User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:01:47

Sample: AD31130
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:01 Ended: 2/11/02 17:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		5.0

Comments for Sample AD31130 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:01:55

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\31130A.D Vial: 27
Acq On : 10 Jan 2002 4:30 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 8:49 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	900956	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3506869	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1775151	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2492569	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1463037	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	823917	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	102338	3.58	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 71.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	124	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	12.87	77	103	N.D.		
12) Isophorone	13.41	82	542	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	1442	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	20.85	165	188	N.D.		
25) Diethylphthalate	21.92	149	1112	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)

Data File : C:\HPCHEM\1\DATA\JAN0902\31130A.D Vial: 27
Acq On : 10 Jan 2002 4:30 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 8:49 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

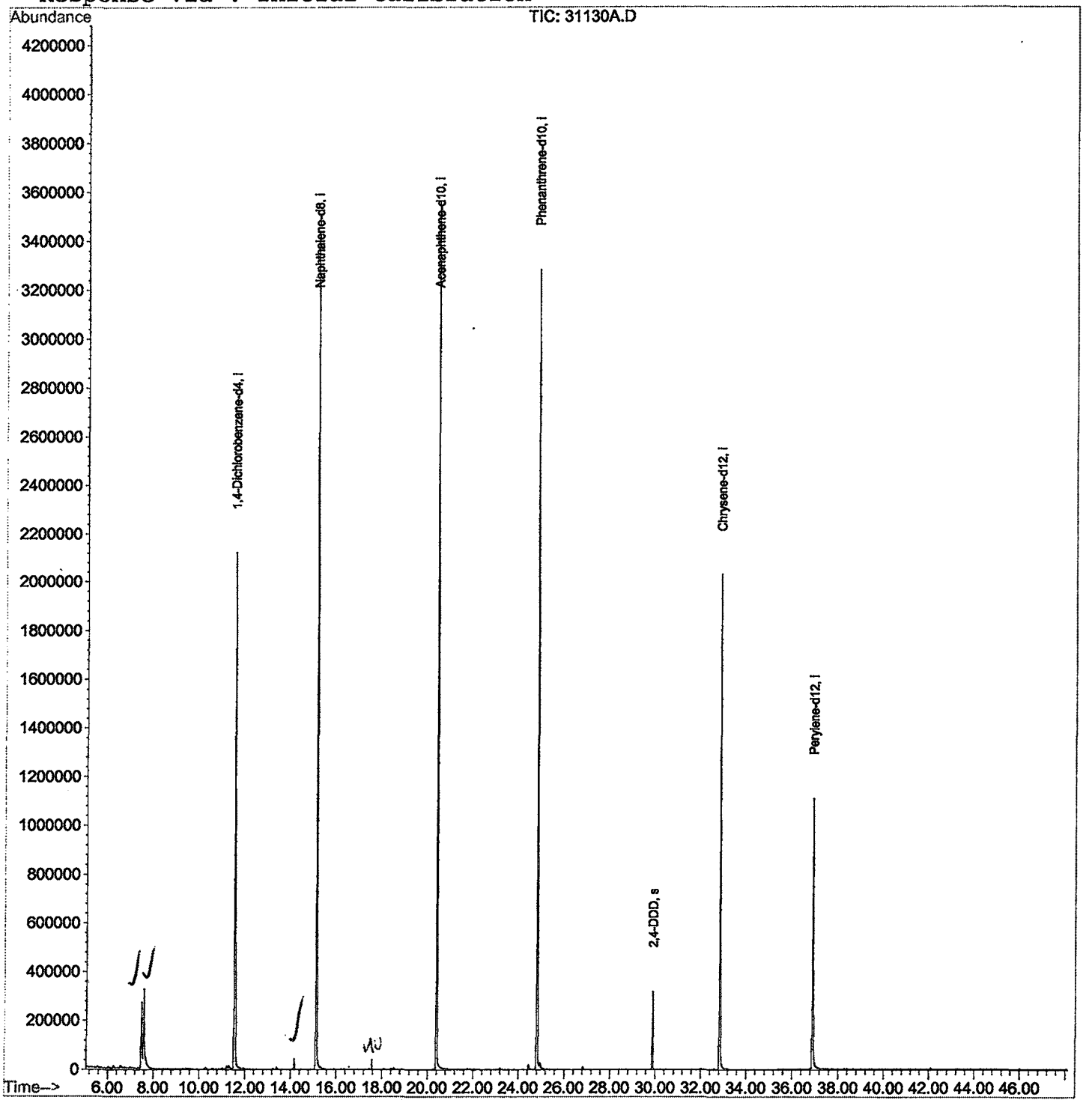
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.87	178	333	N.D.	
34)	Anthracene	24.87	178	333	N.D.	
35)	Di-n-butylphthalate	26.83	149	13319	N.D.	
36)	Fluoranthene	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	3589	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	1442	N.D.	
43)	Chrysene	32.84	228	3589	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	36.91	252	3596	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\31130A.D Vial: 27
Acq On : 10 Jan 2002 4:30 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 8:49 2002 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\31130A.D Vial: 27
Acq On : 10 Jan 2002 4:30 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

