User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 14:44:42

Sample: AD29925
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/7/02 14:44 Ended: 1/7/02 14:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Comments for Sample AD29925 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-07-2002 Time: 14:45:20

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.27 ug/L

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29925.D Vial: 13
Acq On : 15 Dec 2001 2:15 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 15:03 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	11.68	152	800651	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3075471	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1537916	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2231828	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1414210	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	916573	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	151072	4.68	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 93.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	274	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	13.05	77	331	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	15.34	128	1749	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	21.10	165	125	N.D.		
25) Diethylphthalate	22.09	149	891	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\DEC1401\29925.D Vial: 13
Acq On : 15 Dec 2001 2:15 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 15:03 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	25.03	178	320	N.D.	
34)	Anthracene	25.03	178	320	N.D.	
35)	Di-n-butylphthalate	27.00	149	42393	0.27 ug/l #	97
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	3284	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	10191	N.D.	
43)	Chrysene	33.01	228	3284	N.D.	
45)	Di-n-Octylphthalate	35.05	149	409	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	37.10	252	3736	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

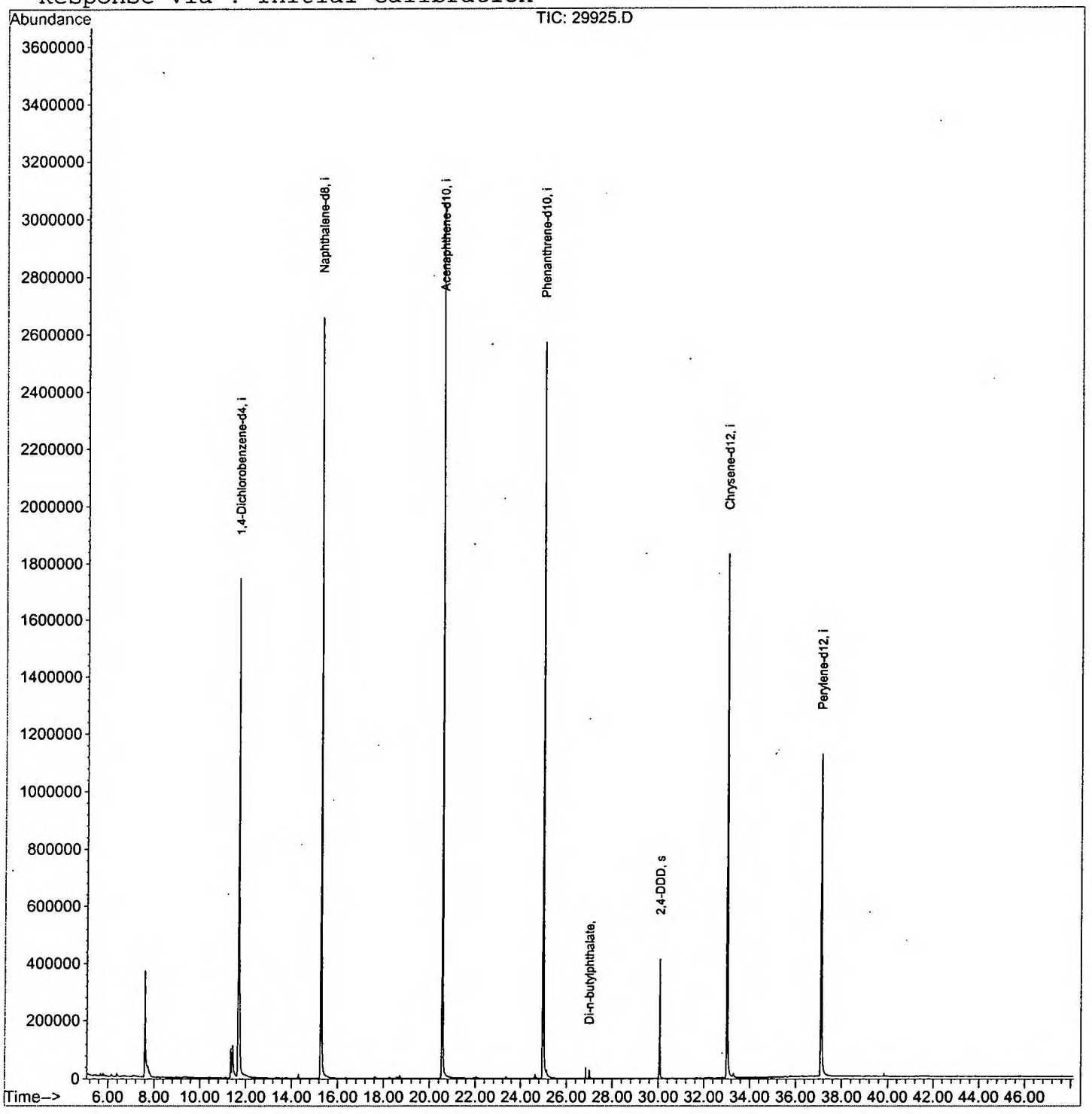
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29925.D
Acq On : 15 Dec 2001 2:15 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 15 15:03 2001

