Comments for Sample AD29138 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:21:41

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: 13:20:43

Sample: AD29138
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:11 Ended: 12/18/01 13:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29138.D Vial: 38
Acq On : 12 Dec 2001 12:45 am 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 15:35 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	11.68	152	1016280	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3899146	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1963008	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2802615	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1876623	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1292085	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	182414	5.47	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 109.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	187	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	13.32	77	188	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	1476	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	302	N.D.		
25) Diethylphthalate	22.07	149	858	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\29138.D Vial: 38
Acq On : 12 Dec 2001 12:45 am 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 15:35 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	712	N.D.	
34)	Anthracene	25.04	178	712	N.D.	
35)	Di-n-butylphthalate	26.99	149	33144	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	238	N.D.	
41)	Benzo(a)anthracene	33.01	228	4439	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	20929	N.D.	
43)	Chrysene	33.01	228	4439	N.D.	
45)	Di-n-Octylphthalate	35.10	149	374	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	4676	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.	

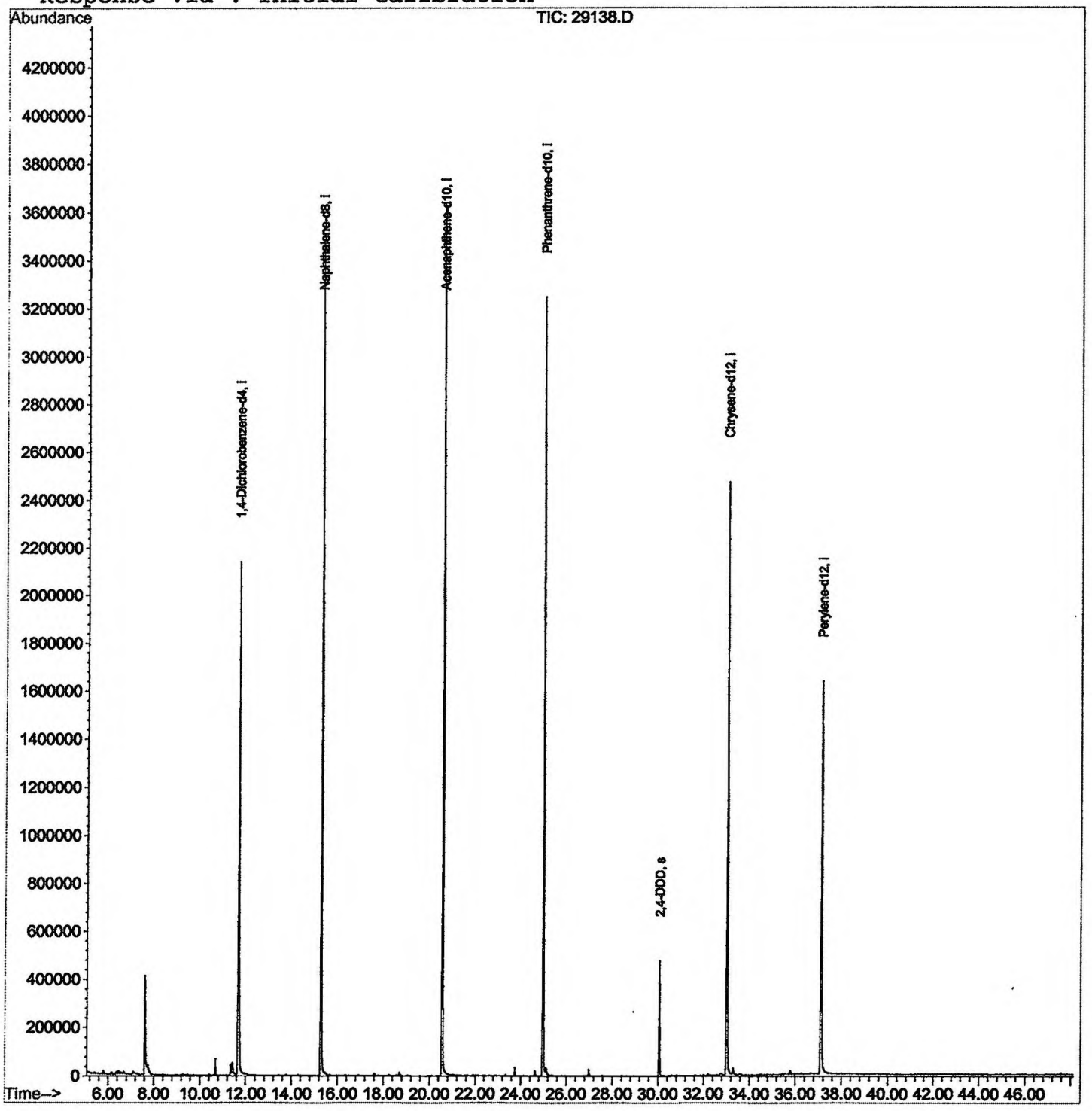
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29138.D
Acq On : 12 Dec 2001 12:45 am
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:35 2001

