User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:49:54

Sample: AD29668
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:48 Ended: 1/28/02 11:48 Analyst: DLV
Page: 1

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

Comments for Sample AD29668 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:25:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was analyzed twice. The recoveries for 9 of the 43 compounds in the LCS
Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\29668.D Vial: 65
Acq On : 3 Jan 2002 4:57 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P re-analysis
Quant Time: Jan 16 14:38 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 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	1259281	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	5113822	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2599785	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	3793534m	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	2482333m	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	1422950m	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	179540	4.30	ug/mL	0.00
Spiked Amount 5.000			Recovery =	86.00%		
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	13.31	77	201	N.D.		
12) Isophorone	14.31	82	1360	N.D.		
13) bis(2-Chloroethoxy)methane	14.31	93	887	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.34	128	1692	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	20.28	163	6437	N.D.		
21) 2,6-Dinitrotoluene	20.28	165	3181	N.D.		
22) Acenaphthylene	20.29	152	1283	N.D.		
23) Acenaphthene	20.58	153	113	N.D.		
24) 2,4-Dinitrotoluene	21.36	165	368	N.D.		
25) Diethylphthalate	22.11	149	3168	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\DEC3101\29668.D Vial: 65
Acq On : 3 Jan 2002 4:57 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 16 14:38 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

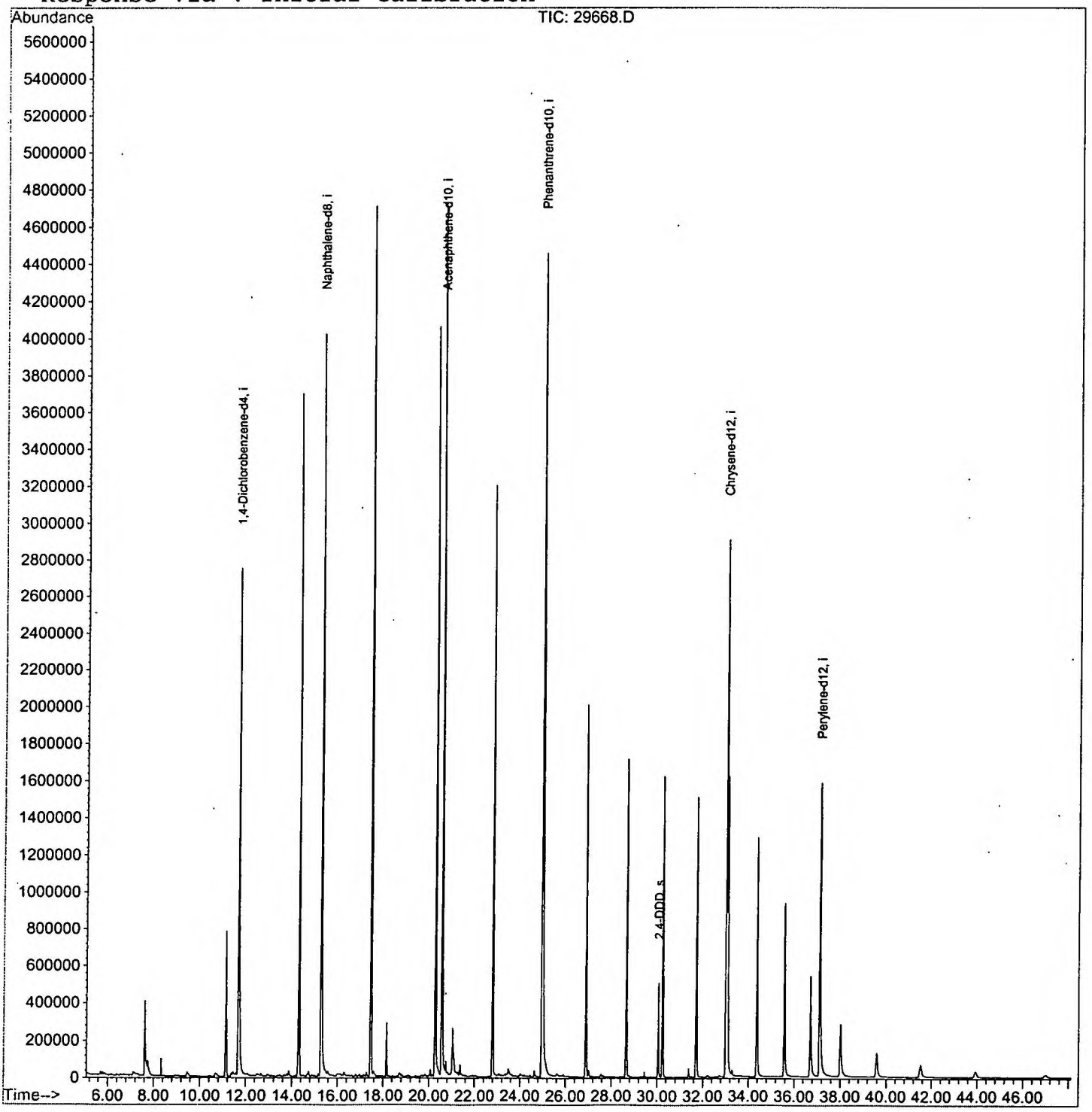
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D. d	
32)	Hexachlorobenzene	0.00	284	0	N.D. d	
33)	Phenanthrene	0.00	178	0	N.D. d	
34)	Anthracene	0.00	178	0	N.D. d	
35)	Di-n-butylphthalate	0.00	149	0	N.D. d	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D. d	
41)	Benzo(a)anthracene	0.00	228	0	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D. d	
43)	Chrysene	0.00	228	0	N.D.	
45)	Di-n-Octylphthalate	35.04	149	1355	N.D.	
46)	Benzo(b)fluoranthene	35.57	252	645	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.11	252	6076	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\DEC3101\29668.D Vial: 65
Acq On : 3 Jan 2002 4:57 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 16 14:38 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29668.D
Acq On : 14 Dec 2001 5:24 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:06 2001

