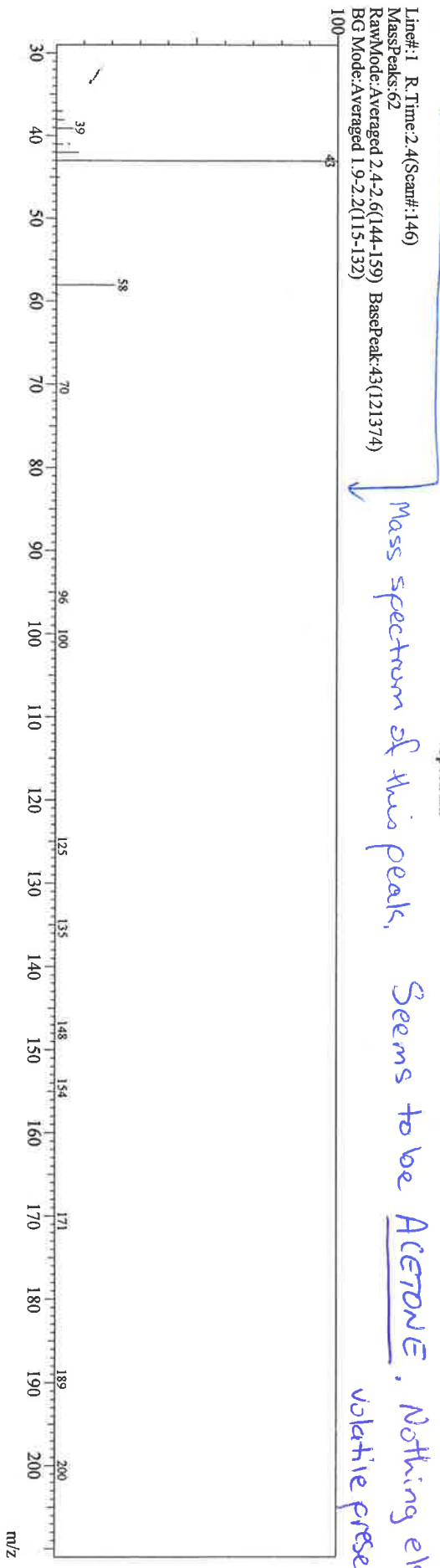
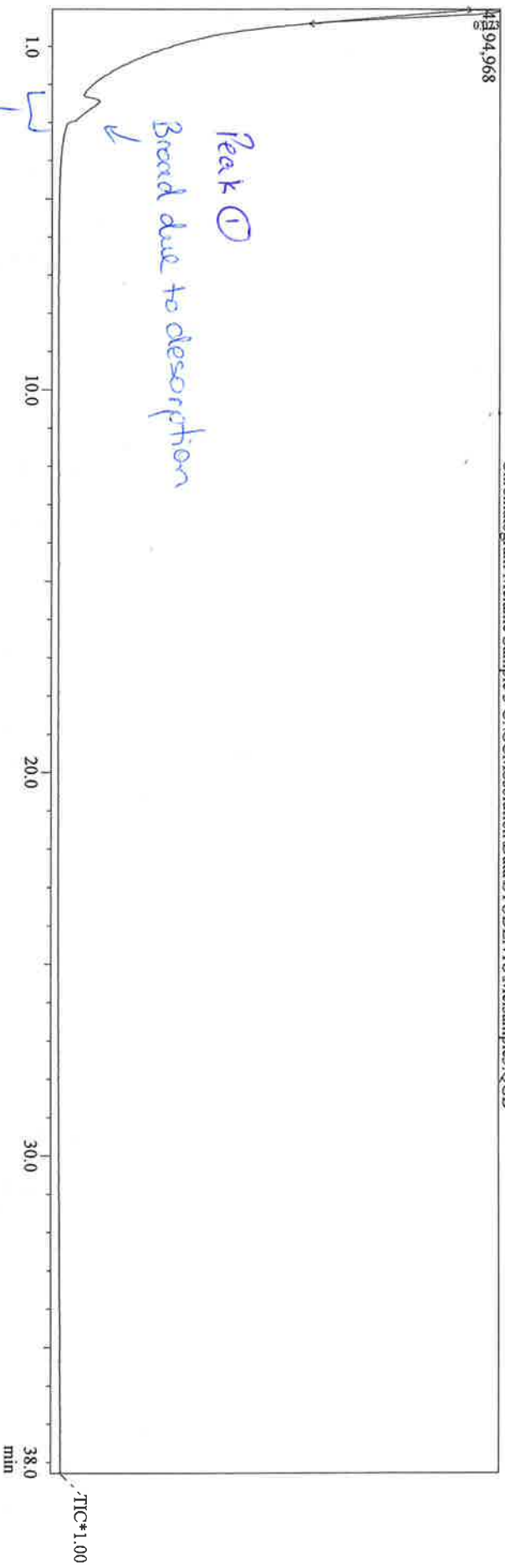


"Pure" sample 25cc Brown Pharma bottle.

