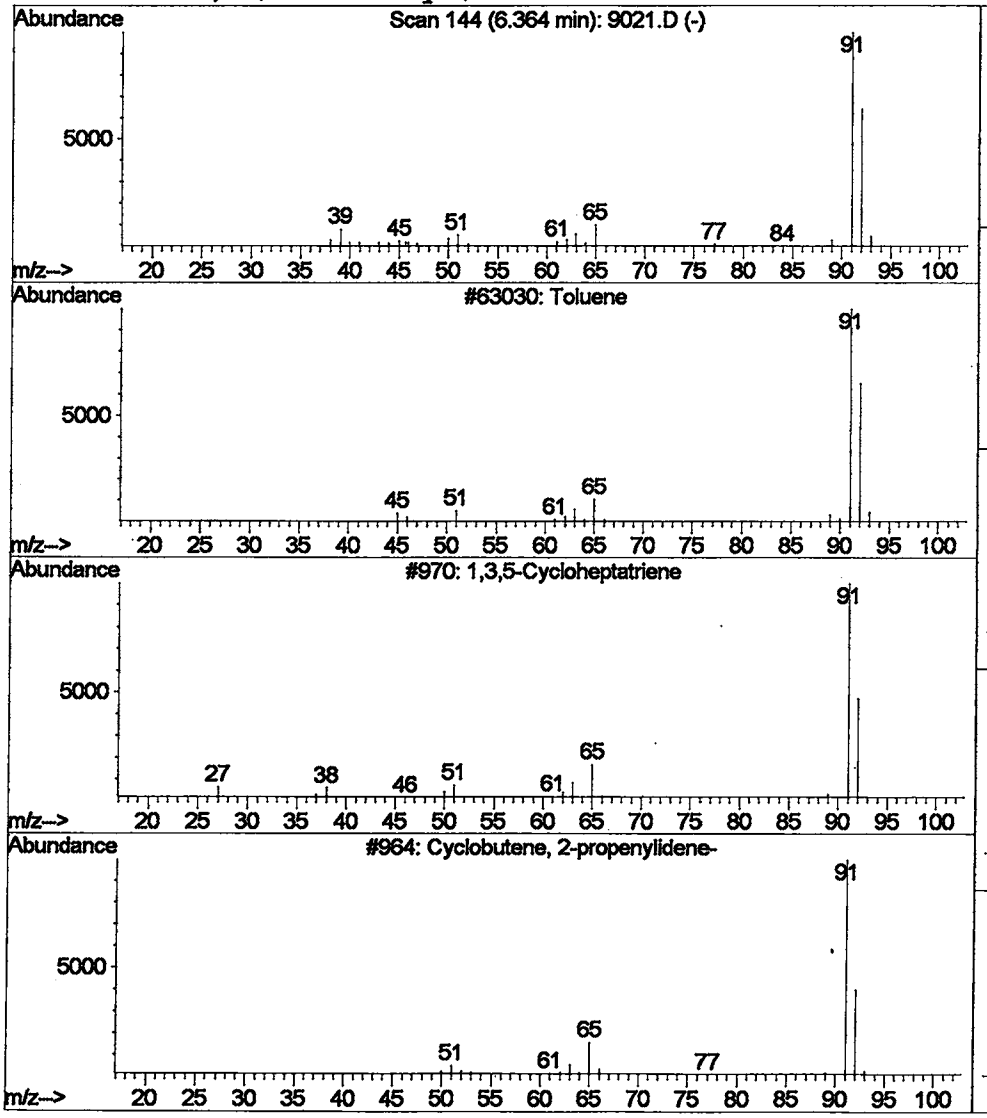
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

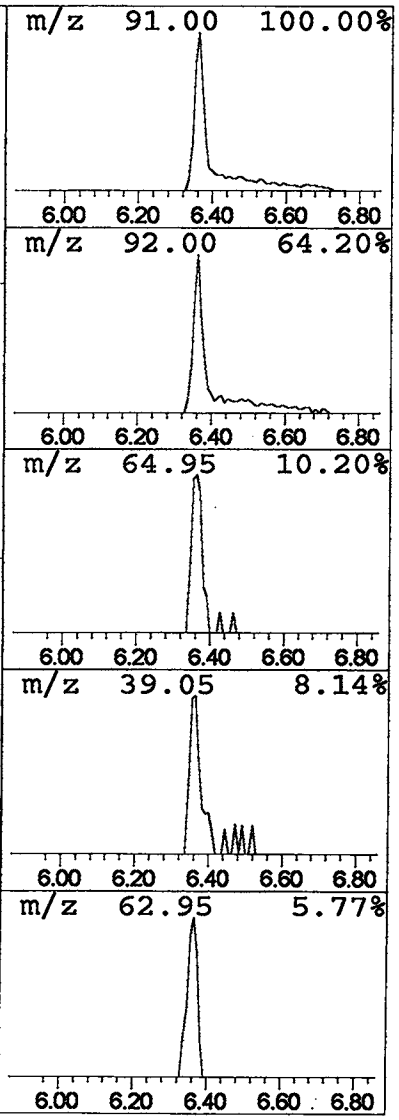
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.48 ug/l	54114	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	43
3	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	38
4	Benzene, (iodomethyl)-	218	C7H7I	000620-05-3	25





