User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:02:36

Sample: AD31217
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:02 Ended: 2/11/02 17:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Comments for Sample AD31217 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:02:47

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0902\31217.D Vial: 24
Acq On : 10 Jan 2002 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:44 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	893620	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3519047	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1765101	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2540801	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1542698	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	890613	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	112599	3.86	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 77.20%			
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	12.88	77	274	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	15.19	128	1275	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.80	165	439	N.D.		
25) Diethylphthalate	21.92	149	140	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

Quantitation Report (QT Reviewed)

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Acq On : 10 Jan 2002 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.87	178	338	N.D.	
34)	Anthracene	24.87	178	338	N.D.	
35)	Di-n-butylphthalate	26.83	149	2753	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	32.84	228	4096	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	1689	N.D.	
43)	Chrysene	32.91	228	345	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.97	252	745	N.D.	
47)	Benzo(k)fluoranthene	35.97	252	871	N.D.	
48)	Benzo(a)pyrene	36.90	252	3756	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.	

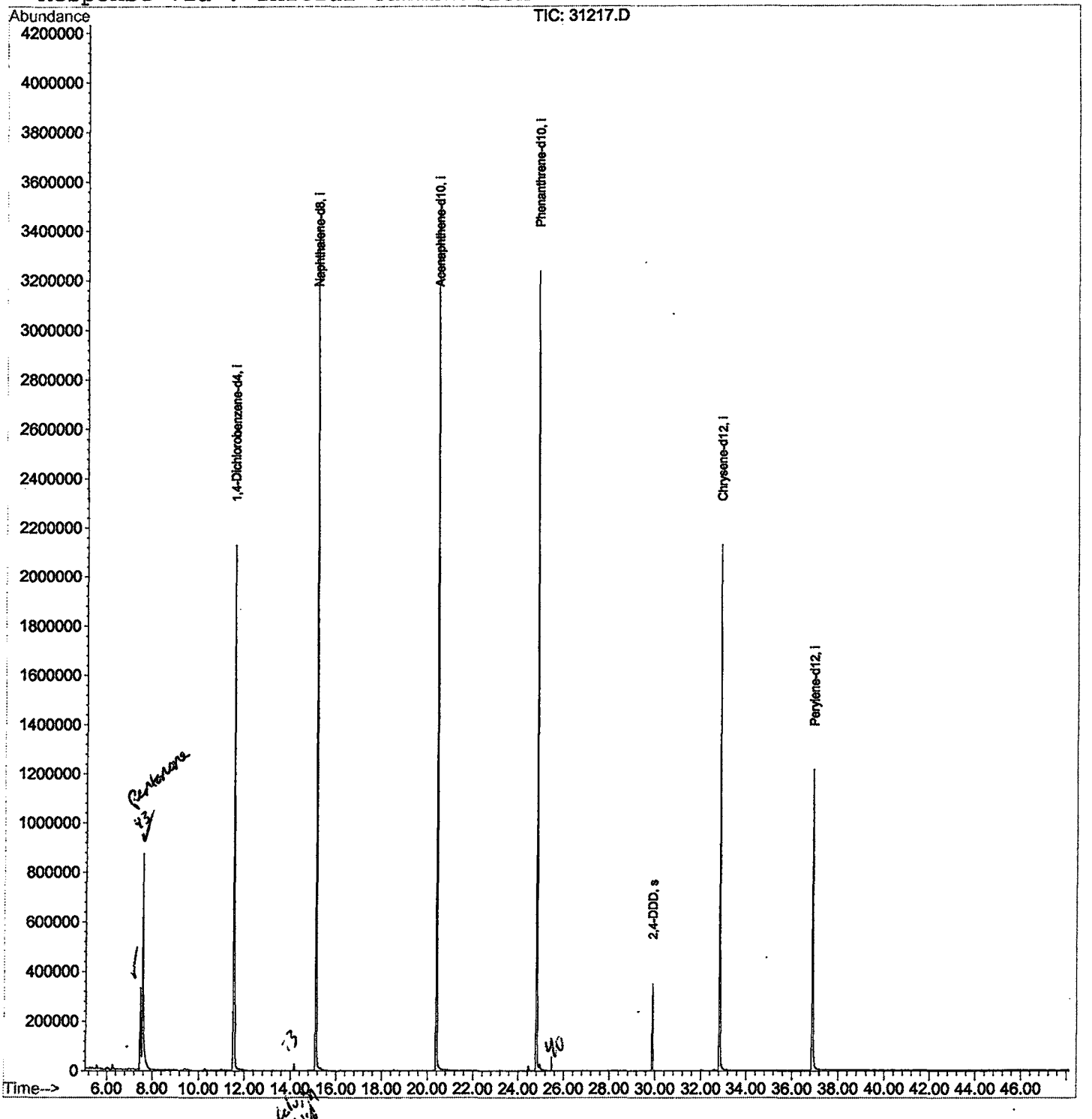
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31217.D
Acq On : 10 Jan 2002 1:33 pm
Sample : gcms scan 12/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:44 2002

