NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:27:17

Sample: AD26827
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/21/01 17:14 Ended: 12/21/01 17:14 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr: 2,4 DDD	LSPEC	< MDL		5.0

Acq 12/27/01

NYC-WTC_000032160

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Comments for Sample AD26827 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-31-2001 Time: 11:25:58

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for Di-n-butylphthalate at an estimated level of 0.33 ug/L.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D Vial: 11
Acq On : 27 Dec 2001 9:53 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 22:41 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 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1048261	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4056259	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2050252	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3103925	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1937421	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1175695	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	199406	4.44	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 88.80%			
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	1375	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	21.33	165	177	N.D.		
25) Diethylphthalate	22.13	149	1583	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

NYC-WTC_000032162

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D Vial: 11
Acq On : 27 Dec 2001 9:53 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 22:41 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 14 12:19:30 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	1338	N.D.	
34)	Anthracene	24.98	178	1338	N.D.	
35)	Di-n-butylphthalate	27.01	149	72176	0.33 ug/l #	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	29.44	202	266	N.D.	
40)	Butylbenzylphthalate	31.51	149	544	N.D.	
41)	Benzo(a)anthracene	33.02	228	5425	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	17799	N.D.	
43)	Chrysene	33.02	228	5425	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	37.13	252	5221	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

