User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 15:52:28

Sample: AD29285
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 15:51 Ended: 12/28/01 15:51 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AD29285 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 15:53:20

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 0.41 ug/L.
The pH of this sample when received was less than 2.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29285.D Vial: 13
Acq On : 12 Dec 2001 2:42 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:49 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	977608	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	3768139	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1885327	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.98	188	2731196	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1769902	20.00	ug/l	-0.03
44) Perylene-d12	37.09	264	992464	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	169596	5.22	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	10.99	93	197	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	288	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	1302	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	21.42	165	181	N.D.		
25) Diethylphthalate	22.07	149	2858	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\DEC1201\29285.D Vial: 13
Acq On : 12 Dec 2001 2:42 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:49 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

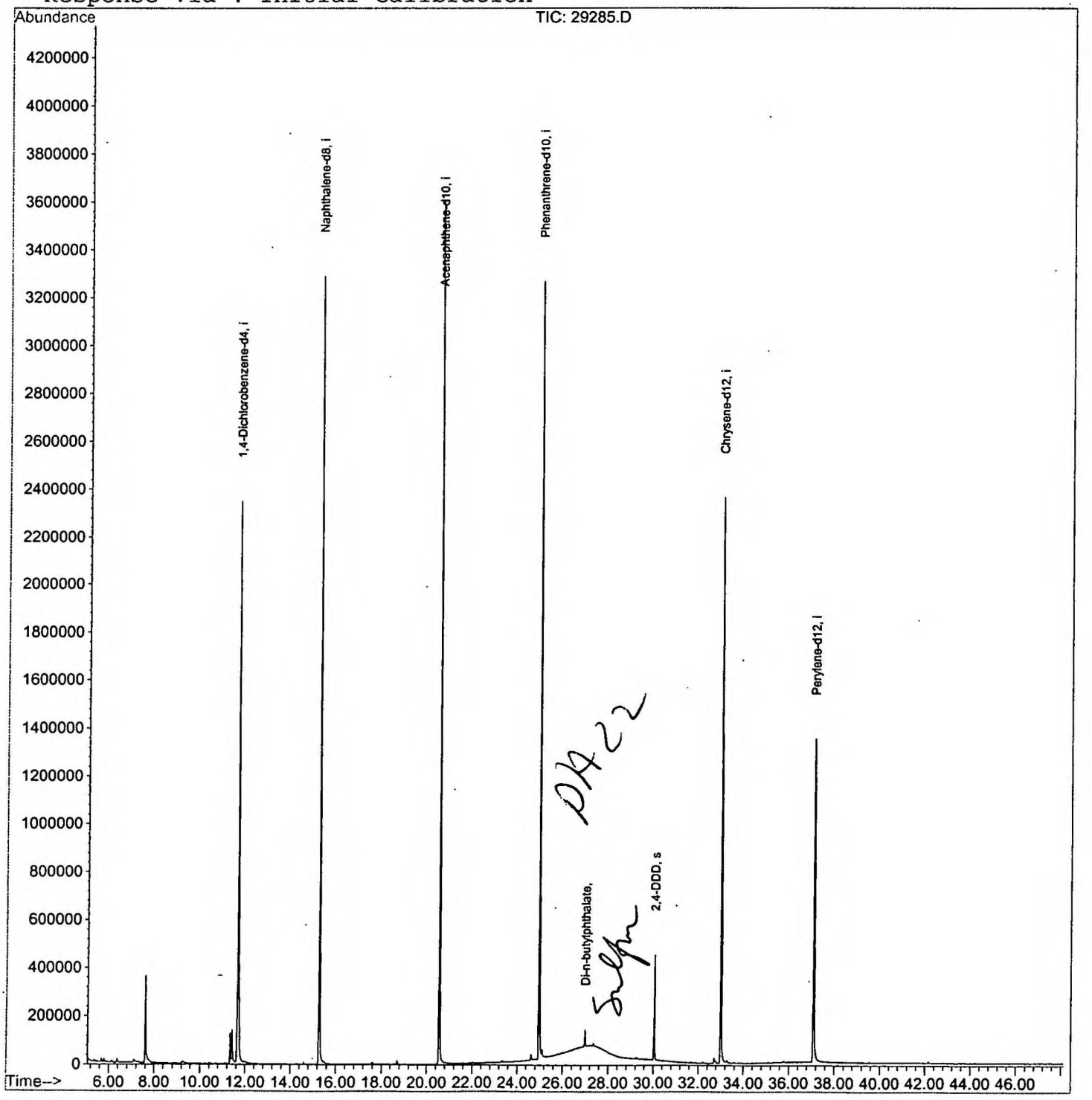
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	562	N.D.	
34)	Anthracene	25.04	178	562	N.D.	
35)	Di-n-butylphthalate	26.99	149	79447	0.41 ug/l #	98
36)	Fluoranthene	28.68	202	366	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.48	149	288	N.D.	
41)	Benzo(a)anthracene	33.01	228	6569	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	10375	N.D.	
43)	Chrysene	33.01	228	6569	N.D.	
45)	Di-n-Octylphthalate	35.04	149	746	N.D.	
46)	Benzo(b)fluoranthene	36.10	252	2171	N.D.	
47)	Benzo(k)fluoranthene	36.10	252	2171	N.D.	
48)	Benzo(a)pyrene	36.95	252	221	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\DEC1201\29285.D Vial: 13
Acq On : 12 Dec 2001 2:42 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:49 2001 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\DEC1201\29285.D Vial: 13
Acq On : 12 Dec 2001 2:42 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 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

