Comments for Sample AD29231 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 15:42:10

The GCMS scan, from 35 to 550 amu does not reveal the presence of any unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.42 ug/L. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range. The recovery for the Surrogate Standard in this sample was below 70%. This sample will be re-extracted and re-analyzed.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 15:36:09

Sample: AD29231
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 15:31 Ended: 12/18/01 15:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29231.D Vial: 24
Acq On : 11 Dec 2001 11:06 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:32 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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	876606	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3374588	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1687625	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2409888	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1437845	20.00	ug/l	-0.02
44) Perylene-d12	37.09	264	975448	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	93316	3.25	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 65.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.45	74	2430	N.D.		
3) bis(2-Chloroethyl)ether	11.12	93	3222	N.D.		
4) 1,3-Dichlorobenzene	11.58	146	1656	N.D.		
5) 1,4-Dichlorobenzene	11.71	146	1957	N.D.		
6) 1,2-Dichlorobenzene	12.23	146	1639	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	13.06	117	588	N.D.		
11) Nitrobenzene	13.24	77	402	N.D.		
12) Isophorone	14.04	82	4782	N.D.		
13) bis(2-Chloroethoxy)methane	14.71	93	2571	N.D.		
14) 1,2,4-Trichlorobenzene	15.17	180	2074	N.D.		
15) Naphthalene	15.33	128	8860	N.D.		
16) Hexachlorobutadiene	15.89	225	912	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.84	162	3967	N.D.		
20) Dimethylphthalate	19.95	163	5414	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	20.09	152	5566	N.D.		
23) Acenaphthene	20.64	153	5282	N.D.		
24) 2,4-Dinitrotoluene	21.34	165	170	N.D.		
25) Diethylphthalate	22.08	149	6062	N.D.		
26) 4-Chlorophenyl-phenylether	22.20	204	2171	N.D.		
27) Fluorene	22.18	166	4800	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	22.66	77	4578	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 11 Dec 2001 11:06 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:32 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	22.62	168	1661	N.D.	
31)	4-Bromophenyl-phenylether	23.67	248	999	N.D.	
32)	Hexachlorobenzene	24.08	284	1586	N.D.	
33)	Phenanthrene	25.18	178	5875	N.D.	
34)	Anthracene	25.18	178	5875	N.D.	
35)	Di-n-butylphthalate	26.99	149	23969	N.D.	
36)	Fluoranthene	28.67	202	5660	N.D.	
39)	Pyrene	29.34	202	6124	N.D.	
40)	Butylbenzylphthalate	31.49	149	1996	N.D.	
41)	Benzo(a)anthracene	32.95	228	10785	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	36751	0.42 ug/l #	99
43)	Chrysene	33.08	228	8713	N.D.	
45)	Di-n-Octylphthalate	35.04	149	4694	N.D.	
46)	Benzo(b)fluoranthene	36.05	252	4804	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	5632	N.D.	
48)	Benzo(a)pyrene	36.93	252	2979	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.82	276	1133	N.D.	
50)	Dibenz(a,h)anthracene	40.89	278	287	N.D.	
51)	Benzo(g,h,i)perylene	41.91	276	1736	N.D.	

