User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/17/2001 Time: 12:33:35

Sample: AD29188
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/17/01 12:32 Ended: 12/17/01 12:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

collected 11/29/01
Analyzed 12/17/01

Comments for Sample AD29188 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-17-2001 Time: 12:35:24

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.28 ug/L, and di-n-butylphthalate at an estimated level of 0.64 ug/L. They are also present in the Laboratory Blank at 0.39 ug/L and 2.72 ug/L respectively. Recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29188.D Vial: 5
Acq On : 10 Dec 2001 2:38 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:06 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	827936	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3144517	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1591772	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2222358	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1319796	20.00	ug/l	-0.02
44) Perylene-d12	37.09	264	886495	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	148574	5.62	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 112.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	699	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	13.07	77	272	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	15.33	128	1887	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	21.29	165	355	N.D.		
25) Diethylphthalate	22.07	149	1685	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	22.72	77	358	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 10 Dec 2001 2:38 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
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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

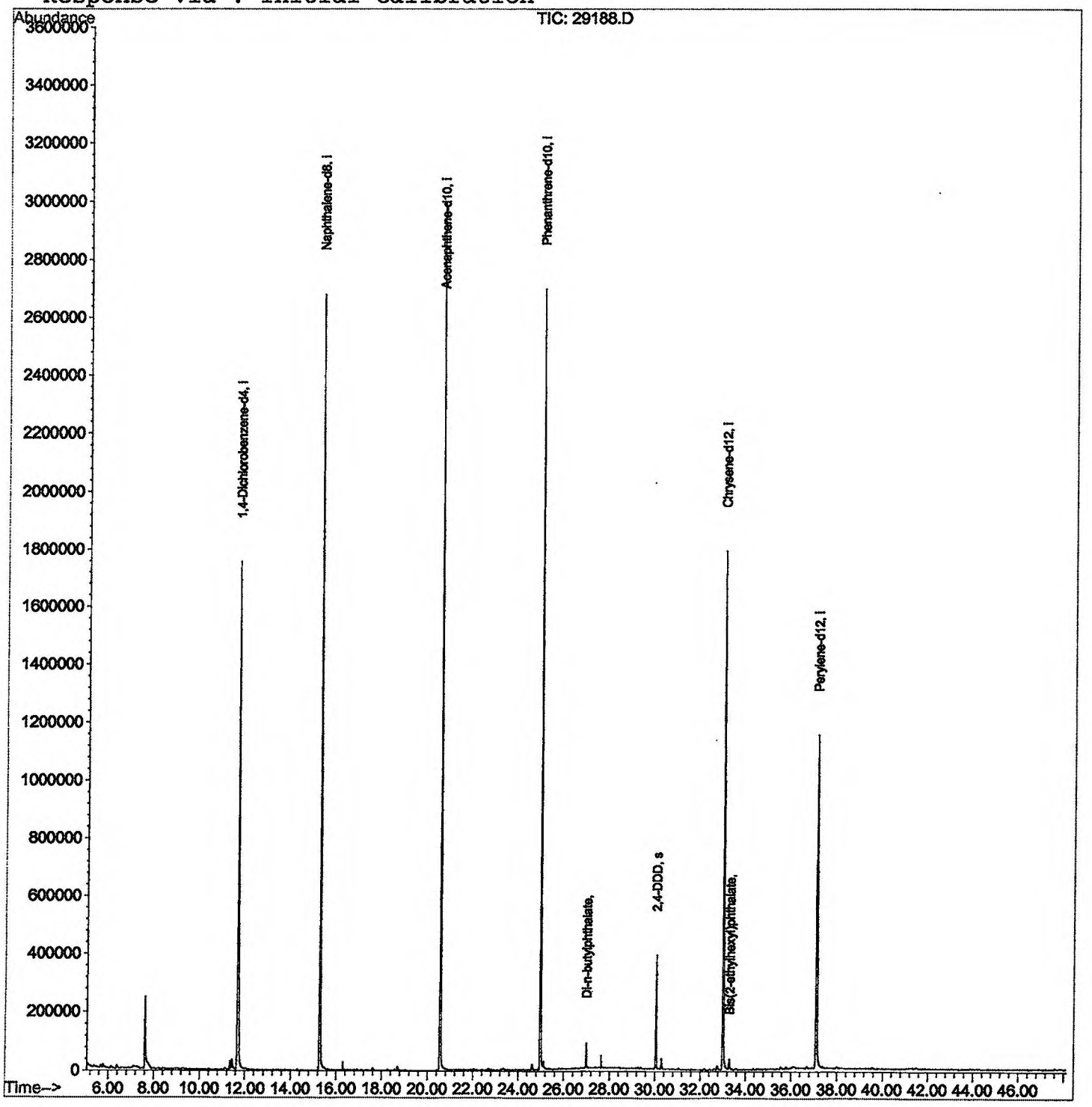
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	470	N.D.	
34)	Anthracene	25.04	178	470	N.D.	
35)	Di-n-butylphthalate	26.99	149	100356	0.64 ug/l	99
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	33.00	228	4209	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	22220	0.28 ug/l	96
43)	Chrysene	33.09	228	742	N.D.	
45)	Di-n-Octylphthalate	35.03	149	933	N.D.	
46)	Benzo(b)fluoranthene	36.05	252	1105	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	1402	N.D.	
48)	Benzo(a)pyrene	36.94	252	354	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\DEC1001\29188.D Vial: 5
Acq On : 10 Dec 2001 2:38 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:06 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29188.D Vial: 5
Acq On : 10 Dec 2001 2:38 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 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