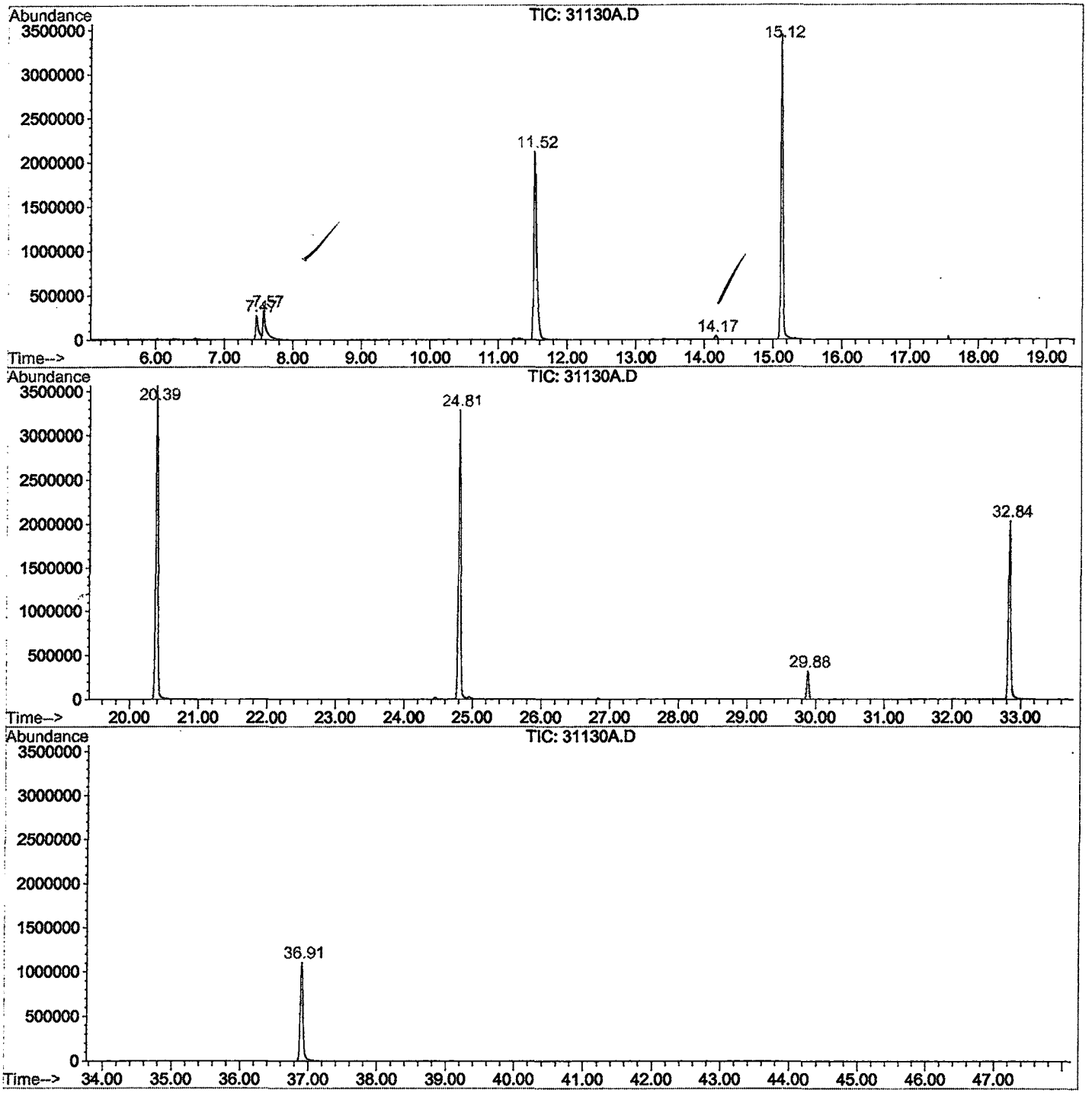
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.466	260	264	272	rBV	269993	709334	9.59%	1.888%
2	7.567	272	275	312	rVB	324491	1132877	15.31%	3.016%
3	11.523	701	706	726	rBV	2120359	5679300	76.74%	15.119%
4	14.167	989	994	1001	rBV2	43590	84491	1.14%	0.225%
5	15.122	1093	1098	1117	rBV	3439497	7178543	97.00%	19.110%
6	20.392	1666	1672	1693	rBV	3565717	7400443	100.00%	19.701%
7	24.807	2147	2153	2166	rBV2	3283651	7012728	94.76%	18.669%
8	29.884	2701	2706	2713	rBV	317088	625518	8.45%	1.665%
9	32.840	3021	3028	3052	rBV2	2029473	4684395	63.30%	12.470%
10	36.907	3464	3471	3493	rBV	1106350	3056523	41.30%	8.137%

