User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:58:15

Sample: AD31458
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 07:57 Ended: 2/13/02 07:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AD31458 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 07:58:37

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\31458.D Vial: 6
Acq On : 16 Jan 2002 4:32 pm 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 8:39 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	856937	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3322608	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1661481	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2265148	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1237201	20.00	ug/l	-0.04
44) Perylene-d12	36.86	264	779947	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	138480	5.33	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 106.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	328	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	587	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	262	N.D.		
25) Diethylphthalate	21.89	149	292	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\JAN1602\31458.D Vial: 6
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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	24.84	178	101	N.D.	
34) Anthracene	24.84	178	101	N.D.	
35) Di-n-butylphthalate	26.79	149	39292	0.25 ug/l #	98
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	3409	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.10	149	895	N.D.	
43) Chrysene	32.88	228	314	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	3364	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.	

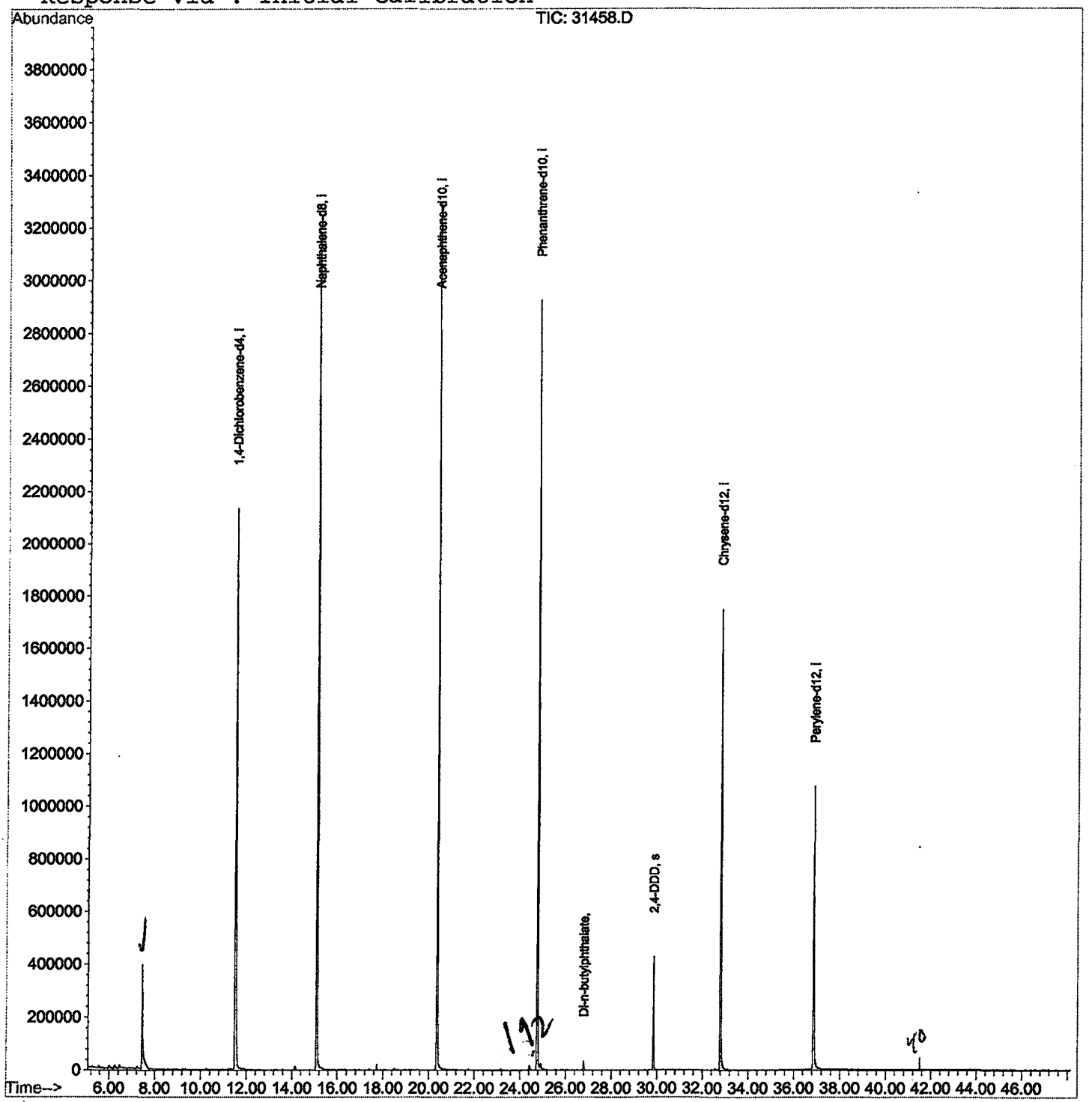
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31458.D
Acq On : 16 Jan 2002 4:32 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:39 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\JAN1602\31458.D Vial: 6
Acq On : 16 Jan 2002 4:32 pm 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