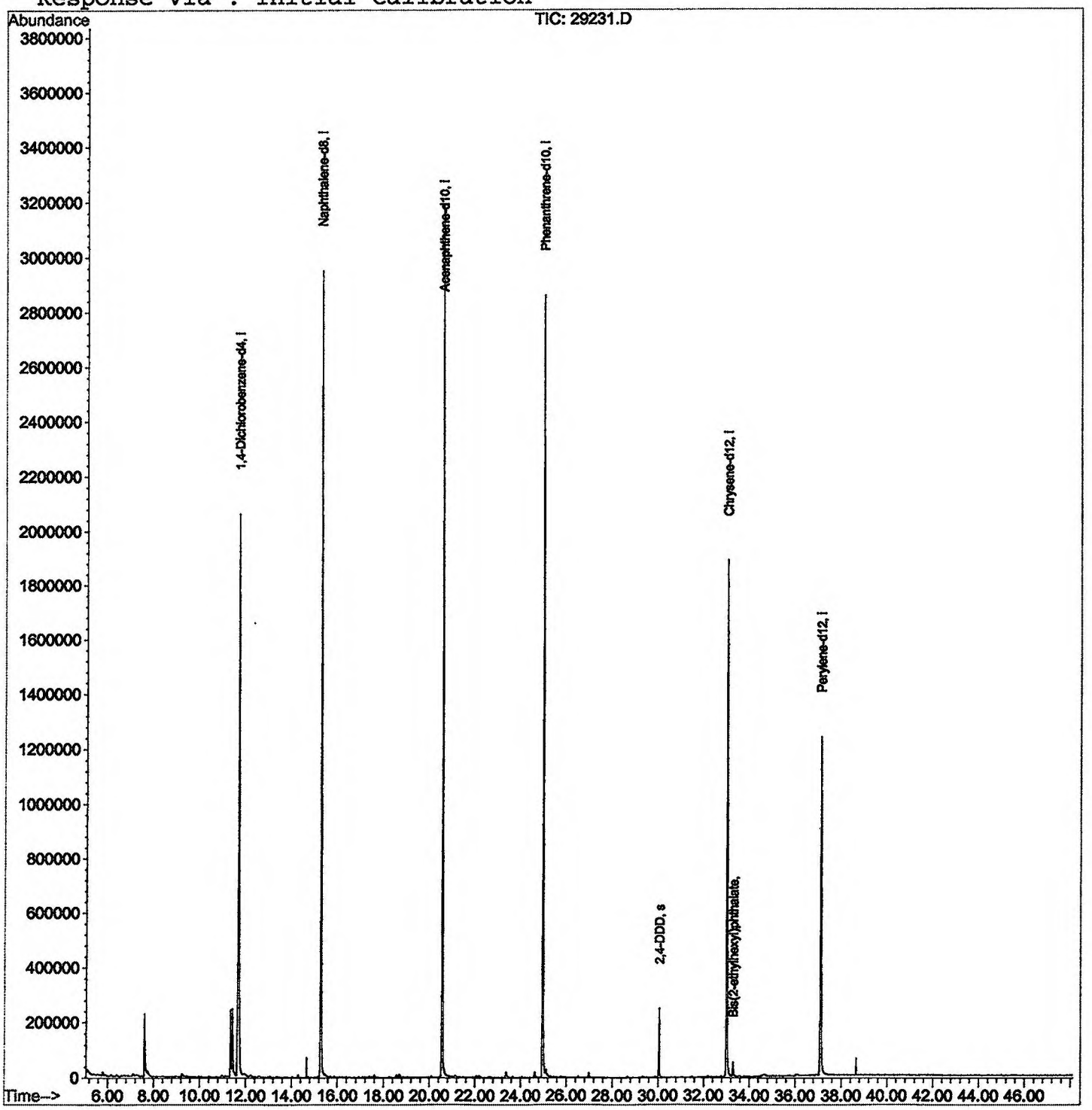
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29231.D
Acq On : 11 Dec 2001 11:06 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:32 2001

Vial: 24
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 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29231.D Vial: 24
Acq On : 11 Dec 2001 11:06 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 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

