User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:25:48

Sample: AE12152
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 15:25 Ended: 6/6/02 15:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE12152 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 15:26:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard is low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\12152.D Vial: 6
Acq On : 24 May 2002 8:28 pm Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:44 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 11:39:13 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	540299	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	2124159	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	1017147	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1422159	40.00	ug/l	-0.02
38) Chrysene-d12	33.58	240	702088	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	470935	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	180892	35.39	ug/L	-0.01
Spiked Amount 40.000			Recovery = 88.48%			
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	12.05	146	117	N.D.		
5) 1,4-Dichlorobenzene	12.18	146	555	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	15.83	128	467	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	22.56	149	393	N.D.		
26) 4-Chlorophenylphenylether	23.22	204	1401	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	572	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.53	178	450	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\12152.D Vial: 6
Acq On : 24 May 2002 8:28 pm Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:44 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 11:39:13 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.53	178	450	N.D.	
36)	Di-n-butylphthalate	27.50	149	3427	N.D.	
37)	Fluoranthene	0.00	202	0	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	2646	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	1172	N.D.	
43)	Chrysene	33.64	228	2175	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.63	252	1027	N.D.	
47)	Benzo(k)fluoranthene	36.70	252	2422	N.D.	
48)	Benzo(a)pyrene	37.59	252	557	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.	

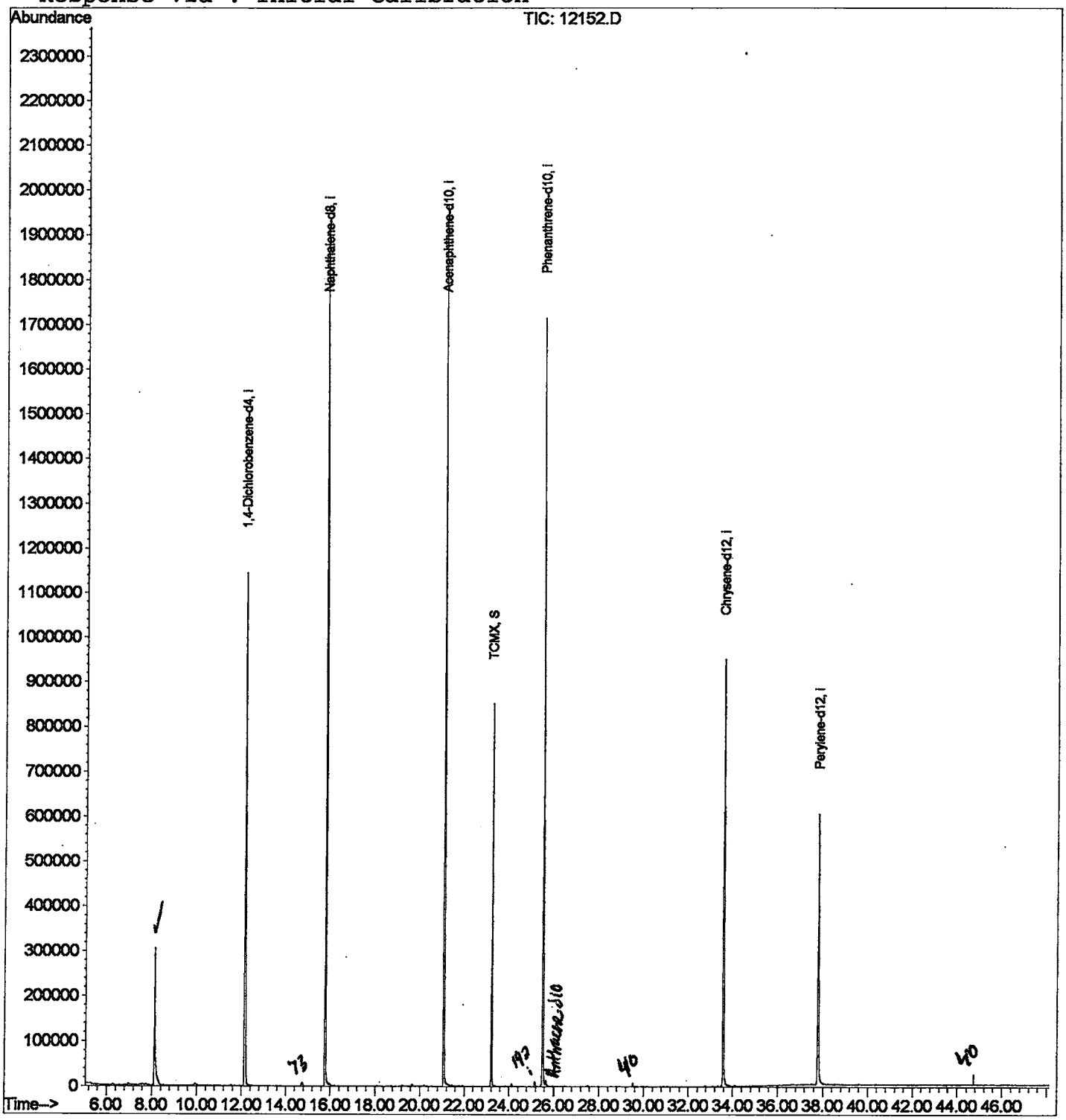
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12152.D
Acq On : 24 May 2002 8:28 pm
Sample : gc/ms scan 5/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 28 11:44 2002

Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 11:39:13 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12152.D Vial: 6
Acq On : 24 May 2002 8:28 pm Operator: Morgan
Sample : gc/ms scan 5/22 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

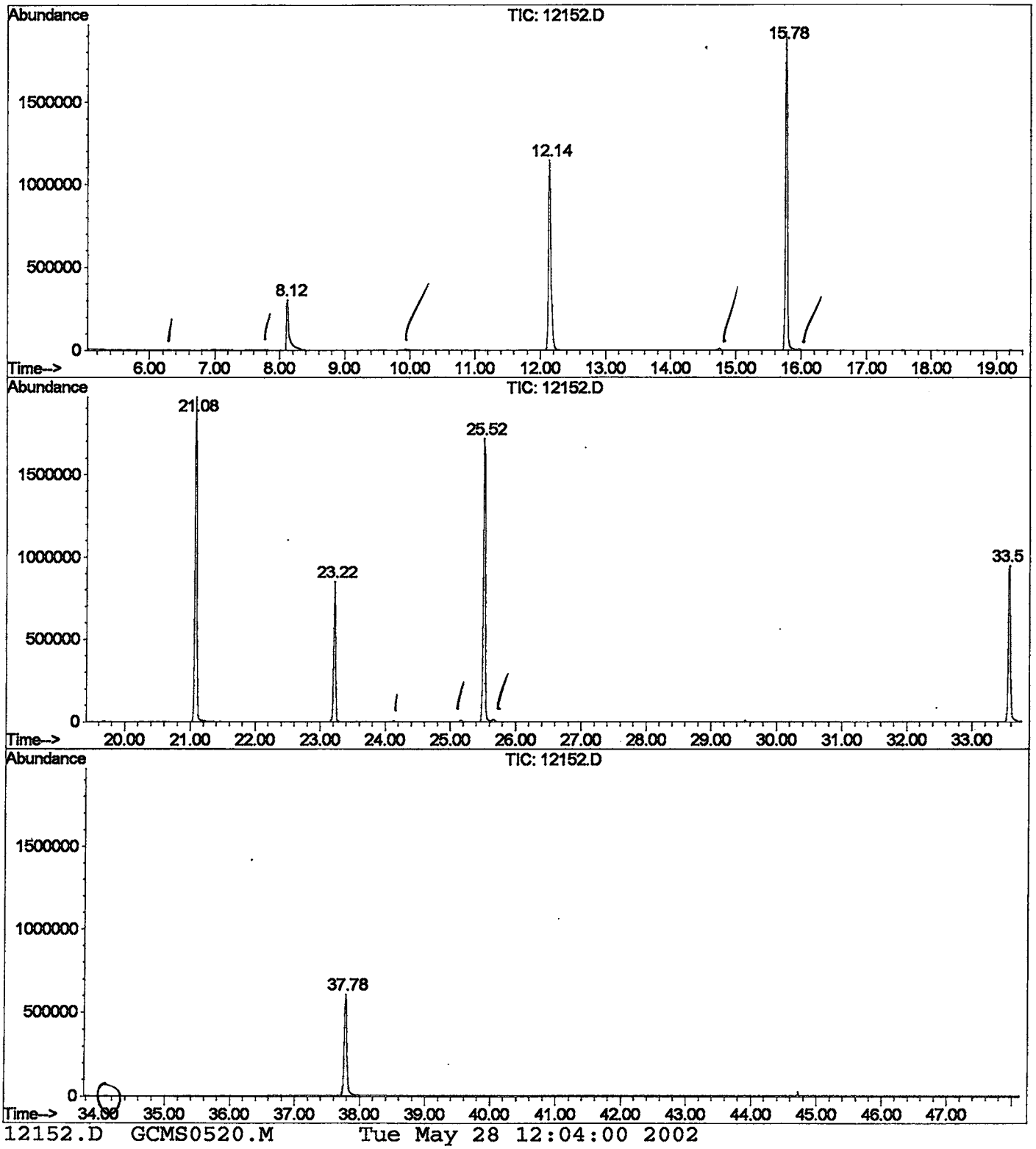
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.121	331	335	364	rBV	303682	857568	21.33%	4.056%
2	12.142	767	773	790	rBV	1144222	2947821	73.31%	13.943%
3	15.777	1163	1169	1187	rBV	1919935	3926529	97.65%	18.572%
4	21.083	1740	1747	1761	rBV	1968806	4021180	100.00%	19.020%
5	23.222	1972	1980	1991	rBV	851040	1726302	42.93%	8.165%
6	25.517	2224	2230	2241	rBV2	1713857	3657374	90.95%	17.299%
7	33.578	3101	3108	3129	rBV2	949801	2246609	55.87%	10.626%
8	37.782	3558	3566	3584	rBV2	602109	1758459	43.73%	8.317%

