User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 14:53:40

Sample: AE07067
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 14:52 Ended: 4/29/02 14:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qual List	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		10.0

Comments for Sample AE07067 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 14:54:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 5 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2402\7067.D Vial: 9
Acq On : 24 Apr 2002 11:35 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 11:03 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	515509	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1872059	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1043462	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1527959	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	971956	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	601562	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	35810	6.85	ug/L	-0.05
Spiked Amount 10.000			Recovery = 68.50%			
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	0.00	128	0	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	624	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)

Data File : C:\HPCHEM\1\DATA\APR2402\7067.D Vial: 9
Acq On : 24 Apr 2002 11:35 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 11:03 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

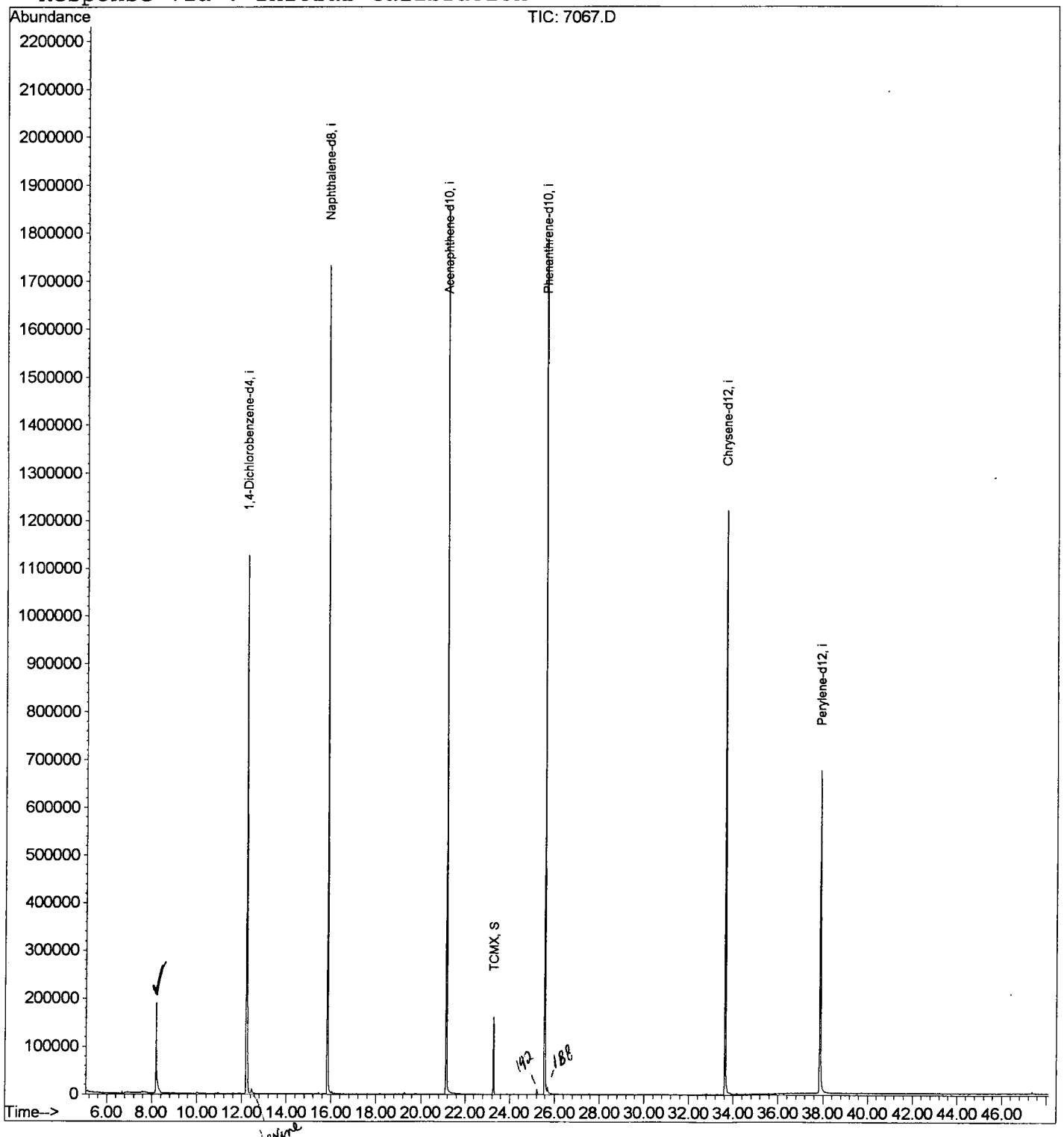
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.58	178	461	N.D.	
35)	Anthracene	25.58	178	461	N.D.	
36)	Di-n-butylphthalate	27.56	149	4252	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2199	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	1583	N.D.	
44)	Chrysene	33.64	228	2199	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	2178	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
7067.D GCMS0412.M Thu Apr 25 11:04:32 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2402\7067.D Vial: 9
Acq On : 24 Apr 2002 11:35 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 11:03 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\APR2402\7067.D Vial: 9
Acq On : 24 Apr 2002 11:35 pm Operator:
Sample : gc/ms scan 4/23 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

