User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:33:54

Sample: AE11575
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 10:33 Ended: 5/30/02 10:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		10.0

Comments for Sample AE11575 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 10:34:15

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\MAY2102\11575.D Vial: 8
Acq On : 22 May 2002 8:18 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 13:43 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	352092	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1378230	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	661567	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	881581	40.00	ug/l	-0.02
38) Chrysene-d12	33.58	240	542972	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	360042	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	127284	38.28	ug/L	0.00
Spiked Amount 40.000			Recovery = 95.70%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	15.84	128	189	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.	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	22.57	149	978	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	582	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	332	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.59	178	173	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11575.D Vial: 8
Acq On : 22 May 2002 8:18 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 13:43 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

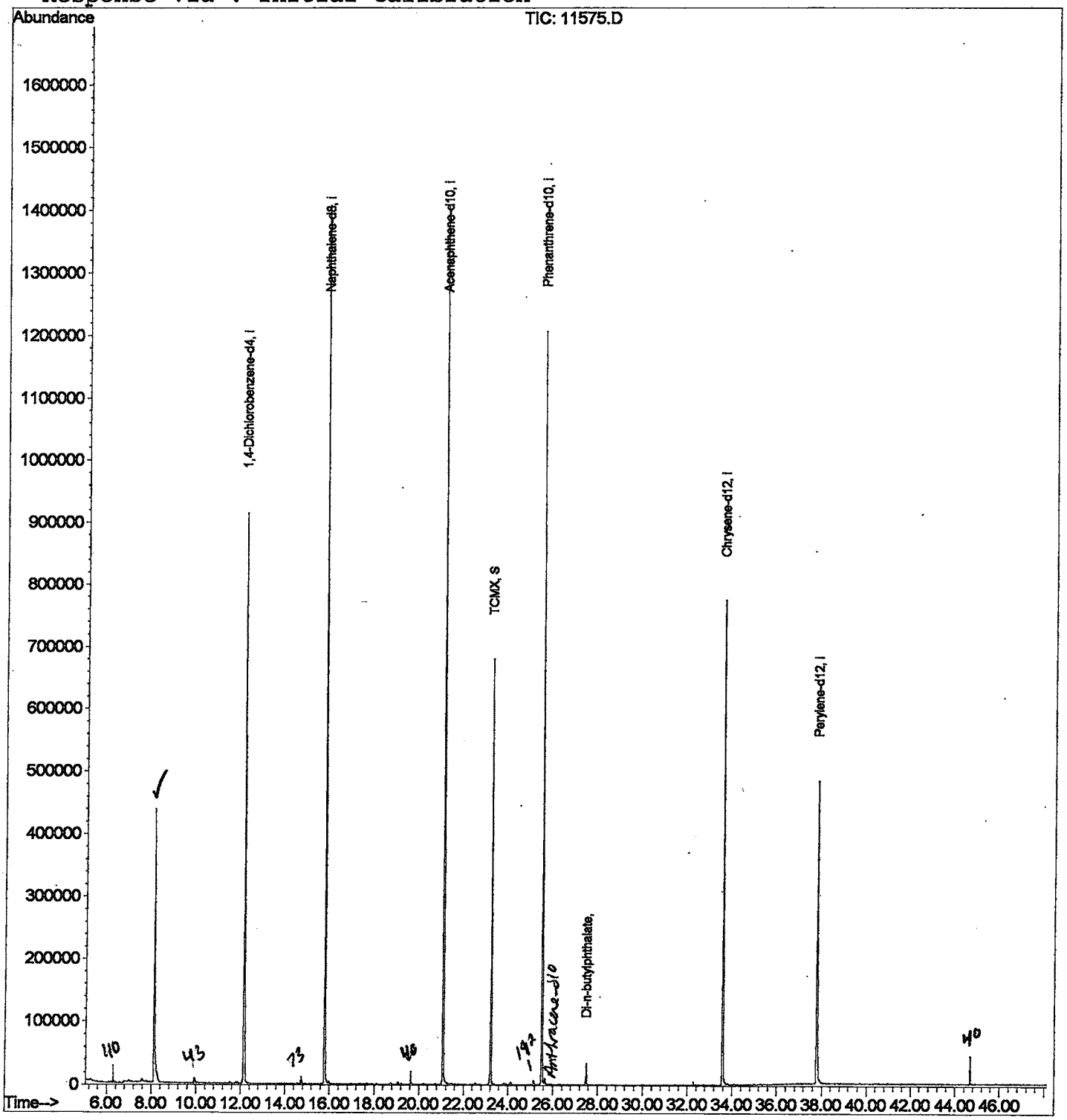
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.53	178	107	N.D.	
36) Di-n-butylphthalate	27.50	149	36702	1.27 ug/l #	97
37) Fluoranthene	29.22	202	175	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.57	228	1307	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.80	149	1017	N.D.	
43) Chrysene	33.57	228	1307	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.79	252	1380	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) 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\MAY2102\11575.D Vial: 8
Acq On : 22 May 2002 8:18 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 13:43 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11575.D Vial: 8
Acq On : 22 May 2002 8:18 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

