Comments for Sample AE09391 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 15:27:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for the Surrogate Standard was 64%. This sample will be re-extracted. Re-analysis yields a Surrogate Standard recovery of 84%.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 15:27:08

Sample: AE09391
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 14:10 Ended: 5/8/02 14:10 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr 2,4 DDD	LSPEC	64		10.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\9391.D Vial: 8
Acq On : 8 May 2002 5:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:36 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	466544	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1711521	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.13	164	939900	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1275759	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	717535	40.00	ug/l	-0.01
44) Perylene-d12	37.85	264	441699	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	39453	8.44	ug/L	0.00
Spiked Amount 10.000			Recovery = 84.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	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-Nitroso-di-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.		
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	22.61	149	664	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.56	178	329	N.D.		

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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

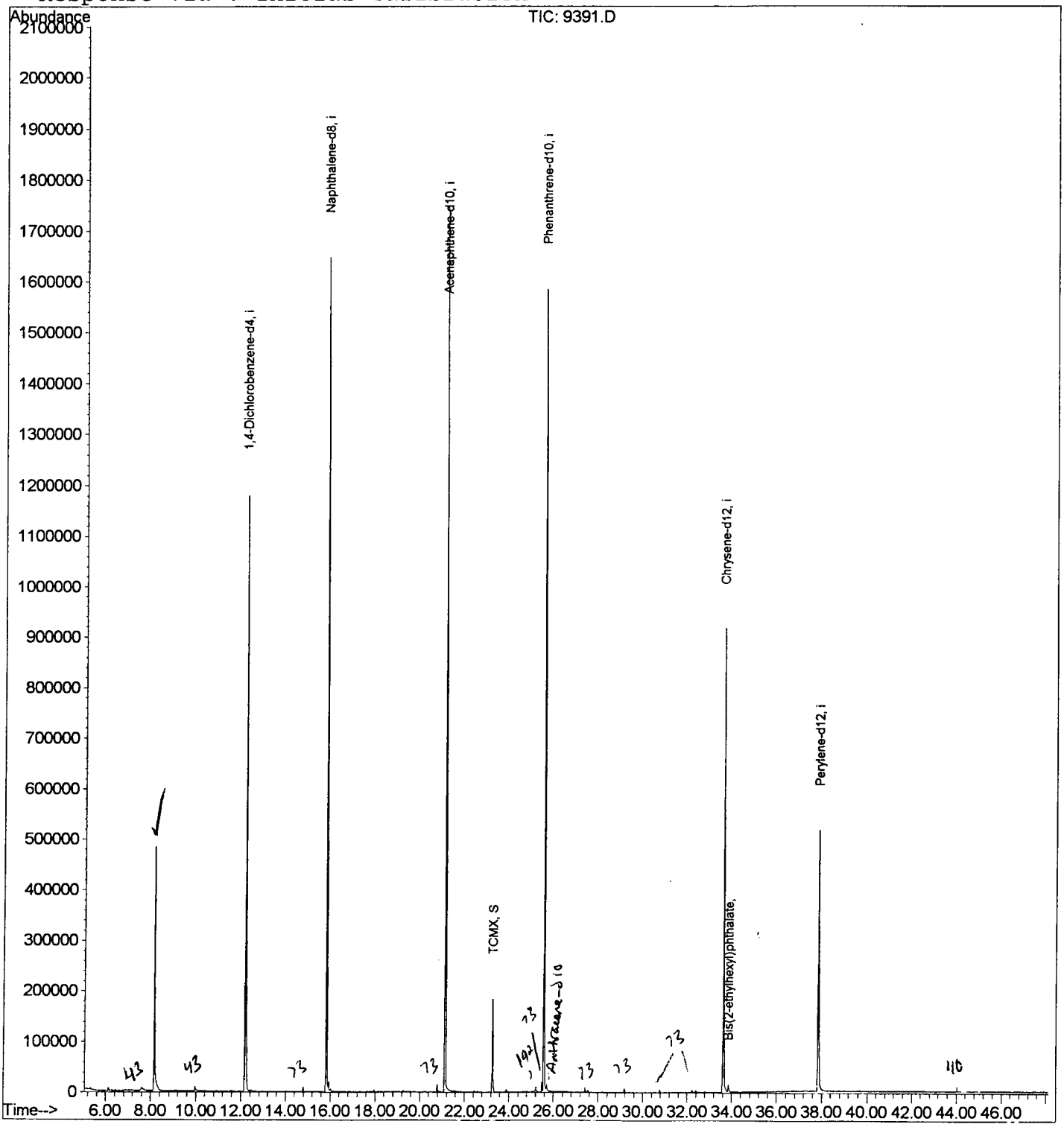
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.77	178	301	N.D.	
36)	Di-n-butylphthalate	27.54	149	4716	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	3075	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	10054	0.62 ug/l	96
43)	Chrysene	33.70	228	2631	N.D.	
45)	Di-n-Octylphthalate	35.59	149	1096	N.D.	
46)	Benzo(b)fluoranthene	36.69	252	1445	N.D.	
47)	Benzo(k)fluoranthene	36.74	252	2075	N.D.	
48)	Benzo(a)pyrene	37.67	252	424	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\MAY0802\9391.D Vial: 8
Acq On : 8 May 2002 5:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:36 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9391.D Vial: 8
Acq On : 8 May 2002 5:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

