User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:59:00

Sample: AD31131
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:58 Ended: 2/11/02 16:58 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		5.0

Comments for Sample AD31131 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:59:10

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\JAN0802\31131.D Vial: 19
Acq On : 10 Jan 2002 7:22 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 8:52 2002 Quant Results File: GCMS0103.RES

Quant 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
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	889299	20.00	ug/l	0.00
10) Naphthalene-d8	15.13	136	3456345	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1723023	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2440201	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1425968	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	832175	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	98610	3.52	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 70.40%			
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	15.18	128	1703	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	20.87	165	187	N.D.		
25) Diethylphthalate	21.91	149	232	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\JAN0802\31131.D Vial: 19
Acq On : 10 Jan 2002 7:22 am 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 : Mon Jan 07 10:31:02 2002
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	24.88	178	484	N.D.	
34)	Anthracene	24.88	178	484	N.D.	
35)	Di-n-butylphthalate	26.83	149	49129	0.29 ug/l	99
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	3815	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	8626	N.D.	
43)	Chrysene	32.84	228	3815	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	3406	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.	

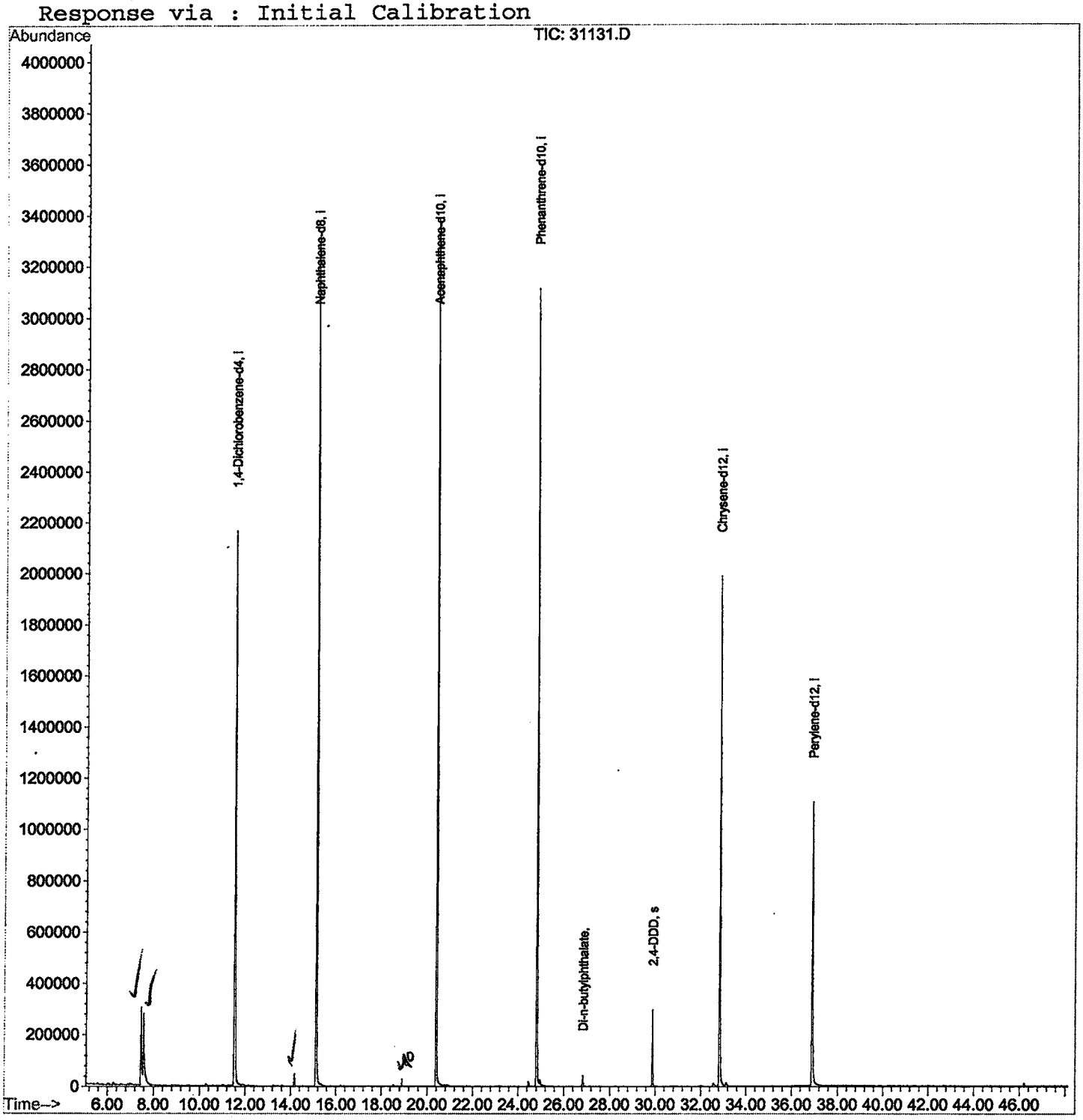
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31131.D
Acq On : 10 Jan 2002 7:22 am
Sample : gcms scan 12/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:52 2002

