Comments for Sample AD29232 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 14:12:15

The GCMS scan, from 35 to 550 amu does not reveal the presence of any unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range. The recovery for the Surrogate Standard in this sample was below 70%. This sample will be re-extracted and re-analyzed. This sample was re-extracted
with a Surrogate Standard recovery of 61%, compared to 59% the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\29232.D
Acq On : 30 Dec 2001 6:00 pm
Sample : GC/MS SCAN ~~12/18 A~~
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 30 18:49 2001

Vial: 60
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 : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

reestimated 12/18

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1251351	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4738007	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2311898	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.98	188	3515589	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	2101792	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1160527	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	118658	3.07	ug/mL	0.00
Spiked Amount 5.000			Recovery =	61.40%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.22	74	876	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.14	146	108	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	14.31	82	212	N.D.		
13) bis(2-Chloroethoxy)methane	14.30	93	324	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.35	128	1353	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	20.27	163	1557	N.D.		
21) 2,6-Dinitrotoluene	20.27	165	777	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.21	165	771	N.D.		
25) Diethylphthalate	22.13	149	1480	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\DEC2701\29232.D Vial: 60
Acq On : 30 Dec 2001 6:00 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/18 A Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 30 18:49 2001 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.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.05	178	1387	N.D.	
34) Anthracene	25.05	178	1387	N.D.	
35) Di-n-butylphthalate	27.03	149	3160	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.72	149	5196	N.D.	
41) Benzo(a)anthracene	33.02	228	4990	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	2319	N.D.	
43) Chrysene	33.02	228	4990	N.D.	
45) Di-n-Octylphthalate	35.05	149	182	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	37.12	252	4483	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.	

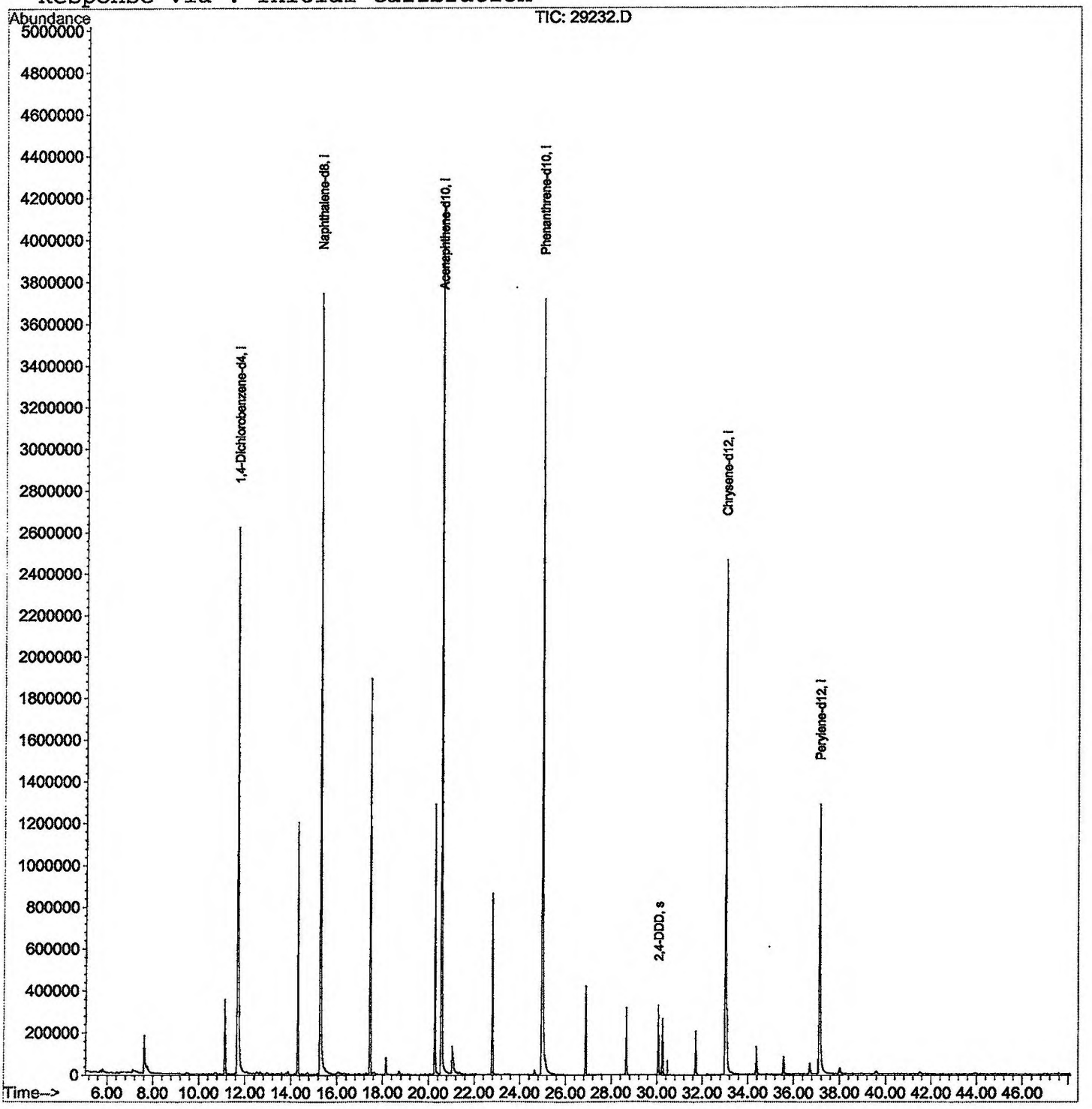
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29232.D
Acq On : 30 Dec 2001 6:00 pm
Sample : GC/MS SCAN 12/18 A
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 30 18:49 2001