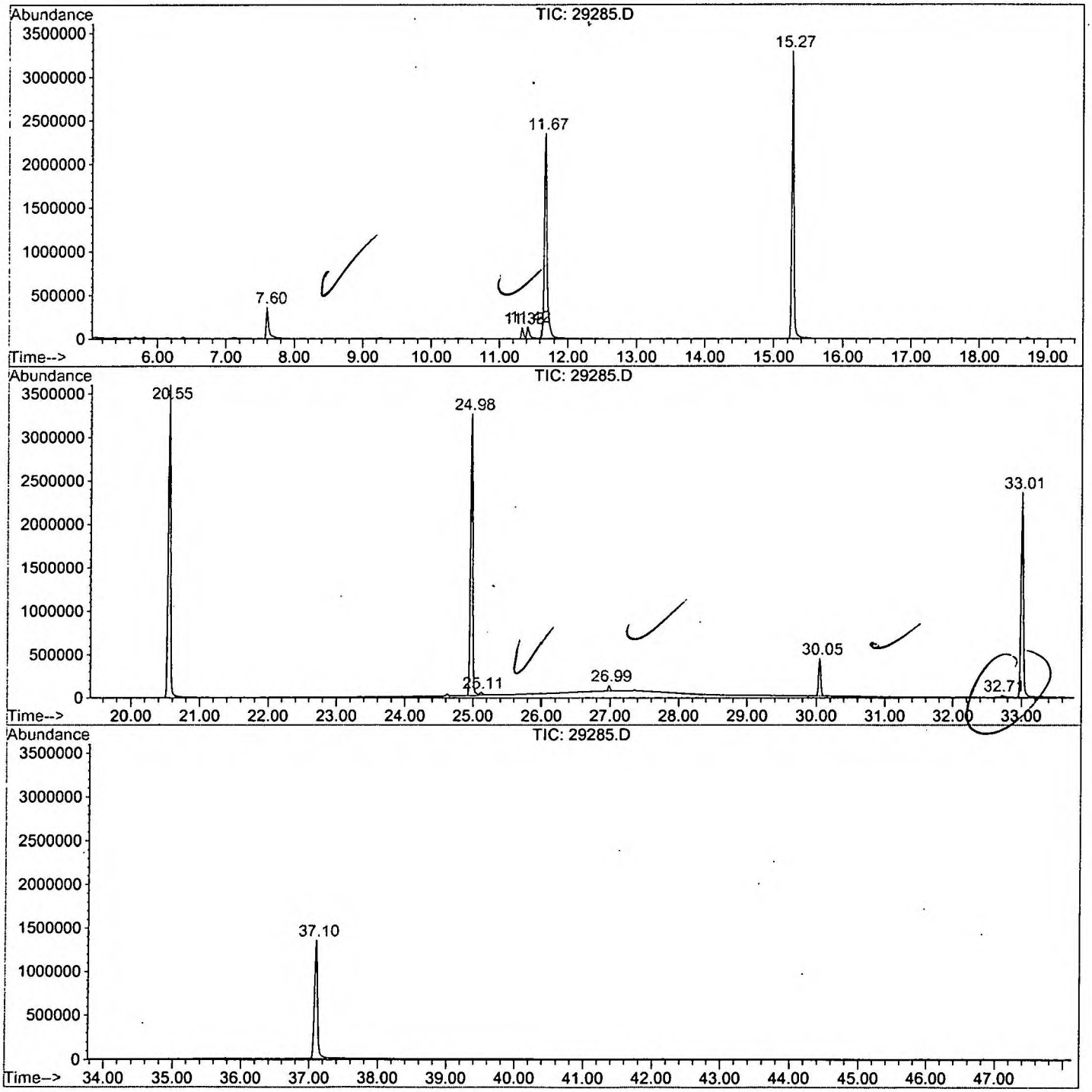
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.597	274	278	302	rBV	359780	934377	12.09%	2.309%
2	11.334	681	685	691	rBV	125208	285505	3.69%	0.706%
3	11.416	691	694	710	rVV	138646	369241	4.78%	0.913%
4	11.674	714	722	746	rVV	2342215	5838409	75.54%	14.428%
5	15.272	1109	1114	1133	rBV	3288809	7150440	92.51%	17.671%
6	20.551	1683	1689	1708	rBV	3605926	7729345	100.00%	19.101%
7	24.976	2164	2171	2182	rBV2	3246204	7297928	94.42%	18.035%
8	25.113	2183	2186	2194	rVB2	30043	85879	1.11%	0.212%
9	26.986	2386	2390	2398	rVB	66519	130323	1.69%	0.322%
10	30.053	2718	2724	2731	rVB2	435155	935927	12.11%	2.313%
11	32.715	3010	3014	3028	rVB6	21819	82133	1.06%	0.203%
12	33.009	3038	3046	3064	rBV2	2361803	5568785	72.05%	13.762%
13	37.103	3484	3492	3510	rBV2	1345920	4056408	52.48%	10.025%