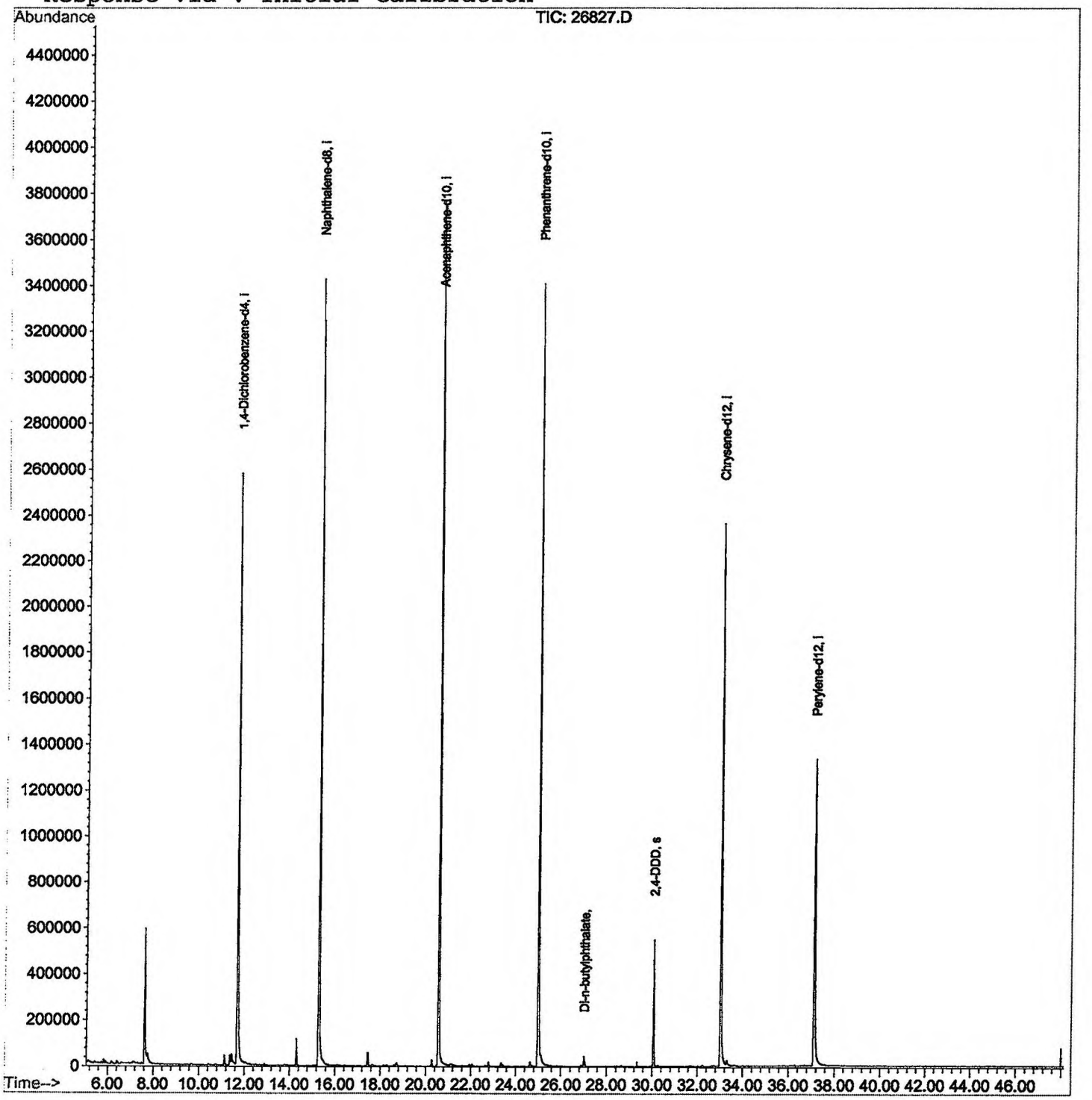
NYC-WTC_000032163

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D Vial: 11
Acq On : 27 Dec 2001 9:53 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 22:41 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



NYC-WTC_000032164

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D Vial: 11
Acq On : 27 Dec 2001 9:53 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 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	7.612	276	280	292	rBV	588115	1417593	15.89%	3.062%
2	7.759	293	296	311	rVB	41471	159716	1.79%	0.345%
3	11.128	658	663	670	rBV	44327	101435	1.14%	0.219%
4	11.357	684	688	693	rBV	42787	106954	1.20%	0.231%
5	11.440	693	697	711	rVB	42513	158190	1.77%	0.342%
6	11.679	717	723	747	rBV	2574016	6617095	74.18%	14.292%
7	14.304	1003	1009	1016	rBV	116167	244843	2.74%	0.529%
8	15.277	1110	1115	1134	rBV	3424829	8119731	91.03%	17.537%
9	17.453	1346	1352	1362	rVB	60713	128652	1.44%	0.278%
10	20.556	1684	1690	1710	rBV	3766115	8920302	100.00%	19.266%
11	24.981	2165	2172	2186	rBV2	3406465	8406481	94.24%	18.157%
12	27.010	2388	2393	2400	rBV	43604	122110	1.37%	0.264%
13	30.058	2719	2725	2734	rBV	548127	1217741	13.65%	2.630%
14	33.023	3041	3048	3068	rBV2	2360534	6219024	69.72%	13.432%
15	37.117	3485	3494	3521	rBV2	1331140	4359897	48.88%	9.417%

