User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:49:26

Sample: AD29965
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/31/02 11:49 Ended: 1/31/02 11:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AD29965 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:49:29

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\DEC1401\29965.D Vial: 49
Acq On : 16 Dec 2001 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 11:29 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	801048	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3100409	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1555766	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2257609	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1401651	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	899350	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	123211	4.96	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 99.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	12.88	77	106	N.D.		
12) Isophorone	13.50	82	182	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	958	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	20.57	153	100	N.D.		
24) 2,4-Dinitrotoluene	21.10	165	102	N.D.		
25) Diethylphthalate	0.00	149	0	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)

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Acq On : 16 Dec 2001 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
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Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

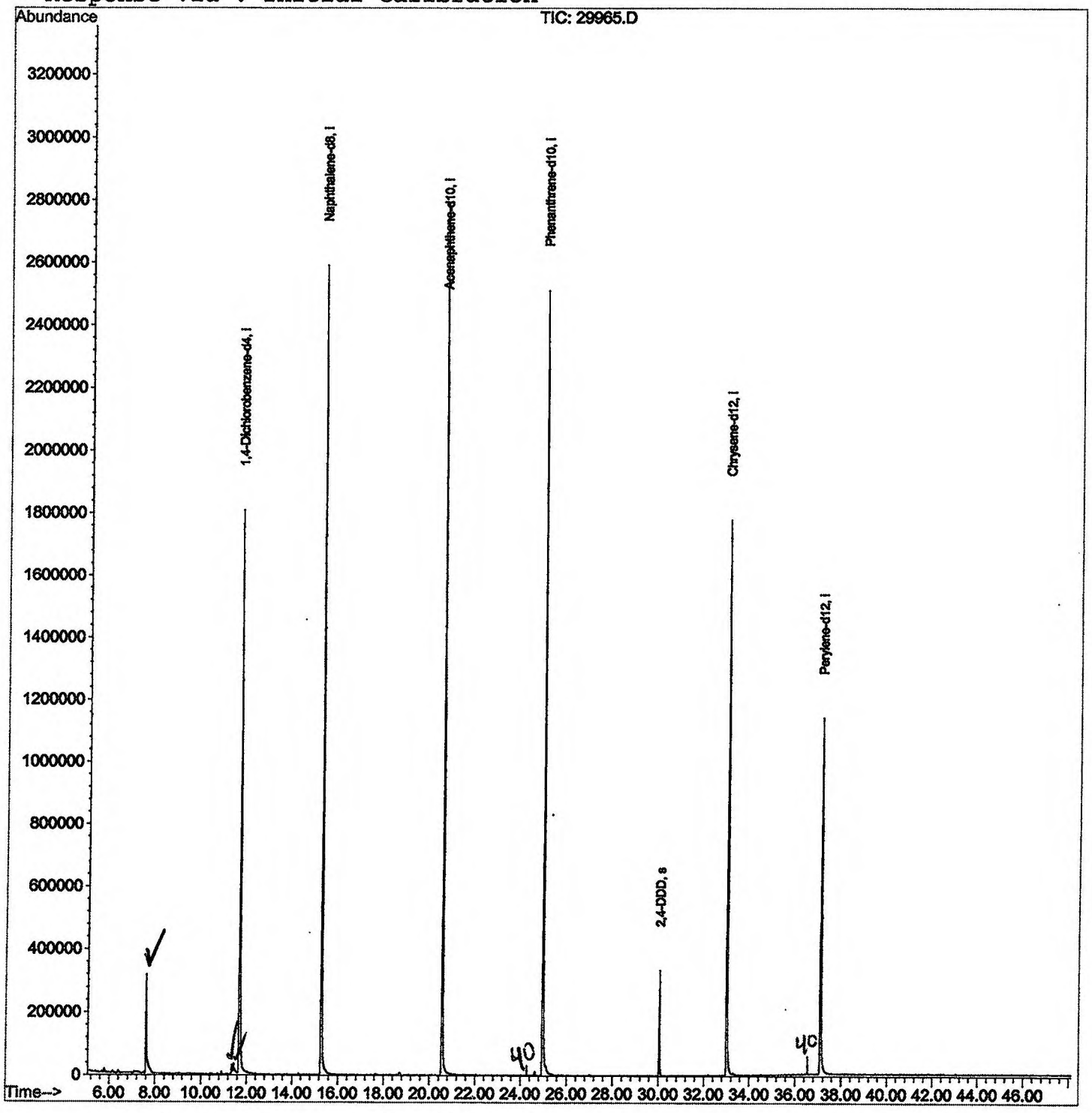
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	218	N.D.	
34)	Anthracene	25.05	178	218	N.D.	
35)	Di-n-butylphthalate	27.02	149	2740	N.D.	
36)	Fluoranthene	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	3149	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	3797	N.D.	
43)	Chrysene	33.01	228	3149	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	3452	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\29965.D Vial: 49
Acq On : 16 Dec 2001 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 11:29 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29965.D Vial: 49
Acq On : 16 Dec 2001 1:33 pm Operator: 209 GALOS
Sample : gcms scan 12/11 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