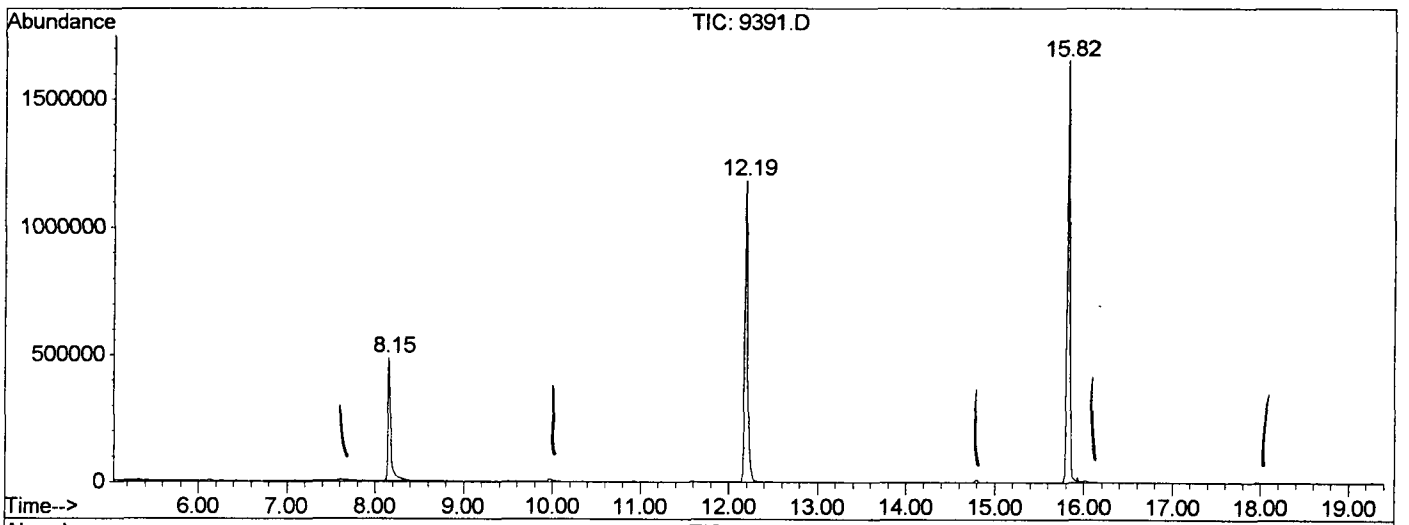
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.153	337	340	372	rVB	482207	1094901	29.06%	5.967%
2	12.194	775	781	796	rBV	1178773	2646466	70.24%	14.423%
3	15.823	1171	1177	1188	rBV	1646180	3359537	89.16%	18.310%
4	21.128	1749	1756	1776	rBV	1749953	3767891	100.00%	20.535%
5	23.273	1981	1990	1998	rBV2	183694	406312	10.78%	2.214%
6	25.573	2235	2241	2251	rVV2	1584011	3386024	89.87%	18.454%
7	33.627	3113	3120	3140	rBV2	915899	2149165	57.04%	11.713%
8	37.861	3574	3582	3600	rBV2	514195	1538056	40.82%	8.383%