Data File : C:\HPCHEM\1\DATA\APR2502\9021.D Vial: 19
Acq On : 26 Apr 2002 6:04 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

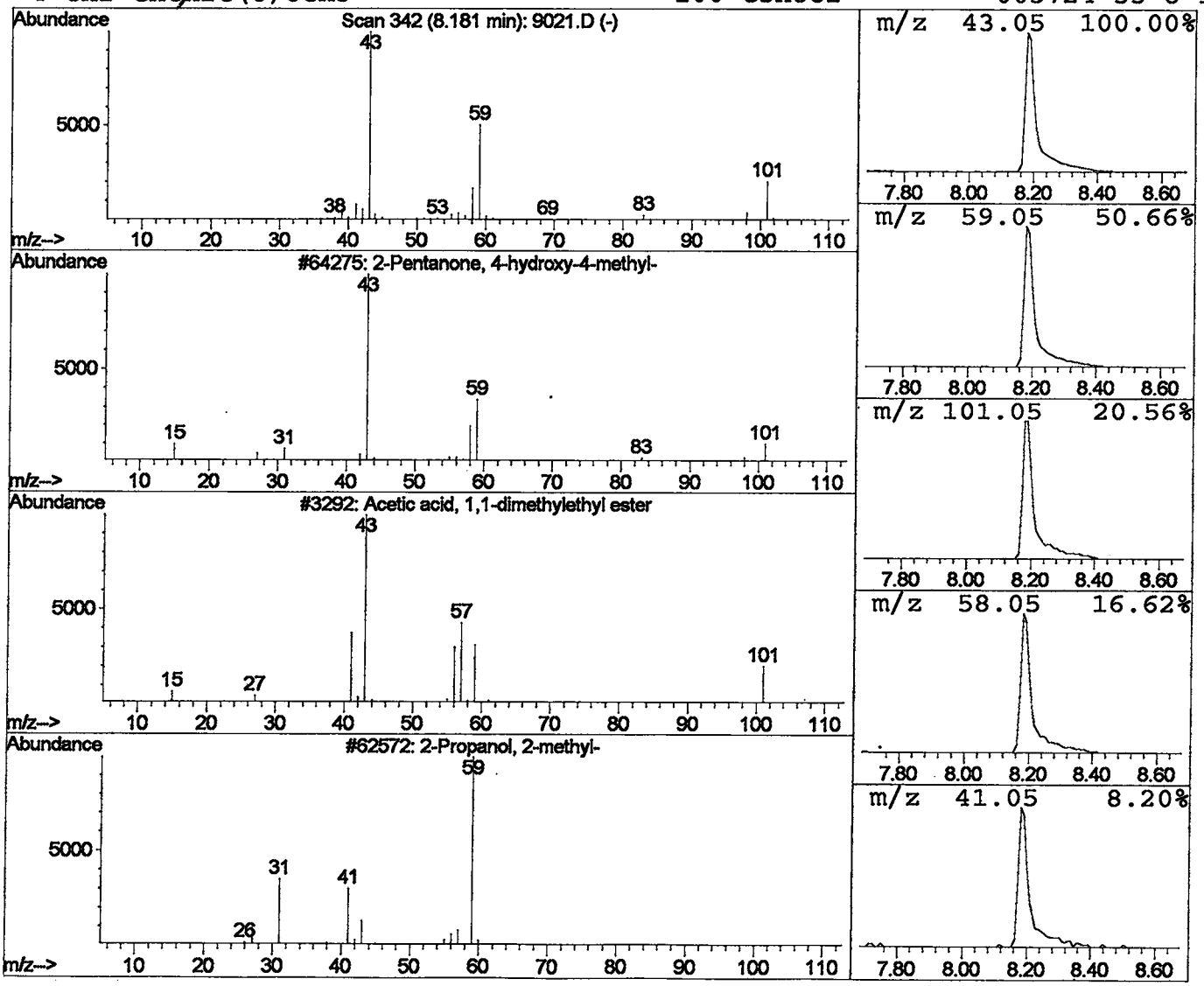
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.01 ug/l	672822	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Data File : C:\HPCHEM\1\DATA\APR2502\9021.D Vial: 19
Acq On : 26 Apr 2002 6:04 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

