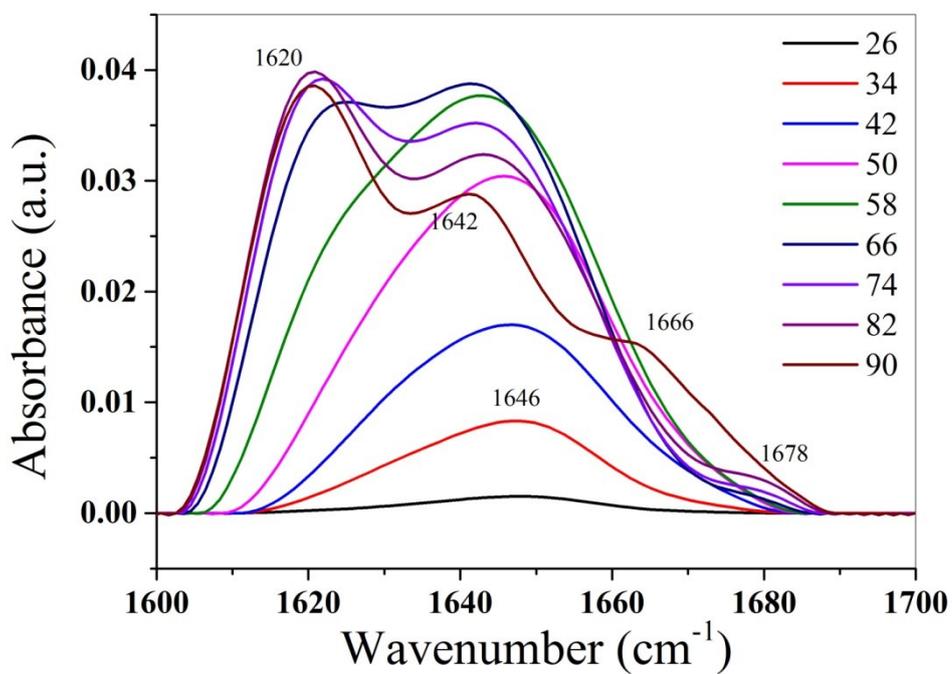
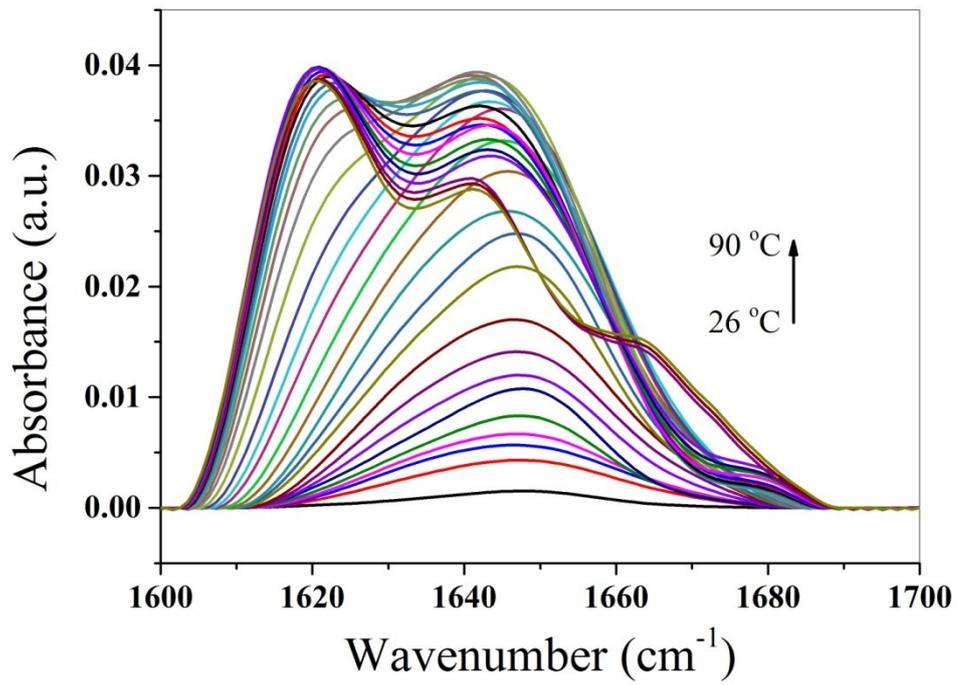


