User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 15:30:58

Sample: AE09654
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 15:30 Ended: 5/23/02 15:30 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 AE09654 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 15:31:53

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\MAY2002\9654.D Vial: 12
Acq On : 20 May 2002 5:59 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:28 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 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	319347	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1247456	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	583450	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	765059	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	419561	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	255415	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	105688	36.04	ug/L	0.00
Spiked Amount 40.000			Recovery = 90.10%			
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	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.	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-Chlorophenylphenylether	23.22	204	366	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	185	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9654.D Vial: 12
Acq On : 20 May 2002 5:59 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:28 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.50	149	11196	0.45 ug/l #	99
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	33.58	228	871	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	1397	N.D.	
43)	Chrysene	33.58	228	871	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.68	252	390	N.D.	
47)	Benzo(k)fluoranthene	36.68	252	390	N.D.	
48)	Benzo(a)pyrene	37.78	252	1009	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.	

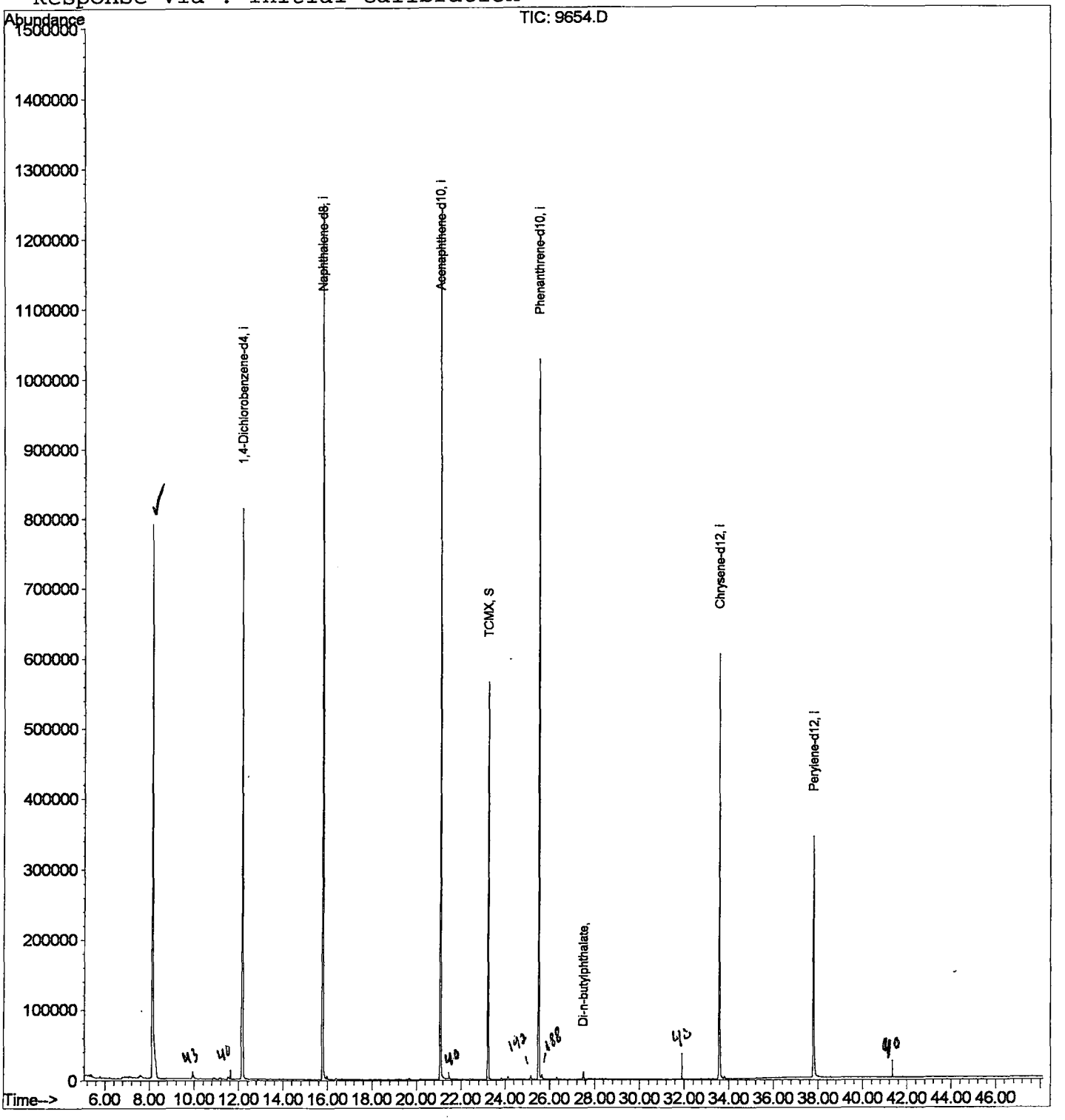
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9654.D
Acq On : 20 May 2002 5:59 pm
Sample : EXTRACTED 5/9
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 21 11:28 2002