Sum of corrected areas: 46299764

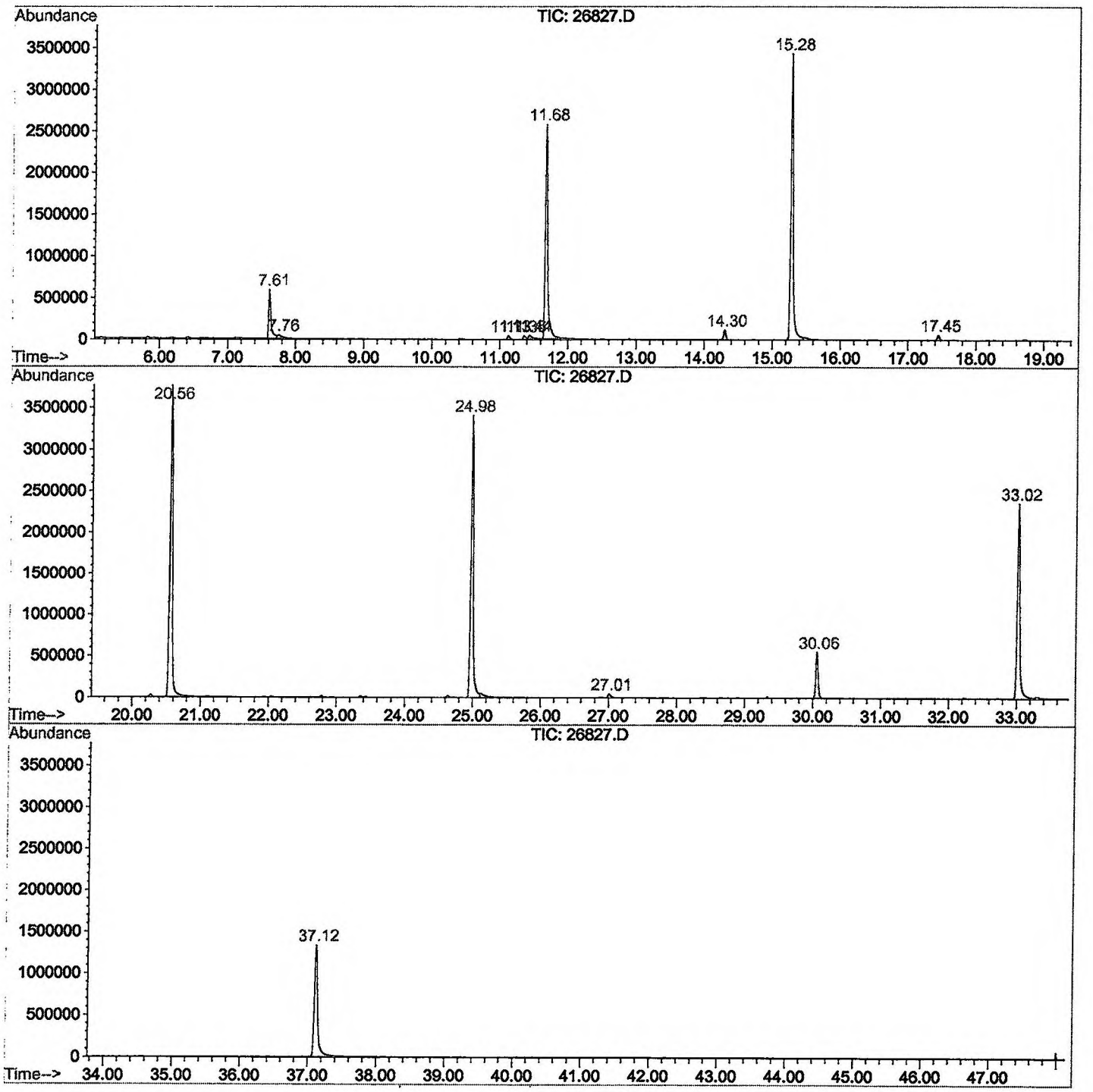
26827.D GCMS1126.M Fri Dec 28 14:53:17 2001

NYC-WTC_000032165

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\26827.D
Operator : 209 GALOS
Acquired : 27 Dec 2001 9:53 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/13
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



26827.D GCMS1126.M Fri Dec 28 14:53:23 2001

NYC-WTC_000032166

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D
Acq On : 27 Dec 2001 9:53 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

