

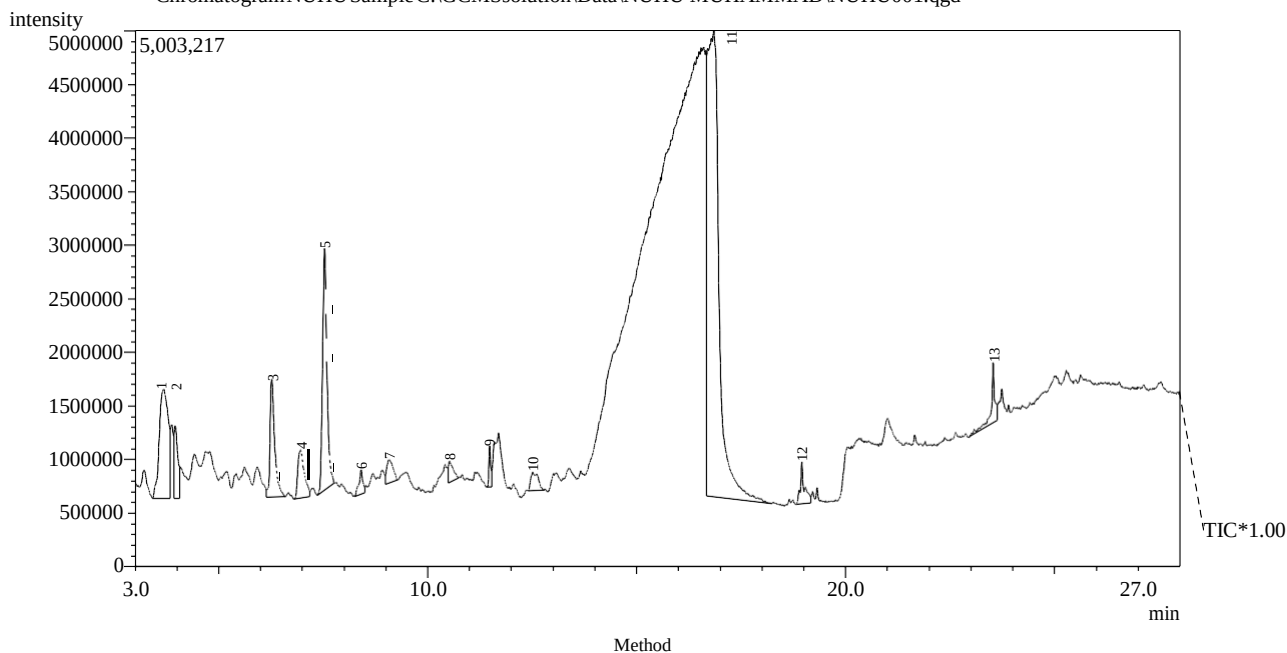
GCMS-QP2010 PLUS
SHIMADZU, JAPAN

GCMS ANALYSIS

NUHU MUHAMMAD

SAMPLE: PLANT EXTRACT

Chromatogram Nuhu Sample C:\GCMSsolution\Data\NUHU MUHAMMAD\NUHU001.qgd



[Comment]

===== Analytical Line 1 =====

[AOC-20i]

# of Rinses with Presolvent	4
# of Rinses with Solvent(post)	4
# of Rinses with Sample	3
Plunger Speed(Suction)	:High
Viscosity Comp. Time	:0.2 sec
Plunger Speed(Injection)	:High
Syringe Insertion Speed	:High
Injection Mode	:Normal
Pumping Times	5
Inj. Port Dwell Time	:0.3 sec
Terminal Air Gap	:No
Plunger Washing Speed	:High
Washing Volume	:8uL
Syringe Suction Position	:0.0 mm
Syringe Injection Position	:0.0 mm
Use 3 Solvent Vial	:1 vial

[GC-2010]

Column Oven Temp.	:80.0 °C
Injection Temp.	:250.00 °C
Injection Mode	:Split
Flow Control Mode	:Linear Velocity
Pressure	:108.0 kPa
Total Flow	:6.2 mL/min
Column Flow	:1.58 mL/min
Linear Velocity	:46.3 cm/sec
Purge Flow	:3.0 mL/min
Split Ratio	:1.0
High Pressure Injection	:OFF
Carrier Gas Saver	:OFF
Splitter Hold	:OFF
Oven Temp. Program	

Rate	Temperature(°C)	Hold Time(min)
-	80.0	1.00
10.00	200.0	4.00
10.00	280.0	5.00

< Ready Check Heat Unit >

Column Oven : Yes
SPL2 : Yes
MS : Yes

< Ready Check Detector(FTD) >

< Ready Check Baseline Drift >

< Ready Check Injection Flow >

SPL2 Carrier : Yes
SPL2 Purge : Yes

< Ready Check APC Flow >

< Ready Check Detector APC Flow >

External Wait :No
Equilibrium Time :3.0 min

[GC Program]

[GCMS-QP2010 Plus]

IonSourceTemp :230.00 °C
Interface Temp. :250.00 °C
Solvent Cut Time :2.50 min
Detector Gain Mode :Relative
Detector Gain :0.00 kV
Threshold 1000

[MS Table]

--Group 1 - Event 1--

Start Time :3.00min
End Time :28.00min
ACQ Mode :Scan
Event Time :0.50sec
Scan Speed 1250
Start m/z :40.00
End m/z :600.00

Sample Inlet Unit :GC

[MS Program]

Use MS Program :OFF

Peak Report TIC									
Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	Height%	A/H	Mark Name
1	3.684	3.417	3.842	15560011	10.54	1019699	8.63	15.26	
2	3.958	3.925	4.067	4147038	2.81	676062	5.72	6.13	V
3	6.266	6.142	6.592	8434058	5.71	1096584	9.28	7.69	V
4	6.954	6.800	7.183	4846643	3.28	450692	3.81	10.75	
5	7.531	7.367	7.758	16344336	11.07	2259750	19.11	7.23	
6	8.405	8.258	8.492	1534391	1.04	232350	1.97	6.60	
7	9.069	8.992	9.283	2262320	1.53	219741	1.86	10.30	V
8	10.521	10.492	10.733	1492692	1.01	201654	1.71	7.40	V
9	11.481	11.408	11.525	1203323	0.82	381073	3.22	3.16	
10	12.509	12.408	12.783	2113344	1.43	176603	1.49	11.97	
11	16.849	16.675	18.225	83496905	56.56	4337179	36.69	19.25	V
12	18.959	18.825	19.175	2798762	1.90	330414	2.79	8.47	
13	23.537	22.975	23.625	3388535	2.30	440676	3.73	7.69	
				147622358	100.00	11822477	100.00		

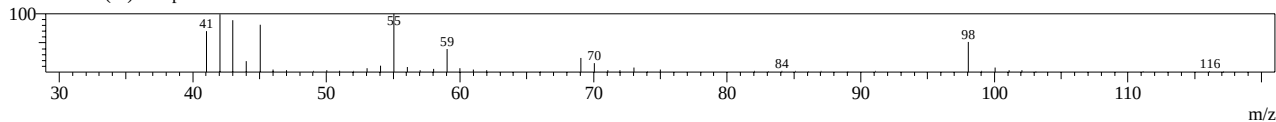
Spectrum

Line#:1 R.Time:3.7(Scan#:81)

MassPeaks:46

RawMode:Single 3.7(81) BasePeak:55(53229)

BG Mode:3.8(99) Group 1 - Event 1

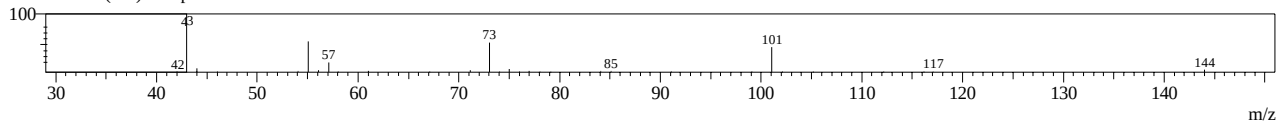


Line#:2 R.Time:4.0(Scan#:116)

MassPeaks:30

RawMode:Single 4.0(116) BasePeak:43(23112)

BG Mode:3.9(114) Group 1 - Event 1

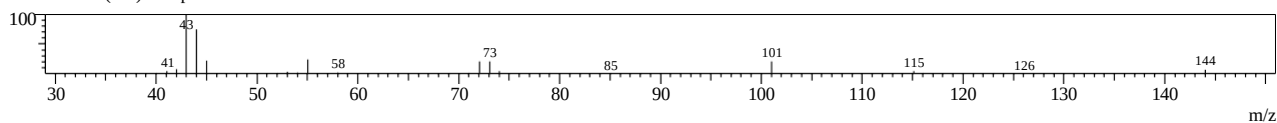


Line#:3 R.Time:6.3(Scan#:394)

MassPeaks:55

RawMode:Single 6.3(394) BasePeak:43(143547)

BG Mode:6.3(400) Group 1 - Event 1

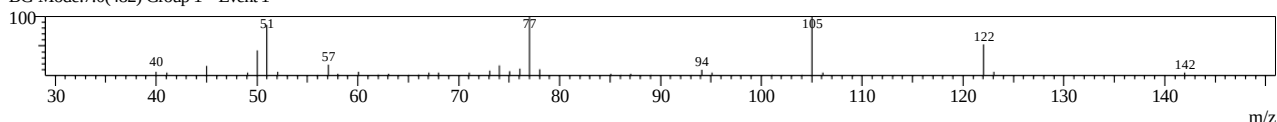


Line#:4 R.Time:7.0(Scan#:476)

MassPeaks:50

RawMode:Single 7.0(476) BasePeak:105(23913)

BG Mode:7.0(482) Group 1 - Event 1

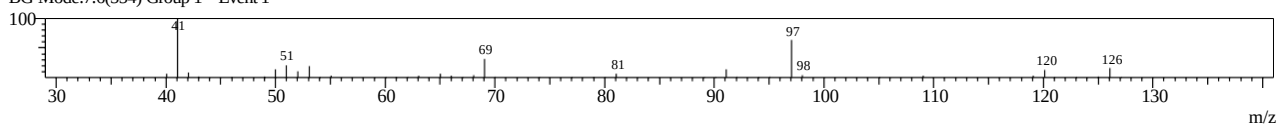


Line#:5 R.Time:7.5(Scan#:545)

MassPeaks:70

RawMode:Single 7.5(545) BasePeak:41(385936)

BG Mode:7.6(554) Group 1 - Event 1

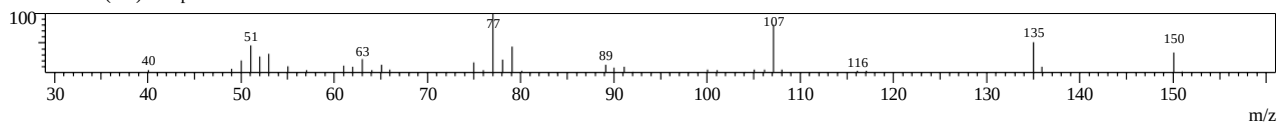


Line#:6 R.Time:8.4(Scan#:650)

MassPeaks:51

RawMode:Single 8.4(650) BasePeak:77(20776)

BG Mode:8.4(645) Group 1 - Event 1

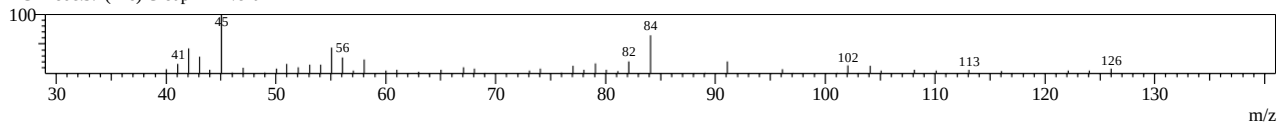


Line#:7 R.Time:9.1(Scan#:730)

MassPeaks:67

RawMode:Single 9.1(730) BasePeak:45(17767)

BG Mode:9.2(746) Group 1 - Event 1

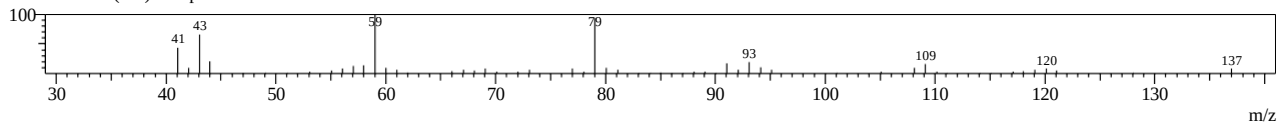


Line#:8 R.Time:10.5(Scan#:904)

MassPeaks:58

RawMode:Single 10.5(904) BasePeak:59(12559)

BG Mode:10.5(897) Group 1 - Event 1

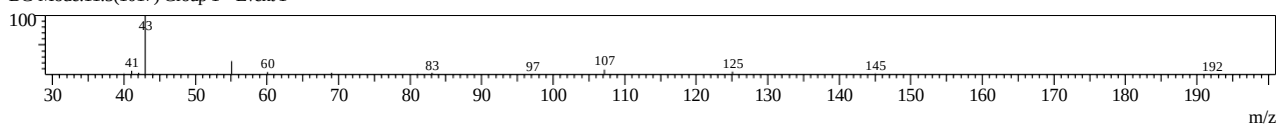


Line#:9 R.Time:11.5(Scan#:1018)