Vial: 60
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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



Comments for Sample AD29232 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 15:40:18

The GCMS scan, from 35 to 550 amu does not reveal the presence of any unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range. The recovery for the Surrogate Standard in this sample was below 70%. This sample will be re-extracted and re-analyzed.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 15:38:55

Sample: AD29232
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 15:38 Ended: 12/18/01 15:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29232.D Vial: 16
Acq On : 11 Dec 2001 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:27 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	826685	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3144644	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1593046	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2268159	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1446671	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1041423	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	79908	2.96	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 59.20%			
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	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	15.33	128	1937	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	20.94	165	193	N.D.		
25) Diethylphthalate	22.06	149	289	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\29232.D Vial: 16
Acq On : 11 Dec 2001 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:27 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

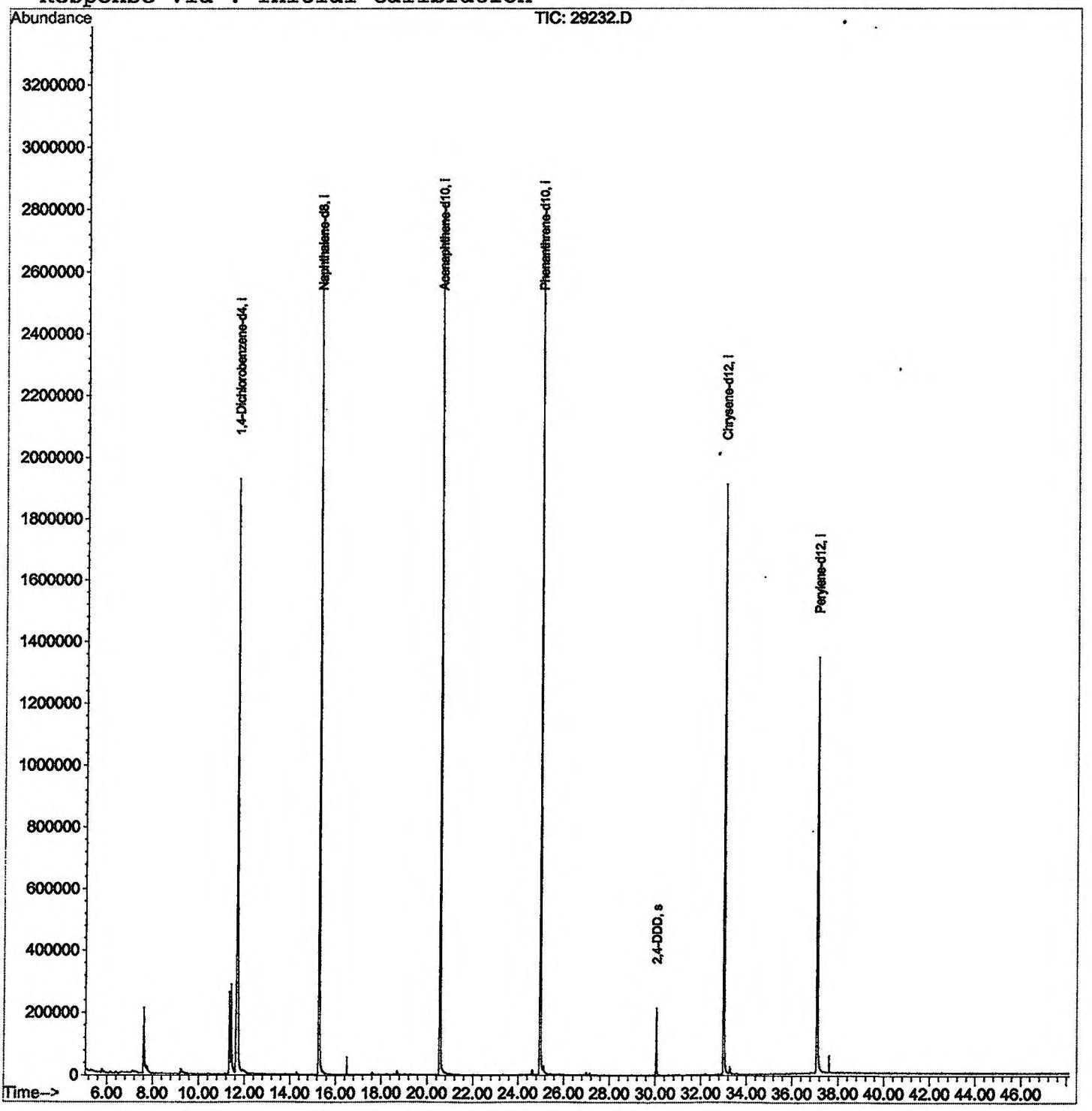
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	681	N.D.	
34)	Anthracene	25.04	178	681	N.D.	
35)	Di-n-butylphthalate	26.99	149	10907	N.D.	
36)	Fluoranthene	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	33.00	228	3513	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	16847	N.D.	
43)	Chrysene	33.00	228	3513	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	4168	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\29232.D Vial: 16
Acq On : 11 Dec 2001 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:27 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 : C:\HPCHEM\1\DATA\DEC1001\29232.D Vial: 16
Acq On : 11 Dec 2001 1:22 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 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