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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\29138.D Vial: 38
Acq On : 12 Dec 2001 12:45 am 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

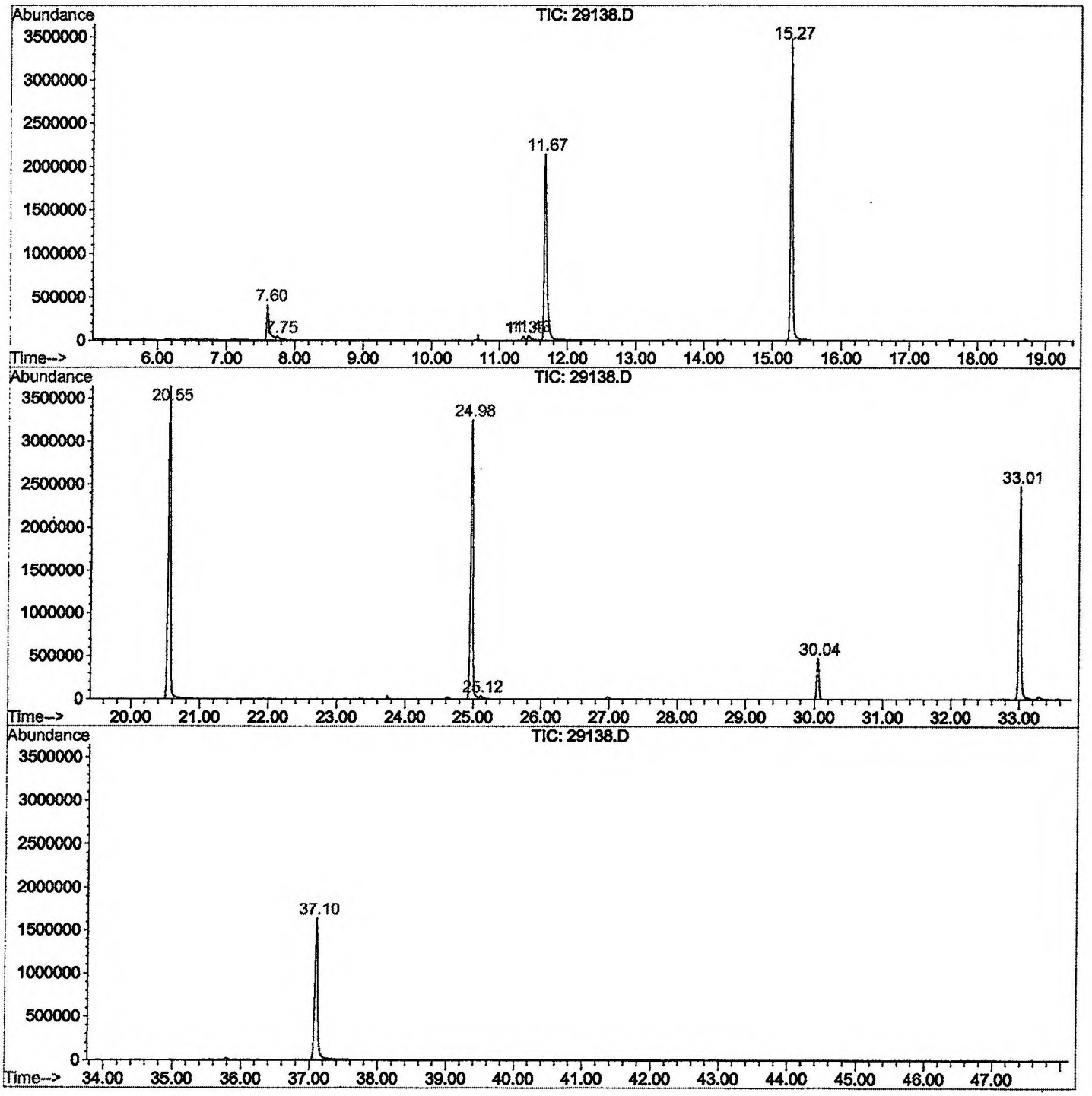
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	291	rBV	410032	1064792	13.21%	2.541%
2	7.746	291	294	315	rVB	42218	173081	2.15%	0.413%
3	11.354	682	687	692	rBV	45042	111208	1.38%	0.265%
4	11.427	692	695	710	rVB	50054	159853	1.98%	0.381%
5	11.666	716	721	746	rBV	2139783	5735176	71.15%	13.687%
6	15.274	1108	1114	1132	rBV	3470267	7378633	91.54%	17.609%
7	20.552	1683	1689	1716	rBV	3640566	8060818	100.00%	19.237%
8	24.977	2164	2171	2182	rBV2	3247152	7471873	92.69%	17.831%
9	25.115	2183	2186	2195	rVB	30157	86482	1.07%	0.206%
10	30.045	2718	2723	2732	rBV	476532	1012861	12.57%	2.417%
11	33.010	3039	3046	3061	rBV2	2473273	5880772	72.96%	14.034%
12	37.105	3483	3492	3515	rBV2	1631893	4767251	59.14%	11.377%