Vial: 13
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\DEC1401\29925.D Vial: 13
Acq On : 15 Dec 2001 2:15 pm Operator: 209 GALOS
Sample : gcms scan 12/10 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

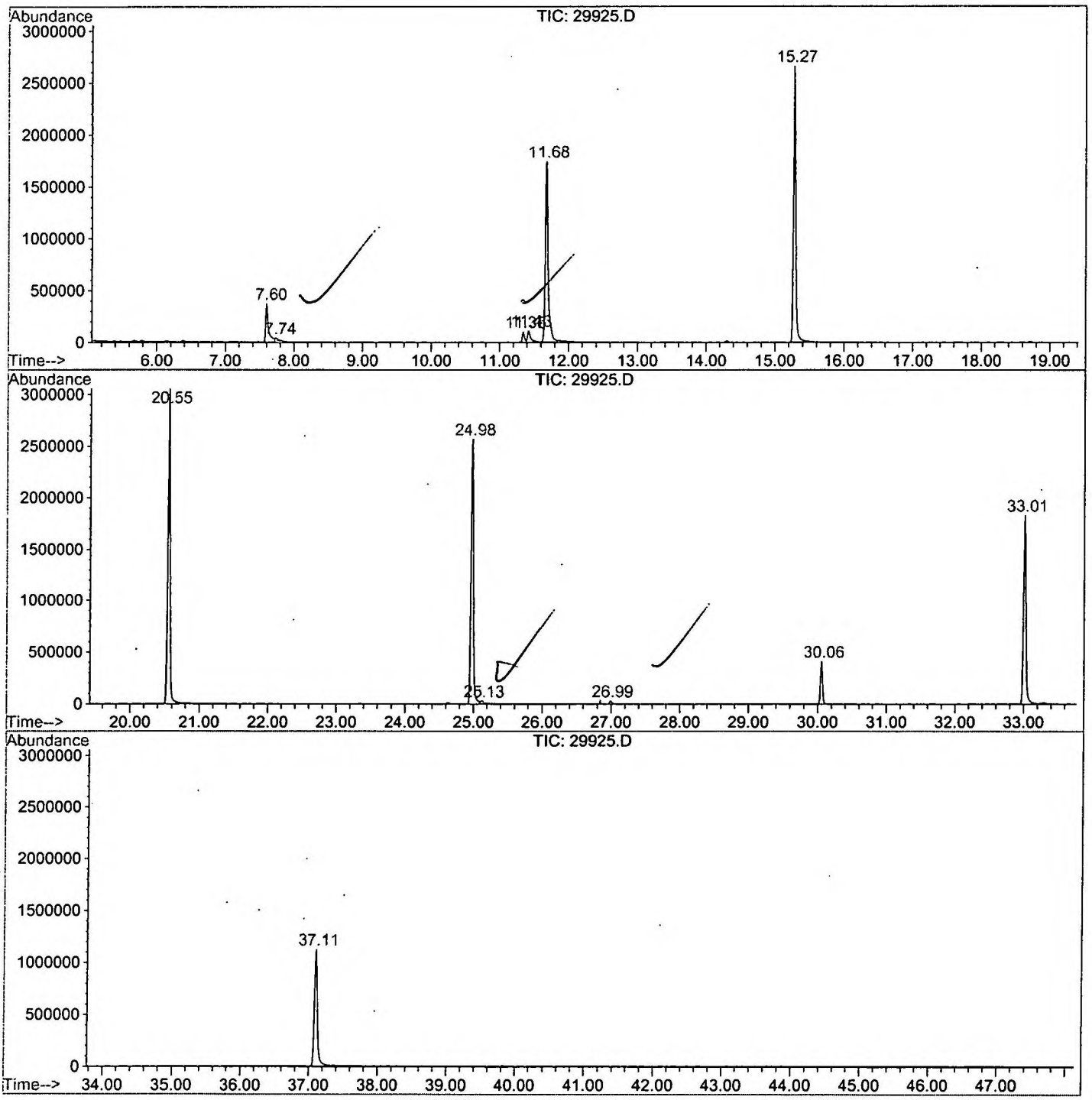
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	273	278	291	rBV	369004	1045433	16.31%	3.089%
2	7.738	291	293	301	rVB	28152	76430	1.19%	0.226%
3	11.346	682	686	691	rBV	101491	227762	3.55%	0.673%
4	11.428	691	695	714	rVB	109868	341914	5.33%	1.010%
5	11.676	714	722	740	rBV2	1738967	4936655	77.00%	14.586%
6	15.275	1109	1114	1133	rBV	2657101	5917046	92.30%	17.483%
7	20.554	1683	1689	1712	rBV	3053386	6410948	100.00%	18.942%
8	24.978	2164	2171	2183	rBV2	2570639	6033547	94.11%	17.827%
9	25.125	2184	2187	2202	rVB3	26601	97396	1.52%	0.288%
10	26.989	2385	2390	2400	rBV	29534	70543	1.10%	0.208%
11	30.055	2719	2724	2733	rBV	412041	840820	13.12%	2.484%
12	33.011	3039	3046	3069	rBV2	1828207	4479502	69.87%	13.235%
13	37.106	3484	3492	3516	rBV2	1119750	3366773	52.52%	9.948%