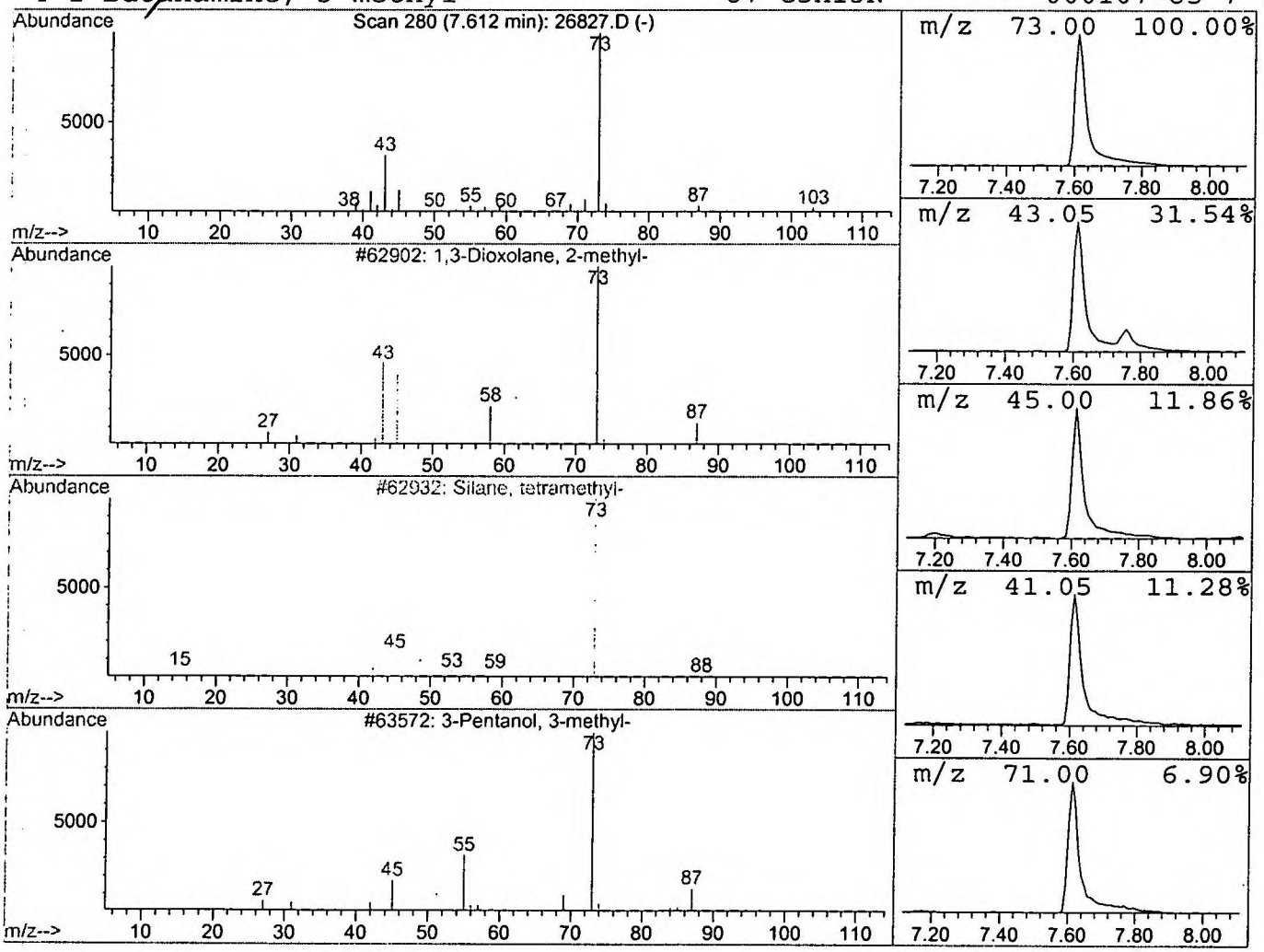
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.28 ug/l	1417590	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



NYC-WTC_000032167

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D
Acq On : 27 Dec 2001 9:53 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