Vial: 19
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\JAN0802\31131.D Vial: 19
Acq On : 10 Jan 2002 7:22 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

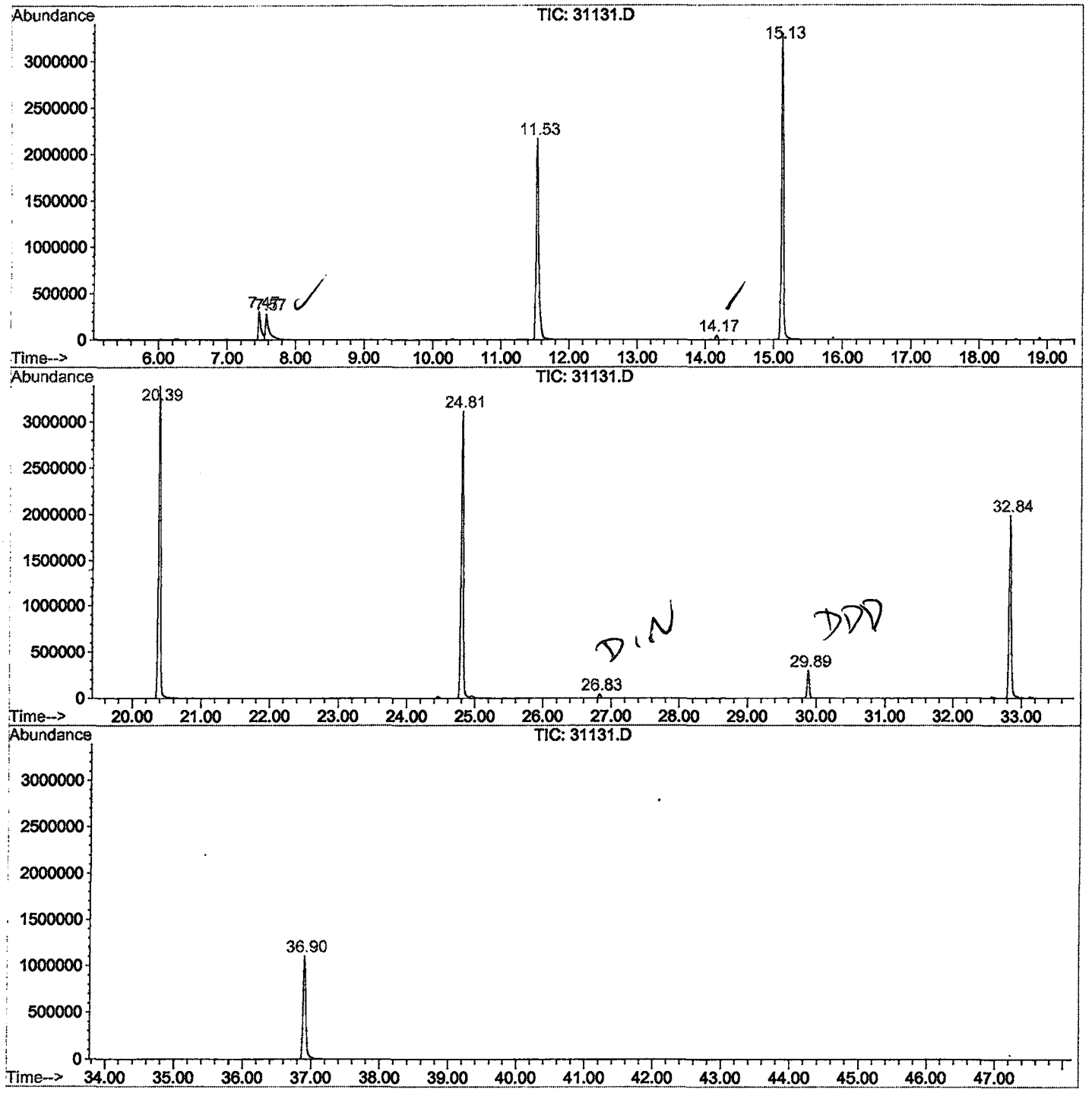
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.470	260	264	272	rBV	301762	801260	11.07%	2.169%
2	7.571	272	275	309	rVB	277552	986359	13.63%	2.671%
3	11.528	701	706	725	rBV	2165384	5555262	76.75%	15.041%
4	14.172	989	994	999	rBV	48081	91964	1.27%	0.249%
5	15.127	1092	1098	1117	rBV	3290916	7056422	97.49%	19.105%
6	20.387	1665	1671	1695	rBV	3390814	7238038	100.00%	19.597%
7	24.812	2146	2153	2165	rBV	3114028	6826424	94.31%	18.482%
8	26.832	2366	2373	2379	rBV	42177	87154	1.20%	0.236%
9	29.889	2700	2706	2713	rBV	294924	611567	8.45%	1.656%
10	32.836	3021	3027	3052	rBV2	1987053	4601049	63.57%	12.457%
11	36.902	3463	3470	3494	rBV2	1101112	3079336	42.54%	8.337%