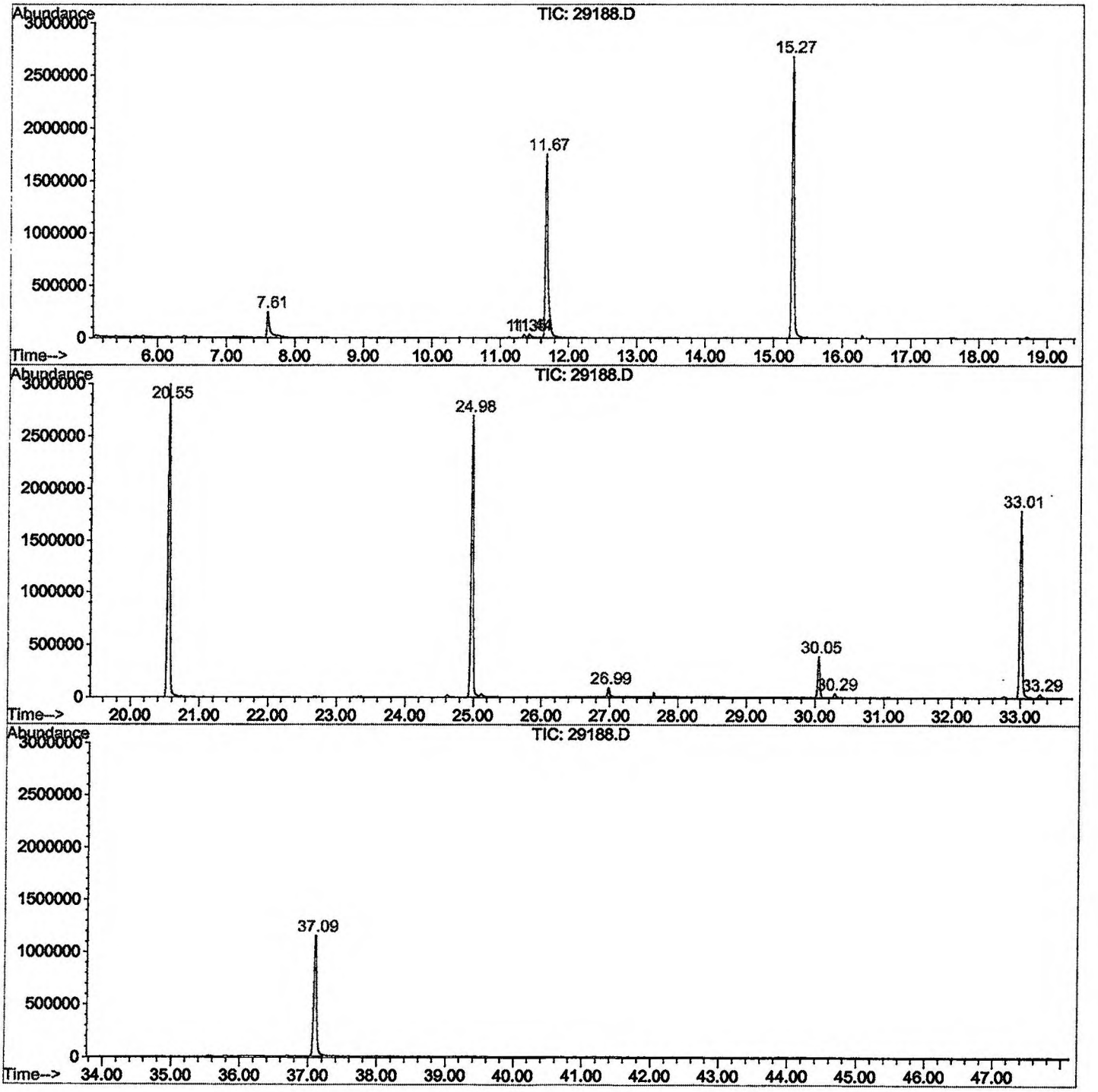
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.607	275	279	293	rBV	244924	690797	10.67%	2.131%
2	11.353	683	687	692	rBV	29761	69503	1.07%	0.214%
3	11.436	692	696	711	rVB	32898	103509	1.60%	0.319%
4	11.674	716	722	742	rBV	1751406	4600836	71.05%	14.195%
5	15.273	1109	1114	1132	rBV	2678752	5926778	91.52%	18.286%
6	20.552	1683	1689	1703	rBV	2998574	6475764	100.00%	19.980%
7	24.977	2164	2171	2183	rBV2	2693886	5932632	91.61%	18.304%
8	26.987	2385	2390	2395	rBV	85652	170551	2.63%	0.526%
9	30.053	2718	2724	2733	rBV	387866	805439	12.44%	2.485%
10	30.292	2745	2750	2758	rBV2	35681	81534	1.26%	0.252%
11	33.009	3039	3046	3063	rBV2	1790428	4166858	64.35%	12.856%
12	33.294	3072	3077	3086	rVB	34792	89727	1.39%	0.277%
13	37.095	3484	3491	3504	rBV2	1145886	3297489	50.92%	10.174%

