User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:37:45

Sample: AD31465
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:37 Ended: 2/11/02 17:37 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AD31465 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:37:52

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\31465.D Vial: 28
Acq On : 17 Jan 2002 3:01 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 12:23 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	883470	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3452572	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.36	164	1740545	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2441893	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1627782	20.00	ug/l	-0.03
44) Perylene-d12	36.87	264	1082673	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	29.86	235	133817	4.77	ug/mL	-0.21
Spiked Amount 5.000			Recovery = 95.40%			
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	1468	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	20.73	165	189	N.D.		
25) Diethylphthalate	21.88	149	973	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)

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Acq On : 17 Jan 2002 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 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 : 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	200	N.D.	
34)	Anthracene	24.84	178	200	N.D.	
35)	Di-n-butylphthalate	26.80	149	9947	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	32.80	228	4238	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	5237	N.D.	
43)	Chrysene	32.80	228	4238	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	4397	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.	

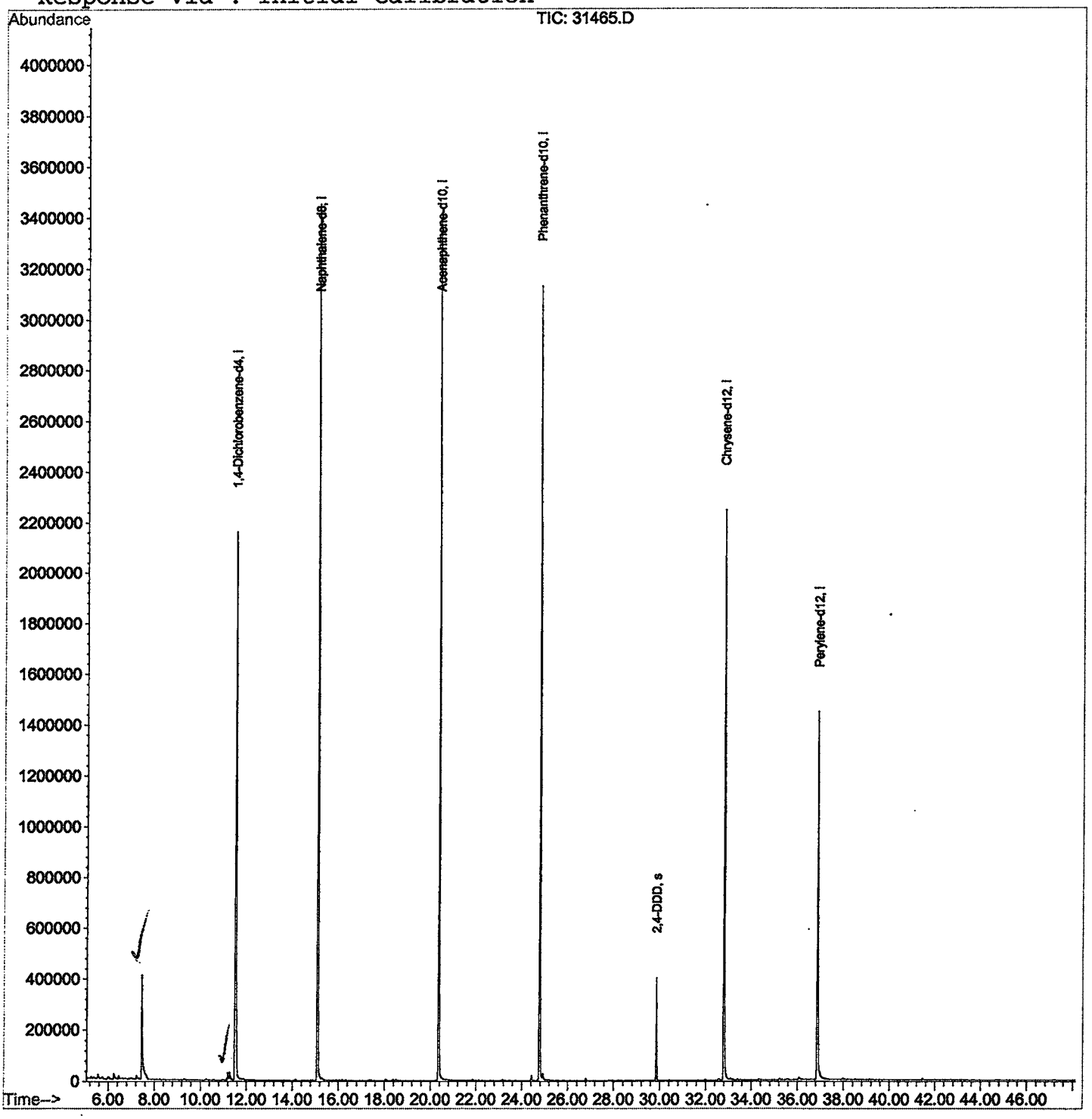
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31465.D
Acq On : 17 Jan 2002 3:01 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:23 2002

