

Supplementary material

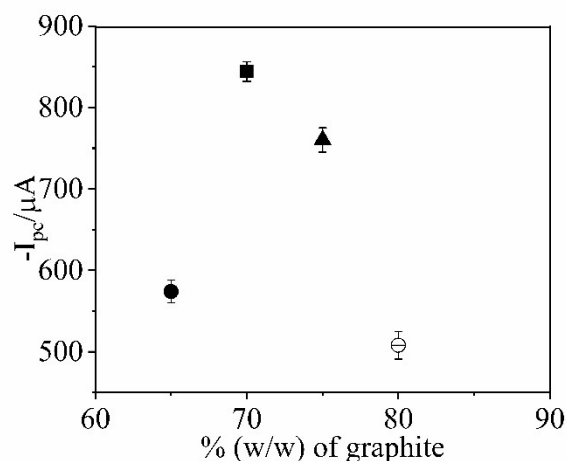
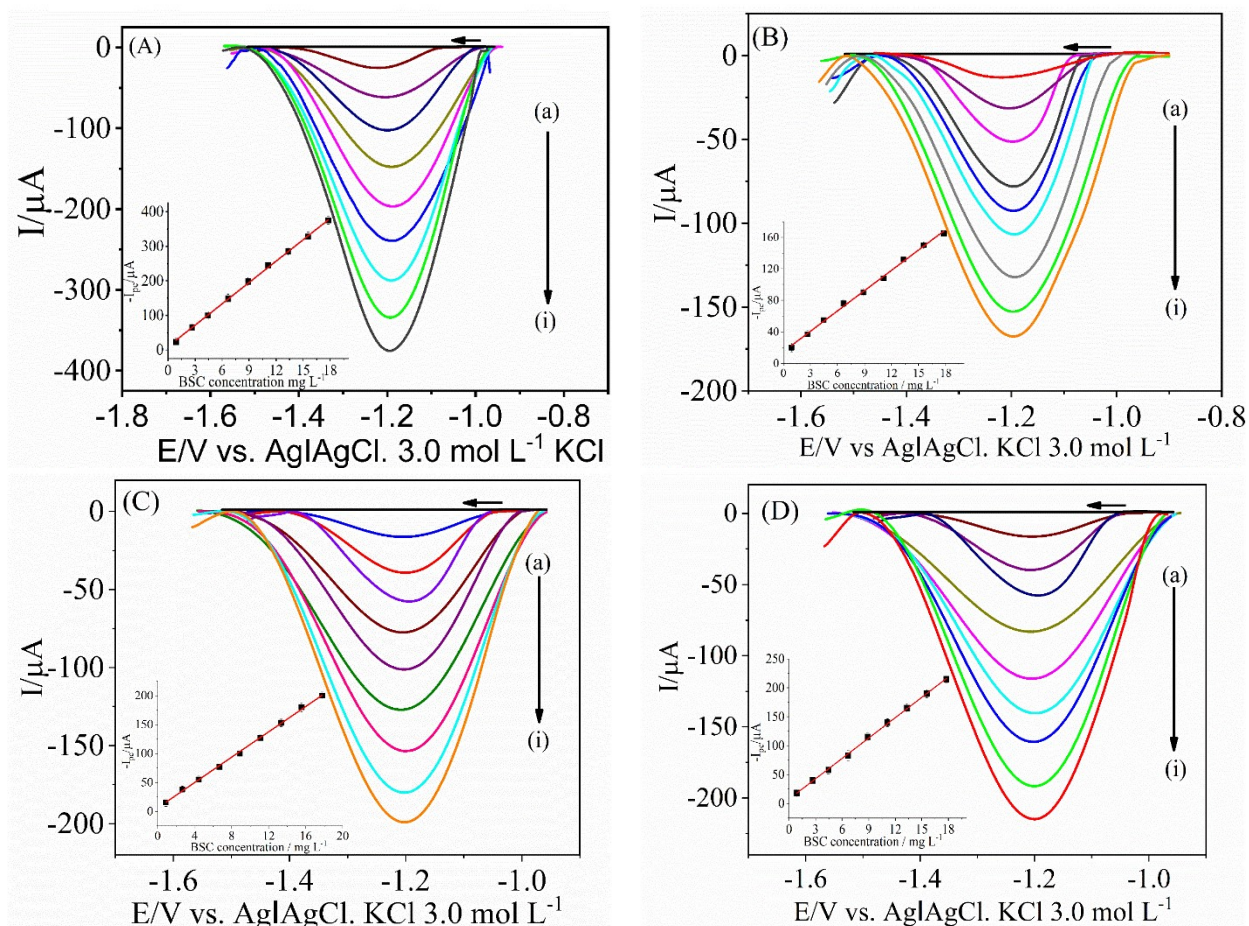


