

Figure S1. IR spectra of FAU calculated for "A" model

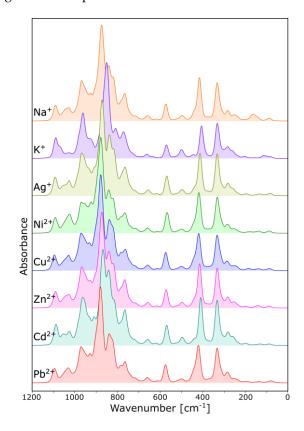


Figure S2. IR spectra of FAU calculated for "B" model

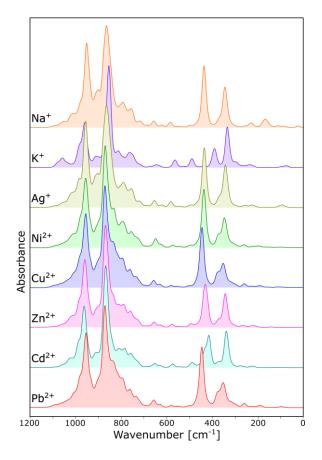


Figure S3. IR spectra of FAU calculated for "C" model

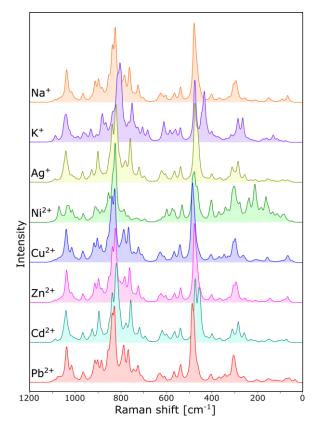


Figure S4. Raman spectra of FAU calculated for "A" model

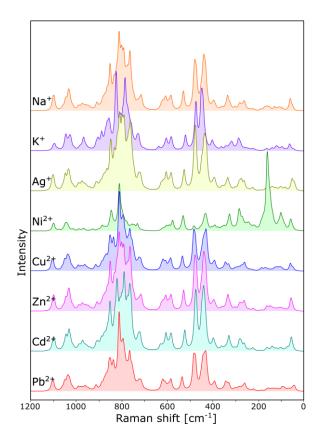


Figure S5. Raman spectra of FAU calculated for "B" model

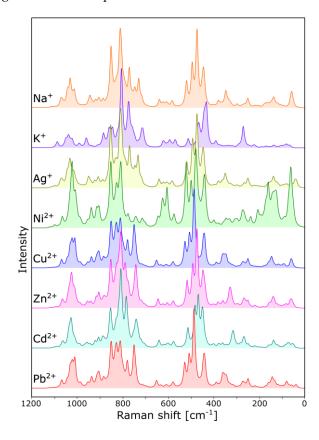


Figure S6. Raman spectra of FAU calculated for "C" model