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31217.D Vial: 24
Acq On : 10 Jan 2002 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

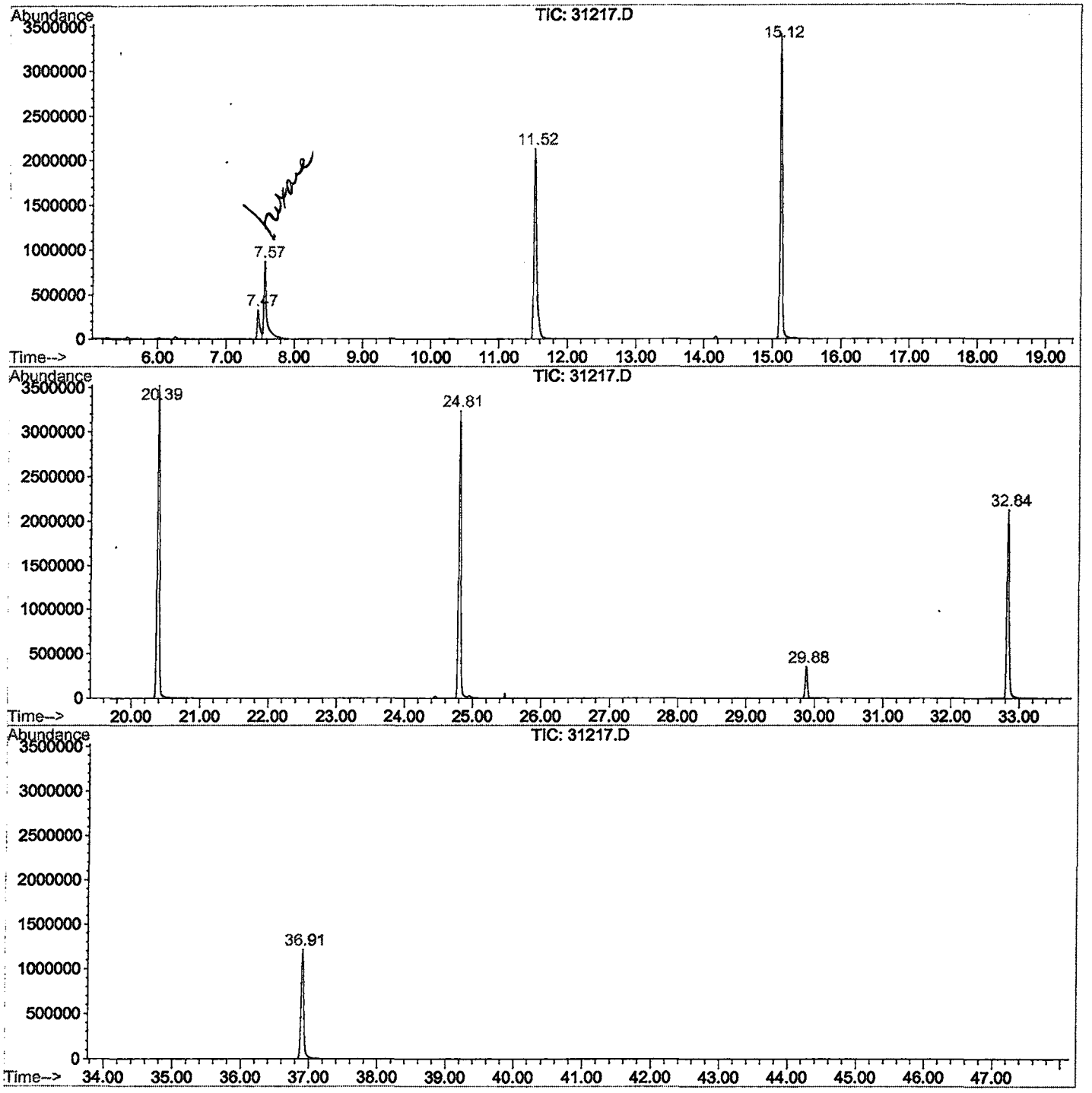
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.465	260	264	271	rBV	329645	825631	11.29%	2.091%
2	7.566	271	275	309	rVB	868955	2575823	35.21%	6.525%
3	11.523	701	706	727	rBV	2127326	5576602	76.22%	14.126%
4	15.122	1093	1098	1117	rBV	3405943	7140717	97.60%	18.088%
5	20.391	1666	1672	1694	rBV	3524979	7316013	100.00%	18.532%
6	24.807	2147	2153	2166	rBV2	3237327	7126491	97.41%	18.052%
7	29.884	2701	2706	2712	rBV	351434	686114	9.38%	1.738%
8	32.840	3021	3028	3056	rBV2	2127573	4946645	67.61%	12.530%
9	36.907	3463	3471	3489	rBV	1211901	3283734	44.88%	8.318%

