User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:03:25

Sample: AD31216
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:03 Ended: 2/11/02 17:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AD31216 - Analysis $GCMS

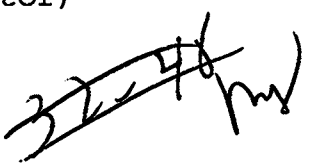
Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:04:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0902\31216.D Vial: 21
Acq On : 10 Jan 2002 10:36 am 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 8:43 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	11.52	152	792052	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3096823	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1555974	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2217542	20.00	ug/l	0.00
38) Chrysene-d12	32.83	240	1328036	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	788277	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	107799	4.24	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 84.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.37	74	688	N.D.		
3) bis(2-Chloroethyl)ether	10.99	93	861	N.D.		
4) 1,3-Dichlorobenzene	11.45	146	551	N.D.		
5) 1,4-Dichlorobenzene	11.57	146	973	N.D.		
6) 1,2-Dichlorobenzene	12.09	146	481	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	12.93	117	218	N.D.		
11) Nitrobenzene	13.27	77	408	N.D.		
12) Isophorone	13.90	82	1810	N.D.		
13) bis(2-Chloroethoxy)methane	14.56	93	899	N.D.		
14) 1,2,4-Trichlorobenzene	15.03	180	509	N.D.		
15) Naphthalene	15.18	128	3799	N.D.		
16) Hexachlorobutadiene	15.74	225	181	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.68	162	1394	N.D.		
20) Dimethylphthalate	19.80	163	2194	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	19.93	152	1895	N.D.		
23) Acenaphthene	20.48	153	1868	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	21.92	149	2746	N.D.		
26) 4-Chlorophenyl-phenylether	22.04	204	736	N.D.		
27) Fluorene	22.00	166	1637	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0902\31216.D Vial: 21
Acq On : 10 Jan 2002 10:36 am 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 8:43 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

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	22.46	168	538	N.D.	
31)	4-Bromophenyl-phenylether	23.50	248	254	N.D.	
32)	Hexachlorobenzene	23.92	284	726	N.D.	
33)	Phenanthrene	24.87	178	4935	N.D.	
34)	Anthracene	24.87	178	4935	N.D.	
35)	Di-n-butylphthalate	26.83	149	21807	N.D.	
36)	Fluoranthene	28.49	202	3260	N.D.	
39)	Pyrene	29.15	202	3572	N.D.	
40)	Butylbenzylphthalate	31.34	149	2518	N.D.	
41)	Benzo(a)anthracene	32.80	228	9897	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	8626	N.D.	
43)	Chrysene	32.91	228	7735	N.D.	
45)	Di-n-Octylphthalate	34.88	149	3156	N.D.	
46)	Benzo(b)fluoranthene	35.89	252	3000	N.D.	
47)	Benzo(k)fluoranthene	35.89	252	2620	N.D.	
48)	Benzo(a)pyrene	36.74	252	2465	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.56	276	641	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	41.63	276	489	N.D.	

