User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:32:37

Sample: AD31461
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:32 Ended: 2/11/02 17:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD31461 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:32:51

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveies 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\31461.D Vial: 29
Acq On : 17 Jan 2002 4:00 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:25 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	707171	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2753545	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1380974	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	1870504	20.00	ug/l	-0.04
38) Chrysene-d12	32.80	240	1039789	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	630026	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	97000	4.52	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 90.40%			
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	796	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	20.68	165	353	N.D.		
25) Diethylphthalate	21.90	149	705	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\31461.D Vial: 29
Acq On : 17 Jan 2002 4:00 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:25 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

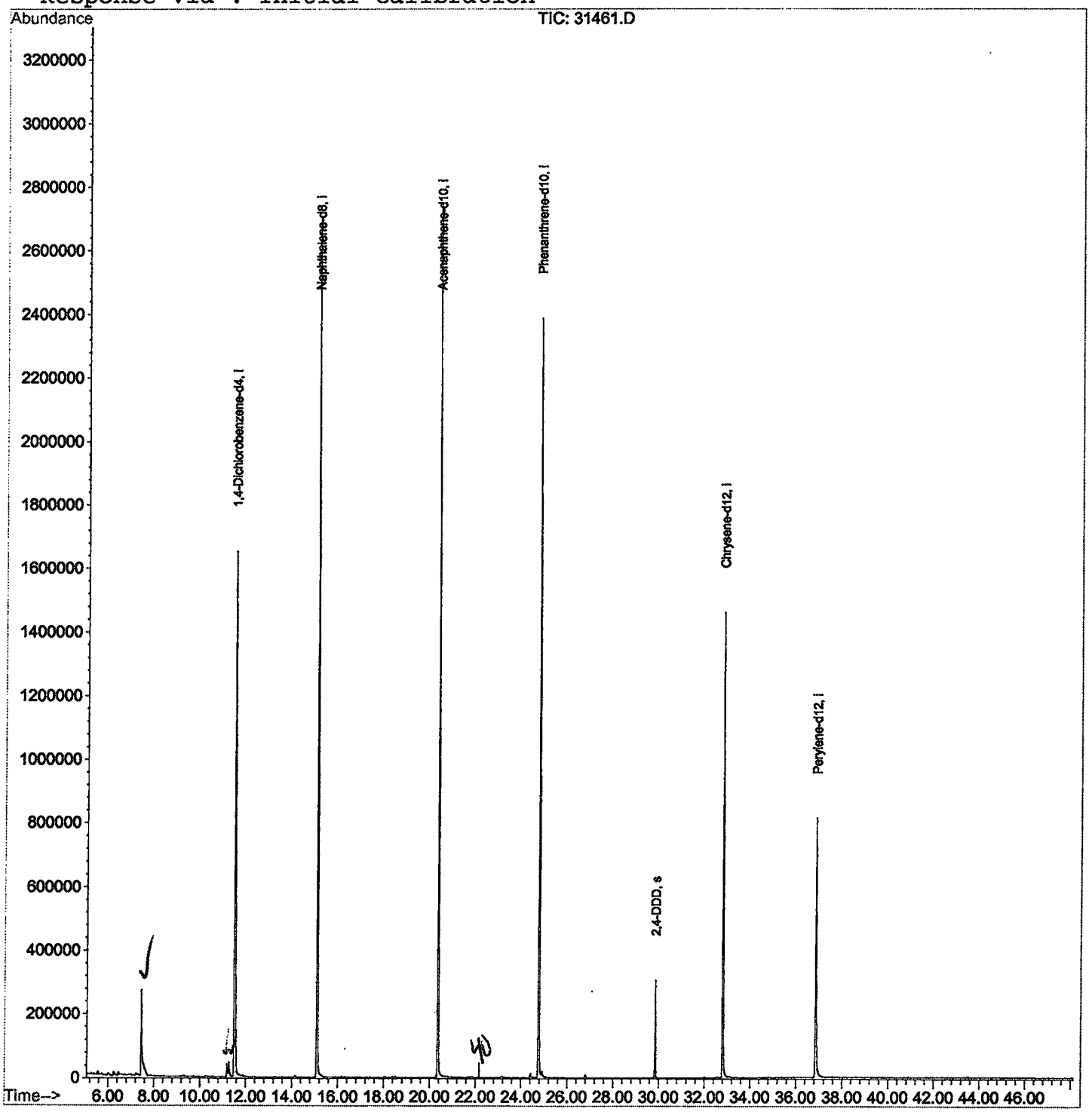
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.78	178	697	N.D.	
34)	Anthracene	24.78	178	697	N.D.	
35)	Di-n-butylphthalate	26.80	149	12148	N.D.	
36)	Fluoranthene	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	32.81	228	2128	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	2711	N.D.	
43)	Chrysene	32.81	228	2128	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	36.87	252	2476	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\31461.D Vial: 29
Acq On : 17 Jan 2002 4:00 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:25 2002 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\31461.D Vial: 29
Acq On : 17 Jan 2002 4:00 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 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