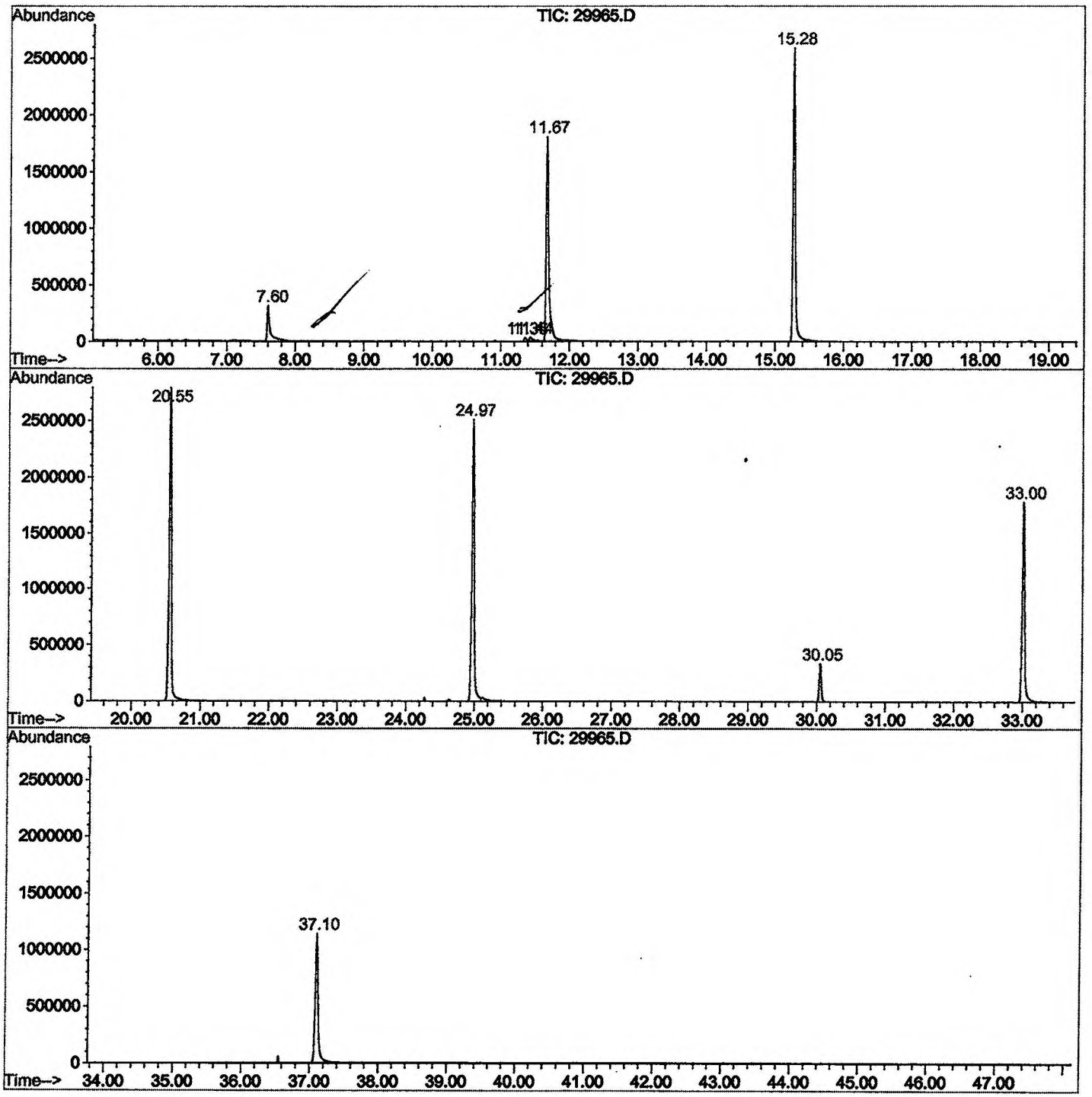
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	313	rVB	311715	960125	14.87%	2.943%
2	11.357	685	688	693	rBV	29986	75947	1.18%	0.233%
3	11.440	693	697	705	rVB	27526	81789	1.27%	0.251%
4	11.669	717	722	747	rBV	1803118	4732158	73.27%	14.506%
5	15.277	1109	1115	1136	rBV	2588011	5965763	92.37%	18.288%
6	20.547	1683	1689	1712	rBV	2792664	6458335	100.00%	19.798%
7	24.972	2165	2171	2185	rBV2	2510182	5897403	91.31%	18.079%
8	30.048	2719	2724	2736	rBV	333182	701164	10.86%	2.149%
9	33.005	3040	3046	3073	rBV2	1778282	4459290	69.05%	13.670%
10	37.099	3484	3492	3517	rBV	1138007	3289082	50.93%	10.083%

