User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 14:57:14

Sample: AD30108
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 14:56 Ended: 1/9/02 14:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AD30108 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 14:57:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\30108.D Vial: 19
Acq On : 20 Dec 2001 7:02 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 20 19:51 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	837549	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3246021	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1629060	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2400623	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1520099	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	966393	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	131655	3.79	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 75.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.27	74	104	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	13.50	82	209	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	15.34	128	1379	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.08	165	288	N.D.		
25) Diethylphthalate	22.12	149	696	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\DEC1901\30108.D Vial: 19
Acq On : 20 Dec 2001 7:02 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 20 19:51 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	25.04	178	492	N.D.	
34)	Anthracene	25.04	178	492	N.D.	
35)	Di-n-butylphthalate	27.00	149	34238	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	33.01	228	3912	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	4751	N.D.	
43)	Chrysene	33.10	228	368	N.D.	
45)	Di-n-Octylphthalate	35.03	149	204	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	36.14	252	103	N.D.	
48)	Benzo(a)pyrene	37.11	252	3941	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

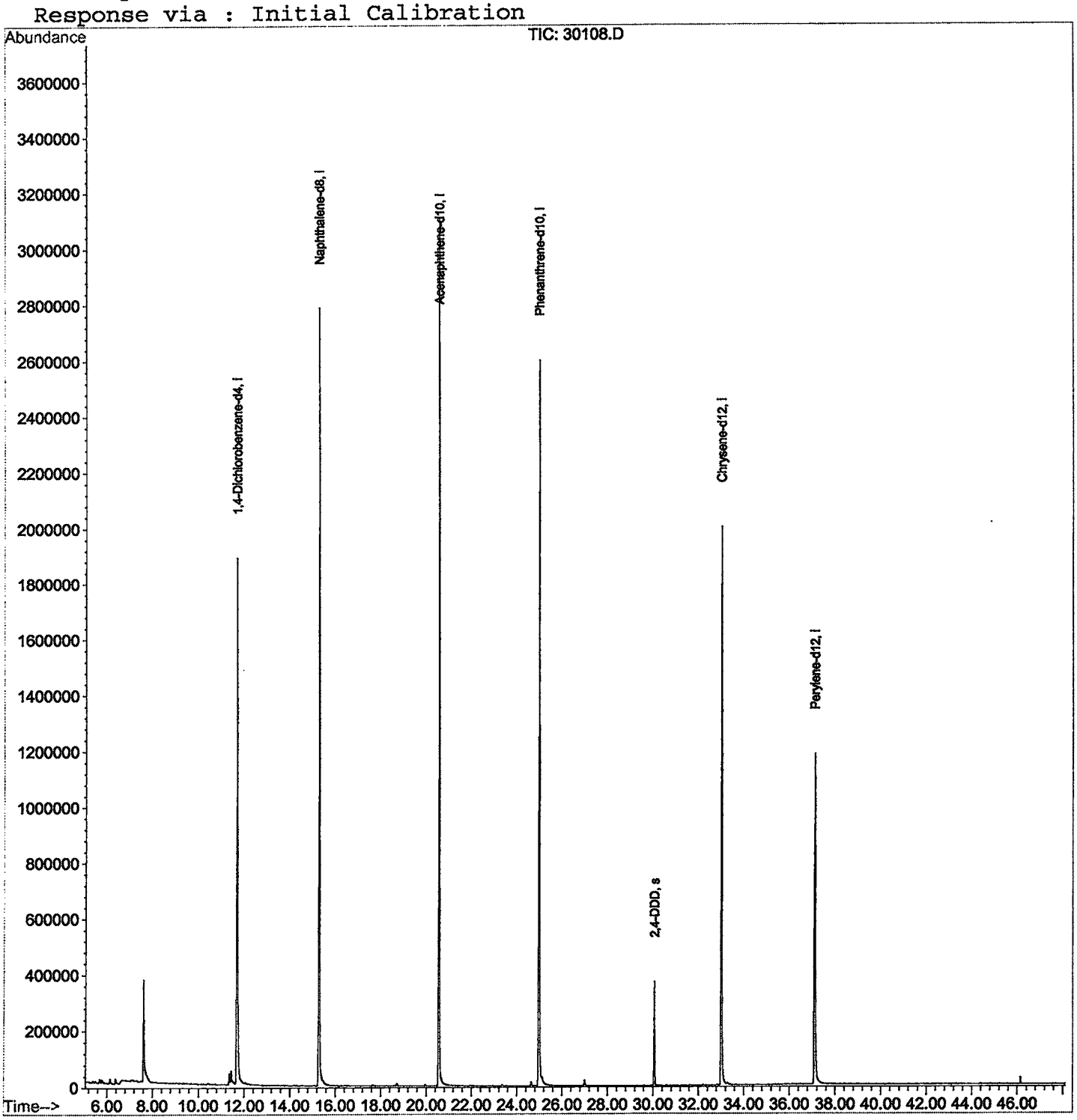
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30108.D
Acq On : 20 Dec 2001 7:02 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 20 19:51 2001

