User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:07:25

Sample: AE09097
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 14:04 Ended: 4/26/02 14:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE09097 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 14:07:51

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\APR2302\9097.D Vial: 22
Acq On : 24 Apr 2002 11:54 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 12:43 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	456796	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1662348	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.15	164	949858	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1371942	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	851613	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	516389	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	42876	9.01	ug/L	-0.05
Spiked Amount 10.000			Recovery = 90.10%			
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	15.90	128	303	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	0.00	149	0	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 : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

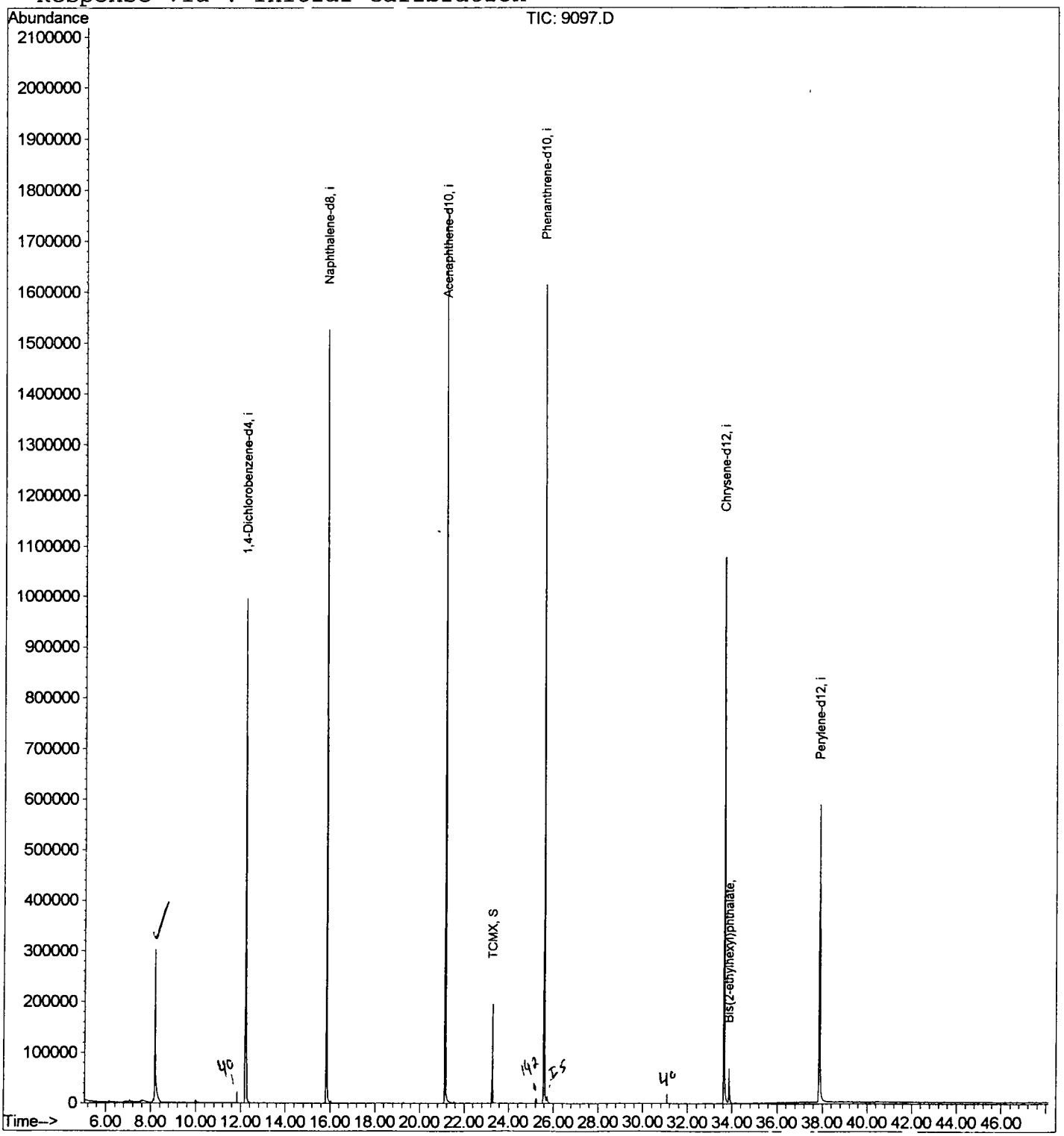
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	242	N.D.	
35)	Anthracene	25.59	178	242	N.D.	
36)	Di-n-butylphthalate	27.56	149	975	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	1796	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	49143	2.30 ug/l	96
44)	Chrysene	33.64	228	1796	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	37.88	252	1747	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\APR2302\9097.D Vial: 22
Acq On : 24 Apr 2002 11:54 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 12:43 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\APR2302\9097.D Vial: 22
Acq On : 24 Apr 2002 11:54 am Operator:
Sample : gc/ms scan 4/17 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