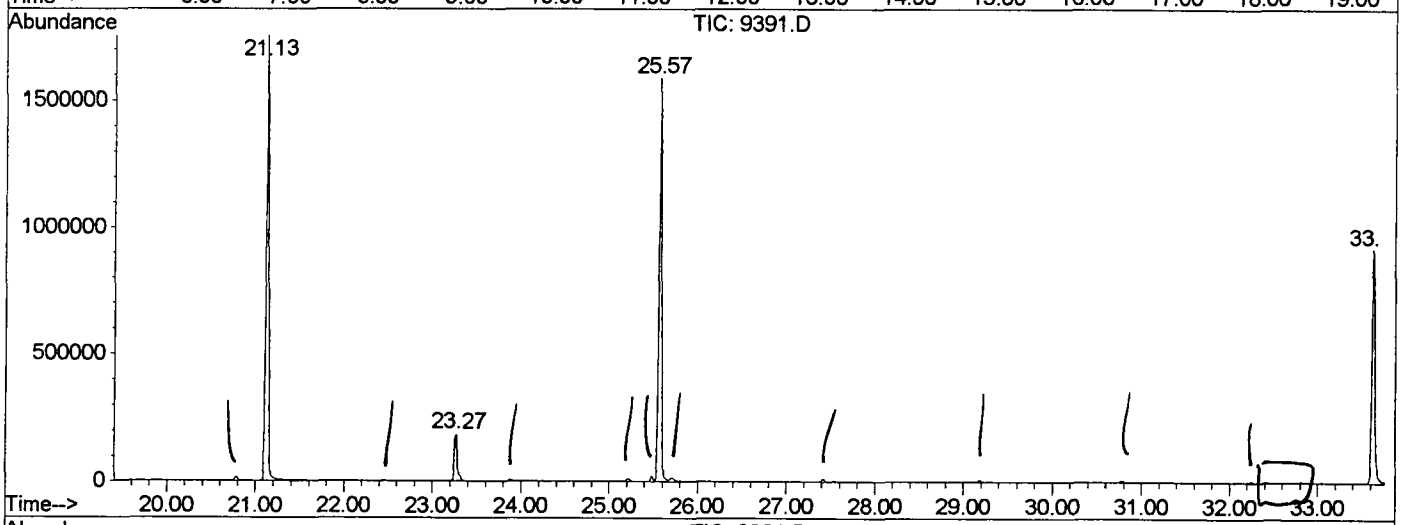
Sum of corrected areas: 18348352

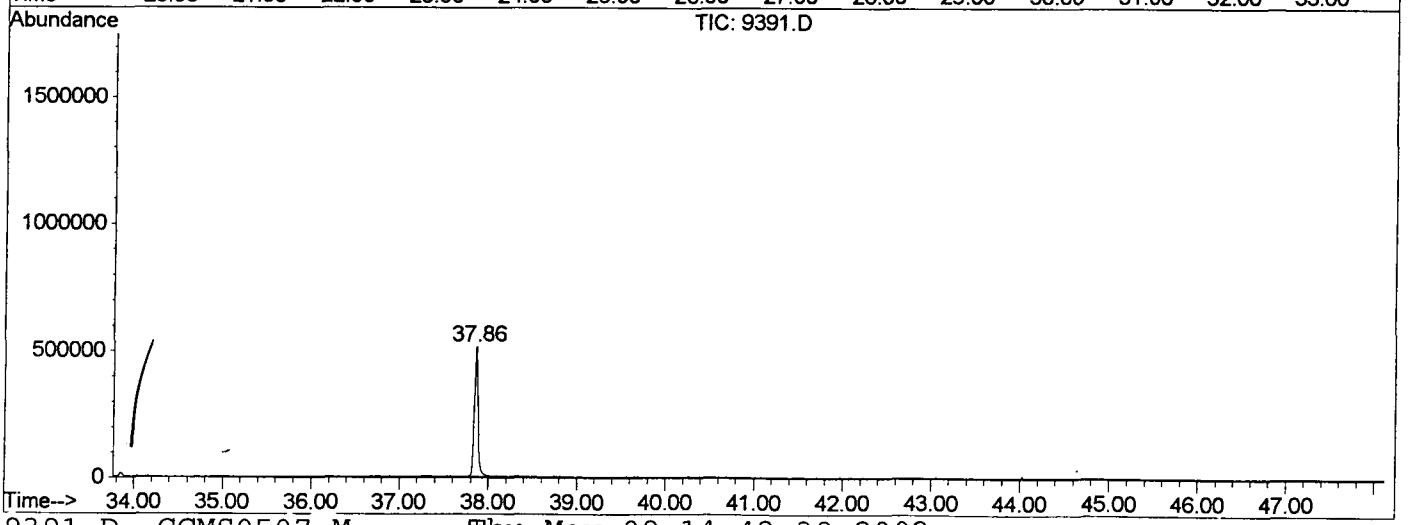
9391.D GCMS0507.M Thu May 09 14:42:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9391.D
Operator :
Acquired : 8 May 2002 5:24 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 8
Quant File :GCMS0507.RES (RTE Integrator)







