

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 08:20:39

Sample: AE11601
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/31/02 08:20 Ended: 5/31/02 08:20 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 AE11601 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-31-2002 Time: 08:20:52

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\10601.D
 Acq On : 23 May 2002 5:01 am
 Sample : EXTRACT5/20
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 24 8:30 2002

Vial: 40
 Operator:
 Inst : 209
 Multiplr: 1.00

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	442771	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1738598	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.09	164	833399	40.00	ug/l	0.00
30) Phenanthrene-d10	25.53	188	1092035	40.00	ug/l	0.00
38) Chrysene-d12	33.60	240	629544	40.00	ug/l	-0.01
44) Perylene-d12	37.82	264	420149	40.00	ug/l	0.02

System Monitoring Compounds

28) TCMX	23.23	209	160790	38.39	ug/L	0.00
Spiked Amount	40.000		Recovery	=	95.97%	

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	14.49	82	1644	N.D.	
13) bis(2-Chloroethoxy) methane	15.16	93	235	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.83	128	412	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	20.44	163	789	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	1516	N.D.	
26) 4-Chlorophenylphenylether	23.23	204	623	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.23	168	422	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.60	178	736	N.D.	

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

10601.D GCMS0520.M Fri May 24 08:30:46 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\10601.D

Vial: 40

Acq On : 23 May 2002 5:01 am

Operator:

Sample : EXTRACT5/20

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 24 8:30 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	25.60	178	940	N.D.	
36) Di-n-butylphthalate	27.51	149	43669	1.22 ug/l	99
37) Fluoranthene	29.23	202	752	N.D.	
39) Pyrene	29.91	202	350	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.61	228	1419	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.83	149	2348	N.D.	
43) Chrysene	33.61	228	1419	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	37.83	252	1639	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
10601.D GCMS0520.M Fri May 24 08:30:47 2002

Page 2

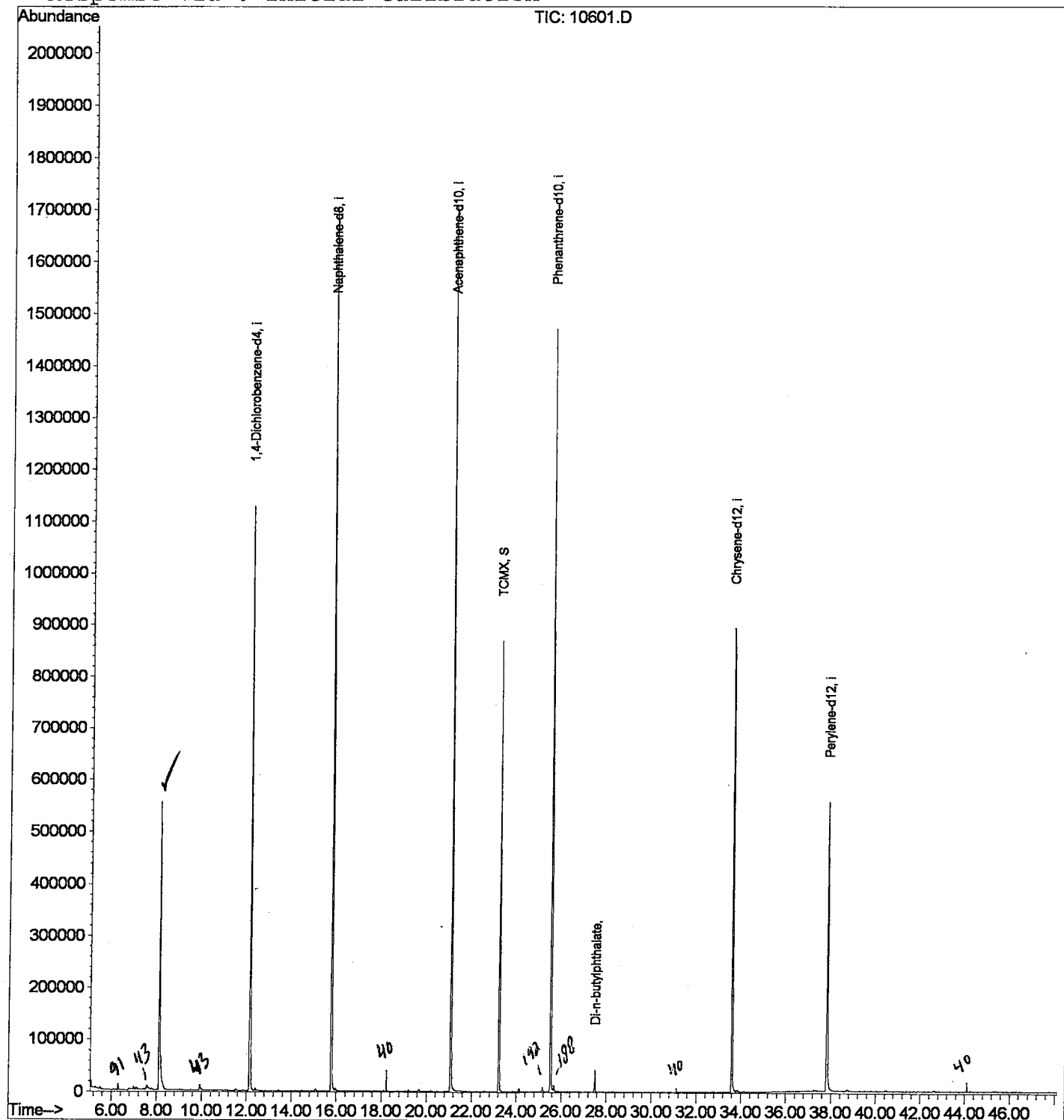
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\10601.D
 Acq On : 23 May 2002 5:01 am
 Sample : EXTRACT5/20
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 24 8:30 2002