Sum of corrected areas: 21141842

12152.D GCMS0520.M Tue May 28 12:04:00 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2402\12152.D
Operator : Morgan
Acquired : 24 May 2002 8:28 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: gc/ms scan 5/22
Misc Info :
Vial Number: 6
Quant File :GCMS0520.RES (RTE Integrator)



12152.D GCMS0520.M Tue May 28 12:04:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12152.D
Acq On : 24 May 2002 8:28 pm
Sample : gc/ms scan 5/22
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00

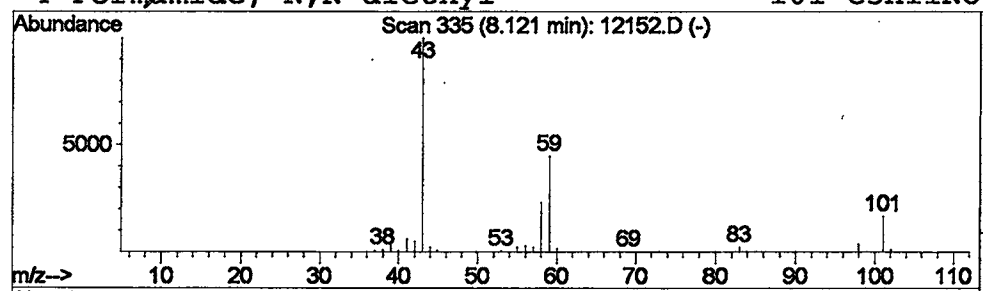
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

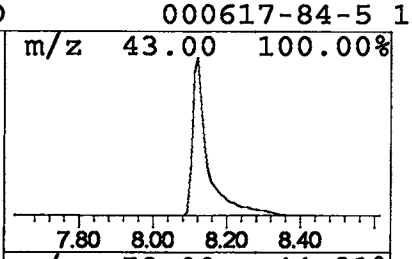
****

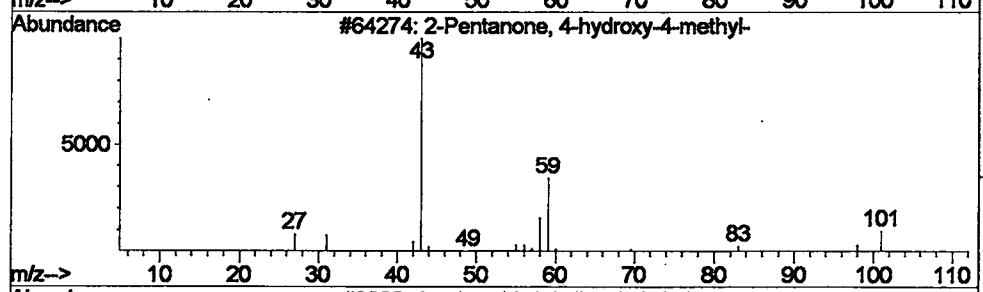
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