Vial: 12
Operator:
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 : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9654.D Vial: 12
Acq On : 20 May 2002 5:59 pm Operator:
Sample : EXTRACTED 5/9 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

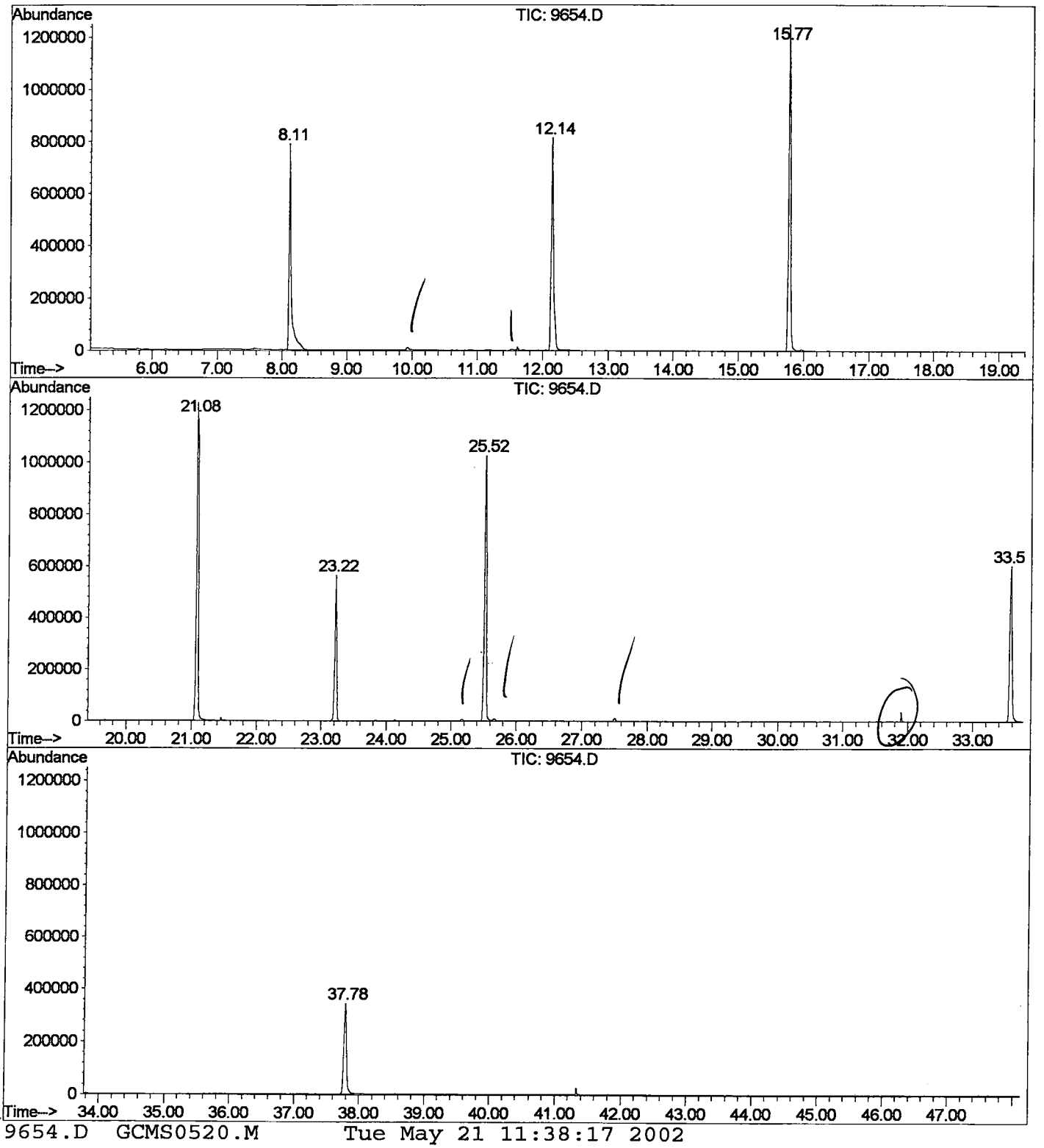
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.113	331	335	366	rVB	788929	1885470	72.44%	12.895%
2	12.145	769	775	790	rBV	813231	2036022	78.23%	13.925%
3	15.773	1165	1171	1189	rBV	1248692	2602654	100.00%	17.801%
4	21.079	1744	1750	1768	rBV	1227032	2519821	96.82%	17.234%
5	23.223	1976	1984	1993	rBV	564806	1115156	42.85%	7.627%
6	25.524	2228	2235	2246	rBV2	1025986	2165621	83.21%	14.812%
7	33.578	3107	3114	3129	rBV2	604292	1338964	51.45%	9.158%
8	37.784	3566	3573	3592	rBV2	341126	957502	36.79%	6.549%