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

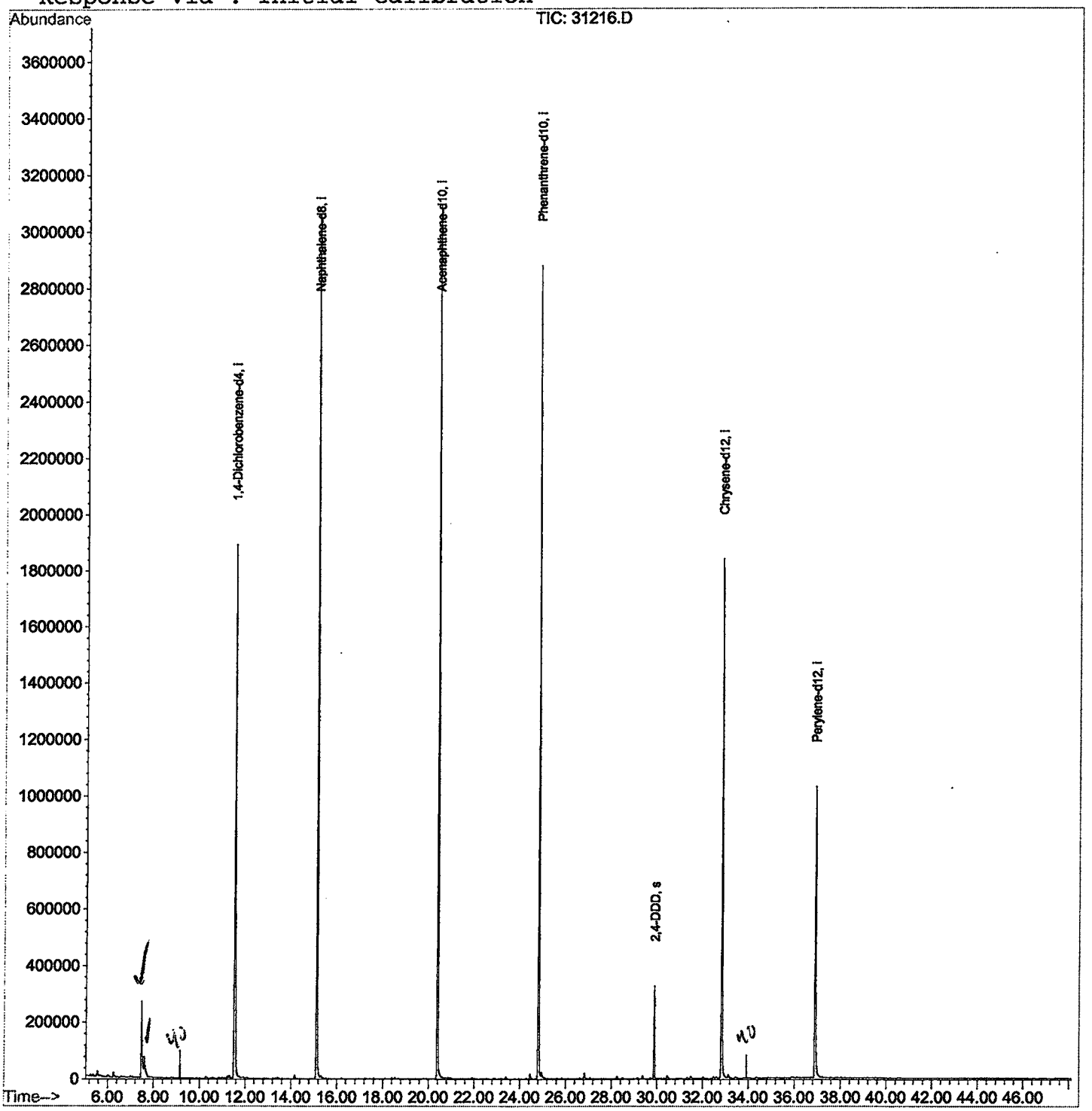
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31216.D
Acq On : 10 Jan 2002 10:36 am
Sample : gcms scan 12/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:43 2002

Vial: 21
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\31216.D Vial: 21
Acq On : 10 Jan 2002 10:36 am 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