Sum of corrected areas: 41902800

29138.D GCMS1126.M Wed Dec 12 15:55:25 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29138.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 12:45 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 38
Quant File :GCMS1126.RES (RTE Integrator)



29138.D GCMS1126.M Wed Dec 12 15:55:30 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29138.D Vial: 38
Acq On : 12 Dec 2001 12:45 am Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

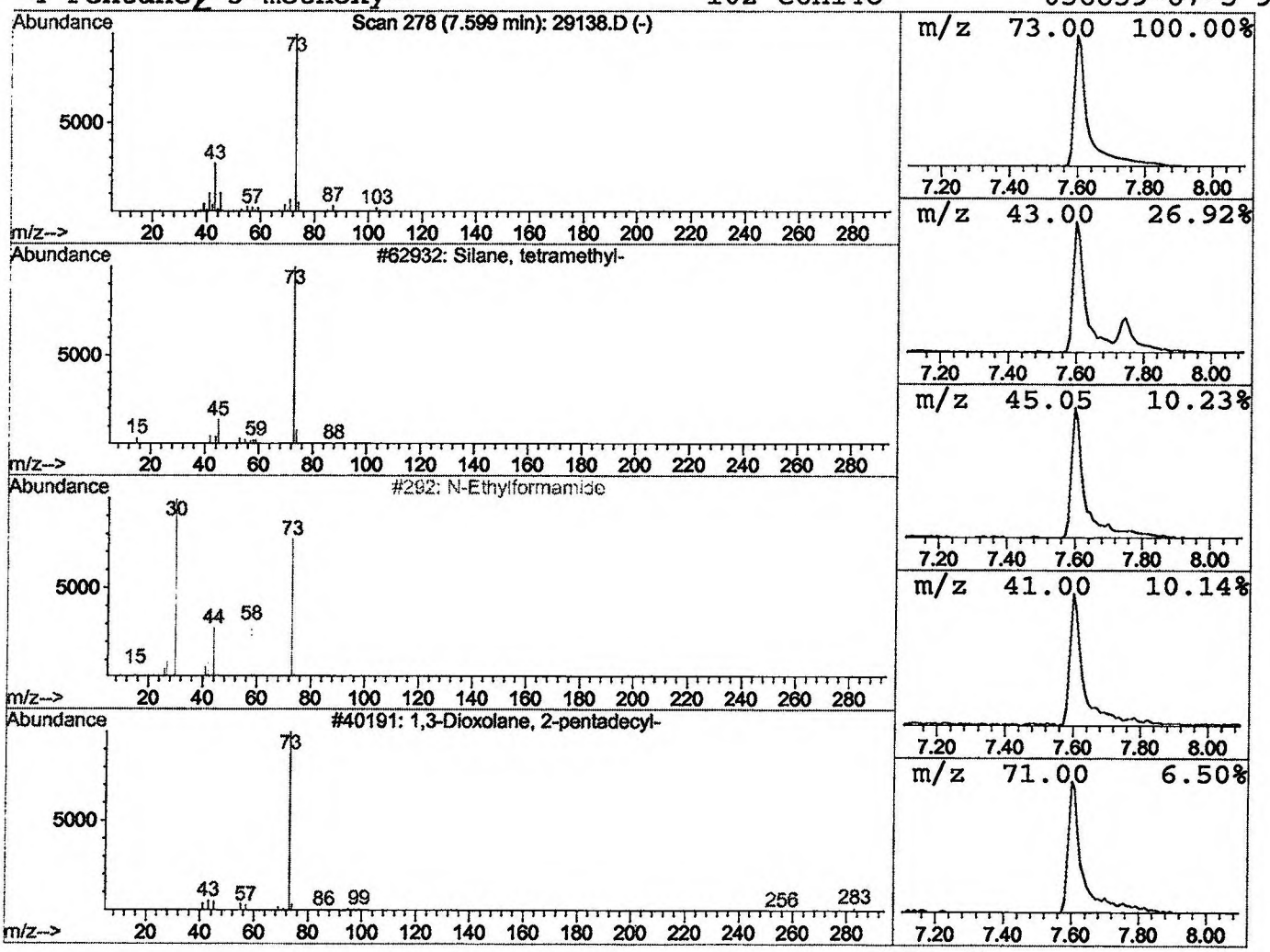
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.71 ug/l	1064790	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29138.D
Acq On : 12 Dec 2001 12:45 am
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 38
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