MassPeaks:61

RawMode:Single 11.5(1018) BasePeak:43(45368)

BG Mode:11.5(1017) Group 1 - Event 1

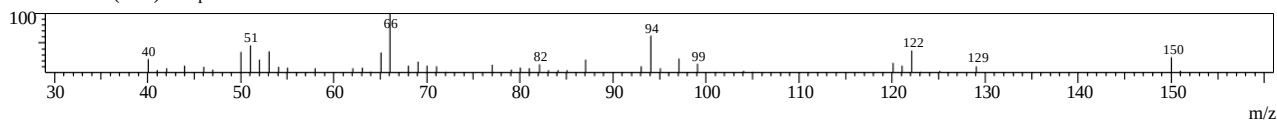


Line#:10 R.Time:12.5(Scan#:1142)

MassPeaks:58

RawMode:Single 12.5(1142) BasePeak:66(6824)

BG Mode:12.6(1147) Group 1 - Event 1

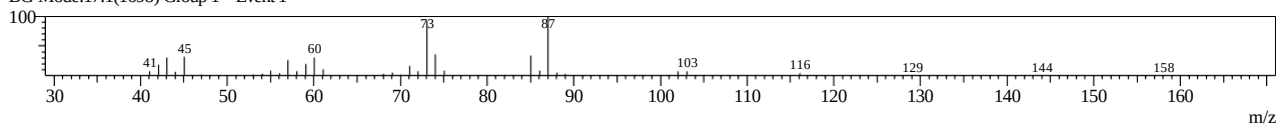


Line#:11 R.Time:16.8(Scan#:1661)

MassPeaks:79

RawMode:Single 16.8(1661) BasePeak:87(672569)

BG Mode:17.1(1698) Group 1 - Event 1

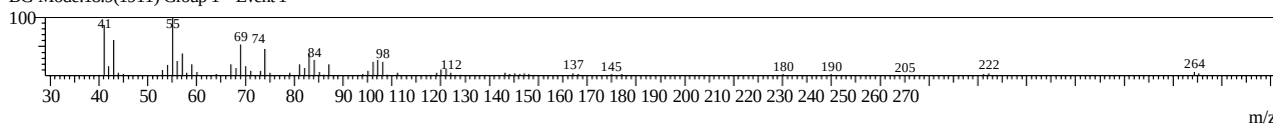


Line#:12 R.Time:18.9(Scan#:1915)

MassPeaks:85

RawMode:Single 18.9(1915) BasePeak:55(30407)

BG Mode:18.9(1911) Group 1 - Event 1

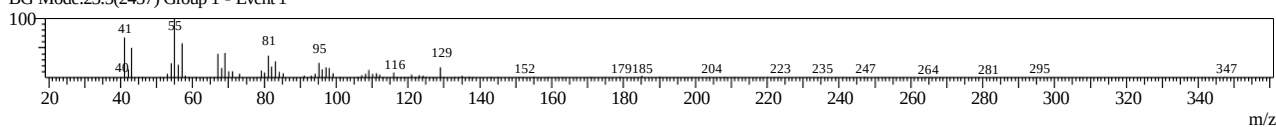


Line#:13 R.Time:23.5(Scan#:2465)

MassPeaks:122

RawMode:Single 23.5(2465) BasePeak:55(57687)

BG Mode:23.5(2457) Group 1 - Event 1



Spectrum Comparison

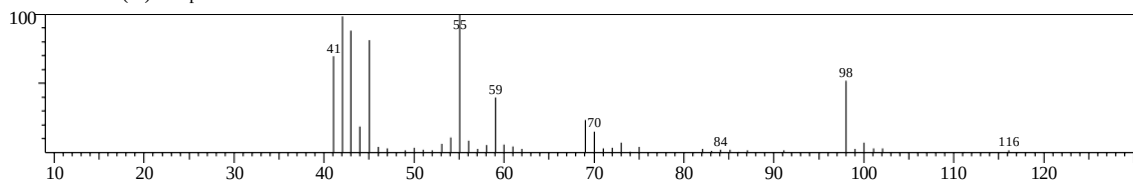
Library

<< Target >>

Line#:1 R.Time:3.667(Scan#:81) MassPeaks:46

RawMode:Single 3.667(81) BasePeak:55.05(53229)

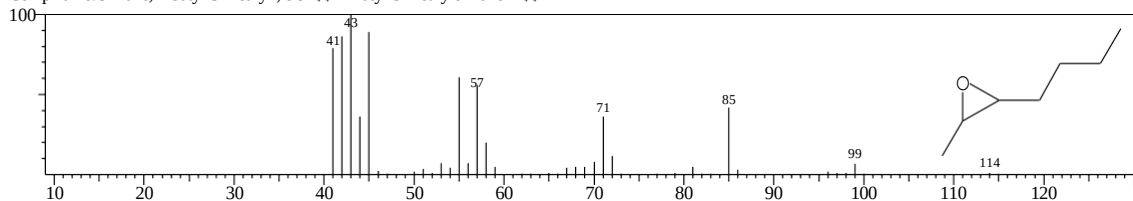
BG Mode:3.817(99) Group 1 - Event 1



Hit#:1 Entry:4057 Library:NIST05.LIB

SI:82 Formula:C7H14O CAS:56052-93-8 MolWeight:114 RetIndex:769

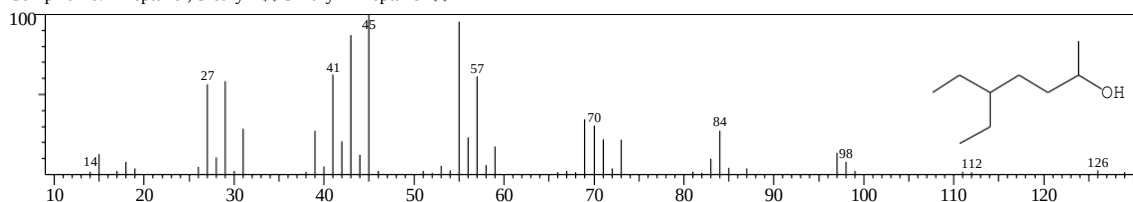
CompName:Oxirane, 2-butyl-3-methyl-, cis- \$\$\$ 2-Butyl-3-methyloxirane # \$\$\$



Hit#:2 Entry:7562 Library:NIST05s.LIB

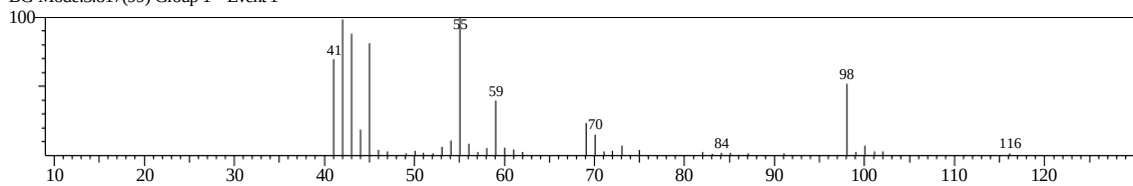
SI:82 Formula:C9H20O CAS:19780-40-6 MolWeight:144 RetIndex:1014

CompName:2-Heptanol, 5-ethyl- \$\$\$ 5-Ethyl-2-heptanol \$\$\$



<< Target >>

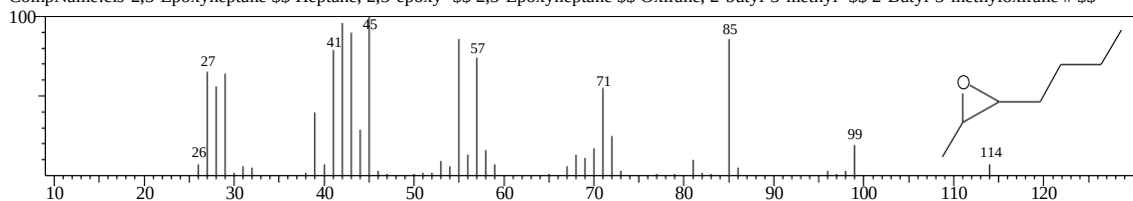
Line#:1 R.Time:3.667(Scan#:81) MassPeaks:46
RawMode:Single 3.667(81) BasePeak:55.05(53229)
BG Mode:3.817(99) Group 1 - Event 1



Hit#:3 Entry:4079 Library:NIST05.LIB

SI:81 Formula:C7H14O CAS:14925-96-3 MolWeight:114 RetIndex:769

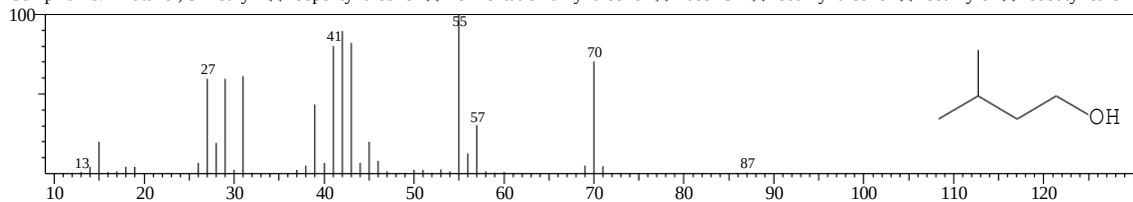
CompName:cis-2,3-Epoxyheptane \$\$ Heptane, 2,3-epoxy- \$\$ 2,3-Epoxyheptane \$\$ Oxirane, 2-butyl-3-methyl- \$\$ 2-Butyl-3-methyloxirane # \$\$



Hit#:4 Entry:1027 Library:NIST05.LIB

SI:81 Formula:C5H12O CAS:123-51-3 MolWeight:88 RetIndex:697

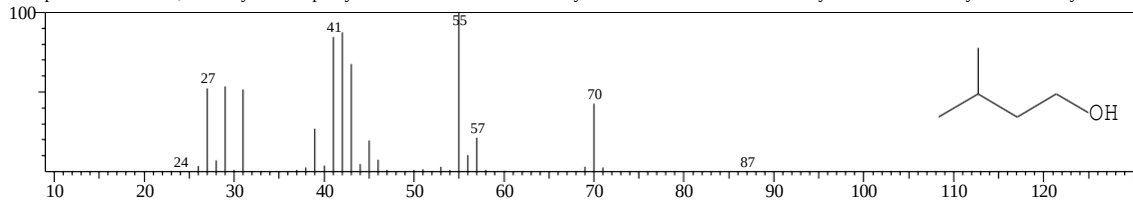
CompName:1-Butanol, 3-methyl- \$\$ Isopentyl alcohol \$\$ Fermentation amyl alcohol \$\$ Fusel Oil \$\$ Isoamyl alcohol \$\$ Isoamylol \$\$ Isobutyl carbinol \$\$ Isope



Hit#:5 Entry:1052 Library:NIST05s.LIB

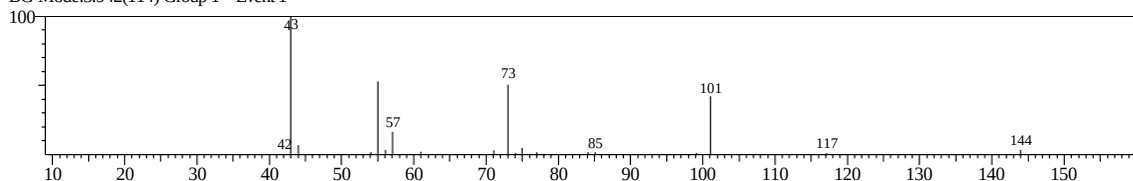
SI:80 Formula:C5H12O CAS:123-51-3 MolWeight:88 RetIndex:697

CompName:1-Butanol, 3-methyl- \$\$ Isopentyl alcohol \$\$ Fermentation amyl alcohol \$\$ Fusel Oil \$\$ Isoamyl alcohol \$\$ Isoamylol \$\$ Isobutyl carbinol \$\$ Isope



<< Target >>

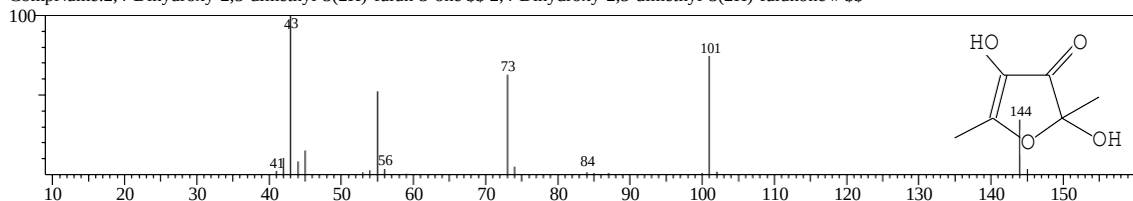
Line#2 R.Time:3.958(Scan#:116) MassPeaks:30
RawMode:Single 3.958(116) BasePeak:43.00(23112)
BG Mode:3.942(114) Group 1 - Event 1



