NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:36:48

Sample: AD29782
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:26 Ended: 1/9/02 12:26 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Analyzed clean

NYC-WTC_000037416

Comments for Sample AD29782 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:36:51

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

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D Vial: 50
Acq On : 16 Dec 2001 2:32 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 11:31 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	838936	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3212828	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1585285	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2391826	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1452715	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	898660	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	143748	5.47	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 109.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.12	74	529	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	1276	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	21.16	165	111	N.D.		
25) Diethylphthalate	22.11	149	615	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D Vial: 50
Acq On : 16 Dec 2001 2:32 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 11:31 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

	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	219	N.D.	
34)	Anthracene	25.04	178	219	N.D.	
35)	Di-n-butylphthalate	27.00	149	5527	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	3793	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	11173	N.D.	
43)	Chrysene	33.00	228	3793	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	3535	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

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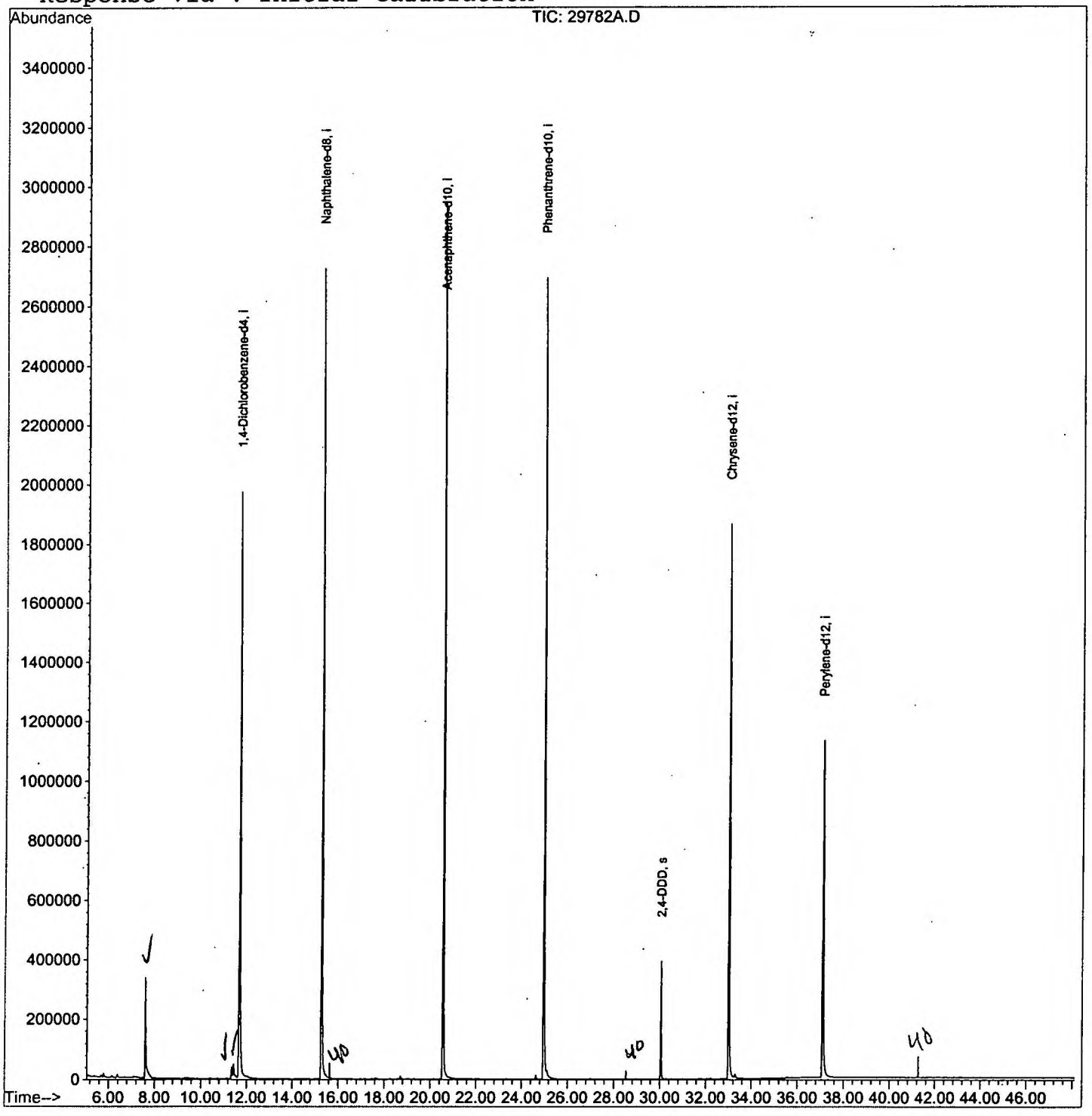
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D
Acq On : 16 Dec 2001 2:32 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 11:31 2002