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30108.D Vial: 19
Acq On : 20 Dec 2001 7:02 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

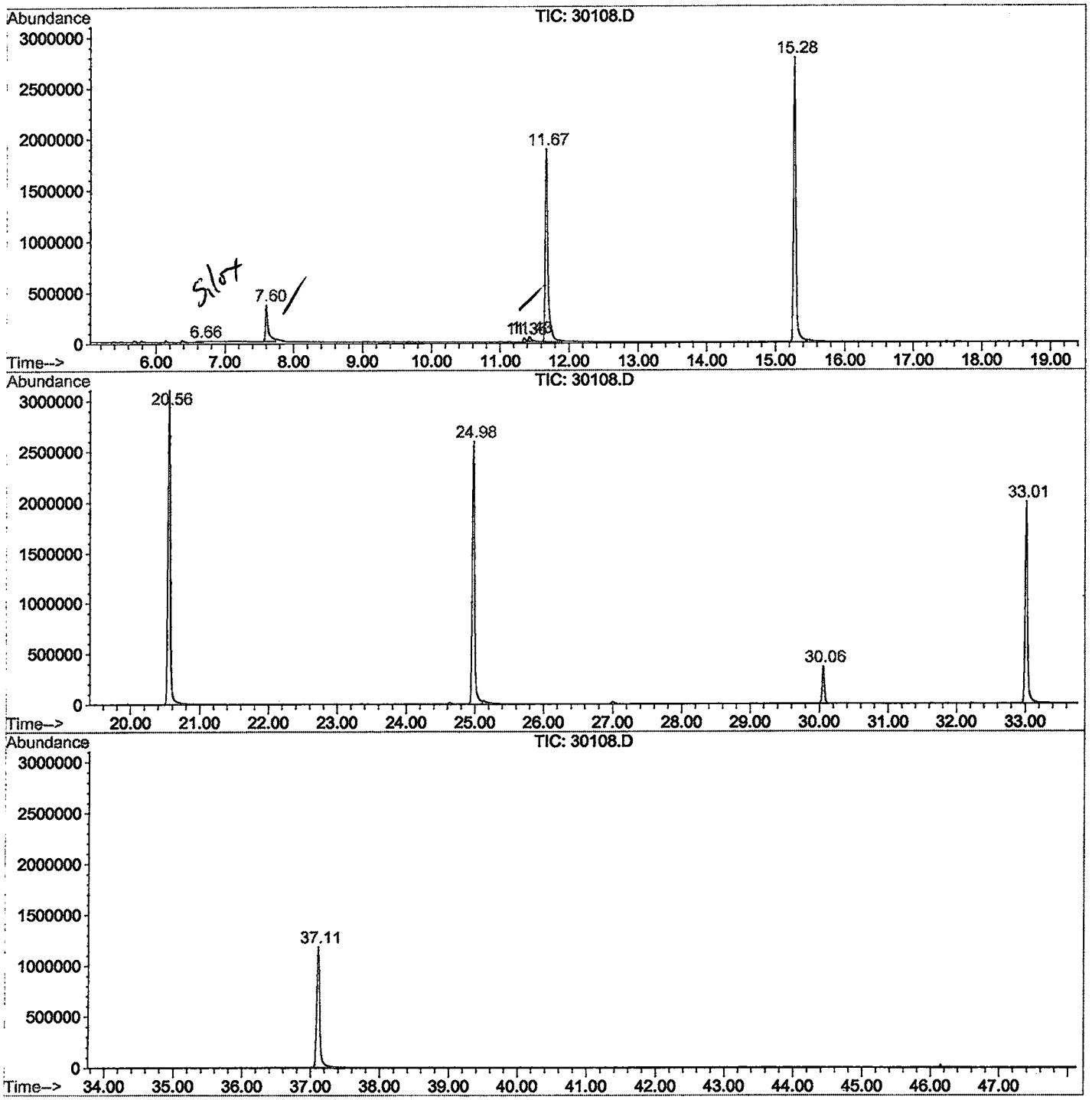
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.656	164	176	179	rBV3	12825	71746	1.05%	0.205%
2	7.602	275	279	294	rBV	359592	1008625	14.74%	2.879%
3	11.356	684	688	692	rBV	39625	96162	1.41%	0.274%
4	11.430	692	696	703	rVV	41638	115119	1.68%	0.329%
5	11.669	717	722	747	rBV	1882325	5095617	74.49%	14.546%
6	15.276	1109	1115	1134	rBV	2783251	6322680	92.42%	18.048%
7	20.555	1683	1690	1709	rBV	3107263	6841112	100.00%	19.528%
8	24.980	2165	2172	2186	rBV2	2597802	6337793	92.64%	18.091%
9	30.057	2719	2725	2733	rBV	368025	763170	11.16%	2.178%
10	33.013	3040	3047	3071	rBV2	1998253	4848858	70.88%	13.841%
11	37.107	3485	3493	3514	rBV	1176901	3531142	51.62%	10.080%