Sum of corrected areas: 32621056

29965.D GCMS1126.M Wed Jan 30 12:46:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29965.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 1:33 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 49
Quant File :GCMS1126.RES (RTE Integrator)



29965.D GCMS1126.M Wed Jan 30 12:46:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29965.D
Acq On : 16 Dec 2001 1:33 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 49
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

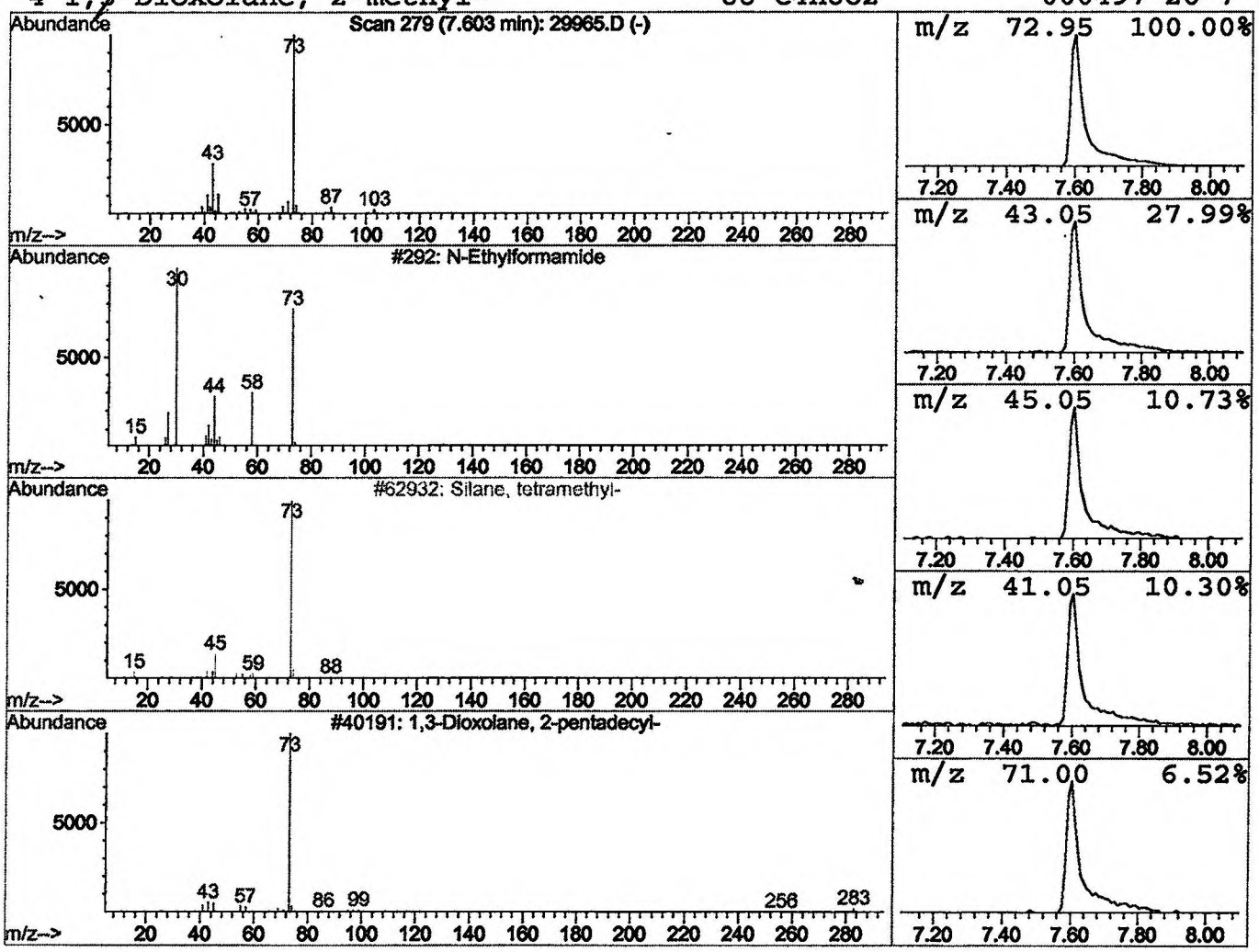
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.06 ug/l	960125	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\DEC1401\29965.D
Acq On : 16 Dec 2001 1:33 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 49
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

