

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 14:34:53

Sample: AE10521
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 14:34 Ended: 5/21/02 14:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE10521 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-21-2002 Time: 14:35:17

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\MAY1002\10521.D

Vial: 44

Acq On : 12 May 2002 8:00 am

Operator:

Sample : gc/ms scan 5/2

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 16 15:59 2002

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Thu May 16 09:35:44 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	653063	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	2395347	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1301245	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1824345	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	1133419	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	657766	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.24	209	49738	7.68	ug/L	-0.04
Spiked Amount	10.000		Recovery	=	76.80%	

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.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	21.35	165	198	N.D.	
25) Diethylphthalate	22.58	149	557	N.D.	
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.55	178	487	N.D.	

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

10521.D GCMS0510.M

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Last Update : Thu May 16 09:35:44 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.55	178	487		N.D.	
36) Di-n-butylphthalate	27.52	149	2068		N.D.	
37) Fluoranthene	0.00	202	0		N.D.	
39) Pyrene	0.00	202	0		N.D.	
40) Butylbenzylphthalate	32.05	149	479		N.D.	
41) Benzo(a)anthracene	33.61	228	2467		N.D.	
42) Bis(2-ethylhexyl)phthalate	33.83	149	5920		N.D.	
43) Chrysene	33.61	228	2467		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	37.84	252	2495		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

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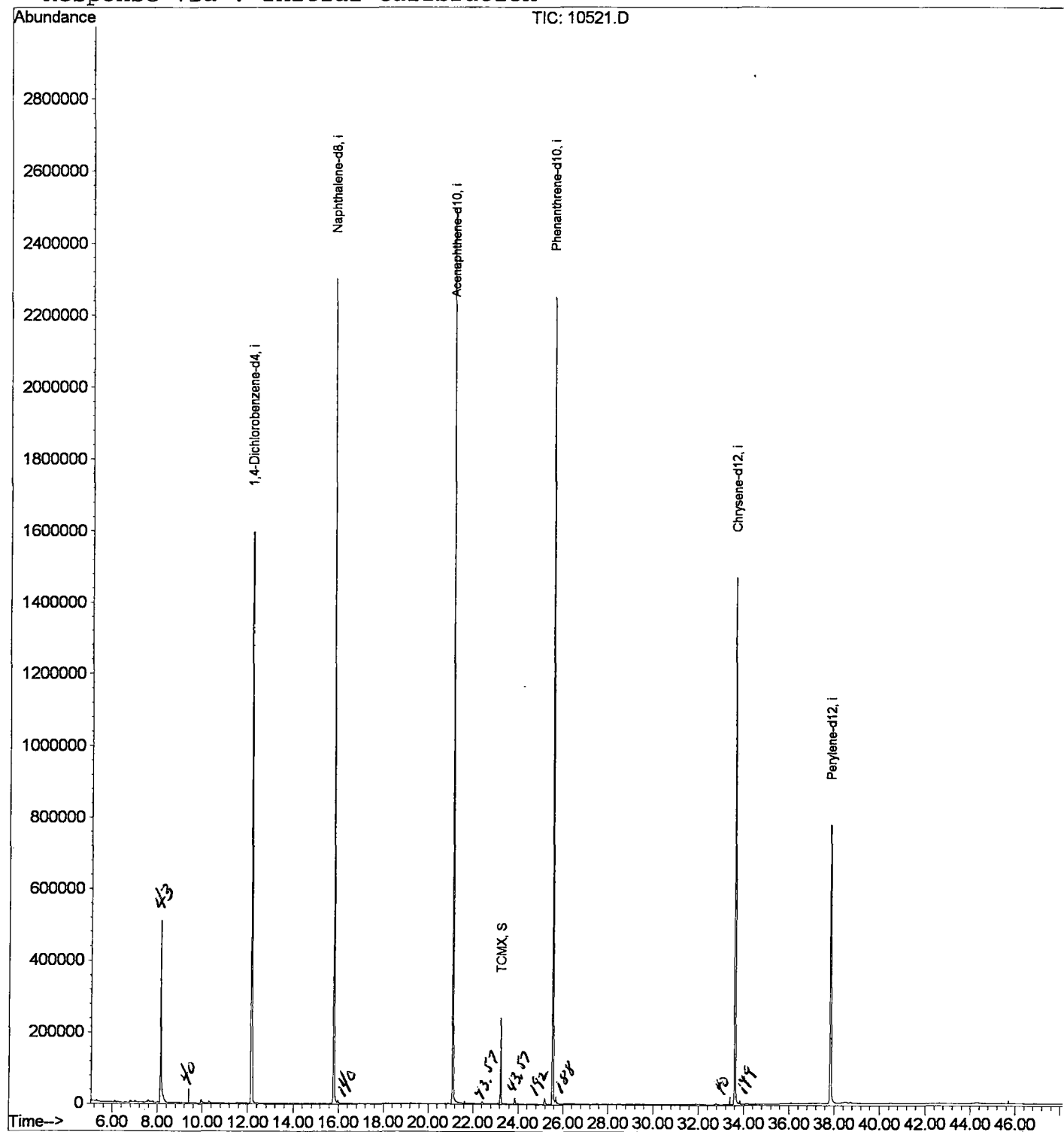
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10521.D
Acq On : 12 May 2002 8:00 am
Sample : gc/ms scan 5/2
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 16 15:59 2002

