Comments for Sample AD29029 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:09:56

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: 13:09:35

Sample: AD29029
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:08 Ended: 12/18/01 13:08 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\29029.D Vial: 34
Acq On : 11 Dec 2001 8:52 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 15:32 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	1009373	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3830728	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1934942	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2783924	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1835306	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1268674	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	160103	4.83	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 96.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.29	74	308	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	0.00	77	0	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	1246	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	21.13	165	204	N.D.		
25) Diethylphthalate	22.09	149	927	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\29029.D Vial: 34
Acq On : 11 Dec 2001 8:52 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 15:32 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

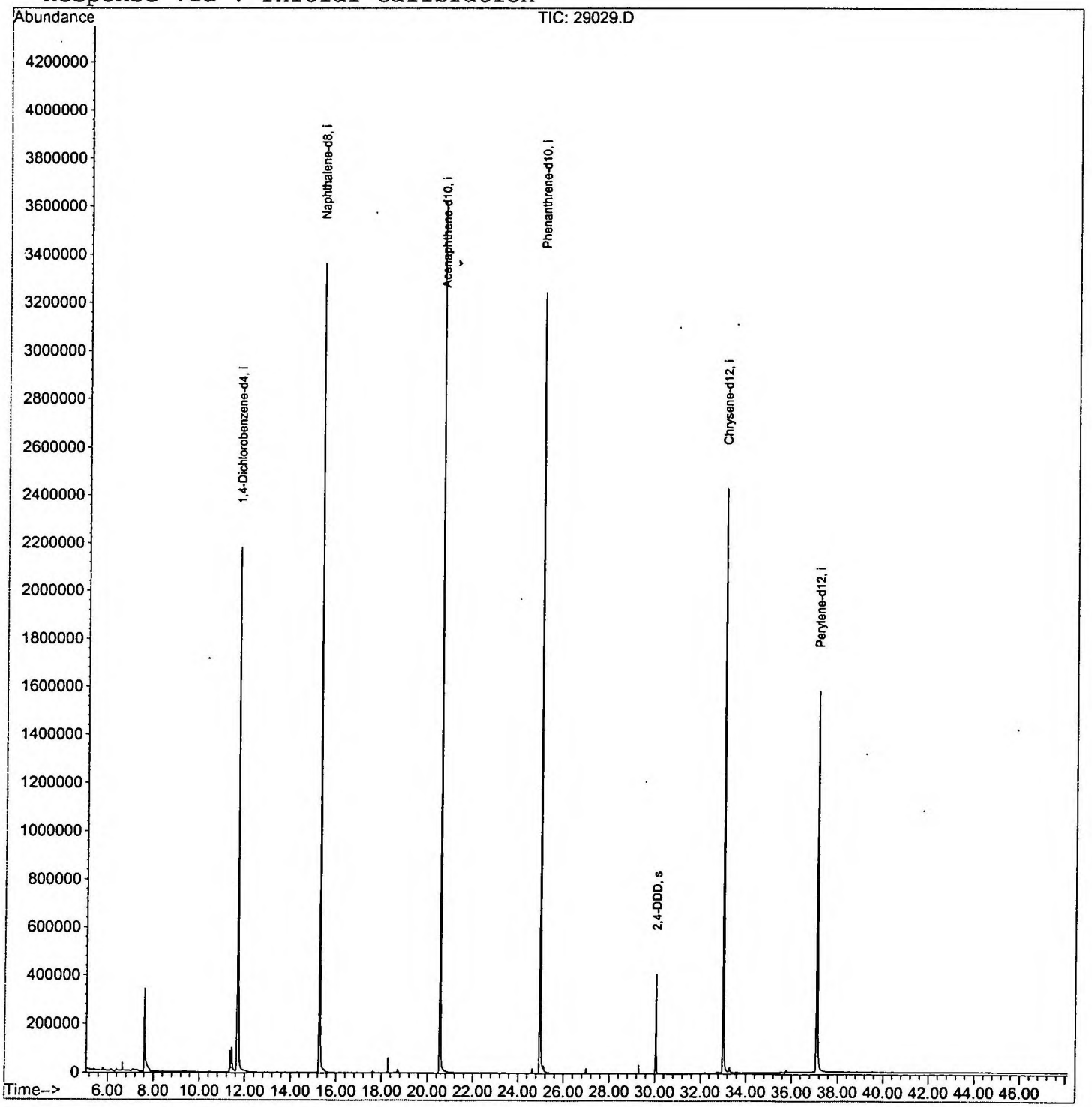
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	1116	N.D.	
34)	Anthracene	24.98	178	1116	N.D.	
35)	Di-n-butylphthalate	26.99	149	30330	N.D.	
36)	Fluoranthene	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	4405	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	15830	N.D.	
43)	Chrysene	33.01	228	4405	N.D.	
45)	Di-n-Octylphthalate	35.04	149	179	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	5104	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\29029.D Vial: 34
Acq On : 11 Dec 2001 8:52 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 15:32 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\29029.D Vial: 34
Acq On : 11 Dec 2001 8:52 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