Figure 1S. Averages values with standard deviations of I_{pc} in 1.00 mmol L^{-1} of BSC using CPE in the following proportions of graphite/binder: (●) 65:35 (w/w); (■) 70:30; (w/w); (▲) 75:25 (w/w) and (⊖) 80:20 (w/w) in 0.100 mol L^{-1} of HCl/acetone 70:30 (v/v).



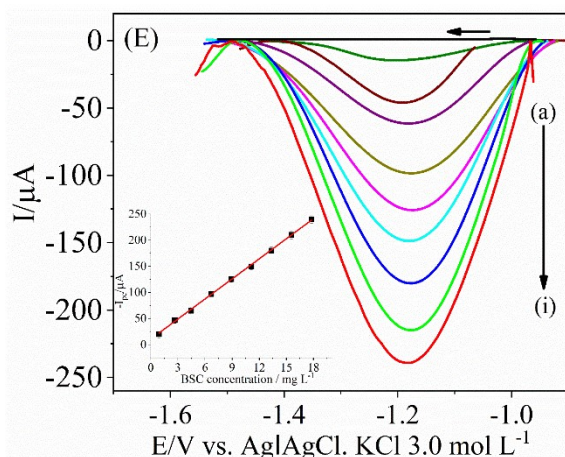


Figure 2S. DPV voltammograms for different concentrations of BSC in: (A) deionized water; (B) red grape 100% juice; (C) peel extracts; (D) pulp; (E) grape seed. Insert: variation of I_{pc} with concentration of BSC. The concentrations of BSC were (a) 0.900 mg L⁻¹; (b) 2.67 mg L⁻¹; (c) 4.44 mg L⁻¹; (d) 6.67 mg L⁻¹; (e) 8.89 mg L⁻¹; (f) 11.12 mg L⁻¹; (g) 13.32 mg L⁻¹; (h) 15.60 mg L⁻¹ and (i) 18.00 mg L⁻¹.

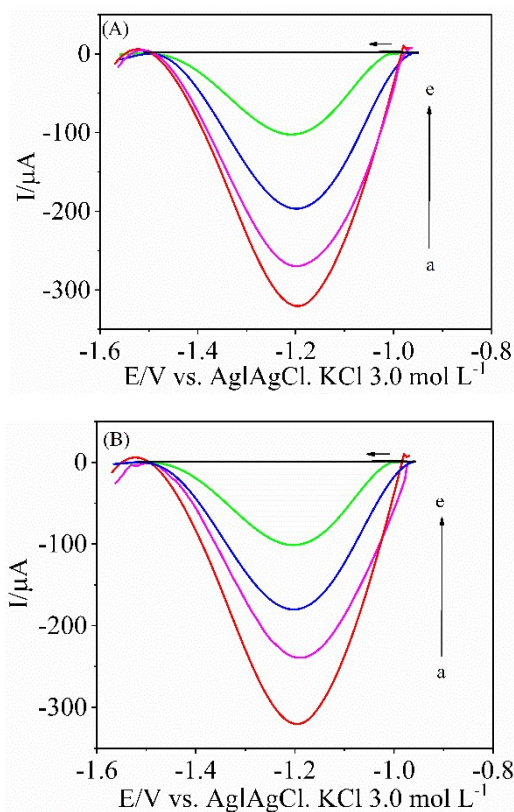


Figure 3S. Effect on the voltammetric response of 12.00 mg L⁻¹ of BSC using CPE in the presence of the interferents (A) citric acid and (B) tartaric acid at concentrations of: (a) 0; (b) 120.0 mg L⁻¹; (c) 600.0 mg L⁻¹; (d) 1,200 mg L⁻¹ and (e) absence of BSC and interferents.