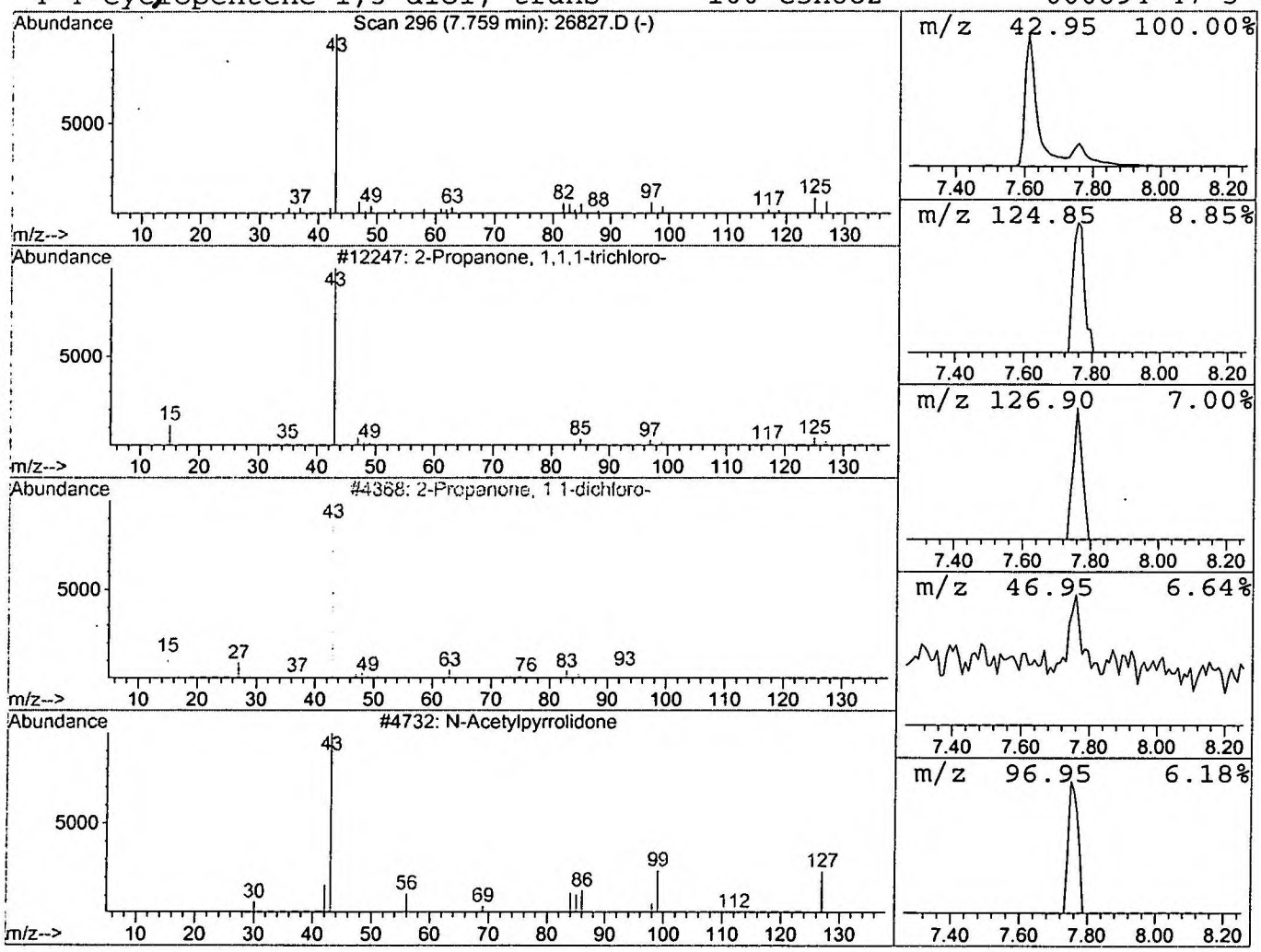
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.48 ug/l	159716	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	78
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4	4-Cyclopentene-1,3-diol, trans-	100	C5H8O2	000694-47-3	4



NYC-WTC_000032168

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D Vial: 11
Acq On : 27 Dec 2001 9:53 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