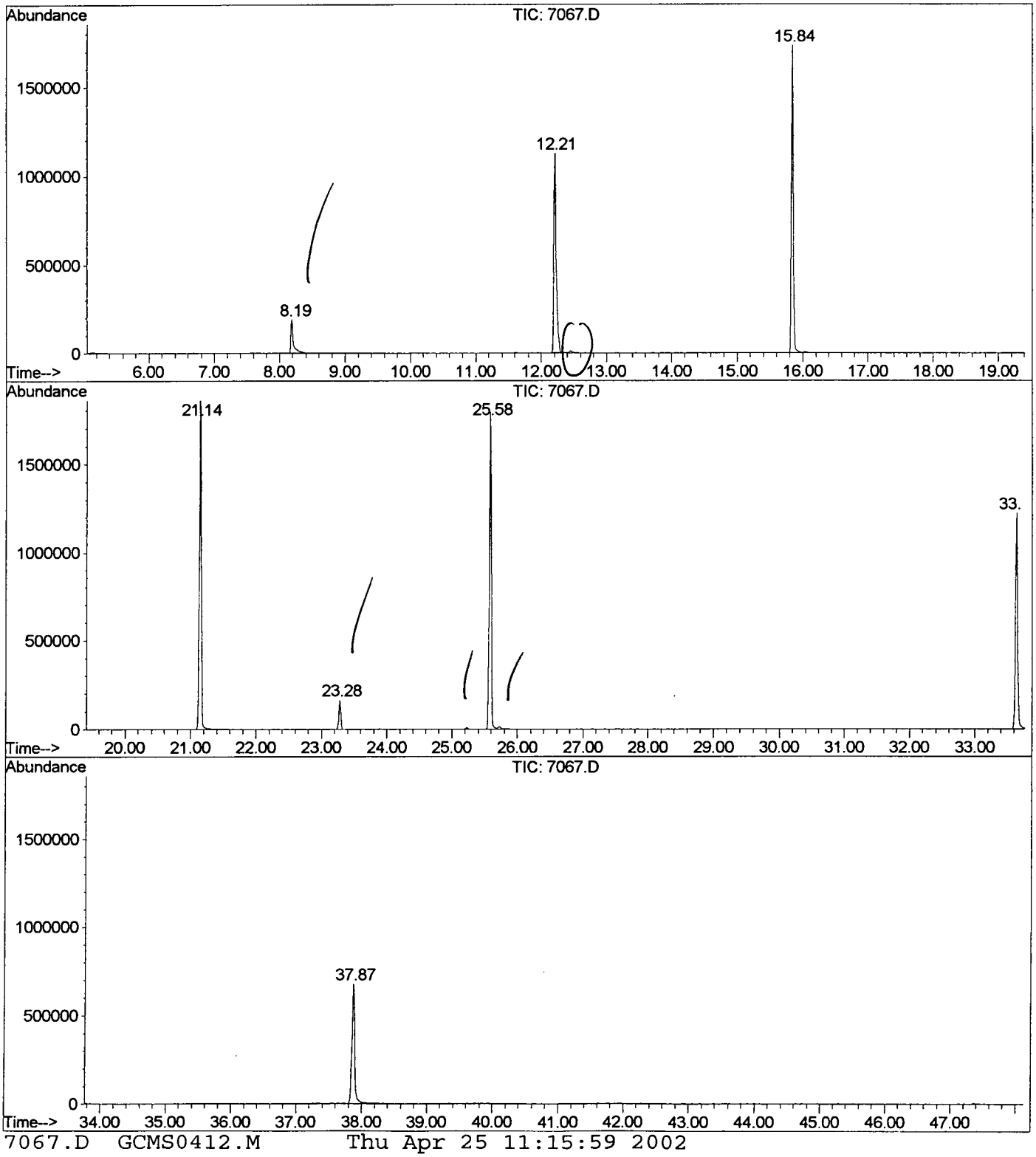
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.187	338	342	369	rVB	188268	491364	12.37%	2.492%
2	12.208	775	780	795	rBV	1125480	2752462	69.31%	13.962%
3	15.844	1170	1176	1194	rBV	1732299	3525163	88.76%	17.881%
4	21.141	1747	1753	1770	rBV	1858425	3971440	100.00%	20.145%
5	23.280	1979	1986	1996	rVB	162903	321711	8.10%	1.632%
6	25.584	2231	2237	2248	rBV2	1788128	3828173	96.39%	19.418%
7	33.644	3108	3115	3136	rBV2	1220097	2797696	70.45%	14.191%
8	37.867	3567	3575	3596	rBV2	673931	2026200	51.02%	10.278%