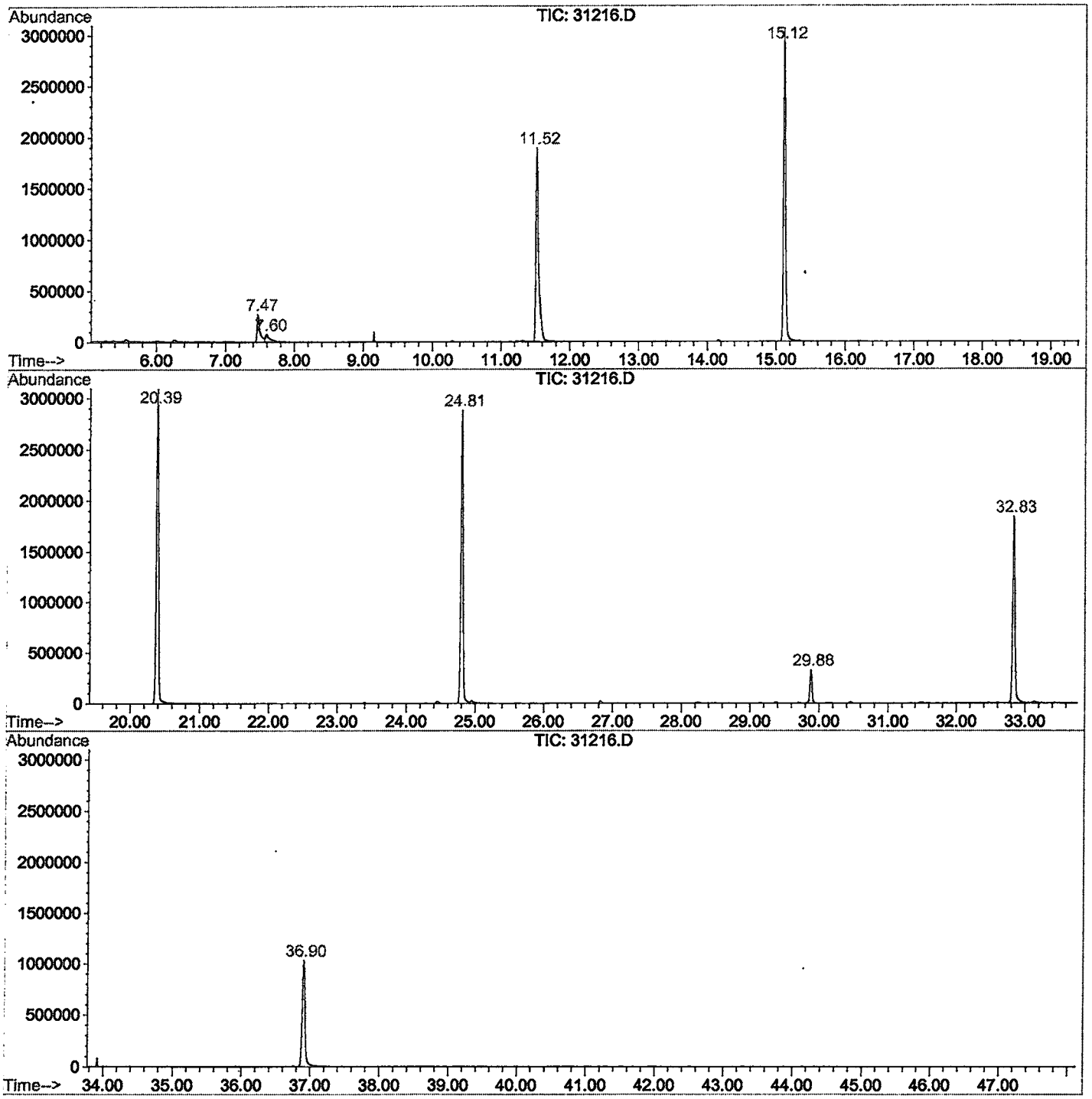
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.467	260	264	275	rBV	268409	750978	11.58%	2.273%
2	7.595	275	278	300	rVB	73192	295282	4.55%	0.894%
3	11.524	701	706	726	rBV	1891131	4972698	76.68%	15.053%
4	15.123	1092	1098	1115	rBV	3057079	6302924	97.19%	19.080%
5	20.392	1666	1672	1692	rBV	3096254	6484841	100.00%	19.631%
6	24.808	2146	2153	2164	rBV2	2879995	6242831	96.27%	18.898%
7	29.885	2700	2706	2713	rBV	327116	673316	10.38%	2.038%
8	32.832	3018	3027	3047	rBV2	1840391	4358155	67.21%	13.193%
9	36.899	3463	3470	3494	rBV2	1028330	2953091	45.54%	8.940%

Sum of corrected areas: 33034116

31216.D GCMS0103.M Wed Feb 06 09:25:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31216.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 10:36 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/21
Misc Info :
Vial Number: 21
Quant File :GCMS0103.RES (RTE Integrator)



31216.D GCMS0103.M Wed Feb 06 09:25:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31216.D
Acq On : 10 Jan 2002 10:36 am
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

