User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:04:33

Sample: AD31433
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 15:01 Ended: 2/15/02 15:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AD31433 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:04:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 15 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1802\31433.D Vial: 7
Acq On : 18 Jan 2002 9:29 pm Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:15 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	11.50	152	750396	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2918715	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1466719	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2029903	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1218025	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	779802	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	115318	4.95	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 99.00%			
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	15.16	128	1041	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	20.81	165	183	N.D.		
25) Diethylphthalate	21.88	149	1264	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\JAN1802\31433.D Vial: 7
Acq On : 18 Jan 2002 9:29 pm Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:15 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	24.84	178	218	N.D.	
34)	Anthracene	24.84	178	218	N.D.	
35)	Di-n-butylphthalate	26.79	149	7157	N.D.	
36)	Fluoranthene	28.46	202	180	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.31	149	803	N.D.	
41)	Benzo(a)anthracene	32.80	228	3925	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	14579	N.D.	
43)	Chrysene	32.87	228	1253	N.D.	
45)	Di-n-Octylphthalate	34.84	149	5467	N.D.	
46)	Benzo(b)fluoranthene	35.90	252	6808	N.D.	
47)	Benzo(k)fluoranthene	35.90	252	5935	N.D.	
48)	Benzo(a)pyrene	36.71	252	2209	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.45	276	281	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	41.52	276	921	N.D.	

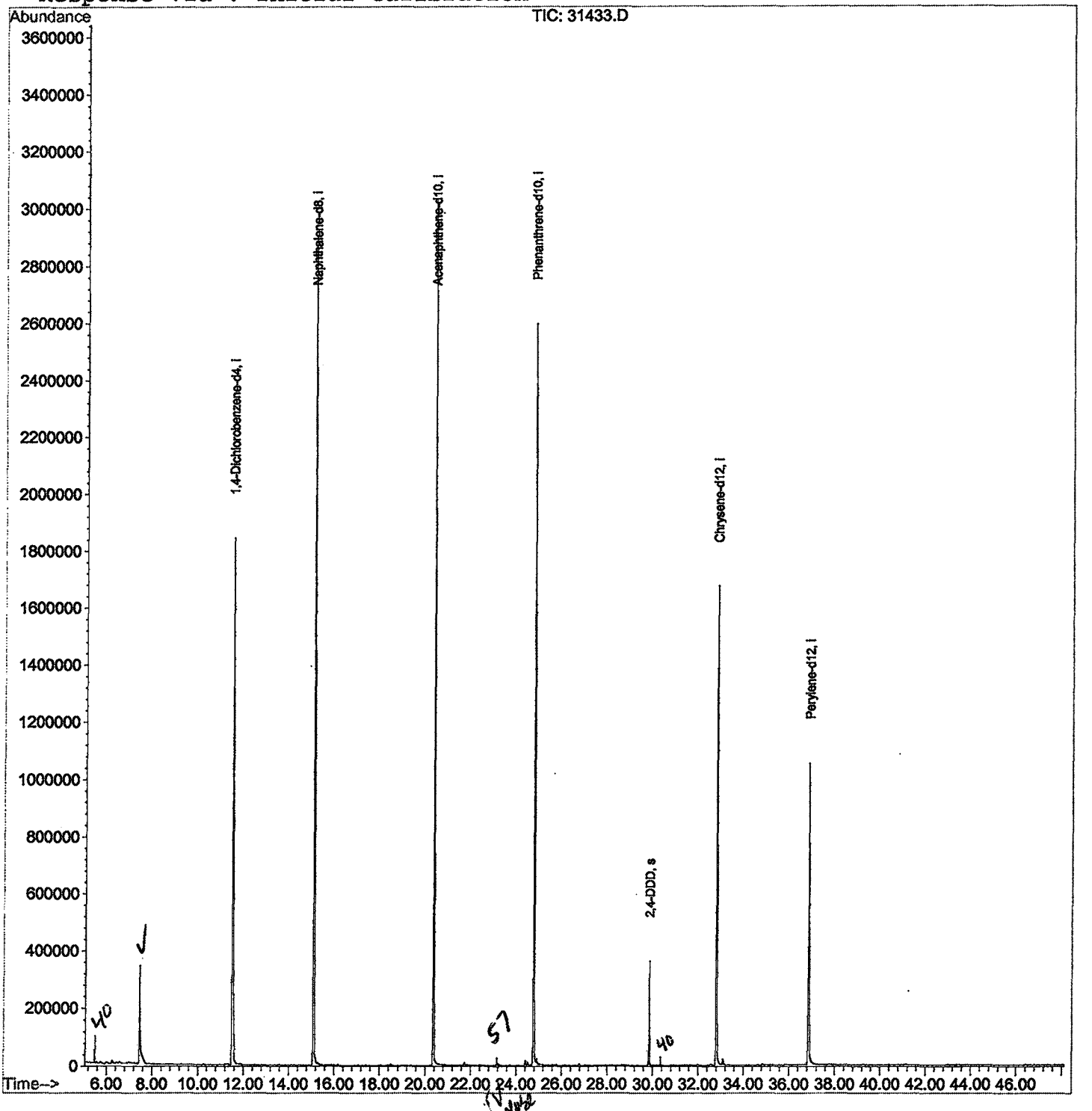
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31433.D
Acq On : 18 Jan 2002 9:29 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:15 2002

