User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 12:41:24

Sample: AE01940
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/13/02 12:40 Ended: 3/13/02 12:40 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AE01940 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-13-2002 Time: 12:44:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was extracted and analyzed twice, because the Surrogate Standard failed the first time, but passed the second time. However, the LCS Standard was acceptable the first time, but had a high number of failures the second time. The cost for the analysis for this sample will be discounted.

Data File : C:\HPCHEM\1\DATA\FEB1502\1940.D Vial: 14
Acq On : 16 Feb 2002 4:04 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 15:39 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	552101	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	2136945	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.30	164	1128122	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.74	188	1574274	20.00	ug/l	-0.03
38) Chrysene-d12	33.81	240	1000035	20.00	ug/l	-0.04
44) Perylene-d12	38.10	264	669330	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	60447	3.68	ug/mL	0.32
Spiked Amount 5.000			Recovery = 73.60%			
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	16.03	128	182	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	22.75	149	307	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.74	178	595	N.D.	
34)	Anthracene	25.74	178	595	N.D.	
35)	Di-n-butylphthalate	27.69	149	11296	N.D.	
36)	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	33.81	228	3108	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	26194	0.40 ug/l	99
43)	Chrysene	33.87	228	622	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.86	252	183	N.D.	
47)	Benzo(k)fluoranthene	36.86	252	183	N.D.	
48)	Benzo(a)pyrene	38.09	252	3008	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

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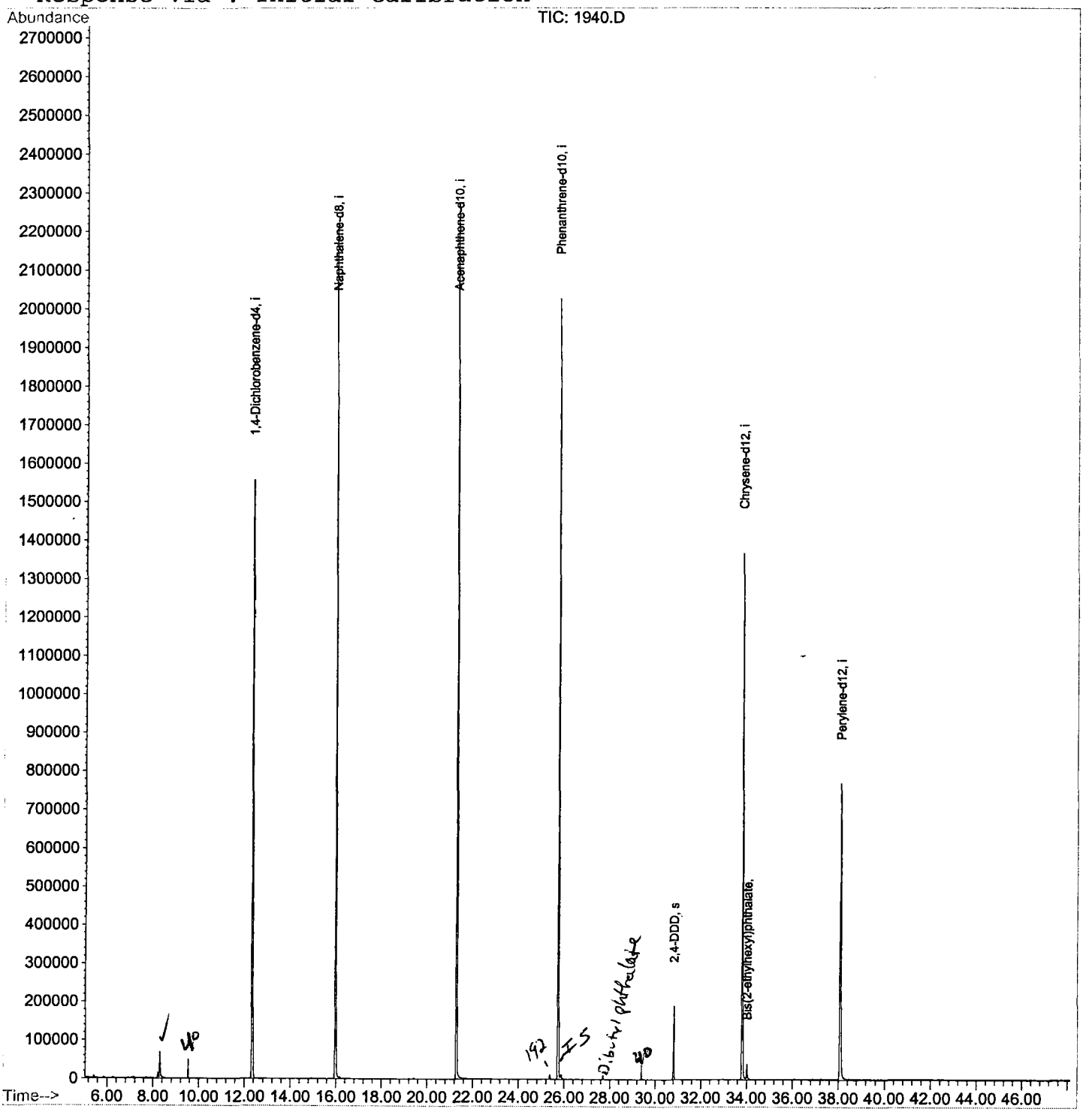
Acq On : 16 Feb 2002 4:04 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 15:39 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1940.D Vial: 14
Acq On : 16 Feb 2002 4:04 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