Sum of corrected areas: 33844769

29925.D GCMS1126.M Fri Dec 28 13:27:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29925.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 2:15 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



29925.D GCMS1126.M Fri Dec 28 13:27:53 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29925.D
Acq On : 15 Dec 2001 2:15 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

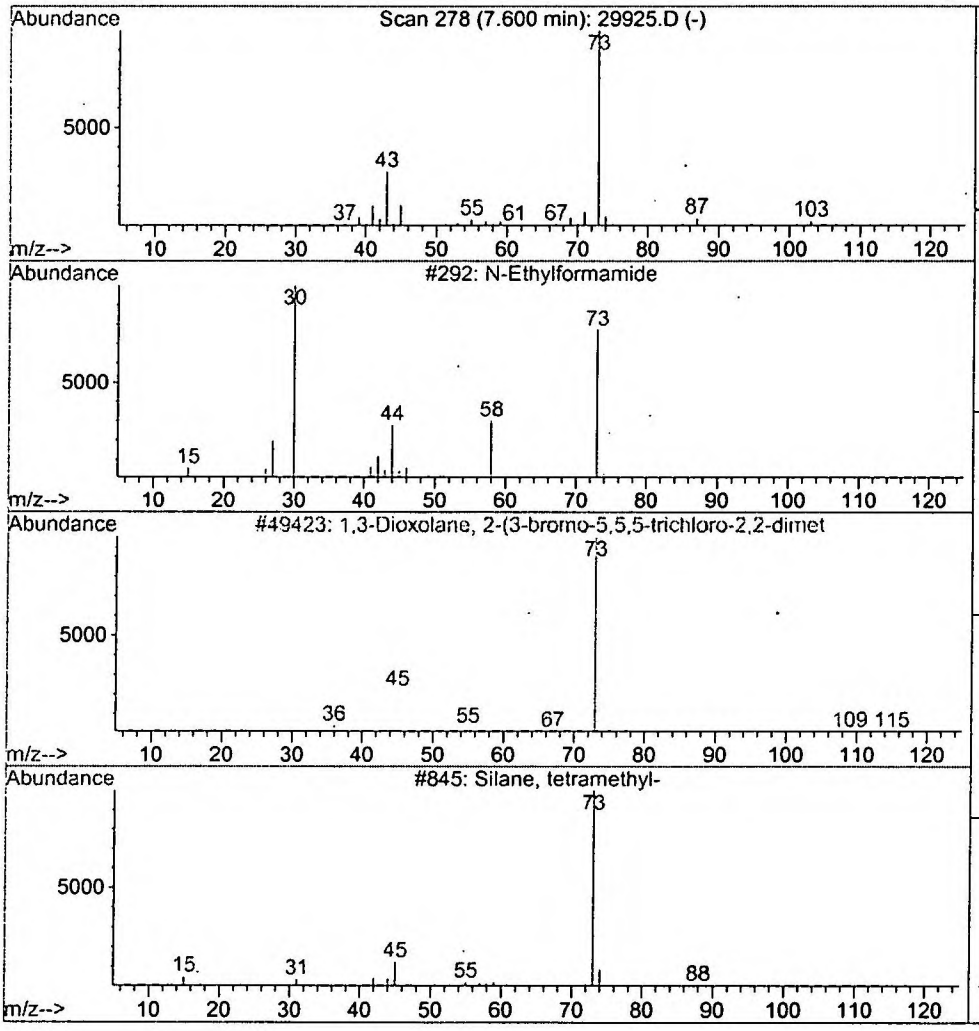
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

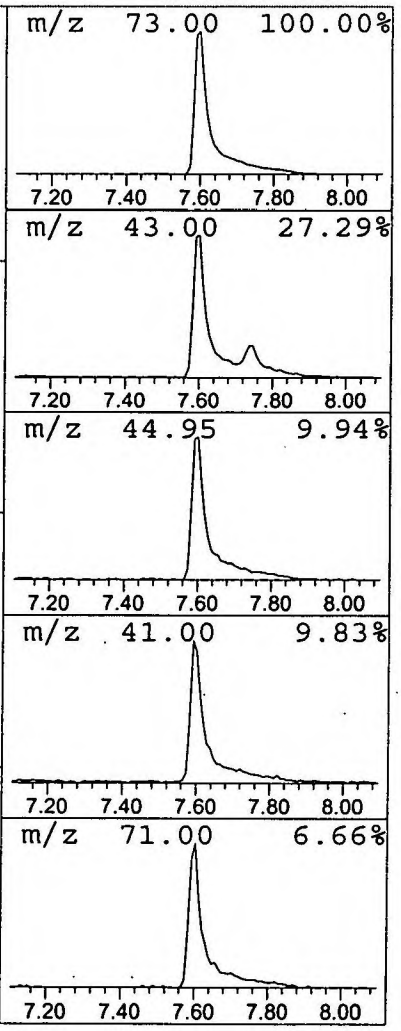
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.24 ug/l	1045430	1,4-Dichlorobenzene-d4	11.68

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	Ether	74	C4H10O	000060-29-7	4





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29925.D
Acq On : 15 Dec 2001 2:15 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