Chromatogram Melanic Sample 3 C:\GCMSsolution\Data\STUDENTSIM\sample3.QGD



C:\GCMSsolution\Data\STUDENTS\Melsample3.QGD

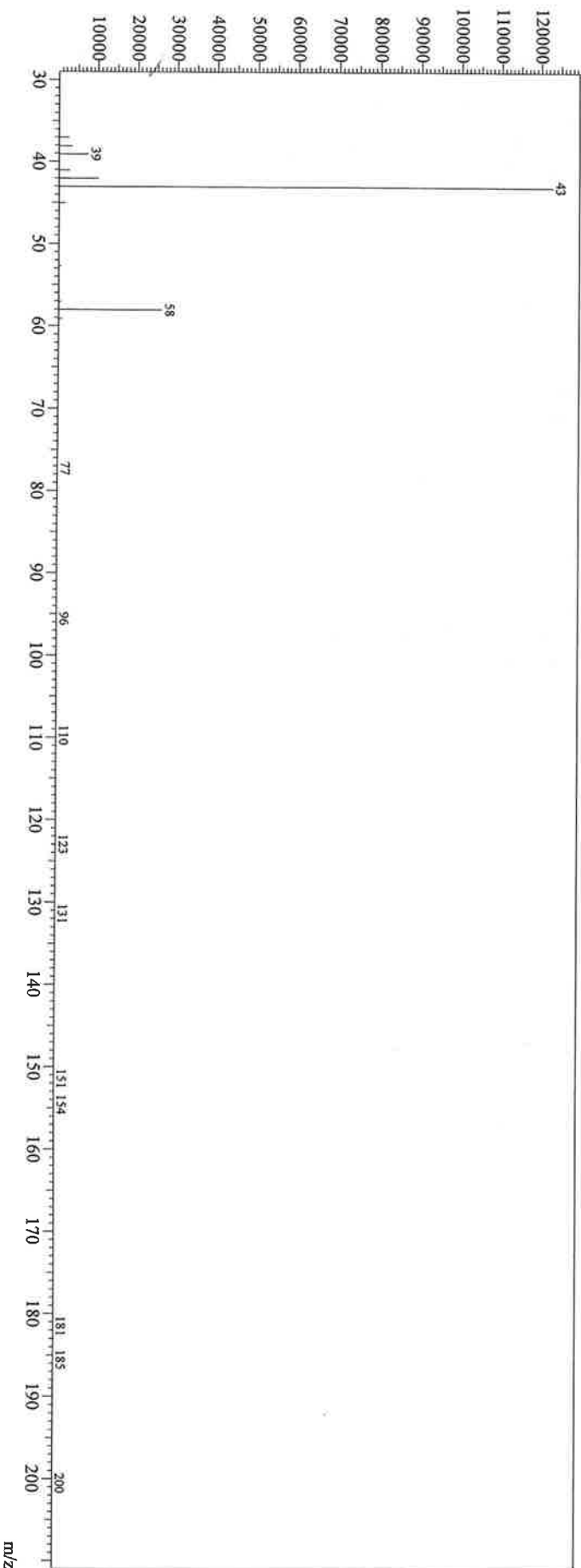
"Pre" sample Mass spec. of peak

Analyzed : 1/20/2009 2:58:46 PM  
Level # : 1  
Sample Name : Melanic Sample 3  
IS Amount : [I]=1.000  
Data File : C:\GCMSsolution\Data\STUDENTS\Melsample3.QGD  
Method File : C:\GCMSsolution\Data\STUDENTS\Col Flow 0.6ml.qgm  
Tuning File : C:\GCMSsolution\System\Tune\lecture.qgt

Sample Information

Line#: 1 R.Time: 2.433(Scan#: 146)  
MassPeaks: 71  
RawMode: Averaged 2.400-2.633(144-158) BasePeak: 43.05(122826)  
BG Mode: Averaged 2.050-2.283(123-137)

Spectrum



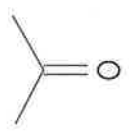
PEAK ① Pure sample

Library Search

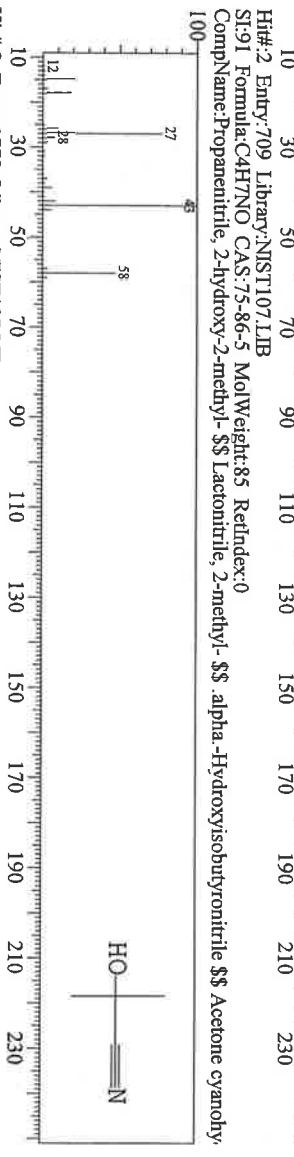
<< Target >>  
Line#: 1 R Time: 2.433 (Scan#: 146) Mass Peaks: 71  
Raw Mode: Averaged 2.400-2.633 (144-158) Base Peak: 43.05 (122826)  
BG Mode: Averaged 2.050-2.283 (123-137)



