



Figure S1. Spectrum of CYCP using Q1 ESI+ scan (mass range 560-630 Da) (a). Spectrum of product ions of selected CYCP parent ion at 599.9

Da using ESI⁺ product ion mode (mass range 50-610 Da) (b). Spectrum of CYCP using Q1 ESI⁻ scan (mass range 560-630 Da) (c). Spectrum of product ions of selected CYCP parent ion at 599.9 Da using ESI⁻ product ion mode (mass range 50-610 Da) (d).