Original analysis

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	1190102	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4646717	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2274333	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	3329525	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	2164813	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1532216	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	163871	3.40	ug/mL	-0.02
Spiked Amount 5.000			Recovery =	68.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.27	74	283	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	13.28	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	15.32	128	1358	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	21.18	165	494	N.D.		
25) Diethylphthalate	22.08	149	1687	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	22.71	77	212	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29668.D Vial: 22
Acq On : 14 Dec 2001 5:24 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:06 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

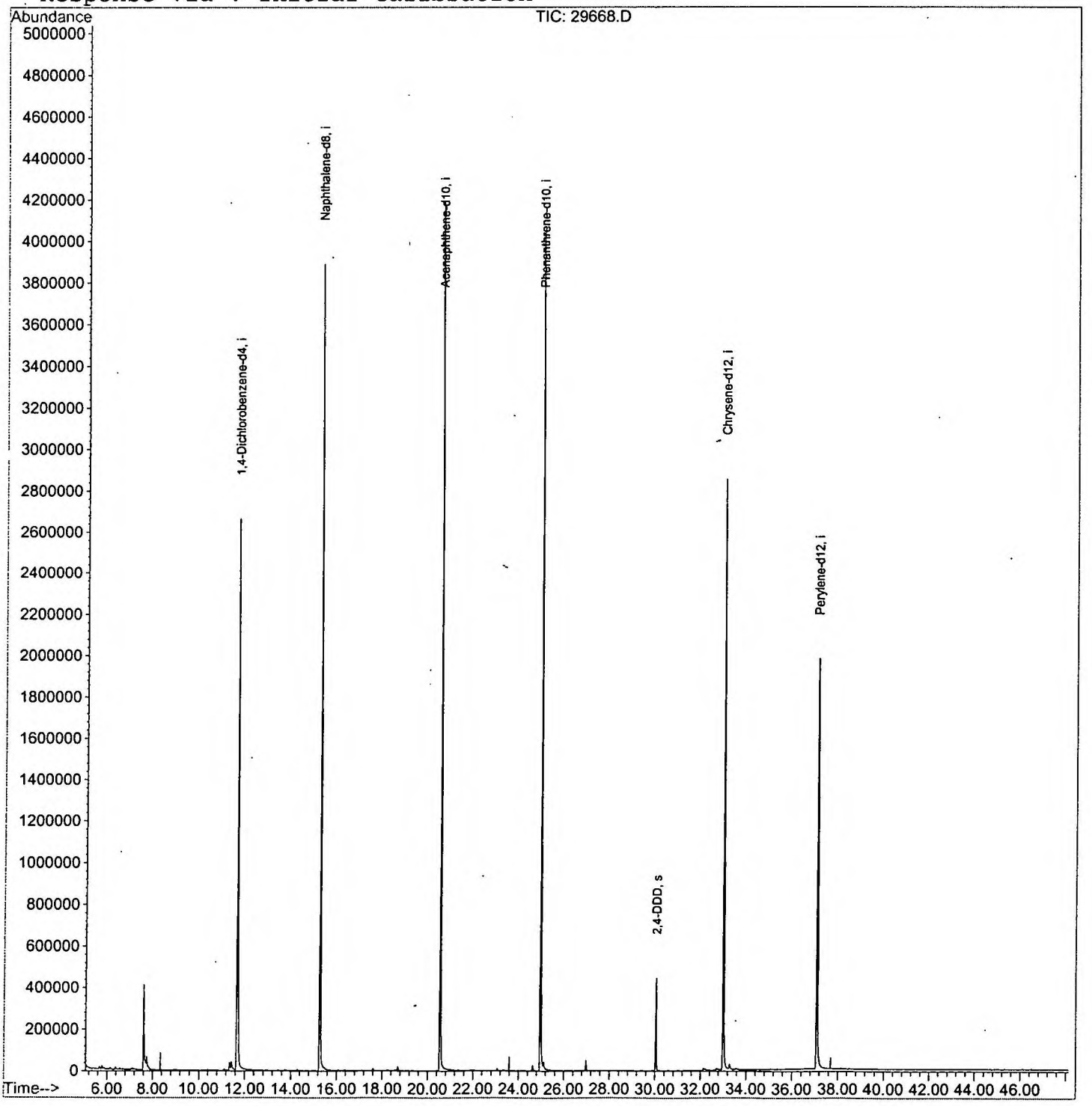
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	642	N.D.	
34)	Anthracene	25.04	178	642	N.D.	
35)	Di-n-butylphthalate	26.98	149	58077	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.49	149	1718	N.D.	
41)	Benzo(a)anthracene	33.01	228	5138	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	20746	N.D.	
43)	Chrysene	33.01	228	5138	N.D.	
45)	Di-n-Octylphthalate	35.03	149	1036	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	6003	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\DEC1301\29668.D Vial: 22
Acq On : 14 Dec 2001 5:24 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:06 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29668.D Vial: 22
Acq On : 14 Dec 2001 5:24 am Operator: 209 GALOS
Sample : gcms scan 12/7 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

