Comments for Sample AD29137 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:11:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 13:10:48

Sample: AD29137
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:10 Ended: 12/18/01 13:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		97		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29137.D Vial: 33
Acq On : 11 Dec 2001 7:54 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 15:34 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	983186	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3759160	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1857090	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2641785	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1654081	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1134083	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	152465	4.85	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	1091	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	12.99	77	182	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	2666	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	21.08	165	177	N.D.		
25) Diethylphthalate	22.07	149	871	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\29137.D Vial: 33
Acq On : 11 Dec 2001 7:54 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 15:34 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

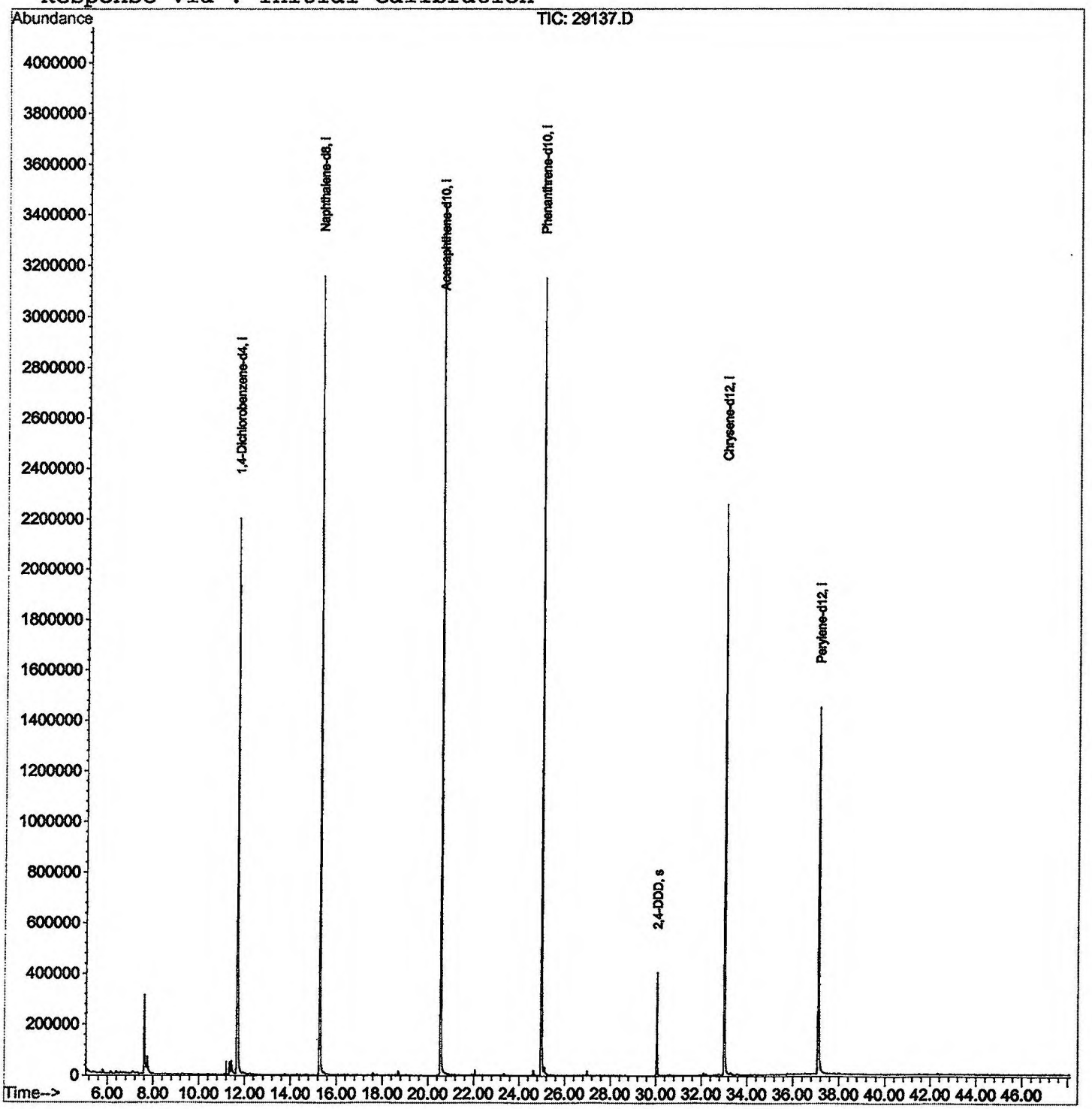
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	4367	N.D.	