Sum of corrected areas: 19714209

7067.D GCMS0412.M Thu Apr 25 11:15:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2402\7067.D
Operator :
Acquired : 24 Apr 2002 11:35 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 9
Quant File :GCMS0412.RES (RTE Integrator)



7067.D GCMS0412.M Thu Apr 25 11:15:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7067.D Vial: 9
Acq On : 24 Apr 2002 11:35 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

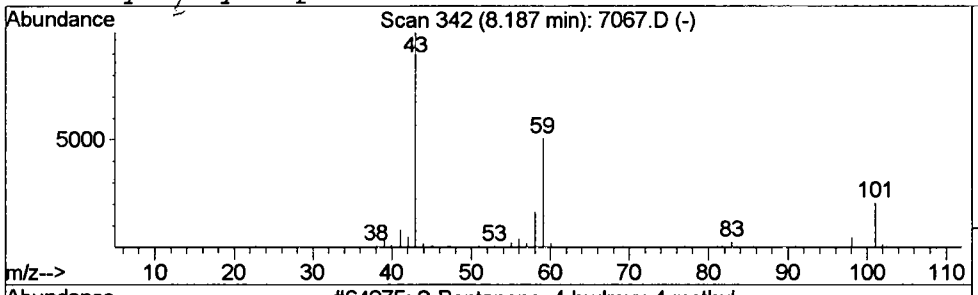
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

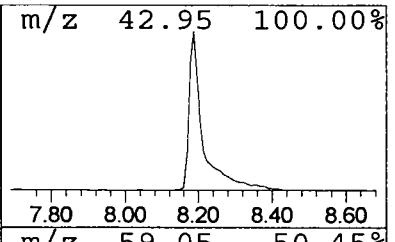
****

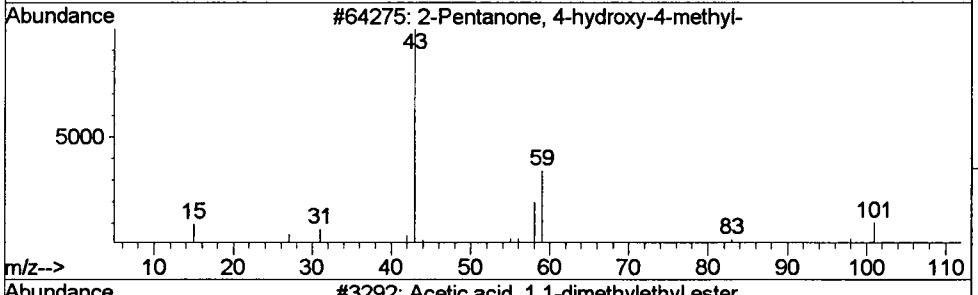
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