Vial: 28
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\31465.D Vial: 28
Acq On : 17 Jan 2002 3:01 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

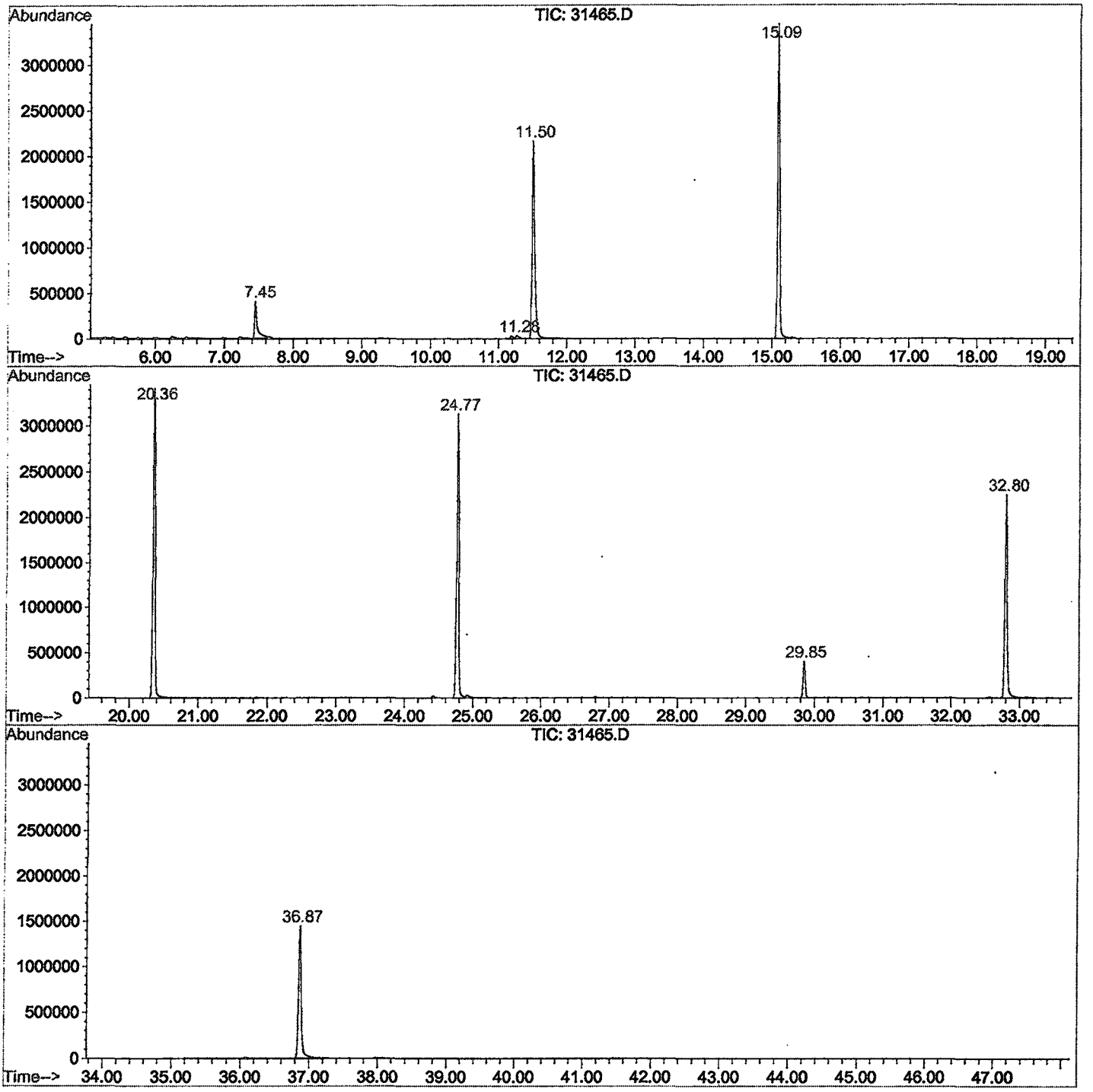
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.448	258	262	281	rBV	407328	1134203	15.56%	2.962%
2	11.276	675	679	687	rVB	28530	77095	1.06%	0.201%
3	11.496	698	703	727	rBV	2159181	5728222	78.60%	14.959%
4	15.095	1089	1095	1113	rBV	3451926	7075374	97.09%	18.478%
5	20.355	1662	1668	1682	rBV	3414332	7287486	100.00%	19.031%
6	24.771	2143	2149	2162	rBV2	3129503	6863011	94.18%	17.923%
7	29.848	2697	2702	2709	rBV	401497	827358	11.35%	2.161%
8	32.804	3017	3024	3044	rBV2	2244049	5244566	71.97%	13.696%
9	36.870	3460	3467	3493	rBV	1441985	4054398	55.64%	10.588%