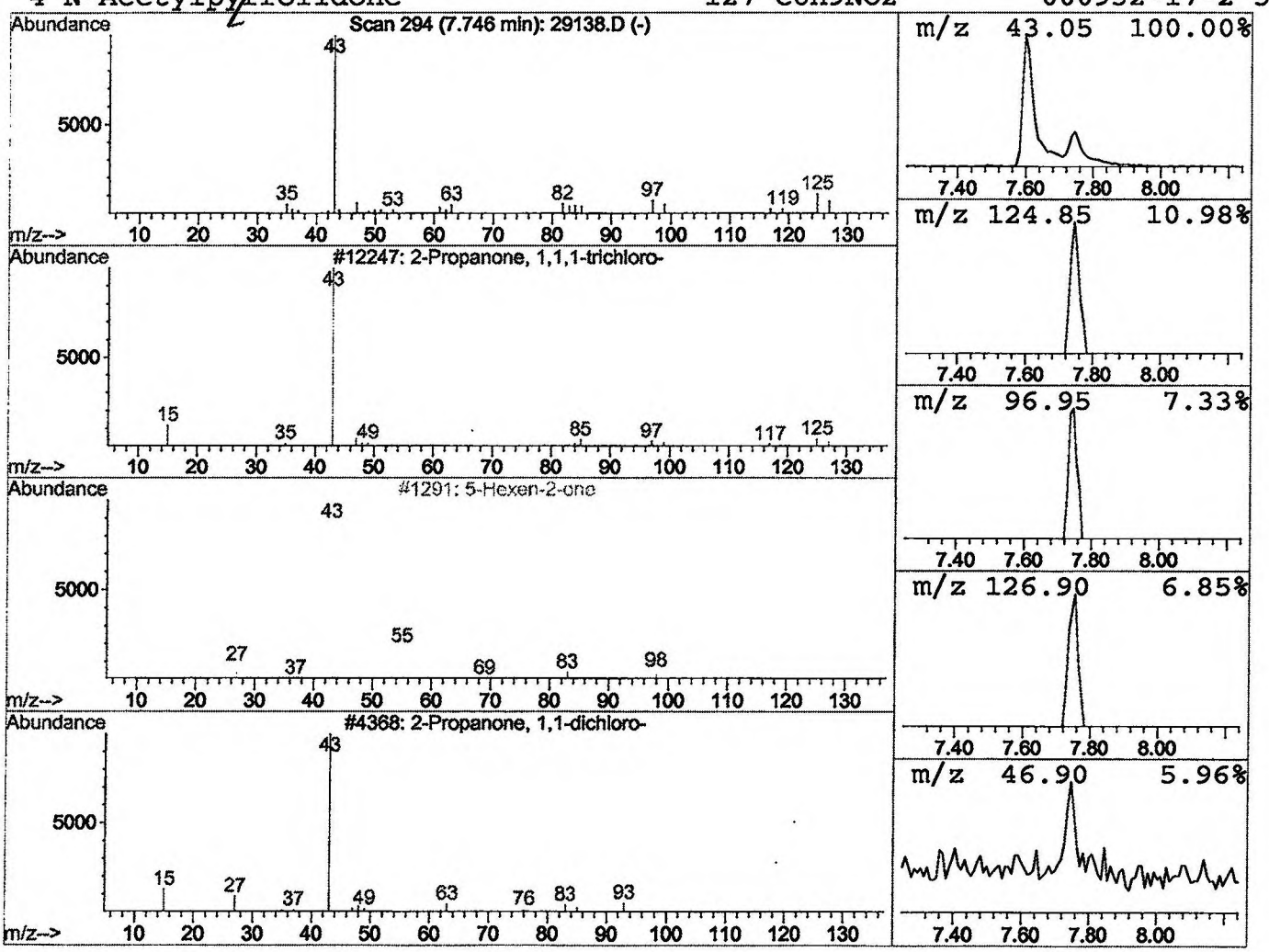
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.60 ug/l	173081	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29138.D Vial: 38
Acq On : 12 Dec 2001 12:45 am Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