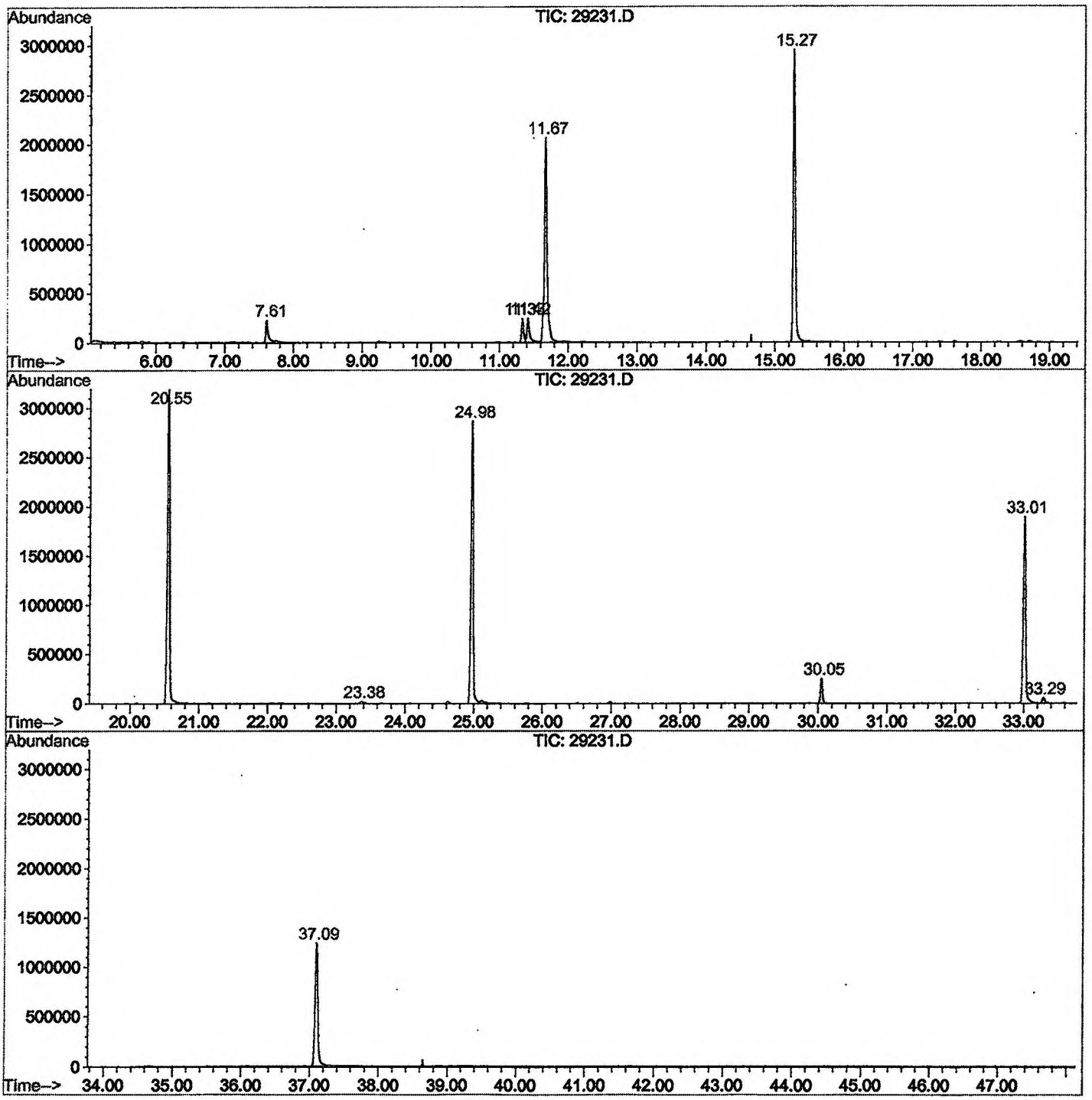
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.608	275	279	292	rBV	224912	567713	8.12%	1.574%
2	11.335	681	685	690	rBV	242993	501358	7.17%	1.390%
3	11.418	690	694	709	rVB	242978	619361	8.86%	1.717%
4	11.675	714	722	745	rVV2	2057464	5649024	80.79%	15.660%
5	15.273	1109	1114	1132	rBV	2949674	6406887	91.62%	17.761%
6	20.552	1683	1689	1713	rBV	3192655	6992546	100.00%	19.384%
7	23.380	1988	1997	2011	rBV2	20266	80170	1.15%	0.222%
8	24.977	2164	2171	2183	rBV2	2862721	6466849	92.48%	17.927%
9	30.054	2717	2724	2730	rBV	250735	521234	7.45%	1.445%
10	33.010	3036	3046	3063	rBV2	1891673	4568223	65.33%	12.664%
11	33.285	3070	3076	3085	rBV	51505	127455	1.82%	0.353%
12	37.095	3484	3491	3509	rBV2	1233571	3572905	51.10%	9.904%

Sum of corrected areas: 36073725

29231.D GCMS1126.M Fri Dec 14 16:09:50 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29231.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 11:06 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/3
Misc Info :
Vial Number: 24
Quant File :GCMS1126.RES (RTE Integrator)



29231.D GCMS1126.M Fri Dec 14 16:09:56 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29231.D
Acq On : 11 Dec 2001 11:06 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

