User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 16:02:16

Sample: AD31347
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 16:01 Ended: 2/7/02 16:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		114		5.0

Comments for Sample AD31347 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 16:02:44

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 6 of the 43 compounds were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31347.D Vial: 10
Acq On : 15 Jan 2002 7:45 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:03 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	721644m	20.00	ug/l	-0.20
10) Naphthalene-d8	15.09	136	2798834	20.00	ug/l	-0.22
17) Acenaphthene-d10	20.36	164	1434106	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.77	188	1868997	20.00	ug/l	-0.22
38) Chrysene-d12	32.80	240	1036374	20.00	ug/l	-0.24
44) Perylene-d12	36.86	264	691521	20.00	ug/l	-0.25
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	117230	5.71	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 114.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	362	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	15.15	128	2461	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	20.63	165	396	N.D.		
25) Diethylphthalate	21.88	149	861	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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Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

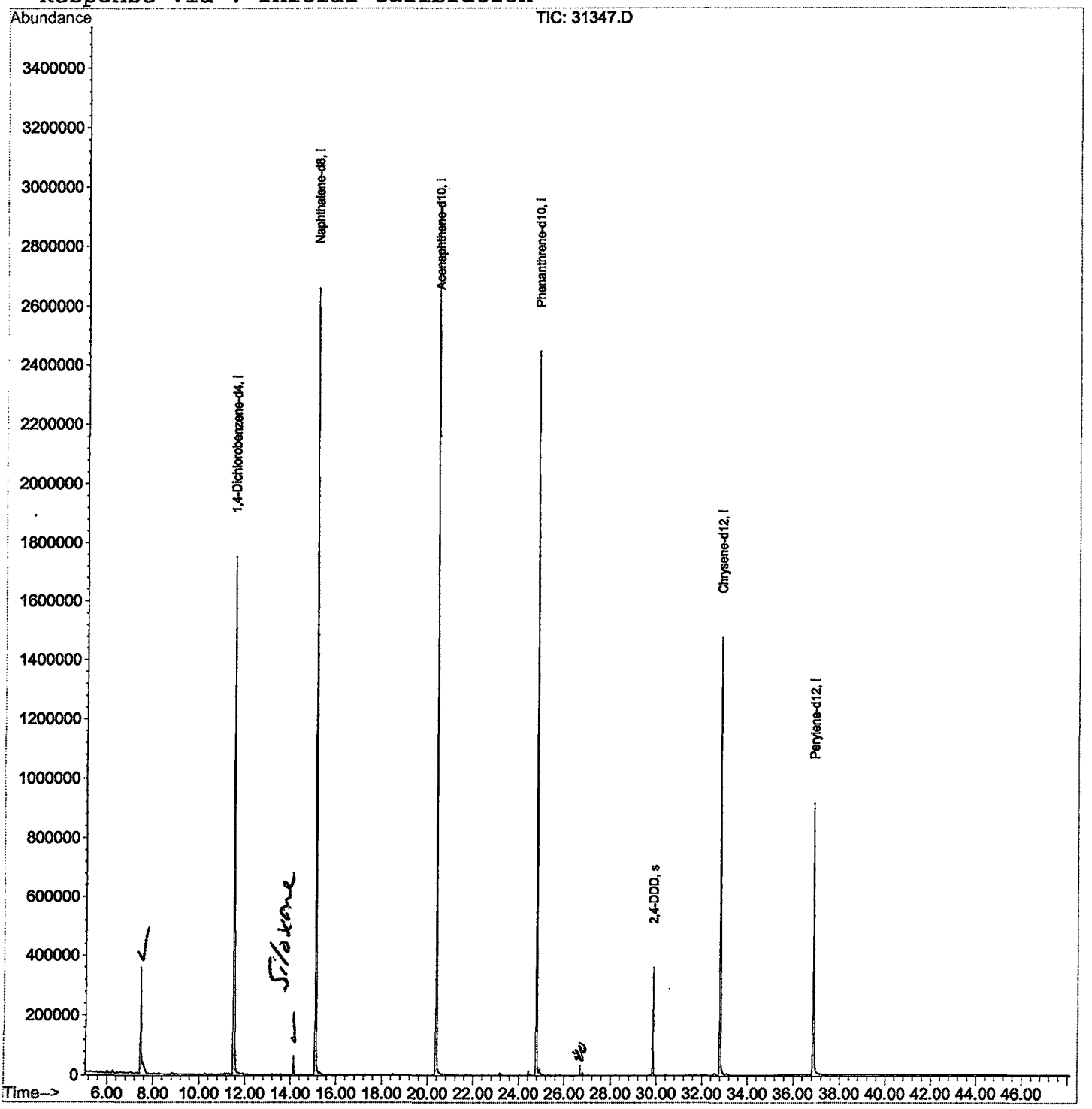
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.84	178	361	N.D.	
34)	Anthracene	24.84	178	361	N.D.	
35)	Di-n-butylphthalate	26.80	149	12614	N.D.	
36)	Fluoranthene	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	32.80	228	2897	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.09	149	3690	N.D.	
43)	Chrysene	32.80	228	2897	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	36.86	252	2696	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\JAN1502\31347.D Vial: 10
Acq On : 15 Jan 2002 7:45 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:03 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31347.D Vial: 10
Acq On : 15 Jan 2002 7:45 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