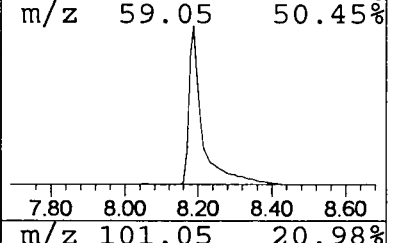
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.57 ug/l	491364	1,4-Dichlorobenzene-d4	12.21

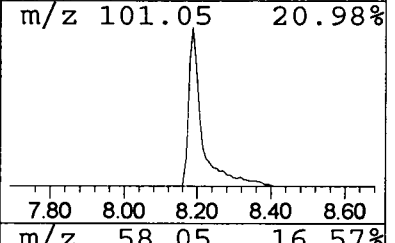
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9

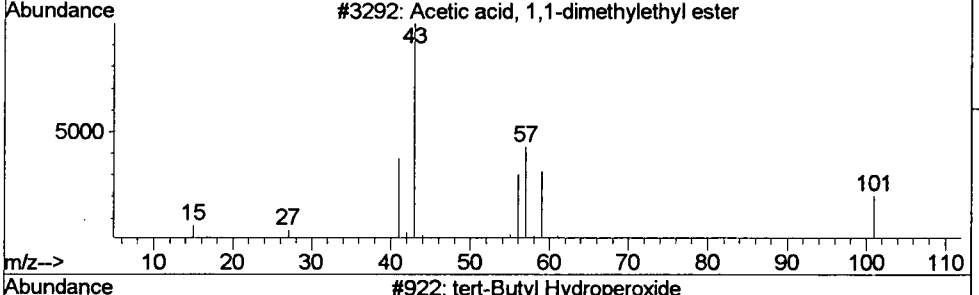


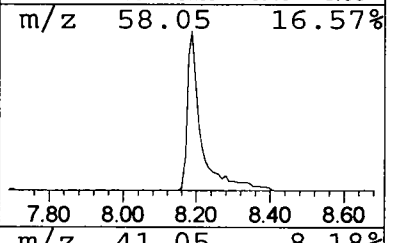


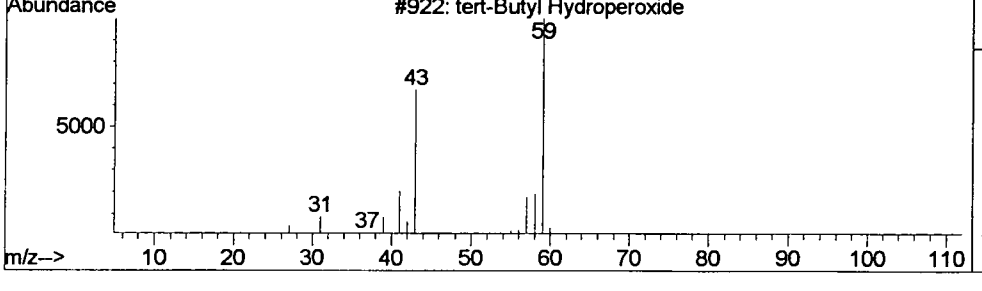


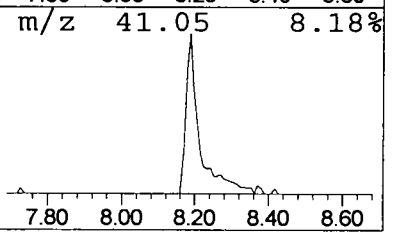












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 11:35 pm
Data File: C:\HPCHEM\1\DATA\APR2402\7067.D
Name: gc/ms scan 4/23
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	8.19	3.6	ug/l	491364	ISTD01	12.21	2752460	20.0

7067.D GCMS0412.M Thu Apr 25 11:16:00 2002