Hit#: 1 Entry: 103 Library: NIST107.LIB  
SI: 93 Formula: C3H6O CAS: 67-64-1 MolWeight: 58 RetIndex: 0  
CompName: Acetone \$\$ 2-Propanone \$\$ .beta.-Ketopropane \$\$ Dimethyl ketone \$\$ Dimethyl ketone \$\$ Methyl ketone \$\$ Pr-



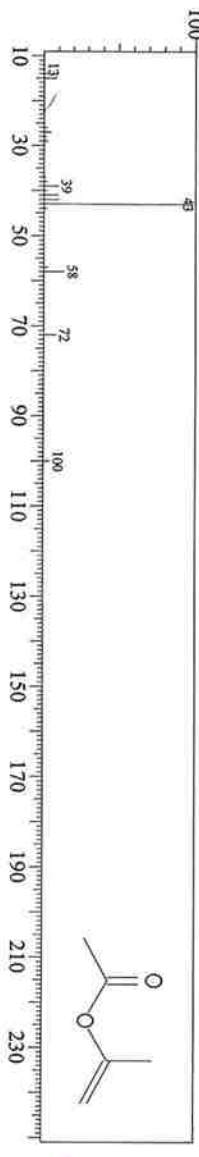
Acetone  
Best match



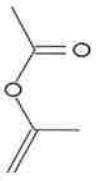
Hit#: 2 Entry: 709 Library: NIST107.LIB  
SI: 91 Formula: C4H7NO CAS: 75-86-5 MolWeight: 85 RetIndex: 0  
CompName: Propanenitrile, 2-hydroxy-2-methyl- \$\$ Lactonitrile, 2-methyl- \$\$ .alpha.-Hydroxyisobutyronitrile \$\$ Acetone cyanohy-



Other suggestions

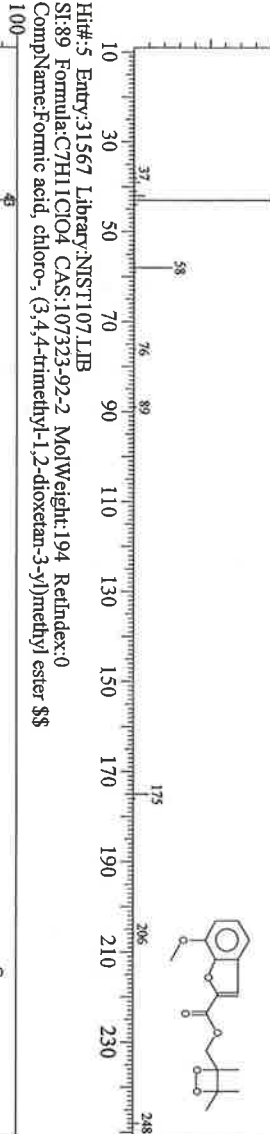
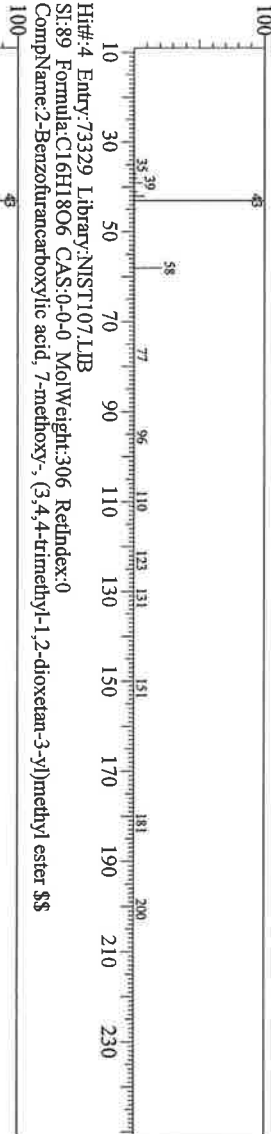


Hit#: 3 Entry: 1778 Library: NIST107.LIB  
SI: 90 Formula: C5H8O2 CAS: 108-22-5 MolWeight: 100 RetIndex: 0  
CompName: 1-Propen-2-ol, acetate \$\$ Isopropenyl acetate \$\$ Propen-2-yl acetate \$\$ 2-Acetoxypropene \$\$ 2-Acetoxypropylene \$\$ /



Peak ① continued "Pure" sample

<< Target >>  
Line#: 1 R\_Time: 2.433 (Scan#: 146) MassPeaks: 71  
RawMode: Averaged 2.400-2.633 (144-158) BasePeak: 43.05 (122826)  
BG Mode: Averaged 2.050-2.283 (123-137)



Other suggestions.

Rather unlikely