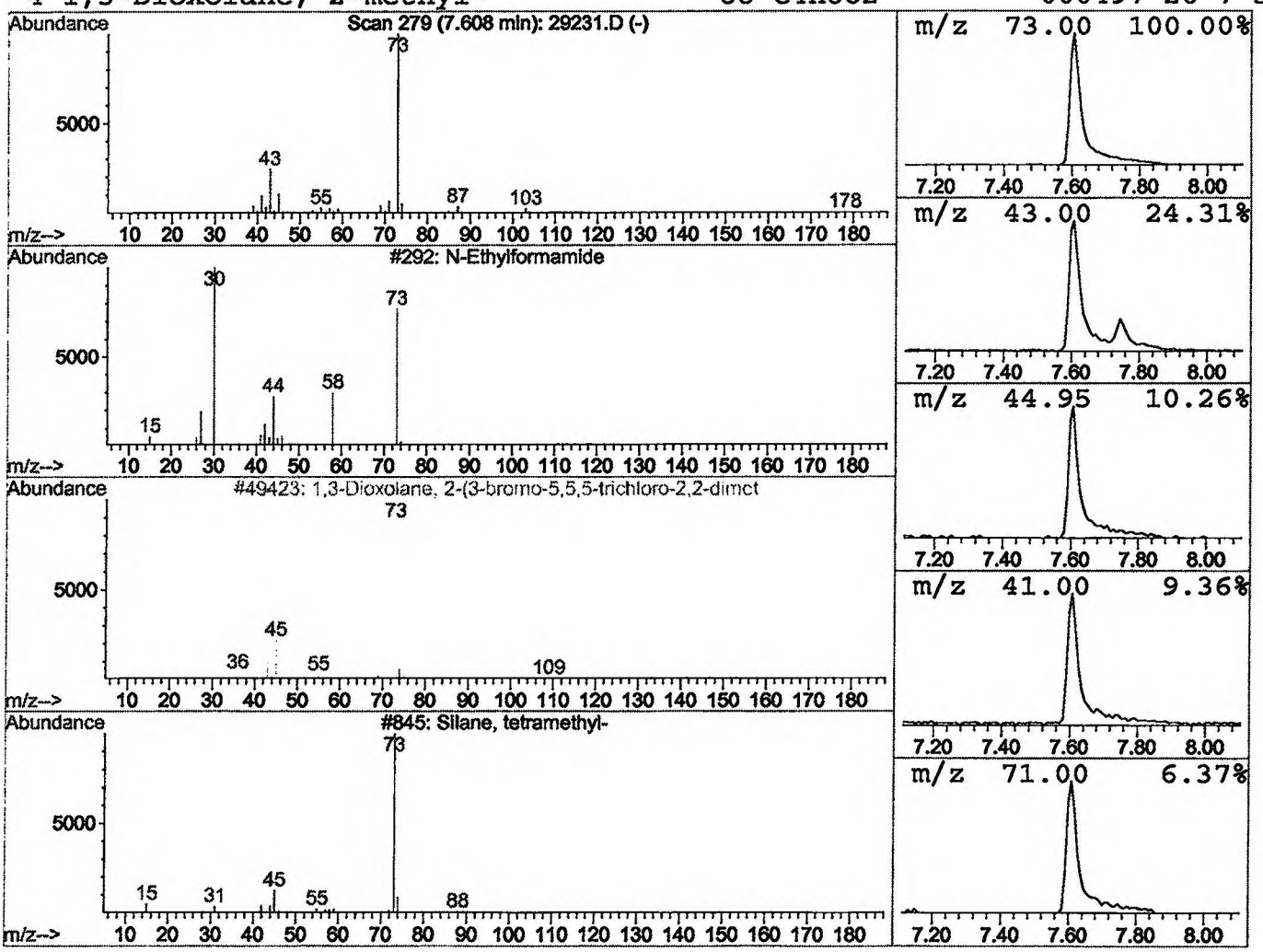
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.01 ug/l	567713	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29231.D
Acq On : 11 Dec 2001 11:06 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