Vial: 44
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10521.D

Vial: 44

Acq On : 12 May 2002 8:00 am

Operator:

Sample : gc/ms scan 5/2

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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	8.134	334	338	367	rBV	507470	1149408	21.88%	4.439%
2	12.157	772	777	793	rBV	1596583	3711052	70.66%	14.331%
3	15.795	1168	1174	1191	rBV	2300534	4701943	89.52%	18.157%
4	21.101	1746	1753	1773	rBV	2498879	5252115	100.00%	20.282%
5	23.236	1978	1986	1994	rVB	240098	475024	9.04%	1.834%
6	25.545	2231	2238	2249	rBV2	2251799	4879262	92.90%	18.842%
7	33.609	3111	3118	3134	rBV2	1472089	3412030	64.96%	13.176%
8	37.834	3571	3579	3596	rBV2	775680	2314792	44.07%	8.939%

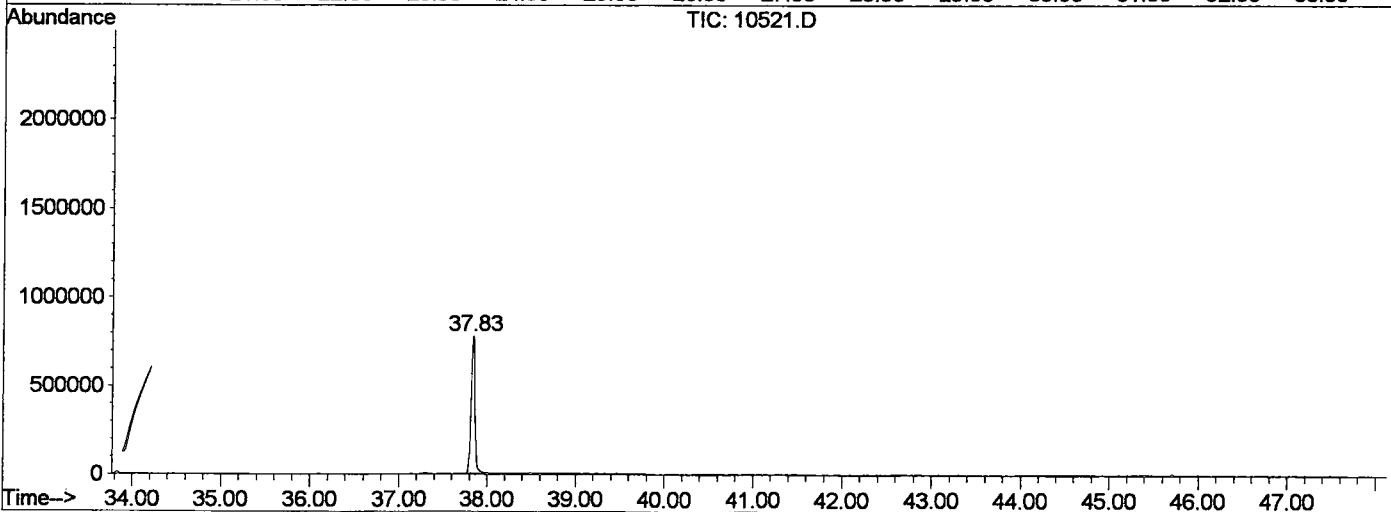
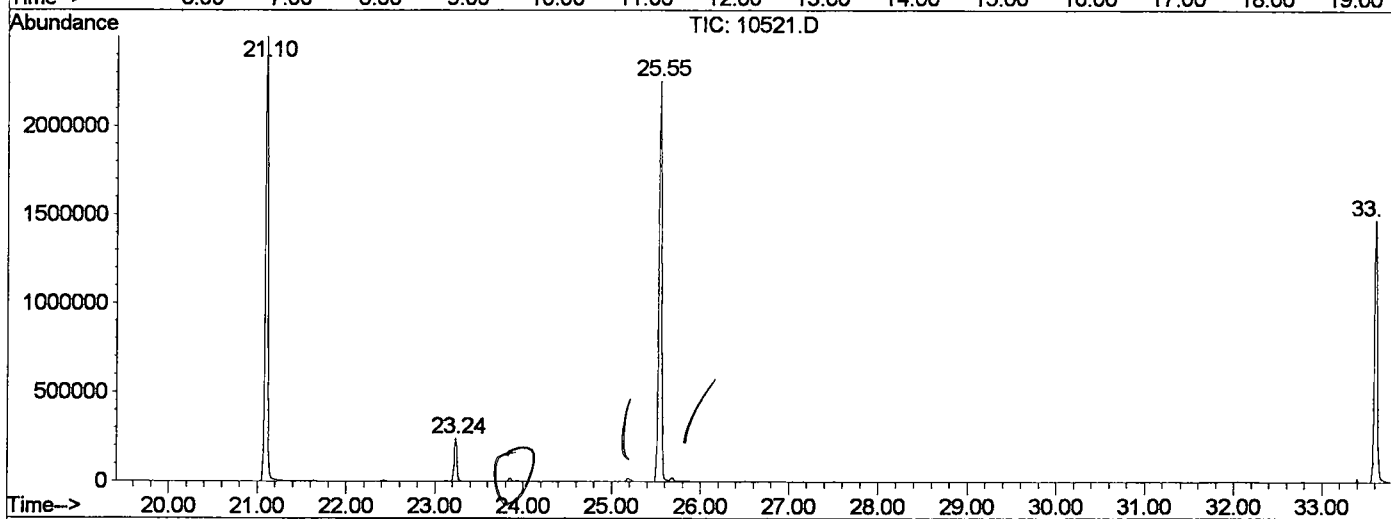
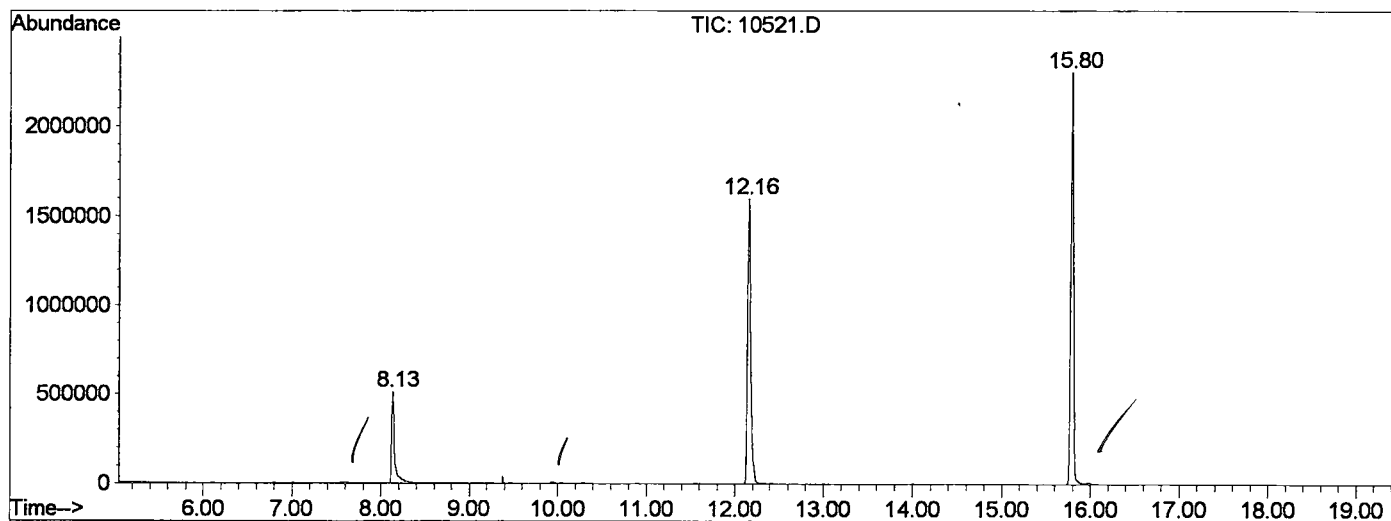
Sum of corrected areas: 25895626