Sum of corrected areas: 37564152

31130A.D GCMS0103.M Wed Feb 06 09:22:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31130A.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 4:30 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/21
Misc Info :
Vial Number: 27
Quant File :GCMS0103.RES (RTE Integrator)



31130A.D GCMS0103.M Wed Feb 06 09:22:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31130A.D
Acq On : 10 Jan 2002 4:30 pm
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 27
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

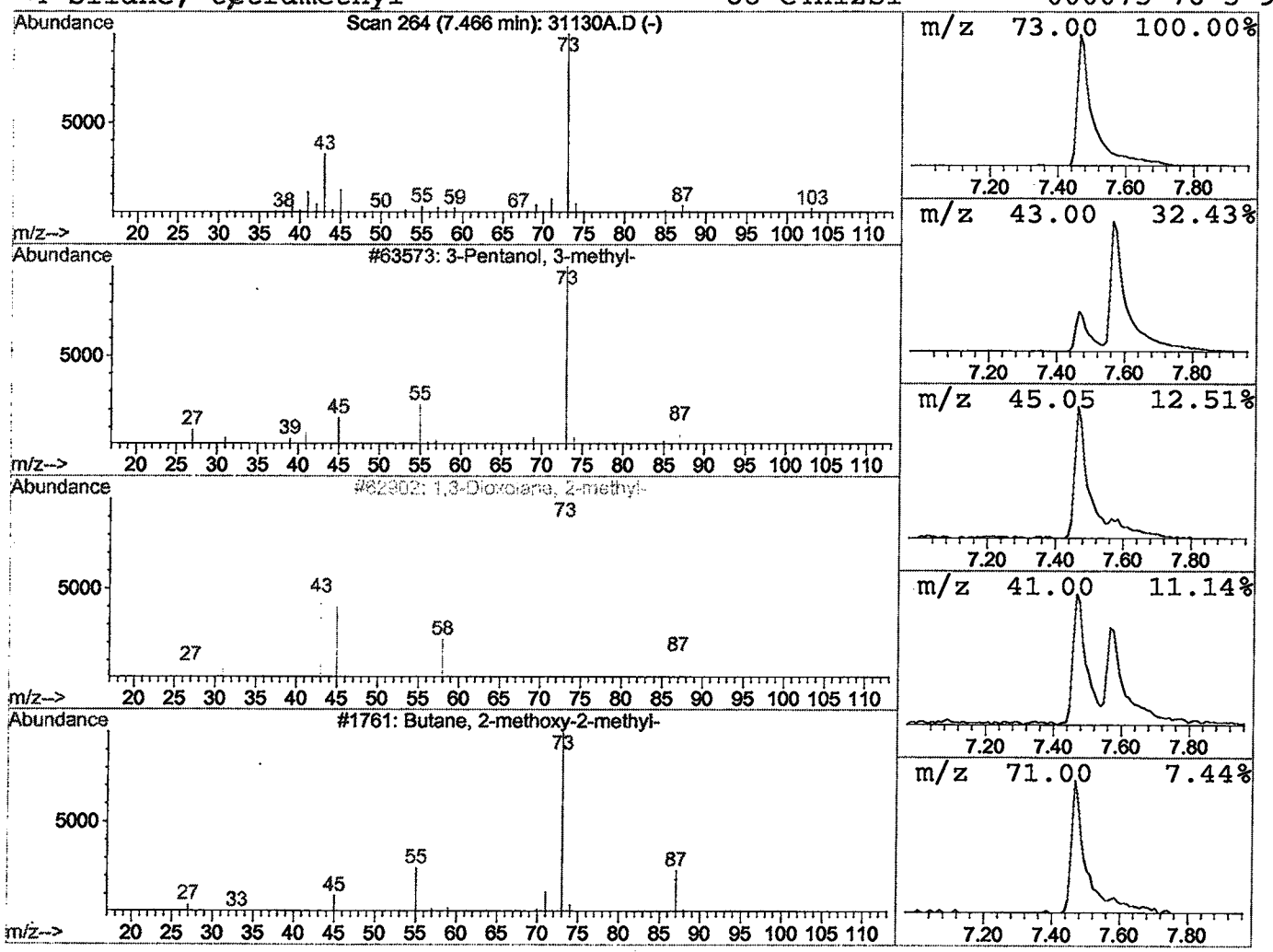
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.50 ug/l	709334	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31130A.D Vial: 27
Acq On : 10 Jan 2002 4:30 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