Vial: 50
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



NYC-WTC_000037420

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D Vial: 50
Acq On : 16 Dec 2001 2:32 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

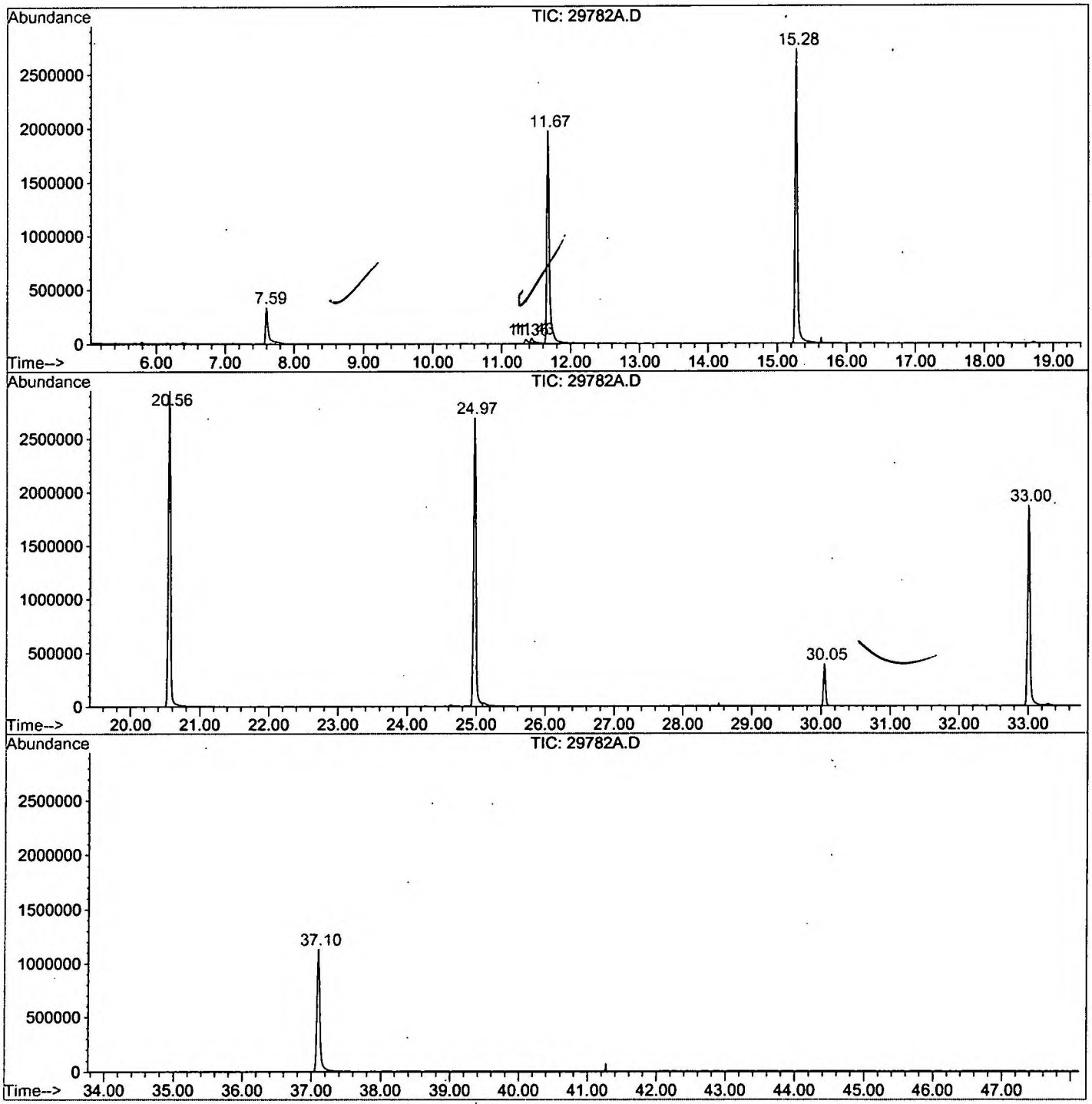
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.593	274	278	293	rBV	334715	893105	13.41%	2.631%
2	11.356	683	688	693	rBV	40070	106695	1.60%	0.314%
3	11.430	693	696	703	rVV	41592	110055	1.65%	0.324%
4	11.669	717	722	747	rBV	1970226	4990663	74.94%	14.701%
5	15.276	1109	1115	1134	rBV	2724952	6197068	93.06%	18.254%
6	20.555	1683	1690	1707	rBV	2947374	6659464	100.00%	19.616%
7	24.971	2165	2171	2184	rBV2	2693699	6242831	93.74%	18.389%
8	30.048	2719	2724	2731	rBV	393048	821088	12.33%	2.419%
9	33.004	3040	3046	3067	rBV2	1865200	4612384	69.26%	13.586%
10	37.098	3485	3492	3519	rBV2	1127796	3315056	49.78%	9.765%

