

### Ultraviolet Practice #5

You have reacted **A** to make a mixture of **B** and **C**. Enones **B** and **C** have molar absorptivities at 280 nm as shown. A 3.3 mg portion of the mixture of **B** and **C** dissolved in 200 mL of ethanol shows an absorbance at 280 nm of  $A = 0.55$ . How much of the mixture is **B**?