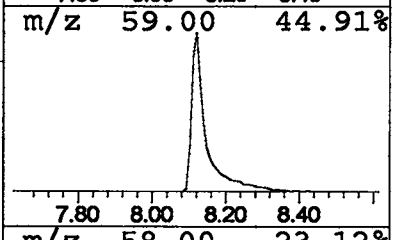
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	11.64 ug/l	857568	1,4-Dichlorobenzene-d4	12.14

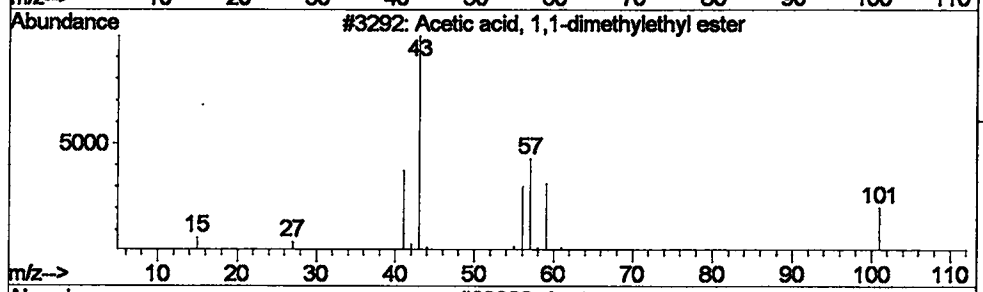
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25
3	Acetone	58	C3H6O	000067-64-1	16
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	12

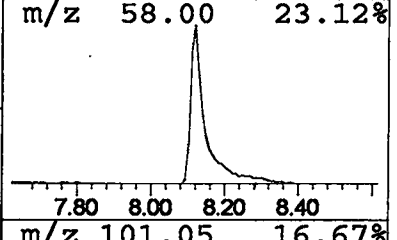


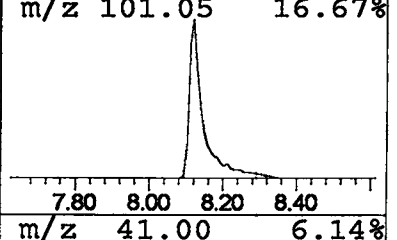


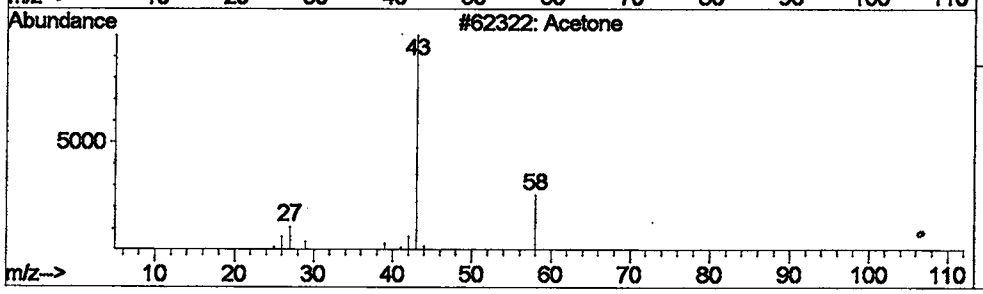


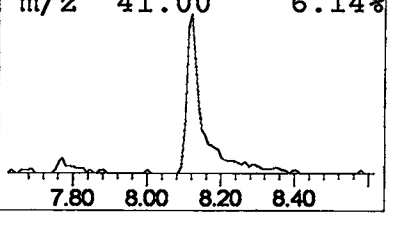












Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 24 May 2002 8:28 pm
Data File: C:\HPCHEM\1\DATA\MAY2402\12152.D
Name: gc/ms scan 5/22
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	11.6	ug/l	857568	ISTD01	12.14	2947820	40.0

12152.D GCMS0520.M Tue May 28 12:04:02 2002