User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 12:45:36

Sample: AE01941
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/13/02 12:44 Ended: 3/13/02 12:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AE01941 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-13-2002 Time: 12:46:41

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\1941.D Vial: 15
Acq On : 16 Feb 2002 5:02 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 16:07 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	12.33	152	501000	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1930198	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	1017657	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.74	188	1444746	20.00	ug/l	-0.02
38) Chrysene-d12	33.81	240	981737	20.00	ug/l	-0.03
44) Perylene-d12	38.09	264	686734	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	58858	3.90	ug/mL	0.31
Spiked Amount 5.000			Recovery = 78.00%			
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	22.76	149	326	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	396	N.D.	
34)	Anthracene	25.74	178	396	N.D.	
35)	Di-n-butylphthalate	27.70	149	12600	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	2912	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	24697	0.38 ug/l	99
43)	Chrysene	33.88	228	227	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	38.09	252	2828	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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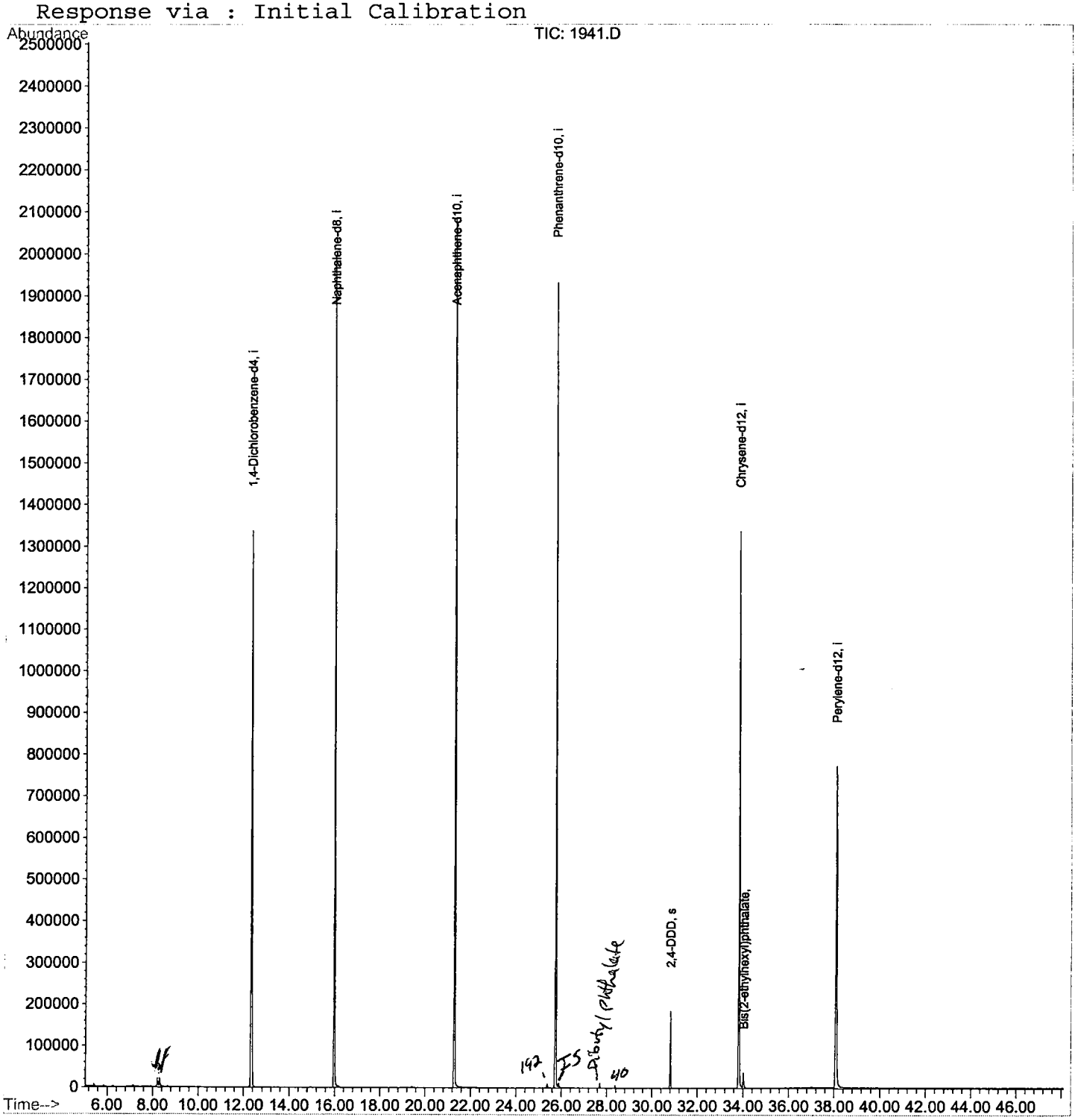
Acq On : 16 Feb 2002 5:02 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 16:07 2002 Quant Results File: GCMS0208.RES

