

# Jain University, CNMS

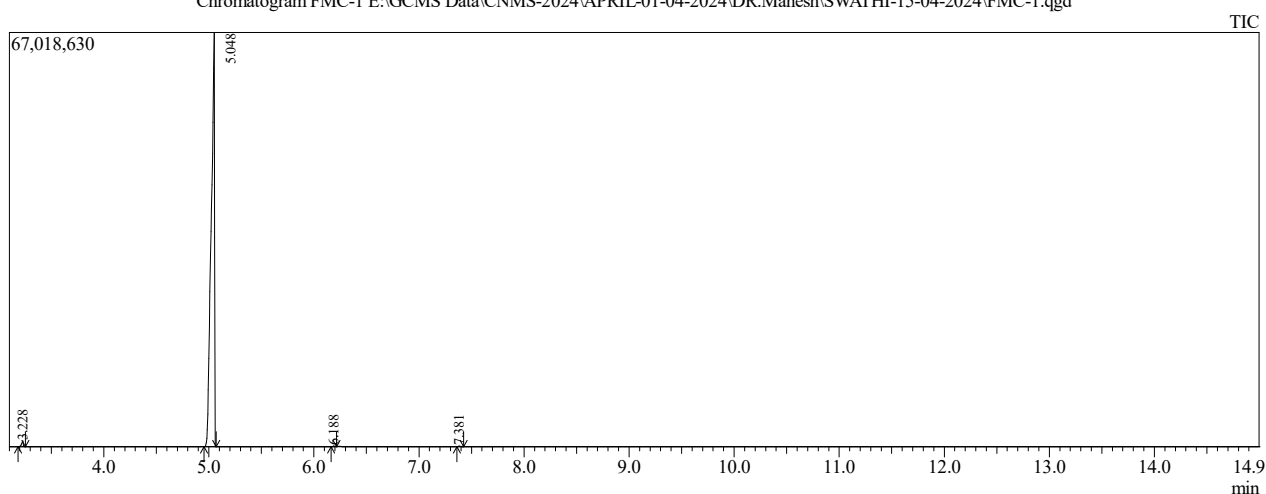
## GCMS Report

16-04-2024 09:54:01

### Sample Information

Analyzed by : CNMS  
Analyzed : 4/15/2024 5:26:34 PM  
Sample Type : Unknown  
Level # : 1  
Sample Name : FMC-1  
Sample ID : 15  
IS Amount : [1]=1  
Sample Amount : 1  
Dilution Factor : 1  
Vial # : 5  
Injection Volume : 1.00  
Data File : E:\GCMS Data\CNMS-2024\APRIL-01-04-2024\DR.Mahesh\SWATHI-15-04-2024\FMC-1.qgd  
Org Data File : E:\GCMS Data\CNMS-2024\APRIL-01-04-2024\DR.Mahesh\SWATHI-15-04-2024\FMC-1.qgd  
Method File : E:\GCMS Data\CNMS-2024\APRIL-01-04-2024\DR.Mahesh\SWATHI-15-04-2024\General CNMS Method -10.qgm  
Org Method File : E:\GCMS Data\CNMS-2024\APRIL-01-04-2024\DR.Mahesh\SWATHI-15-04-2024\General CNMS Method -10.qgm  
Report File :  
Tuning File : E:\GCMS Data\MS tuning file20231016 recent.qgt  
Modified by : CNMS  
Modified : 4/15/2024 5:41:35 PM

Chromatogram FMC-1 E:\GCMS Data\CNMS-2024\APRIL-01-04-2024\DR.Mahesh\SWATHI-15-04-2024\FMC-1.qgd



Peak Report TIC										
Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	Height%	A/H	Mark	Name
1	3.228	3.185	3.255	1022169	0.69	957094	1.40	1.07		2-Furanmethanol
2	5.048	4.955	5.070	145982414	99.13	66994185	98.28	2.18		Cyclopropanecarboxylic acid, 2-meth
3	6.188	6.165	6.215	99204	0.07	83359	0.12	1.19		Furan, 2,2'-[oxybis(methylene)]bis-
4	7.381	7.360	7.425	166866	0.11	129436	0.19	1.29		3-Methyl-1-penten-4-yn-3-ol
				147270653	100.00	68164074	100.00			