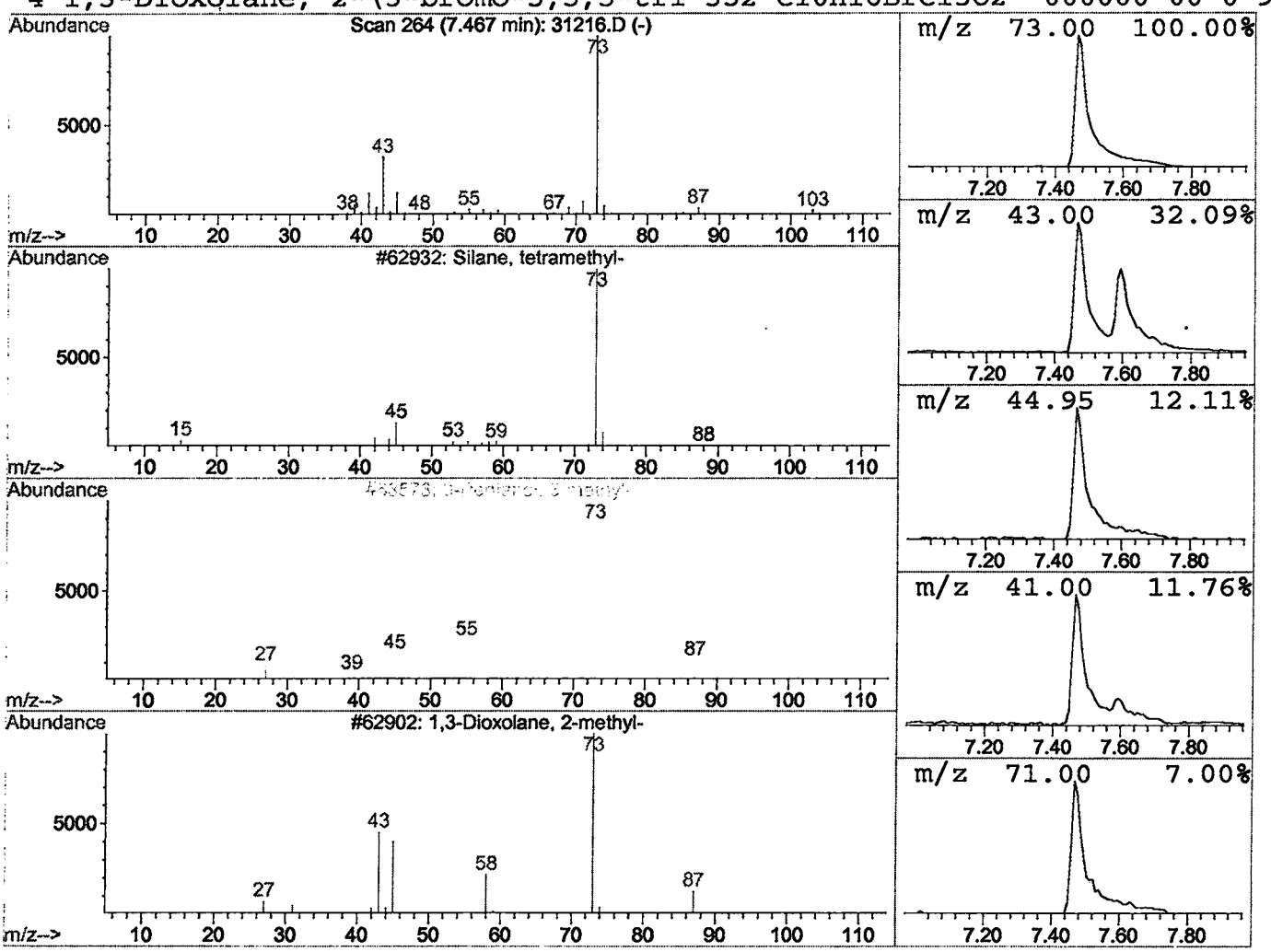
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.02 ug/l	750978	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31216.D
Acq On : 10 Jan 2002 10:36 am
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