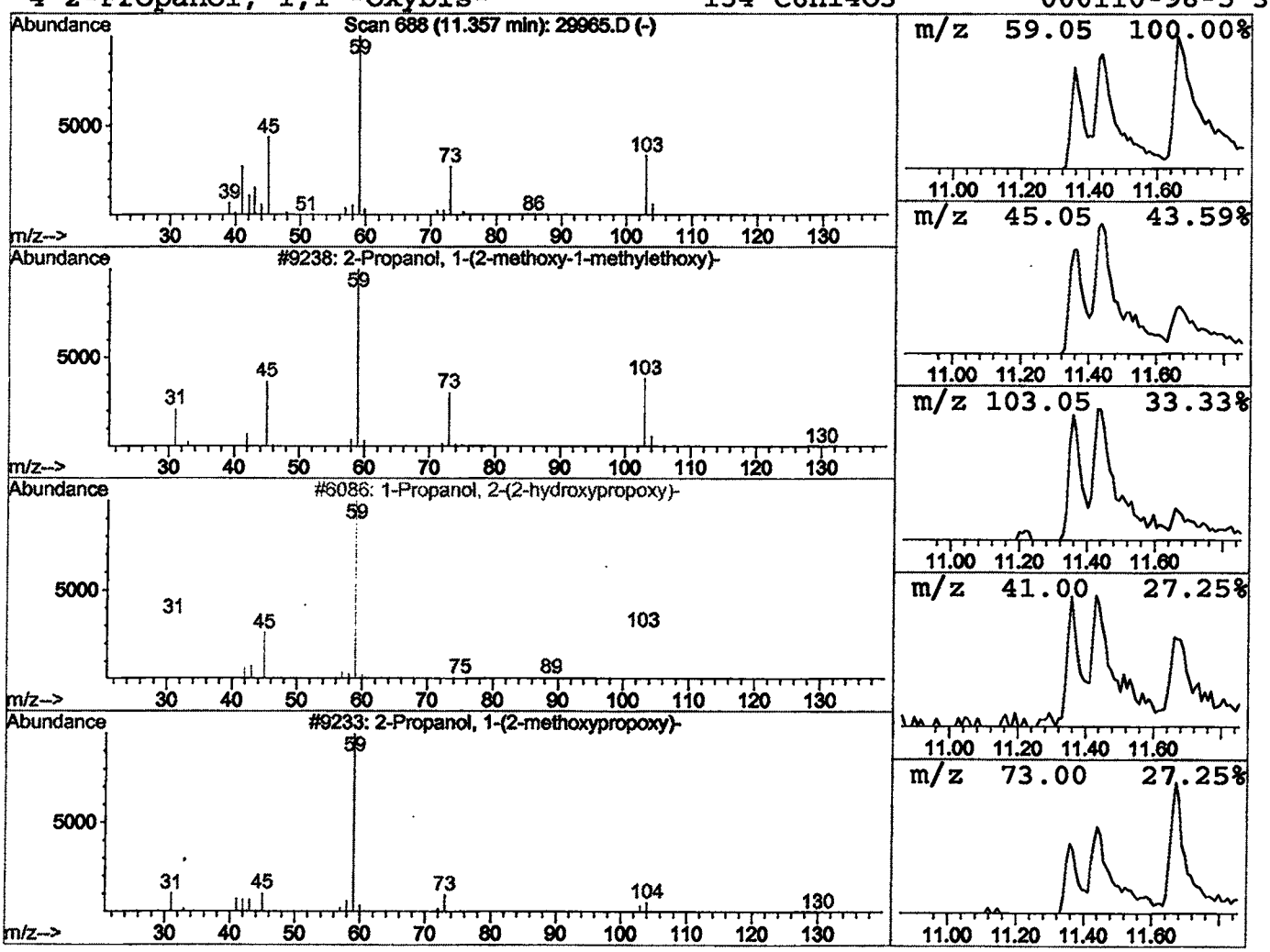
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	0.32 ug/l	75947	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	45
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	40
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29965.D
Acq On : 16 Dec 2001 1:33 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 49
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