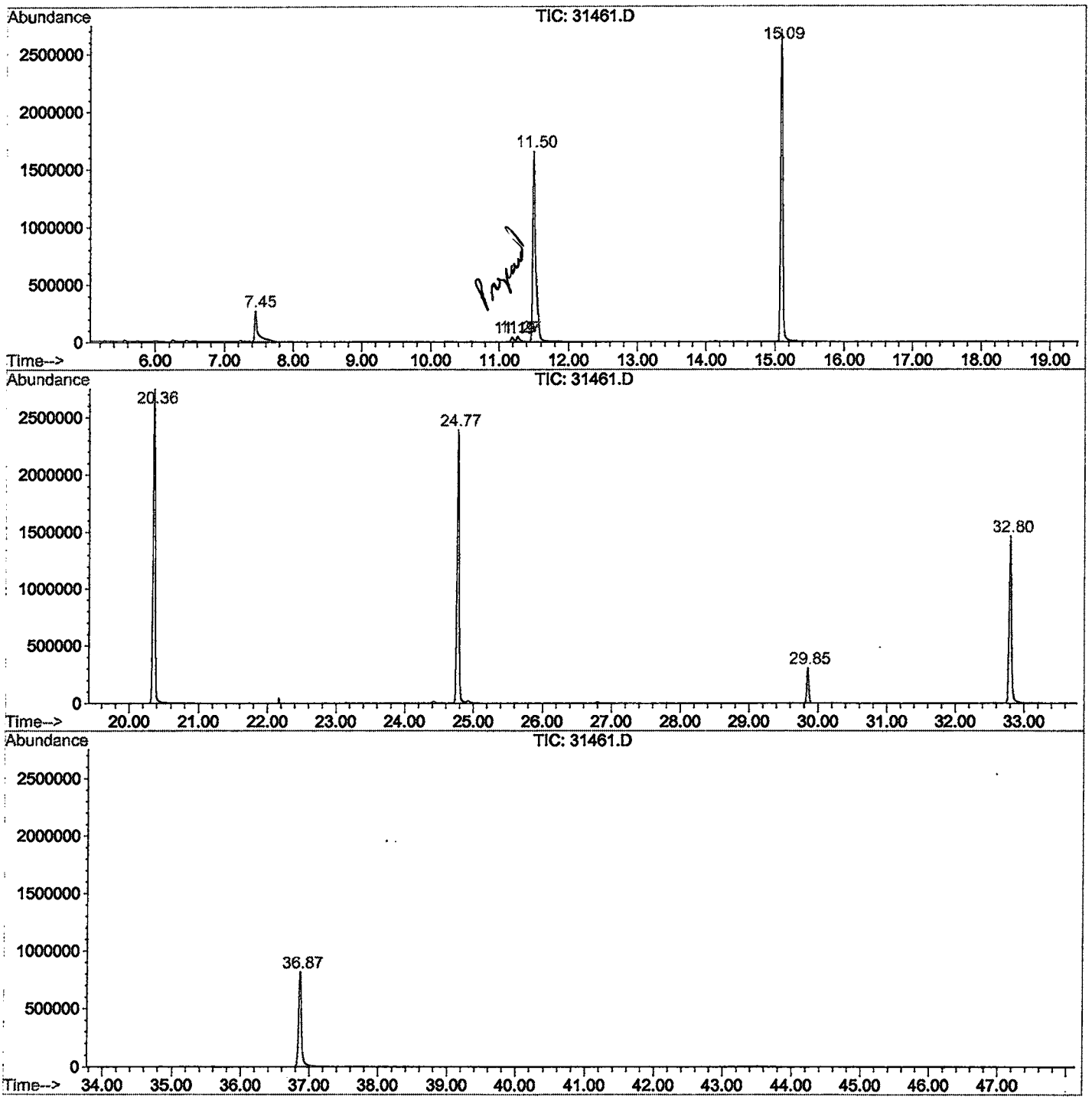
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.453	258	262	292	rVB	267358	914163	15.86%	3.180%
2	11.189	665	669	674	rBV	40318	96982	1.68%	0.337%
3	11.272	674	678	687	rVB	43107	121123	2.10%	0.421%
4	11.501	698	703	721	rBV	1649939	4652344	80.71%	16.183%
5	15.091	1089	1094	1113	rBV	2700370	5676579	98.48%	19.746%
6	20.360	1662	1668	1680	rBV	2747321	5764147	100.00%	20.051%
7	24.767	2142	2148	2161	rBV2	2386691	5240603	90.92%	18.229%
8	29.853	2696	2702	2708	rBV	304379	602616	10.45%	2.096%
9	32.800	3017	3023	3046	rBV2	1460403	3364799	58.37%	11.704%
10	36.866	3459	3466	3482	rBV2	810833	2314691	40.16%	8.052%

