'Comments for Sample AD29025 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:00:53

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds, except for di-n-butylphthalate at an estimated level of 0.29 ug/L.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 12:59:53

Sample: AD29025
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 12:59 Ended: 12/18/01 12:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		86		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29025.D Vial: 29
Acq On : 11 Dec 2001 3:59 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:37 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	951396	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3637955	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1796020	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.98	188	2587087	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1702906	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1173671	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	131880	4.28	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 85.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	170	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	12.97	77	221	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	1606	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	21.03	165	358	N.D.		
25) Diethylphthalate	22.07	149	720	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\DEC1001\29025.D Vial: 29
Acq On : 11 Dec 2001 3:59 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:37 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

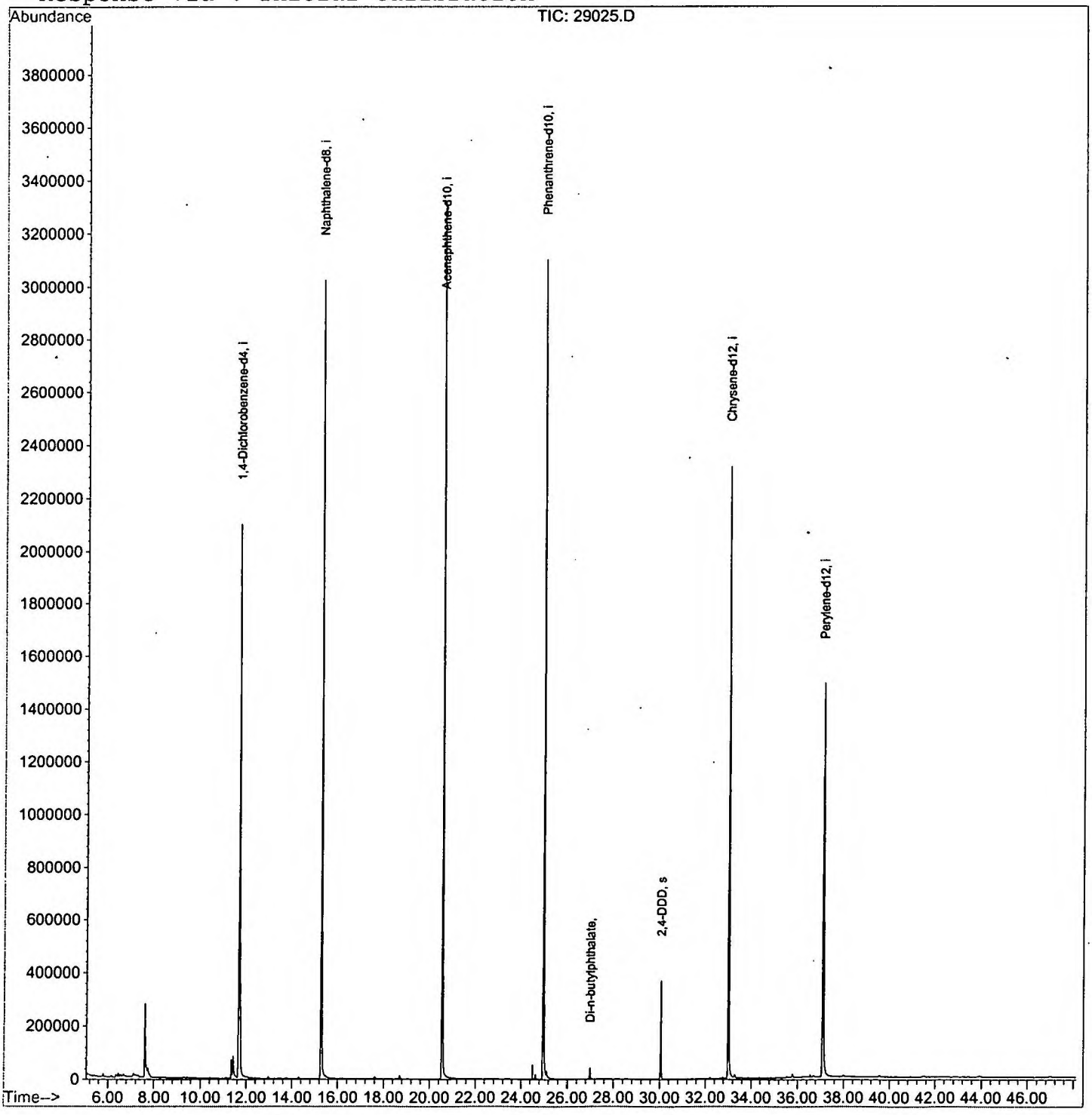
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.03	178	900	N.D.	
