User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:00:20

Sample: AD31464
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 14:59 Ended: 2/15/02 14:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		5.0

Comments for Sample AD31464 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:00:23

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\31464.D Vial: 6
Acq On : 18 Jan 2002 8:31 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 15:13 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	806059	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3166517	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1610699	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2208960	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1402011	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	877165	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	138842	5.48	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 109.60%			
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	15.15	128	938	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	20.64	165	296	N.D.		
25) Diethylphthalate	21.89	149	4022	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\31464.D Vial: 6
Acq On : 18 Jan 2002 8:31 pm Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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	24.83	178	274	N.D.	
34)	Anthracene	24.83	178	274	N.D.	
35)	Di-n-butylphthalate	26.79	149	6716	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	32.79	228	4919	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	3160	N.D.	
43)	Chrysene	32.88	228	631	N.D.	
45)	Di-n-Octylphthalate	34.83	149	768	N.D.	
46)	Benzo(b)fluoranthene	35.84	252	1337	N.D.	
47)	Benzo(k)fluoranthene	35.91	252	3977	N.D.	
48)	Benzo(a)pyrene	36.71	252	1138	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

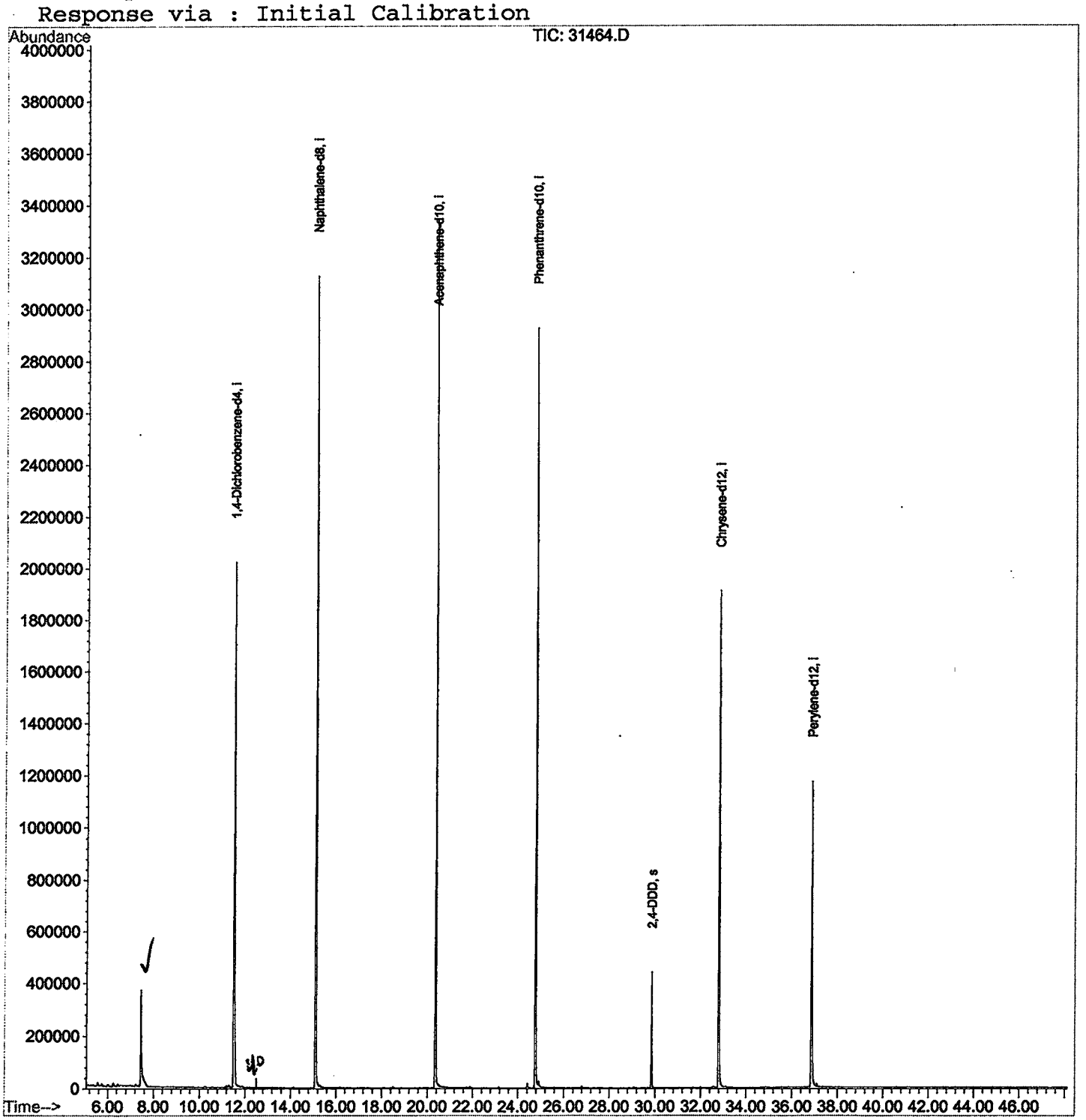
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31464.D
Acq On : 18 Jan 2002 8:31 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:13 2002