10521.D GCMS0510.M

Thu May 16 16:09:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10521.D
 Operator :
 Acquired : 12 May 2002 8:00 am using AcqMethod GCMS0507
 Instrument : 209
 Sample Name: gc/ms scan 5/2
 Misc Info :
 Vial Number: 44
 Quant File :GCMS0510.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10521.D
Acq On : 12 May 2002 8:00 am
Sample : gc/ms scan 5/2
Misc :
MS Integration Params: LSCINT.P

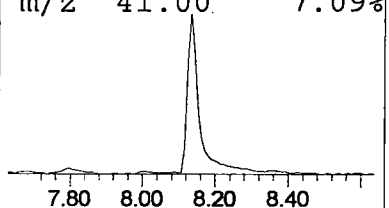
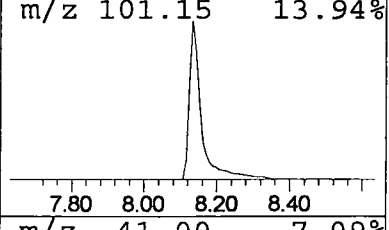
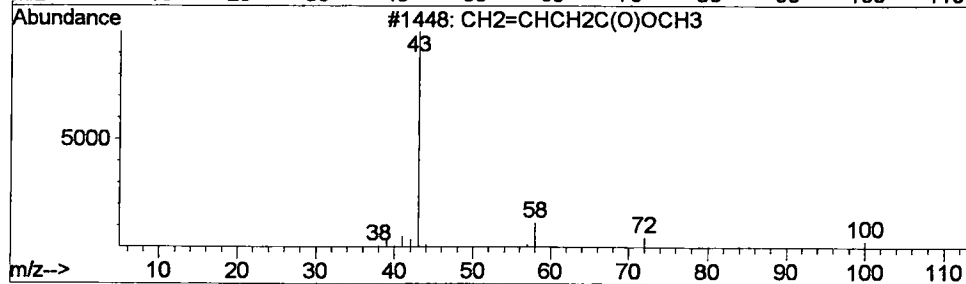
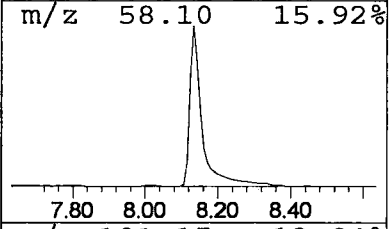
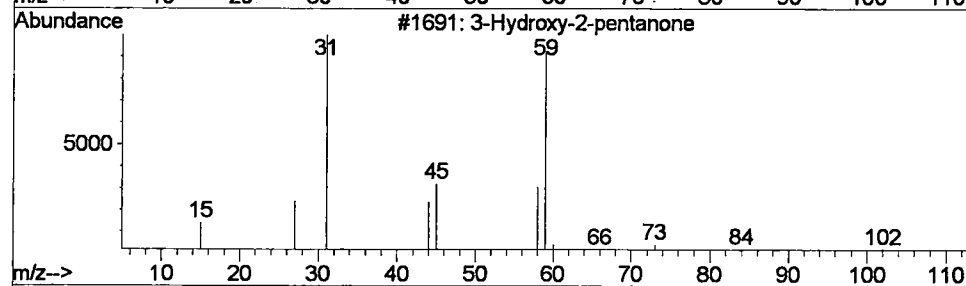
