

Supplementary Information

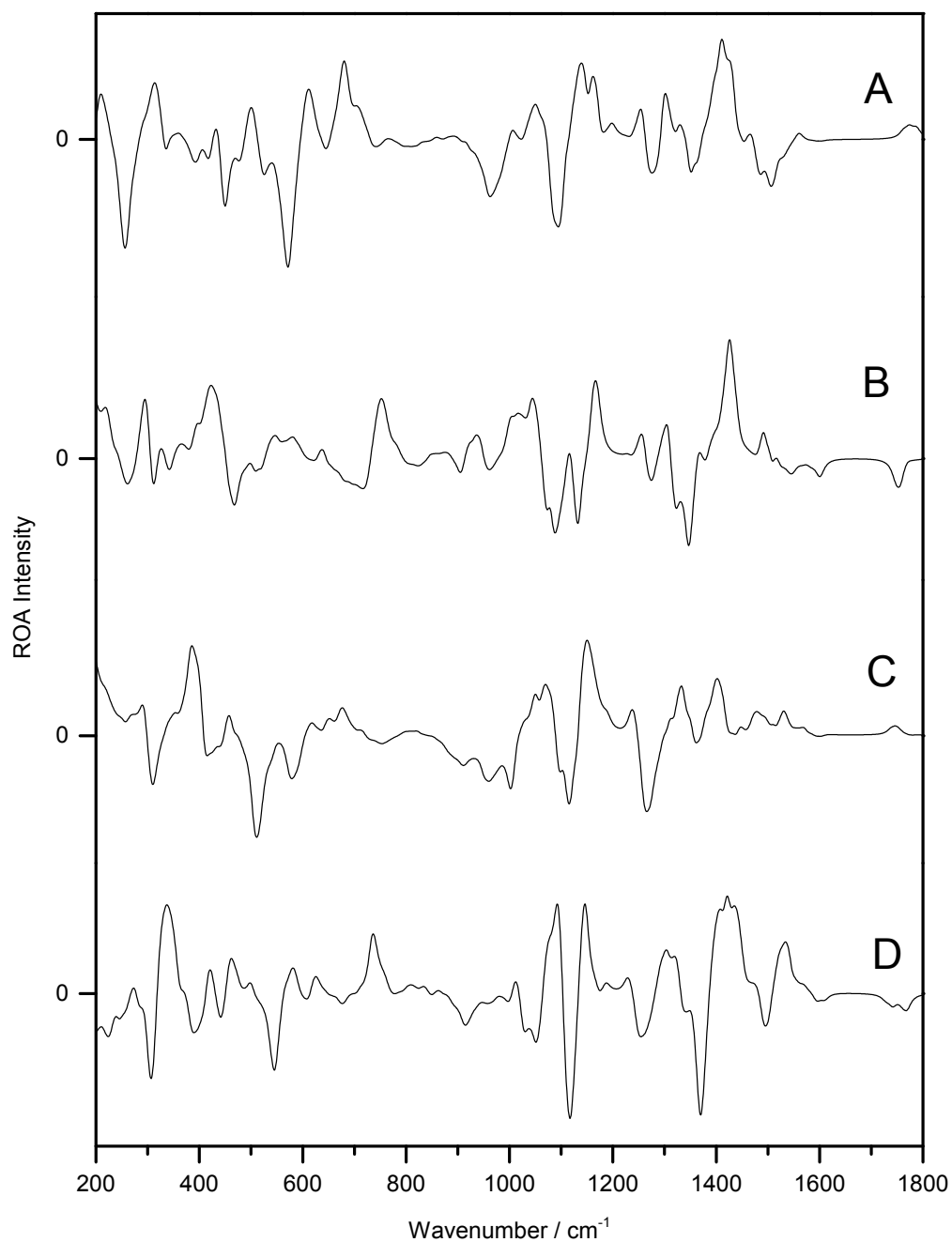


Fig. S1 ROA spectra of the 4 conformers of GlcNAc calculated using the OPTGlcNAc approach.
Panel A: $\omega=-60^\circ$ $\gamma=-180^\circ$, B: $\omega=-60^\circ$ $\gamma=0^\circ$, C: $\omega=60^\circ$ $\gamma=-180^\circ$, D: $\omega=60^\circ$ $\gamma=0^\circ$.