34)	Anthracene	25.03	178	900	N.D.	
35)	Di-n-butylphthalate	26.99	149	52361	0.29 ug/l	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.49	149	174	N.D.	
41)	Benzo(a)anthracene	33.01	228	4100	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	9725	N.D.	
43)	Chrysene	33.01	228	4100	N.D.	
45)	Di-n-Octylphthalate	35.12	149	101	N.D.	
46)	Benzo(b)fluoranthene	36.12	252	451	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	451	N.D.	
48)	Benzo(a)pyrene	37.10	252	5304	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\29025.D Vial: 29
Acq On : 11 Dec 2001 3:59 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:37 2001 Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29025.D Vial: 29
Acq On : 11 Dec 2001 3:59 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a 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

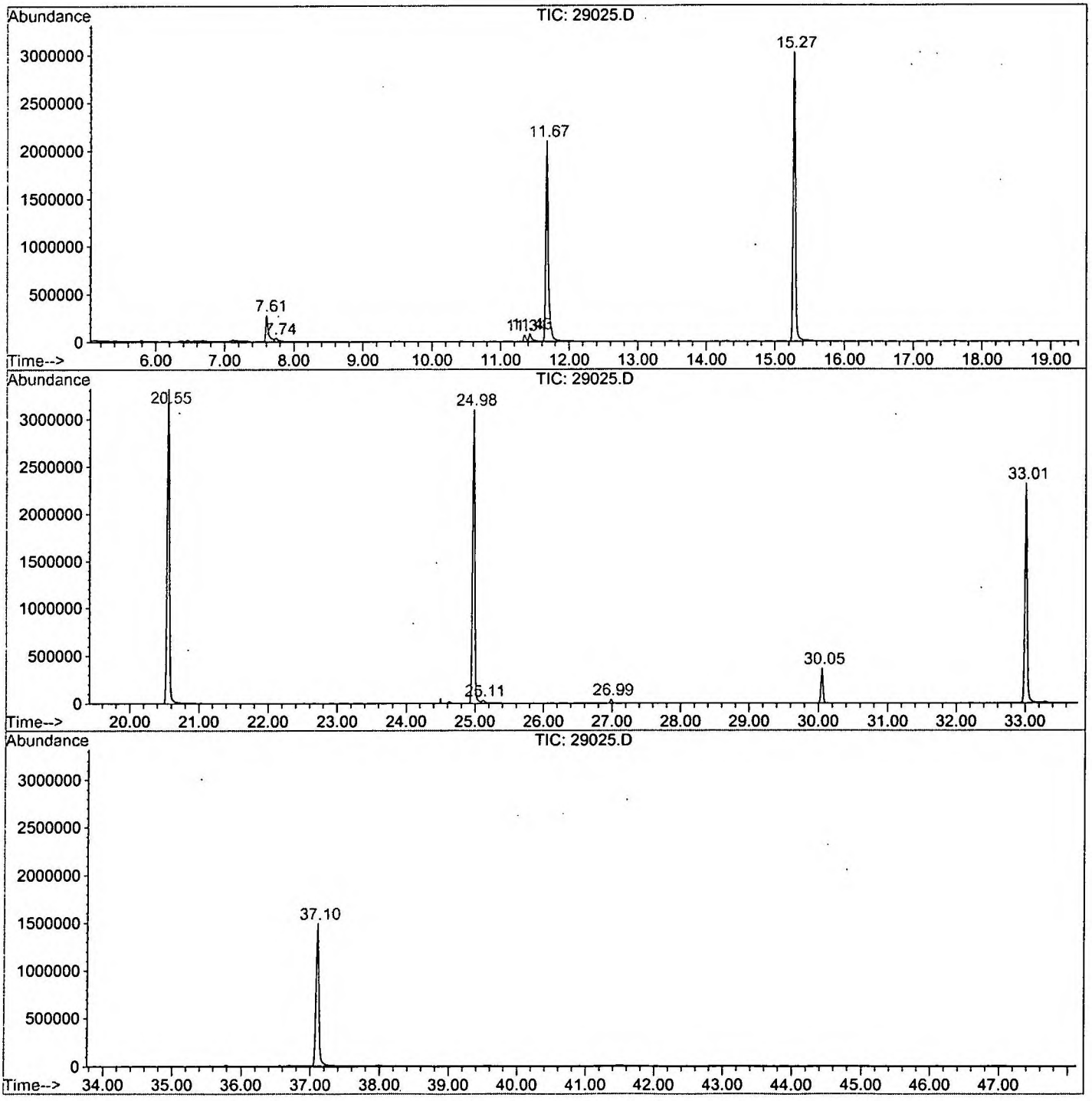
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.606	274	279	290	rBV	275730	735414	10.06%	1.924%
2	7.744	291	294	310	rVB	36071	136959	1.87%	0.358%
3	11.343	682	686	691	rBV	70080	160601	2.20%	0.420%
4	11.425	691	695	710	rVB	81562	241356	3.30%	0.632%
5	11.673	716	722	745	rBV	2096664	5417746	74.15%	14.175%
6	15.272	1109	1114	1133	rBV	3023120	6864621	93.95%	17.961%
7	20.551	1683	1689	1701	rBV	3321214	7306830	100.00%	19.118%
