User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 08:02:15

Sample: AD31457
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 08:01 Ended: 2/13/02 08:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

Comments for Sample AD31457 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 08:02:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31457.D Vial: 14
Acq On : 17 Jan 2002 12:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:58 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	11.50	152	828701	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3250090	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1630028	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2285993	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1482499	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	994418	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	152468	5.81	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 116.20%			
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	13.87	82	583	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	1121	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	19.76	163	1397	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	19.90	152	314	N.D.		
23) Acenaphthene	20.45	153	535	N.D.		
24) 2,4-Dinitrotoluene	20.82	165	321	N.D.		
25) Diethylphthalate	21.88	149	2952	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	21.98	166	608	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\JAN1602\31457.D Vial: 14
Acq On : 17 Jan 2002 12:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:58 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

	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	887	N.D.	
34)	Anthracene	24.98	178	194	N.D.	
35)	Di-n-butylphthalate	26.80	149	50003	0.32 ug/l	100
36)	Fluoranthene	28.46	202	216	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	3760	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	3470	N.D.	
43)	Chrysene	32.80	228	3760	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	3819	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.	

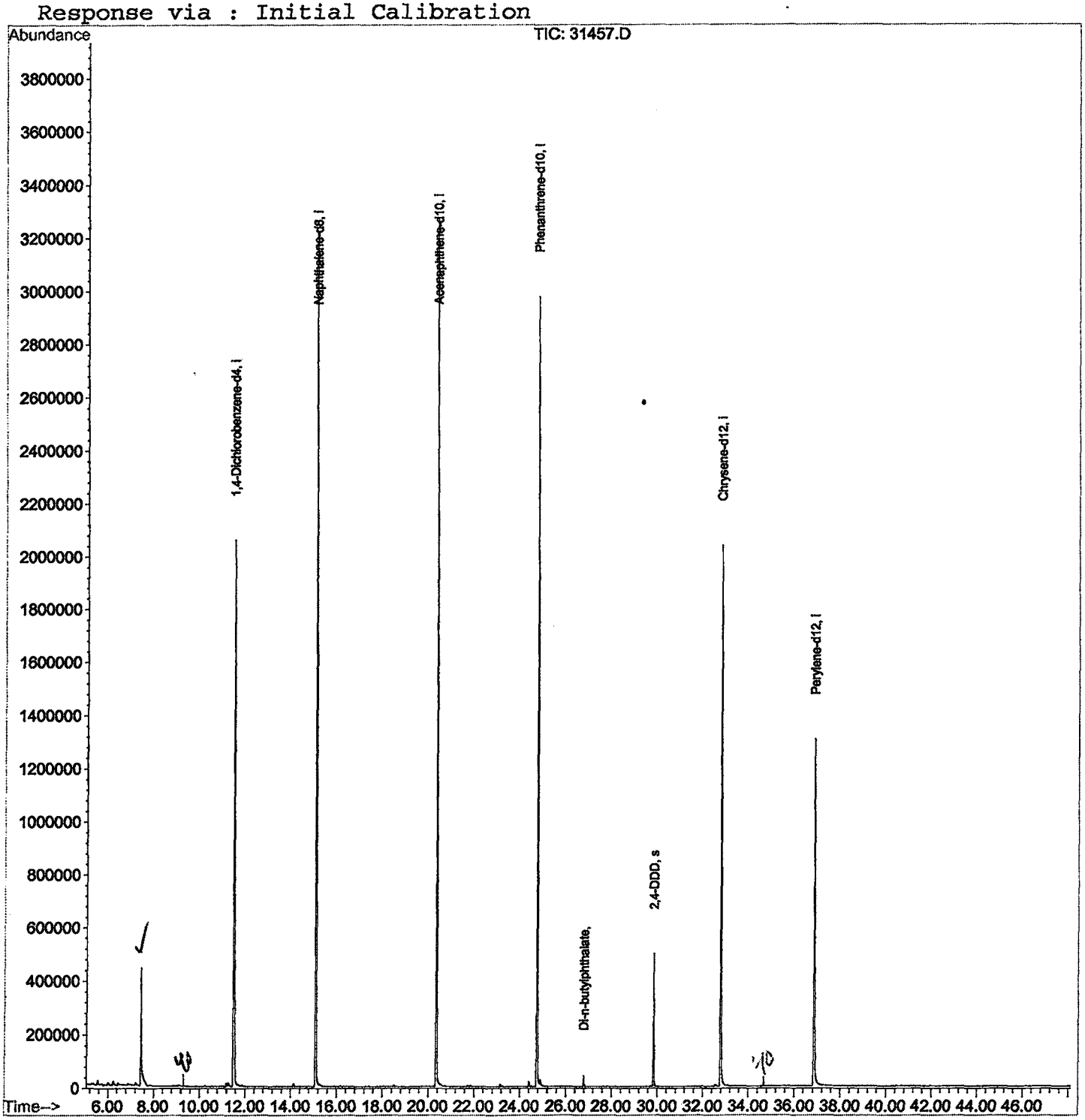
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31457.D
Acq On : 17 Jan 2002 12:20 am
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:58 2002