Vial: 6
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\31464.D Vial: 6
Acq On : 18 Jan 2002 8:31 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

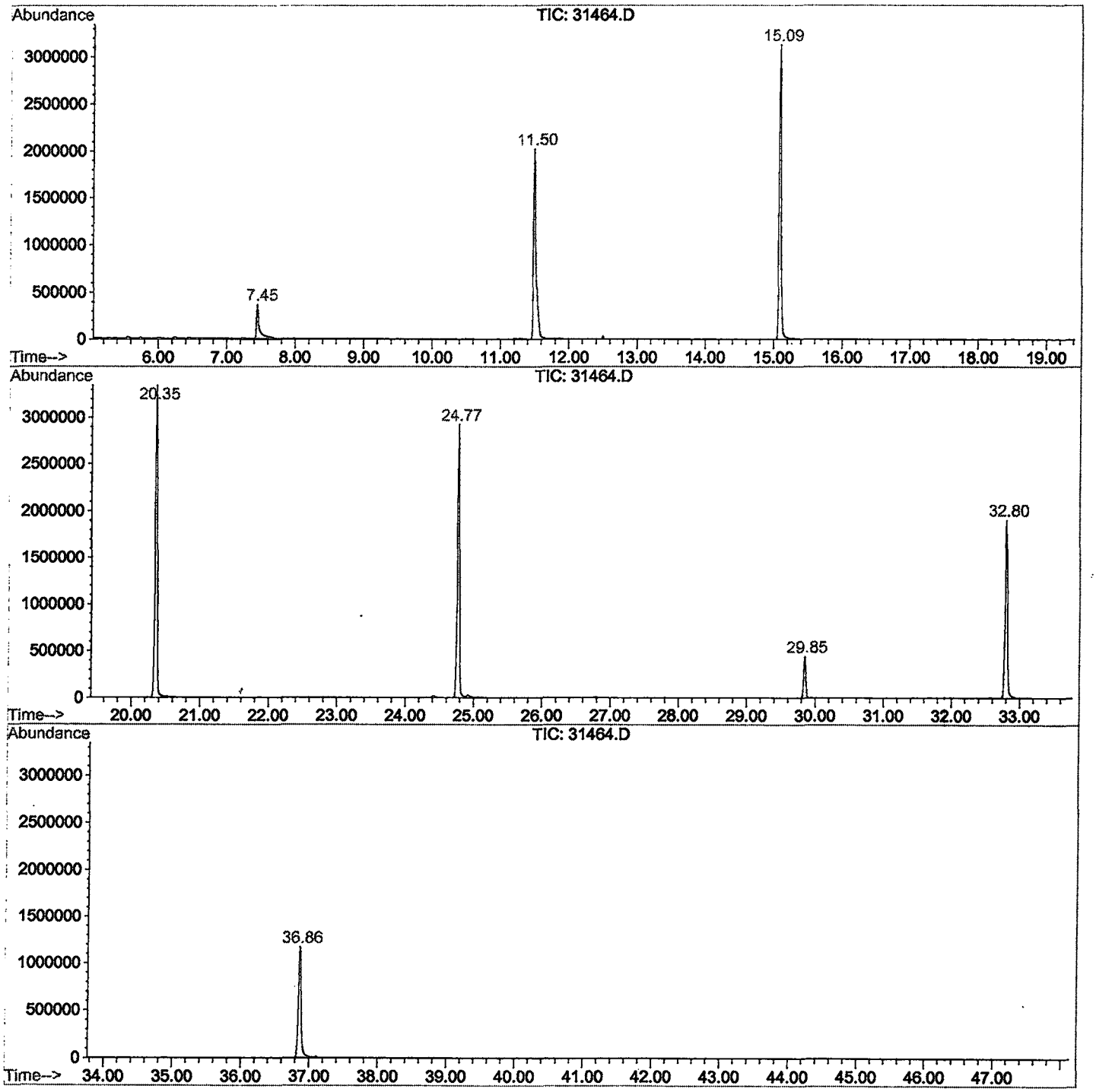
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	294	rVB	363267	1085934	16.14%	3.148%
2	11.496	698	703	726	rBV	2020604	5190637	77.13%	15.047%
3	15.094	1089	1095	1113	rBV	3124726	6531239	97.05%	18.933%
4	20.355	1662	1668	1681	rBV	3345060	6729585	100.00%	19.508%
5	24.770	2143	2149	2162	rBV2	2924006	6261856	93.05%	18.152%
6	29.847	2697	2702	2710	rBV	440336	872016	12.96%	2.528%
7	32.803	3017	3024	3039	rBV2	1908356	4533343	67.36%	13.141%
8	36.861	3459	3466	3488	rBV2	1170303	3292446	48.92%	9.544%