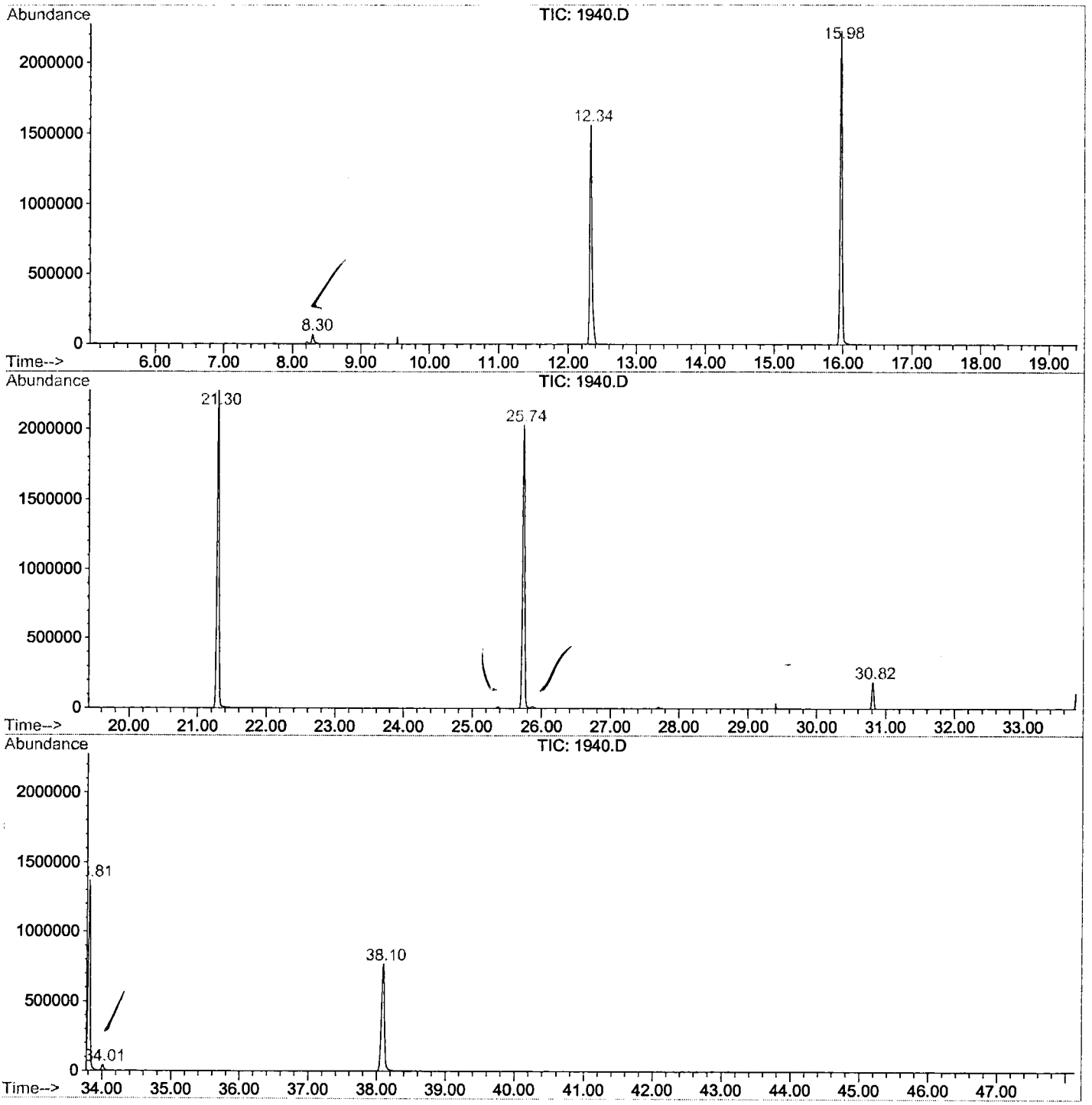
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.296	350	354	370	rVB	66835	157208	3.37%	0.685%
2	12.335	788	794	809	rVB	1556653	3514857	75.41%	15.321%
3	15.980	1184	1191	1209	rBV	2221249	4404788	94.51%	19.200%
4	21.295	1762	1770	1785	rBV	2274425	4660873	100.00%	20.317%
5	25.738	2247	2254	2265	rBV2	2026962	4357083	93.48%	18.992%
6	30.815	2802	2807	2812	rVB	190259	370788	7.96%	1.616%
7	33.808	3124	3133	3151	rBV2	1367482	3064869	65.76%	13.360%
8	34.010	3151	3155	3165	rVB	39493	92881	1.99%	0.405%
9	38.095	3590	3600	3618	rBV2	767305	2317900	49.73%	10.104%