Sum of corrected areas: 40464700

29285.D GCMS1126.M Fri Dec 28 15:21:01 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29285.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 2:42 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



29285.D GCMS1126.M Fri Dec 28 15:21:07 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29285.D
Acq On : 12 Dec 2001 2:42 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

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

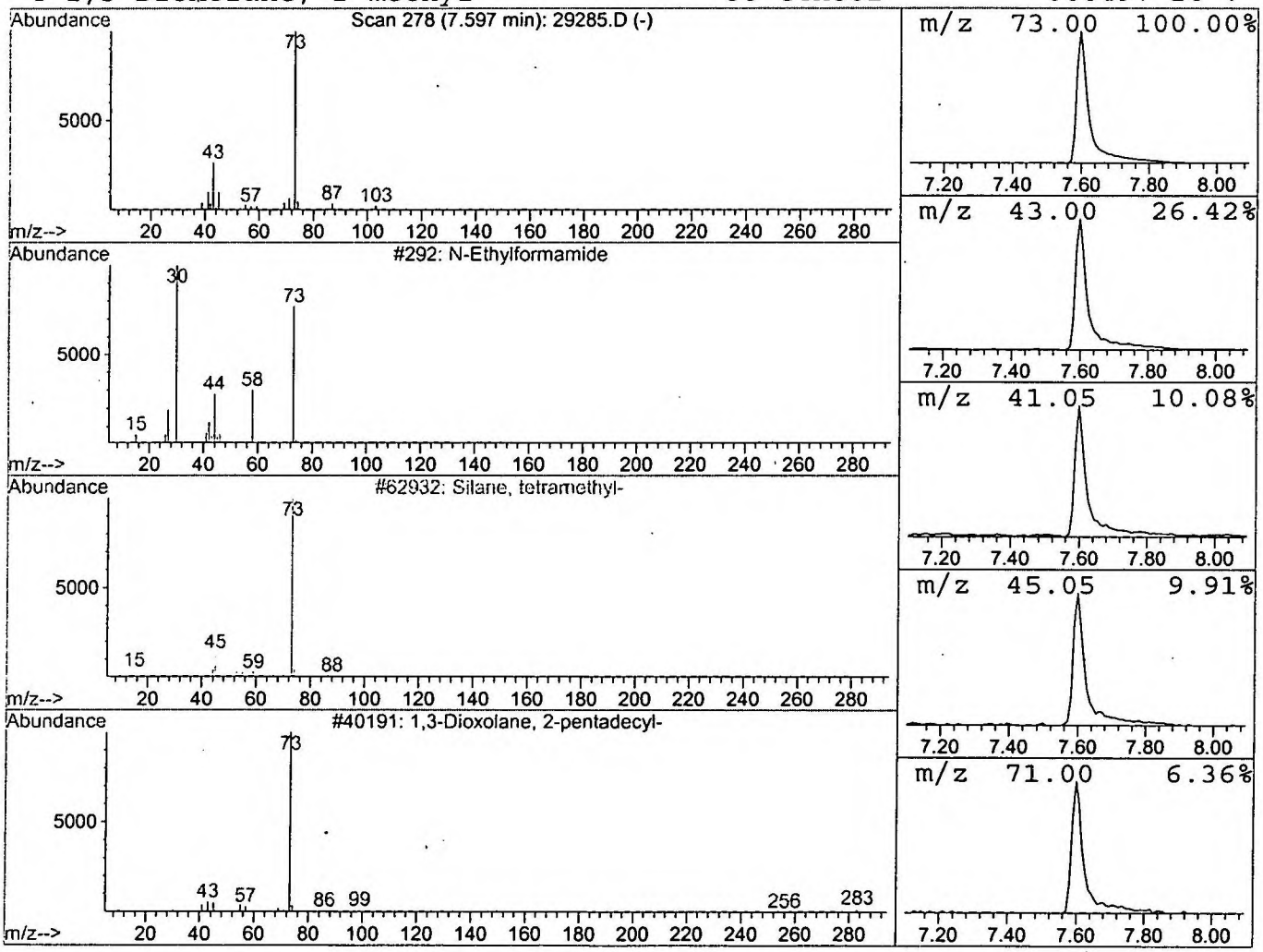
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.20 ug/l	934377	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-pentadecyl-	284	C18H36O2	004360-57-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29285.D
Acq On : 12 Dec 2001 2:42 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