8	24.975	2164	2171	2183	rBV2	3101321	6872063	94.05%	17.981%
9	25.113	2183	2186	2194	rVB2	25704	77119	1.06%	0.202%
10	26.986	2385	2390	2397	rBV	43533	89727	1.23%	0.235%
11	30.052	2718	2724	2732	rBV	368115	728044	9.96%	1.905%
12	33.008	3038	3046	3070	rBV2	2316468	5333529	72.99%	13.955%
13	37.103	3484	3492	3509	rBV2	1486833	4255081	58.23%	11.133%

Sum of corrected areas: 38219090

29025.D GCMS1126.M Wed Dec 12 15:45:08 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29025.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 3:59 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 29
Quant File :GCMS1126.RES (RTE Integrator)



29025.D GCMS1126.M Wed Dec 12 15:45:14 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29025.D
Acq On : 11 Dec 2001 3:59 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

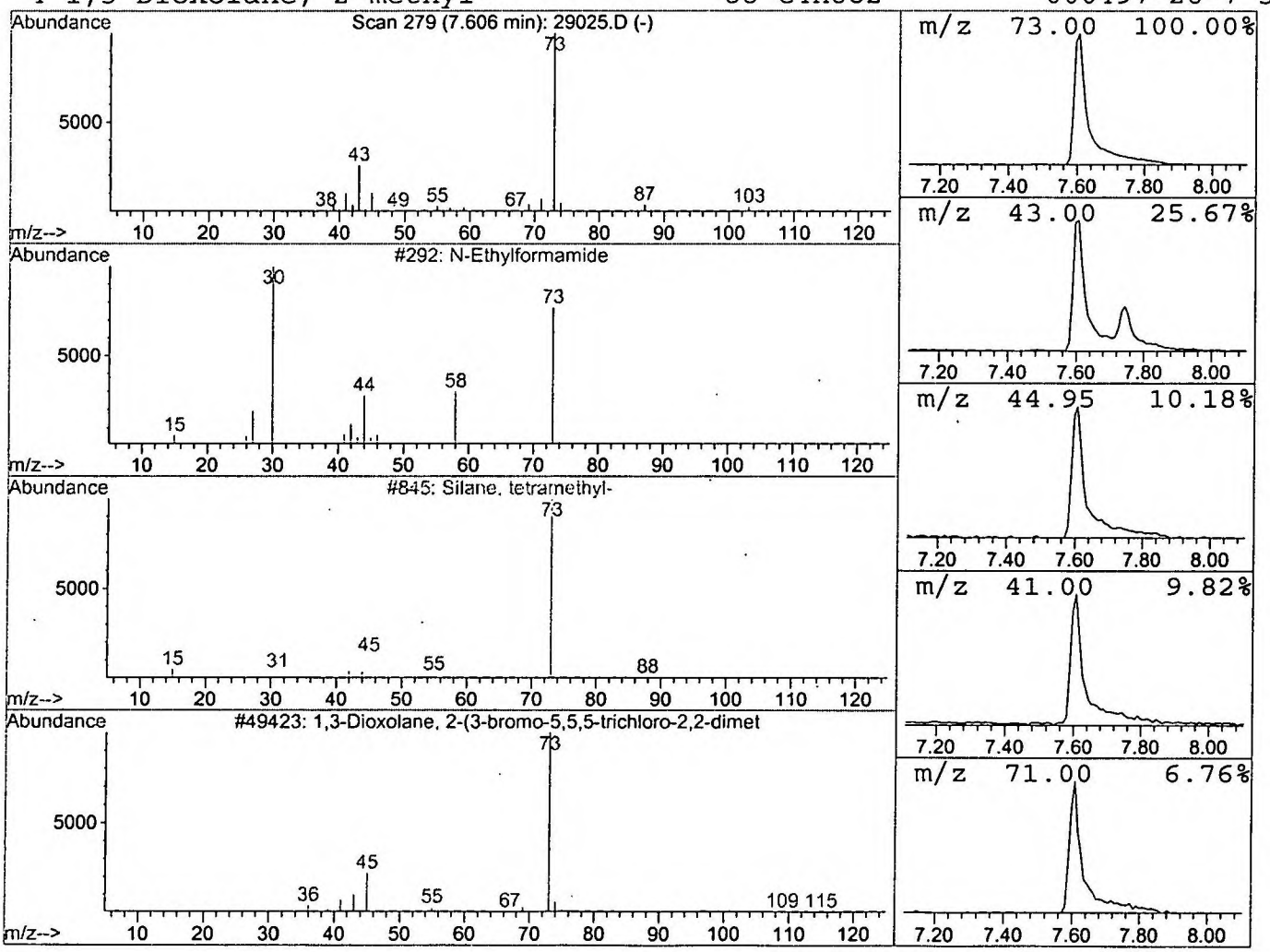
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.71 ug/l	735414	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\29025.D Vial: 29
Acq On : 11 Dec 2001 3:59 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

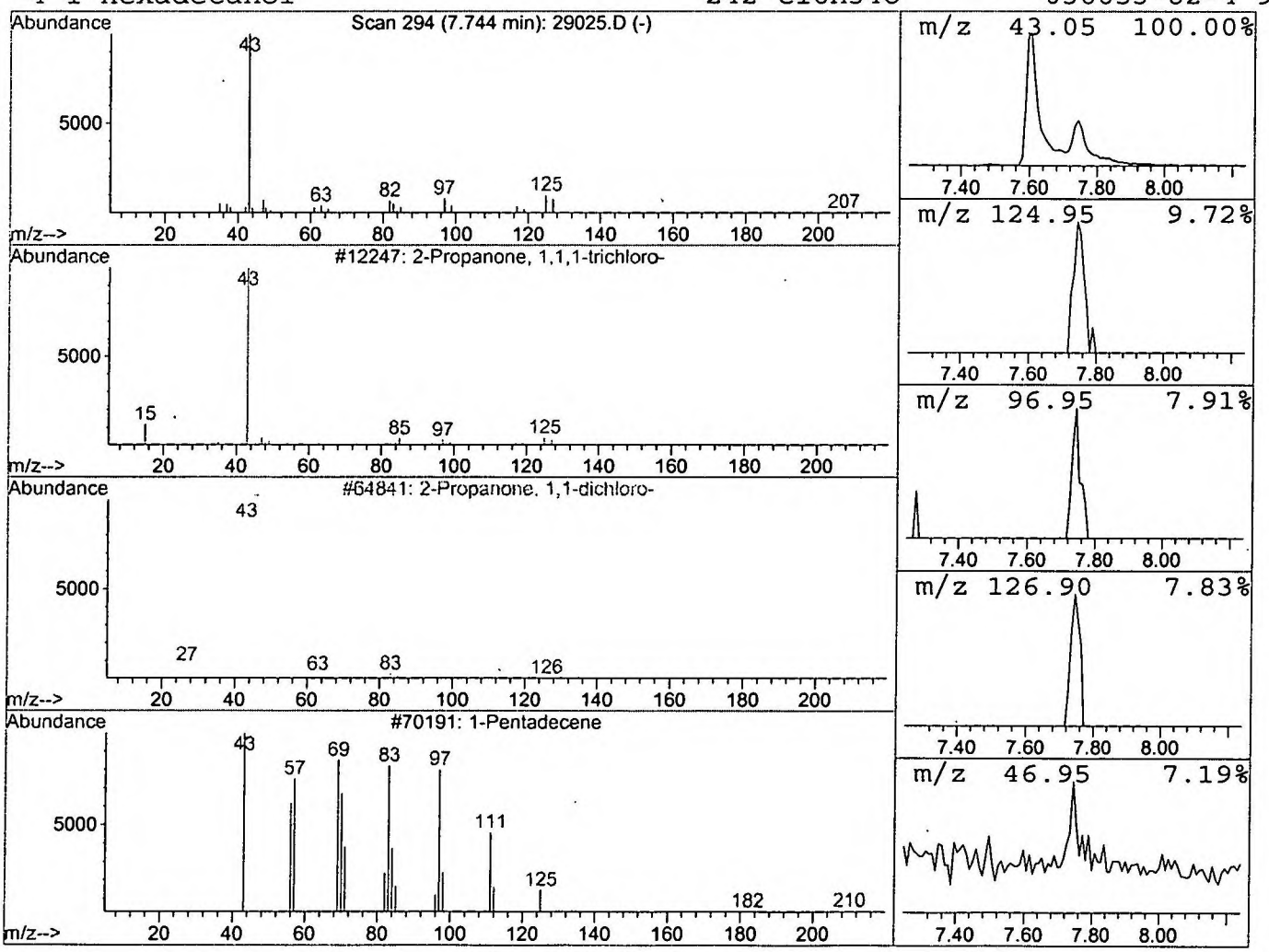
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.51 ug/l	136959	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	33
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	16