Sum of corrected areas: 14621210

9654.D GCMS0520.M Tue May 21 11:38:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\9654.D
Operator :
Acquired : 20 May 2002 5:59 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 12
Quant File :GCMS0520.RES (RTE Integrator)



9654.D GCMS0520.M Tue May 21 11:38:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9654.D Vial: 12
Acq On : 20 May 2002 5:59 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

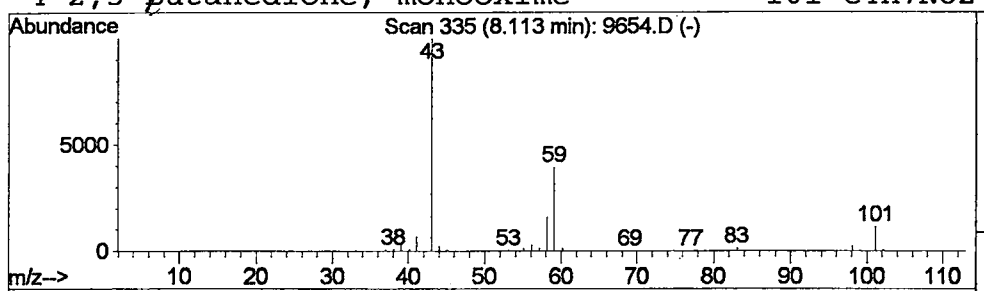
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

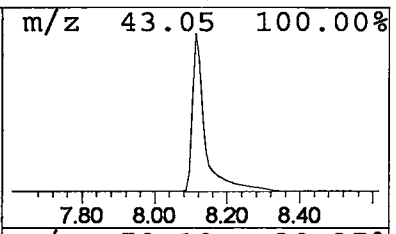
****

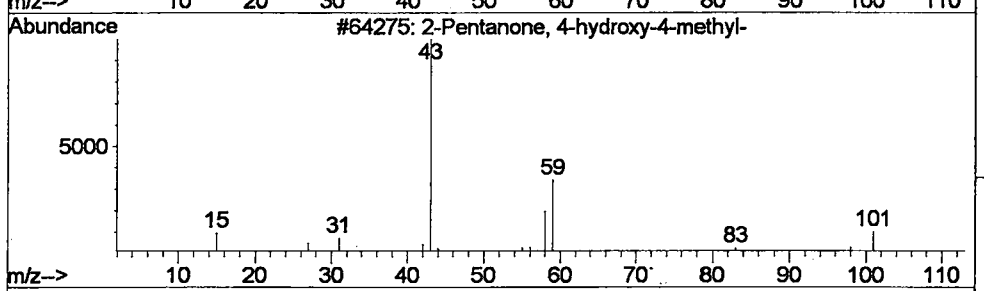
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