Sum of corrected areas: 33948409

29782A.D GCMS1126.M Wed Jan 30 11:47:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29782A.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 2:32 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 50
Quant File :GCMS1126.RES (RTE Integrator)



29782A.D GCMS1126.M Wed Jan 30 11:47:37 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D
Acq On : 16 Dec 2001 2:32 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

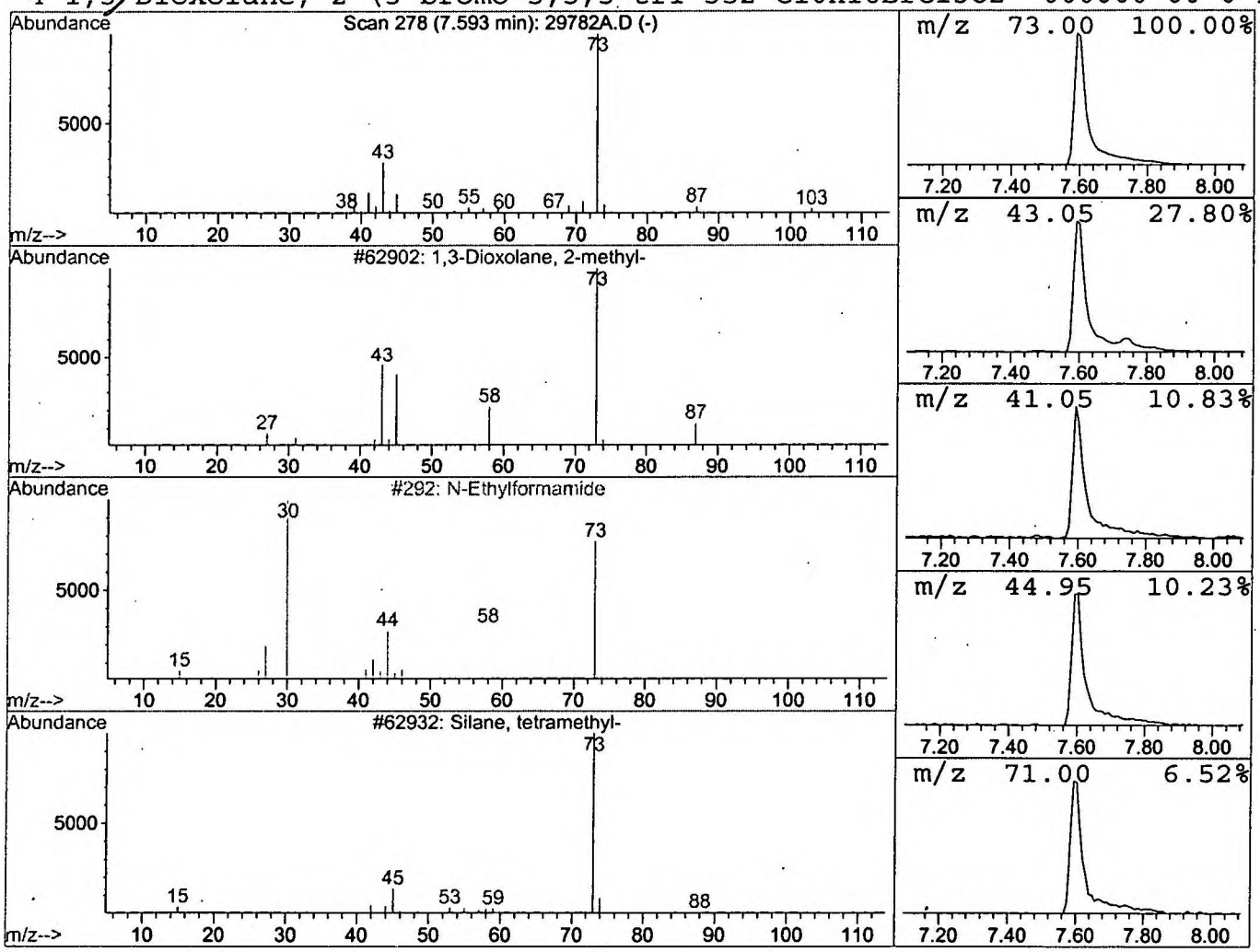
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.58 ug/l	893105	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