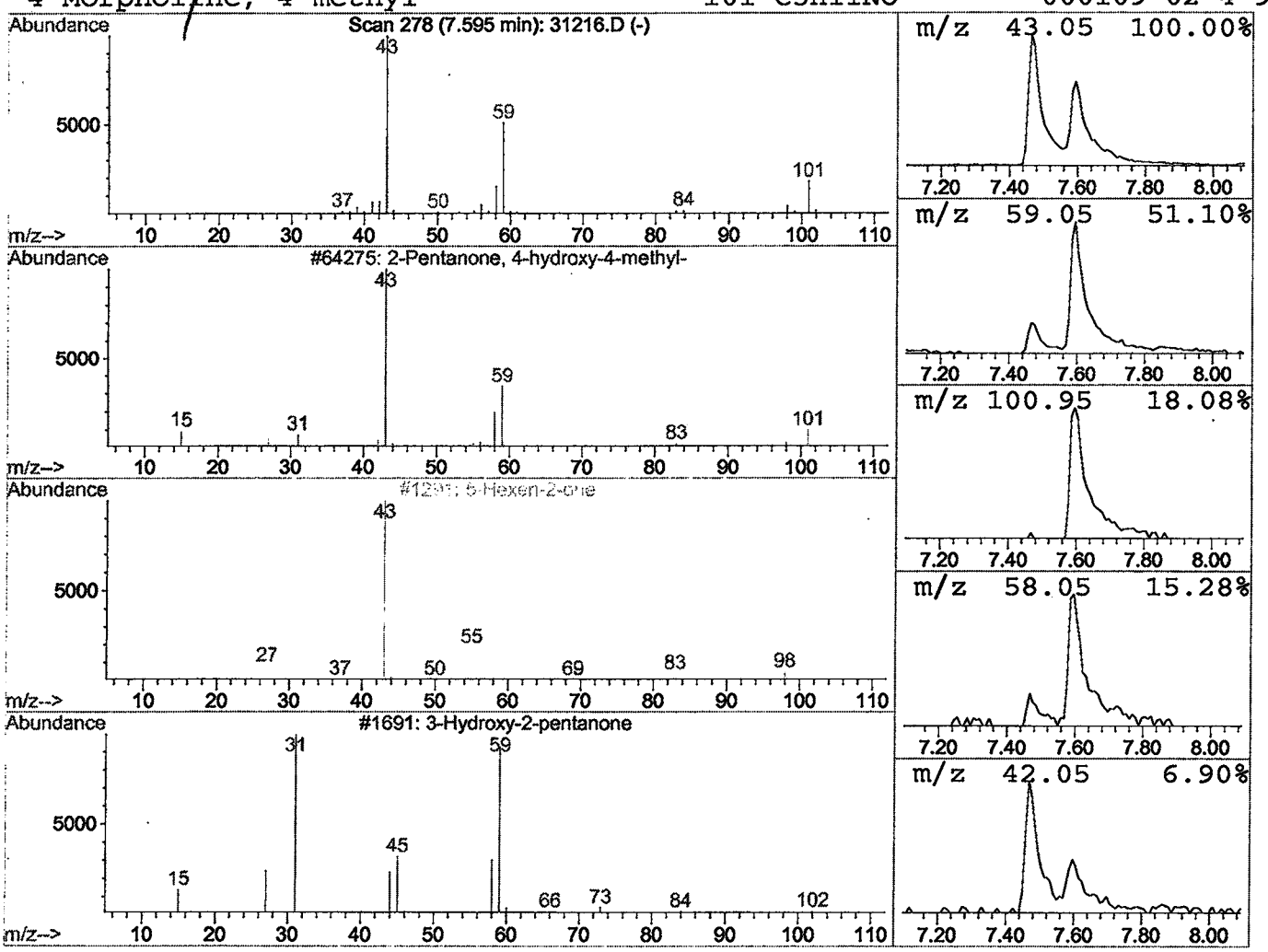
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	1.19 ug/l	295282	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 10:36 am
Data File: C:\HPCHEM\1\DATA\JAN0902\31216.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
Silane, tetramethyl-	7.47	3.0	ug/l	750978	ISTD01	11.52	4972700	20.0
2-Pentanone, 4-hydro	7.60	1.2	ug/l	295282	ISTD01	11.52	4972700	20.0

31216.D GCMS0103.M Wed Feb 06 09:25:41 2002