Hit#1 Entry:12371 Library:NIST05.LIB

SI:85 Formula:C₆H₈O₄ CAS:10230-62-3 MolWeight:144 RetIndex:1173

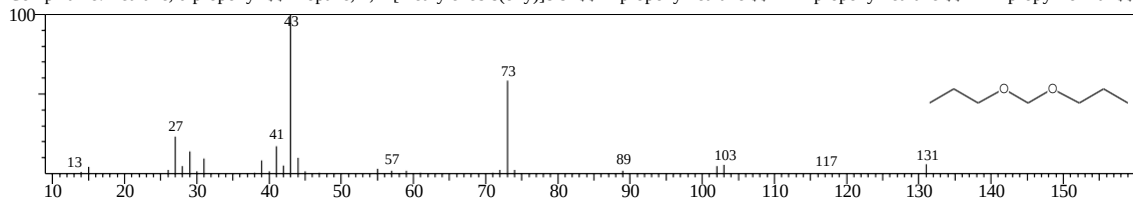
CompName:2,4-Dihydroxy-2,5-dimethyl-3(2H)-furan-3-one \$\$ 2,4-Dihydroxy-2,5-dimethyl-3(2H)-furanone # \$\$



Hit#2 Entry:8307 Library:NIST05.LIB

SI:79 Formula:C₇H₁₆O₂ CAS:505-84-0 MolWeight:132 RetIndex:869

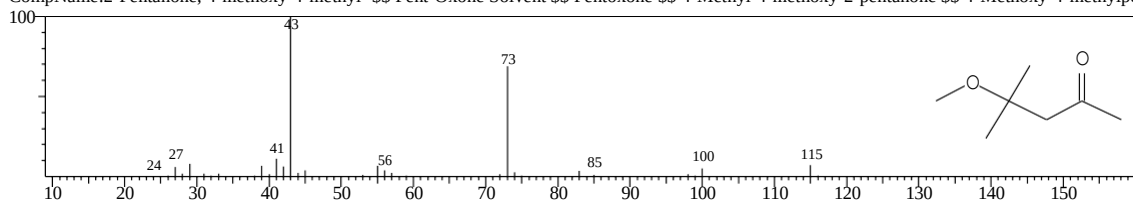
CompName:Methane, dipropoxy- \$\$ Propane, 1,1'-[methylenebis(oxy)]bis- \$\$ Dipropoxymethane \$\$ Di-n-propoxymethane \$\$ Di-n-propyl formal \$\$ Propylal S



Hit#3 Entry:5265 Library:NIST05.LIB

SI:78 Formula:C₇H₁₄O₂ CAS:107-70-0 MolWeight:130 RetIndex:844

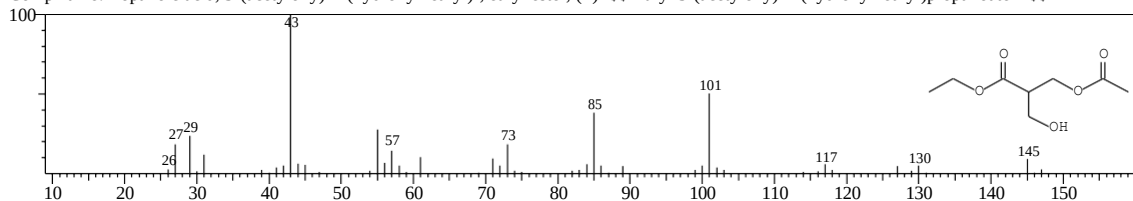
CompName:2-Pentanone, 4-methoxy-4-methyl- \$\$ Pent-Oxone Solvent \$\$ Pentoxone \$\$ 4-Methyl-4-methoxy-2-pentanone \$\$ 4-Methoxy-4-methylpentan-2-on



Hit#4 Entry:35016 Library:NIST05.LIB

SI:78 Formula:C₈H₁₄O₅ CAS:125476-48-4 MolWeight:190 RetIndex:1330

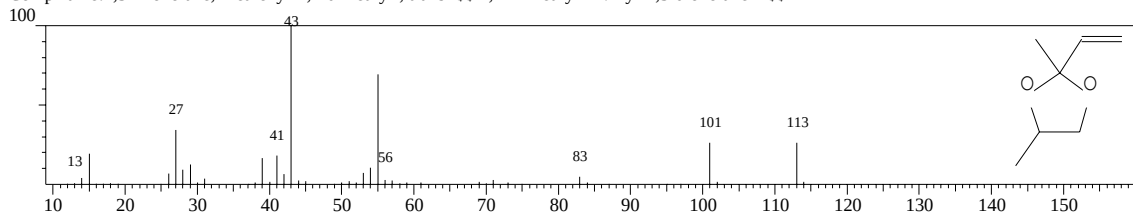
CompName:Propanoic acid, 3-(acetyloxy)-2-(hydroxymethyl)-, ethyl ester, (+)- \$\$ Ethyl 3-(acetyloxy)-2-(hydroxymethyl)propanoate # \$\$



Hit#5 Entry:6983 Library:NIST05.LIB

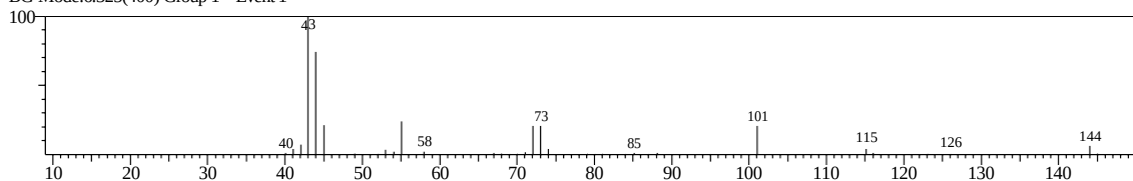
SI:78 Formula:C₇H₁₂O₂ CAS:55683-34-6 MolWeight:128 RetIndex:863

CompName:1,3-Dioxolane, 2-ethenyl-2,4-dimethyl-, trans- \$\$ 2,4-Dimethyl-2-vinyl-1,3-dioxolane # \$\$



<< Target >>

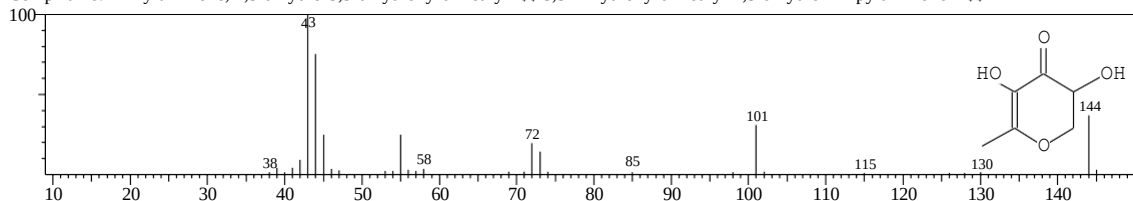
Line#3 R.Time:6.275(Scan#:394) MassPeaks:55
RawMode:Single 6.275(394) BasePeak:43.00(143547)
BG Mode:6.325(400) Group 1 - Event 1



Hit#1 Entry:12367 Library:NIST05.LIB

SI:91 Formula:C₆H₈O₄ CAS:28564-83-2 MolWeight:144 RetIndex:1269

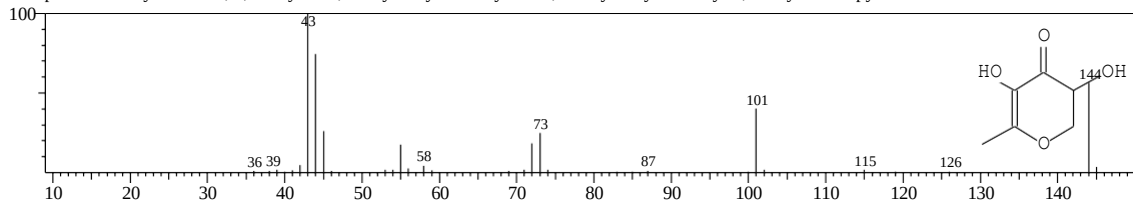
CompName:4H-Pyran-4-one, 2,3-dihydro-3,5-dihydroxy-6-methyl- \$\$ 3,5-Dihydroxy-6-methyl-2,3-dihydro-4H-pyran-4-one # \$\$



Hit#2 Entry:7403 Library:NIST05s.LIB

SI:90 Formula:C₆H₈O₄ CAS:28564-83-2 MolWeight:144 RetIndex:1269

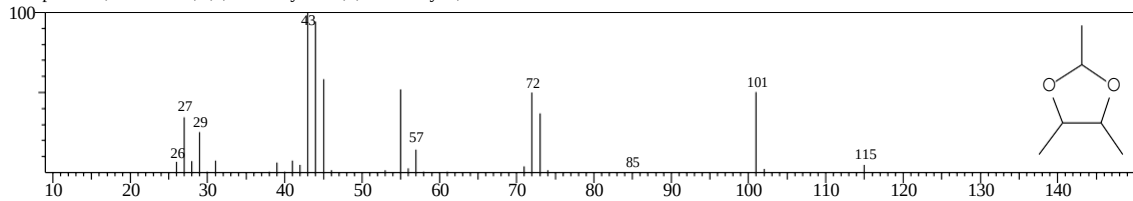
CompName:4H-Pyran-4-one, 2,3-dihydro-3,5-dihydroxy-6-methyl- \$\$ 3,5-Dihydroxy-6-methyl-2,3-dihydro-4H-pyran-4-one # \$\$



Hit#3 Entry:4455 Library:NIST05.LIB

SI:84 Formula:C₆H₁₂O₂ CAS:3299-32-9 MolWeight:116 RetIndex:761

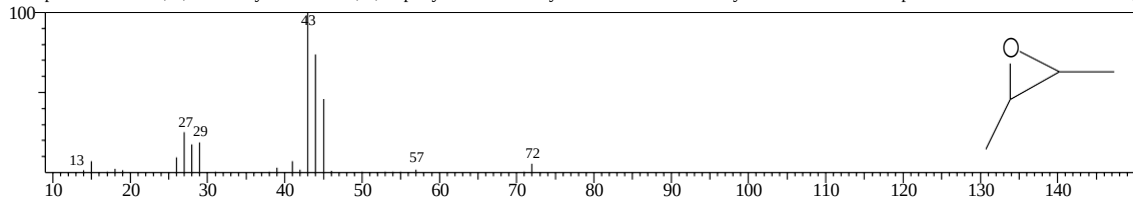
CompName:1,3-Dioxolane, 2,4,5-trimethyl- \$\$ 2,4,5-Trimethyl-1,3-dioxolane # \$\$



Hit#4 Entry:316 Library:NIST05.LIB

SI:81 Formula:C₄H₈O CAS:3266-23-7 MolWeight:72 RetIndex:471

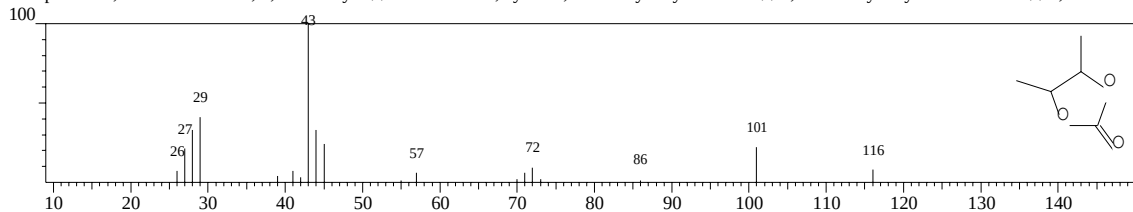
CompName:Oxirane, 2,3-dimethyl- \$\$ Butane, 2,3-epoxy- \$\$.beta.-Butylene oxide \$\$.beta.-Oxybutene \$\$ 2-Butene epoxide \$\$ 2-Butene oxide \$\$ 2,3-Butylen



Hit#5 Entry:4396 Library:NIST05.LIB

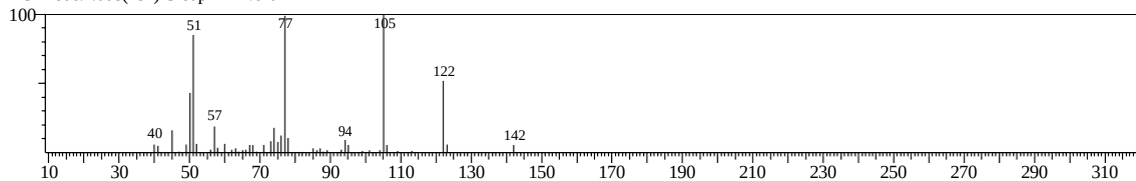
SI:81 Formula:C₅H₈O₃ CAS:4437-70-1 MolWeight:116 RetIndex:936

CompName:1,3-Dioxolan-2-one, 4,5-dimethyl- \$\$ Carbonic acid, cyclic 1,2-dimethylethylene ester \$\$ 1,2-Dimethylethylene carbonate \$\$ 2,3-Butanediol cyclic