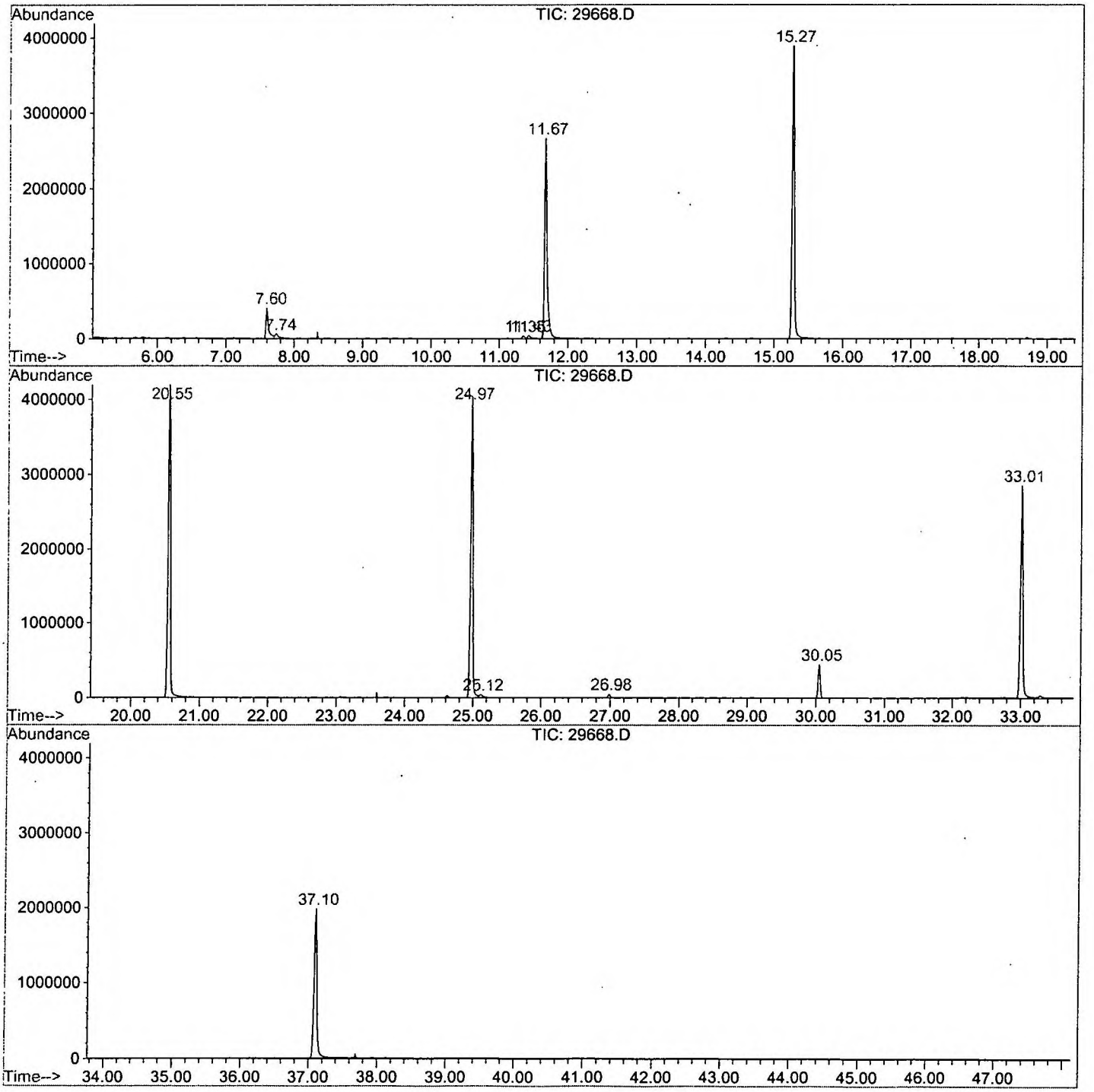
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.595	274	278	290	rBV	410207	1041113	11.04%	2.126%
2	7.742	290	294	310	rVB	63080	235556	2.50%	0.481%
3	11.350	683	687	693	rBV	39046	101000	1.07%	0.206%
4	11.432	693	696	715	rVB	40253	138410	1.47%	0.283%
5	11.671	717	722	740	rBV	2659893	6766735	71.76%	13.819%
6	15.270	1109	1114	1133	rBV	3889209	8834584	93.69%	18.041%
7	20.549	1683	1689	1713	rBV	4194017	9429451	100.00%	19.256%
8	24.973	2164	2171	2183	rBV2	4040623	8862914	93.99%	18.099%
9	25.120	2183	2187	2200	rVB2	37944	134168	1.42%	0.274%
10	26.984	2386	2390	2396	rBV	48916	97188	1.03%	0.198%
11	30.050	2718	2724	2730	rBV	444213	906293	9.61%	1.851%
12	33.006	3037	3046	3064	rBV2	2853145	6843910	72.58%	13.976%
13	37.101	3484	3492	3514	rBV	1973415	5577155	59.15%	11.389%

Sum of corrected areas: 48968477

29668.D GCMS1126.M Tue Jan 08 10:58:32 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC1301\29668.D
Operator : 209 GALOS
Acquired : 14 Dec 2001 5:24 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 22
Quant File :GCMS1126.RES (RTE Integrator)



29668.D GCMS1126.M Tue Jan 08 10:58:39 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29668.D
Acq On : 14 Dec 2001 5:24 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

