User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:37:36

Sample: AD29789
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:17 Ended: 1/9/02 12:17 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Analyzed clear

Comments for Sample AD29789 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:37:38

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29789A.D Vial: 51
Acq On : 16 Dec 2001 3:30 pm Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 11:33 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	845194	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3244269	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1603475	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2336336	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1391079	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	841698	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	136936	5.33	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 106.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.25	74	180	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	15.35	128	1122	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.03	165	236	N.D.		
25) Diethylphthalate	22.13	149	208	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)

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Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	24.96	178	771	N.D.	
34)	Anthracene	24.96	178	771	N.D.	
35)	Di-n-butylphthalate	27.01	149	4639	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	3060	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	4633	N.D.	
43)	Chrysene	33.01	228	3060	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	3111	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

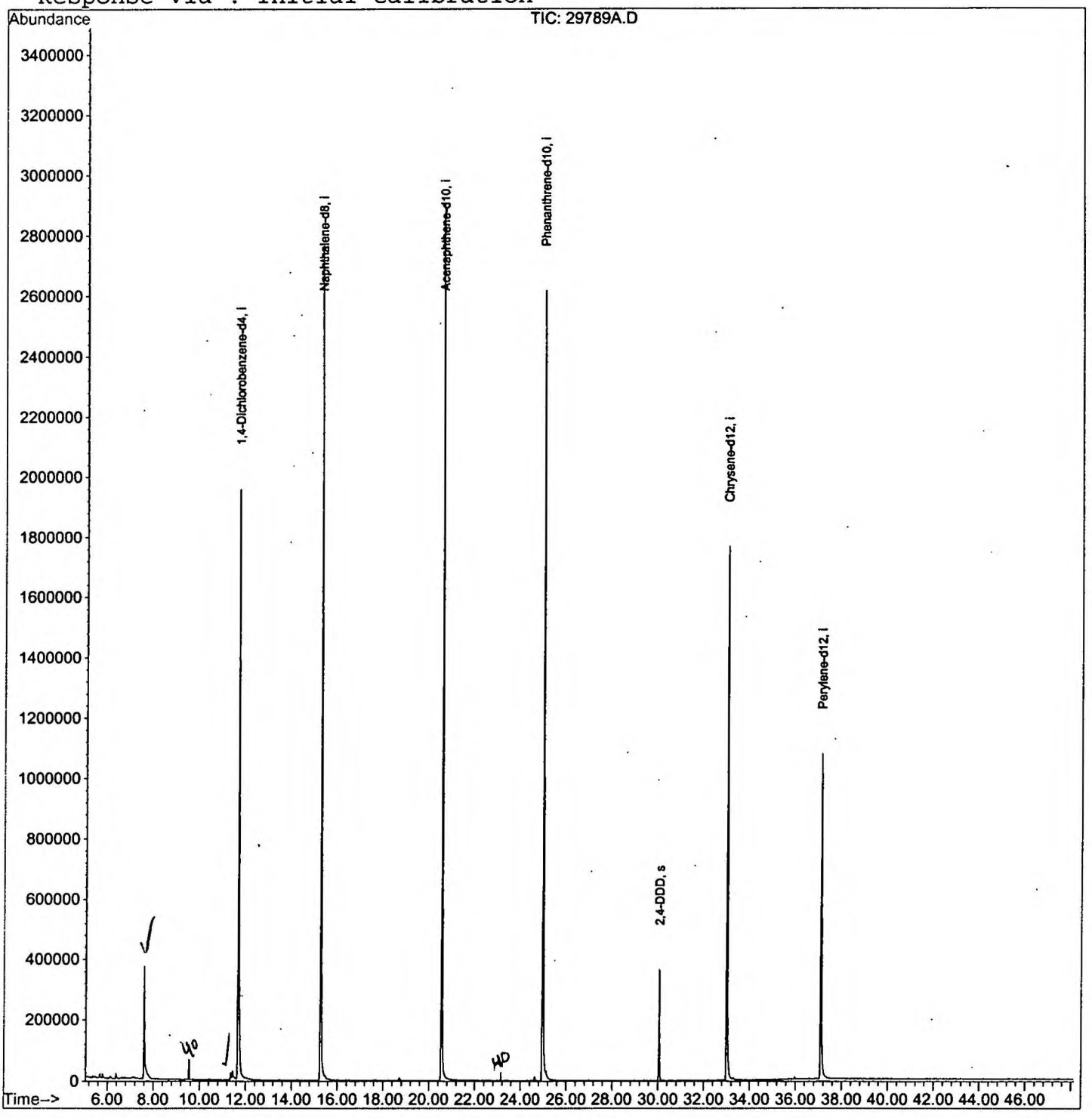
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789A.D
Acq On : 16 Dec 2001 3:30 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 11:33 2002