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\1941.D Vial: 15
Acq On : 16 Feb 2002 5:02 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

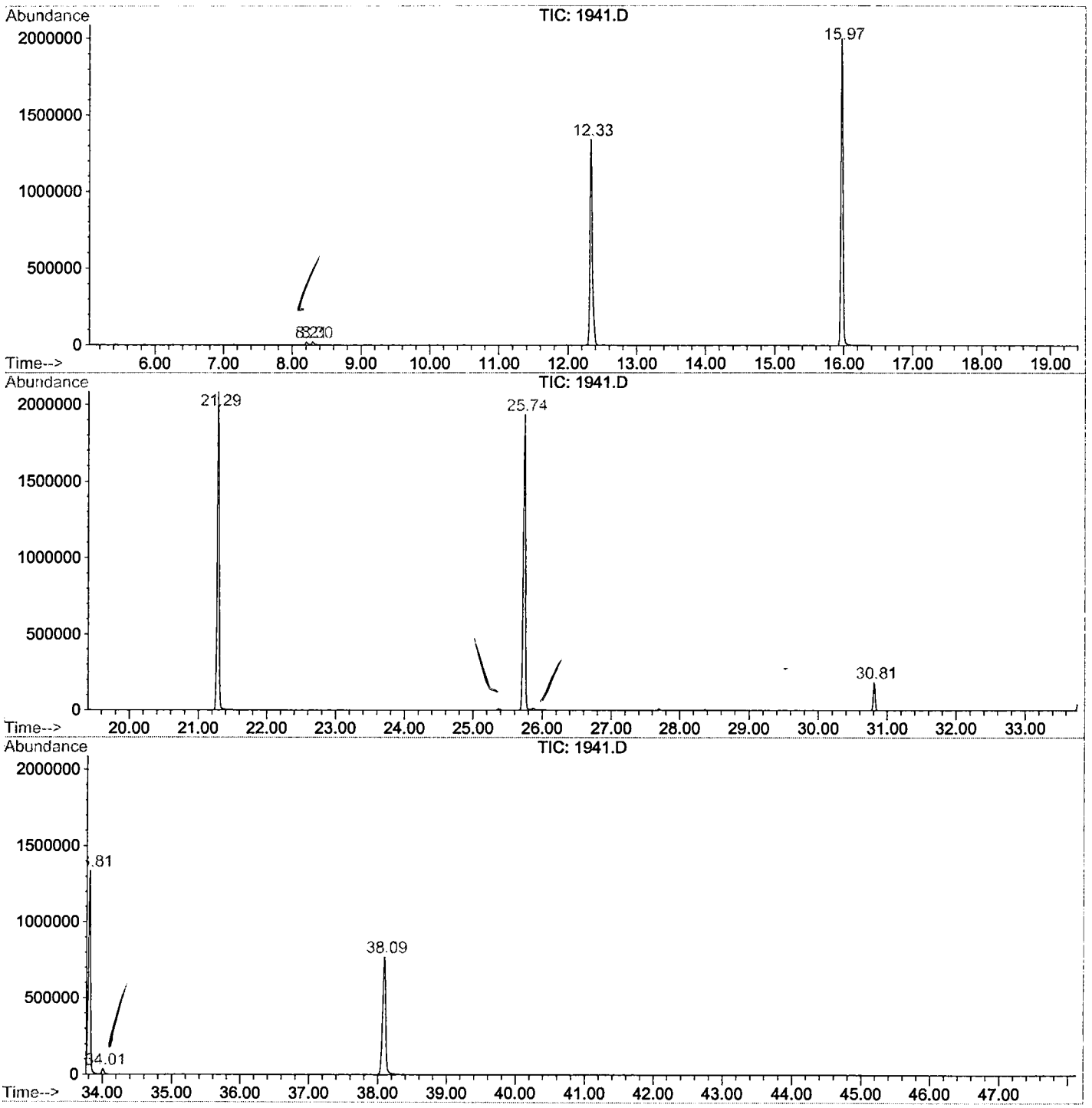
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.207	340	345	351	rBV	20232	45443	1.08%	0.214%
2	8.299	351	355	364	rVB	19681	45773	1.08%	0.215%
3	12.329	789	794	808	rVB	1336149	3183841	75.44%	14.968%
4	15.974	1184	1191	1209	rBV	1995648	3988503	94.50%	18.751%
5	21.289	1763	1770	1787	rBV	2086025	4220629	100.00%	19.842%
6	25.742	2247	2255	2266	rBV	1934255	3985754	94.44%	18.738%
7	30.809	2802	2807	2812	rBV	185139	356736	8.45%	1.677%
8	33.811	3126	3134	3151	rBV	1336825	2984406	70.71%	14.030%
9	34.013	3151	3156	3164	rVB	35378	85315	2.02%	0.401%
10	38.089	3590	3600	3614	rBV2	771897	2374526	56.26%	11.163%