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

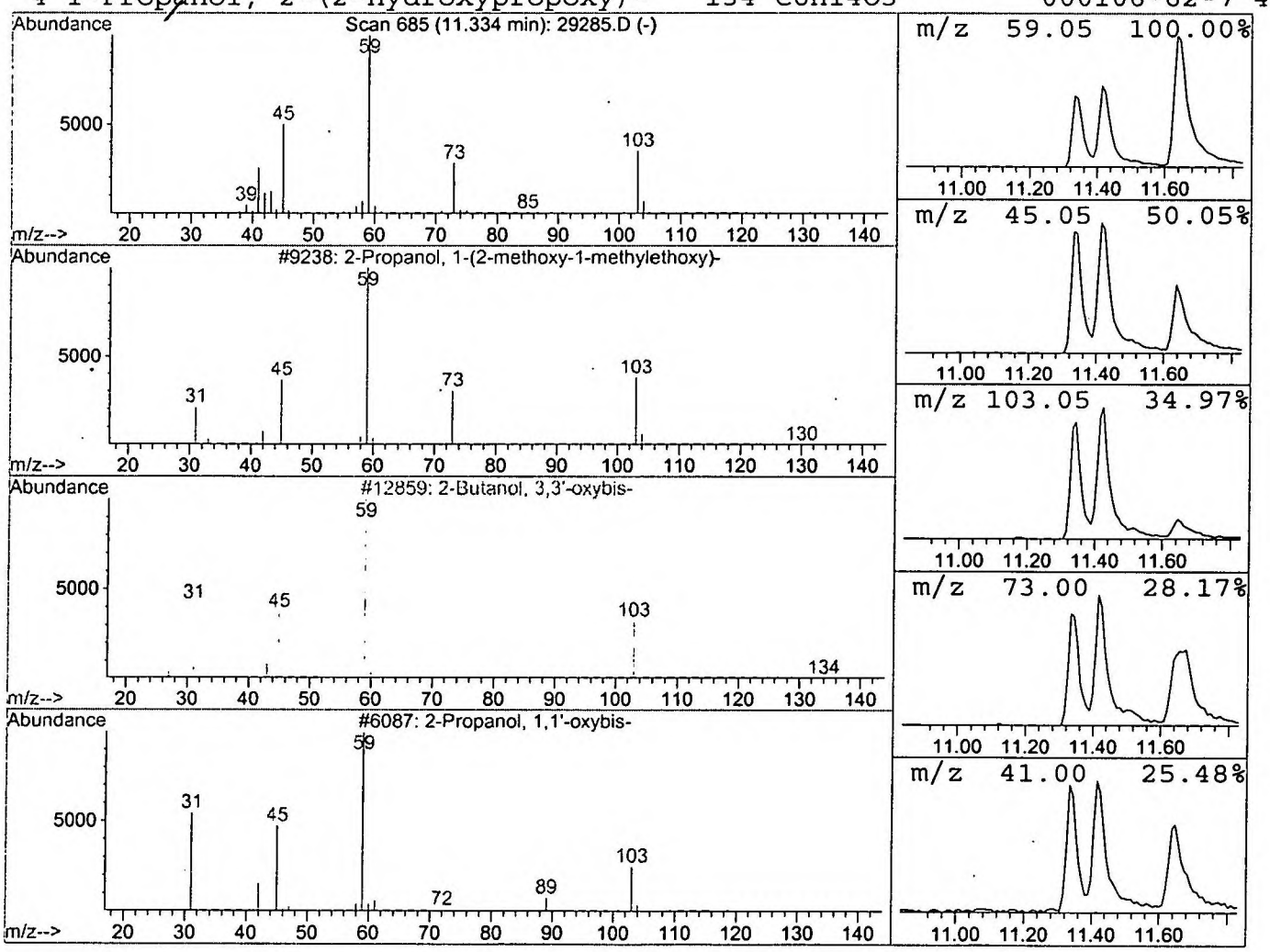
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	0.98 ug/l	285505	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	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29285.D
Acq On : 12 Dec 2001 2:42 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