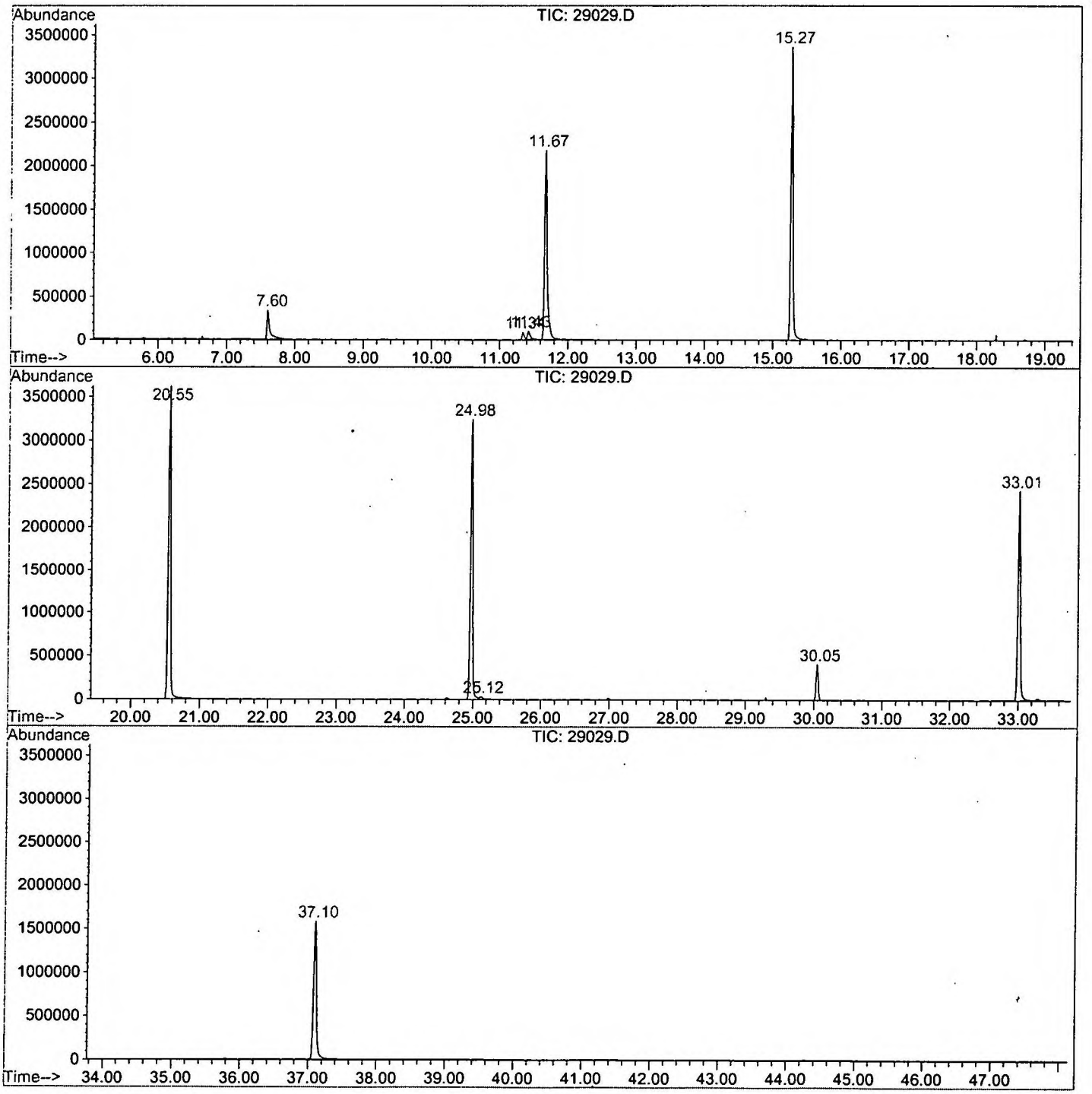
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	312	rBV	338341	1043937	13.18%	2.533%
2	11.344	682	686	691	rBV	87969	191745	2.42%	0.465%
3	11.427	691	695	705	rVB	95393	246781	3.12%	0.599%
4	11.675	715	722	747	rBV	2175877	5823371	73.52%	14.131%
5	15.274	1108	1114	1133	rBV	3362496	7270504	91.80%	17.643%
6	20.552	1683	1689	1712	rBV	3621762	7920296	100.00%	19.219%
7	24.977	2164	2171	2183	rBV2	3242953	7371696	93.07%	17.888%
8	25.124	2183	2187	2194	rVB2	25606	79746	1.01%	0.194%
9	30.054	2718	2724	2734	rBV	407340	871136	11.00%	2.114%
10	33.010	3039	3046	3067	rBV2	2428076	5750934	72.61%	13.955%
11	37.104	3483	3492	3515	rBV2	1576958	4639630	58.58%	11.259%