Sum of corrected areas: 28748047

31461.D GCMS0103.M Thu Feb 07 12:38:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31461.D
Operator : 209 GALOS
Acquired : 17 Jan 2002 4:00 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/28
Misc Info :
Vial Number: 29
Quant File :GCMS0103.RES (RTE Integrator)



31461.D GCMS0103.M Thu Feb 07 12:38:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31461.D
Acq On : 17 Jan 2002 4:00 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

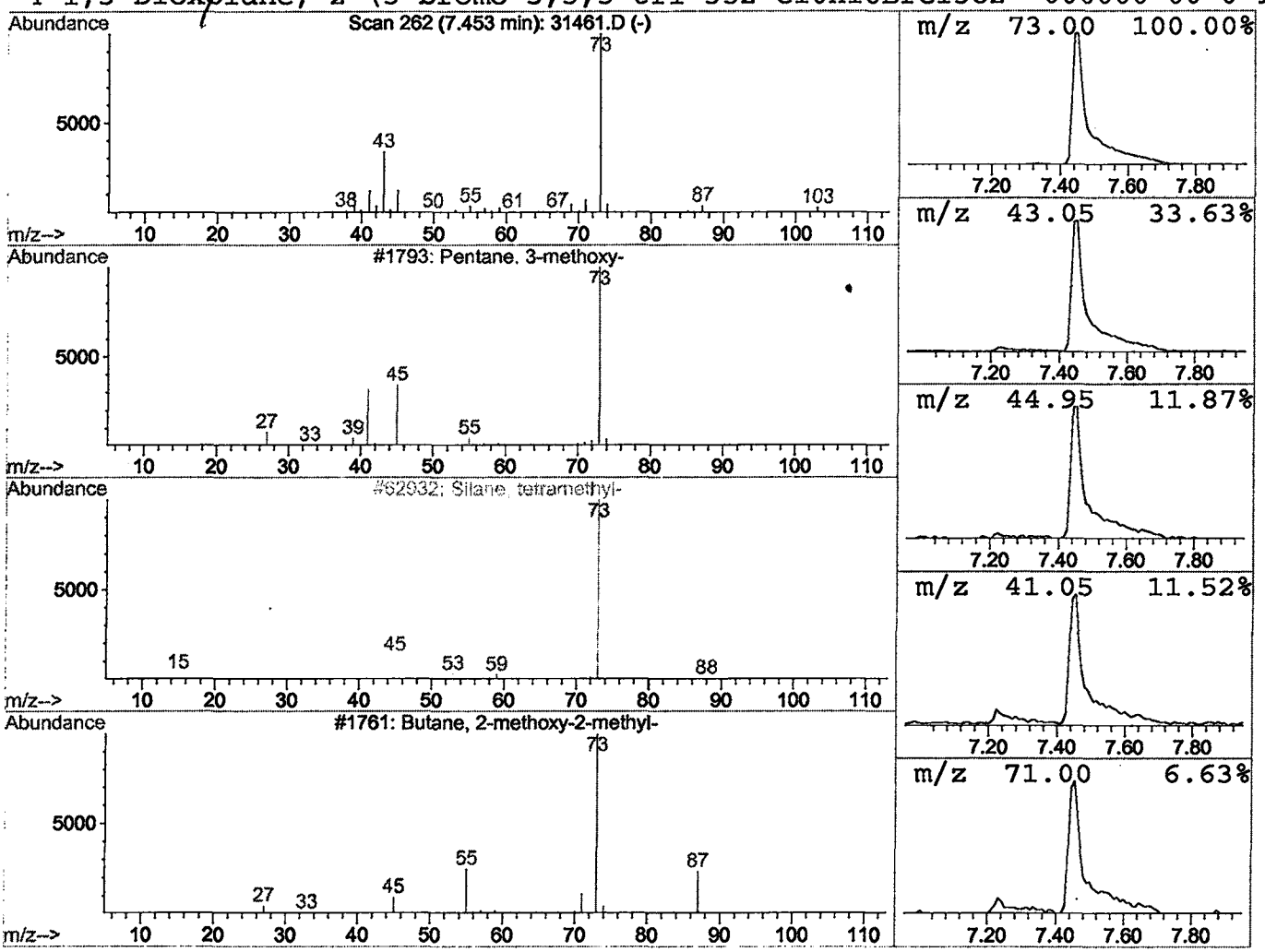
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.93 ug/l	914163	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31461.D
Acq On : 17 Jan 2002 4:00 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

