

Last Name:

First Name:

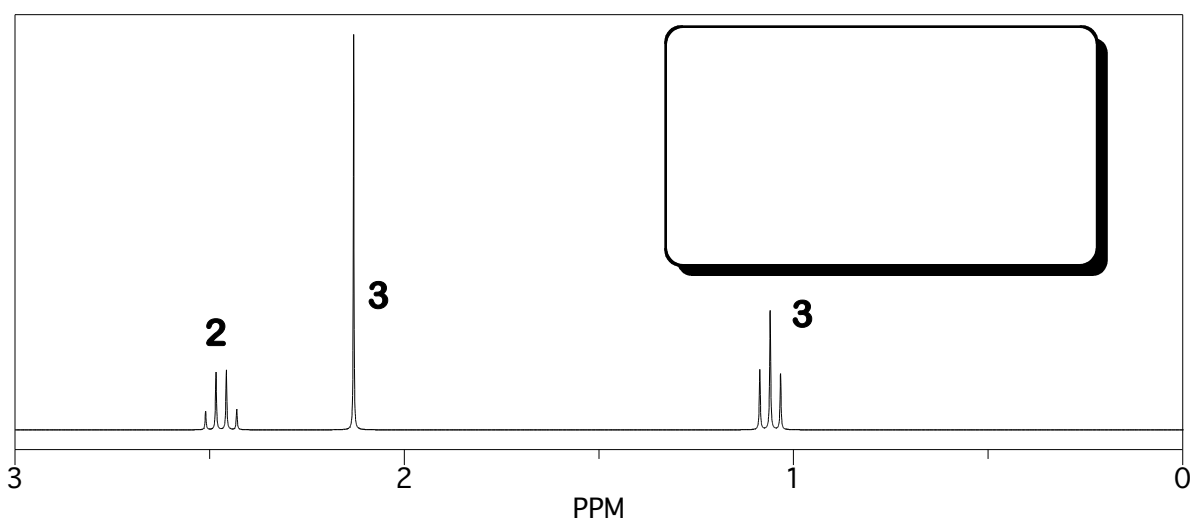
UTEID:

POW 3 CH 310 N

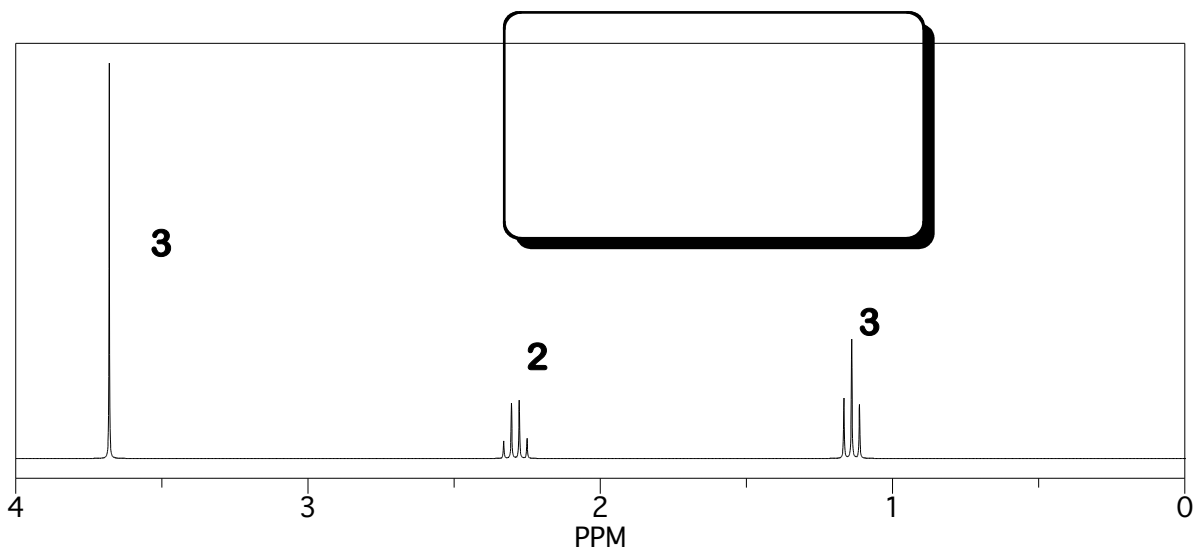
Due September 21, 2009

Instructions for this set: Interpret the HNMR and propose a structure (draw in the box). For full credit, you must assign protons in the NMR (a,b,c and splitting).

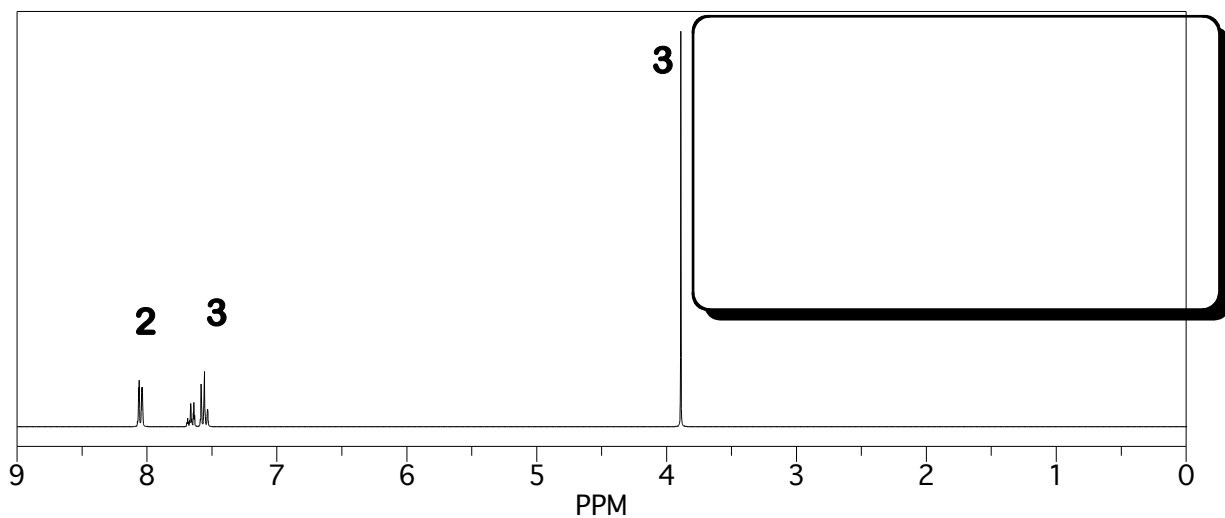
Unknown 1:  $C_4H_8O$



Unknown 2:  $C_4H_8O_2$



**Unknown 3: C<sub>8</sub>H<sub>8</sub>O<sub>2</sub>**



**Unknown 4: C<sub>8</sub>H<sub>8</sub>O<sub>2</sub>**