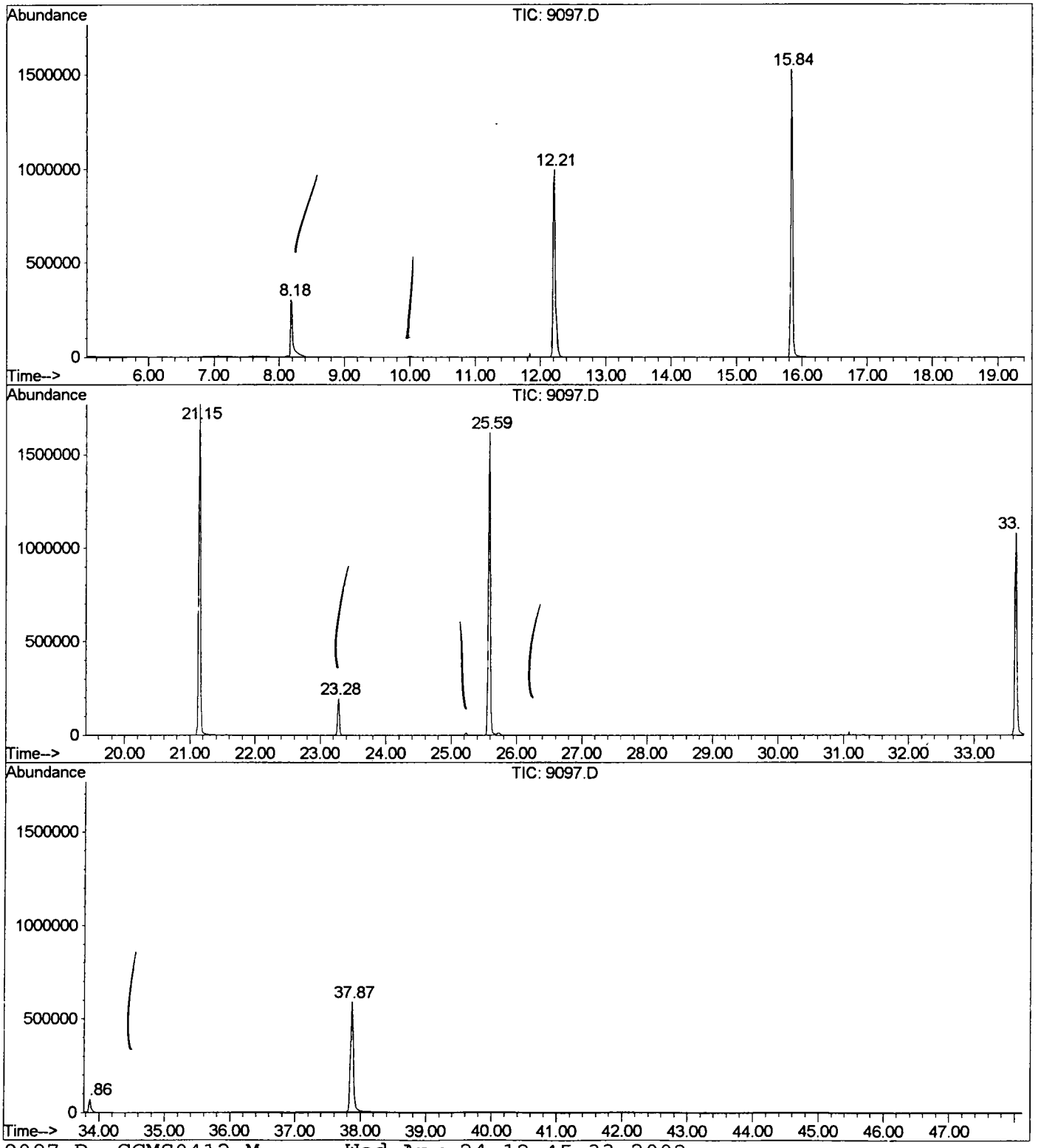
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.183	339	342	372	rVB	301563	768336	21.71%	4.257%
2	12.213	775	781	797	rBV	995686	2463702	69.60%	13.649%
3	15.839	1170	1176	1186	rBV	1527110	3129709	88.42%	17.338%
4	21.145	1748	1754	1766	rBV	1765640	3539572	100.00%	19.609%
5	23.284	1980	1987	1992	rBV	196276	379597	10.72%	2.103%
6	25.589	2231	2238	2249	rBV	1614754	3425127	96.77%	18.975%
7	33.640	3108	3115	3131	rBV2	1079744	2437191	68.86%	13.502%
8	33.860	3134	3139	3149	rVB	68816	159344	4.50%	0.883%
9	37.872	3566	3576	3590	rBV2	587302	1748231	49.39%	9.685%