<< Target >>

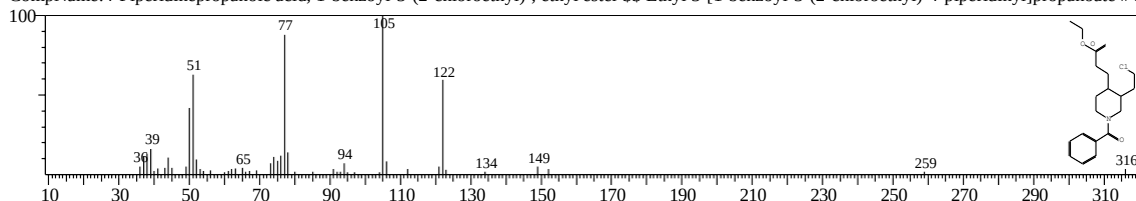
Line#:4 R.Time:6.958(Scan#:476) MassPeaks:50
RawMode:Single 6.958(476) BasePeak:105.05(23913)
BG Mode:7.008(482) Group 1 - Event 1



Hit#:1 Entry:127551 Library:NIST05.LIB

SI:85 Formula:C₁₉H₂₆ClNO₃ CAS:77572-69-1 MolWeight:351 RetIndex:2653

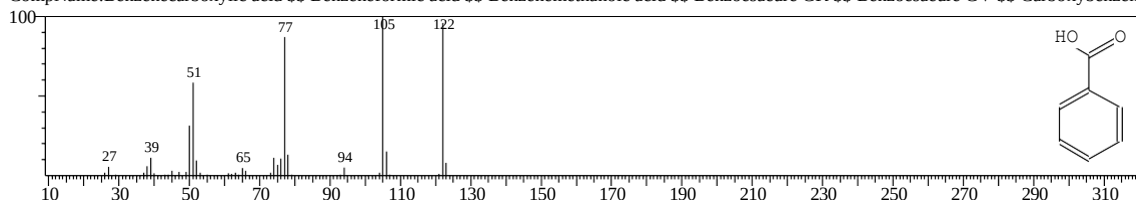
CompName:4-Piperidinepropanoic acid, 1-benzoyl-3-(2-chloroethyl)-, ethyl ester \$\$ Ethyl 3-[1-benzoyl-3-(2-chloroethyl)-4-piperidiny]propanoate # \$\$



Hit#:2 Entry:5417 Library:NIST05.LIB

SI:85 Formula:C₇H₆O₂ CAS:65-85-0 MolWeight:122 RetIndex:1150

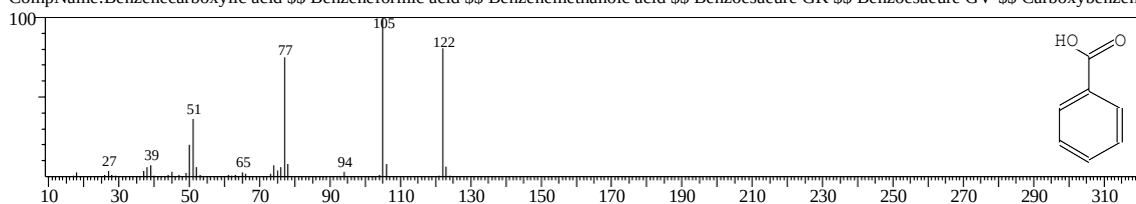
CompName:Benzenecarboxylic acid \$\$ Benzeneformic acid \$\$ Benzenemethanoic acid \$\$ Benzoesaure GK \$\$ Benzoesaure GV \$\$ Carboxybenzene \$\$ Dracy



Hit#:3 Entry:4086 Library:NIST05s.LIB

SI:83 Formula:C₇H₆O₂ CAS:65-85-0 MolWeight:122 RetIndex:1150

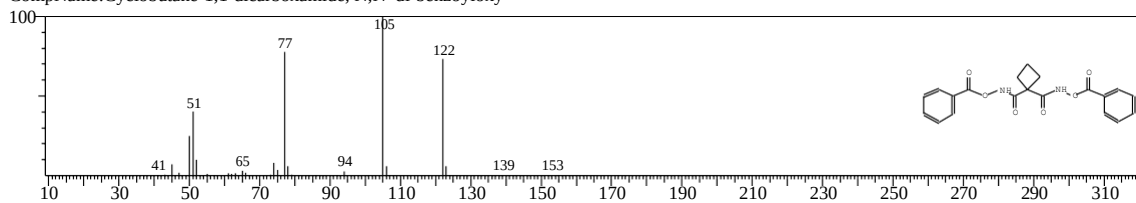
CompName:Benzenecarboxylic acid \$\$ Benzeneformic acid \$\$ Benzenemethanoic acid \$\$ Benzoesaure GK \$\$ Benzoesaure GV \$\$ Carboxybenzene \$\$ Dracy



Hit#:4 Entry:139530 Library:NIST05.LIB

SI:82 Formula:C₂₀H₁₈N₂O₆ CAS:0-00-0 MolWeight:382 RetIndex:3294

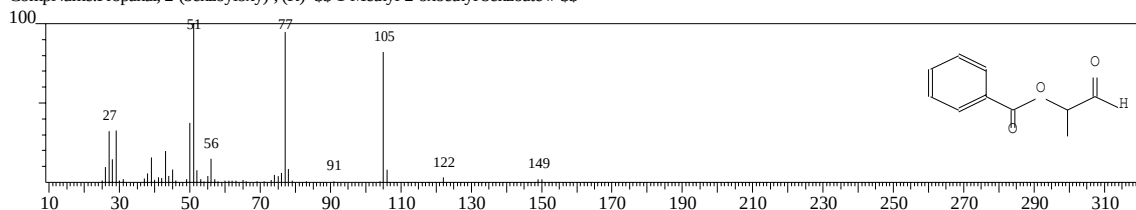
CompName:Cyclobutane-1,1-dicarboxamide, N,N'-di-benzoyloxy-



Hit#:5 Entry:28643 Library:NIST05.LIB

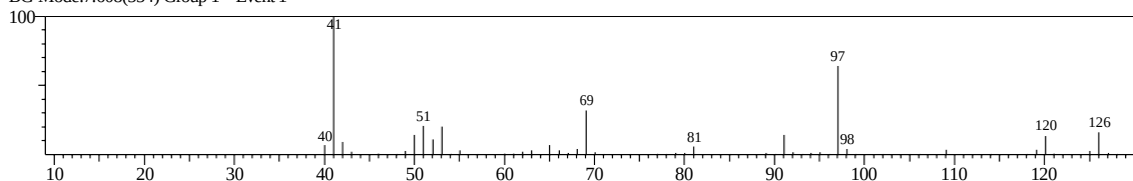
SI:81 Formula:C₁₀H₁₀O₃ CAS:78871-04-2 MolWeight:178 RetIndex:1383

CompName:Propanal, 2-(benzoyloxy)-, (R)- \$\$ 1-Methyl-2-oxoethyl benzoate # \$\$

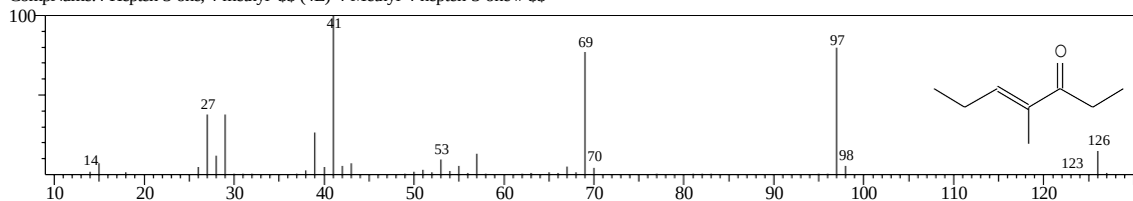


<< Target >>

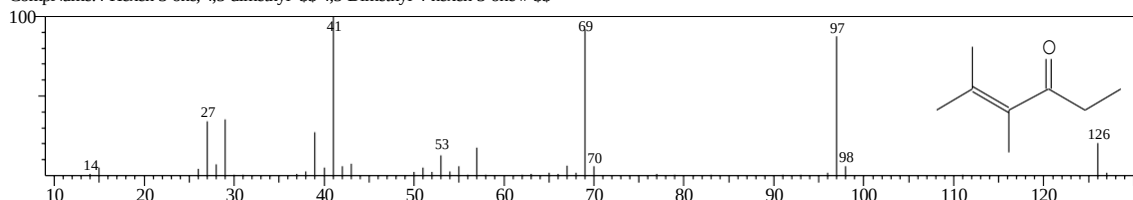
Line#5 R.Time:7.533(Scan#:545) MassPeaks:70
RawMode:Single 7.533(545) BasePeak:41.05(385936)
BG Mode:7.608(554) Group 1 - Event 1



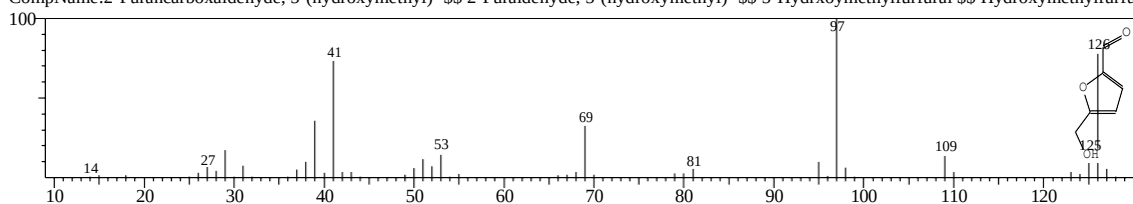
Hit#:1 Entry:6372 Library:NIST05.LIB
SI:82 Formula:C₈H₁₄O CAS:22319-31-9 MolWeight:126 RetIndex:938
CompName:4-Hepten-3-one, 4-methyl- \$\$ (4E)-4-Methyl-4-hepten-3-one # \$\$



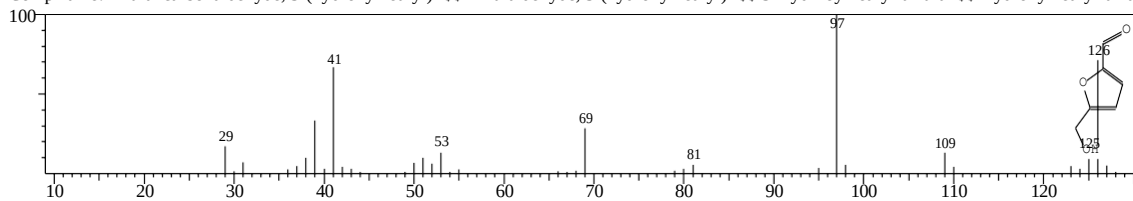
Hit#:2 Entry:6371 Library:NIST05.LIB
SI:81 Formula:C₈H₁₄O CAS:17325-90-5 MolWeight:126 RetIndex:915
CompName:4-Hexen-3-one, 4,5-dimethyl- \$\$ 4,5-Dimethyl-4-hexen-3-one # \$\$



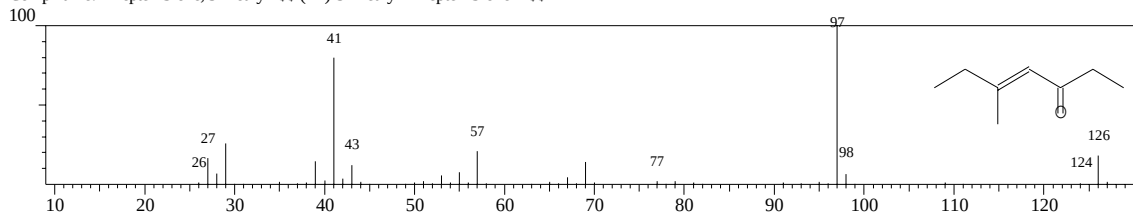
Hit#:3 Entry:6237 Library:NIST05.LIB
SI:79 Formula:C₆H₆O₃ CAS:67-47-0 MolWeight:126 RetIndex:1163
CompName:2-Furancarboxaldehyde, 5-(hydroxymethyl)- \$\$ 2-Furaldehyde, 5-(hydroxymethyl)- \$\$ 5-Hydroxymethylfurfural \$\$ Hydroxymethylfurfurole \$\$ HM



Hit#:4 Entry:4517 Library:NIST05s.LIB
SI:78 Formula:C₆H₆O₃ CAS:67-47-0 MolWeight:126 RetIndex:1163
CompName:2-Furancarboxaldehyde, 5-(hydroxymethyl)- \$\$ 2-Furaldehyde, 5-(hydroxymethyl)- \$\$ 5-Hydroxymethylfurfural \$\$ Hydroxymethylfurfurole \$\$ HM