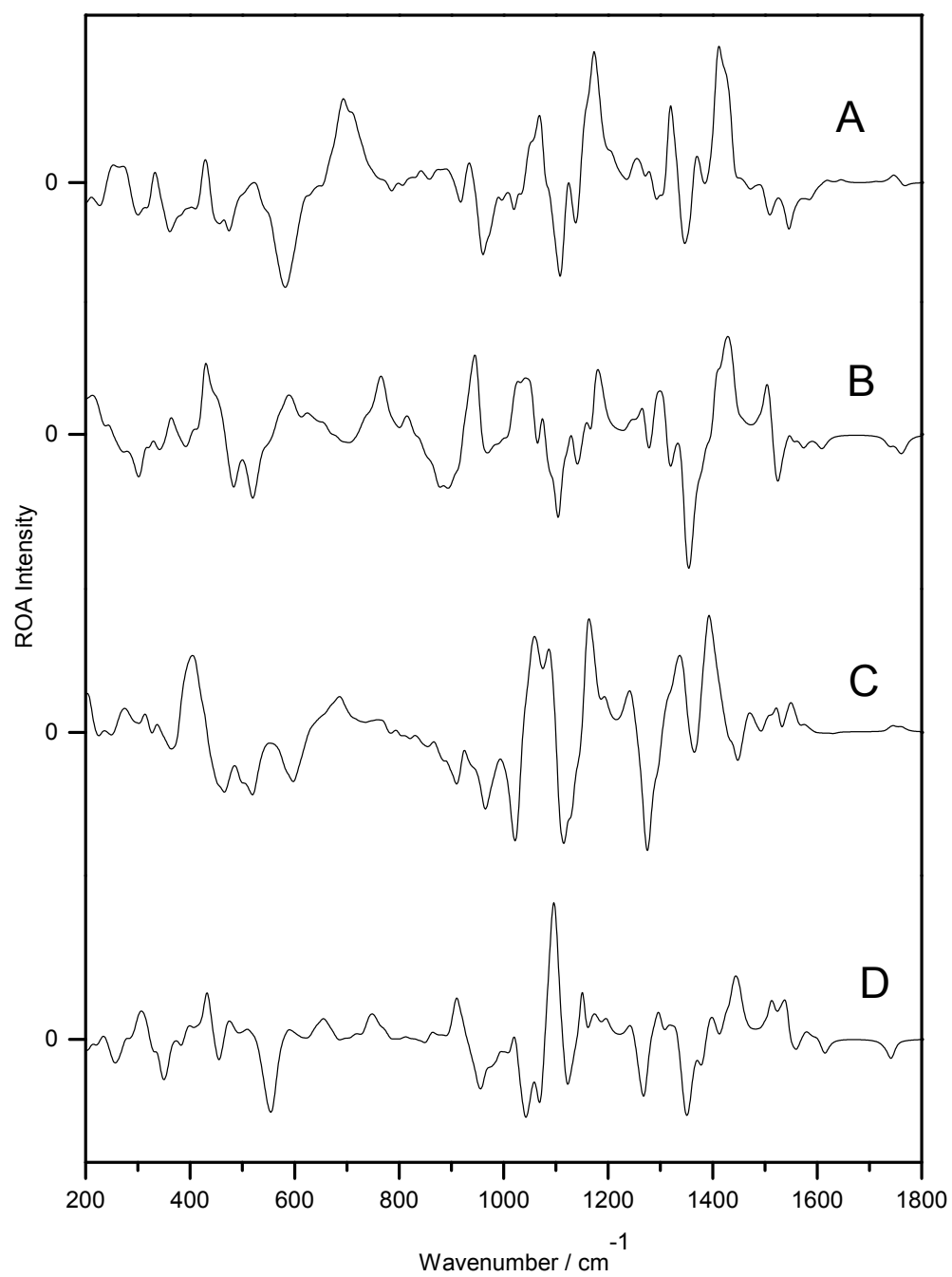


Fig. S2 ROA spectra of the 4 conformers of GlcNAc calculated using the OPTALL approach. Panel A: $\omega=-60^\circ$ $\gamma=-180^\circ$, B: $\omega=-60^\circ$ $\gamma=0^\circ$, C: $\omega=60^\circ$ $\gamma=-180^\circ$, D: $\omega=60^\circ$ $\gamma=0^\circ$.