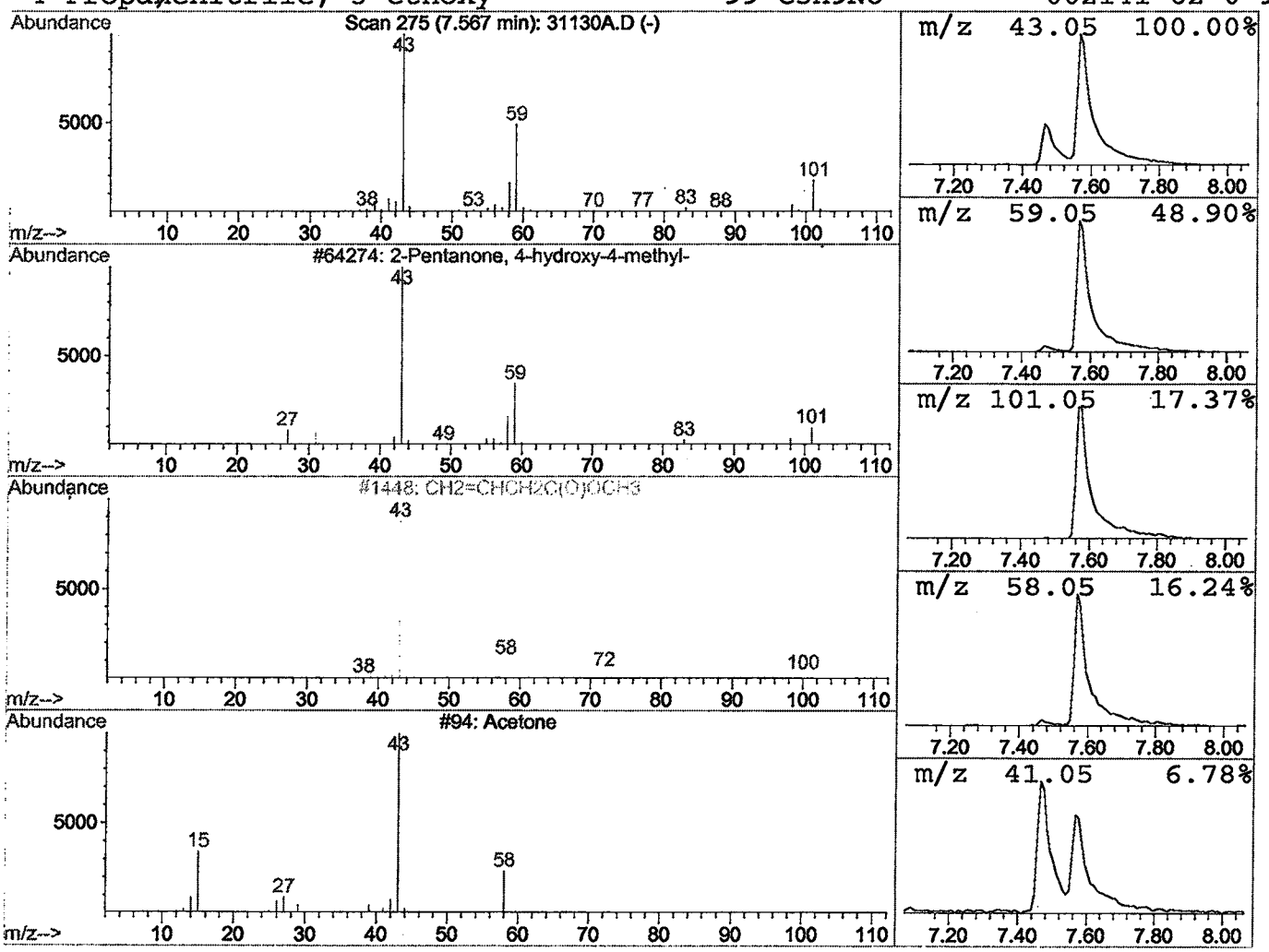
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.99 ug/l	1132880	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Acetone	58	C3H6O	000067-64-1	9
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31130A.D Vial: 27
Acq On : 10 Jan 2002 4:30 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