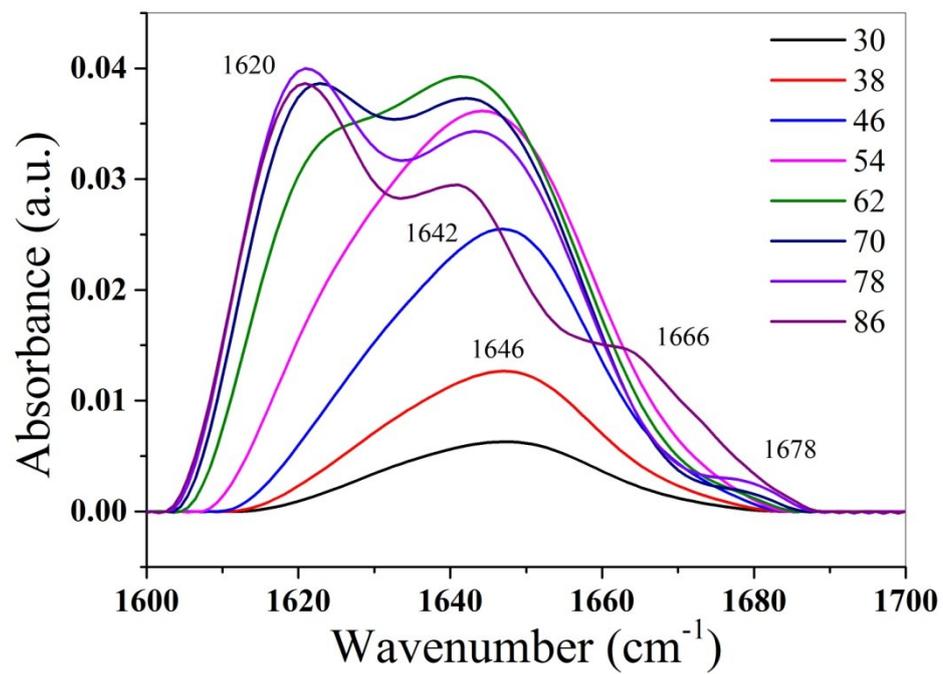
Supporting Information



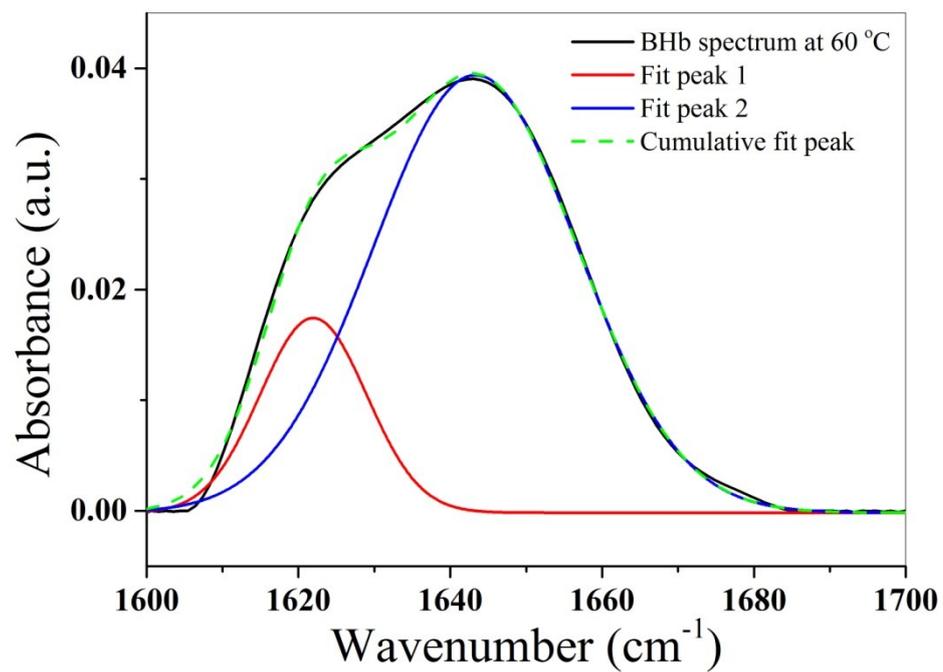
Supporting Figure 1 Selected characteristic IR-ATR spectra of BHp in D₂O with labeled peaks (after smoothing and baseline correction).