Sum of corrected areas: 41209776

29029.D GCMS1126.M Wed Dec 12 15:50:19 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29029.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 8:52 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 34
Quant File :GCMS1126.RES (RTE Integrator)



29029.D GCMS1126.M Wed Dec 12 15:50:25 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29029.D
Acq On : 11 Dec 2001 8:52 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

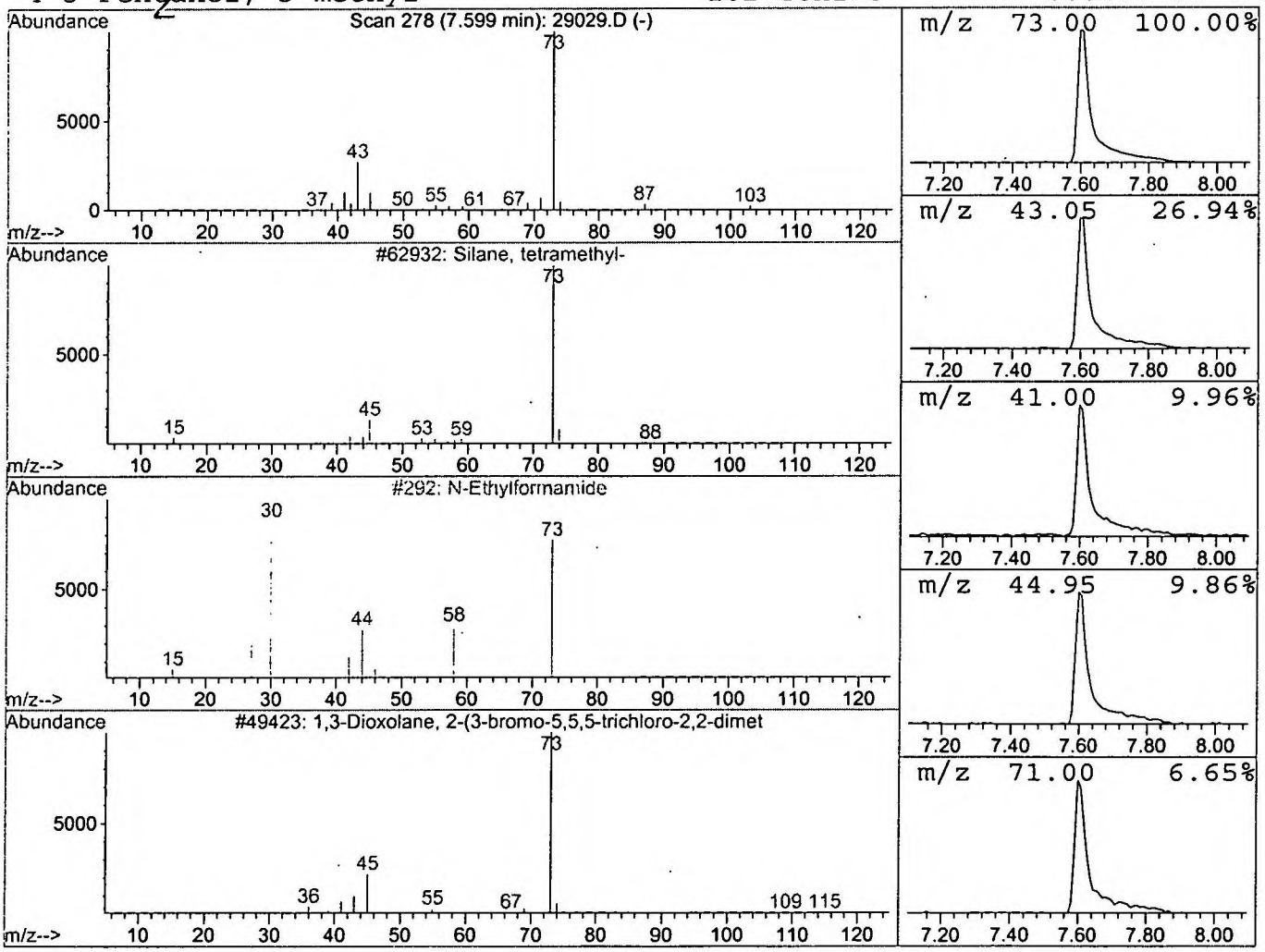
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.59 ug/l	1043940	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29029.D
Acq On : 11 Dec 2001 8:52 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