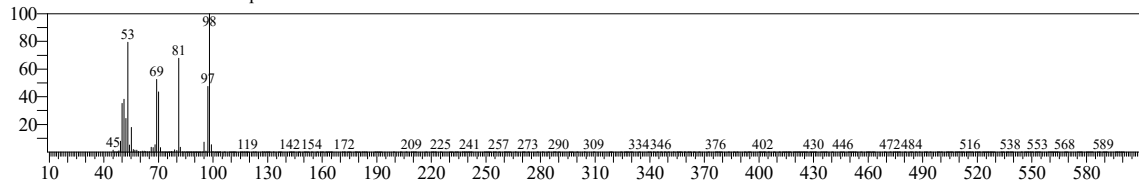
### Library

<< Target >>

Line#:1 R.Time:3.230(Scan#:27) MassPeaks:314

RawMode:Averaged 3.225-3.235(26-28) BasePeak:98.05(119027)

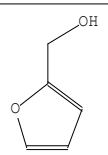
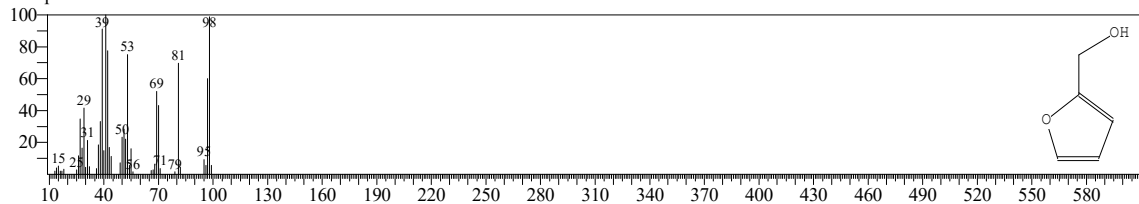
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:3418 Library:NIST17.lib

SI:96 Formula:C5H6O2 CAS:98-00-0 MolWeight:98 RetIndex:885

CompName:2-Furanmethanol



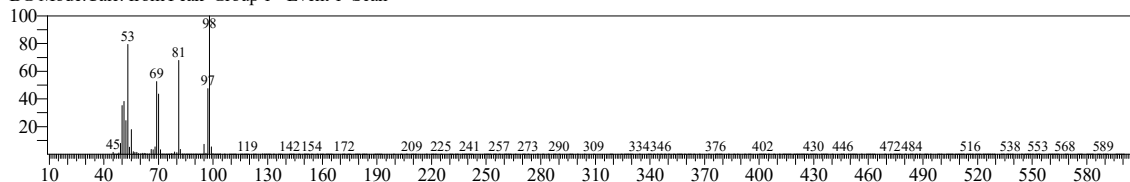
**Jain University, CNMS**  
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**16-04-2024 09:54:01**

<< Target >>

Line#:1 R.Time:3.230(Scan#:27) MassPeaks:314

RawMode:Averaged 3.225-3.235(26-28) BasePeak:98.05(119027)

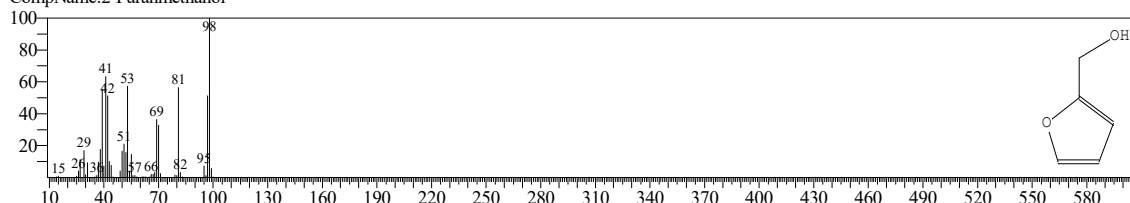
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:2 Entry:3412 Library:NIST17.lib