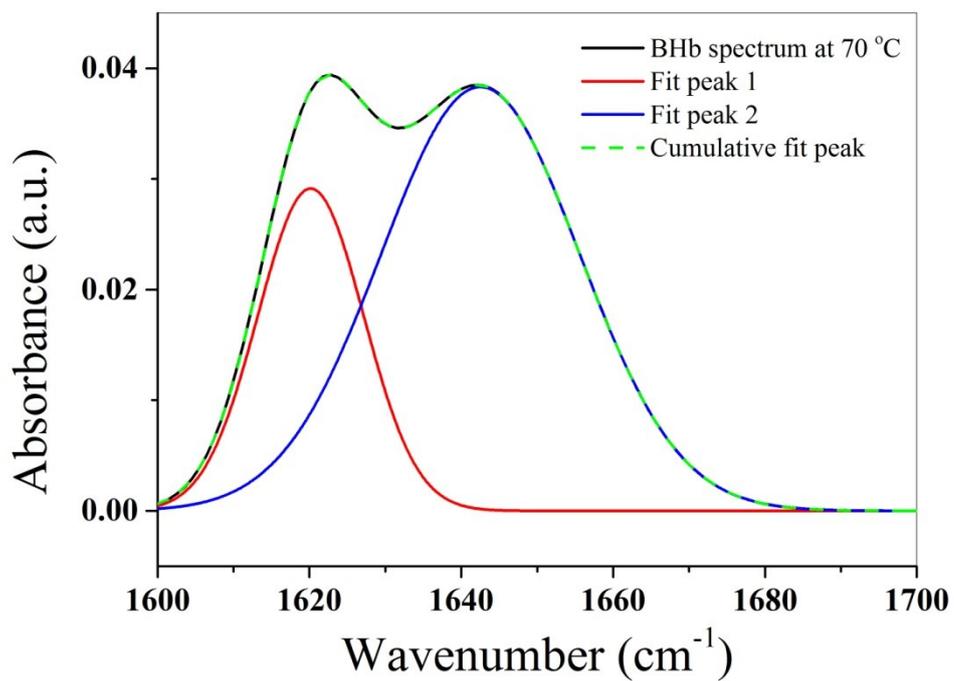
Supporting Figure 2 Second series of characteristic IR-ATR spectra of BHB in D₂O with labeled peaks (after smoothing and baseline correction).