Sum of corrected areas: 18050809

9097.D GCMS0412.M Wed Apr 24 12:45:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\9097.D
Operator :
Acquired : 24 Apr 2002 11:54 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/17
Misc Info :
Vial Number: 22
Quant File :GCMS0412.RES (RTE Integrator)



9097.D GCMS0412.M Wed Apr 24 12:45:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\9097.D Vial: 22
Acq On : 24 Apr 2002 11:54 am Operator:
Sample : gc/ms scan 4/17 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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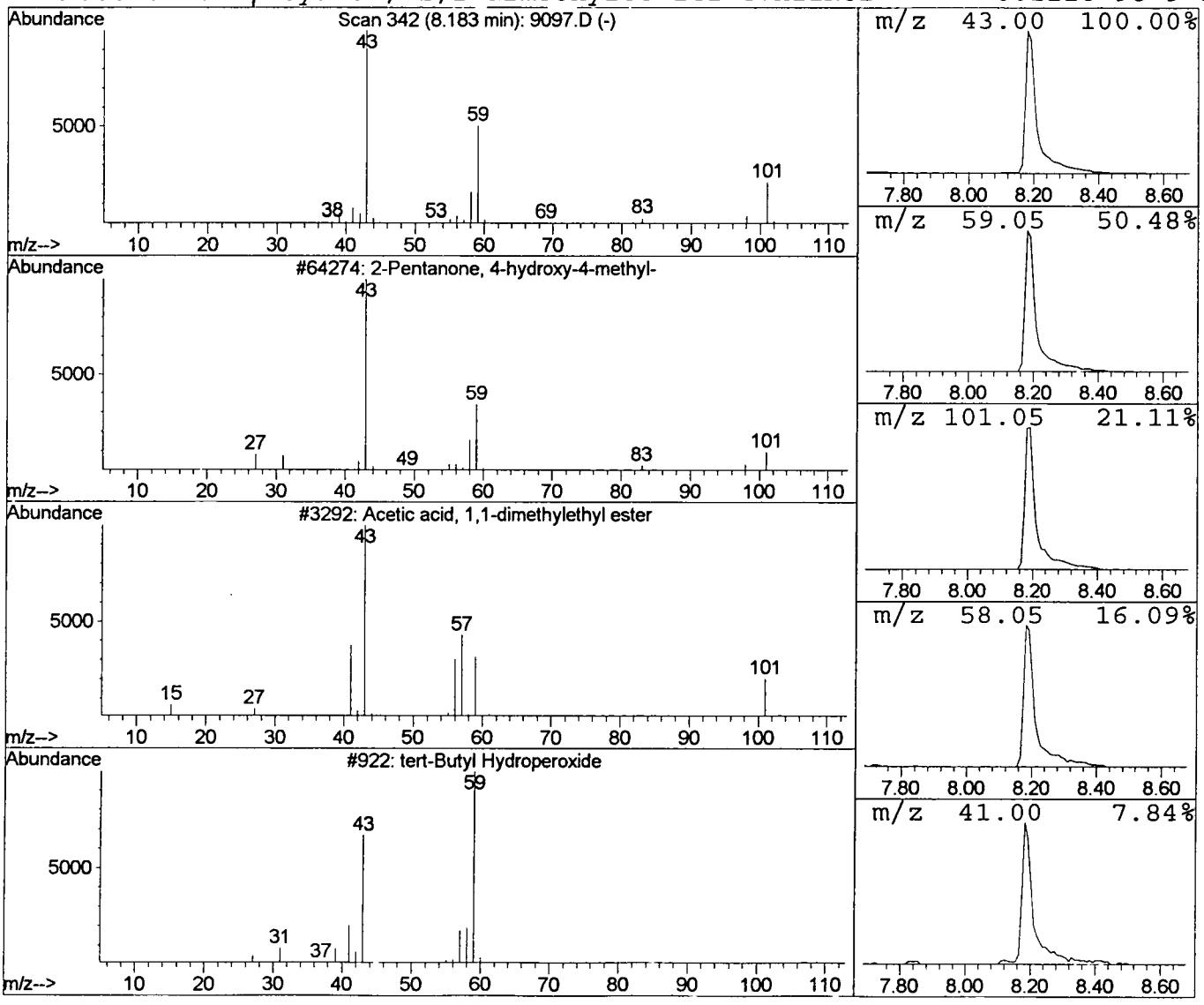
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.24 ug/l	768336	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	56
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 11:54 am
Data File: C:\HPCHEM\1\DATA\APR2302\9097.D
Name: gc/ms scan 4/17
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	6.2	ug/l	768336	ISTD01	12.21	2463700	20.0

9097.D GCMS0412.M Wed Apr 24 12:45:35 2002