Sum of corrected areas: 21270926

1941.D GCMS0208.M Fri Mar 08 16:09:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1941.D
Operator : 209 GALOS
Acquired : 16 Feb 2002 5:02 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 15
Quant File :GCMS0208.RES (RTE Integrator)



1941.D GCMS0208.M Fri Mar 08 16:09:26 2002

Data File : C:\HPCHEM\1\DATA\FEB1502\1941.D Vial: 15
Acq On : 16 Feb 2002 5:02 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

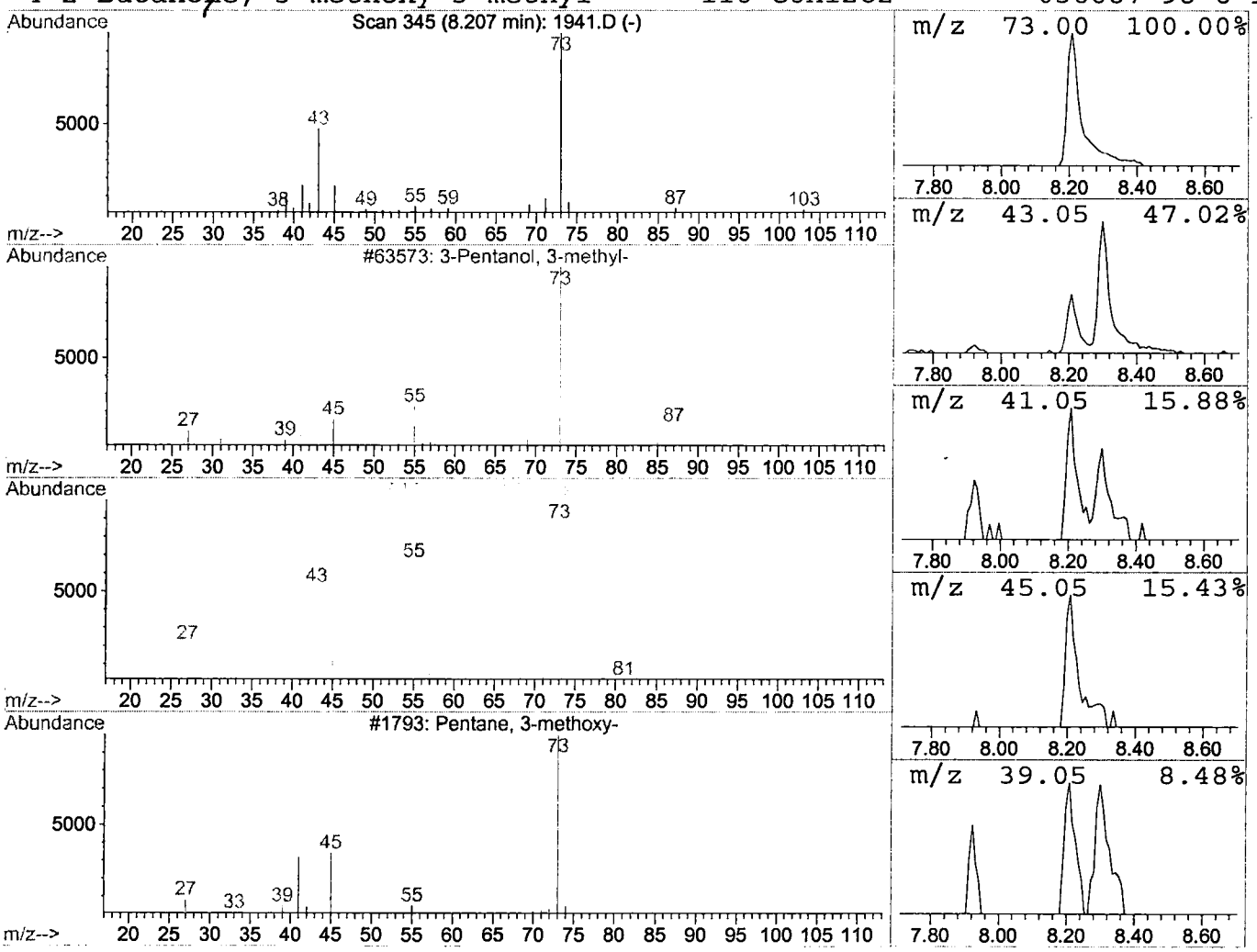
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.29 ug/l	45443	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