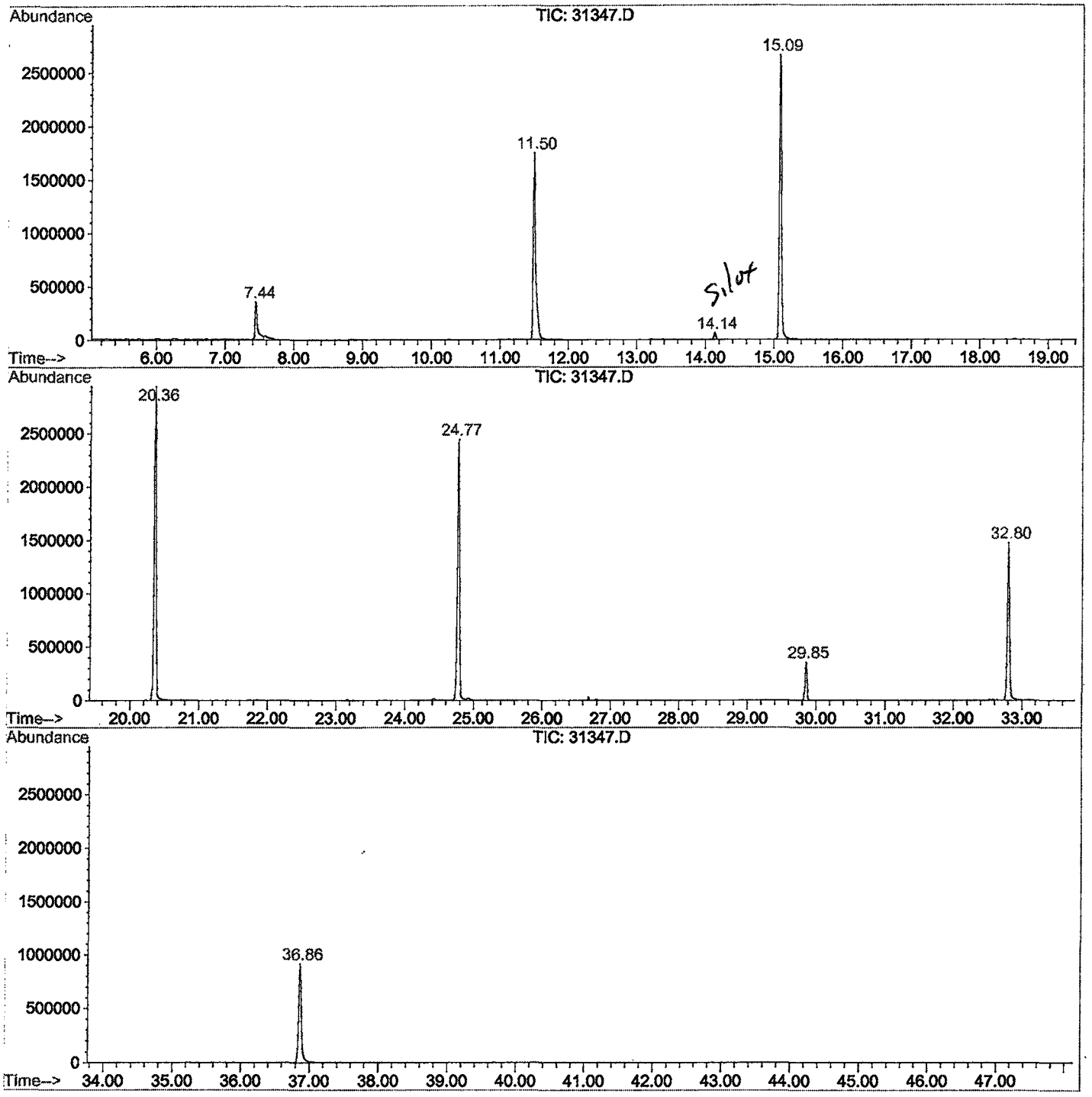
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.442	257	261	274	rBV	353144	926633	15.35%	3.173%
2	11.500	698	703	723	rBV	1749269	4525893	74.96%	15.497%
3	14.144	984	991	996	rBV	64830	121605	2.01%	0.416%
4	15.089	1089	1094	1114	rBV	2658253	5756081	95.34%	19.709%
5	20.359	1661	1668	1682	rBV	2947470	6037539	100.00%	20.673%
6	24.775	2142	2149	2162	rBV2	2445233	5237690	86.75%	17.934%
7	29.851	2696	2702	2709	rBV	358049	721858	11.96%	2.472%
8	32.798	3017	3023	3043	rBV2	1474812	3330216	55.16%	11.403%
9	36.865	3459	3466	3486	rBV	913118	2548052	42.20%	8.725%