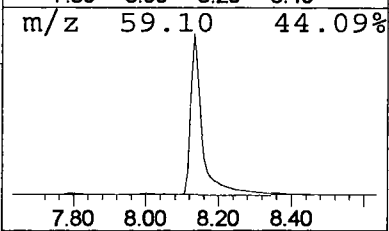
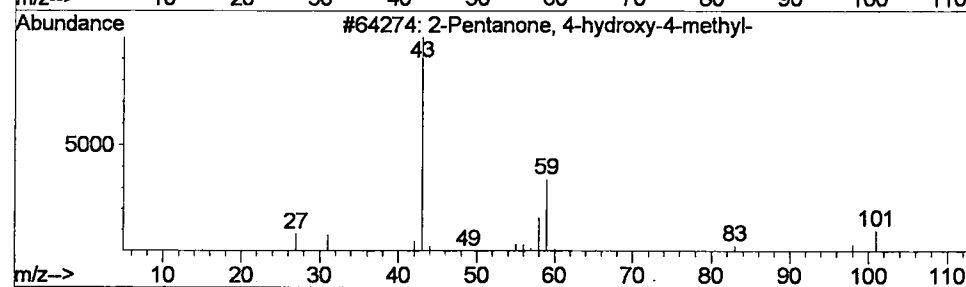
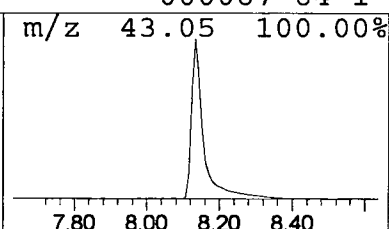
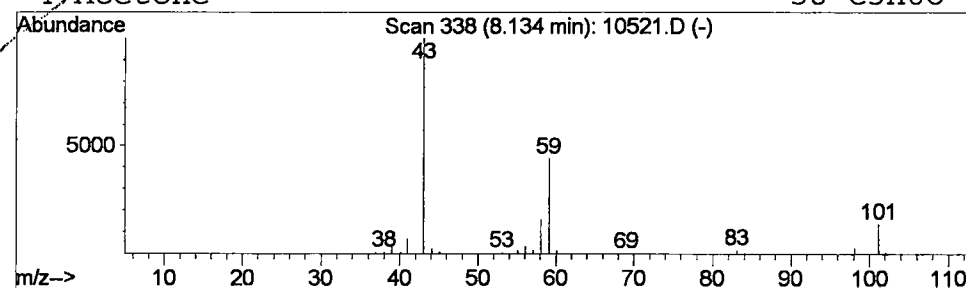
Vial: 44
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.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.
8.13	12.39 ug/l	1149410	1,4-Dichlorobenzene-d4	12.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	8
4			Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 8:00 am
 Data File: C:\HPCHEM\1\DATA\MAY1002\10521.D
 Name: gc/ms scan 5/2
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.13	12.4	ug/l	1149410	ISTD01	12.16	3711050	40.0

10521.D GCMS0510.M Thu May 16 16:09:22 2002