

Electronic Supplementary Information (ESI)

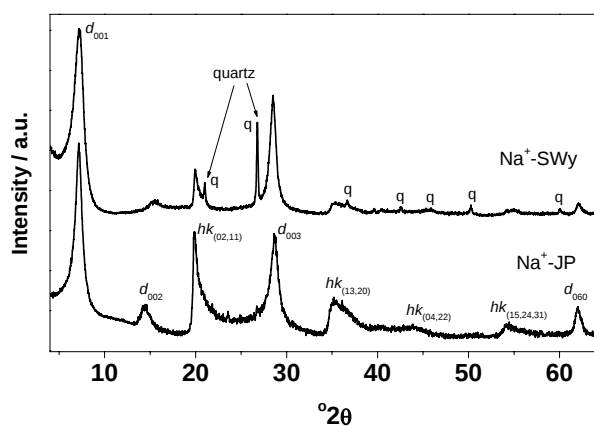


Figure ESI 1. X-ray diffraction patterns of Na^+ -JP and Na^+ -SWy samples

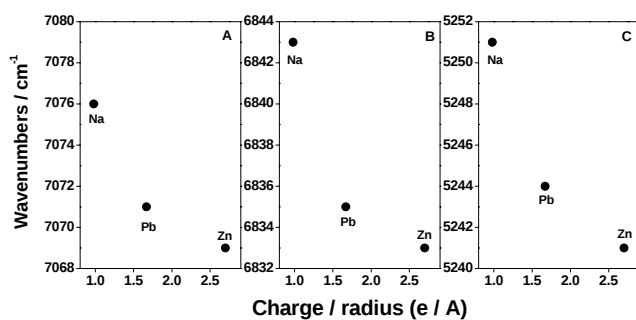


Figure ESI 2. The position of A) $2\nu_{\text{H}_2\text{O}}$, B) $2\nu_{\text{W}}$, and C) $(\nu+\delta)_{\text{H}_2\text{O}}$ bands as a function of ionic charge/radius ratio for Na^+ -, Pb^{2+} -, and Zn^{2+} -JP