34)	Anthracene	25.04	178	4367	N.D.	
35)	Di-n-butylphthalate	26.98	149	23858	N.D.	
36)	Fluoranthene	28.66	202	520	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	4057	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	5226	N.D.	
43)	Chrysene	33.01	228	4057	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	4539	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\29137.D Vial: 33
Acq On : 11 Dec 2001 7:54 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 15:34 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\29137.D Vial: 33
Acq On : 11 Dec 2001 7:54 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

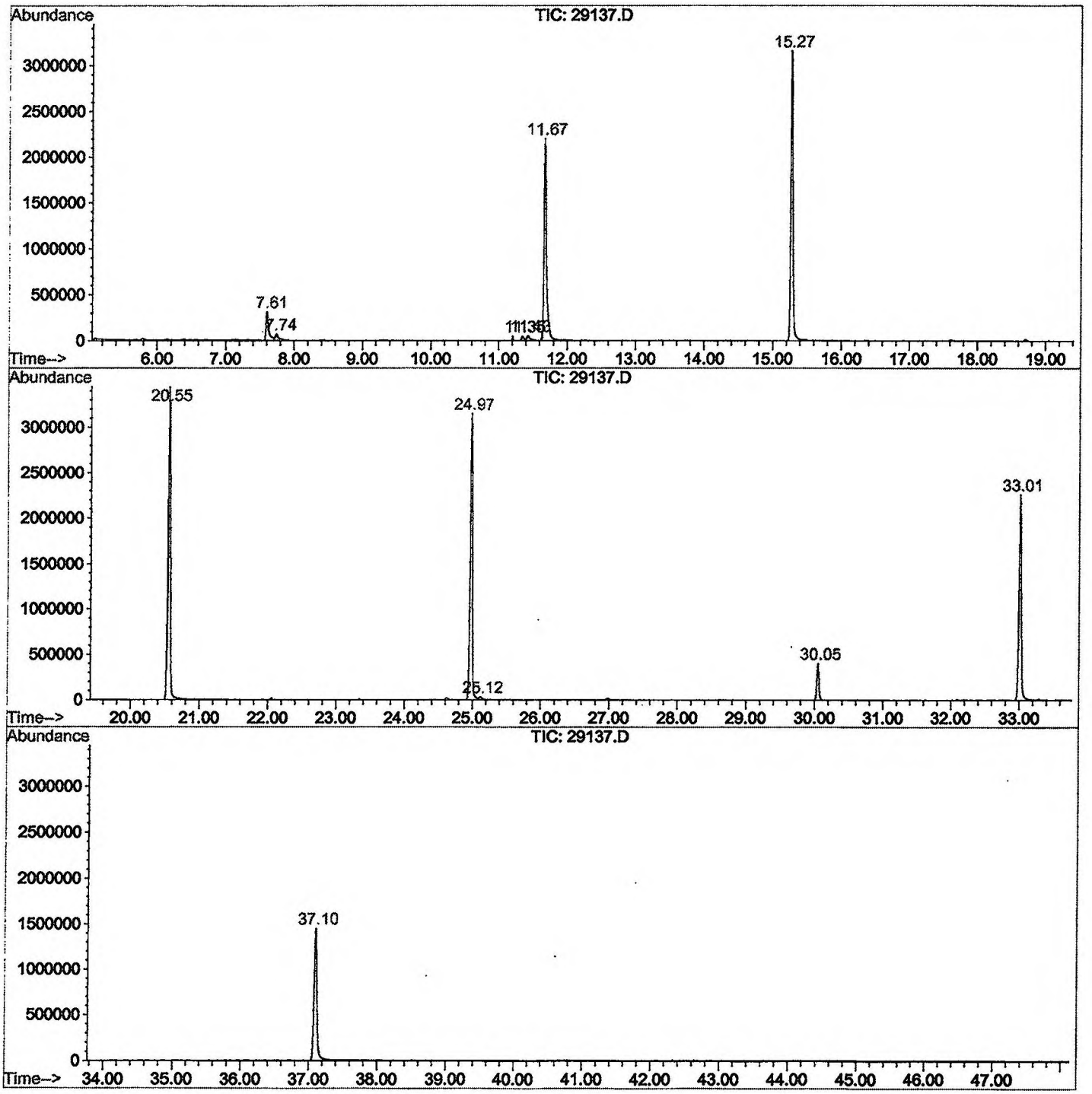
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.605	274	279	290	rBV	308991	812856	10.69%	2.088%
2	7.743	290	294	309	rVB	66162	210813	2.77%	0.542%
3	11.351	683	687	692	rBV	49165	115236	1.52%	0.296%
4	11.433	692	696	716	rVB	52463	178802	2.35%	0.459%
5	11.672	716	722	746	rBV	2198640	5554633	73.07%	14.271%
6	15.271	1109	1114	1129	rBV	3156804	7077792	93.11%	18.184%
7	20.549	1683	1689	1707	rBV	3445428	7601800	100.00%	19.530%
8	24.974	2164	2171	2183	rBV2	3149221	7065315	92.94%	18.152%
9	25.121	2183	2187	2196	rVB	27701	86152	1.13%	0.221%