9391.D GCMS0507.M Thu May 09 14:42:38 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9391.D Vial: 8
Acq On : 8 May 2002 5:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

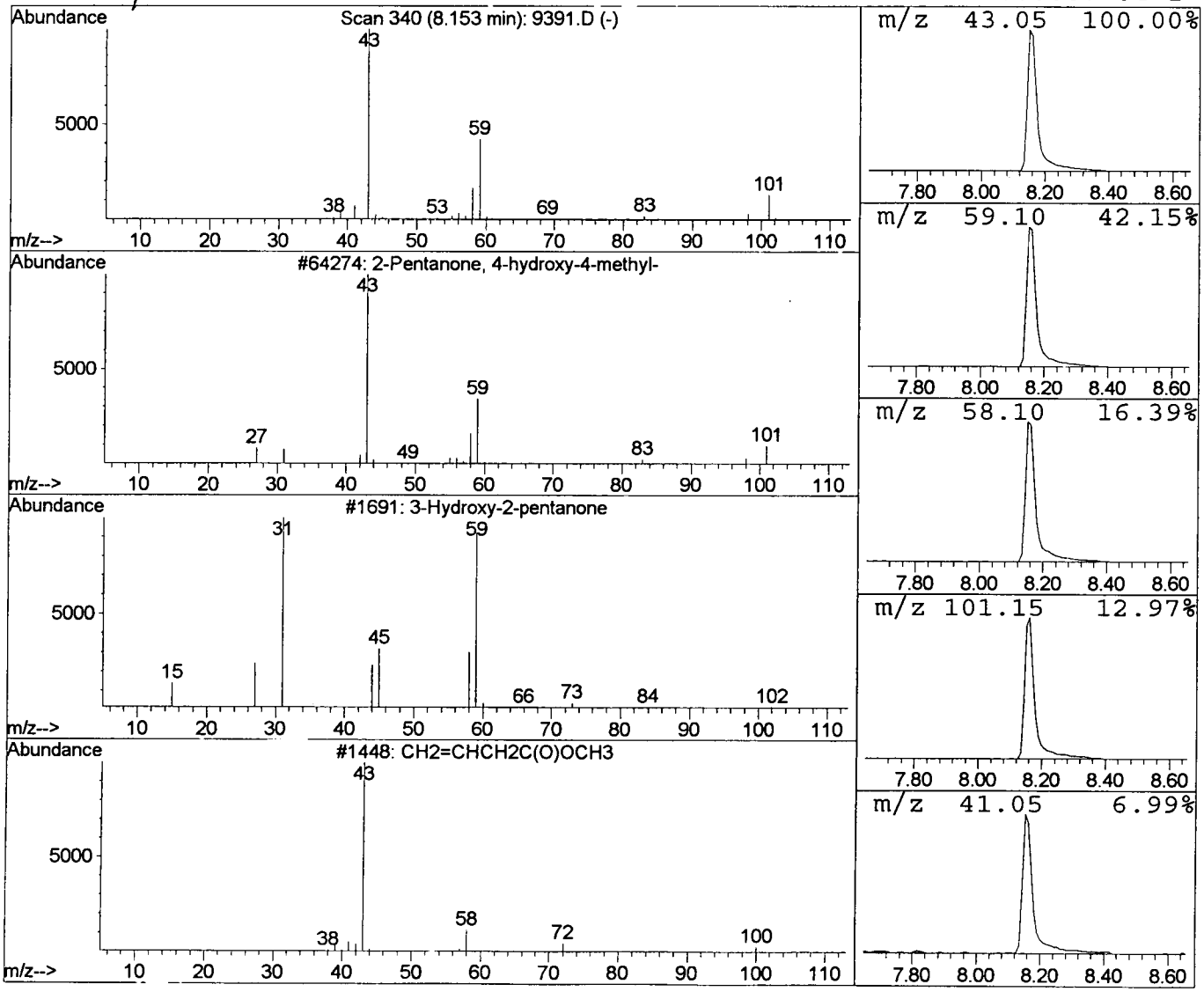
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	16.55 ug/l	1094900	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 5:24 pm
Data File: C:\HPCHEM\1\DATA\MAY0802\9391.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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~~	8.15	16.5	ug/l	1094900	ISTD01	12.19	2646470	40.0

9391.D GCMS0507.M Thu May 09 14:42:39 2002