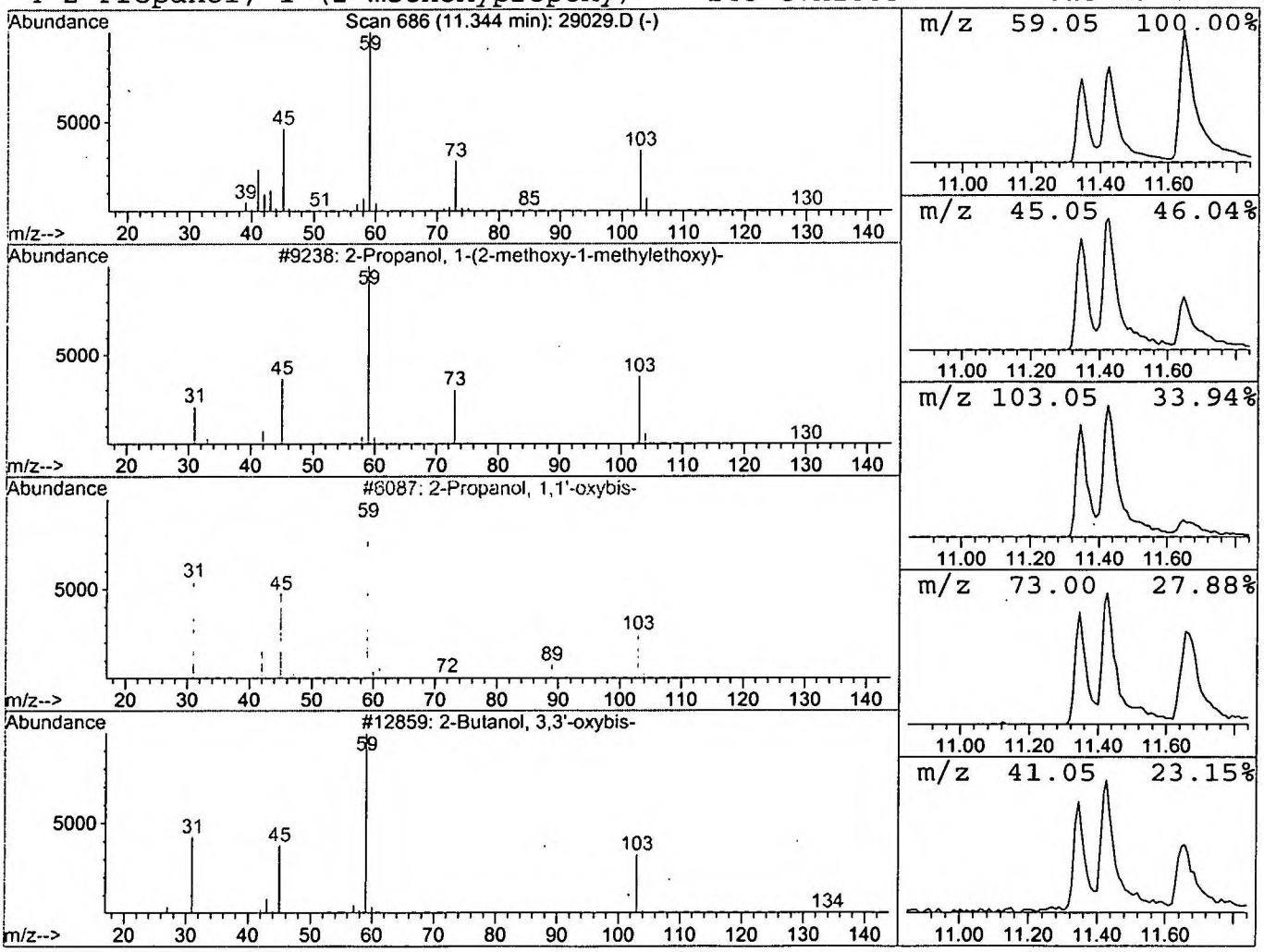
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.66 ug/l	191745	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	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29029.D
Acq On : 11 Dec 2001 8:52 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