Sum of corrected areas: 35032024

30108.D GCMS1126.M Wed Jan 02 09:59:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30108.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 7:02 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12 a
Misc Info :
Vial Number: 19
Quant File :GCMS1126.RES (RTE Integrator)



30108.D GCMS1126.M Wed Jan 02 09:59:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30108.D
Acq On : 20 Dec 2001 7:02 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

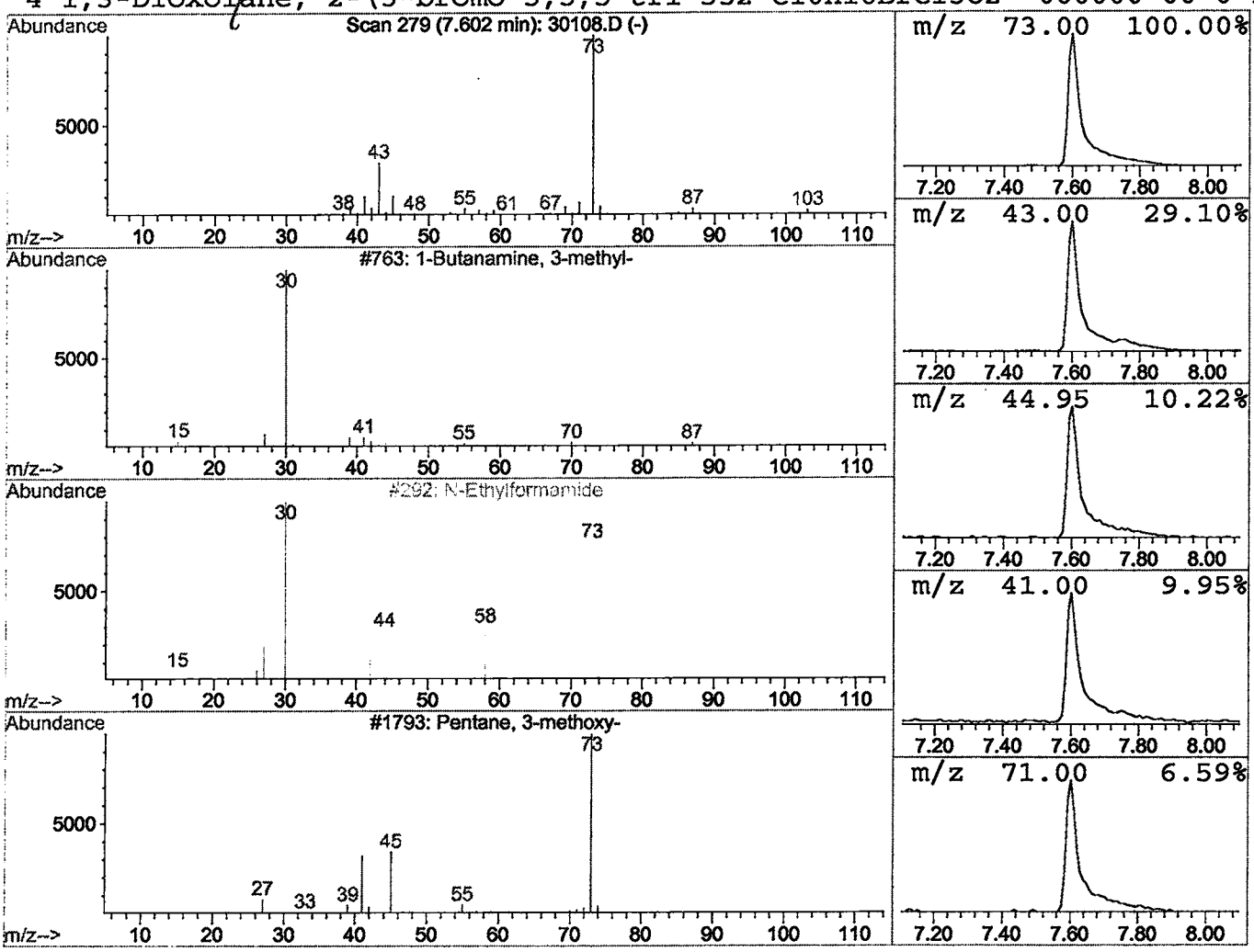
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.96 ug/l	1008630	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	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\DEC1901\30108.D
Acq On : 20 Dec 2001 7:02 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