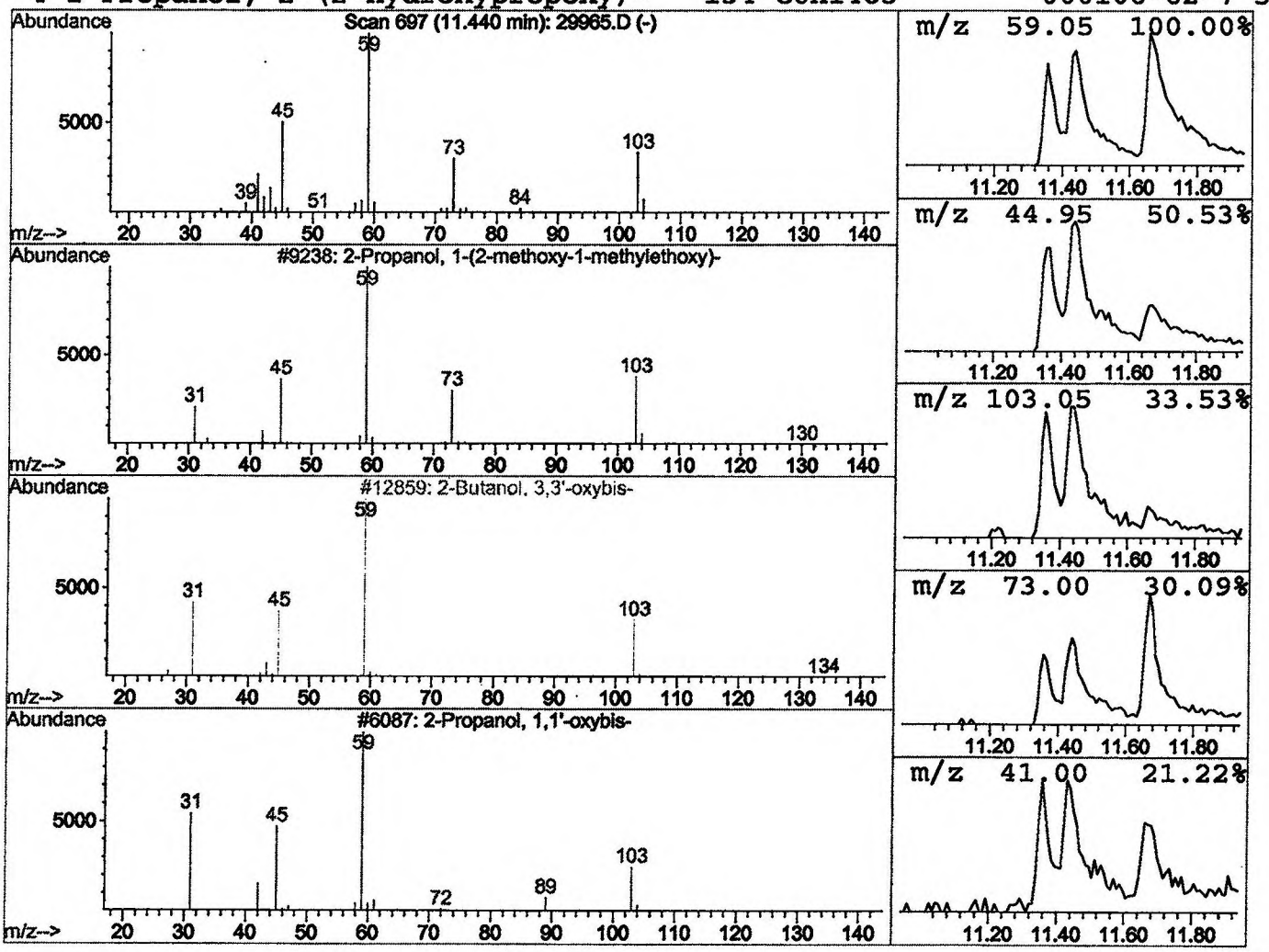
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.35 ug/l	81789	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	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 1:33 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29965.D
Name: gcms scan 12/11
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	4.1	ug/l	960125	ISTD01	11.67	4732160	20.0
2-Propanol, 1-(2-met	11.36	0.3	ug/l	75947	ISTD01	11.67	4732160	20.0
2-Propanol, 1-(2-met	11.44	0.3	ug/l	81789	ISTD01	11.67	4732160	20.0

29965.D GCMS1126.M Wed Jan 30 12:47:03 2002

column leak
hexane