Sum of corrected areas: 36934835

31131.D GCMS0103.M Wed Feb 06 09:18:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\31131.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 7:22 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/21
Misc Info :
Vial Number: 19
Quant File :GCMS0103.RES (RTE Integrator)



31131.D GCMS0103.M Wed Feb 06 09:19:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31131.D
Acq On : 10 Jan 2002 7:22 am
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

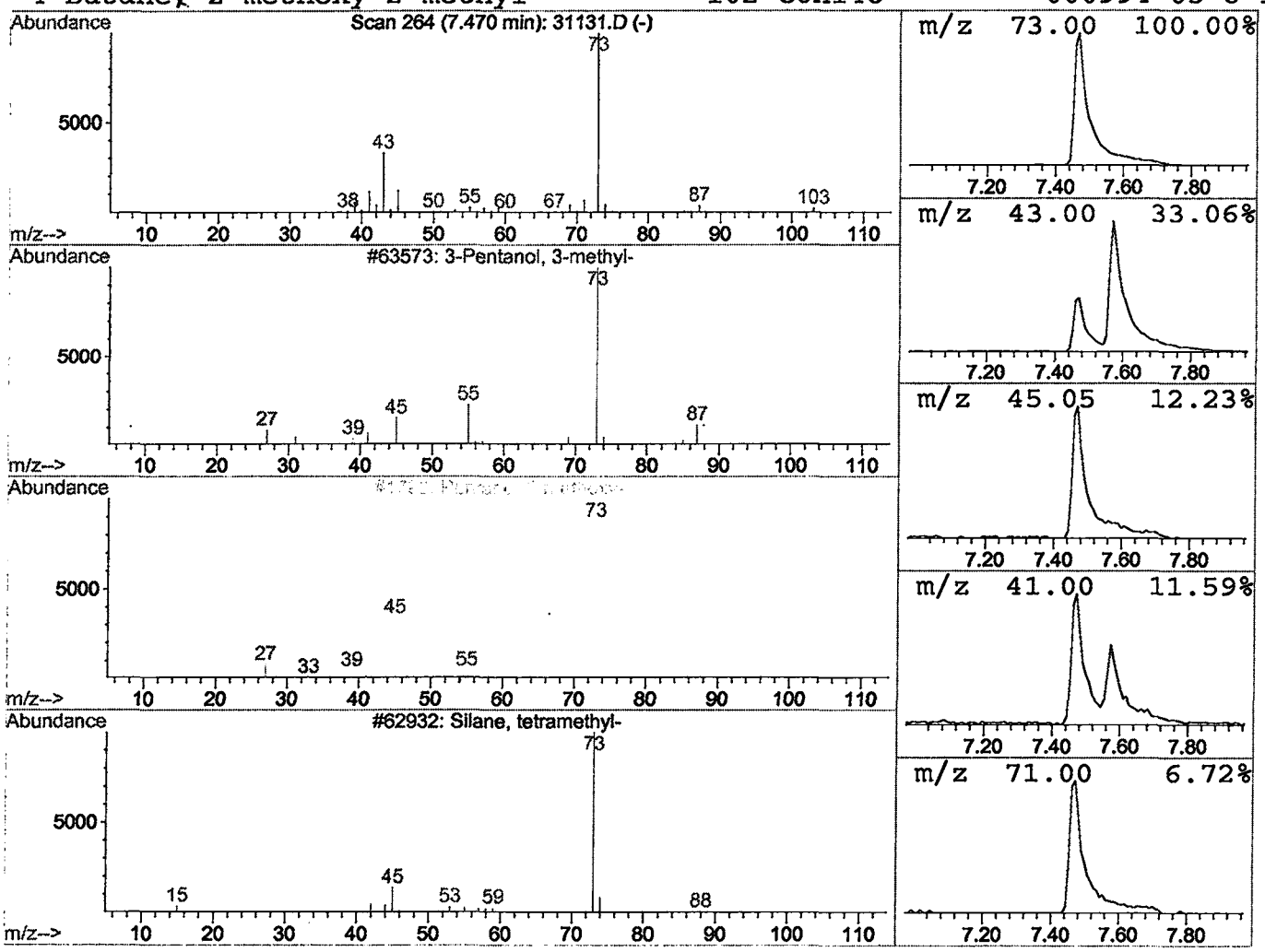
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.88 ug/l	801260	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	28
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31131.D
Acq On : 10 Jan 2002 7:22 am
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