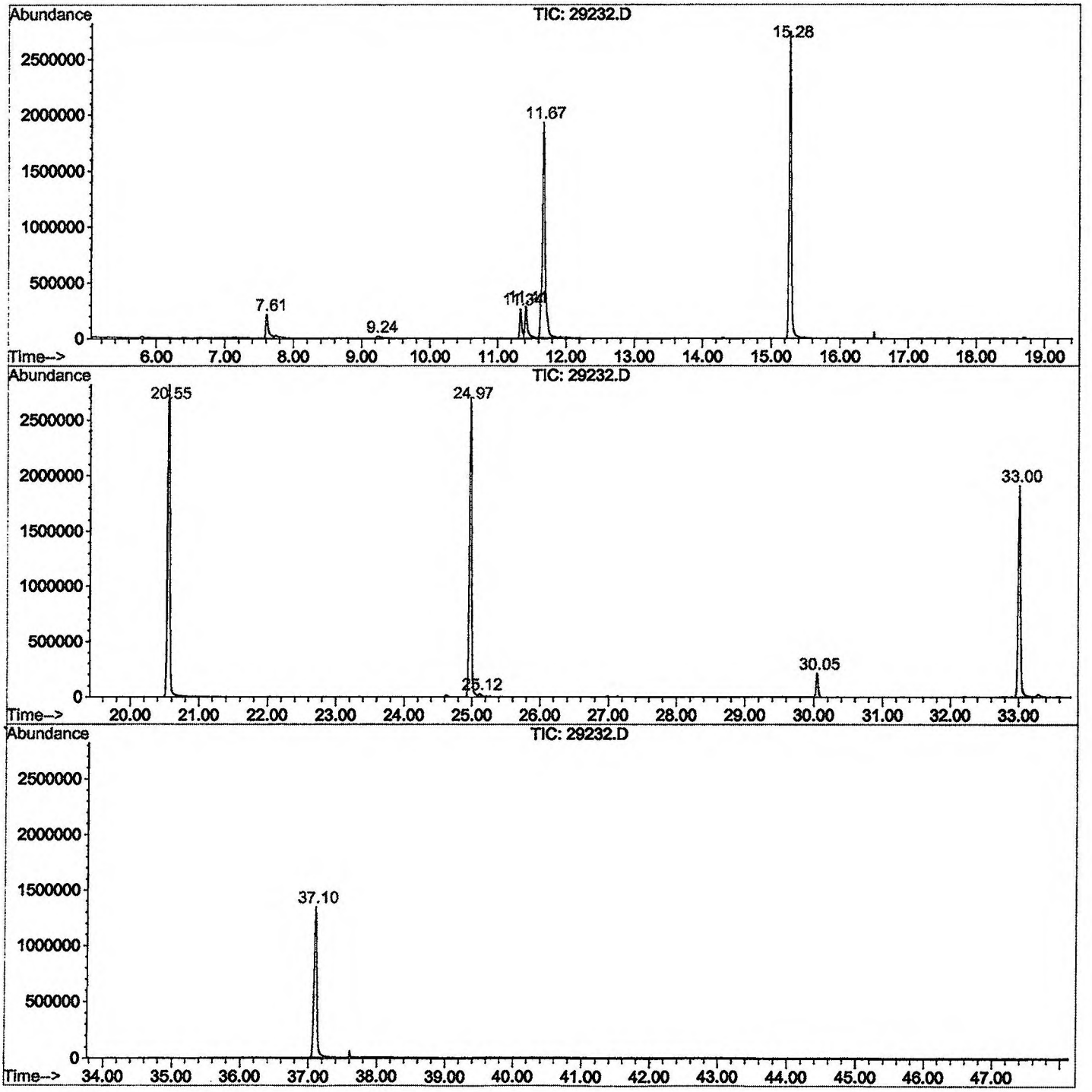
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	275	280	292	rBV	211882	567250	8.76%	1.630%
2	9.236	454	457	468	rBV	18003	76547	1.18%	0.220%
3	11.339	682	686	691	rBV	263266	589694	9.10%	1.694%
4	11.412	691	694	714	rVV	285810	750774	11.59%	2.157%
5	11.669	714	722	747	rVV2	1923734	5514271	85.11%	15.845%
6	15.277	1109	1115	1132	rBV	2744948	5934061	91.59%	17.051%
7	20.546	1683	1689	1707	rBV	2821131	6478659	100.00%	18.616%
8	24.971	2165	2171	2184	rBV2	2701344	6030637	93.08%	17.328%
9	25.118	2184	2187	2200	rVB	24359	75838	1.17%	0.218%
10	30.048	2717	2724	2731	rBV	213986	440377	6.80%	1.265%
11	33.004	3040	3046	3069	rBV2	1911916	4550218	70.23%	13.075%
12	37.099	3484	3492	3518	rBV2	1340399	3793823	58.56%	10.901%

Sum of corrected areas: 34802149

29232.D GCMS1126.M Fri Dec 14 16:10:57 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29232.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 1:22 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/3
Misc Info :
Vial Number: 16
Quant File :GCMS1126.RES (RTE Integrator)



29232.D GCMS1126.M Fri Dec 14 16:11:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29232.D
Acq On : 11 Dec 2001 1:22 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