Vial: 40
 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\MAY2102\10601.D
 Acq On : 23 May 2002 5:01 am
 Sample : EXTRACT5/20
 Misc :
 MS Integration Params: LSCINT.P

Vial: 40
 Operator:
 Inst : 209
 Multiplr: 1.00

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

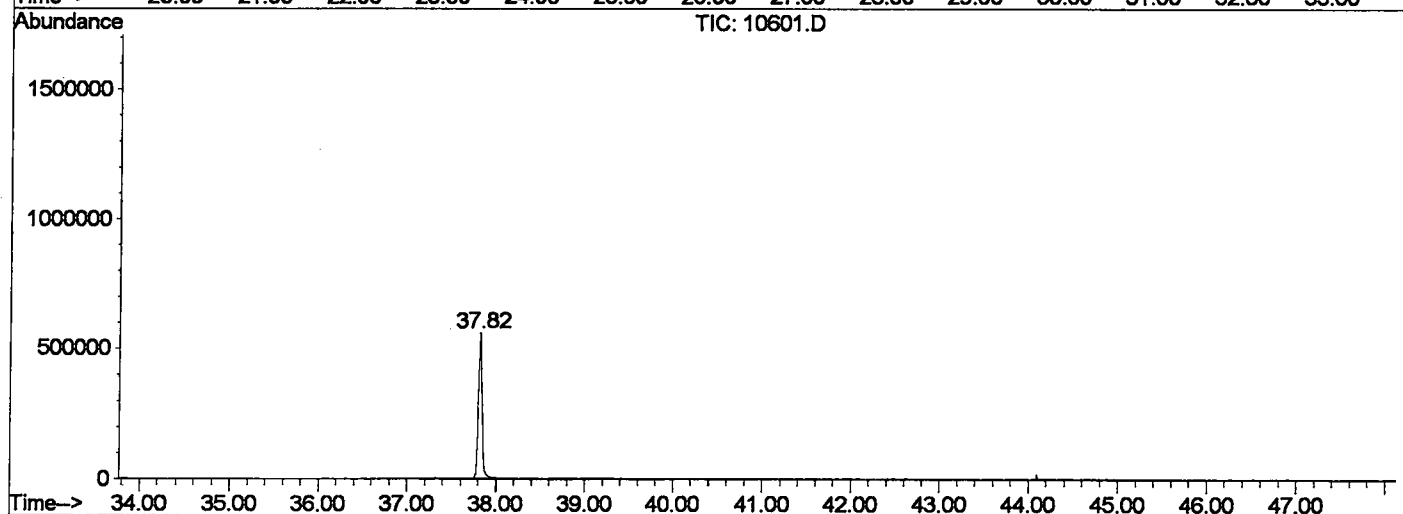
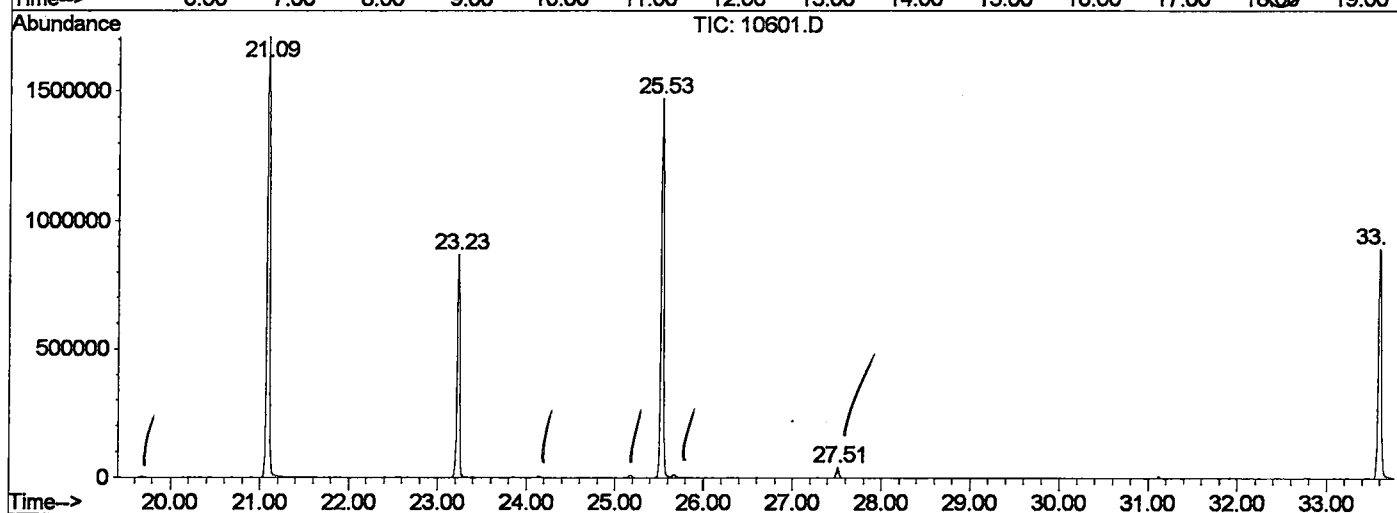
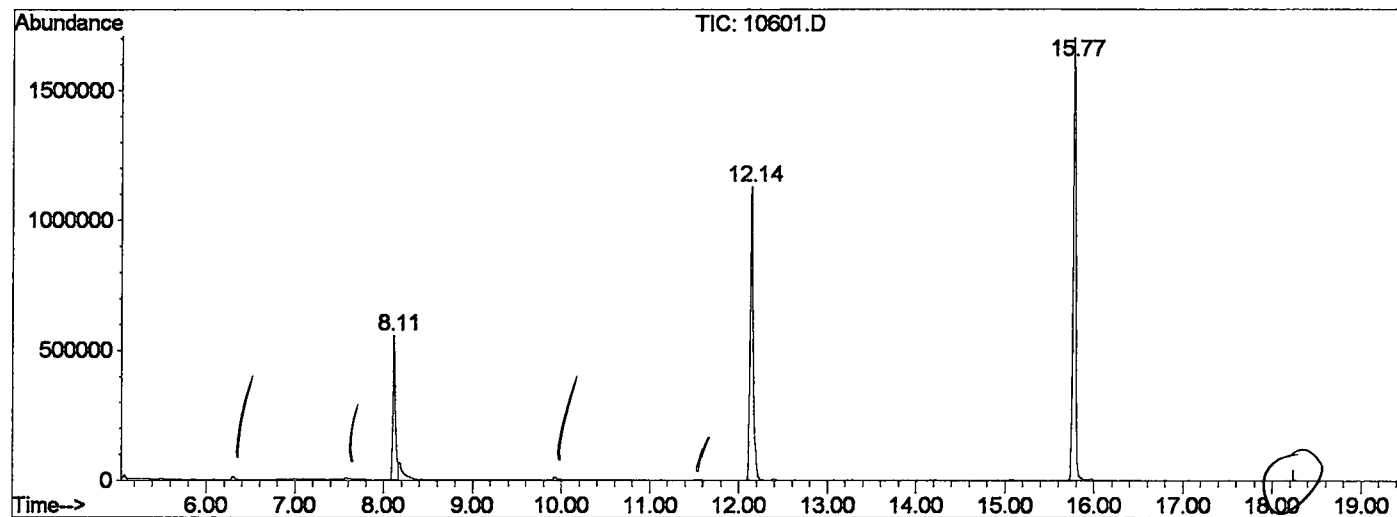
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.112	331	335	341	rBV	553170	1105110	31.12%	5.693%
2	12.144	769	775	792	rBV	1126129	2693475	75.85%	13.876%
3	15.773	1165	1171	1188	rBV	1700028	3515228	99.00%	18.110%
4	21.088	1744	1751	1765	rBV	1708437	3550842	100.00%	18.293%
5	23.232	1976	1985	1998	rBV	868323	1729320	48.70%	8.909%
6	25.532	2229	2236	2247	rBV2	1468942	3099562	87.29%	15.968%
7	27.512	2447	2452	2457	rBV	41251	76435	2.15%	0.394%
8	33.596	3110	3116	3132	rBV2	892931	2052603	57.81%	10.575%
9	37.821	3570	3577	3595	rBV2	553808	1588116	44.73%	8.182%