Sum of corrected areas: 32411417

29188.D GCMS1126.M Thu Dec 13 10:13:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29188.D
Operator : 209 GALOS
Acquired : 10 Dec 2001 2:38 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30
Misc Info :
Vial Number: 5
Quant File :GCMS1126.RES (RTE Integrator)



29188.D GCMS1126.M Thu Dec 13 10:13:17 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29188.D
Acq On : 10 Dec 2001 2:38 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

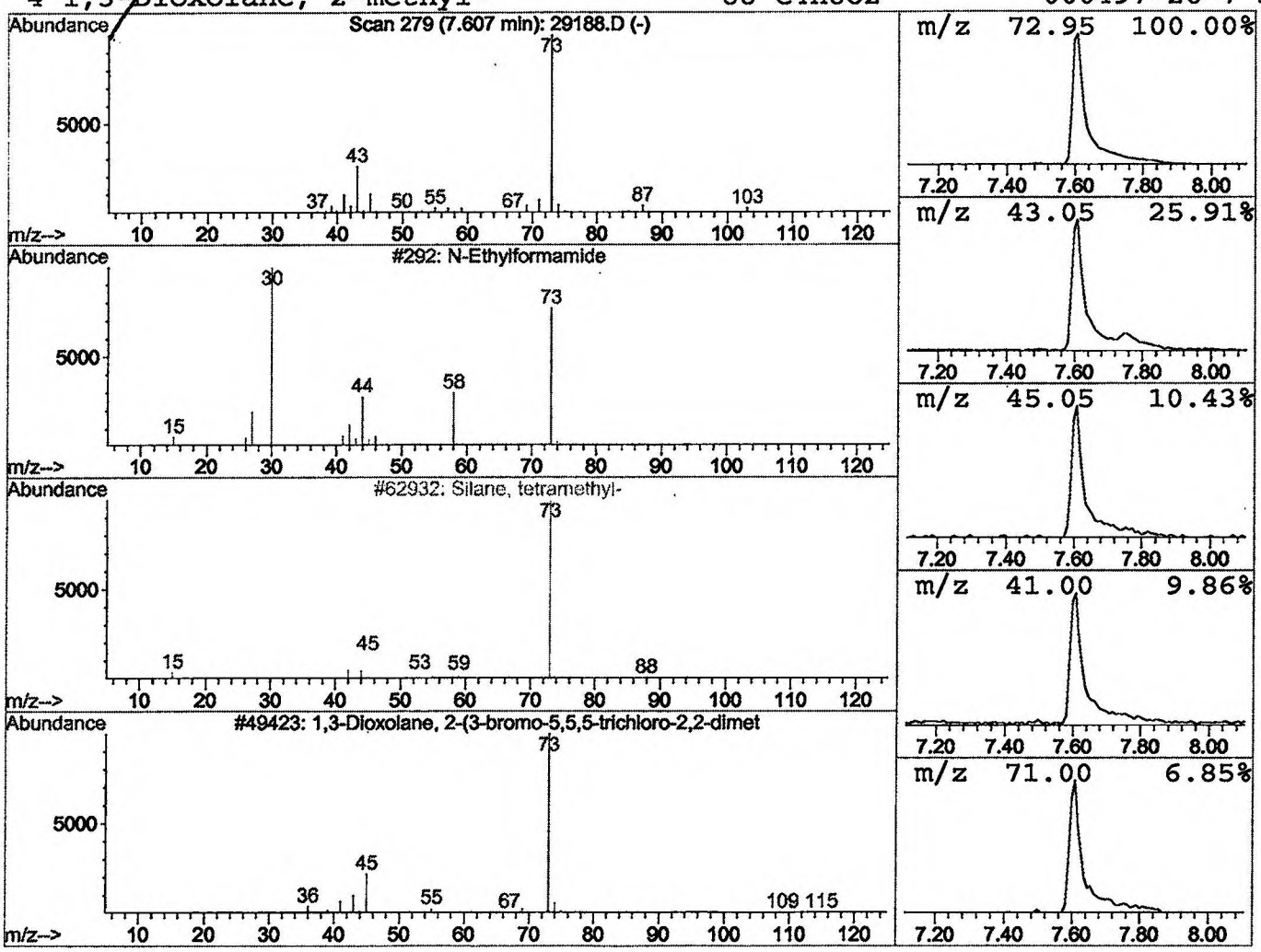
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.00 ug/l	690797	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29188.D
Acq On : 10 Dec 2001 2:38 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