Sum of corrected areas: 38291713

31465.D GCMS0103.M Thu Feb 07 12:41:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31465.D
Operator : 209 GALOS
Acquired : 17 Jan 2002 3:01 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/28
Misc Info :
Vial Number: 28
Quant File :GCMS0103.RES (RTE Integrator)



31465.D GCMS0103.M Thu Feb 07 12:41:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31465.D Vial: 28
Acq On : 17 Jan 2002 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

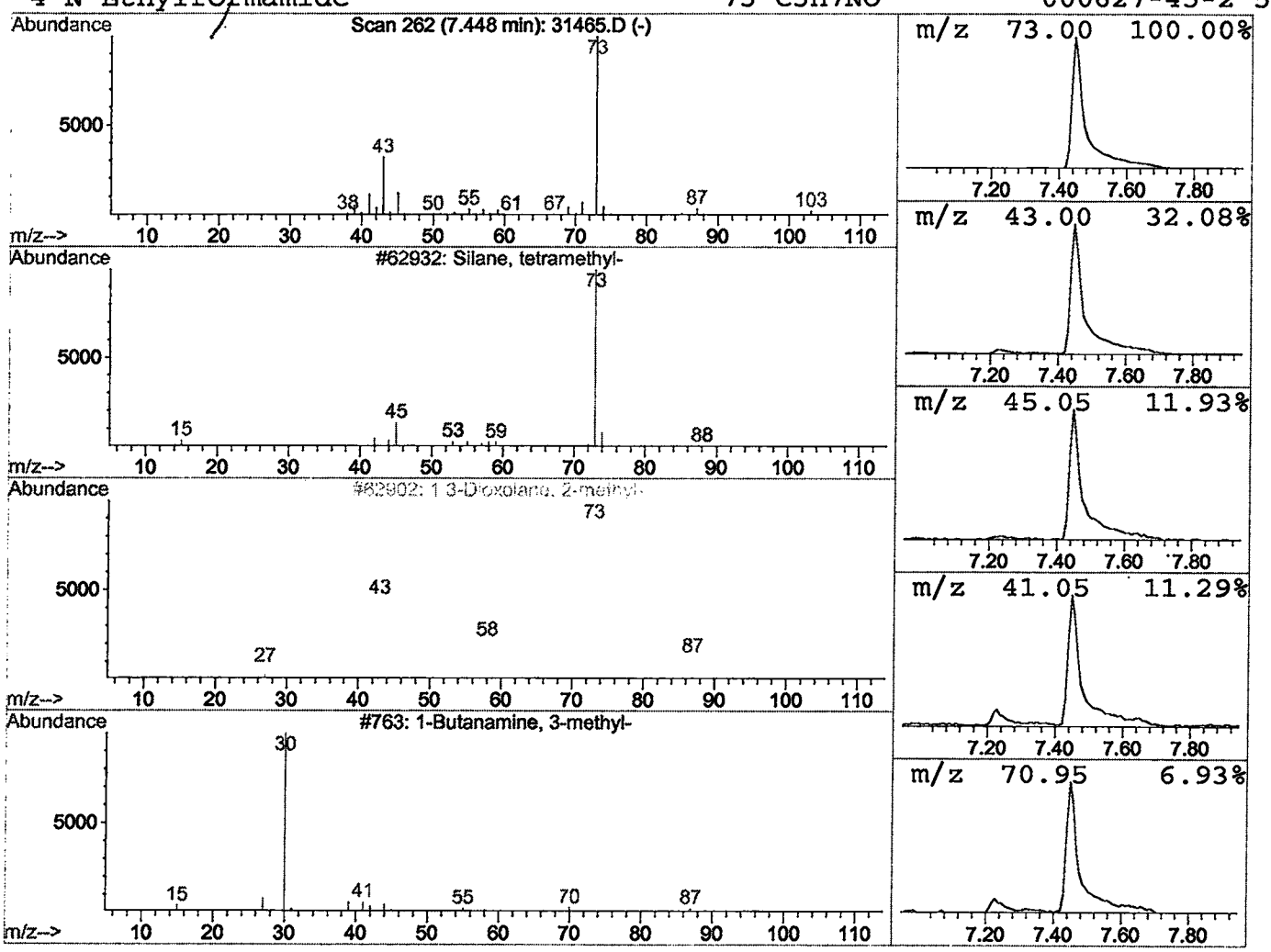
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.96 ug/l	1134200	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-methyl-	88	C4H8O2	000497-26-7	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31465.D
Acq On : 17 Jan 2002 3:01 pm
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