NYC-WTC_000037423

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D
Acq On : 16 Dec 2001 2:32 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

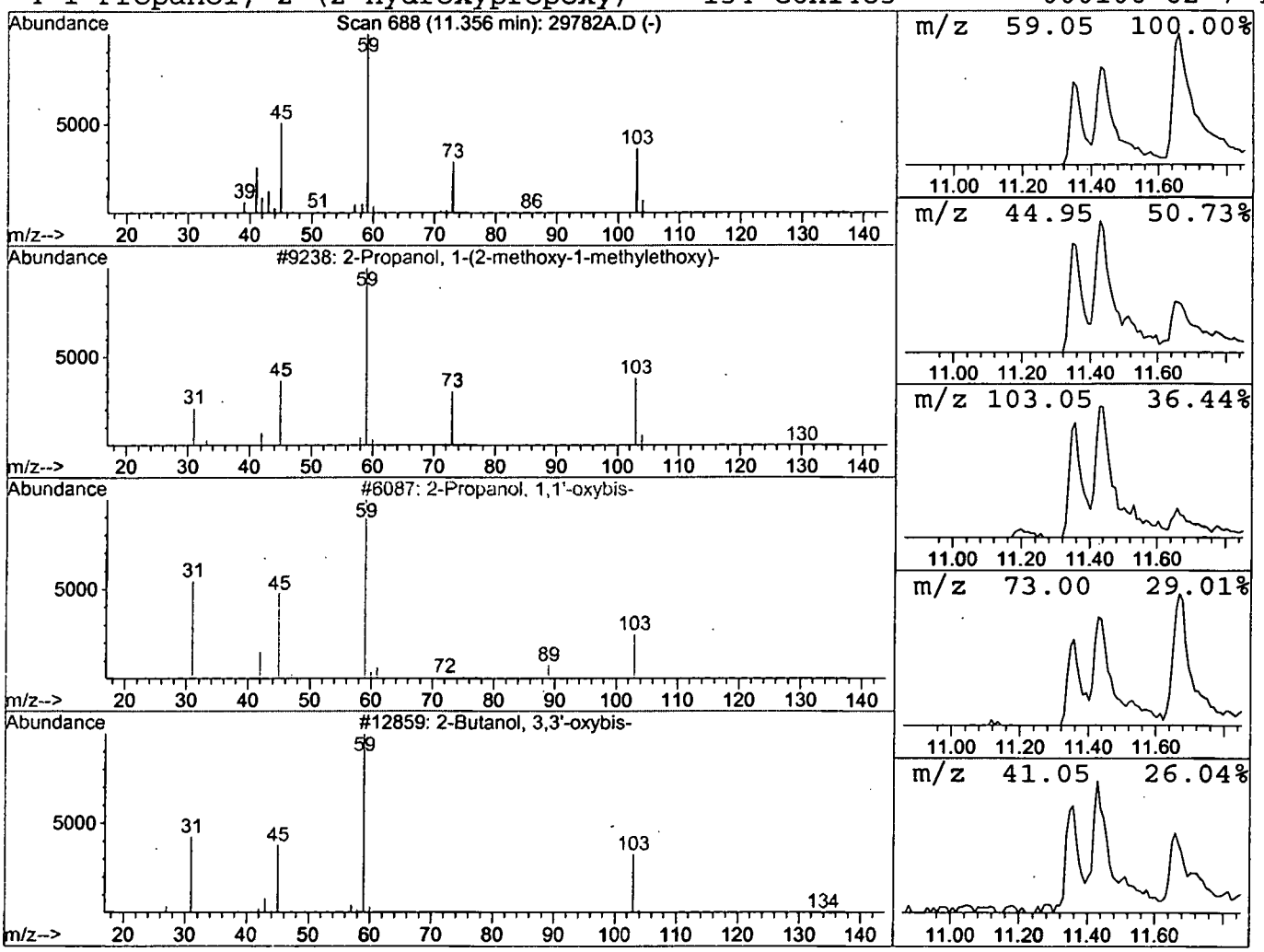
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	0.43 ug/l	106695	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, 1,1'-oxybis-	134	C6H14O3	000110-98-5	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



NYC-WTC_000037424

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29782A.D
Acq On : 16 Dec 2001 2:32 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