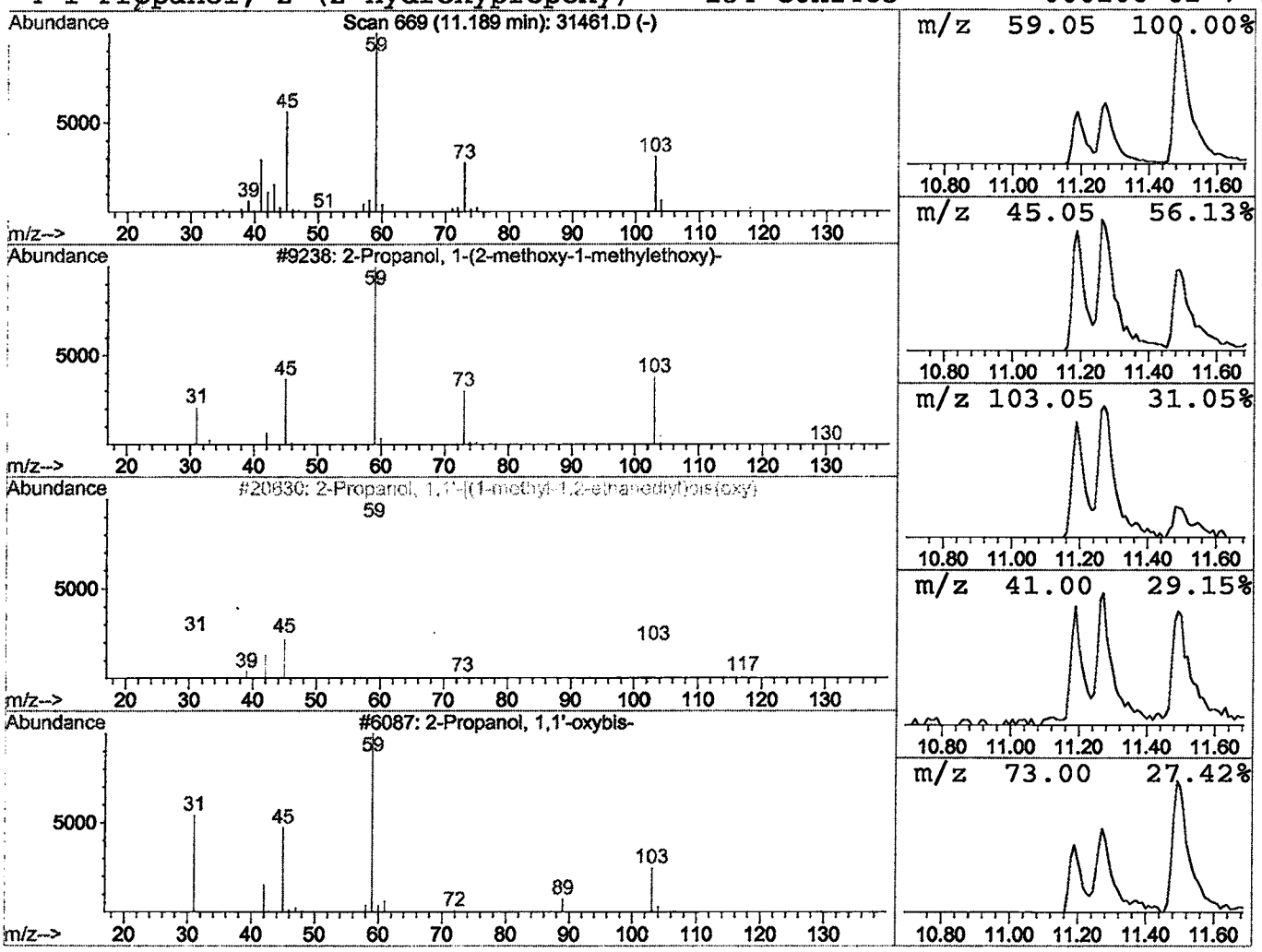
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	0.42 ug/l	96982	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31461.D
Acq On : 17 Jan 2002 4:00 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