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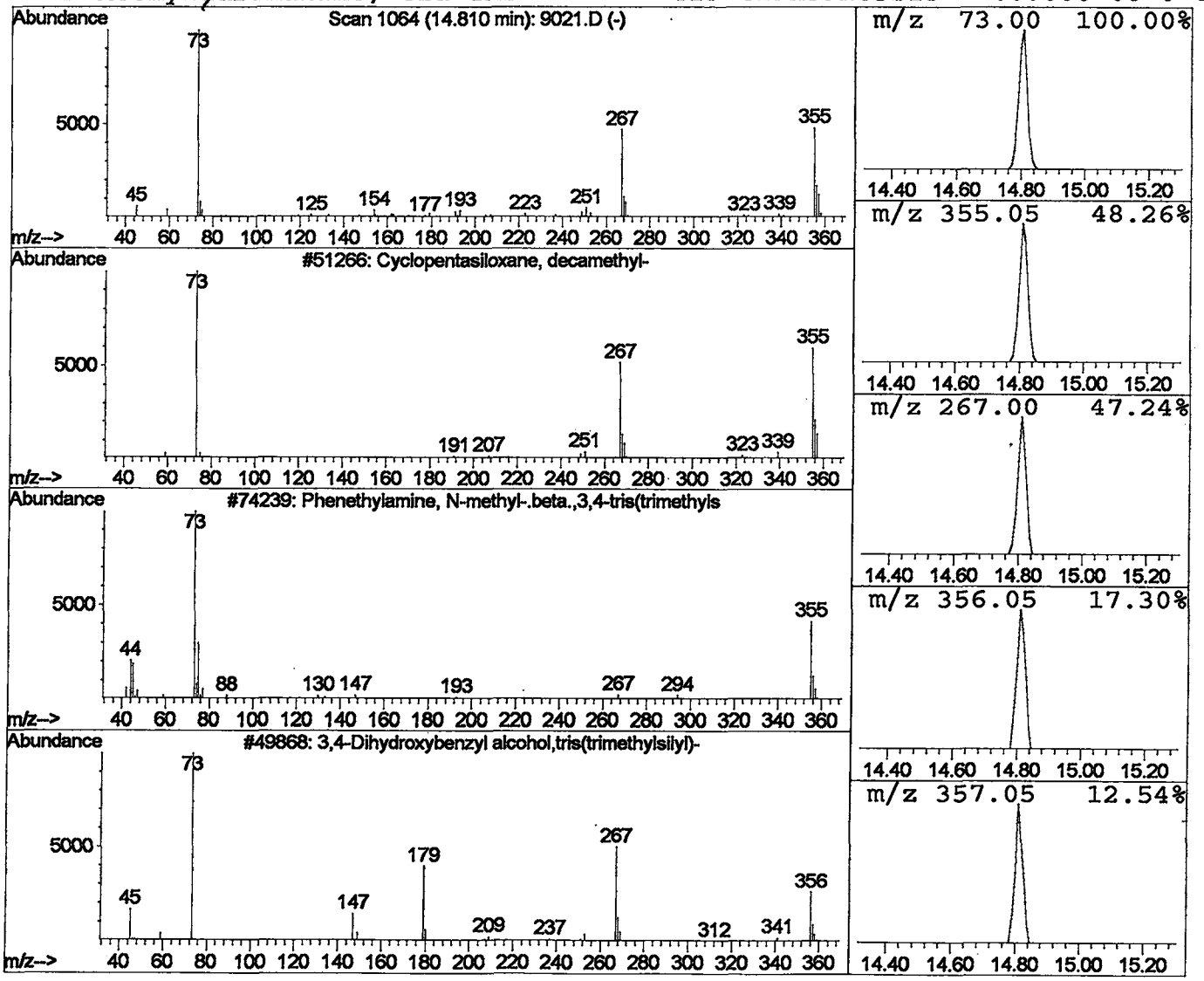
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.57 ug/l	81659	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 6:04 am
Data File: C:\HPCHEM\1\DATA\APR2502\9021.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
Toluene	6.36	0.5	ug/l	54114	ISTD01	12.21	2240840	20.0
2-Pentanone, 4-hydro	8.18	6.0	ug/l	672822	ISTD01	12.21	2240840	20.0
Cyclopentasiloxane,	14.81	0.6	ug/l	81659	ISTD02	15.84	2865810	20.0

9021.D GCMS0412.M Fri Apr 26 11:08:24 2002