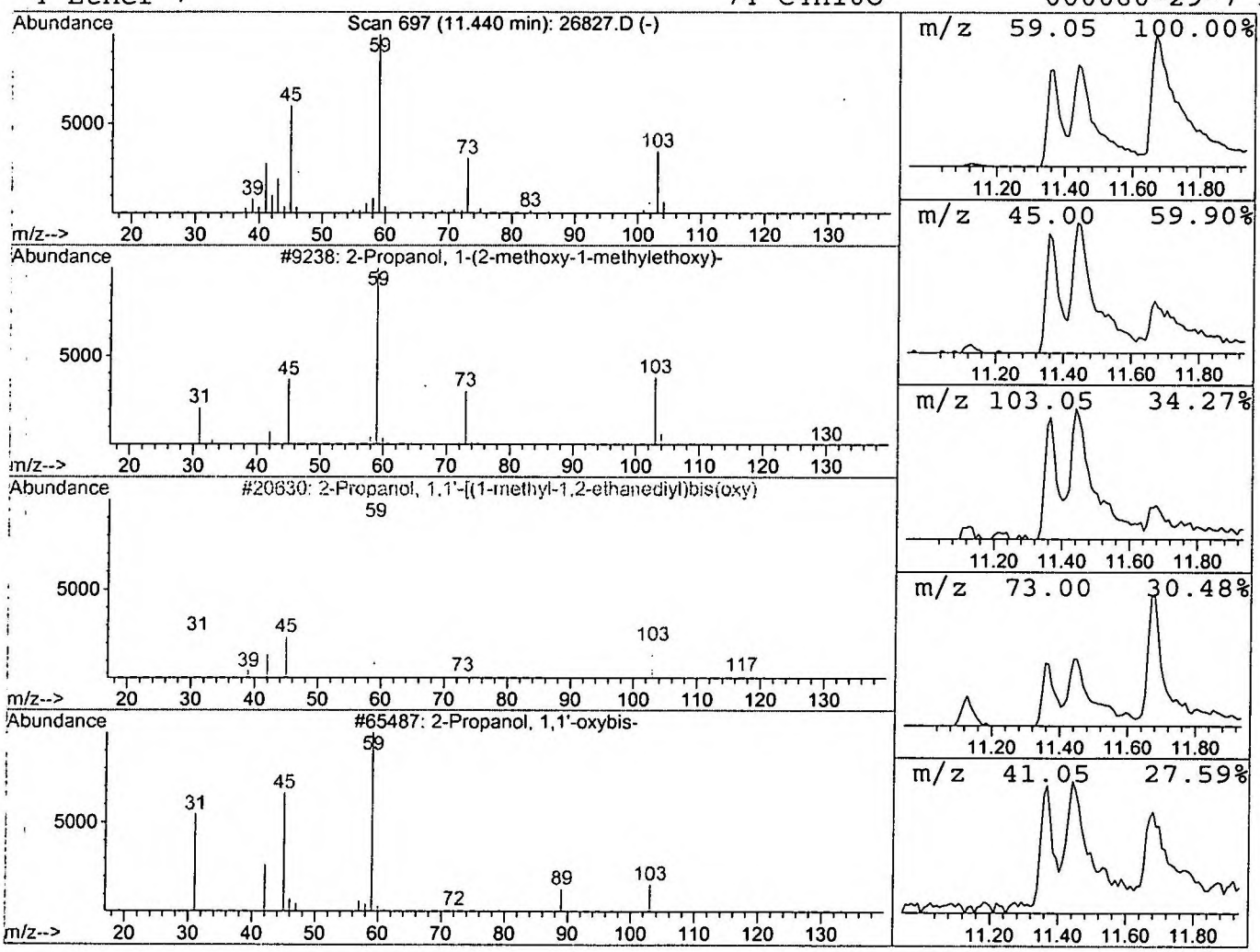
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.48 ug/l	158190	1,4-Dichlorobenzene-d4	11.68

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-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	36
4	Ether	74	C4H10O	000060-29-7	36



NYC-WTC_000032169

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\26827.D
Acq On : 27 Dec 2001 9:53 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