Sum of corrected areas: 29205567

31347.D GCMS1126.M Mon Feb 04 15:02:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31347.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 7:45 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



31347.D GCMS1126.M Mon Feb 04 15:02:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31347.D
Acq On : 15 Jan 2002 7:45 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

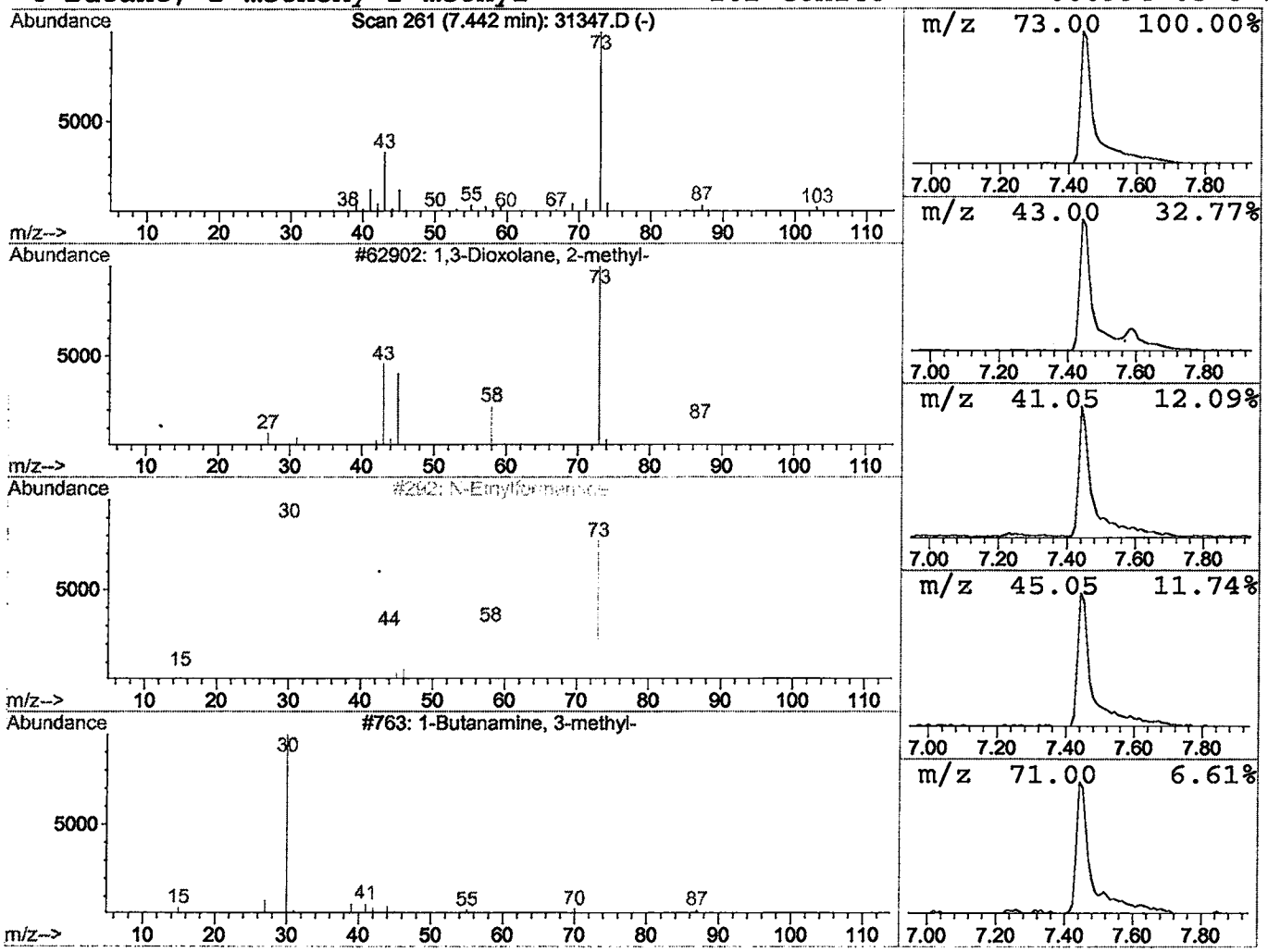
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	4.09 ug/l	926633	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31347.D
Acq On : 15 Jan 2002 7:45 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