Vial: 51
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 : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789A.D Vial: 51
Acq On : 16 Dec 2001 3:30 pm Operator: 209 GALOS
Sample : gcms scan 12/11 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

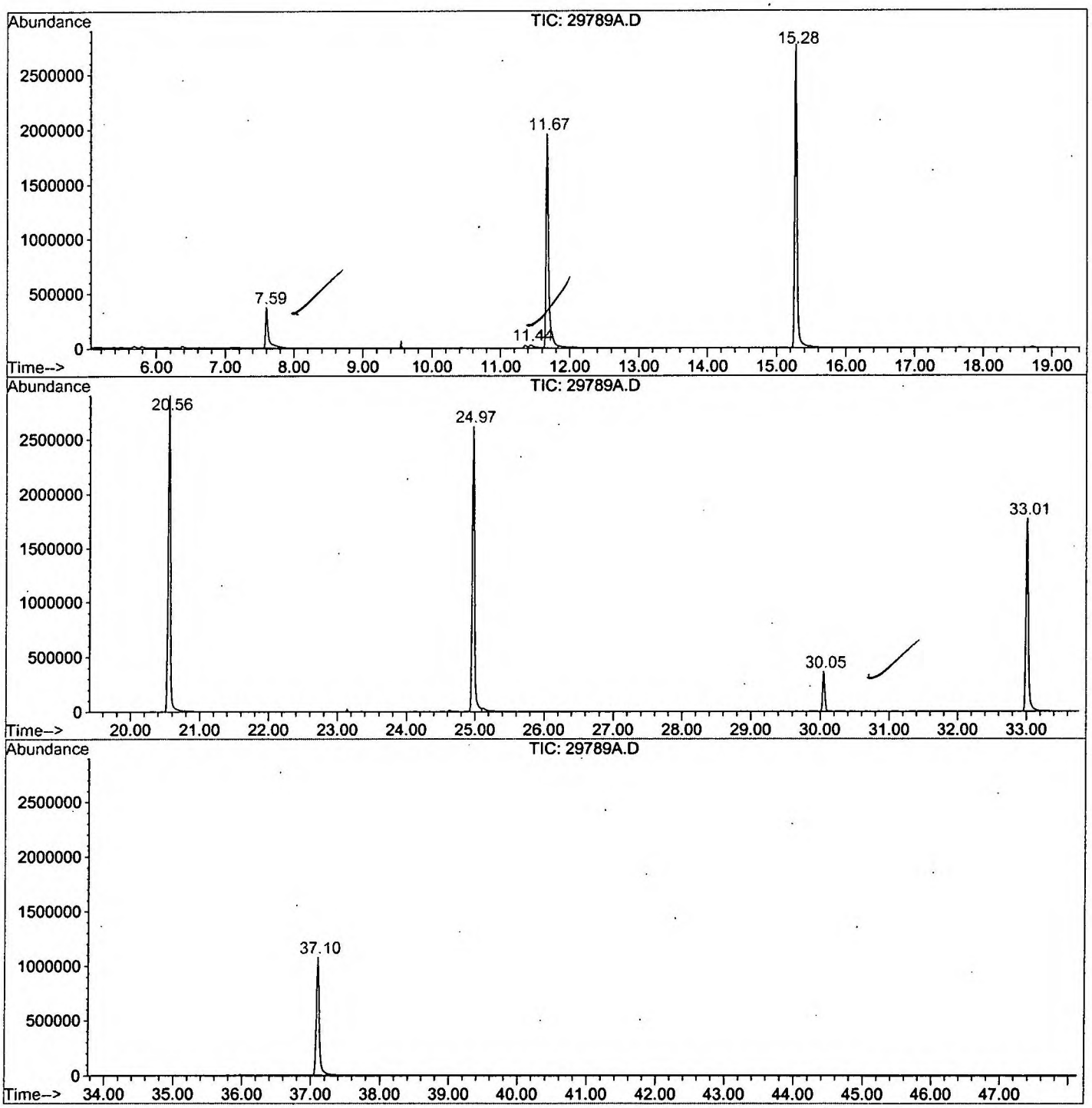
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.593	274	278	314	rBV	368901	1091133	16.26%	3.256%
2	11.439	693	697	712	rVB	27251	103074	1.54%	0.308%
3	11.669	717	722	740	rBV	1953966	4905637	73.12%	14.637%
4	15.277	1109	1115	1134	rBV	2764857	6257977	93.28%	18.672%
5	20.555	1683	1690	1709	rBV	2904794	6708815	100.00%	20.017%
6	24.971	2165	2171	2185	rBV2	2616039	6132840	91.41%	18.299%
7	30.048	2719	2724	2733	rBV	363267	773774	11.53%	2.309%
8	33.013	3040	3047	3071	rBV2	1765672	4417322	65.84%	13.180%
9	37.098	3485	3492	3514	rBV	1073093	3124187	46.57%	9.322%