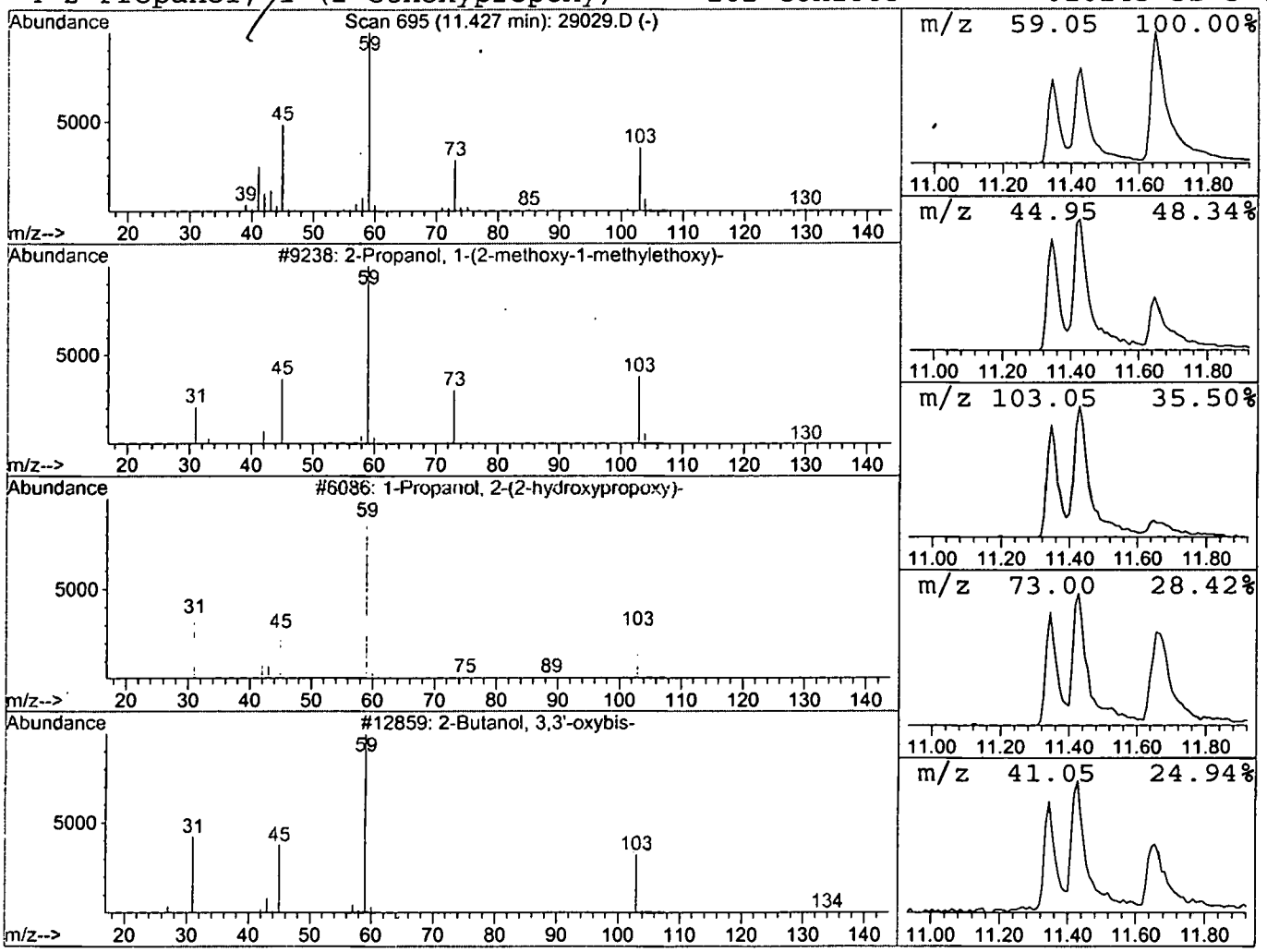
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.85 ug/l	246781	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	45
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	42
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 8:52 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29029.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	3.6	ug/l	1043940	ISTD01	11.67	5823370	20.0
2-Propanol, 1-(2-met	11.34	0.7	ug/l	191745	ISTD01	11.67	5823370	20.0
2-Propanol, 1-(2-met	11.43	0.8	ug/l	246781	ISTD01	11.67	5823370	20.0

29029.D GCMS1126.M Wed Dec 12 15:50:43 2001