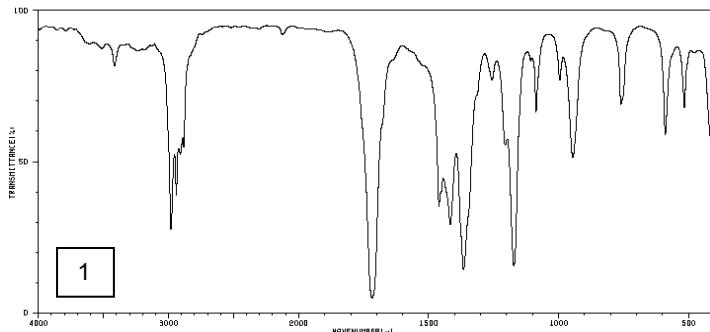




The IR spectra of the five compounds listed are shown. Identify the compound and give the wavenumber and bond type for the key signals that helped you identify that compound.

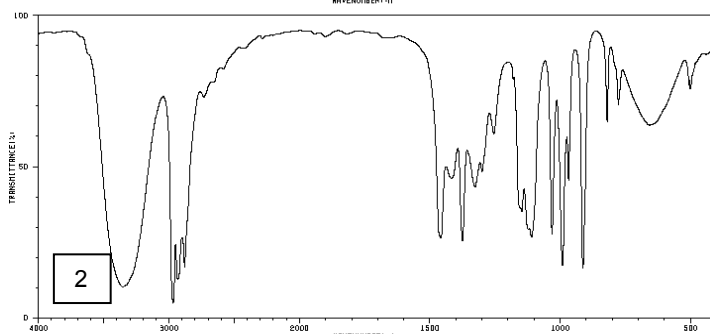
butanoic acid, butanone, butan-2-ol, 2-methylbut-1-ene, butylamine



Compound

Bond & range (cm⁻¹)

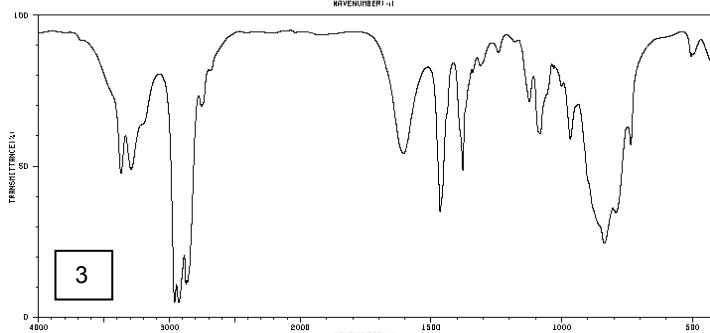
Bond & range (cm⁻¹)



Compound

Bond & range (cm⁻¹)

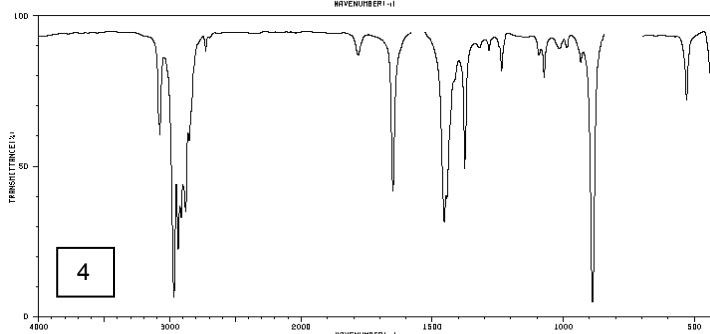
Bond & range (cm⁻¹)



Compound

Bond & range (cm⁻¹)

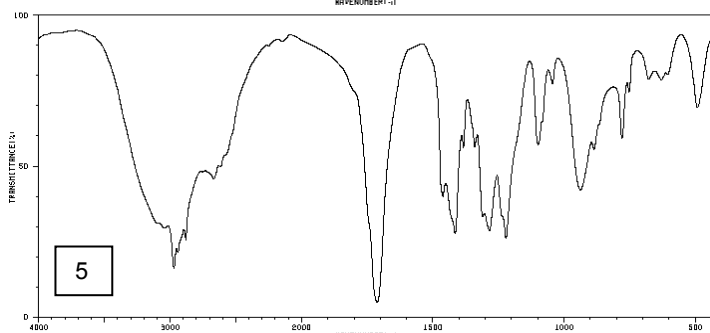
Bond & range (cm⁻¹)



Compound

Bond & range (cm⁻¹)

Bond & range (cm⁻¹)



Compound

Bond & range (cm⁻¹)

Bond & range (cm⁻¹)