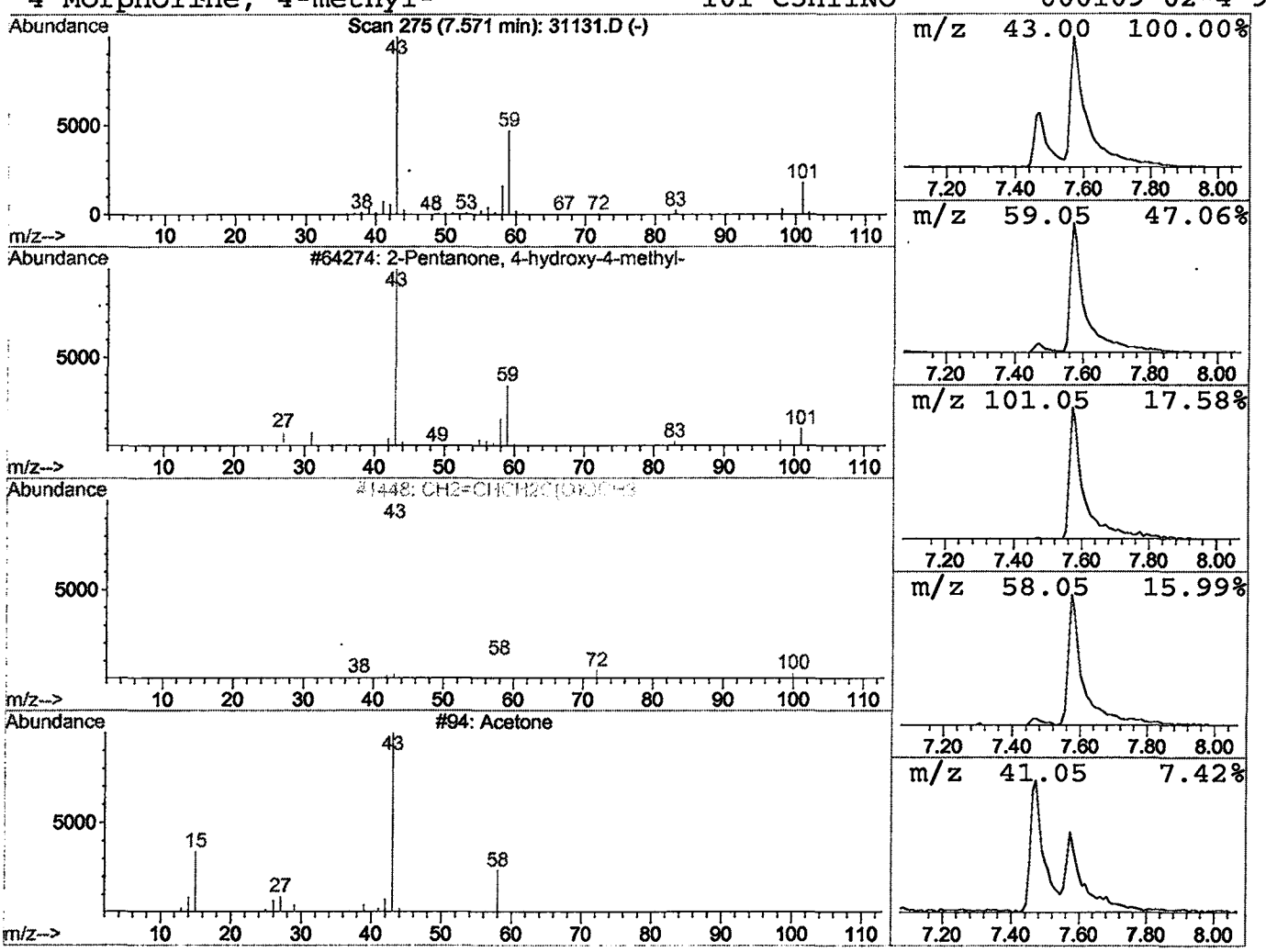
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.55 ug/l	986359	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	74
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31131.D Vial: 19
Acq On : 10 Jan 2002 7:22 am Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