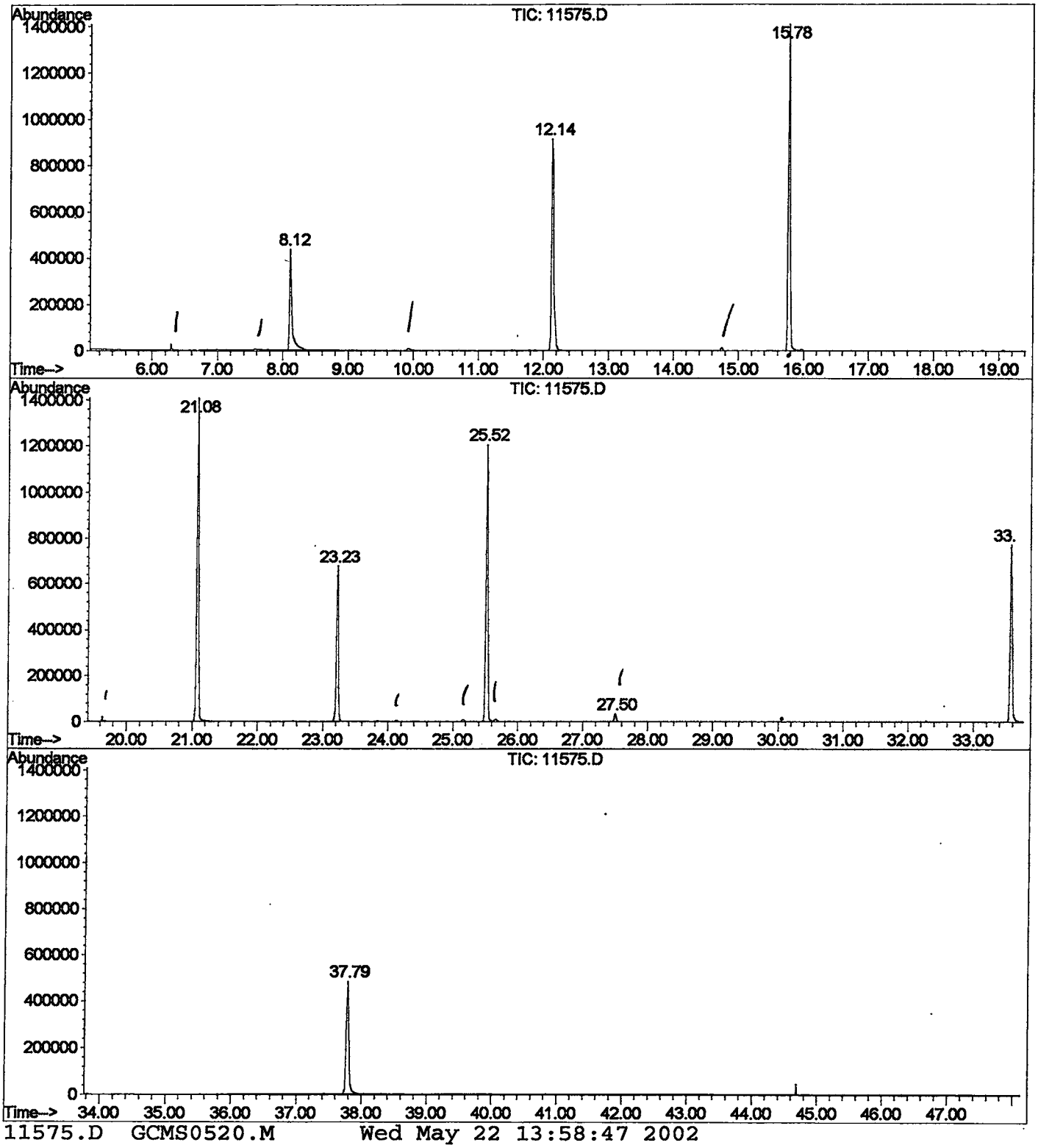
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.115	331	335	364	rVB	435888	1021109	36.14%	6.413%
2	12.138	769	774	793	rVB	912904	2160705	76.47%	13.570%
3	15.776	1165	1171	1189	rBV	1406206	2804037	99.24%	17.611%
4	21.082	1743	1750	1768	rBV	1409066	2825628	100.00%	17.747%
5	23.226	1975	1984	1997	rBV	679010	1377684	48.76%	8.653%
6	25.517	2228	2234	2246	rBV2	1205864	2512190	88.91%	15.778%
7	27.496	2444	2450	2455	rBV	34208	66229	2.34%	0.416%
8	33.581	3107	3114	3127	rBV	773941	1770263	62.65%	11.118%
9	37.787	3564	3573	3597	rBV2	481133	1384239	48.99%	8.694%