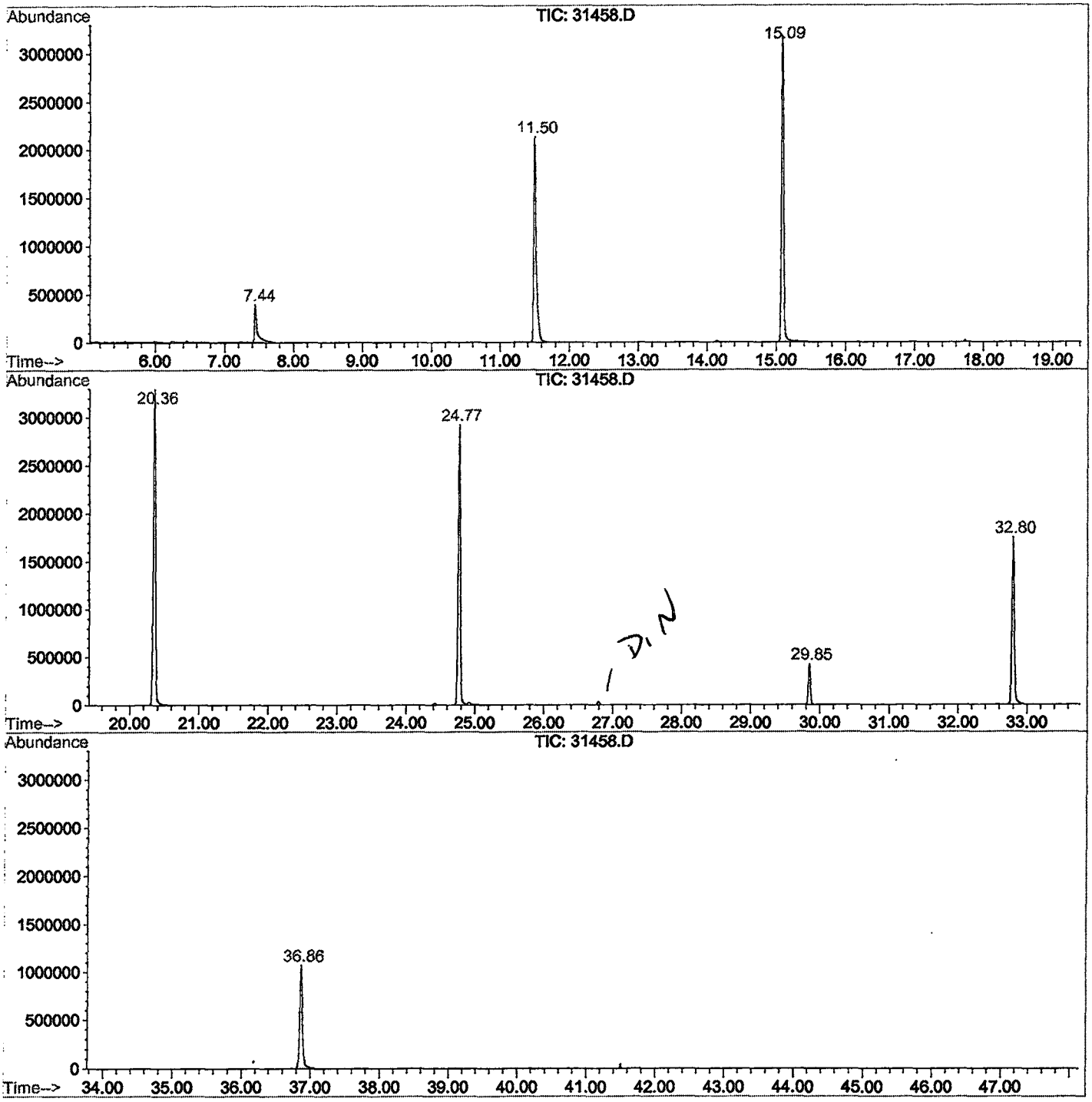
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.442	257	261	296	rVB	392495	1140030	16.39%	3.305%
2	11.500	698	703	721	rBV	2132863	5433478	78.12%	15.751%
3	15.089	1089	1094	1113	rBV	3180055	6815397	97.98%	19.757%
4	20.359	1661	1668	1683	rBV	3299386	6955734	100.00%	20.163%
5	24.774	2142	2149	2161	rBV2	2924654	6396800	91.96%	18.543%
6	29.851	2696	2702	2711	rBV	426628	865999	12.45%	2.510%
7	32.798	3017	3023	3046	rBV2	1745711	4001048	57.52%	11.598%
8	36.865	3459	3466	3489	rBV	1070502	2888359	41.52%	8.373%