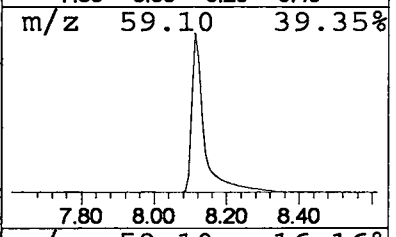
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	37.04 ug/l	1885470	1,4-Dichlorobenzene-d4	12.14

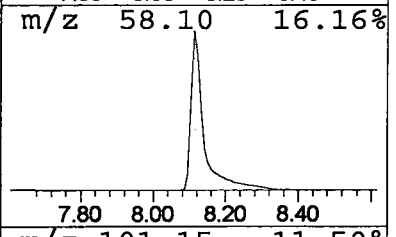
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7

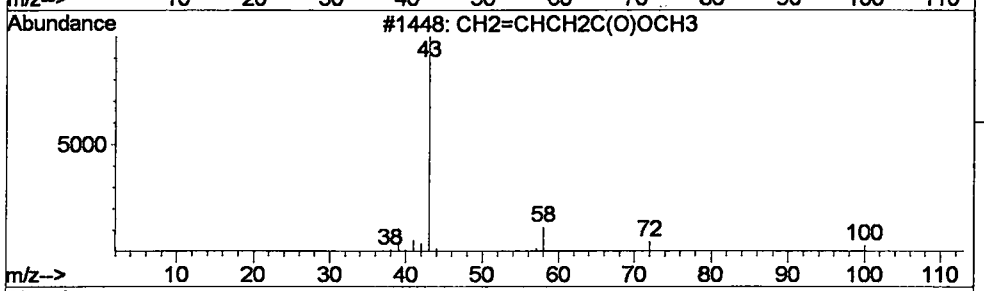


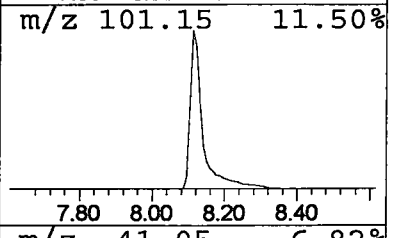


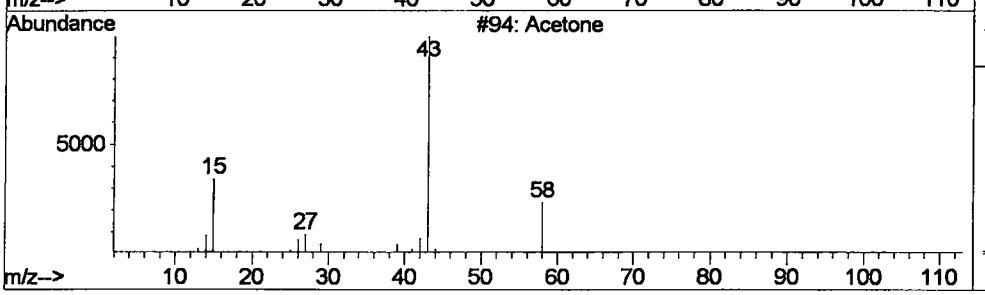


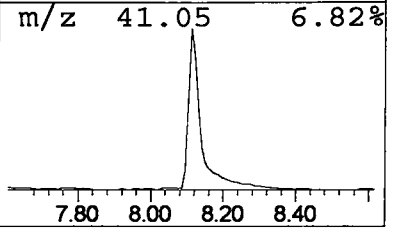












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 5:59 pm
Data File: C:\HPCHEM\1\DATA\MAY2002\9654.D
Name: EXTRACTED 5/9
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	8.11	37.0	ug/l	1885470	ISTD01	12.14	2036020	40.0

9654.D GCMS0520.M Tue May 21 11:38:18 2002