Sum of corrected areas: 39477770

31217.D GCMS0103.M Wed Feb 06 09:26:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31217.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 1:33 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/21
Misc Info :
Vial Number: 24
Quant File :GCMS0103.RES (RTE Integrator)



31217.D GCMS0103.M Wed Feb 06 09:26:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31217.D
Acq On : 10 Jan 2002 1:33 pm
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

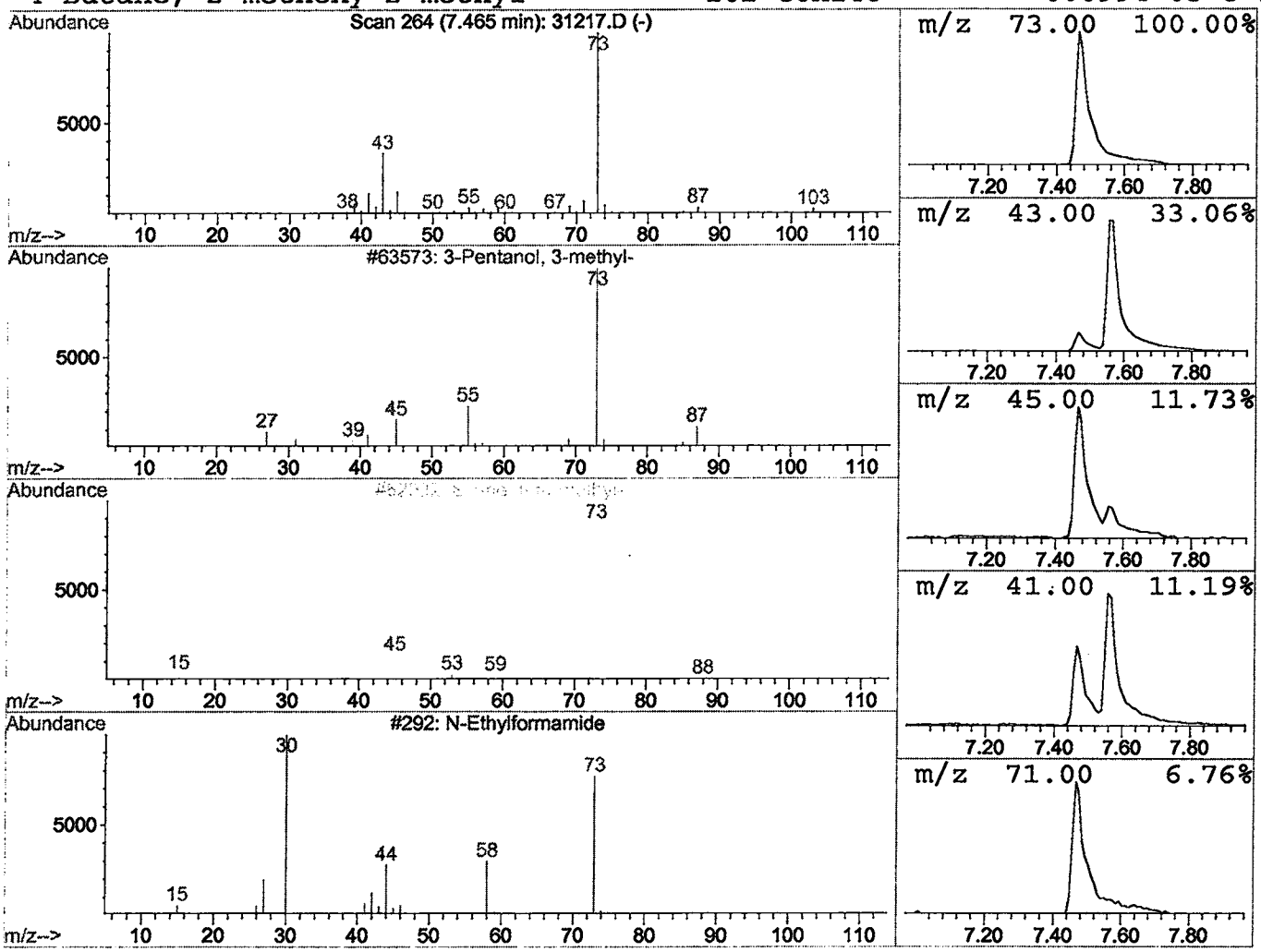
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.96 ug/l	825631	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31217.D
Acq On : 10 Jan 2002 1:33 pm
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