Sum of corrected areas: 15922084

11575.D GCMS0520.M Wed May 22 13:58:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11575.D
Operator :
Acquired : 22 May 2002 8:18 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 8
Quant File :GCMS0520.RES (RTE Integrator)



11575.D GCMS0520.M Wed May 22 13:58:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11575.D Vial: 8
Acq On : 22 May 2002 8:18 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

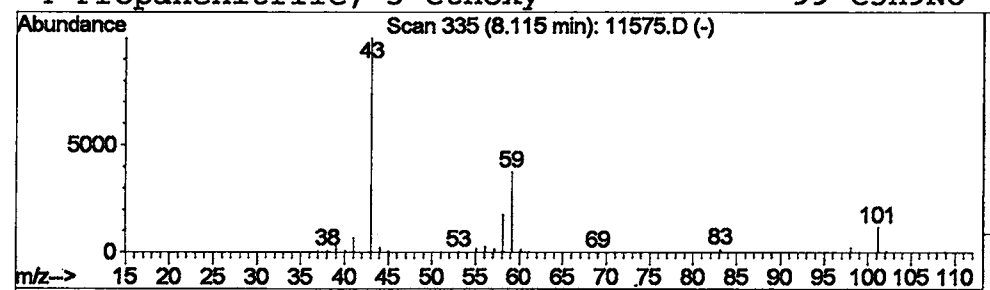
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

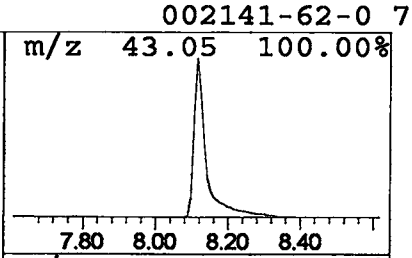
****

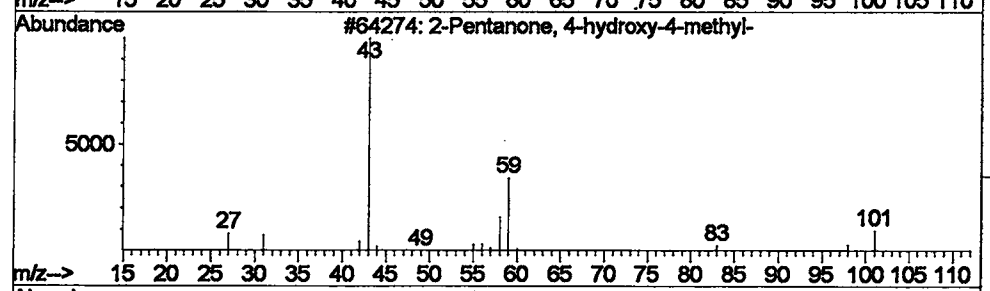
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