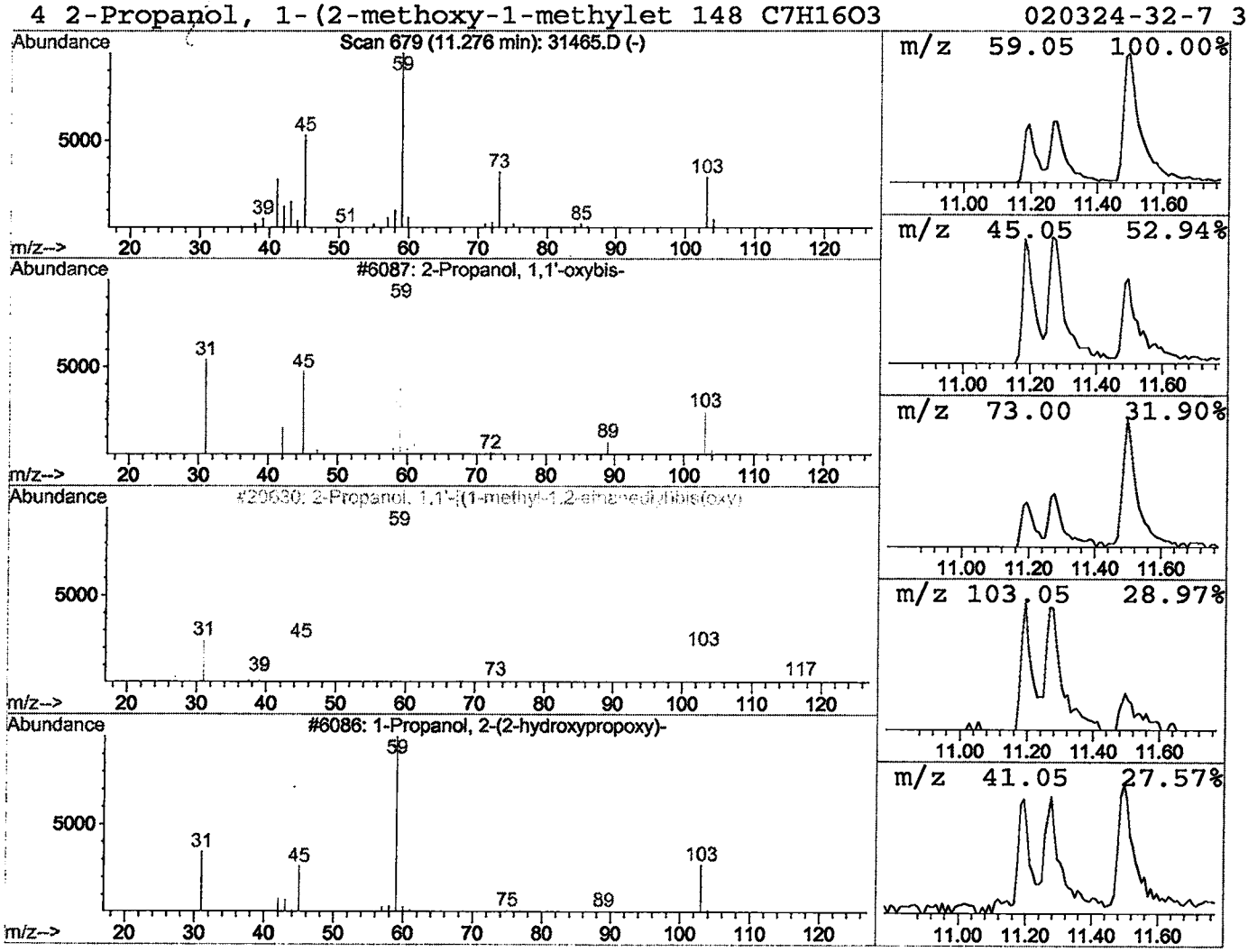
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1,1'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	0.27 ug/l	77095	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	64
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	45
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
4	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 3:01 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31465.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
Silane, tetramethyl-	7.45	4.0	ug/l	1134200	ISTD01	11.50	5728220	20.0
2-Propanol, 1,1'-oxy	11.28	0.3	ug/l	77095	ISTD01	11.50	5728220	20.0

31465.D GCMS0103.M Thu Feb 07 12:41:30 2002