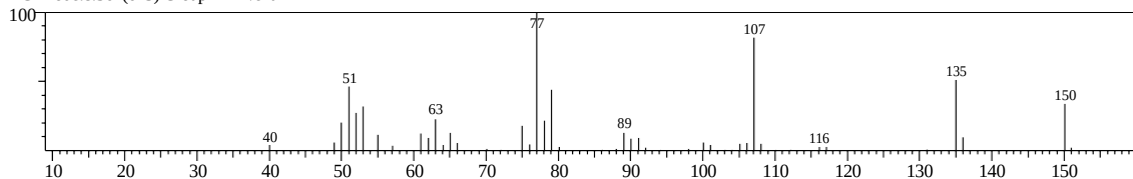


Hit#:5 Entry:6495 Library:NIST05.LIB
SI:77 Formula:C₈H₁₄O CAS:1447-26-3 MolWeight:126 RetIndex:938
CompName:4-Hepten-3-one, 5-methyl- \$\$ (4E)-5-Methyl-4-hepten-3-one # \$\$



<< Target >>

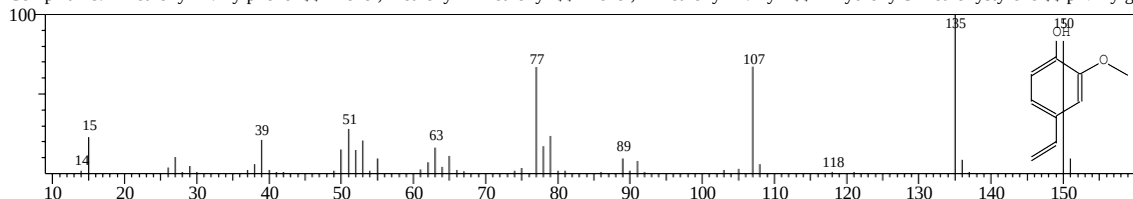
Line#5 R.Time:8.408(Scan#650) MassPeaks:51
RawMode:Single 8.408(650) BasePeak:77.05(20776)
BG Mode:8.367(645) Group 1 - Event 1



Hit#1 Entry:14775 Library:NIST05.LIB

SI:84 Formula:C9H10O2 CAS:7786-61-0 MolWeight:150 RetIndex:1293

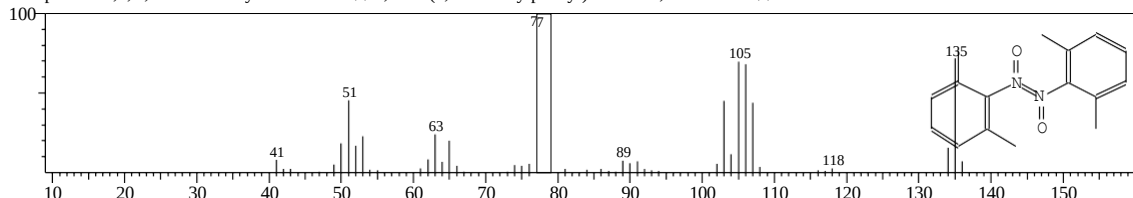
CompName:2-Methoxy-4-vinylphenol \$\$ Phenol, 4-ethenyl-2-methoxy- \$\$ Phenol, 2-methoxy-4-vinyl- \$\$ 4-Hydroxy-3-methoxystyrene \$\$ p-Vinylguaiacol \$\$



Hit#2 Entry:83332 Library:NIST05.LIB

SI:79 Formula:C16H18N2O2 CAS:101225-69-8 MolWeight:270 RetIndex:0

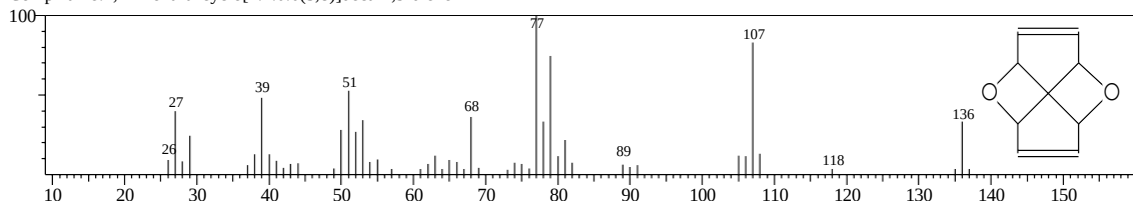
CompName:2,6,2',6'-Tetramethylazobenzene \$\$ 1,2-Bis(2,6-dimethylphenyl)diazene 1,2-dioxide # \$\$



Hit#3 Entry:9298 Library:NIST05.LIB

SI:78 Formula:C8H8O2 CAS:0-00-0 MolWeight:136 RetIndex:823

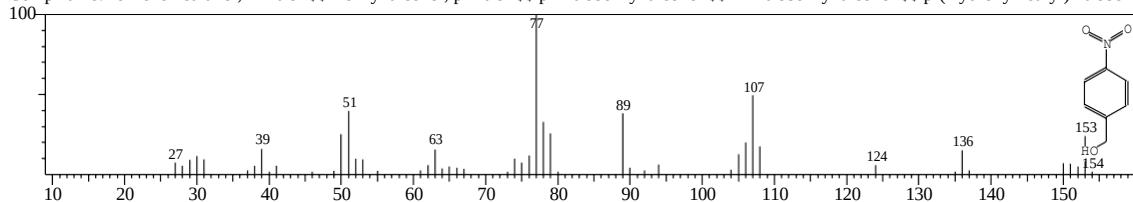
CompName:2,7-Dioxa-tricyclo[4.4.0.0(3,8)]deca-4,9-diene



Hit#4 Entry:9095 Library:NIST05s.LIB

SI:78 Formula:C7H7NO3 CAS:619-73-8 MolWeight:153 RetIndex:1432

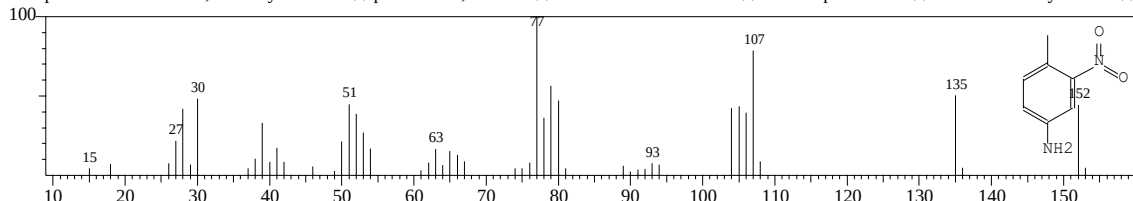
CompName:Benzenemethanol, 4-nitro- \$\$ Benzyl alcohol, p-nitro- \$\$ p-Nitrobenzyl alcohol \$\$ 4-Nitrobenzyl alcohol \$\$ p-(Hydroxymethyl)nitrobenzene \$\$ (4



Hit#5 Entry:8745 Library:NIST05s.LIB

SI:77 Formula:C7H8N2O2 CAS:119-32-4 MolWeight:152 RetIndex:1501

CompName:Benzenamine, 4-methyl-3-nitro- \$\$ p-Toluidine, 3-nitro- \$\$ 2-Nitro-4-aminotoluene \$\$ 3-Nitro-p-toluidine \$\$ 3-Nitro-4-methylaniline \$\$ 4-Amino-

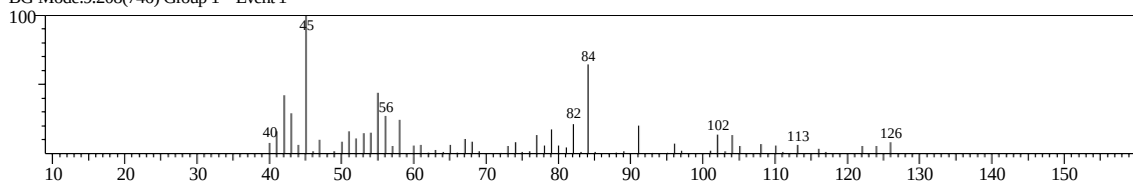


<< Target >>

Line#:7 R.Time:9.075(Scan#:730) MassPeaks:67

RawMode:Single 9.075(730) BasePeak:45.05(17767)

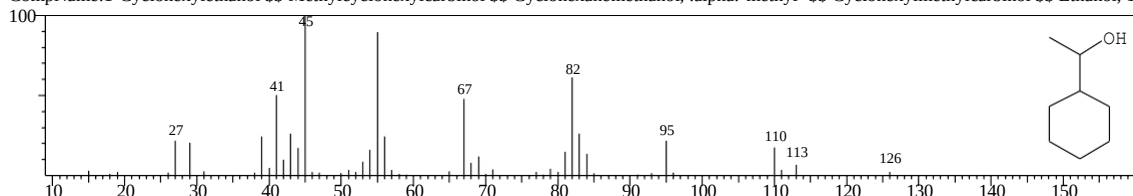
BG Mode:9.208(746) Group 1 - Event 1



Hit#:1 Entry:4937 Library:NIST05s.LIB

SI:71 Formula:C8H16O CAS:1193-81-3 MolWeight:128 RetIndex:1042

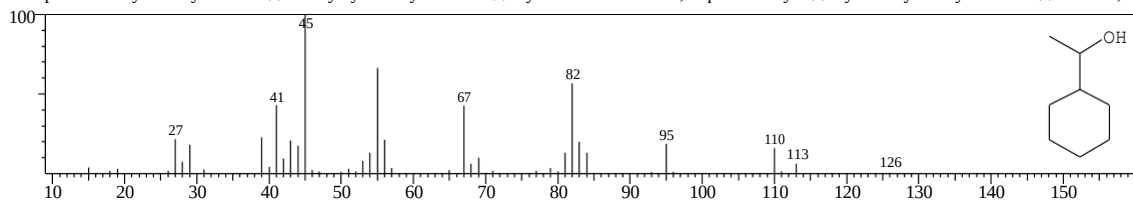
CompName:1-Cyclohexylethanol \$\$ Methylcyclohexylcarbinol \$\$ Cyclohexanemethanol, .alpha.-methyl- \$\$ Cyclohexylmethylcarbinol \$\$ Ethanol, 1-cyclohex



Hit#:2 Entry:7151 Library:NIST05.LIB

SI:71 Formula:C8H16O CAS:1193-81-3 MolWeight:128 RetIndex:1042

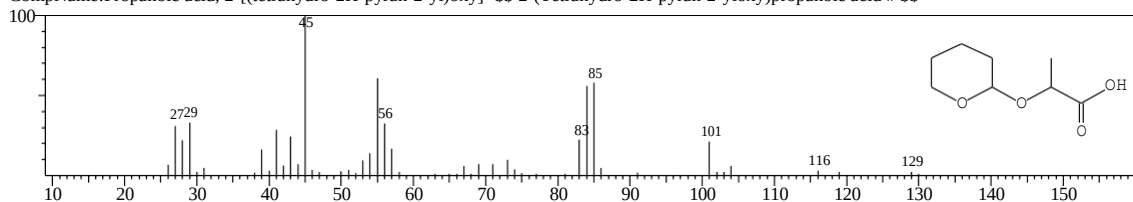
CompName:1-Cyclohexylethanol \$\$ Methylcyclohexylcarbinol \$\$ Cyclohexanemethanol, .alpha.-methyl- \$\$ Cyclohexylmethylcarbinol \$\$ Ethanol, 1-cyclohex



Hit#:3 Entry:26569 Library:NIST05.LIB

SI:71 Formula:C8H14O4 CAS:87930-86-7 MolWeight:174 RetIndex:1337

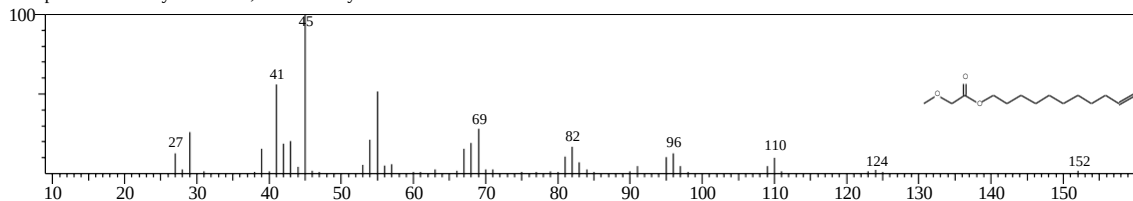
CompName:Propanoic acid, 2-[(tetrahydro-2H-pyran-2-yl)oxy]- \$\$ 2-(Tetrahydro-2H-pyran-2-yloxy)propanoic acid # \$\$



Hit#:4 Entry:66387 Library:NIST05.LIB

SI:68 Formula:C14H26O3 CAS:0-00-0 MolWeight:242 RetIndex:1646

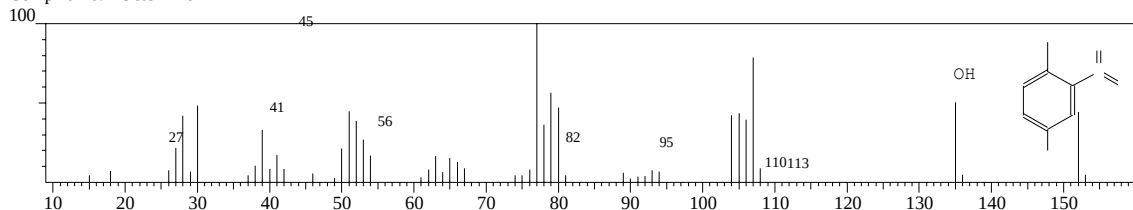
CompName:Methoxyacetic acid, 10-undecenyl ester