Sum of corrected areas: 34496845

31458.D GCMS0103.M Thu Feb 07 09:18:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31458.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 4:32 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 6
Quant File :GCMS0103.RES (RTE Integrator)



31458.D GCMS0103.M Thu Feb 07 09:18:35 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31458.D
Acq On : 16 Jan 2002 4:32 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

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

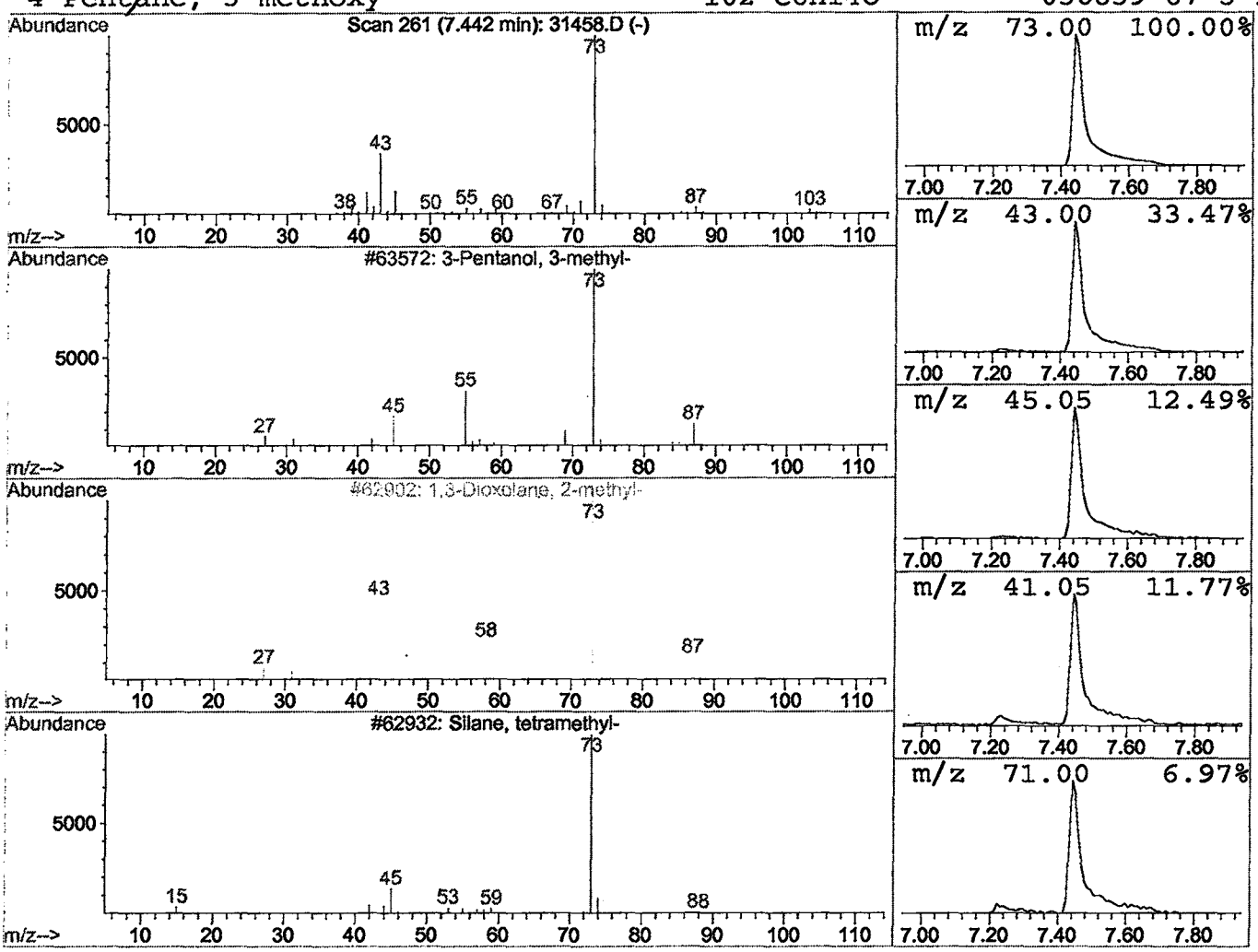
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	4.20 ug/l	1140030	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 4:32 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31458.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
~~3-Pentanol, 3-methyl~~	7.44	4.2	ug/l	1140030	ISTD01	11.50	5433480	20.0

31458.D GCMS0103.M Thu Feb 07 09:18:44 2002