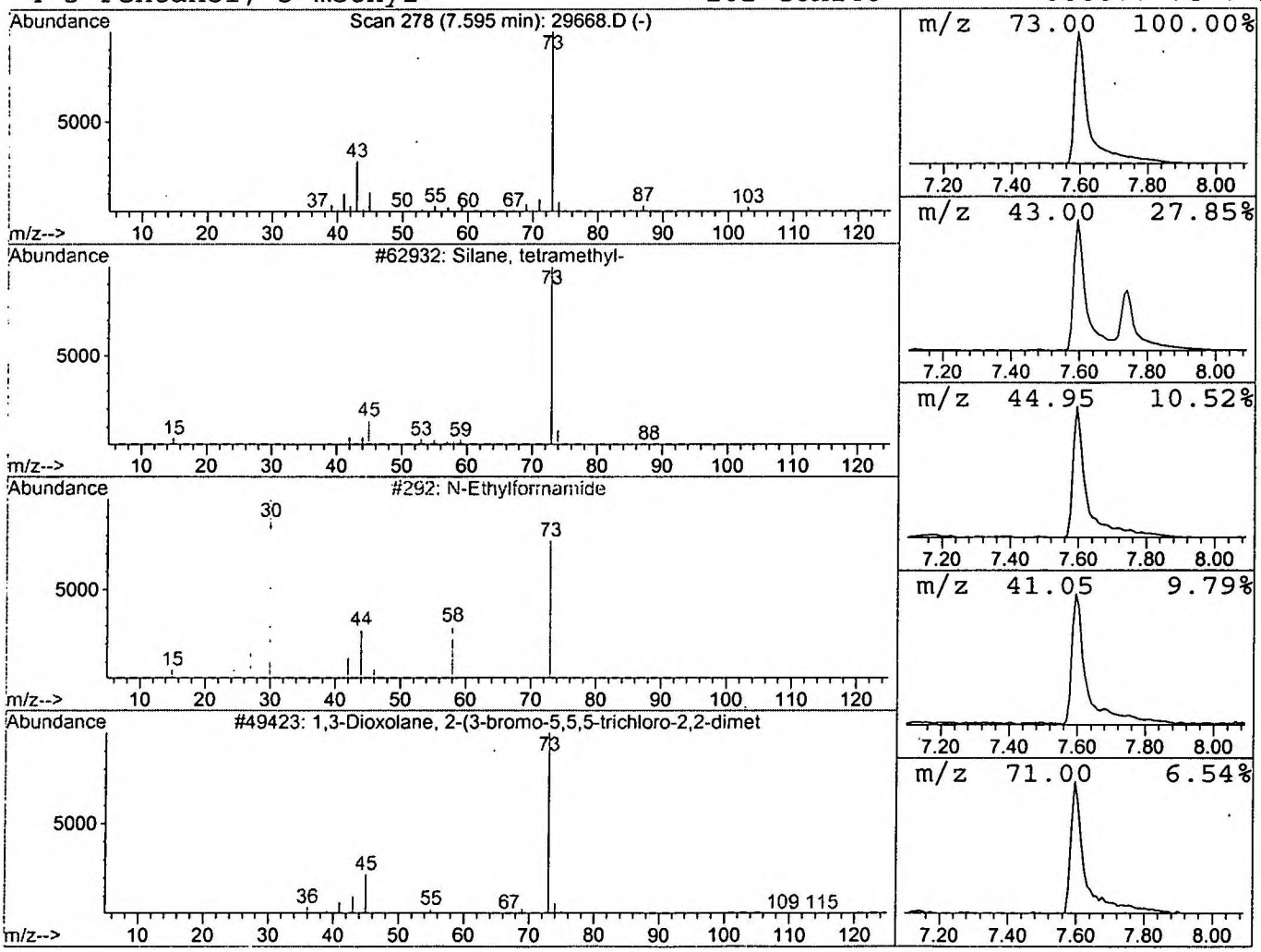
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.08 ug/l	1041110	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
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 : M:\INSTRU~1\209\DATA\DEC1301\29668.D Vial: 22
Acq On : 14 Dec 2001 5:24 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