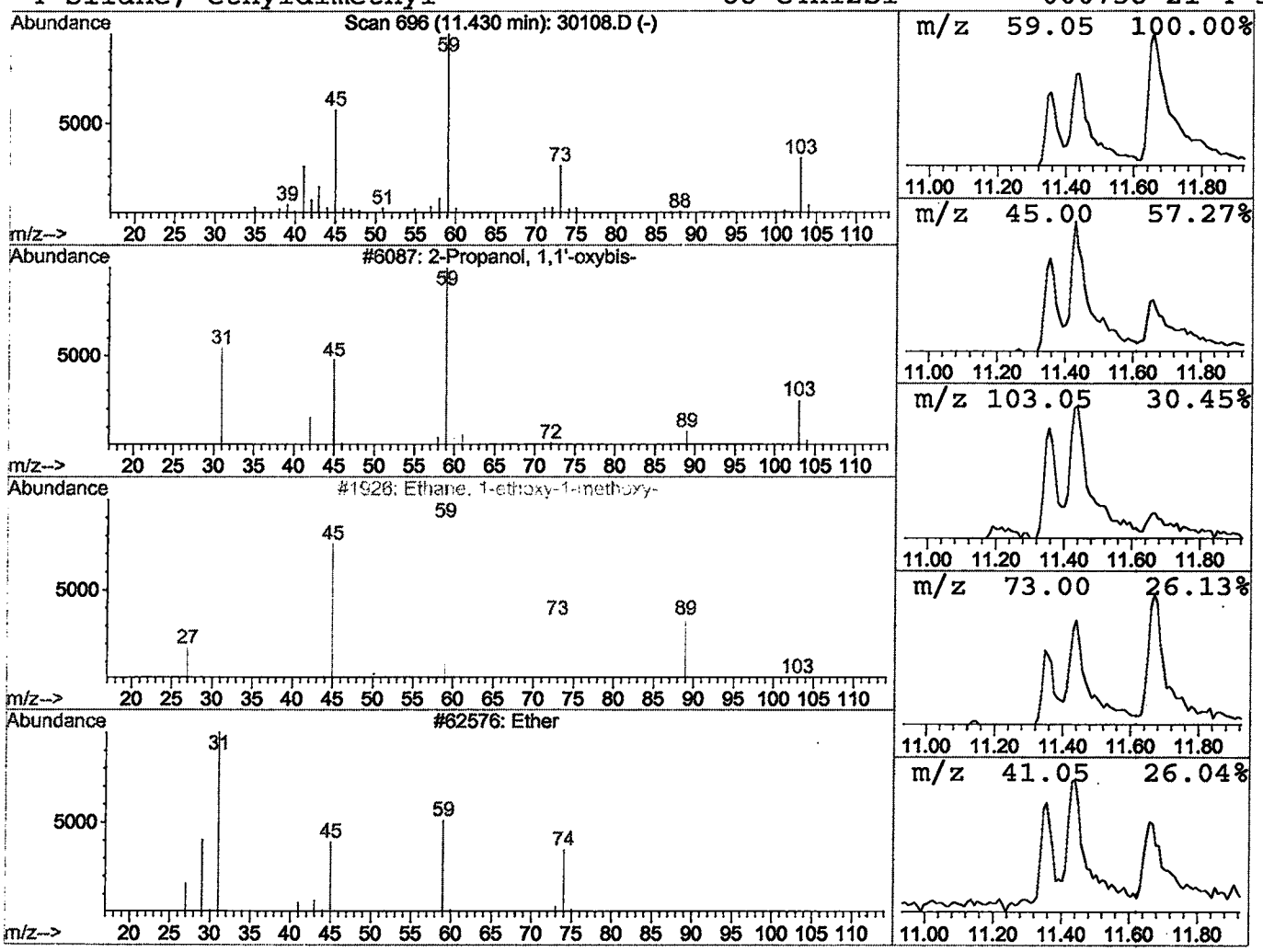
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.45 ug/l	115119	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	50
3	Ether	74	C4H10O	000060-29-7	42
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	36



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Dec 2001 7:02 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\30108.D
Name: gc/ms scan 12/12 a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
1-Butanamine, 3-meth	7.60	4.0	ug/l	1008630	ISTD01	11.67	5095620	20.0
2-Propanol, 1,1'-oxy	11.43	0.5	ug/l	115119	ISTD01	11.67	5095620	20.0

30108.D GCMS1126.M Wed Jan 02 10:00:30 2002