Vial: 14
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\JAN1602\31457.D Vial: 14
Acq On : 17 Jan 2002 12:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/27 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

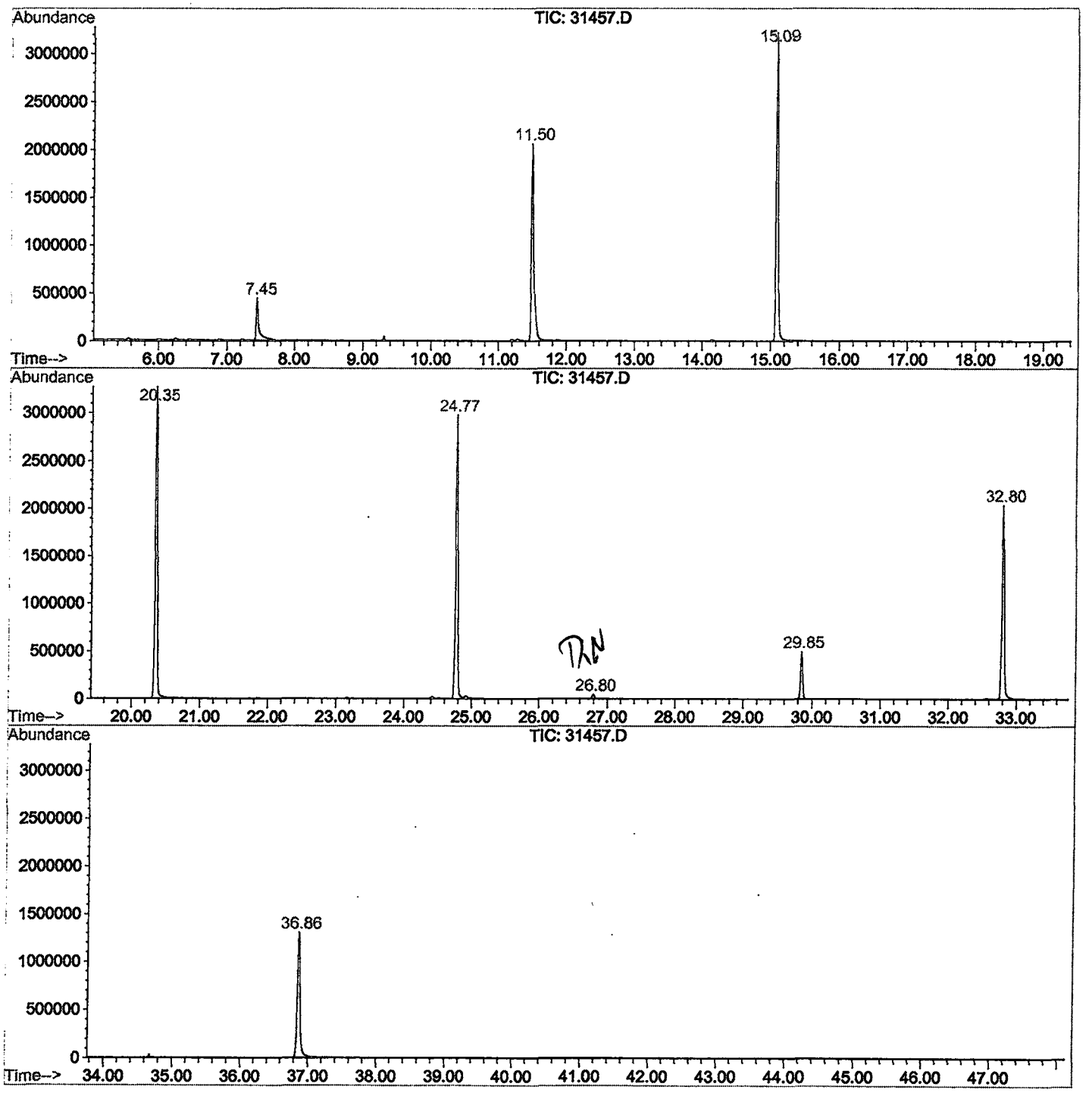
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	295	rVB	438532	1243167	18.14%	3.443%
2	11.495	698	703	723	rBV	2056073	5323208	77.67%	14.741%
3	15.094	1089	1095	1113	rBV	3212802	6671433	97.34%	18.475%
4	20.354	1661	1668	1687	rBV	3271688	6853446	100.00%	18.979%
5	24.770	2143	2149	2162	rBV2	2975621	6470100	94.41%	17.917%
6	26.799	2364	2370	2378	rBV	43292	90301	1.32%	0.250%
7	29.847	2697	2702	2710	rBV	495394	969776	14.15%	2.686%
8	32.803	3017	3024	3046	rBV2	2035541	4789443	69.88%	13.263%
9	36.860	3459	3466	3486	rBV	1301468	3700164	53.99%	10.247%