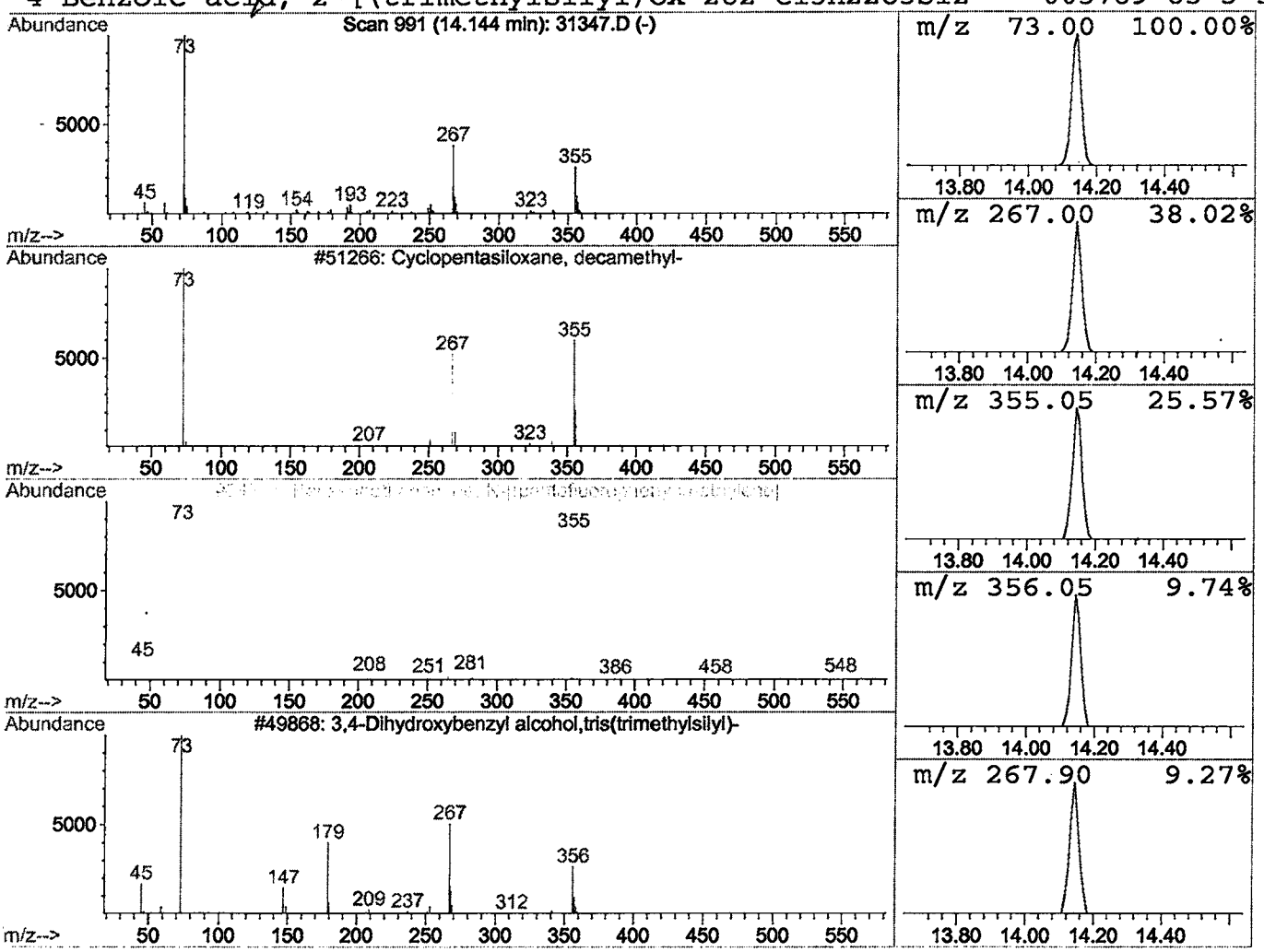
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	0.42 ug/l	121605	Naphthalene-d8	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	32



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 7:45 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\31347.D
Name: gc/ms scan 12/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
1,3-Dioxolane, 2-met	7.44	4.1	ug/l	926633	ISTD01	11.50	4525890	20.0
Cyclopentasiloxane,	14.14	0.4	ug/l	121605	ISTD02	15.09	5756080	20.0

31347.D GCMS1126.M Mon Feb 04 15:02:22 2002