Sum of corrected areas: 22941247

1940.D GCMS0208.M Fri Mar 08 16:06:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1940.D
Operator : 209 GALOS
Acquired : 16 Feb 2002 4:04 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 14
Quant File :GCMS0208.RES (RTE Integrator)



1940.D GCMS0208.M Fri Mar 08 16:06:06 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1940.D
Acq On : 16 Feb 2002 4:04 am
Sample : re-extract
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

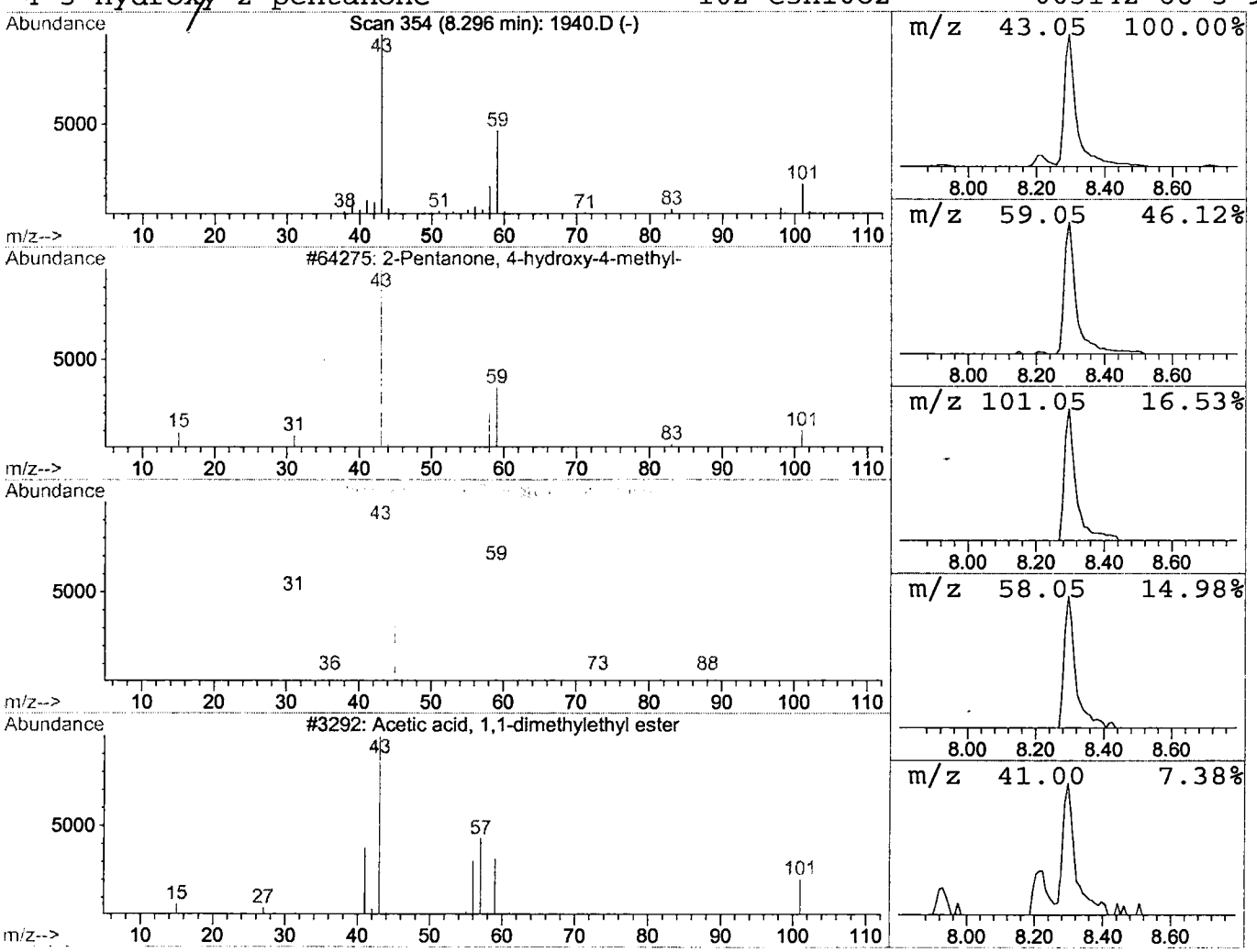
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	0.89 ug/l	157208	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	33
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Feb 2002 4:04 am
Data File: C:\HPCHEM\1\DATA\FEB1502\1940.D
Name: re-extract
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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	8.30	0.9	ug/l	157208	ISTD01	12.34	3514860	20.0

1940.D GCMS0208.M Fri Mar 08 16:06:16 2002