Hit#:5 Entry:7150 Library:NIST05.LIB

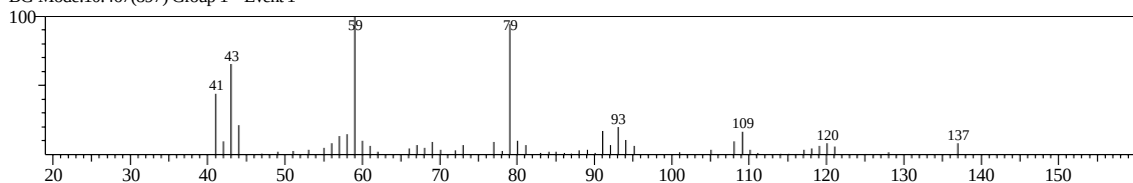
SI:68 Formula:C8H16O CAS:39546-75-3 MolWeight:128 RetIndex:969

CompName:7-Octen-2-ol



<< Target >>

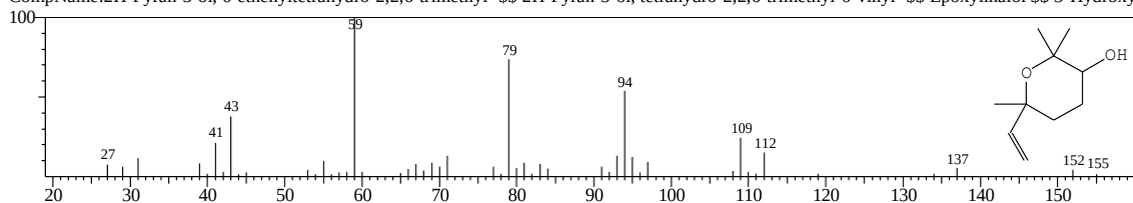
Line#8 R.Time:10.525(Scan#:904) MassPeaks:58
RawMode:Single 10.525(904) BasePeak:59.05(12559)
BG Mode:10.467(897) Group 1 - Event 1



Hit#1 Entry:11933 Library:NIST05s.LIB

SI:78 Formula:C10H18O2 CAS:14049-11-7 MolWeight:170 RetIndex:1255

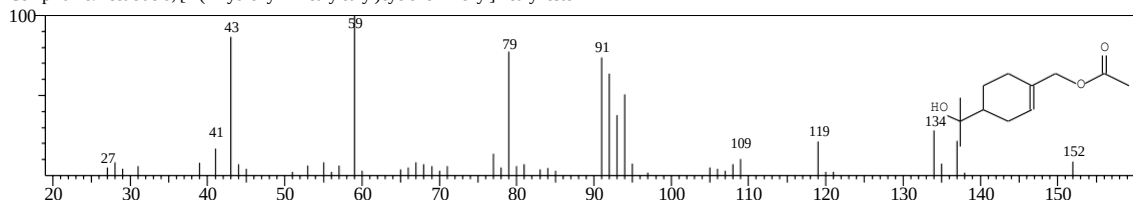
CompName:2H-Pyran-3-ol, 6-ethenyltetrahydro-2,2,6-trimethyl- \$\$ 2H-Pyran-3-ol, tetrahydro-2,2,6-trimethyl-6-vinyl- \$\$ Epoxylinolol \$\$ 3-Hydroxy-2,2,6-trimethyl-2H-pyran



Hit#2 Entry:48244 Library:NIST05.LIB

SI:77 Formula:C12H20O3 CAS:0-00-0 MolWeight:212 RetIndex:1509

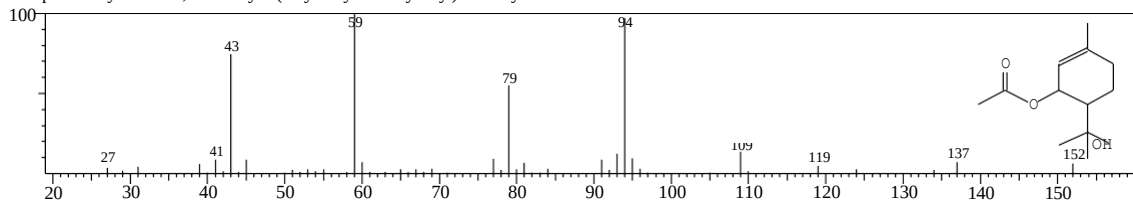
CompName:Acetic acid, [4-(1-hydroxy-1-methylethyl)cyclohex-1-enyl]methyl ester



Hit#3 Entry:48245 Library:NIST05.LIB

SI:76 Formula:C12H20O3 CAS:0-00-0 MolWeight:212 RetIndex:1471

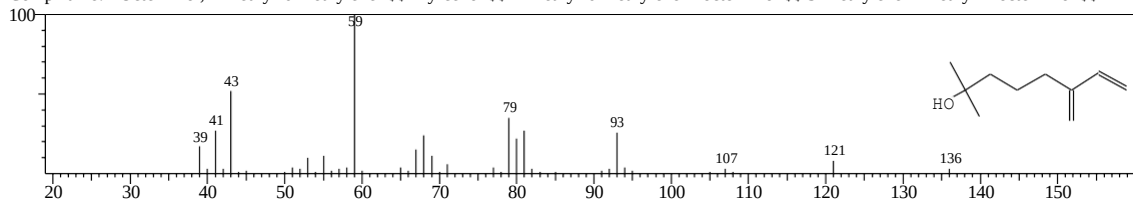
CompName:Cyclohexene, 3-acetoxy-4-(1-hydroxy-1-methylethyl)-1-methyl-



Hit#4 Entry:9378 Library:NIST05s.LIB

SI:76 Formula:C10H18O CAS:543-39-5 MolWeight:154 RetIndex:1064

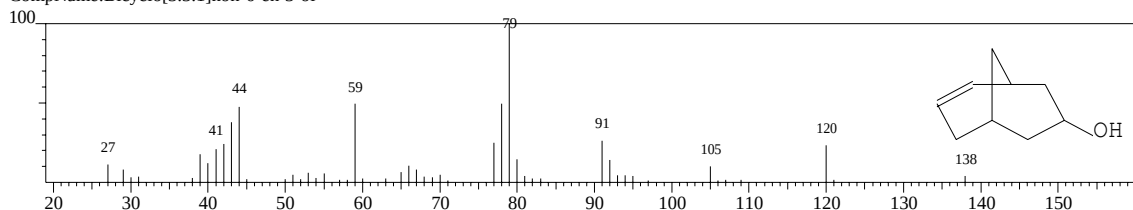
CompName:7-Octen-2-ol, 2-methyl-6-methylene- \$\$ Myrcenol \$\$ 2-Methyl-6-methylene-7-octen-2-ol \$\$ 3-Methylene-7-methyl-1-octen-7-ol \$\$



Hit#5 Entry:10168 Library:NIST05.LIB

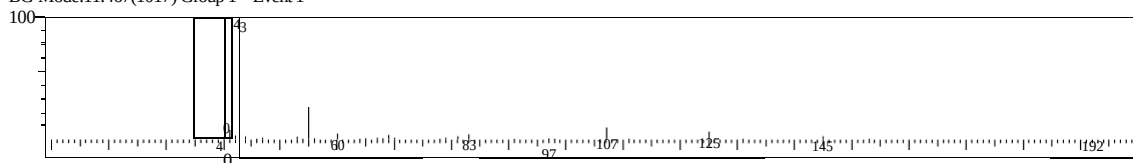
SI:75 Formula:C9H14O CAS:25048-65-1 MolWeight:138 RetIndex:1152

CompName:Bicyclo[3.3.1]non-6-en-3-ol

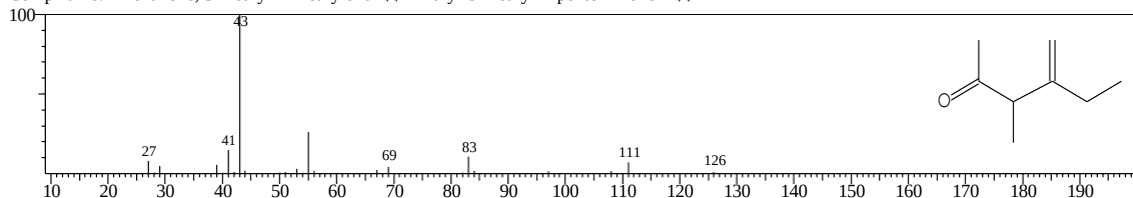


<< Target >>

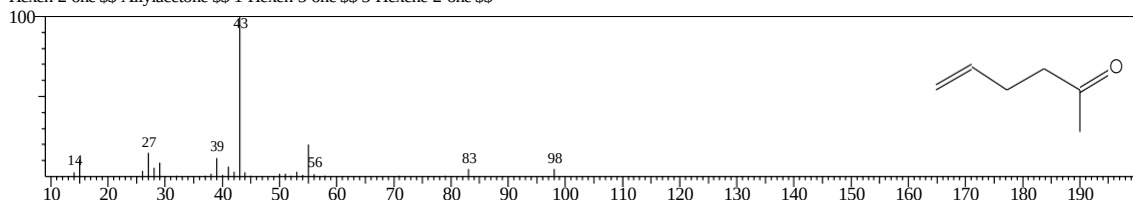
Line#9 R.Time:11.475(Scan#:1018) MassPeaks:61
RawMode:Single 11.475(1018) BasePeak:43.00(45368)
BG Mode:11.467(1017) Group 1 - Event 1



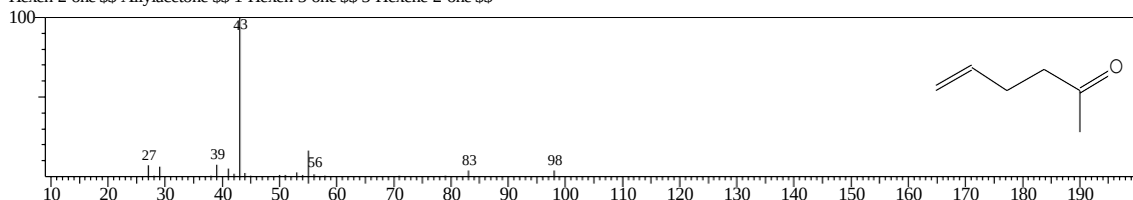
Hit#1 Entry:6376 Library:NIST05s.LIB
SI:86 Formula:C8H14O CAS:20690-71-5 MolWeight:126 RetIndex:856
CompName:2-Hexanone, 3-methyl-4-methylene- \$\$ 4-Ethyl-3-methyl-4-penten-2-one # \$\$



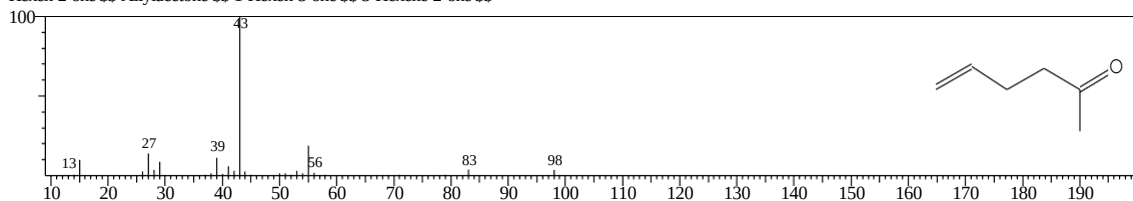
Hit#2 Entry:1510 Library:NIST05s.LIB
SI:85 Formula:C6H10O CAS:109-49-9 MolWeight:98 RetIndex:744 CompName:5-Hexen-2-one \$\$ Allylacetone \$\$ 1-Hexen-5-one \$\$ 5-Hexene-2-one \$\$



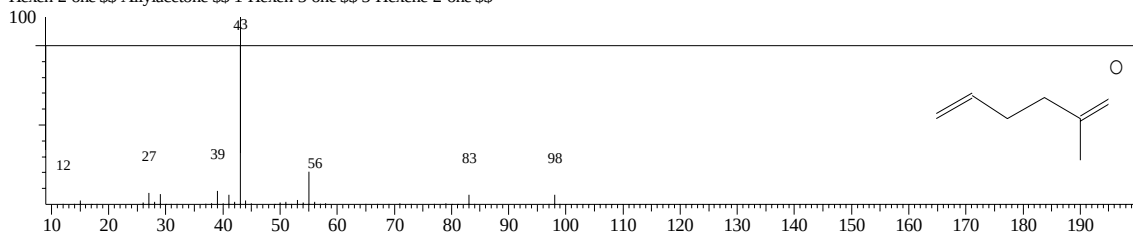
Hit#3 Entry:1511 Library:NIST05s.LIB
SI:85 Formula:C6H10O CAS:109-49-9 MolWeight:98 RetIndex:744 CompName:5-Hexen-2-one \$\$ Allylacetone \$\$ 1-Hexen-5-one \$\$ 5-Hexene-2-one \$\$