10	30.051	2718	2724	2734	rBV	403523	828054	10.89%	2.127%
11	33.007	3039	3046	3063	rBV2	2255376	5211514	68.56%	13.389%
12	37.102	3484	3492	3515	rBV2	1445364	4179857	54.99%	10.739%

Sum of corrected areas: 38922824

29137.D GCMS1126.M Wed Dec 12 15:54:11 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29137.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 7:54 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 33
Quant File :GCMS1126.RES (RTE Integrator)



29137.D GCMS1126.M Wed Dec 12 15:54:17 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29137.D
Acq On : 11 Dec 2001 7:54 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

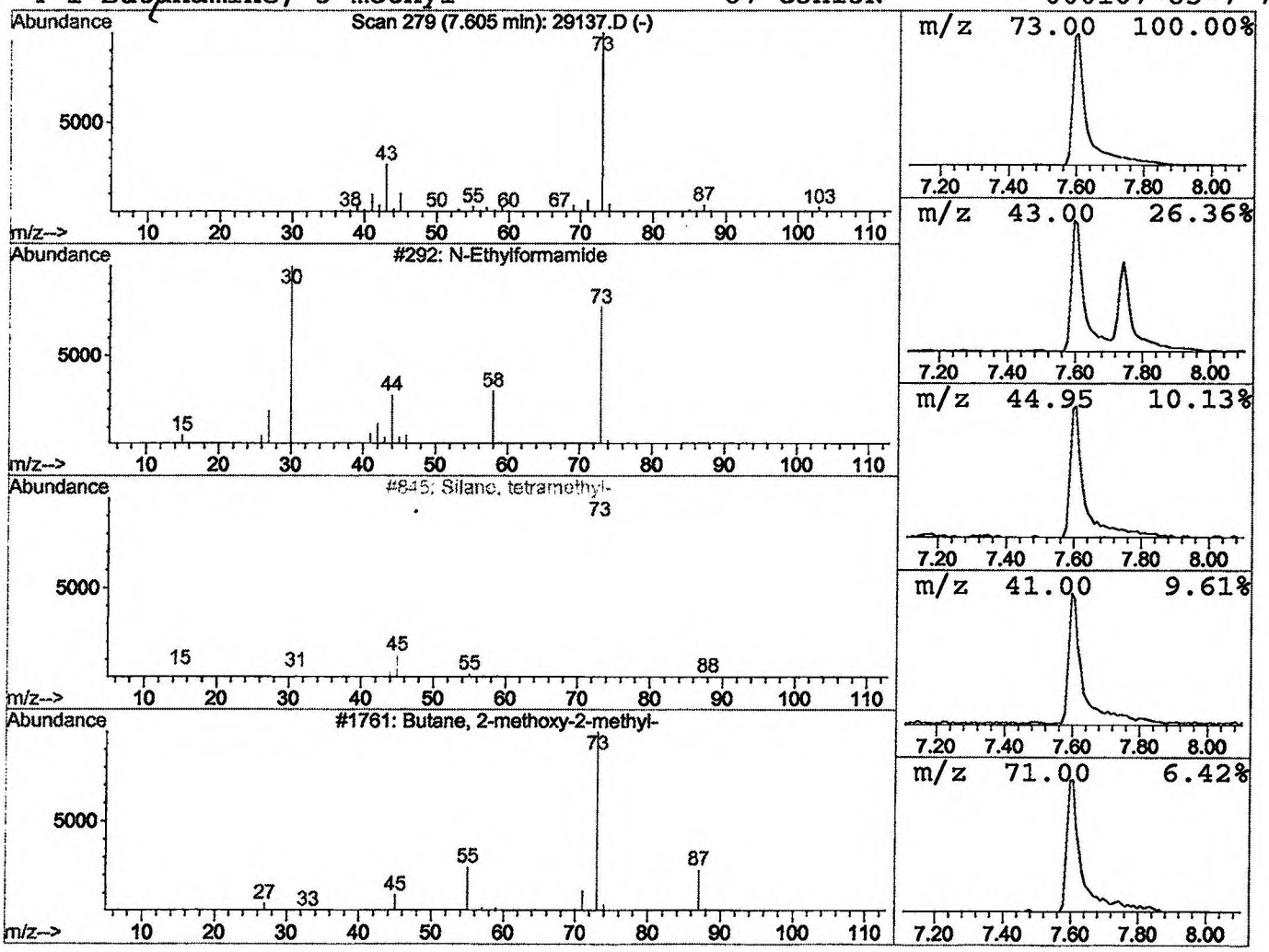
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.93 ug/l	812856	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29137.D Vial: 33
Acq On : 11 Dec 2001 7:54 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

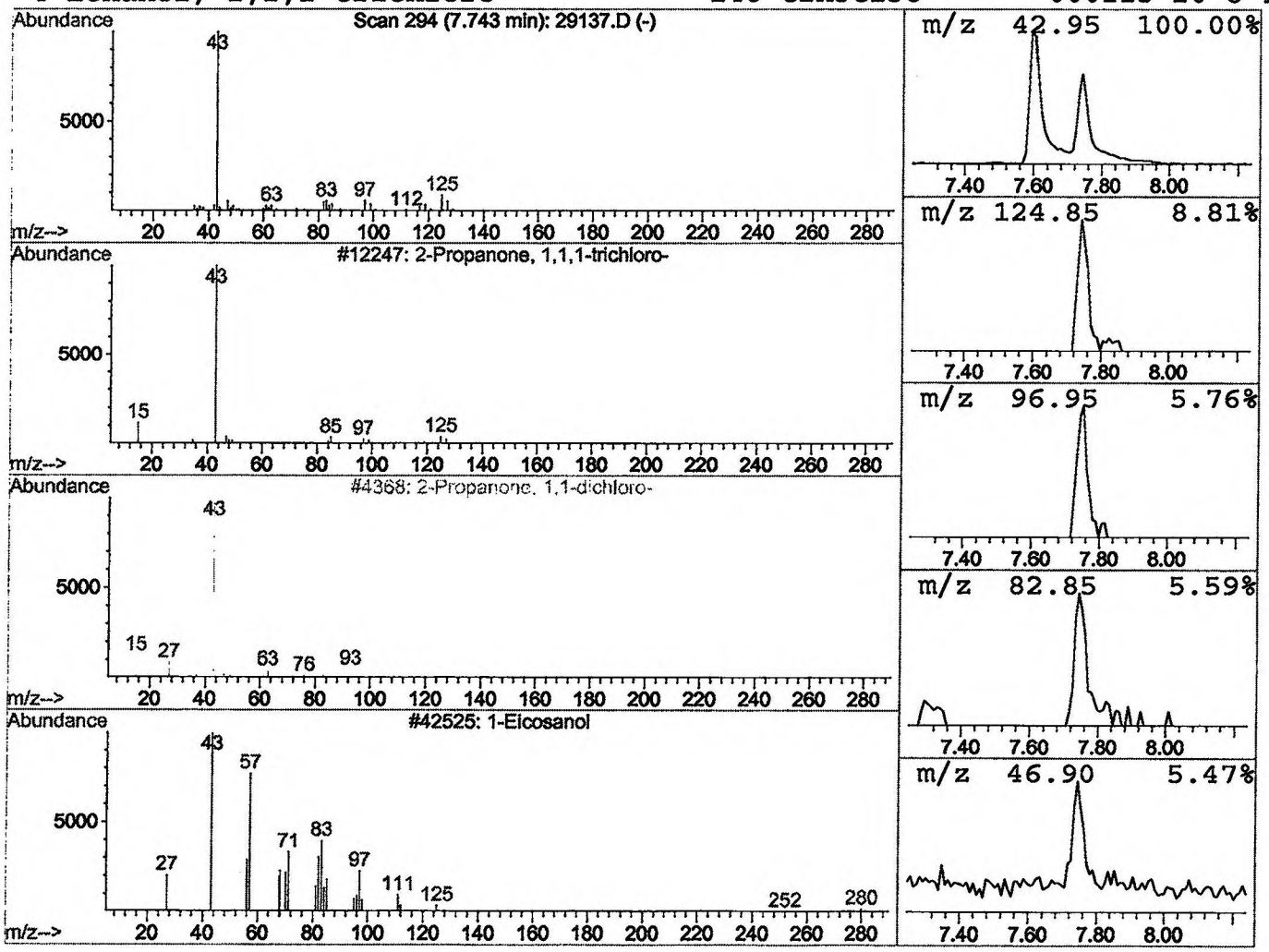
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.76 ug/l	210813	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	72
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	10
3	1-Eicosanol	298	C20H42O	000629-96-9	9