SI:93 Formula:C5H6O2 CAS:98-00-0 MolWeight:98 RetIndex:885

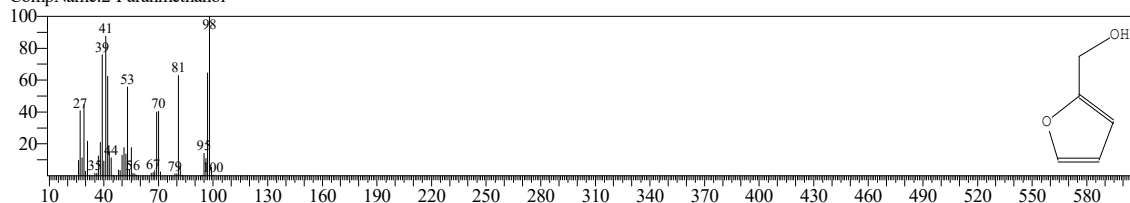
CompName:2-Furanmethanol



Hit#:3 Entry:3433 Library:NIST17.lib

SI:92 Formula:C5H6O2 CAS:98-00-0 MolWeight:98 RetIndex:885

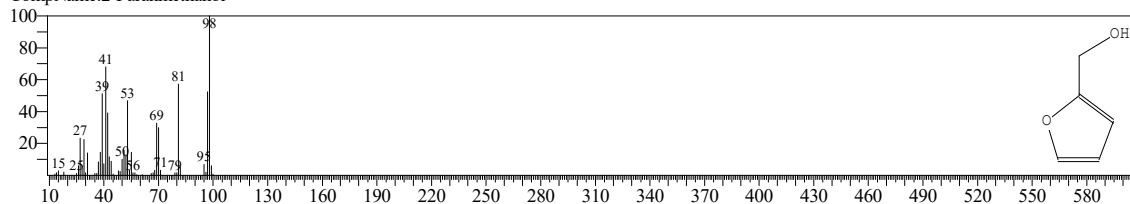
CompName:2-Furanmethanol



Hit#:4 Entry:3436 Library:NIST17.lib

SI:91 Formula:C5H6O2 CAS:98-00-0 MolWeight:98 RetIndex:885

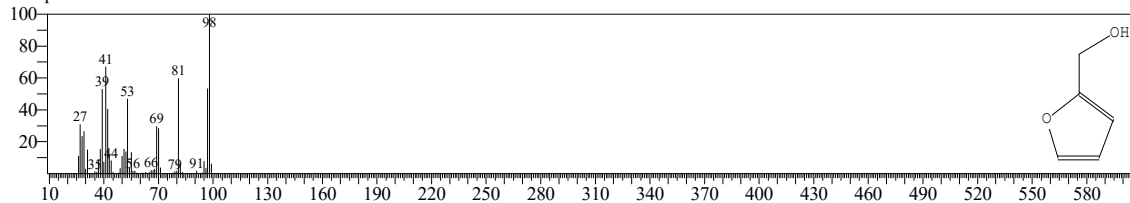
CompName:2-Furanmethanol



Hit#:5 Entry:3435 Library:NIST17.lib

SI:91 Formula:C5H6O2 CAS:98-00-0 MolWeight:98 RetIndex:885

CompName:2-Furanmethanol



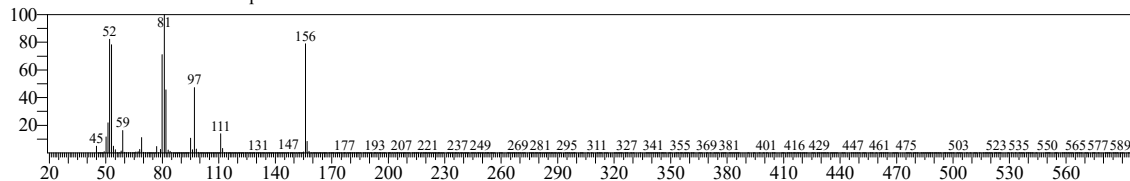
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<< Target >>

Line#:2 R.Time:5.050(Scan#:391) MassPeaks:435

RawMode:Averaged 5.045-5.055(390-392) BasePeak:81.05(8404959)

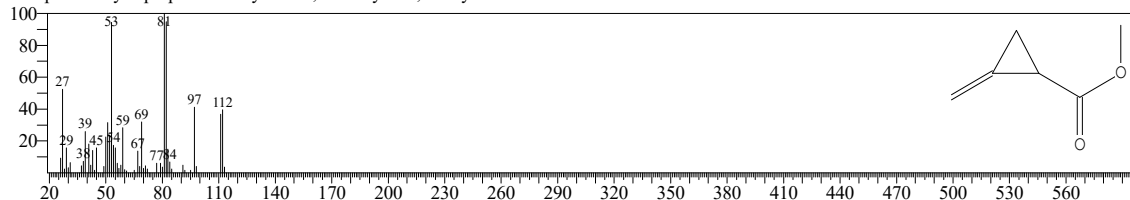
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:7020 Library:NIST17.lib