Hit#4 Entry:1615 Library:NIST05s.LIB
SI:84 Formula:C6H10O CAS:109-49-9 MolWeight:98 RetIndex:744 CompName:5-Hexen-2-one \$\$ Allylacetone \$\$ 1-Hexen-5-one \$\$ 5-Hexene-2-one \$\$

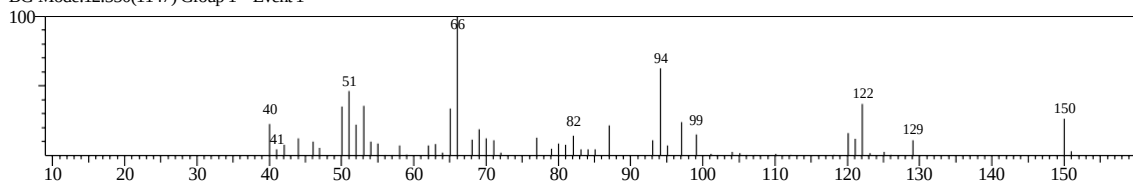


Hit#5 Entry:1512 Library:NIST05s.LIB
SI:84 Formula:C6H10O CAS:109-49-9 MolWeight:98 RetIndex:744 CompName:5-Hexen-2-one \$\$ Allylacetone \$\$ 1-Hexen-5-one \$\$ 5-Hexene-2-one \$\$



<< Target >>

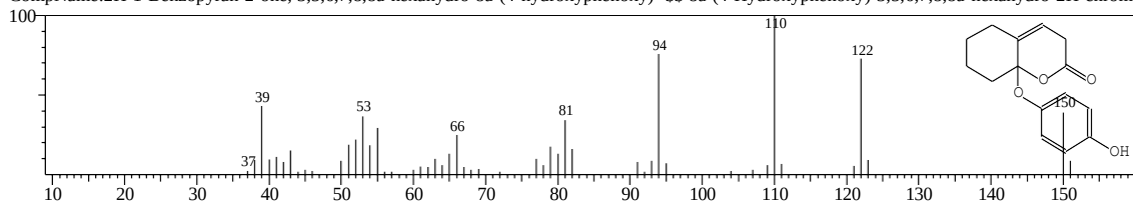
Line#:10 R.Time:12.508(Scan#:1142) MassPeaks:58
RawMode:Single 12.508(1142) BasePeak:66.05(6824)
BG Mode:12.550(1147) Group 1 - Event 1



Hit#:1 Entry:77181 Library:NIST05.LIB

SI:70 Formula:C15H16O4 CAS:120317-68-2 MolWeight:260 RetIndex:2281

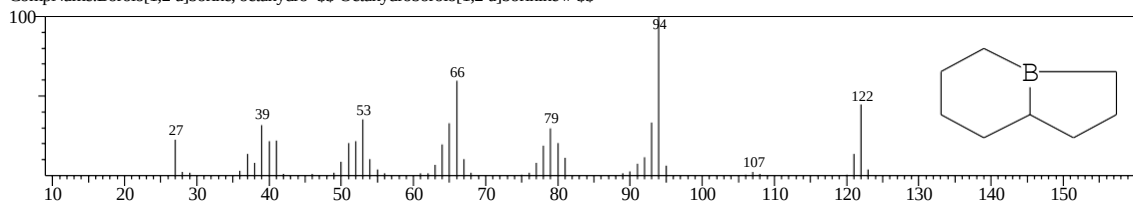
CompName:2H-1-Benzopyran-2-one, 3,5,6,7,8,8a-hexahydro-8a-(4-hydroxyphenoxy)- \$ 8a-(4-Hydroxyphenoxy)-3,5,6,7,8,8a-hexahydro-2H-chromen-2-one #



Hit#:2 Entry:5515 Library:NIST05.LIB

SI:69 Formula:C8H15B CAS:5731-84-0 MolWeight:122 RetIndex:0

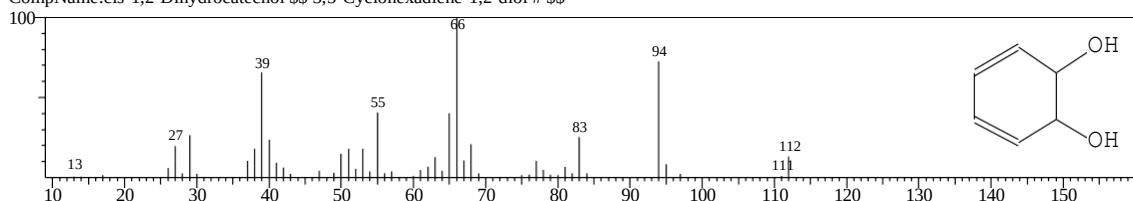
CompName:borolo[1,2-a]borine, octahydro- \$ Octahydroborolo[1,2-a]borinine # \$ \$



Hit#:3 Entry:3373 Library:NIST05.LIB

SI:69 Formula:C6H8O2 CAS:17793-95-2 MolWeight:112 RetIndex:1060

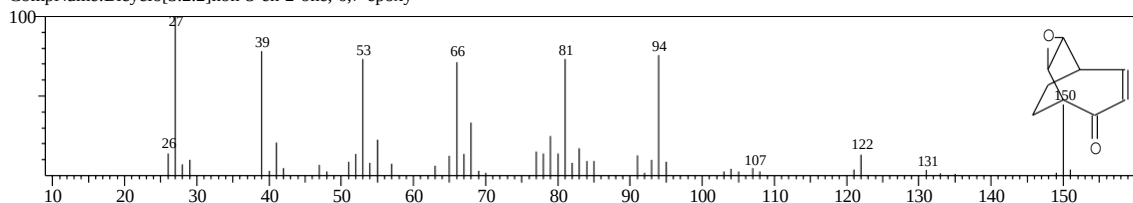
CompName:cis-1,2-Dihydrocatechol \$ 3,5-Cyclohexadiene-1,2-diol # \$ \$



Hit#:4 Entry:14710 Library:NIST05.LIB

SI:68 Formula:C9H10O2 CAS:0-00-0 MolWeight:150 RetIndex:1146

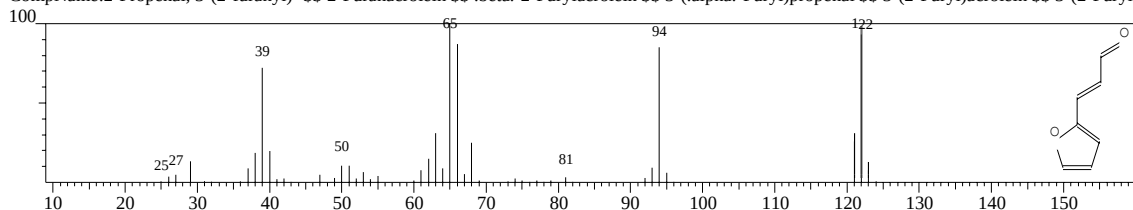
CompName:Bicyclo[3.2.2]non-3-en-2-one, 6,7-epoxy-



Hit#:5 Entry:5416 Library:NIST05.LIB

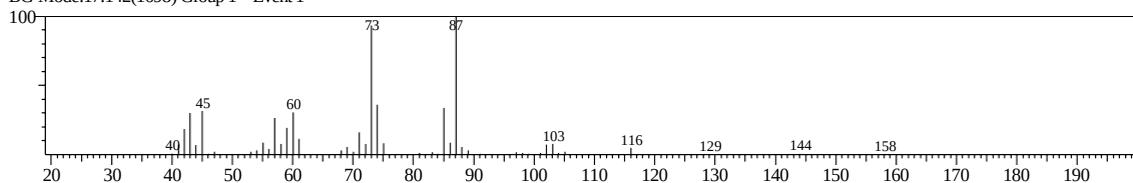
SI:67 Formula:C7H6O2 CAS:623-30-3 MolWeight:122 RetIndex:1038

CompName:2-Propenal, 3-(2-furyl)- \$ 2-Furanacrolein \$ \$.beta.-2-Furylacrolein \$ 3-(.alpha.-Furyl)propenal \$ 3-(2-Furyl)acrolein \$ 3-(2-Furyl)-2-propen

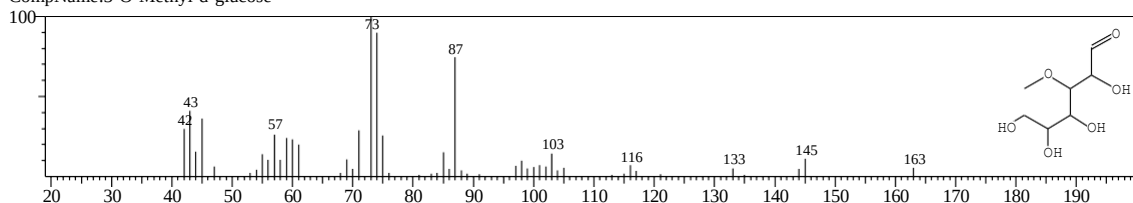


<< Target >>

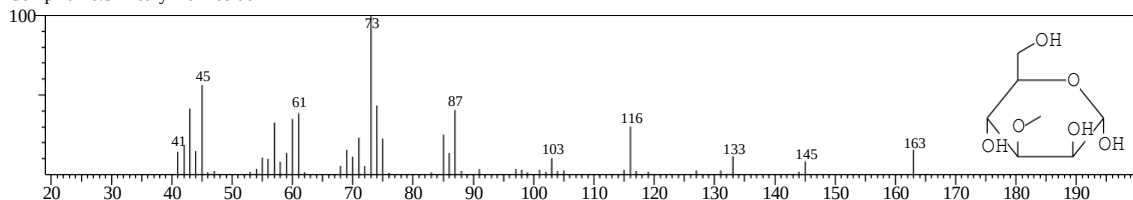
Line#:11 R.Time:16.833(Scan#:1661) MassPeaks:79
RawMode:Single 16.833(1661) BasePeak:87.05(672569)
BG Mode:17.142(1698) Group 1 - Event 1



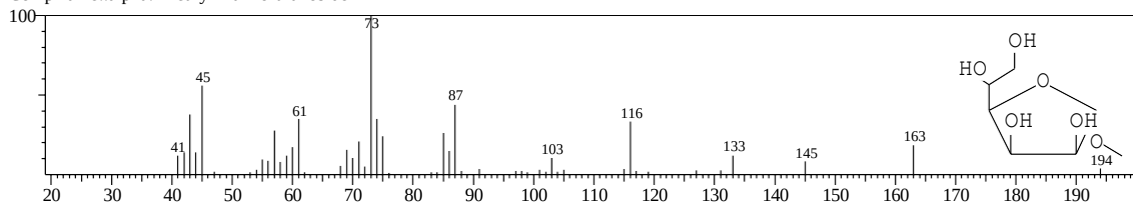
Hit#:1 Entry:37128 Library:NIST05.LIB
SI:86 Formula:C7H14O6 CAS:0-00-0 MolWeight:194 RetIndex:1647
CompName:3-O-Methyl-d-glucose



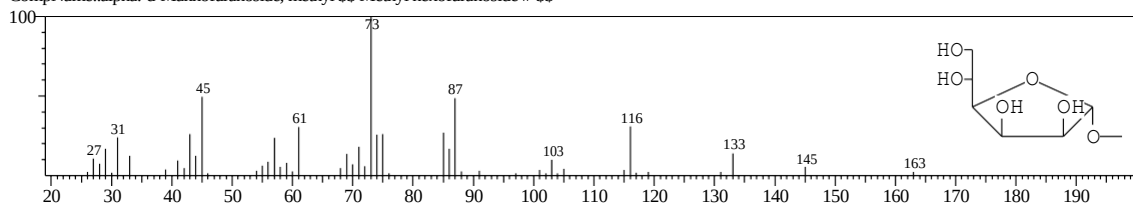
Hit#:2 Entry:37124 Library:NIST05.LIB
SI:85 Formula:C7H14O6 CAS:0-00-0 MolWeight:194 RetIndex:1714
CompName:3-Methylmannoside



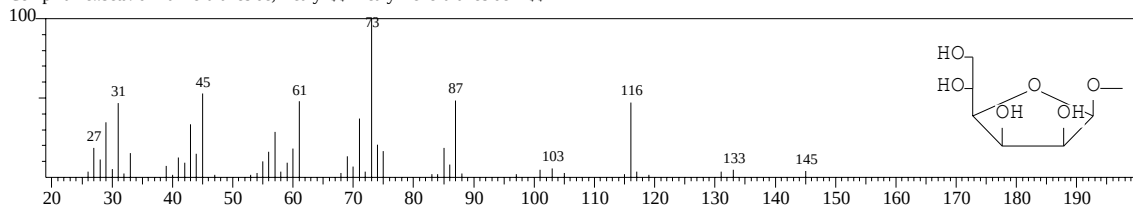
Hit#:3 Entry:37125 Library:NIST05.LIB
SI:84 Formula:C7H14O6 CAS:0-00-0 MolWeight:194 RetIndex:1667
CompName:.alpha.-Methyl mannofuranoside