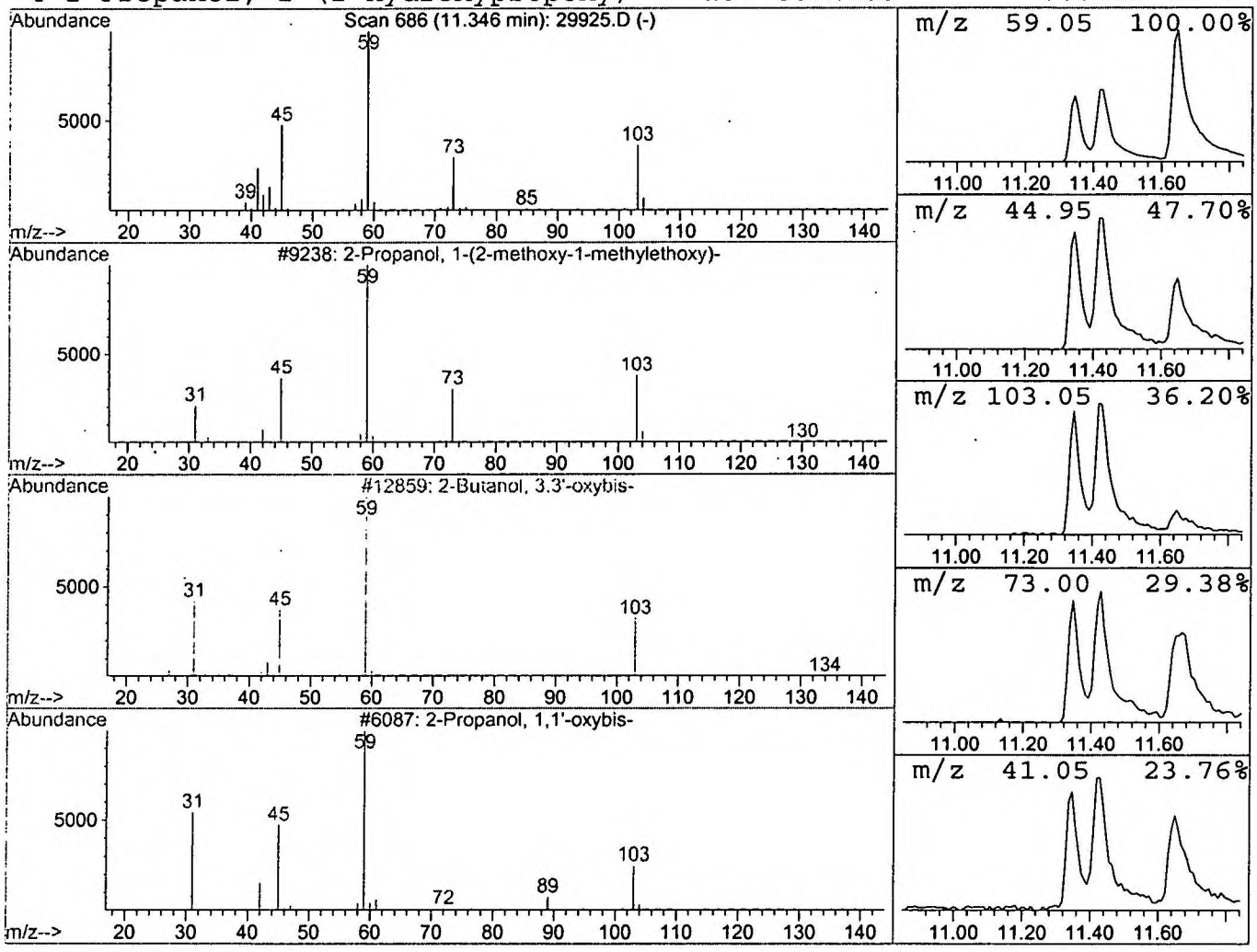
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.92 ug/l	227762	1,4-Dichlorobenzene-d4	11.68

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, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29925.D
Acq On : 15 Dec 2001 2:15 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