3	1-Pentadecene	210	C15H30	013360-61-7	9
4	1-Hexadecanol	242	C16H34O	036653-82-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29025.D
Acq On : 11 Dec 2001 3:59 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

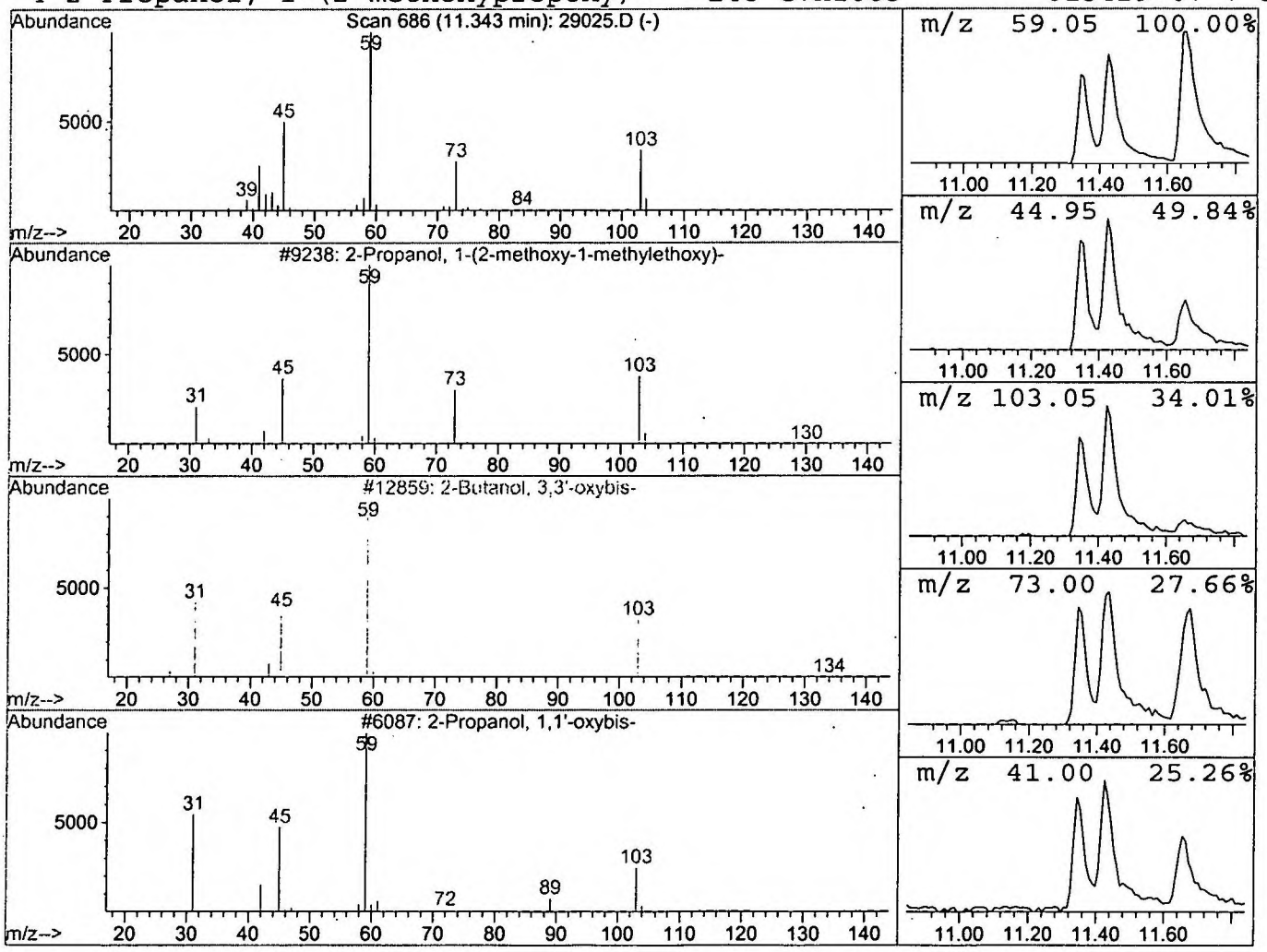
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.59 ug/l	160601	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	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29025.D Vial: 29
Acq On : 11 Dec 2001 3:59 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

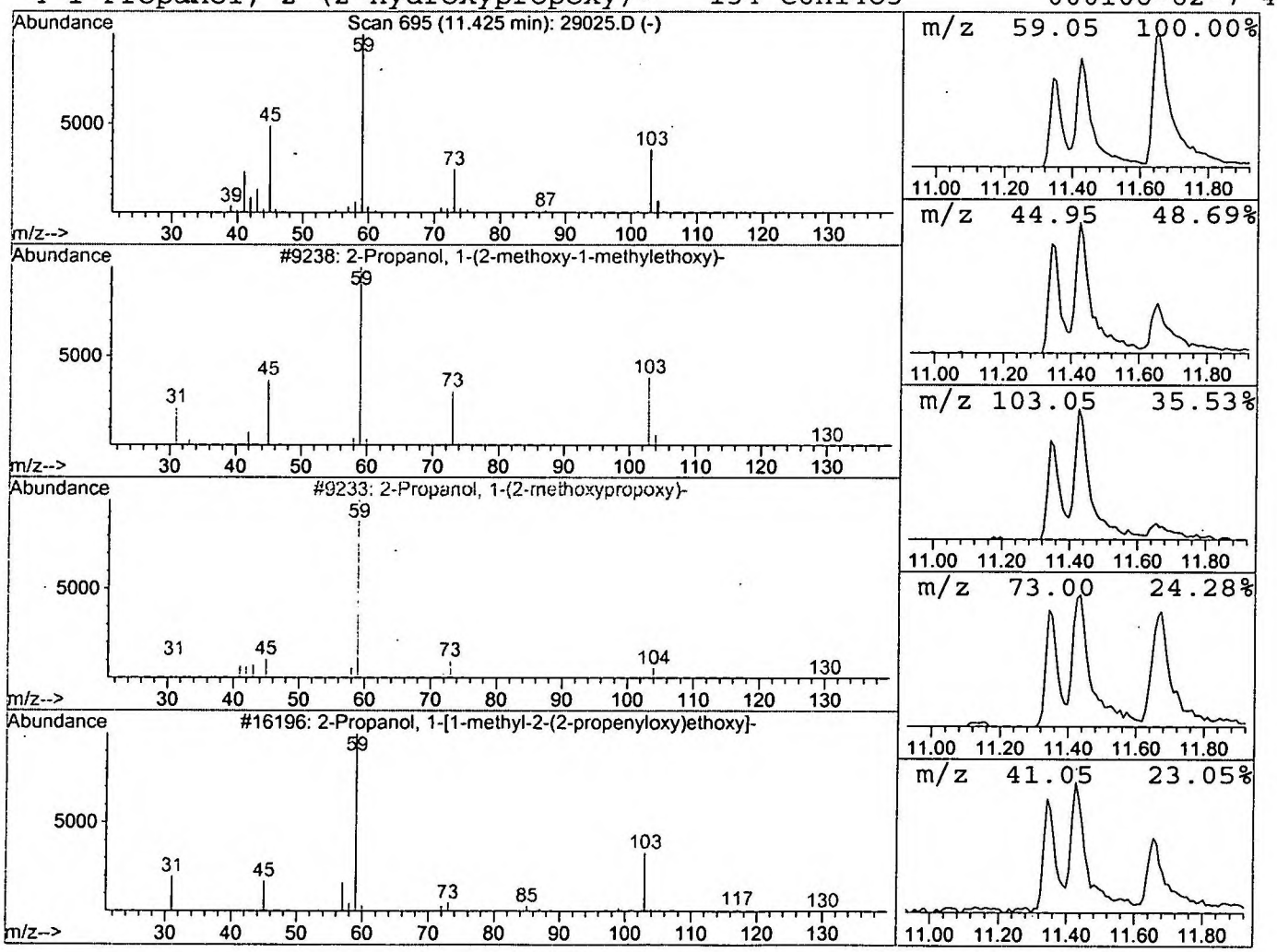
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.89 ug/l	241356	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-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47
3	2-Propanol, 1-[1-methyl-2-(2-propen	174	C9H18O3	055956-25-7	42
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 3:59 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29025.D
Name: gc/ms scan 11/30a
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	2.7	ug/l	735414	ISTD01	11.67	5417750	20.0
2-Propanone, 1,1,1-t	7.74	0.5	ug/l	136959	ISTD01	11.67	5417750	20.0
2-Propanol, 1-(2-met	11.34	0.6	ug/l	160601	ISTD01	11.67	5417750	20.0
2-Propanol, 1-(2-met	11.43	0.9	ug/l	241356	ISTD01	11.67	5417750	20.0

29025.D GCMS1126.M Wed Dec 12 15:45:36 2001