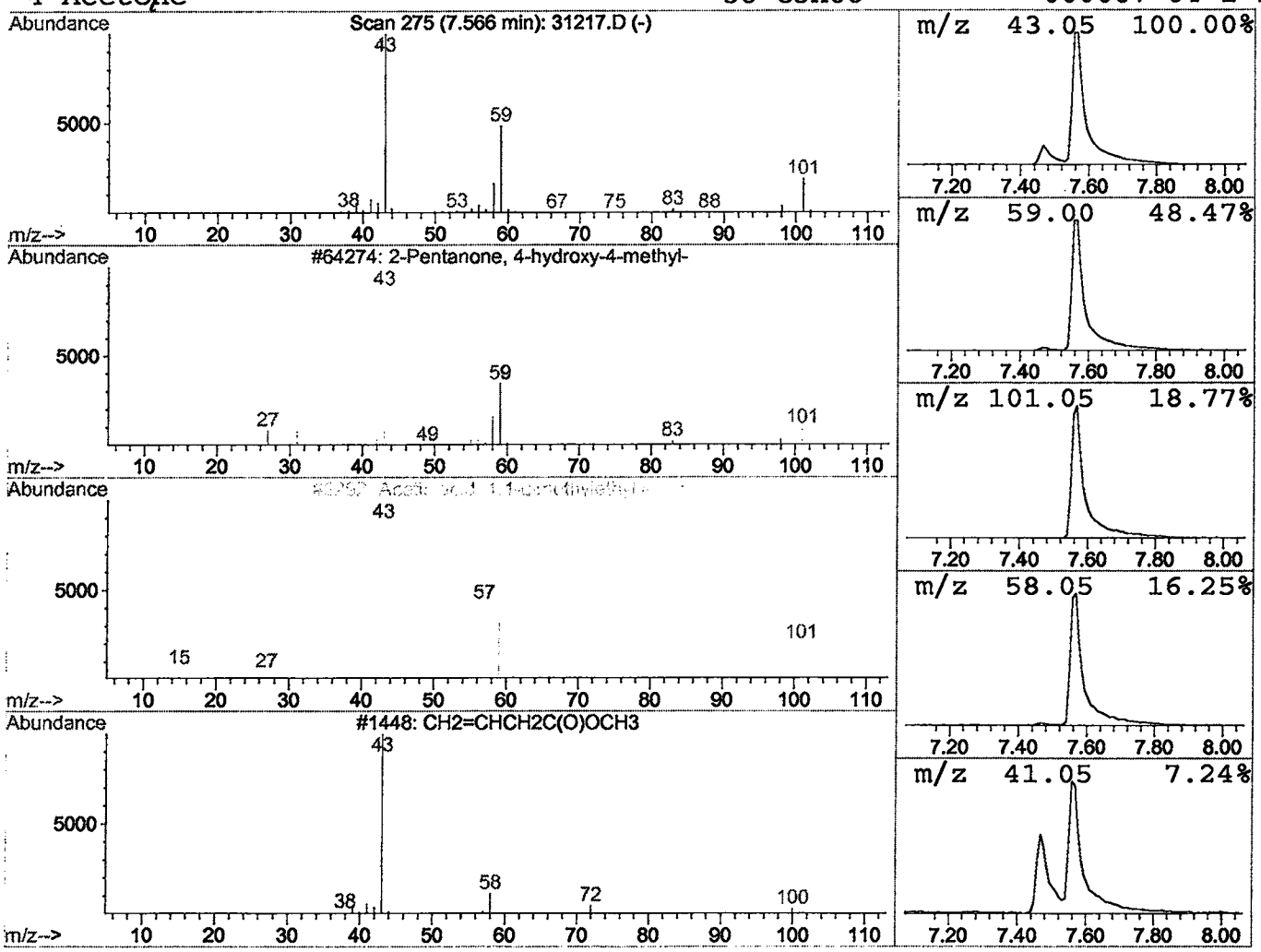
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	9.24 ug/l	2575820	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12
4	Acetone	58	C3H6O	000067-64-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 1:33 pm
Data File: C:\HPCHEM\1\DATA\JAN0902\31217.D
Name: gcms scan 12/21
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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	7.47	3.0	ug/l	825631	ISTD01	11.53	5576600	20.0
2-Pentanone, 4-hydro	7.57	9.2	ug/l	2575820	ISTD01	11.53	5576600	20.0

31217.D GCMS0103.M Wed Feb 06 09:26:33 2002