Data File : C:\HPCHEM\1\DATA\FEB1502\1941.D Vial: 15
Acq On : 16 Feb 2002 5:02 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

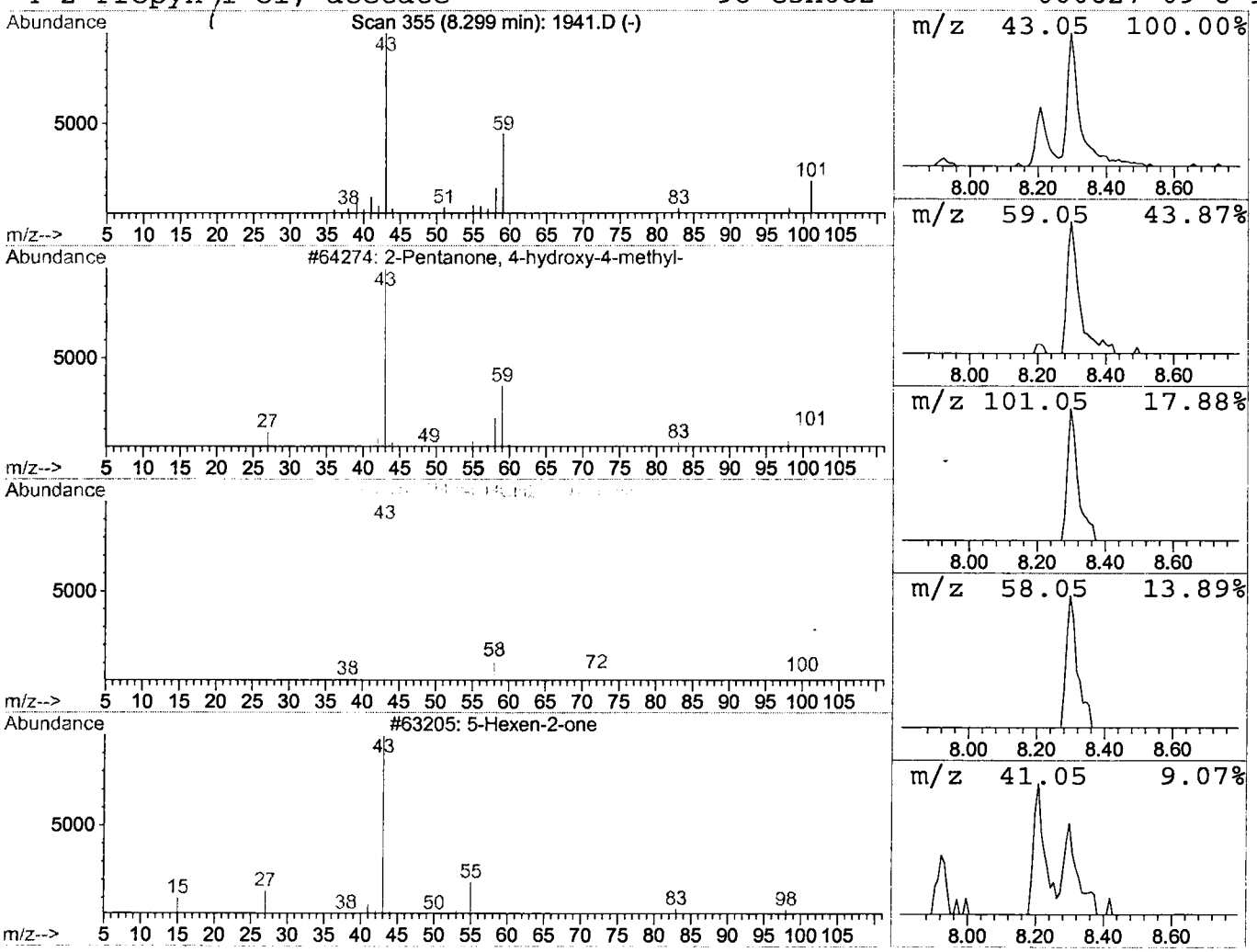
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	0.29 ug/l	45773	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Feb 2002 5:02 am
Data File: C:\HPCHEM\1\DATA\FEB1502\1941.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
3-Pentanol, 3-methyl	8.21	0.3	ug/l	45443	ISTD01	12.33	3183840	20.0
2-Pentanone, 4-hydro	8.30	0.3	ug/l	45773	ISTD01	12.33	3183840	20.0

1941.D GCMS0208.M Fri Mar 08 16:09:39 2002