Vial: 7
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\JAN1802\31433.D Vial: 7
Acq On : 18 Jan 2002 9:29 pm Operator: 209 GALOS
Sample : gc/ms scan 12/31 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

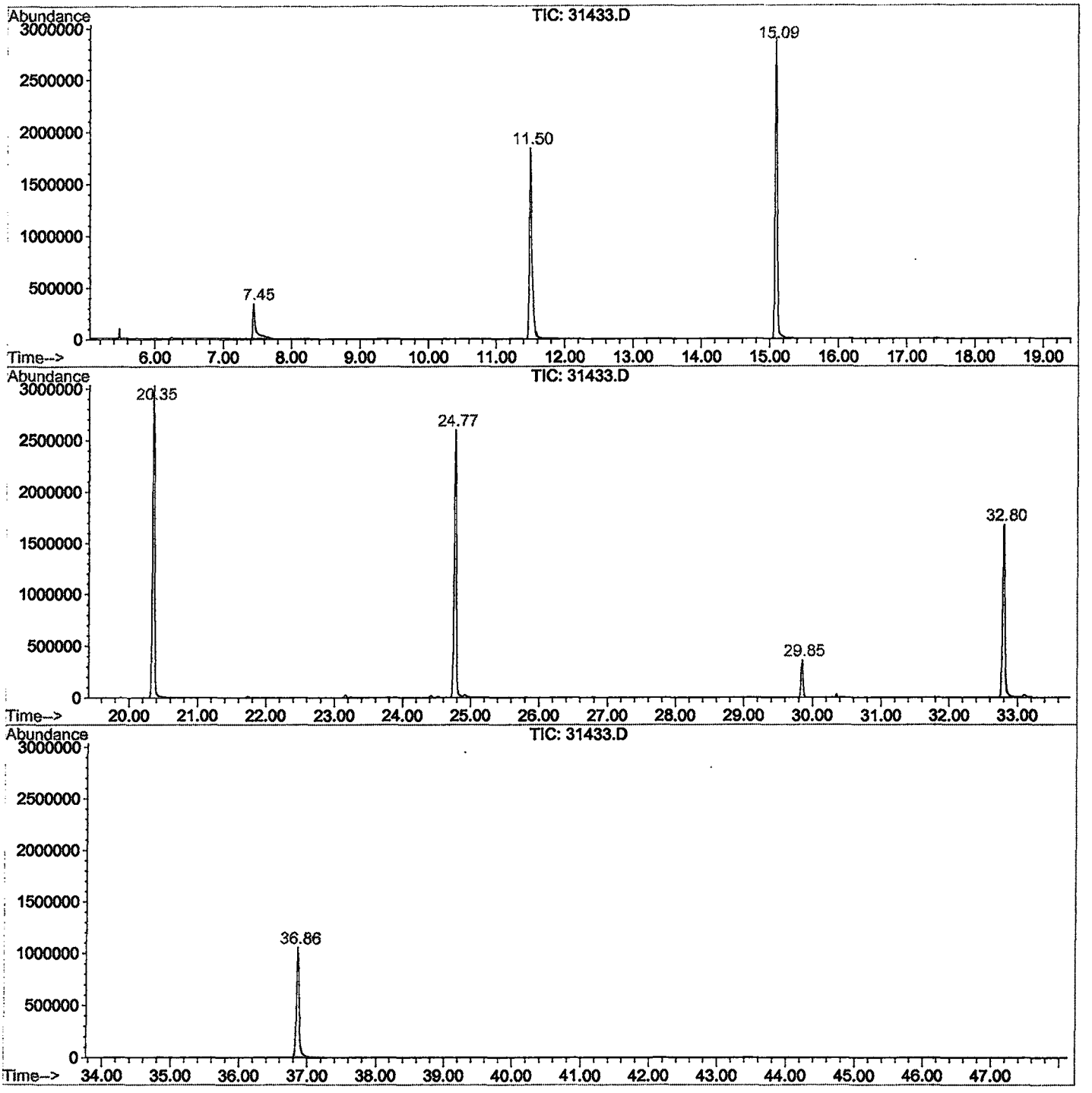
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	292	rBV	338703	1006847	16.25%	3.199%
2	11.495	698	703	724	rBV	1841917	4827096	77.91%	15.338%
3	15.094	1089	1095	1113	rBV	2899236	6081905	98.17%	19.325%
4	20.354	1662	1668	1686	rBV	3033423	6195475	100.00%	19.686%
5	24.770	2143	2149	2161	rBV2	2594773	5724749	92.40%	18.190%
6	29.847	2697	2702	2711	rBV	360586	723406	11.68%	2.299%
7	32.803	3017	3024	3041	rBV2	1674611	3995006	64.48%	12.694%
8	36.860	3458	3466	3487	rBV	1052610	2917523	47.09%	9.270%