Sum of corrected areas: 34497056

31464.D GCMS0103.M Wed Feb 06 15:33:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31464.D
Operator : 209 GALOS
Acquired : 18 Jan 2002 8:31 pm using AcqMethod.GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 6
Quant File :GCMS0103.RES (RTE Integrator)



31464.D GCMS0103.M Wed Feb 06 15:33:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31464.D
Acq On : 18 Jan 2002 8:31 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

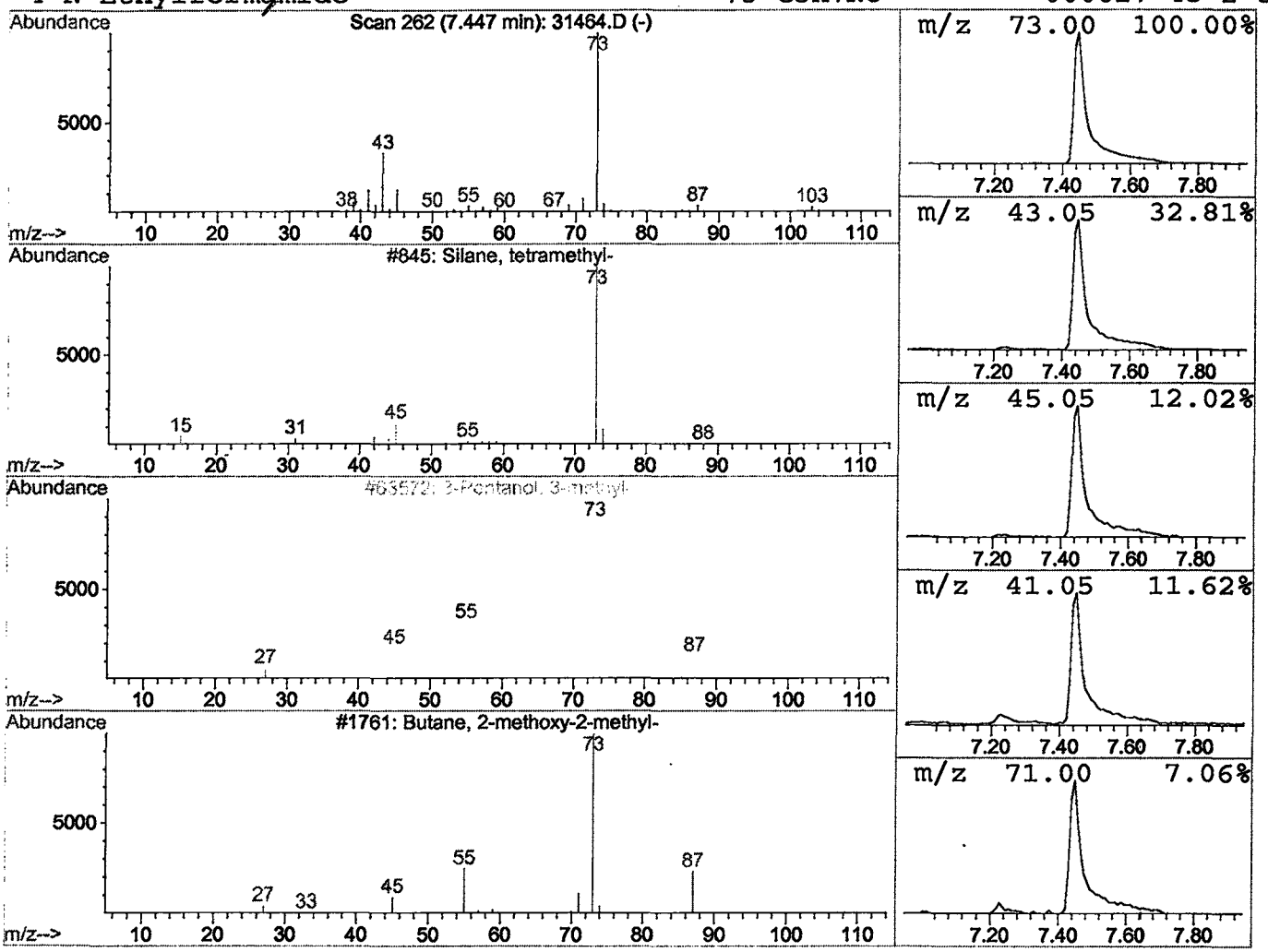
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.18 ug/l	1085930	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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Jan 2002 8:31 pm
Data File: C:\HPCHEM\1\DATA\JAN1802\31464.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	1085930	ISTD01	11.50	5190640	20.0

31464.D GCMS0103.M Wed Feb 06 15:33:17 2002