Sum of corrected areas: 19410691

10601.D GCMS0520.M Fri May 24 08:32:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\10601.D
 Operator :
 Acquired : 23 May 2002 5:01 am using AcqMethod GCMS0520
 Instrument : 209
 Sample Name: EXTRACT5/20
 Misc Info :
 Vial Number: 40
 Quant File :GCMS0520.RES (RTE Integrator)



10601.D GCMS0520.M Fri May 24 08:32:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\10601.D
 Acq On : 23 May 2002 5:01 am
 Sample : EXTRACT5/20
 Misc :
 MS Integration Params: LSCINT.P

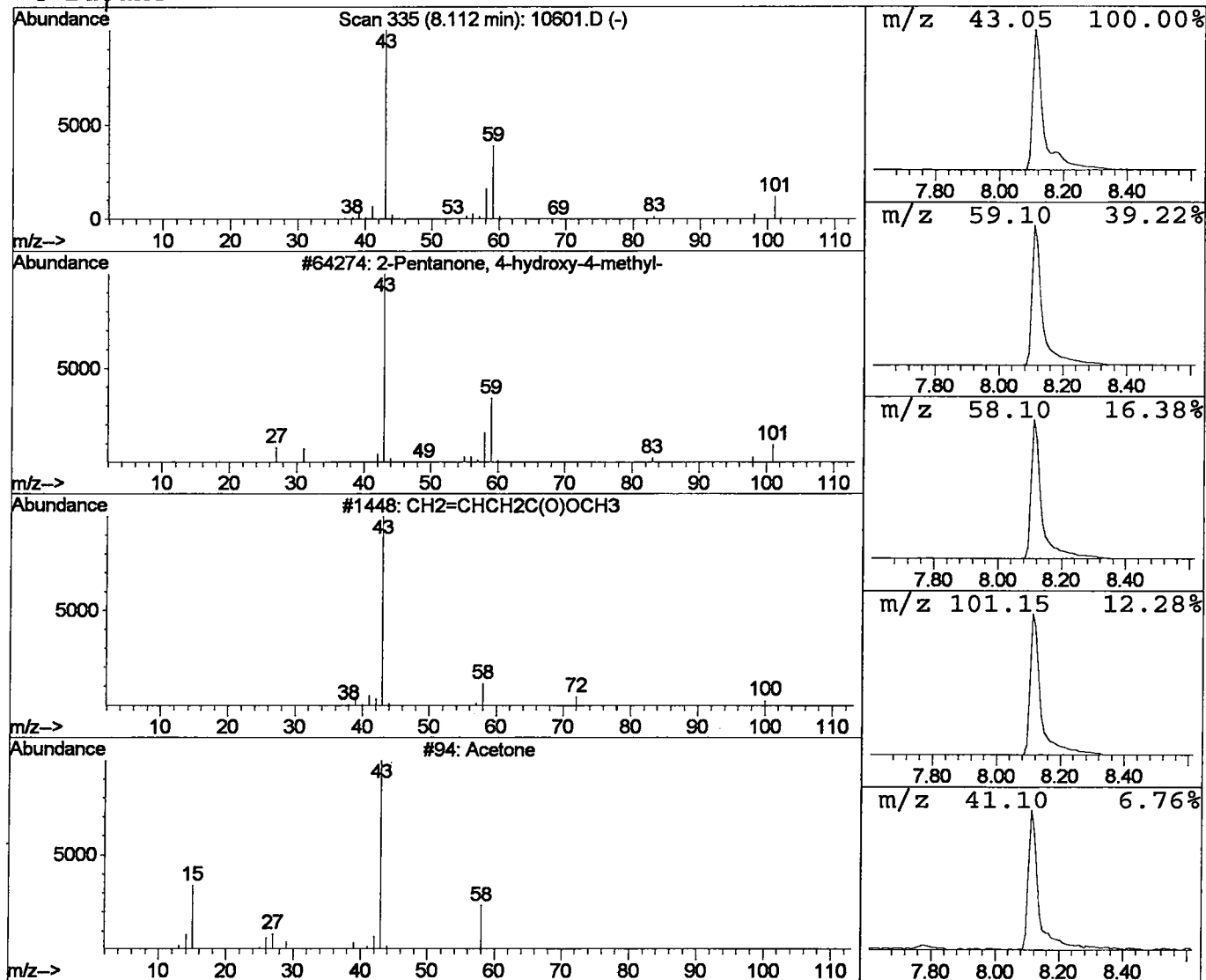
Vial: 40
 Operator:
 Inst : 209
 Multiplr: 1.00

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.
8.11	16.41 ug/l	1105110	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	Butane	58	C4H10	000106-97-8	5	



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 May 2002 5:01 am
 Data File: C:\HPCHEM\1\DATA\MAY2102\10601.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	8.11	16.4	ug/l	1105110	ISTD01	12.14	2693480	40.0
10601.D GCMS0520.M	Fri May 24 08:32:06 2002							