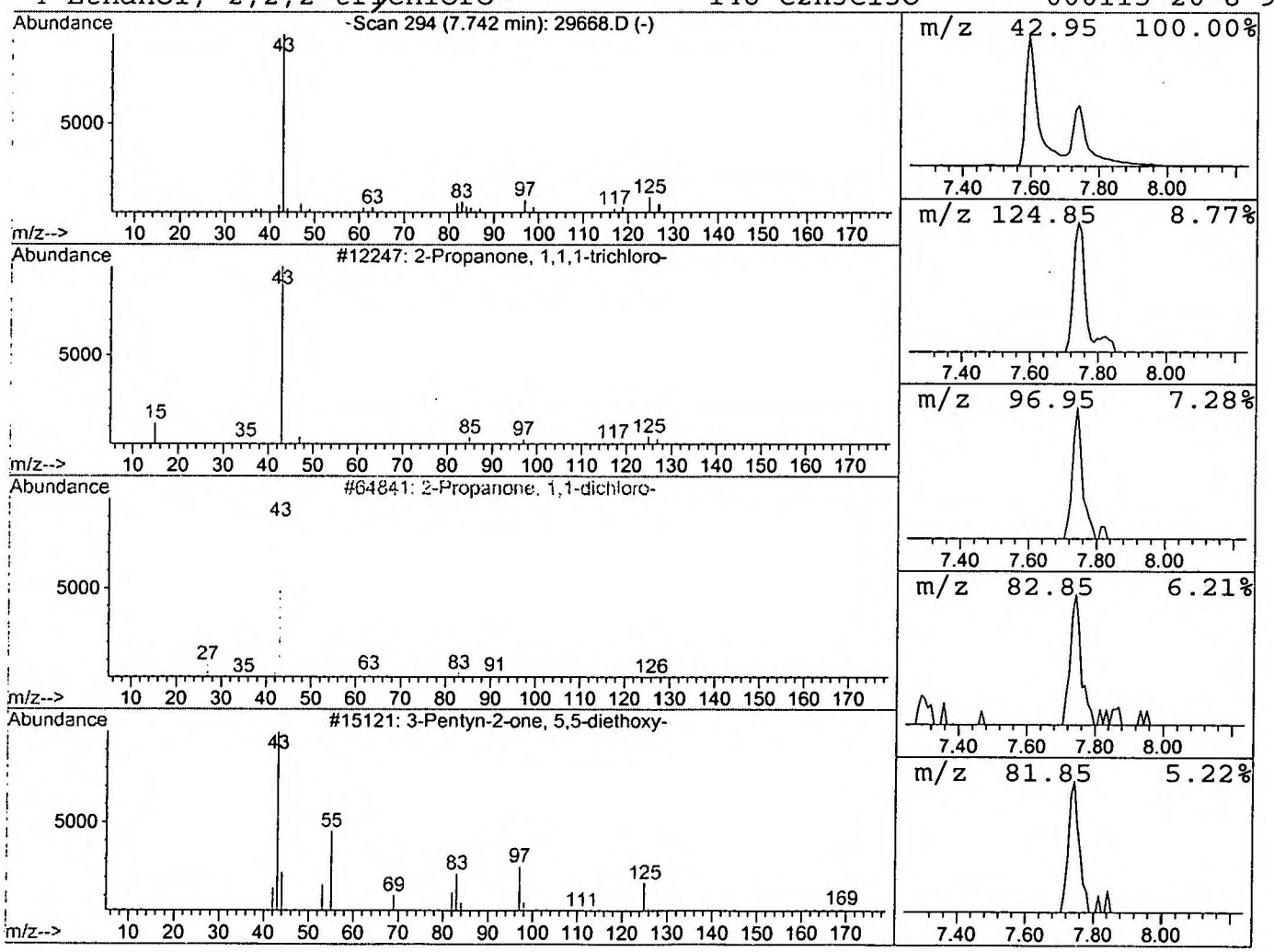
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.70 ug/l	235556	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	40
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	35
3	3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	10
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29668.D
Acq On : 14 Dec 2001 5:24 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