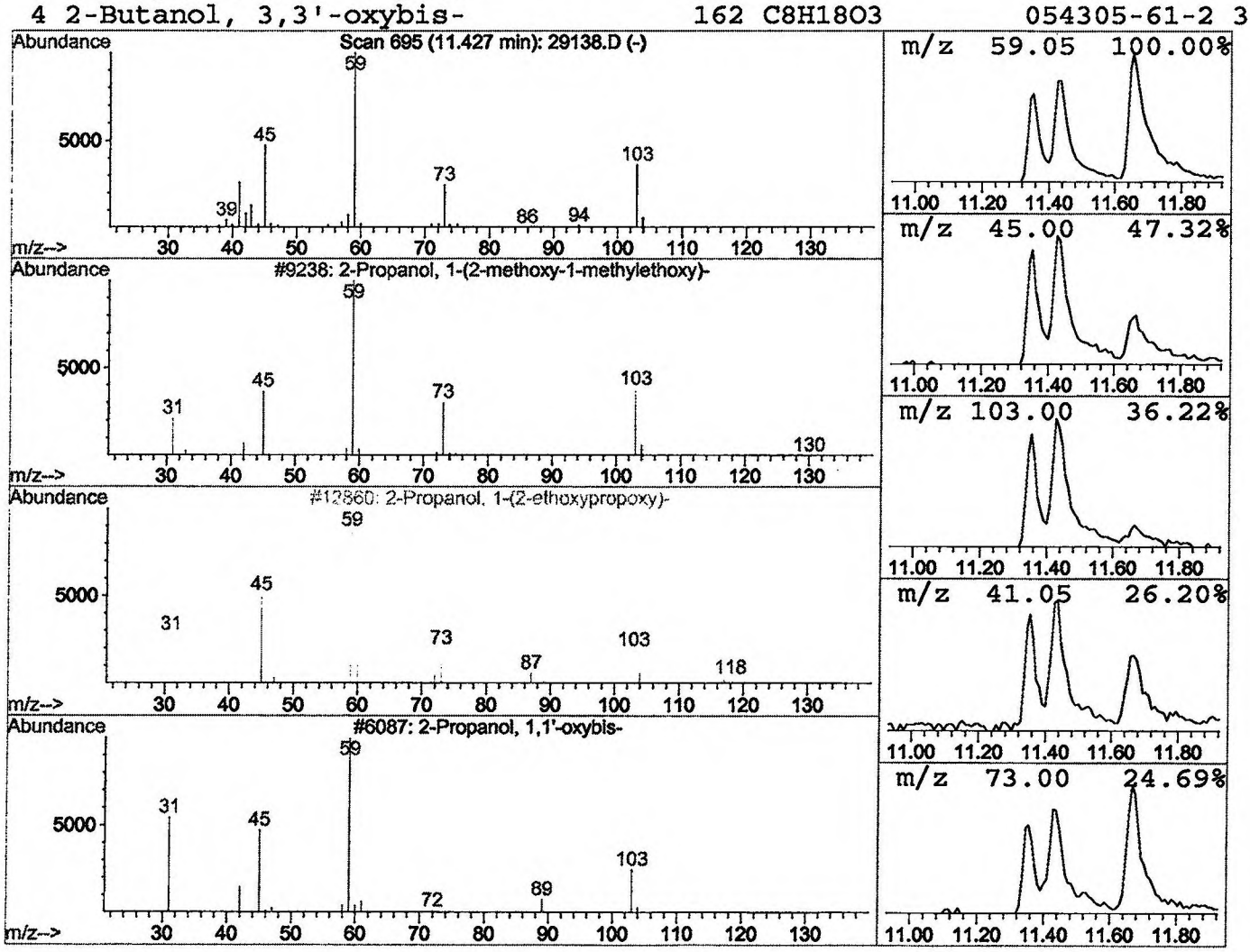
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.56 ug/l	159853	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	40
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 12:45 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29138.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
Silane, tetramethyl-	7.60	3.7	ug/l	1064790	ISTD01	11.68	5735180	20.0
2-Propanone, 1,1,1-t	7.75	0.6	ug/l	173081	ISTD01	11.68	5735180	20.0
2-Propanol, 1-(2-met	11.43	0.6	ug/l	159853	ISTD01	11.68	5735180	20.0

29138.D GCMS1126.M Wed Dec 12 15:55:49 2001