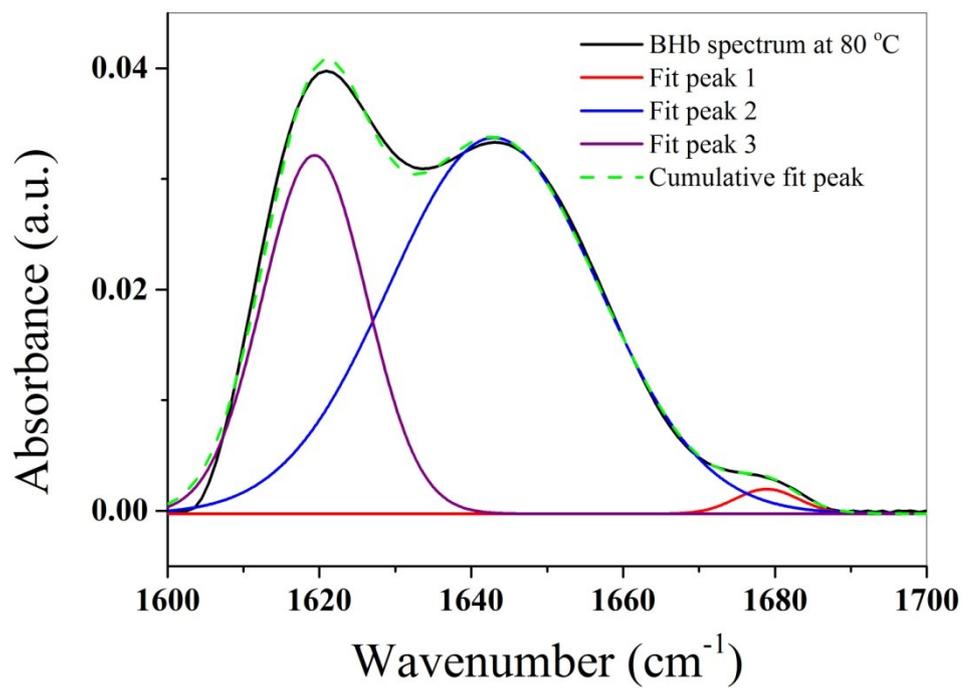
Supporting Figure 3 Third series of selected characteristic IR-ATR spectra of BHB in D₂O with labeled peaks (after smoothing and baseline correction).



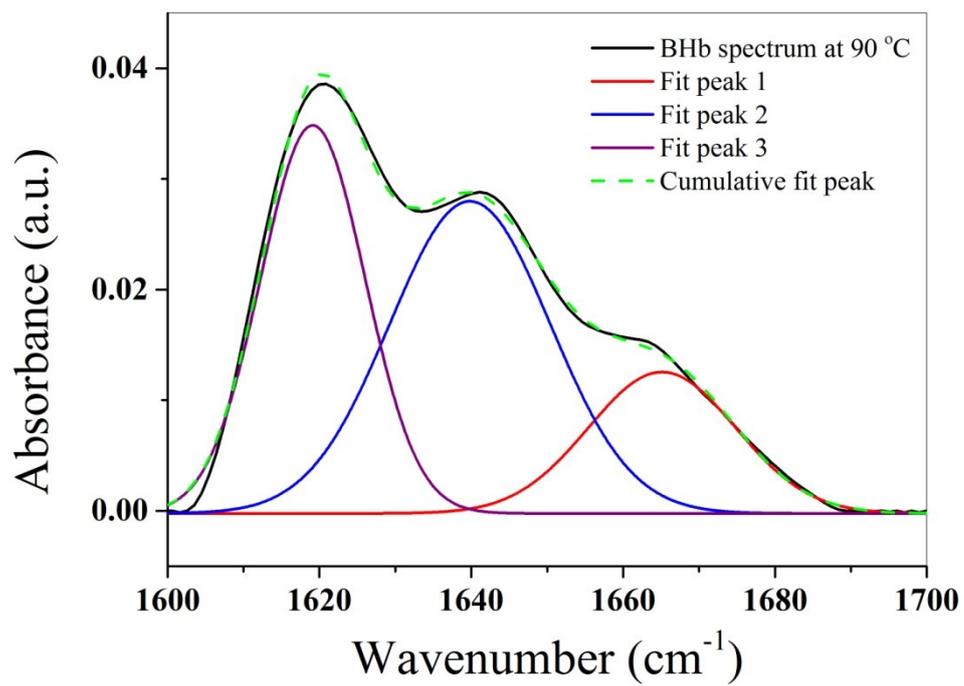
Supporting Figure 4 IR-ATR spectrum of the BHB solution in the amide I region along with the respective best-fitted individual band components at 60 °C.



Supporting Figure 5 IR-ATR spectrum of the BHB solution in the amide I region along with the respective best-fitted individual band components at 70 °C.



Supporting Figure 6 IR-ATR spectrum of the BHB solution in the amide I region along with the respective best-fitted individual band components at 80 °C.



Supporting Figure 7 IR-ATR spectrum of the BHp solution in the amide I region along with the respective best-fitted individual band components at 90 °C.