Hit#:4 Entry:37126 Library:NIST05.LIB
SI:84 Formula:C7H14O6 CAS:4097-91-0 MolWeight:194 RetIndex:1667
CompName:.alpha.-d-Mannofuranoside, methyl \$\$ Methyl hexofuranoside # \$\$

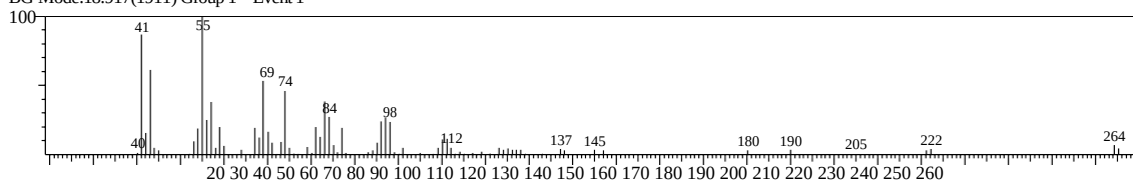


Hit#:5 Entry:37127 Library:NIST05.LIB
SI:84 Formula:C7H14O6 CAS:26295-70-5 MolWeight:194 RetIndex:1667
CompName:.beta.-d-Mannofuranoside, methyl \$\$ Methyl hexofuranoside # \$\$



<< Target >>

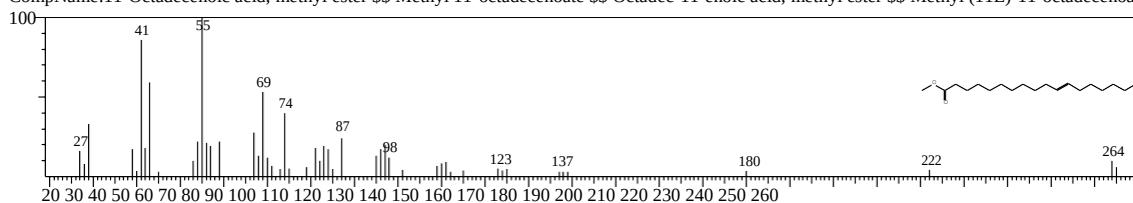
Line#:12 R.Time:18.950(Scan#:1915) MassPeaks:85
RawMode:Single 18.950(1915) BasePeak:55.05(30407)
BG Mode:18.917(1911) Group 1 - Event 1



Hit#1 Entry:98778 Library:NIST05.LIB

SI:92 Formula:C19H36O2 CAS:52380-33-3 MolWeight:296 RetIndex:2085

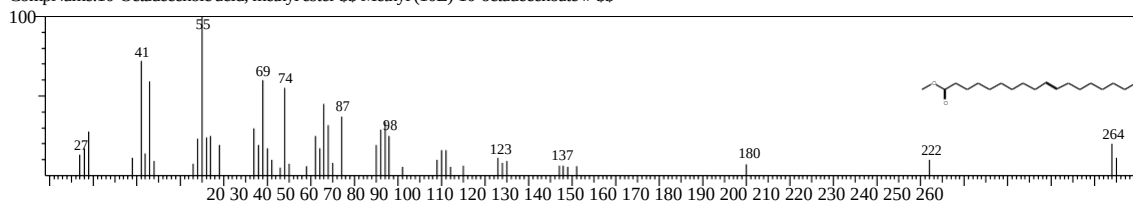
CompName:11-Octadecenoic acid, methyl ester \$\$ Methyl 11-octadecenoate \$\$ Octadec-11-enoic acid, methyl ester \$\$ Methyl (11E)-11-octadecenoate # \$\$



Hit#2 Entry:98784 Library:NIST05.LIB

SI:91 Formula:C19H36O2 CAS:13481-95-3 MolWeight:296 RetIndex:2085

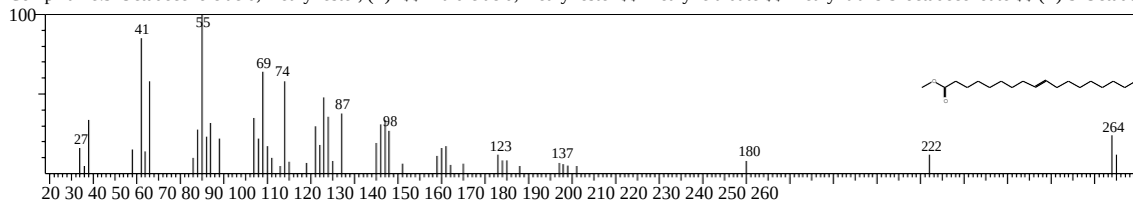
CompName:10-Octadecenoic acid, methyl ester \$\$ Methyl (10E)-10-octadecenoate # \$\$



Hit#3 Entry:23570 Library:NIST05s.LIB

SI:91 Formula:C19H36O2 CAS:1937-62-8 MolWeight:296 RetIndex:2085

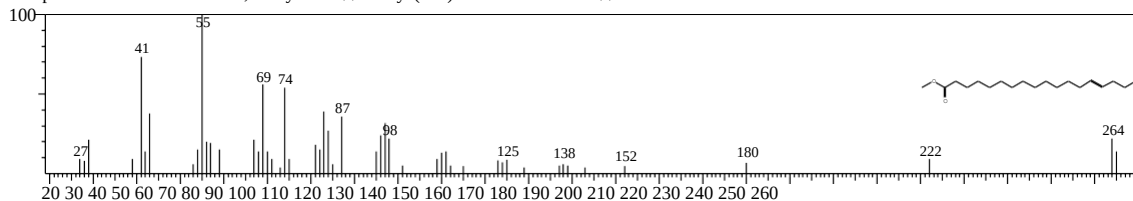
CompName:9-Octadecenoic acid, methyl ester, (E)- \$\$ Elaidic acid, methyl ester \$\$ Methyl elaidate \$\$ Methyl trans-9-octadecenoate \$\$ (E)-9-Octadecenoic acid



Hit#4 Entry:98787 Library:NIST05.LIB

SI:91 Formula:C19H36O2 CAS:56554-48-4 MolWeight:296 RetIndex:2085

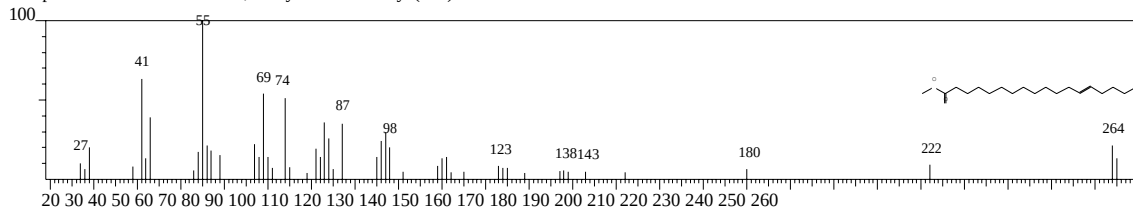
CompName:14-Octadecenoic acid, methyl ester \$\$ Methyl (14E)-14-octadecenoate # \$\$



Hit#5 Entry:98786 Library:NIST05.LIB

SI:90 Formula:C19H36O2 CAS:56554-47-3 MolWeight:296 RetIndex:2085

CompName:13-Octadecenoic acid, methyl ester \$\$ Methyl (13E)-13-octadecenoate # \$\$

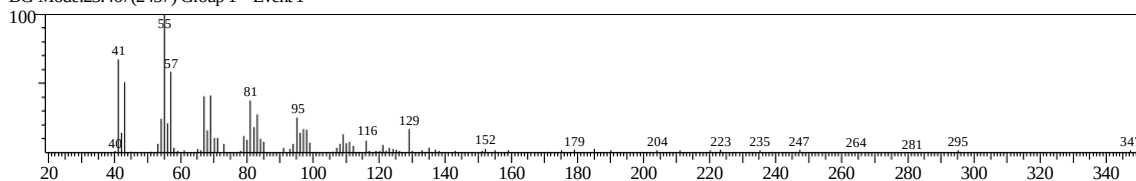


<< Target >>

Line#:13 R.Time:23.533(Scan#:2465) MassPeaks:122

RawMode:Single 23.533(2465) BasePeak:55.05(57687)

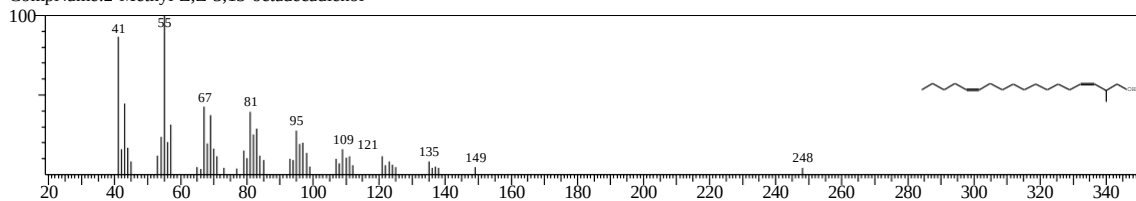
BG Mode:23.467(2457) Group 1 - Event 1



Hit#:1 Entry:89360 Library:NIST05.LIB

SI:89 Formula:C19H36O CAS:0-00-0 MolWeight:280 RetIndex:2104

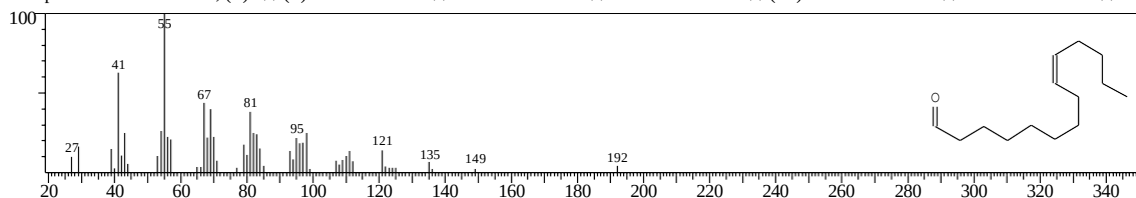
CompName:2-Methyl-Z,Z-3,13-octadecadienol



Hit#:2 Entry:47276 Library:NIST05.LIB

SI:89 Formula:C14H26O CAS:53939-27-8 MolWeight:210 RetIndex:1609

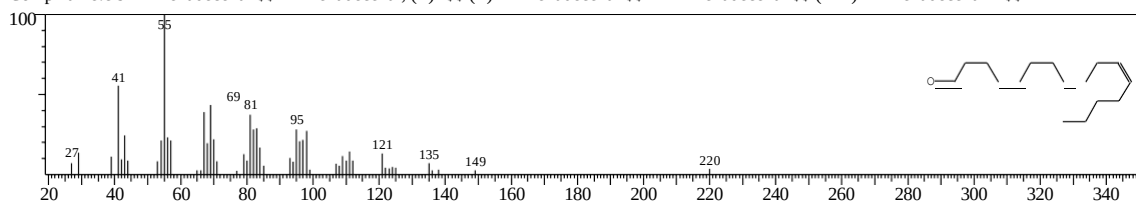
CompName:9-Tetradecenal, (Z)- \$\$ (Z)-9-Tetradecenal \$\$ Z-9-Tetradecenal \$\$ Z-9-Tetradecenol \$\$ (9Z)-9-Tetradecenal # \$\$ Z-9-Tetradecenal \$\$



Hit#:3 Entry:64127 Library:NIST05.LIB

SI:88 Formula:C16H30O CAS:53939-28-9 MolWeight:238 RetIndex:1808

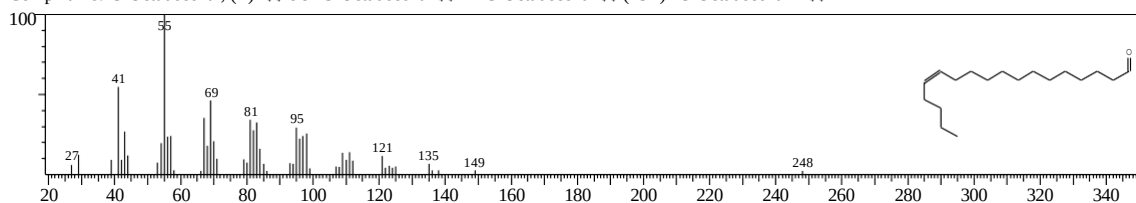
CompName:cis-11-Hexadecenal \$\$ 11-Hexadecenal, (Z)- \$\$ (Z)-11-Hexadecenal \$\$ Z-11-Hexadecenal \$\$ (11Z)-11-Hexadecenal # \$\$



Hit#:4 Entry:80936 Library:NIST05.LIB

SI:88 Formula:C18H34O CAS:58594-45-9 MolWeight:266 RetIndex:2007

CompName:13-Octadecenal, (Z)- \$\$ cis-13-Octadecenal \$\$ Z-13-Octadecenal \$\$ (13Z)-13-Octadecenal # \$\$



Hit#:5 Entry:47274 Library:NIST05.LIB

SI:88 Formula:C14H26O CAS:0-00-0 MolWeight:210 RetIndex:1672

CompName:3,11-Tetradecadien-1-ol