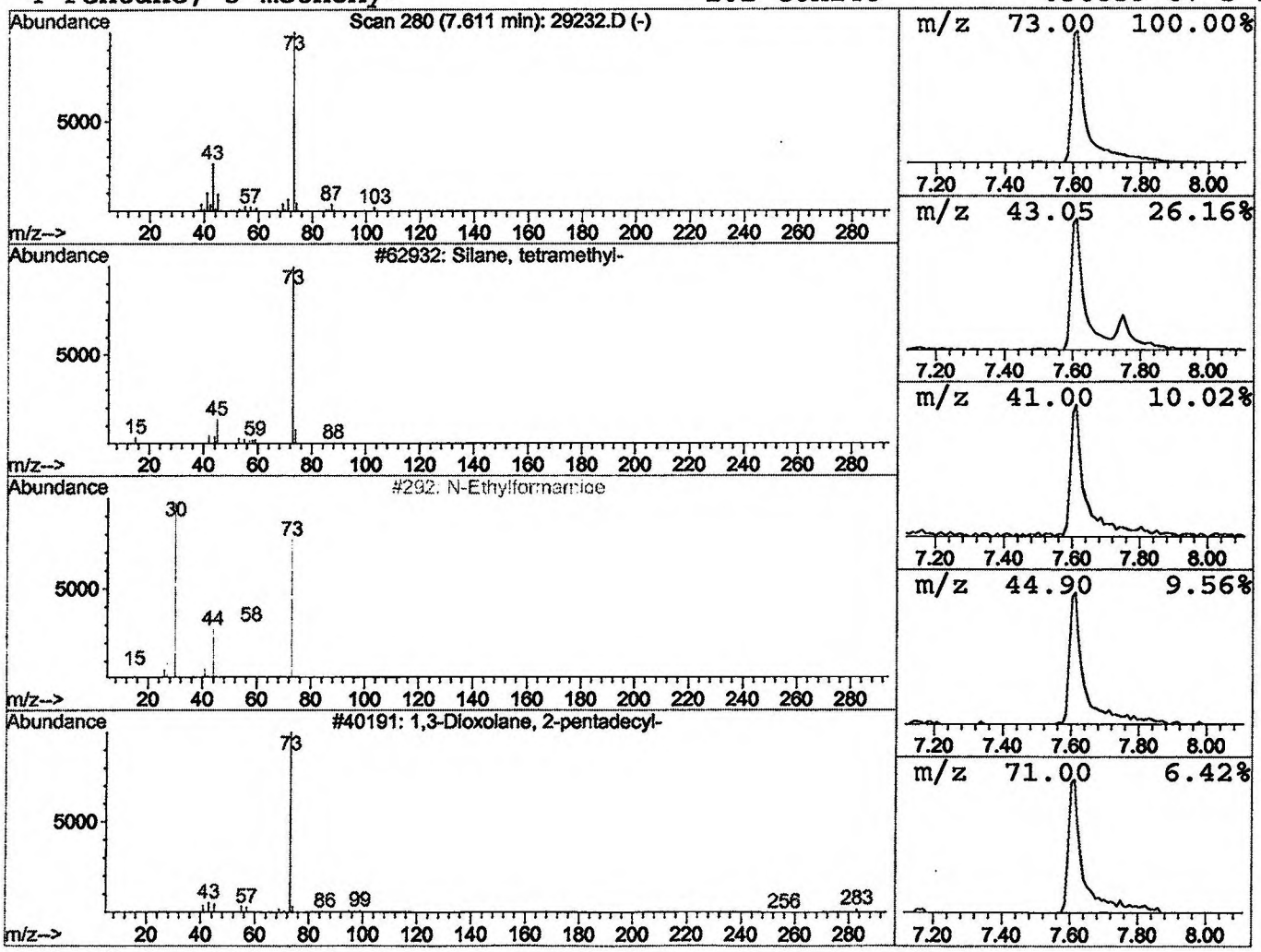
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.06 ug/l	567250	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-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\29232.D
Acq On : 11 Dec 2001 1:22 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