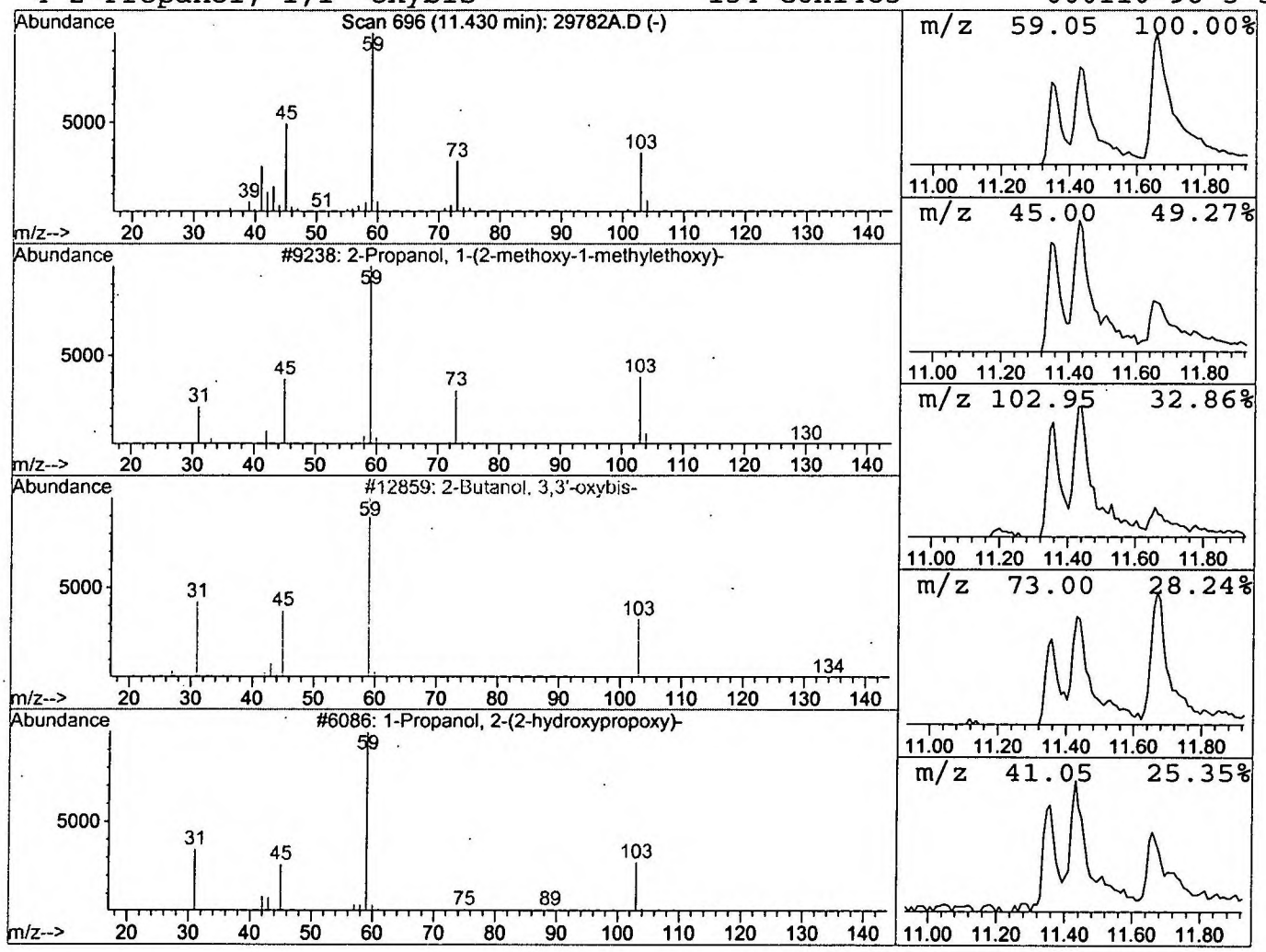
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.44 ug/l	110055	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	72
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	45
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



NYC-WTC_000037425

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 2:32 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29782A.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
1,3-Dioxolane, 2-met	7.59	3.6	ug/l	893105	ISTD01	11.67	4990660	20.0
2-Propanol, 1-(2-met	11.36	0.4	ug/l	106695	ISTD01	11.67	4990660	20.0
2-Propanol, 1-(2-met	11.43	0.4	ug/l	110055	ISTD01	11.67	4990660	20.0

29782A.D GCMS1126.M Wed Jan 30 11:47:53 2002