Sum of corrected areas: 31472007

31433.D GCMS0103.M Wed Feb 06 15:32:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31433.D
Operator : 209 GALOS
Acquired : 18 Jan 2002 9:29 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 7
Quant File :GCMS0103.RES (RTE Integrator)



31433.D GCMS0103.M Wed Feb 06 15:32:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31433.D
Acq On : 18 Jan 2002 9:29 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

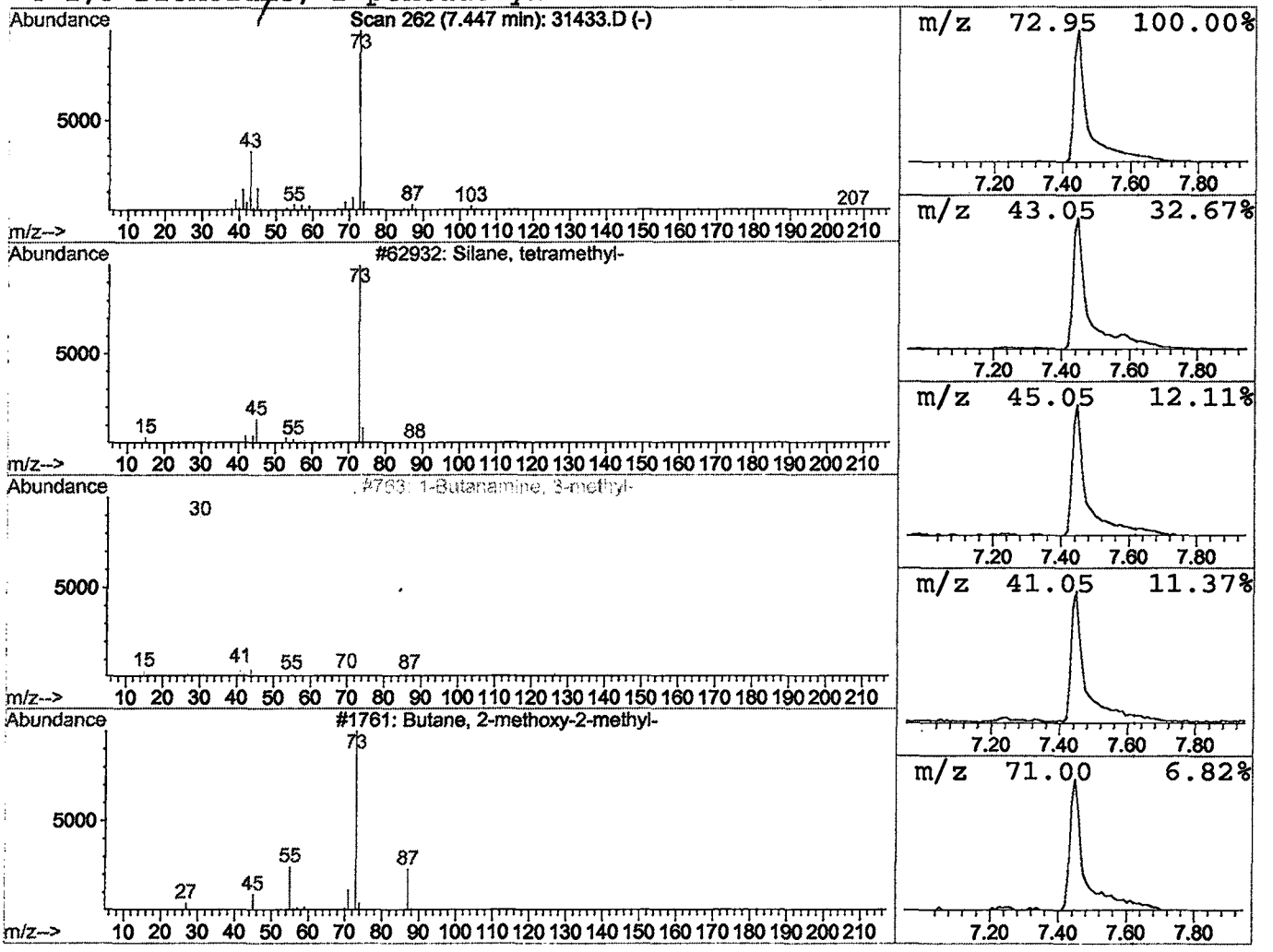
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.17 ug/l	1006850	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Jan 2002 9:29 pm
Data File: C:\HPCHEM\1\DATA\JAN1802\31433.D
Name: gc/ms scan 12/31
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-	7.45	4.2	ug/l	1006850	ISTD01	11.50	4827100	20.0

31433.D GCMS0103.M Wed Feb 06 15:32:39 2002