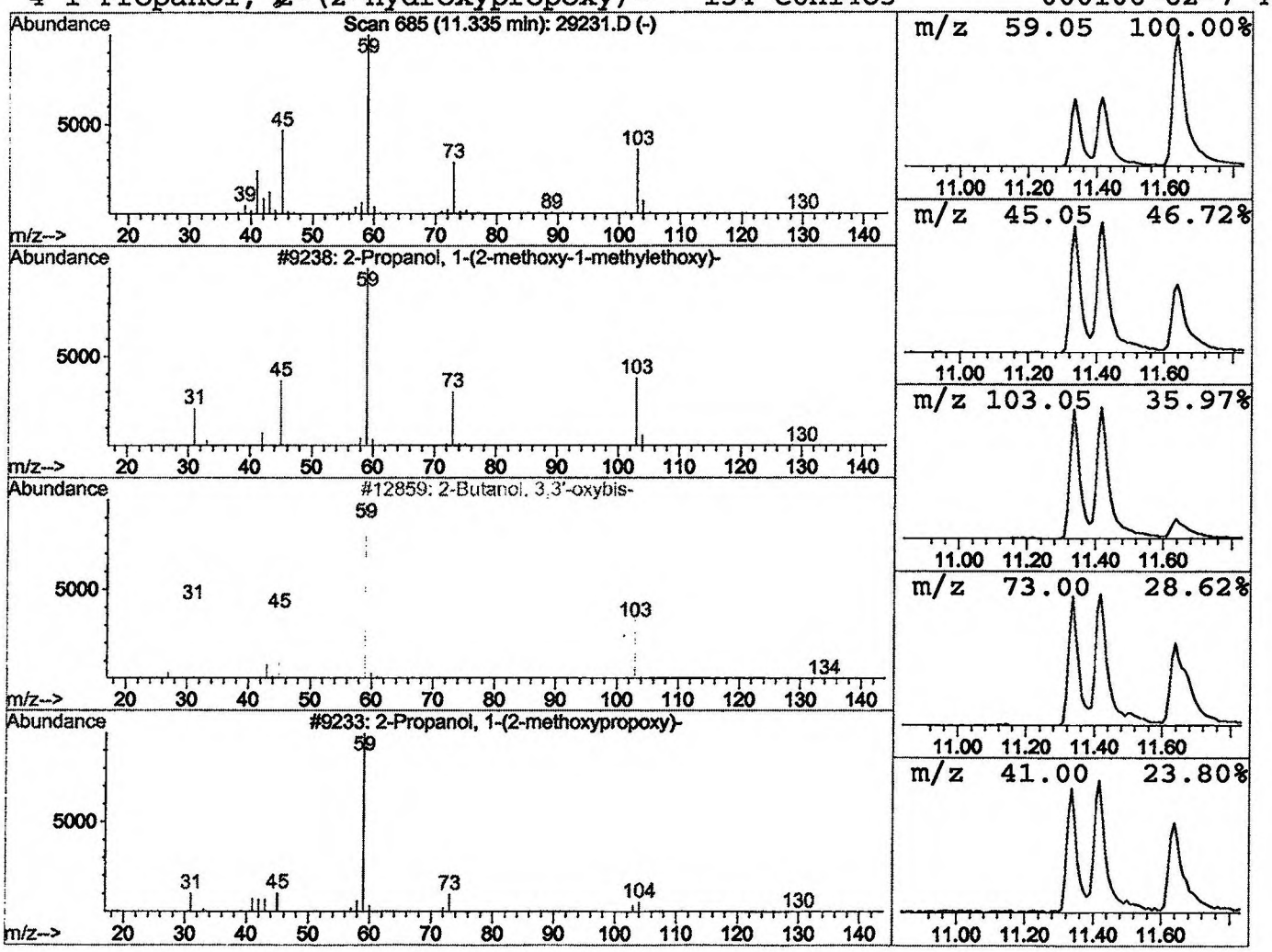
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.78 ug/l	501358	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29231.D Vial: 24
Acq On : 11 Dec 2001 11:06 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