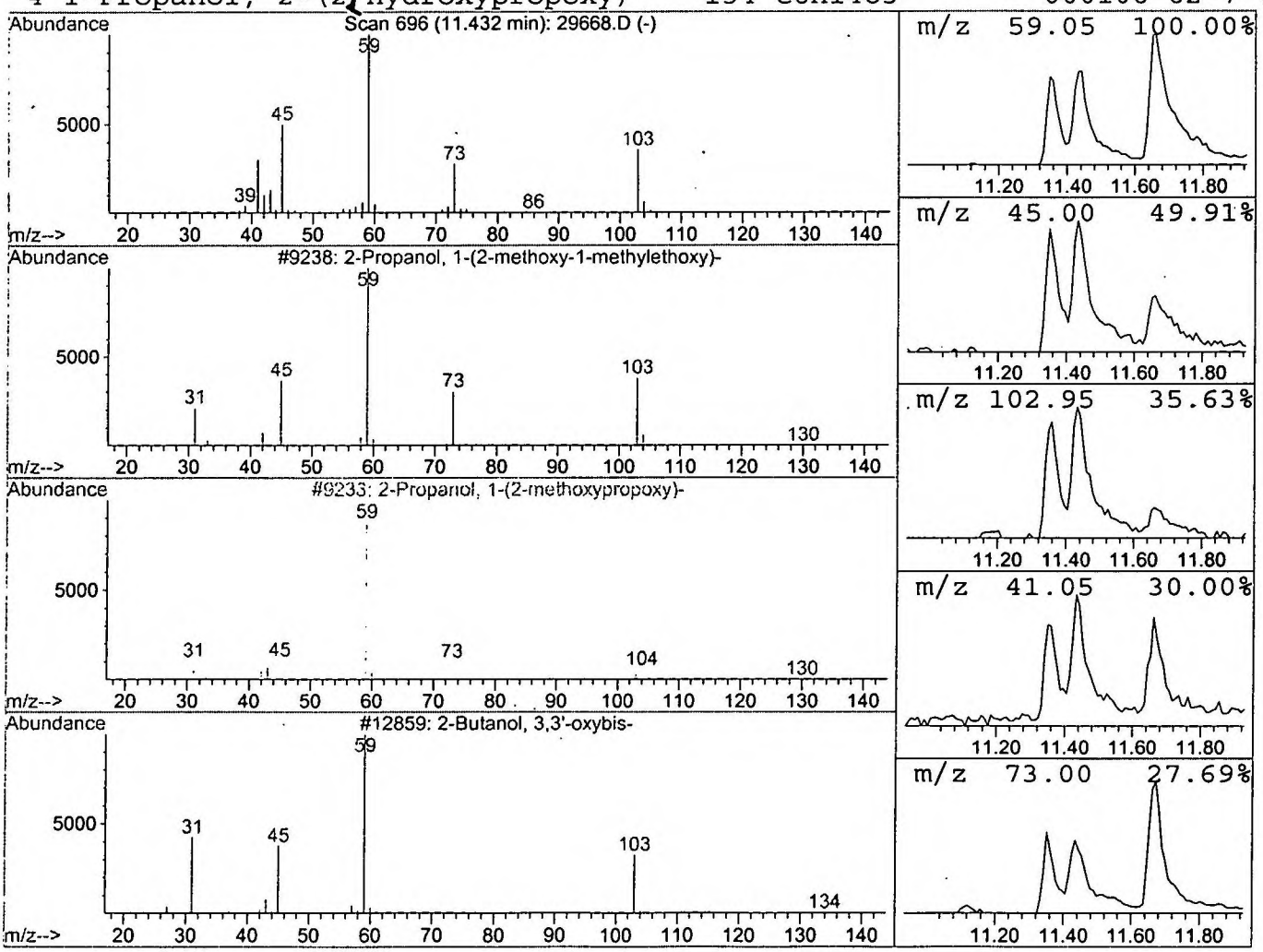
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.41 ug/l	138410	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-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	45
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 14 Dec 2001 5:24 am
Data File: M:\INSTRU~1\209\DATA\DEC1301\29668.D
Name: gcms scan 12/7
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	3.1	ug/l	1041110	ISTD01	11.67	6766740	20.0
2-Propanone, 1,1,1-t	7.74	0.7	ug/l	235556	ISTD01	11.67	6766740	20.0
2-Propanol, 1-(2-met	11.43	0.4	ug/l	138410	ISTD01	11.67	6766740	20.0

29668.D GCMS1126.M Tue Jan 08 10:58:58 2002