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29137.D
Acq On : 11 Dec 2001 7:54 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 33
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

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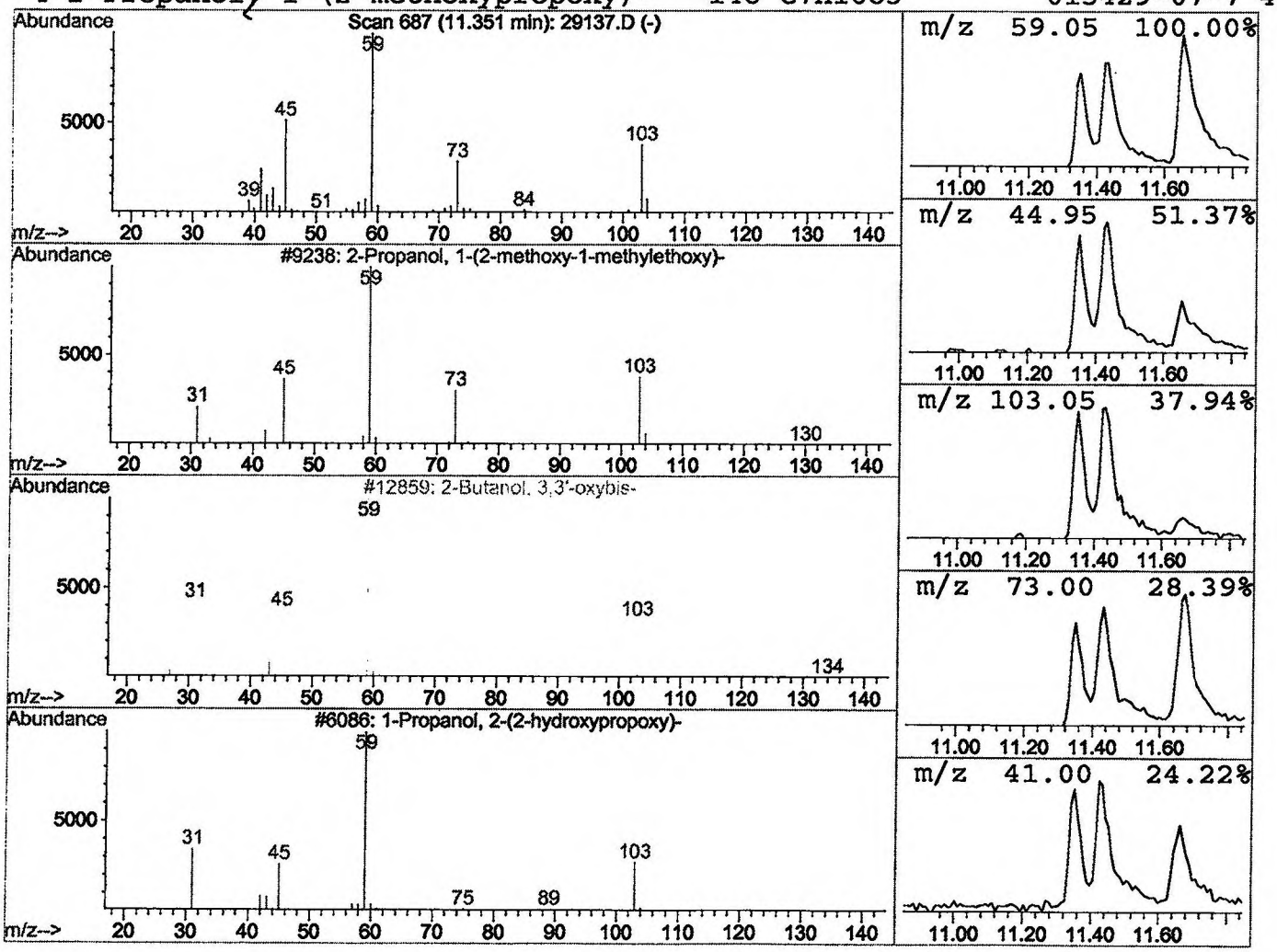
Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.41 ug/l	115236	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	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29137.D
Acq On : 11 Dec 2001 7:54 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

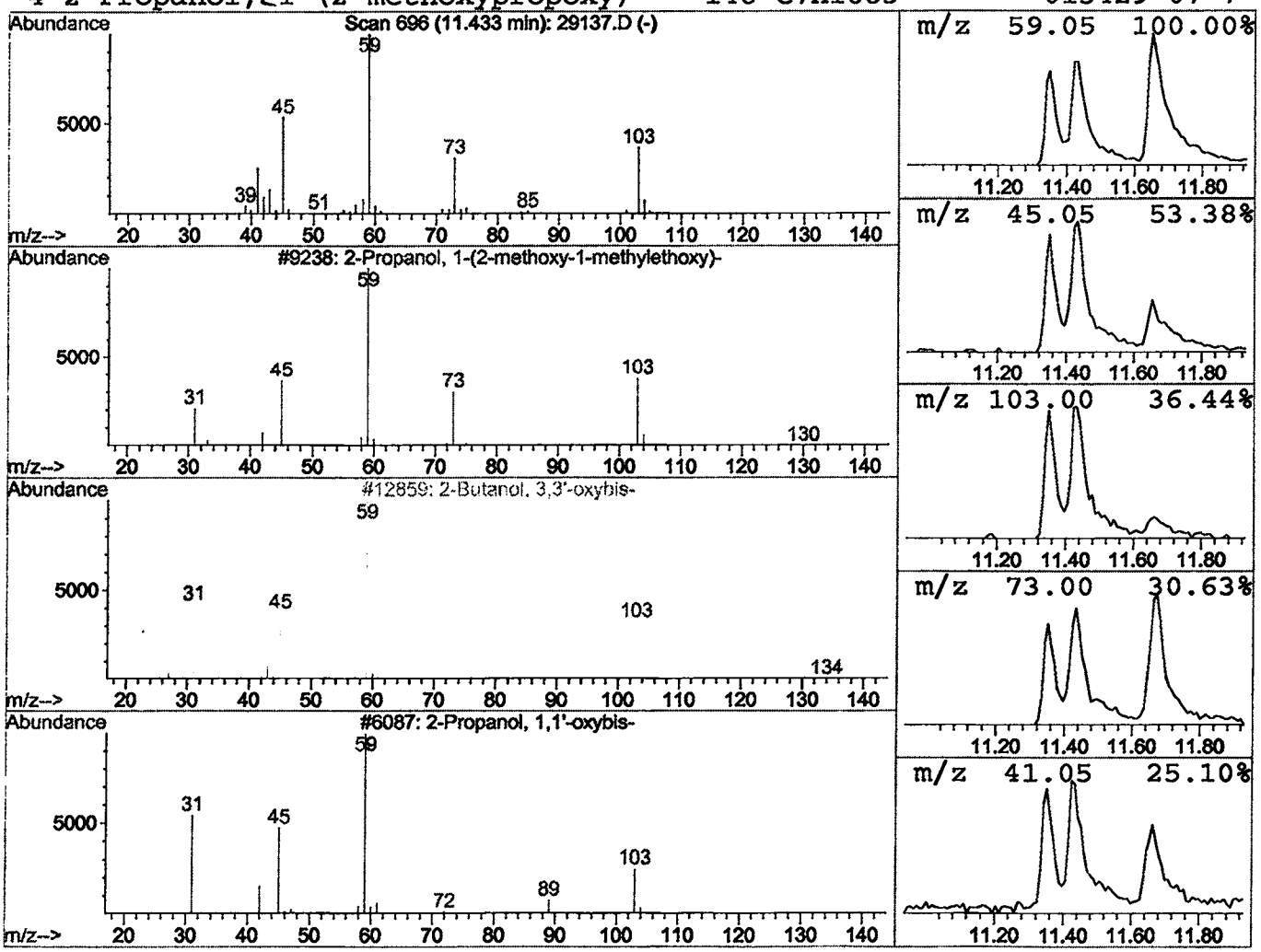
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.64 ug/l	178802	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	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 7:54 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29137.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	2.9	ug/l	812856	ISTD01	11.67	5554630	20.0
2-Propanone, 1,1,1-t	7.74	0.8	ug/l	210813	ISTD01	11.67	5554630	20.0
2-Propanol, 1-(2-met	11.35	0.4	ug/l	115236	ISTD01	11.67	5554630	20.0
2-Propanol, 1-(2-met	11.43	0.6	ug/l	178802	ISTD01	11.67	5554630	20.0

29137.D GCMS1126.M Wed Dec 12 15:54:40 2001