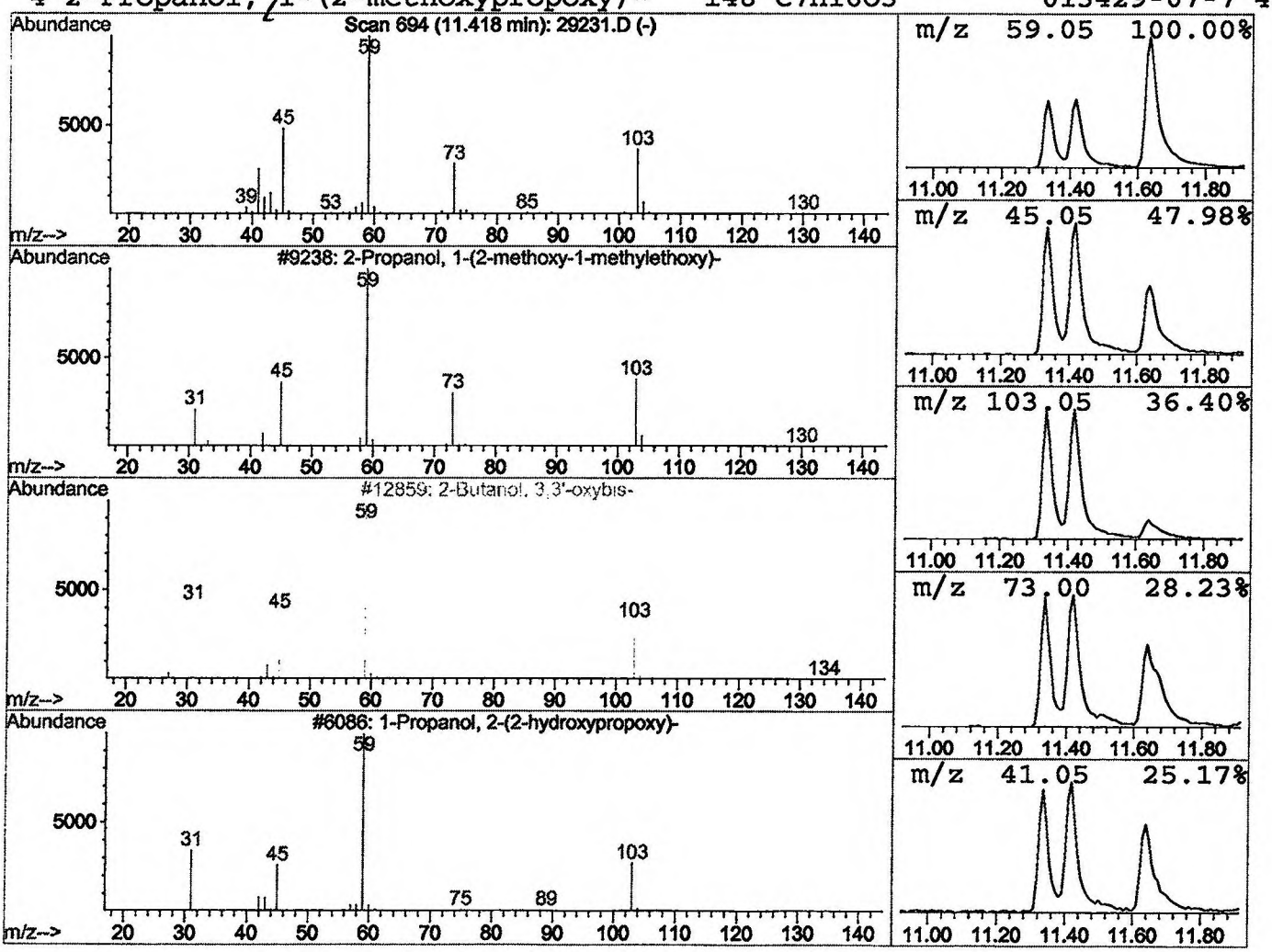
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.19 ug/l	619361	1,4-Dichlorobenzene-d4	11.67

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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 11:06 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29231.D
Name: gc/ms scan 12/3
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
N-Ethylformamide	7.61	2.0	ug/l	567713	ISTD01	11.67	5649020	20.0
2-Propanol, 1-(2-met	11.34	1.8	ug/l	501358	ISTD01	11.67	5649020	20.0
2-Propanol, 1-(2-met	11.42	2.2	ug/l	619361	ISTD01	11.67	5649020	20.0

29231.D GCMS1126.M Fri Dec 14 16:10:15 2001