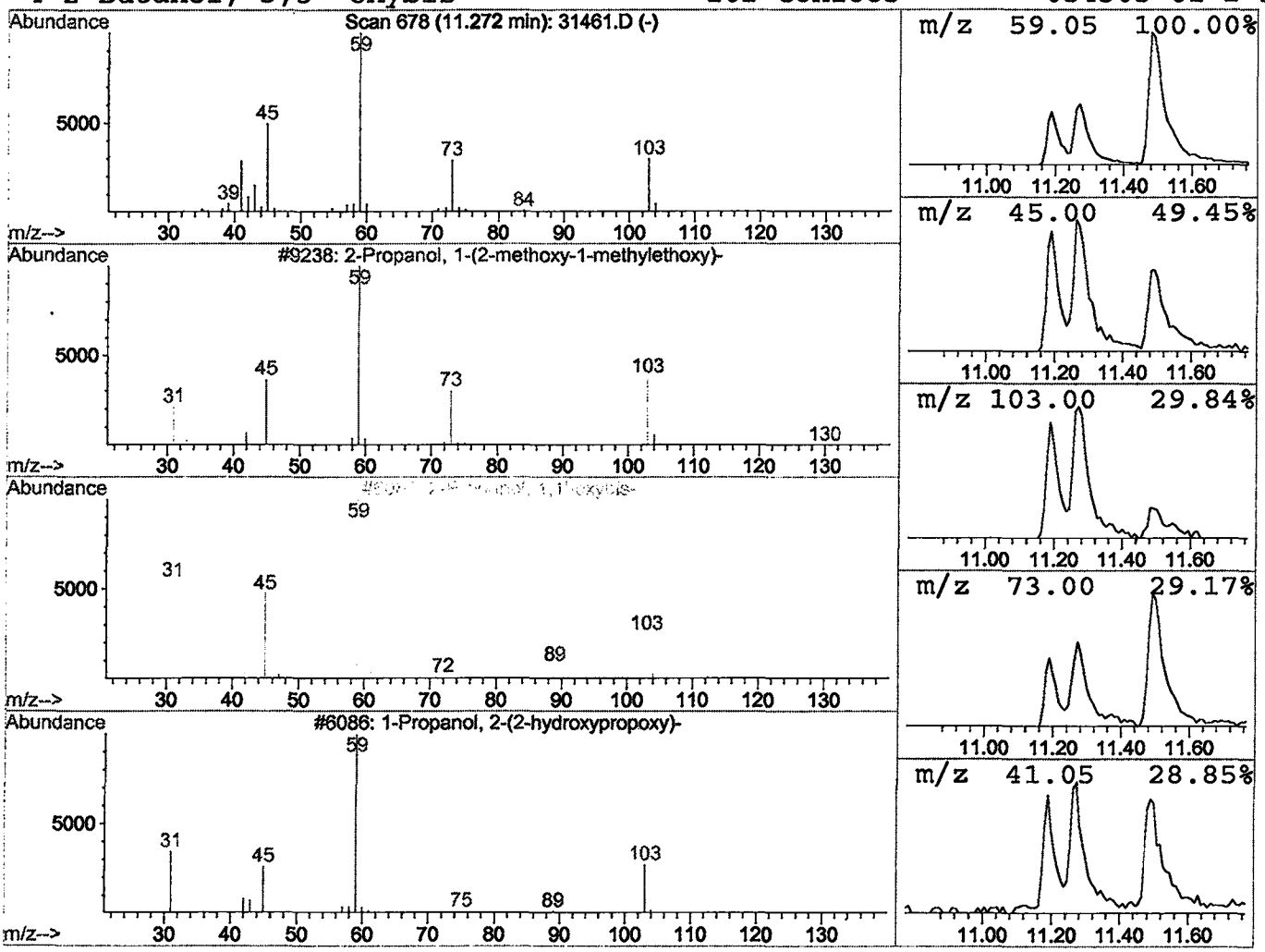
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	0.52 ug/l	121123	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	36



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 4:00 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31461.D
Name: gc/ms scan 12/28
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
Pentane, 3-methoxy-	7.45	3.9	ug/l	914163	ISTD01	11.50	4652340	20.0
2-Propanol, 1-(2-met	11.19	0.4	ug/l	96982	ISTD01	11.50	4652340	20.0
2-Propanol, 1-(2-met	11.27	0.5	ug/l	121123	ISTD01	11.50	4652340	20.0

31461.D GCMS0103.M Thu Feb 07 12:38:47 2002