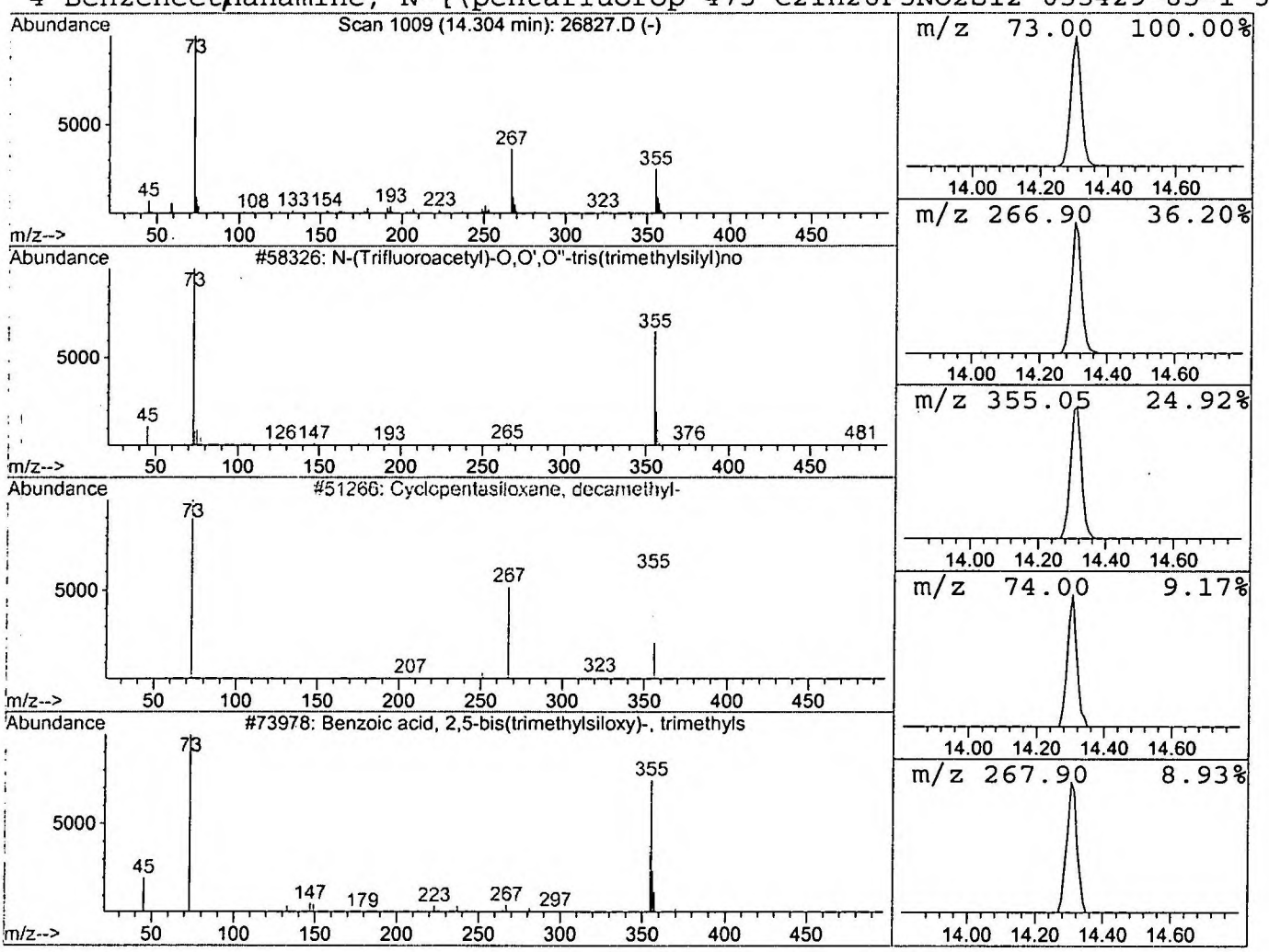
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 N-(Trifluoroacetyl)-O,O',O''-t Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	0.60 ug/l	244843	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	42
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	32



NYC-WTC_000032170

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Dec 2001 9:53 pm
Data File: C:\HPCHEM\1\DATA\DEC2701\26827.D
Name: GC/MS SCAN 12/13
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	7.61	4.3	ug/l	1417590	ISTD01	11.68	6617100	20.0
2-Propanone, 1,1,1-t	7.76	0.5	ug/l	159716	ISTD01	11.68	6617100	20.0
2-Propanol, 1-(2-met	11.44	0.5	ug/l	158190	ISTD01	11.68	6617100	20.0
N-(Trifluoroacetyl)-	14.30	0.6	ug/l	244843	ISTD02	15.28	8119730	20.0

26827.D GCMS1126.M Fri Dec 28 14:53:46 2001