SI:77 Formula:C<sub>6</sub>H<sub>8</sub>O<sub>2</sub> CAS:88787-23-9 MolWeight:112 RetIndex:754

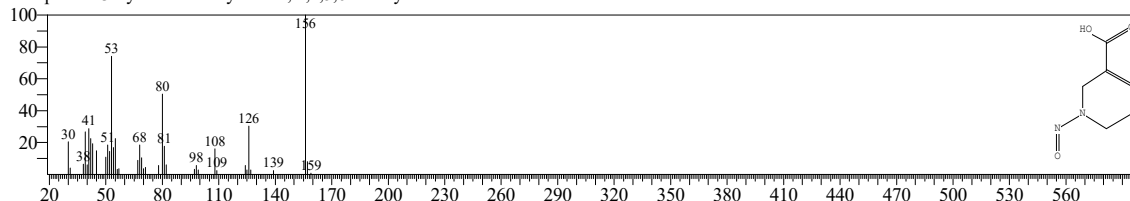
CompName:Cyclopropanecarboxylic acid, 2-methylene-, methyl ester



Hit#:2 Entry:31723 Library:NIST17.lib

SI:72 Formula:C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub> CAS:55557-01-2 MolWeight:156 RetIndex:1595

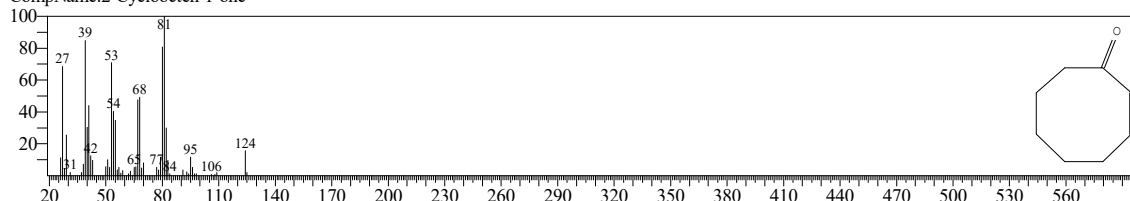
CompName:3-Pyridinecarboxylic acid, 1,2,5,6-tetrahydro-1-nitroso-



Hit#:3 Entry:11739 Library:NIST17.lib

SI:72 Formula:C<sub>8</sub>H<sub>12</sub>O CAS:1728-25-2 MolWeight:124 RetIndex:1113

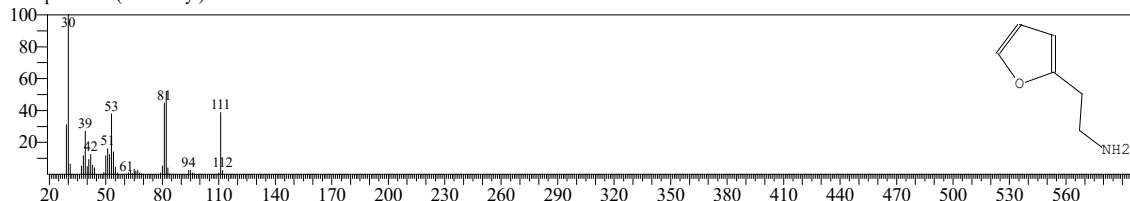
CompName:2-Cycloocten-1-one



Hit#:4 Entry:6765 Library:NIST17.lib

SI:72 Formula:C<sub>6</sub>H<sub>9</sub>NO CAS:1121-46-6 MolWeight:111 RetIndex:985