Sum of corrected areas: 33514759

29789A.D GCMS1126.M Wed Jan 30 11:48:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29789A.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 3:30 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 51
Quant File :GCMS1126.RES (RTE Integrator)



29789A.D GCMS1126.M Wed Jan 30 11:48:25 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789A.D
Acq On : 16 Dec 2001 3:30 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 51
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

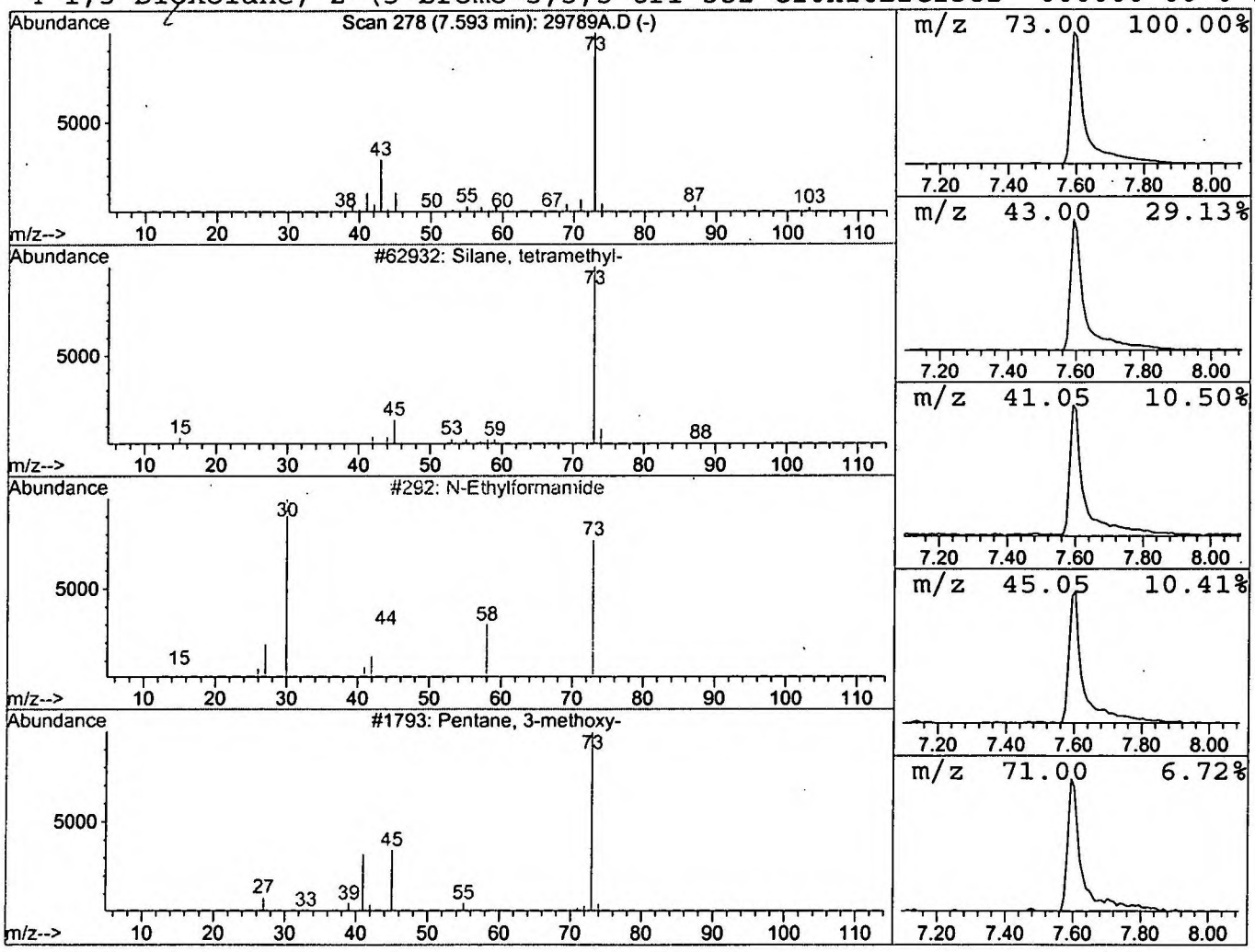
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.45 ug/l	1091130	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789A.D
Acq On : 16 Dec 2001 3:30 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 51
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