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

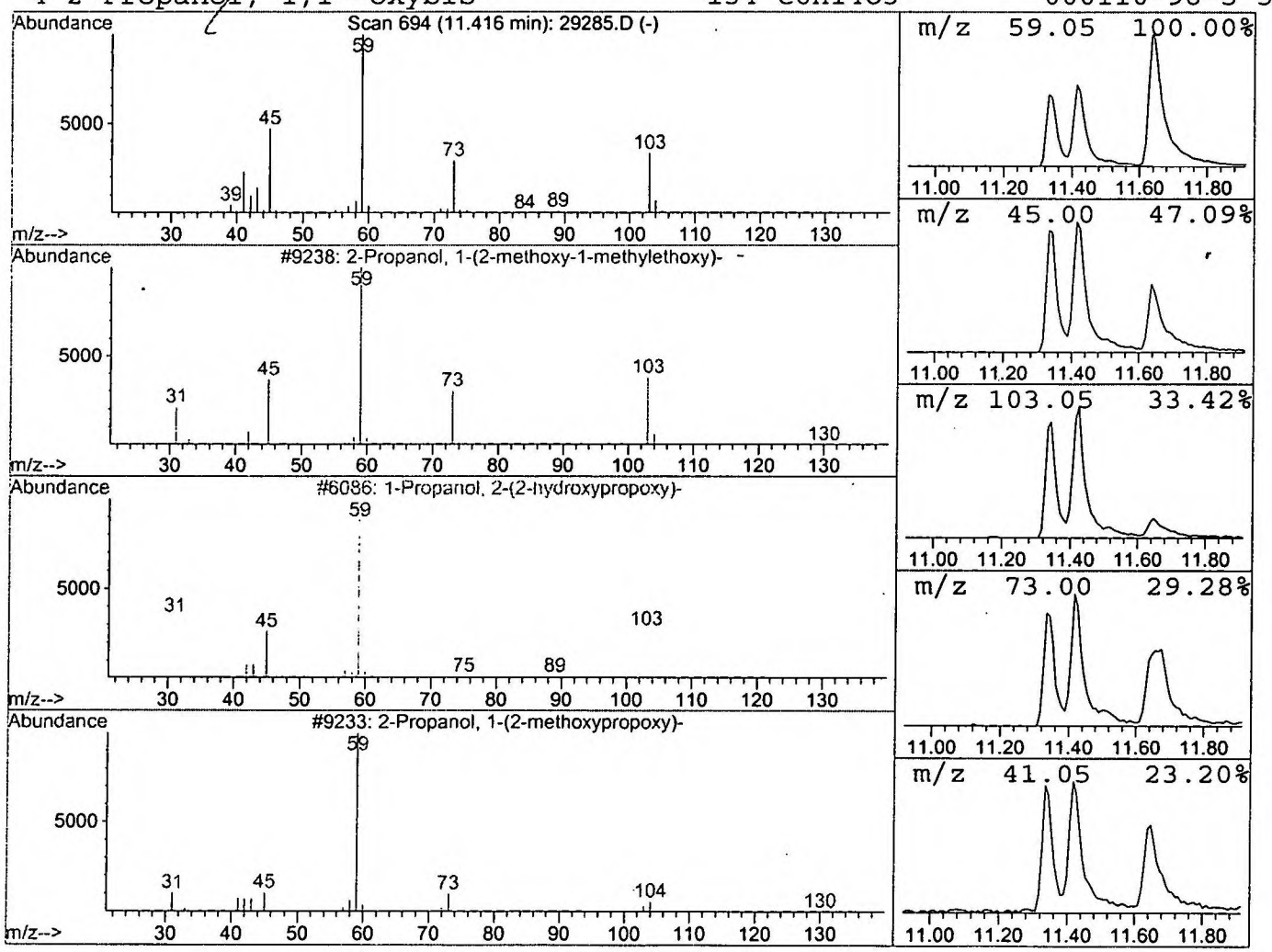
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.26 ug/l	369241	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	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 2:42 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\29285.D
Name: gc/ms scan 12/4
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	3.2	ug/l	934377	ISTD01	11.67	5838410	20.0
2-Propanol, 1-(2-met	11.33	1.0	ug/l	285505	ISTD01	11.67	5838410	20.0
2-Propanol, 1-(2-met	11.42	1.3	ug/l	369241	ISTD01	11.67	5838410	20.0

29285.D GCMS1126.M Fri Dec 28 15:21:27 2001