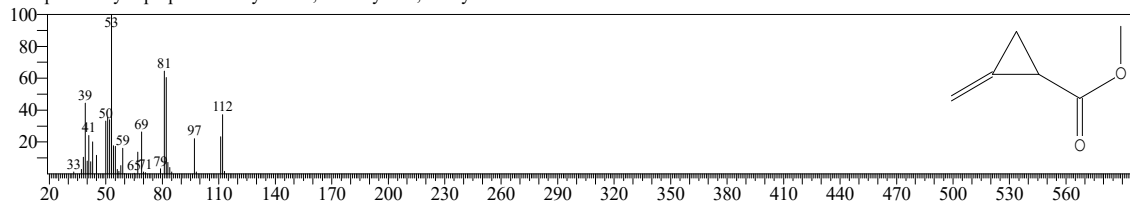
CompName:2-(Furan-2-yl)ethan-1-amine



Hit#:5 Entry:7041 Library:NIST17.lib

SI:71 Formula:C<sub>6</sub>H<sub>8</sub>O<sub>2</sub> CAS:88787-23-9 MolWeight:112 RetIndex:754

CompName:Cyclopropanecarboxylic acid, 2-methylene-, methyl ester



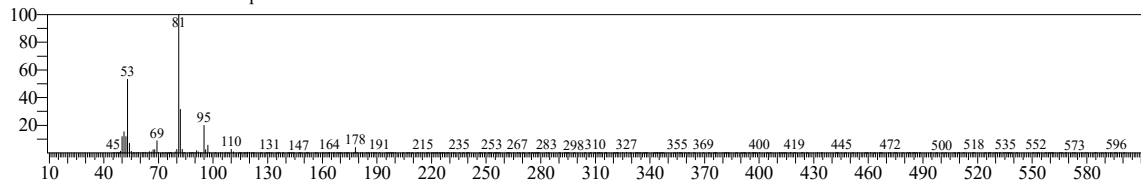
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<< Target >>

Line#:3 R.Time:6.190(Scan#:619) MassPeaks:297

RawMode:Averaged 6.185-6.195(618-620) BasePeak:81.05(24097)

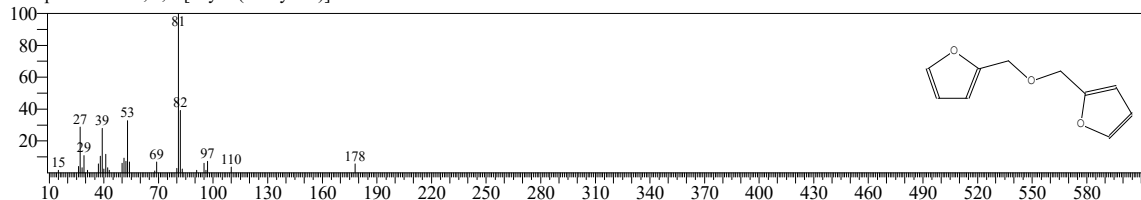
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:50166 Library:NIST17.lib

SI:91 Formula:C<sub>10</sub>H<sub>10</sub>O<sub>3</sub> CAS:4437-22-3 MolWeight:178 RetIndex:1340

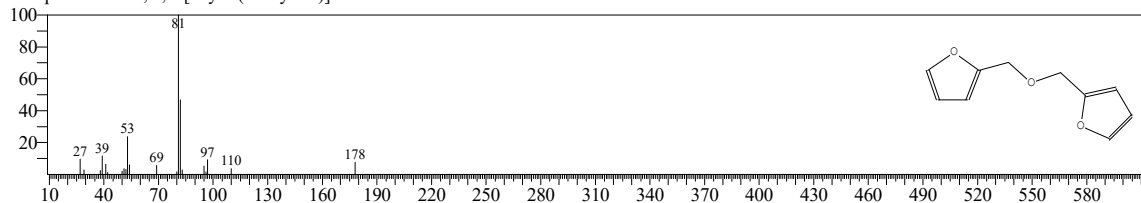
CompName:Furan, 2,2'-(oxybis(methylene))bis-



Hit#:2 Entry:50167 Library:NIST17.lib

SI:86 Formula:C<sub>10</sub>H<sub>10</sub>O<sub>3</sub> CAS:4437-22-3 MolWeight:178 RetIndex:1340

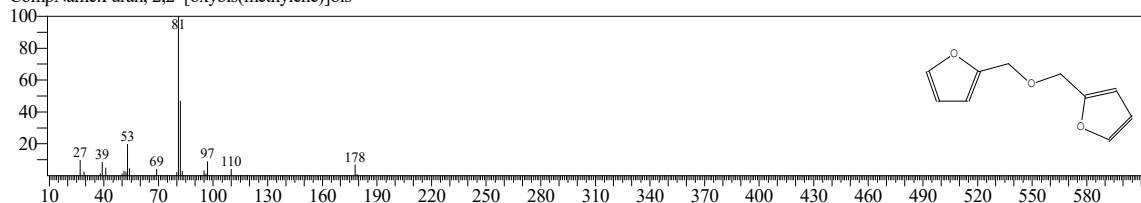
CompName:Furan, 2,2'-(oxybis(methylene))bis-