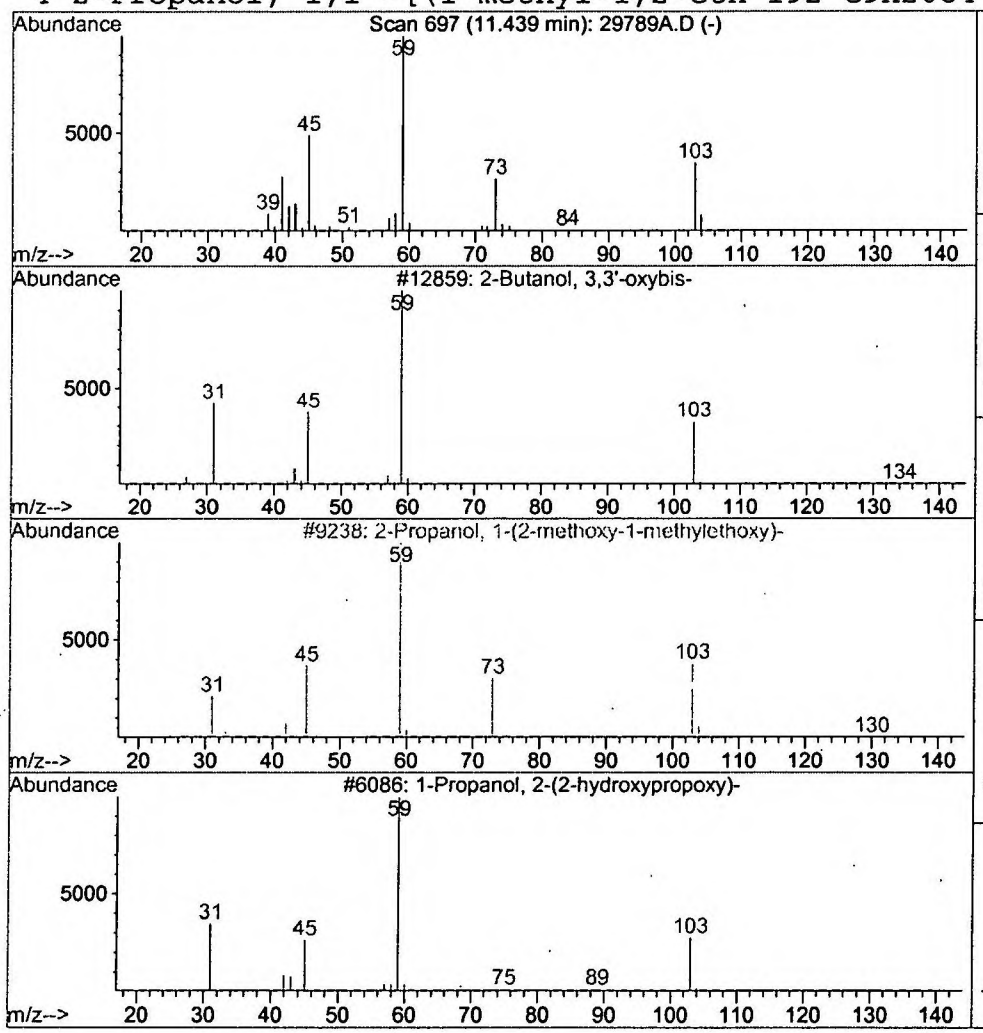
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

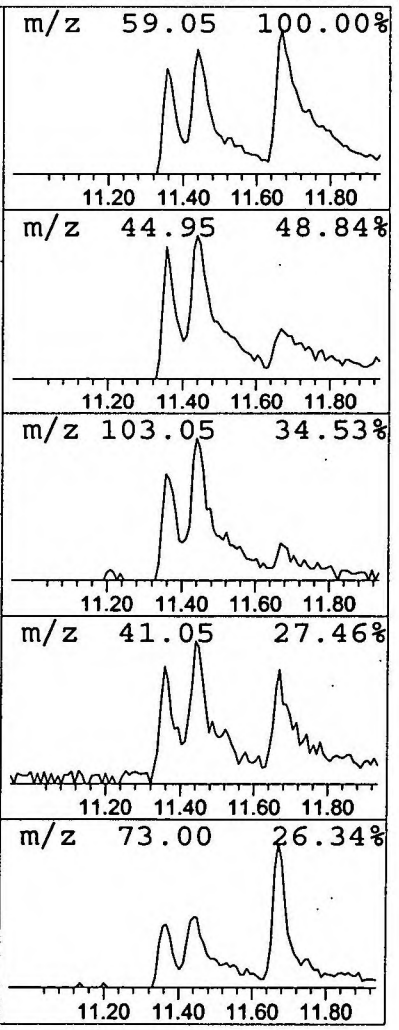
****

Peak Number 2 2-Butanol, 3,3'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.42 ug/l	103074	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	59
2	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	56
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	40





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 3:30 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29789A.D
Name: gcms scan 12/11
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-	7.59	4.4	ug/l	1091130	ISTD01	11.67	4905640	20.0
2-Butanol, 3,3'-oxyb	11.44	0.4	ug/l	103074	ISTD01	11.67	4905640	20.0

29789A.D GCMS1126.M Wed Jan 30 11:48:37 2002

- column leak
- Hexane