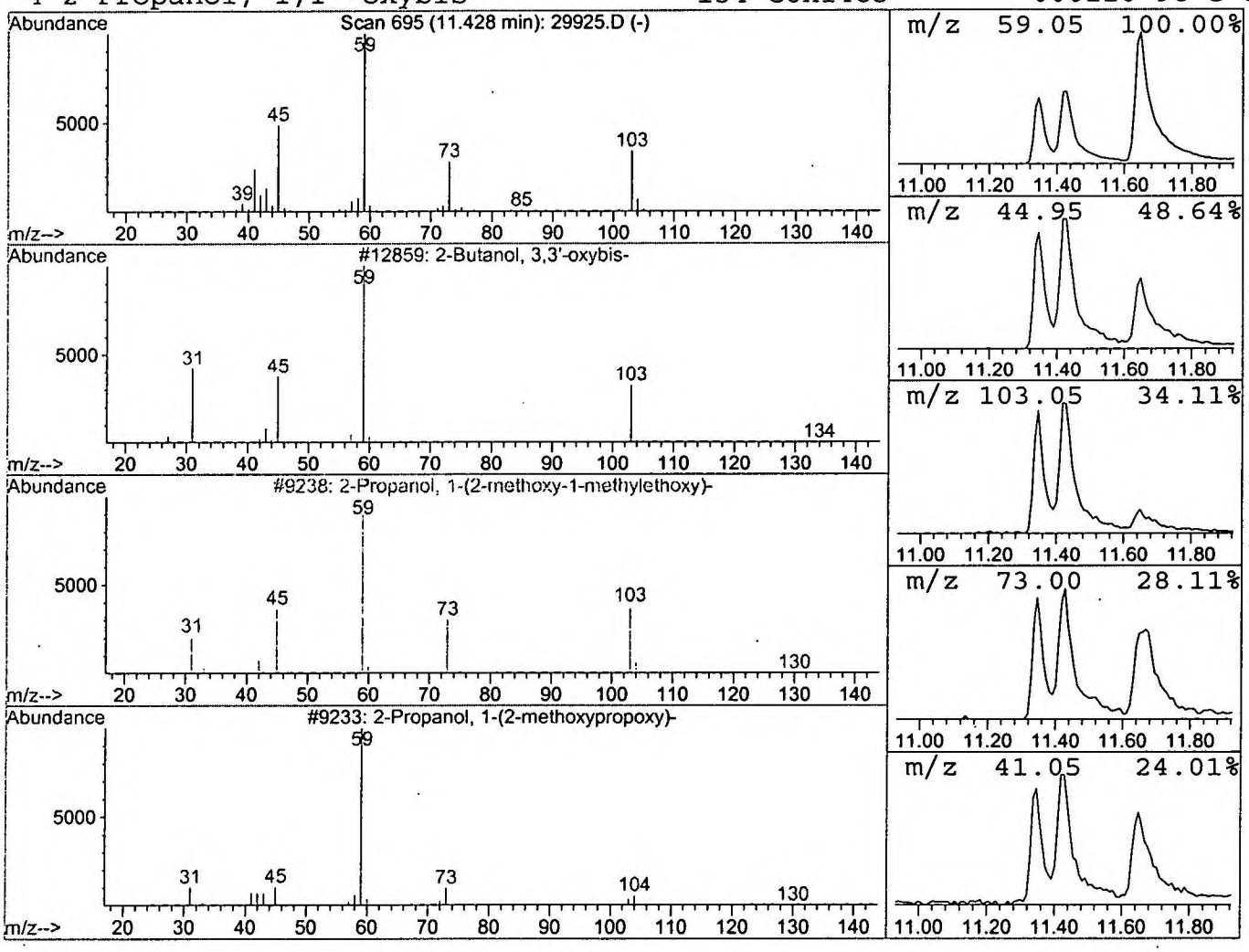
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Butanol, 3,3'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	1.39 ug/l	341914	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
2	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	56
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	40
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 2:15 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29925.D
Name: gcms scan 12/10
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	7.60	4.2	ug/l	1045430	ISTD01	11.68	4936660	20.0
2-Propanol, 1-(2-met	11.35	0.9	ug/l	227762	ISTD01	11.68	4936660	20.0
2-Butanol, 3,3'-oxyb	11.43	1.4	ug/l	341914	ISTD01	11.68	4936660	20.0

29925.D GCMS1126.M Fri Dec 28 13:28:11 2001