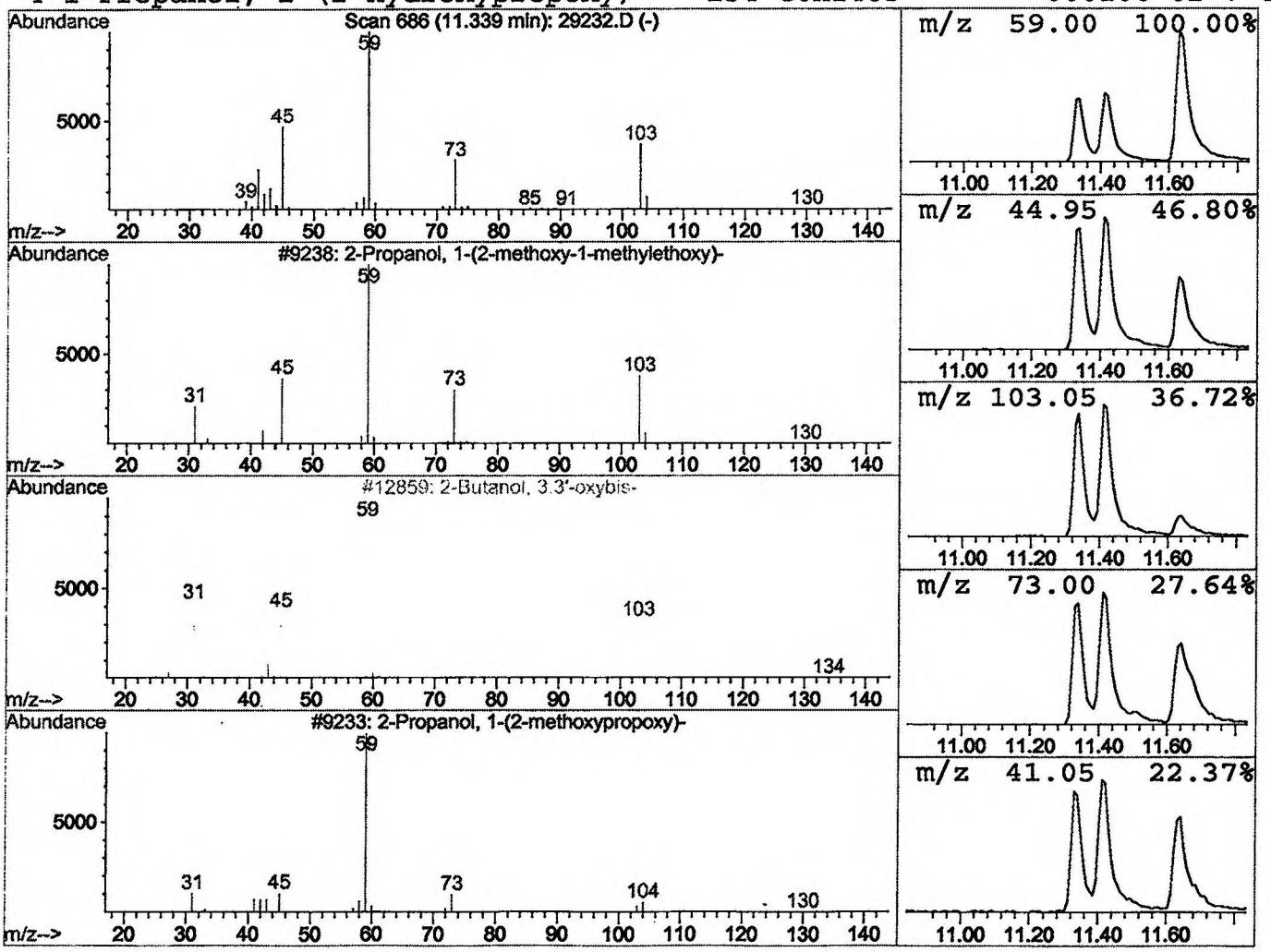
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.14 ug/l	589694	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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29232.D
Acq On : 11 Dec 2001 1:22 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