Hit#:3 Entry:50098 Library:NIST17.lib

SI:85 Formula:C<sub>10</sub>H<sub>10</sub>O<sub>3</sub> CAS:4437-22-3 MolWeight:178 RetIndex:1340

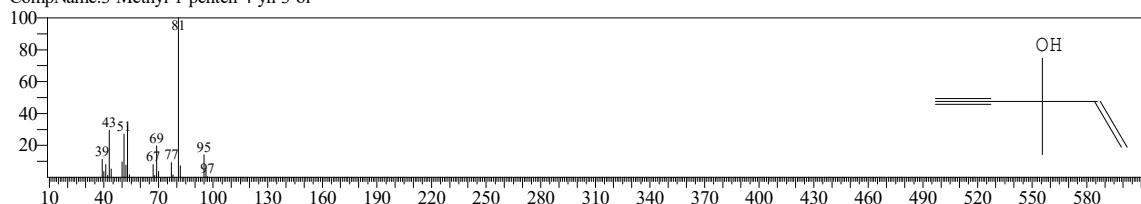
CompName:Furan, 2,2'-(oxybis(methylene))bis-



Hit#:4 Entry:3112 Library:NIST17.lib

SI:85 Formula:C<sub>6</sub>H<sub>8</sub>O CAS:3230-69-1 MolWeight:96 RetIndex:697

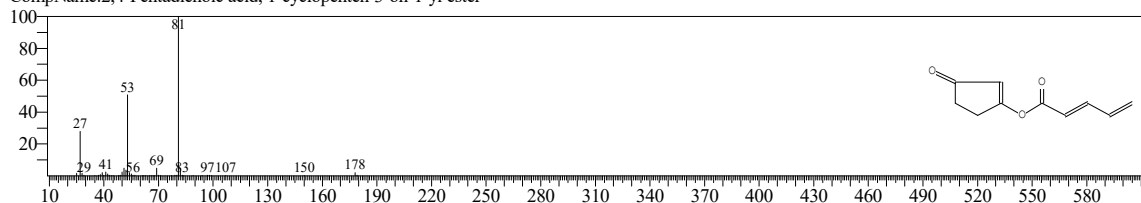
CompName:3-Methyl-1-penten-4-yn-3-ol



Hit#:5 Entry:50096 Library:NIST17.lib

SI:84 Formula:C<sub>10</sub>H<sub>10</sub>O<sub>3</sub> CAS:0-00-0 MolWeight:178 RetIndex:1406

CompName:2,4-Pentadienoic acid, 1-cyclopenten-3-on-1-yl ester



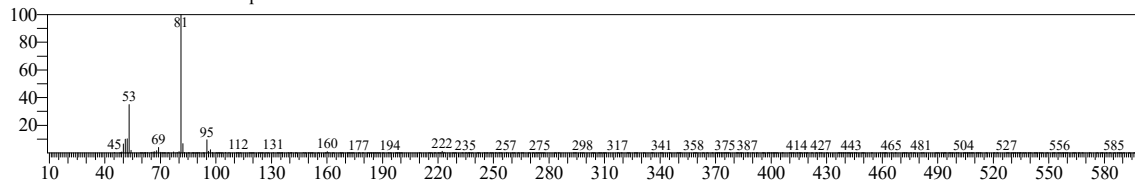
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<< Target >>

Line#:4 R.Time:7.380(Scan#:857) MassPeaks:295

RawMode:Averaged 7.375-7.385(856-858) BasePeak:81.05(52010)