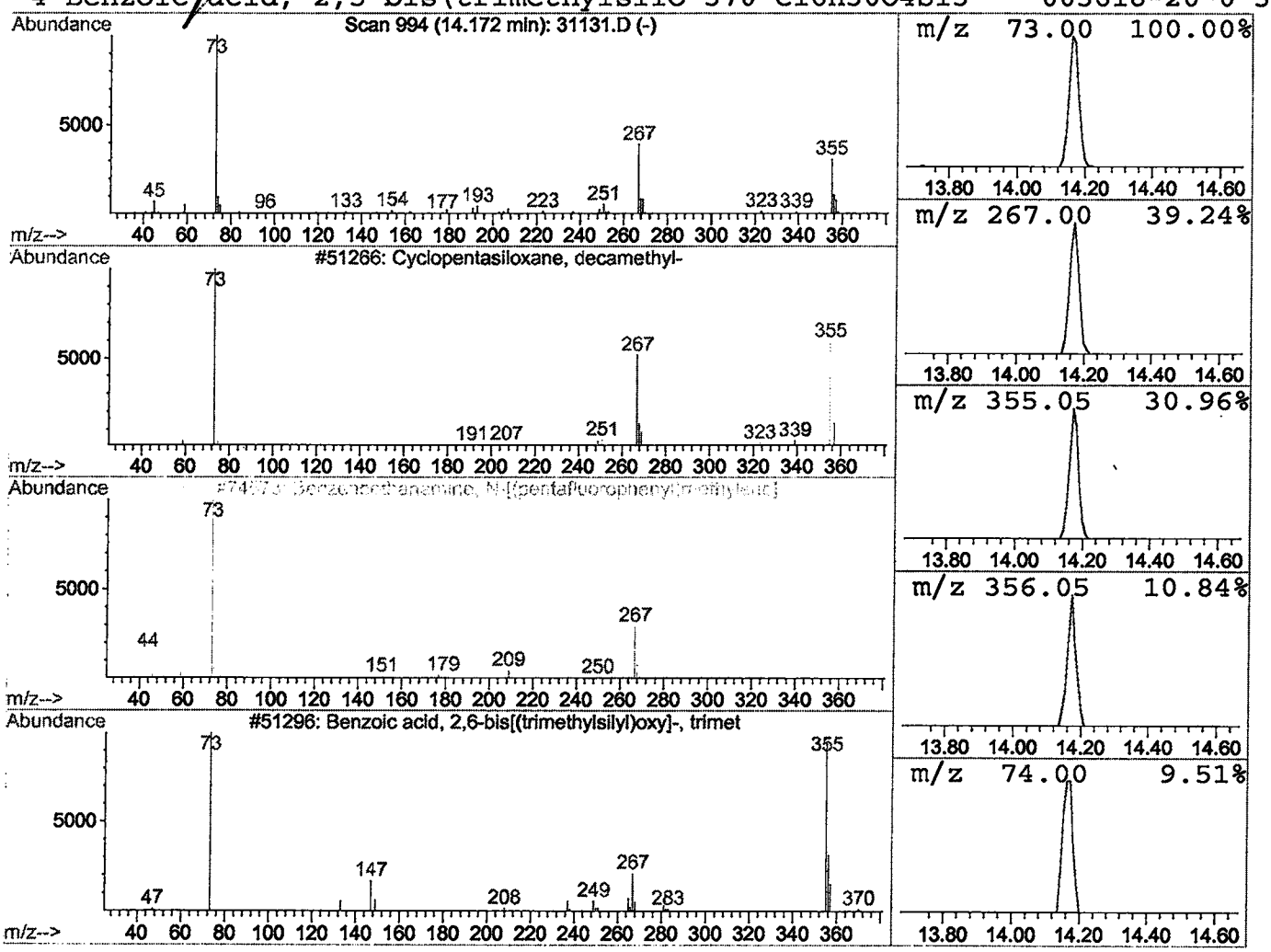
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.26 ug/l	91964	Naphthalene-d8	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	37
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 7:22 am
Data File: C:\HPCHEM\1\DATA\JAN0802\31131.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	2.9	ug/l	801260	ISTD01	11.53	5555260	20.0
2-Pentanone, 4-hydro	7.57	3.6	ug/l	986359	ISTD01	11.53	5555260	20.0
Cyclopentasiloxane,	14.17	0.3	ug/l	91964	ISTD02	15.13	7056420	20.0

31131.D GCMS0103.M Wed Feb 06 09:19:21 2002