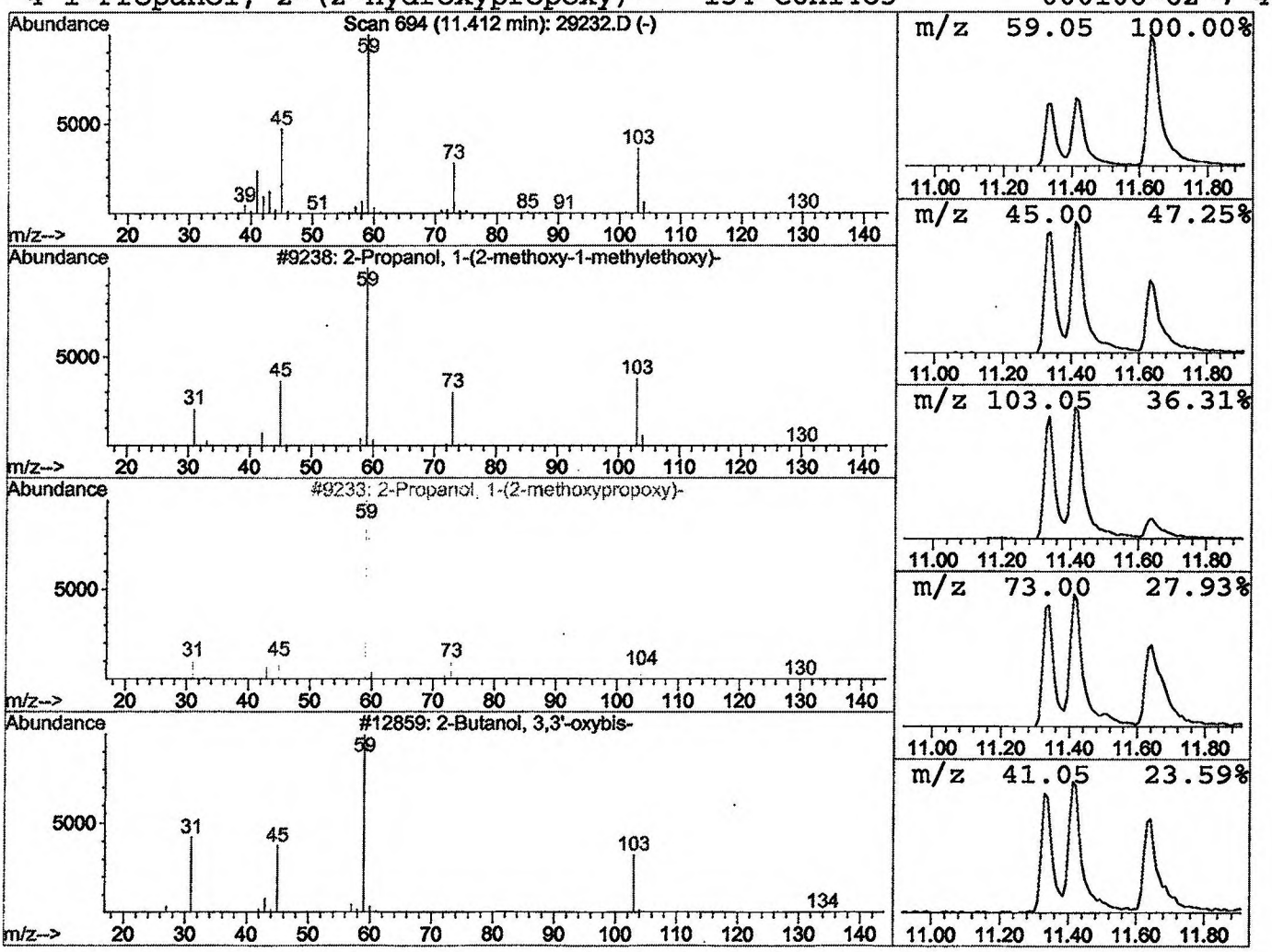
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.72 ug/l	750774	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	78
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 1:22 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29232.D
Name: gc/ms scan 12/3
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-	7.61	2.1	ug/l	567250	ISTD01	11.67	5514270	20.0
2-Propanol, 1-(2-met	11.34	2.1	ug/l	589694	ISTD01	11.67	5514270	20.0
2-Propanol, 1-(2-met	11.41	2.7	ug/l	750774	ISTD01	11.67	5514270	20.0

29232.D GCMS1126.M Fri Dec 14 16:11:21 2001