



ESI 3. Episodic (A₁-A₃) and total emission spectra (B₁-B₃) of Hg recorded in 3 successive days under the optimum operating conditions in SICV- μ CAP-OES for a solution of 0.04 ng mL⁻¹ Hg (1 ng Hg in 25 mL). Optimal operating conditions: 8 min sonication time; 0.2 mol L⁻¹ formic acid; 10 W plasma power; 100 mL min⁻¹ Ar flow rate; 0.8 mm observation height.