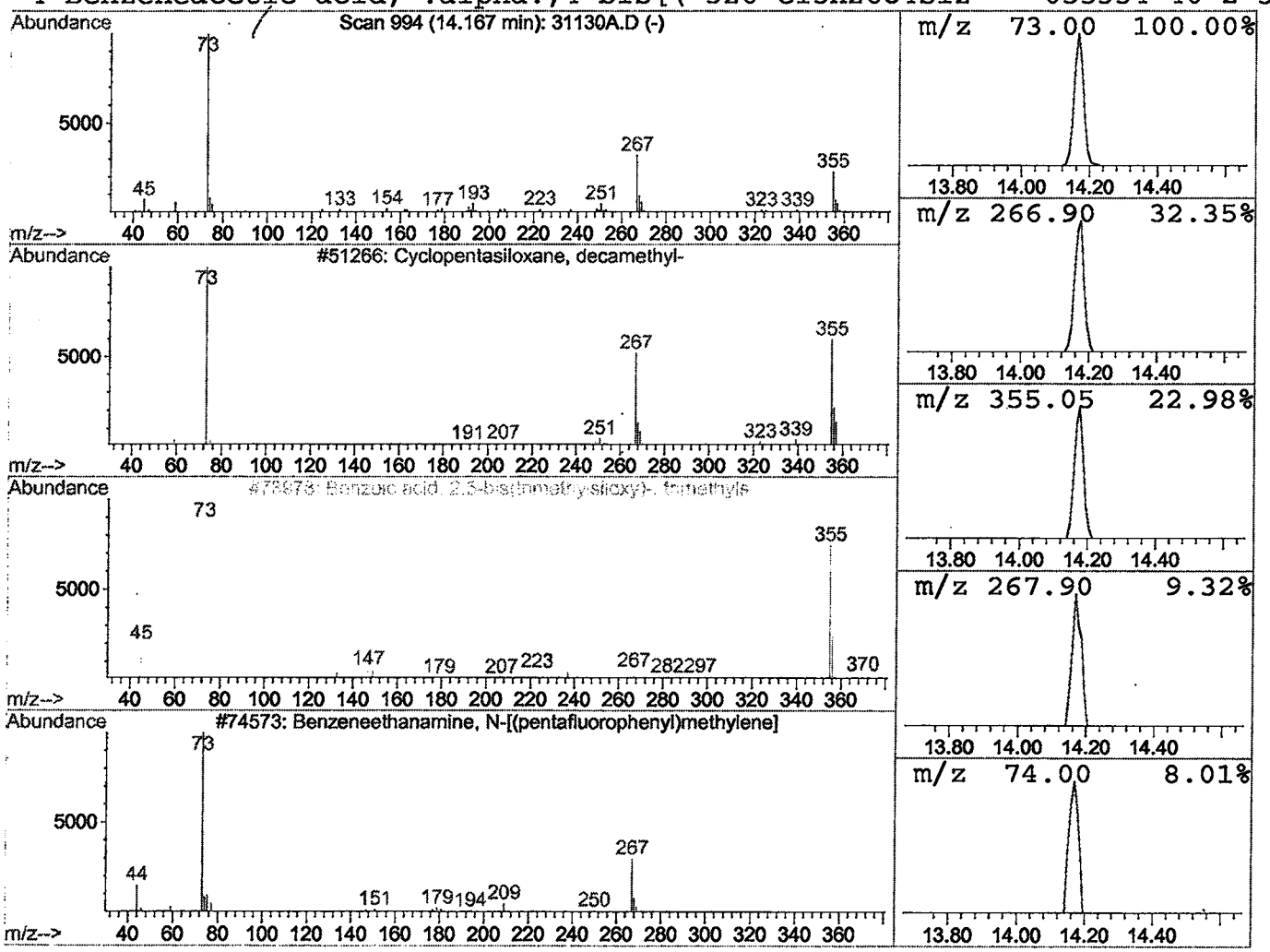
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.24 ug/l	84491	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37
4	Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 4:30 pm
Data File: C:\HPCHEM\1\DATA\JAN0902\31130A.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	2.5	ug/l	709334	ISTD01	11.53	5679300	20.0
2-Pentanone, 4-hydro	7.57	4.0	ug/l	1132880	ISTD01	11.53	5679300	20.0
Cyclopentasiloxane,	14.17	0.2	ug/l	84491	ISTD02	15.12	7178540	20.0

31130A.D GCMS0103.M Wed Feb 06 09:22:47 2002