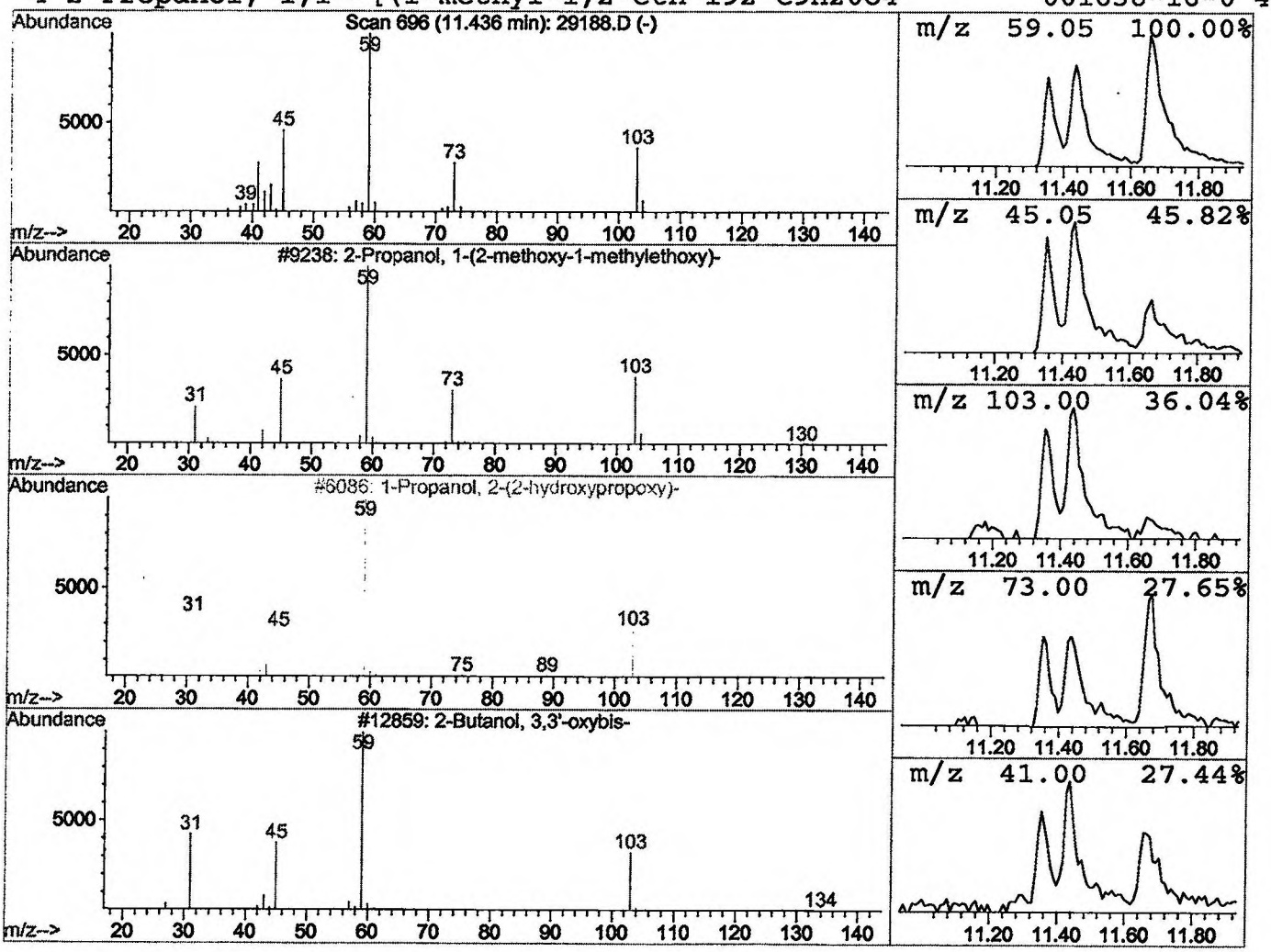
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.45 ug/l	103509	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	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	45



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Dec 2001 2:38 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29188.D
Name: gc/ms scan 11/30
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	3.0	ug/l	690797	ISTD01	11.67	4600840	20.0
2-Propanol, 1-(2-met	11.44	0.4	ug/l	103509	ISTD01	11.67	4600840	20.0

29188.D GCMS1126.M Thu Dec 13 10:13:31 2001