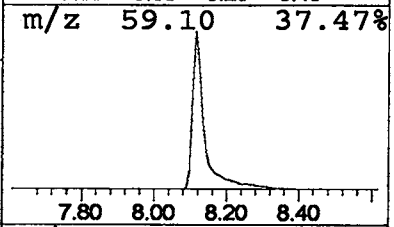
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	18.90 ug/l	1021110	1,4-Dichlorobenzene-d4	12.14

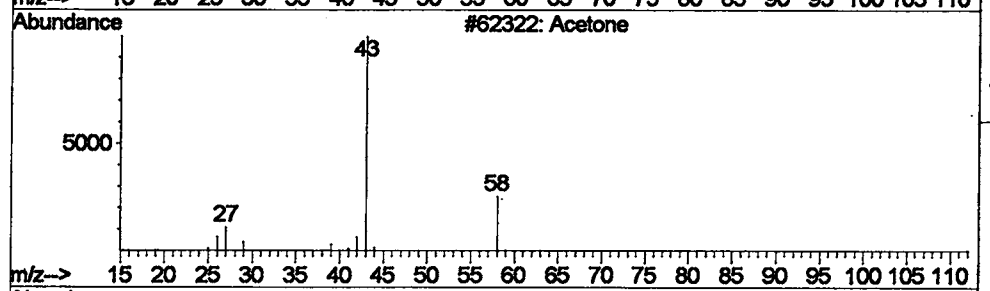
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetone	58	C3H6O	000067-64-1	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	7

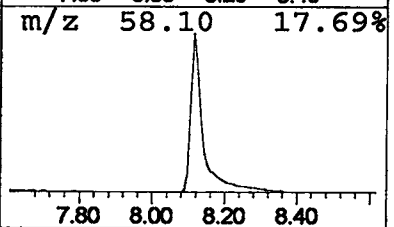


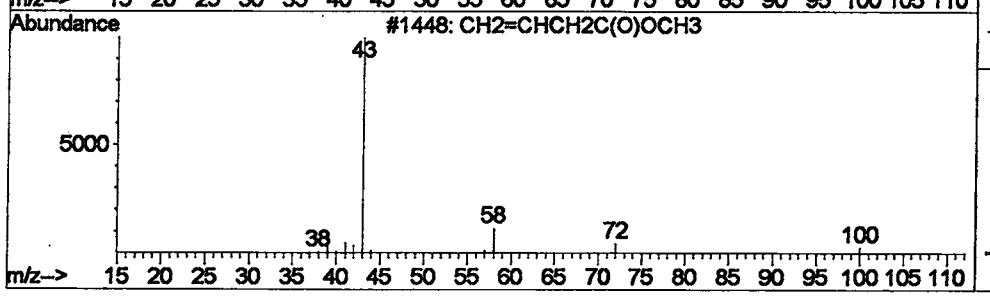


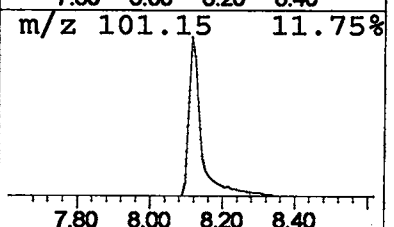


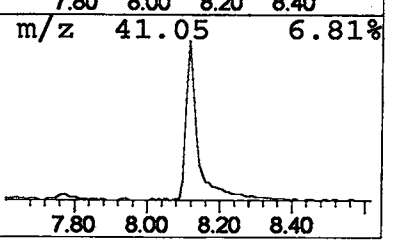












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 8:18 am
Data File: C:\HPCHEM\1\DATA\MAY2102\11575.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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~~	8.12	18.9	ug/l	1021110	ISTD01	12.14	2160710	40.0

11575.D GCMS0520.M Wed May 22 13:58:48 2002