Sum of corrected areas: 36111038

31457.D GCMS0103.M Thu Feb 07 09:17:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31457.D
Operator : 209 GALOS
Acquired : 17 Jan 2002 12:20 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 14
Quant File :GCMS0103.RES (RTE Integrator)



31457.D GCMS0103.M Thu Feb 07 09:17:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31457.D
Acq On : 17 Jan 2002 12:20 am
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

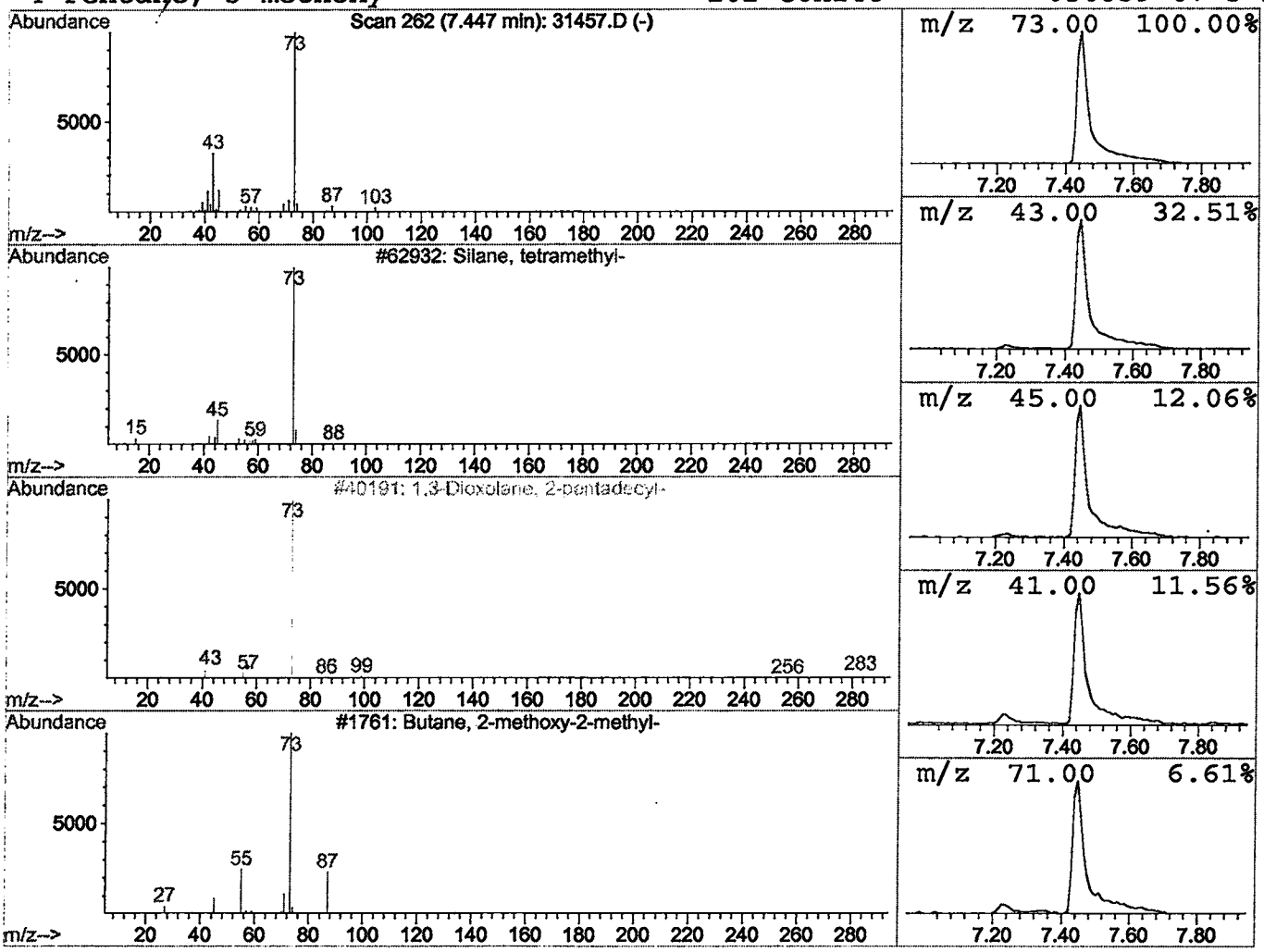
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.67 ug/l	1243170	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	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 12:20 am
Data File: C:\HPCHEM\1\DATA\JAN1602\31457.D
Name: gc/ms scan 12/27
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	4.7	ug/l	1243170	ISTD01	11.50	5323210	20.0

31457.D GCMS0103.M Thu Feb 07 09:18:05 2002