



Figure S1: Extracted ion chromatograms of MC-YR calibration standard (0.1 ug/ml) (A) and *Pseudanabaena* 21.22 sample (B). Mass spectra of the transition (1045.5316 > 135.0804) corresponding to the MC-YR in the calibration standard (C) and *Pseudanabaena* 21.22 sample (D). Collision energy of 60 eV was used for the fragment transition.