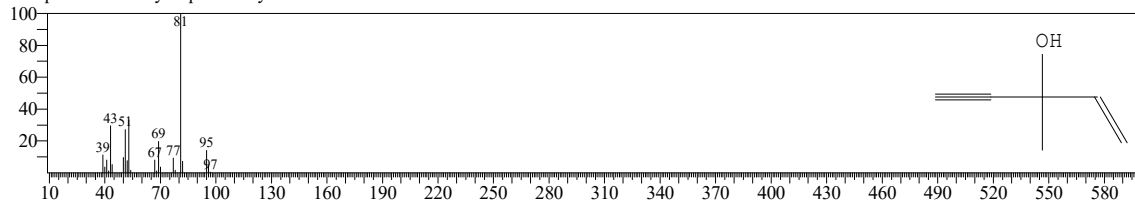
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:3112 Library:NIST17.lib

SI:90 Formula:C6H8O CAS:3230-69-1 MolWeight:96 RetIndex:697

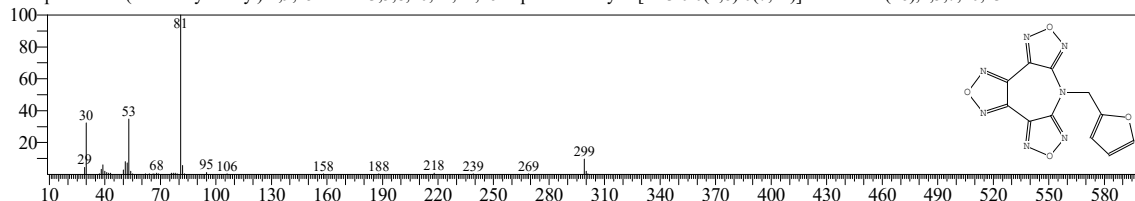
CompName:3-Methyl-1-penten-4-yn-3-ol



Hit#:2 Entry:175075 Library:NIST17.lib

SI:89 Formula:C11H5N7O4 CAS:0-00-0 MolWeight:299 RetIndex:2518

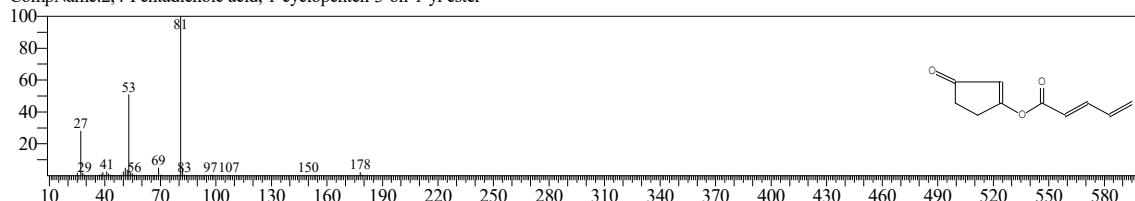
CompName:12-(Furan-2-ylmethyl)-4,9,15-trioxa-3,5,8,10,12,14,16-heptaazatetracyclo[11.3.0.0(2,6).0(7,11)]hexadeca-1(16),2,5,7,10,13-hexaene



Hit#:3 Entry:50096 Library:NIST17.lib

SI:89 Formula:C10H10O3 CAS:0-00-0 MolWeight:178 RetIndex:1406

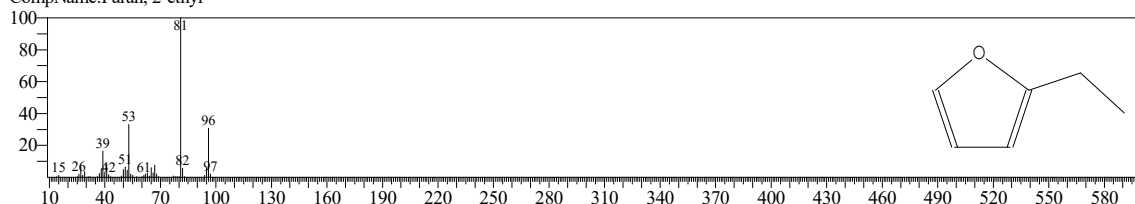
CompName:2,4-Pentadienoic acid, 1-cyclopenten-3-on-1-yl ester



Hit#:4 Entry:3113 Library:NIST17.lib

SI:89 Formula:C6H8O CAS:3208-16-0 MolWeight:96 RetIndex:742

CompName:Furan, 2-ethyl-



Hit#:5 Entry:50166 Library:NIST17.lib

SI:89 Formula:C10H10O3 CAS:4437-22-3 MolWeight:178 RetIndex:1340

CompName:Furan, 2,2'-[oxybis(methylene)]bis-

