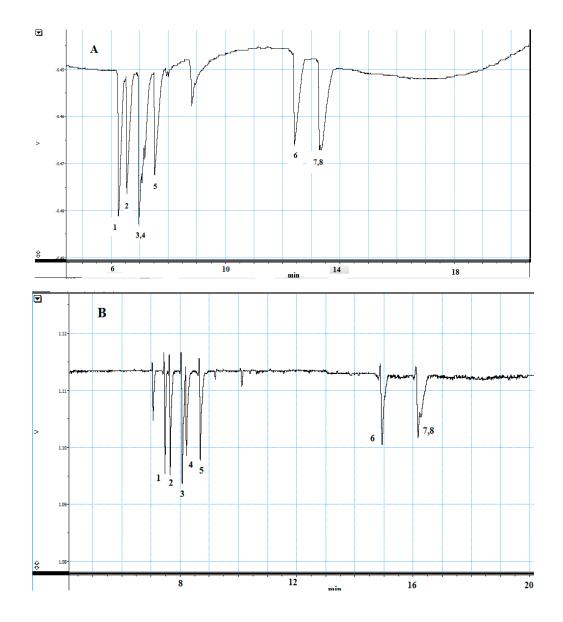
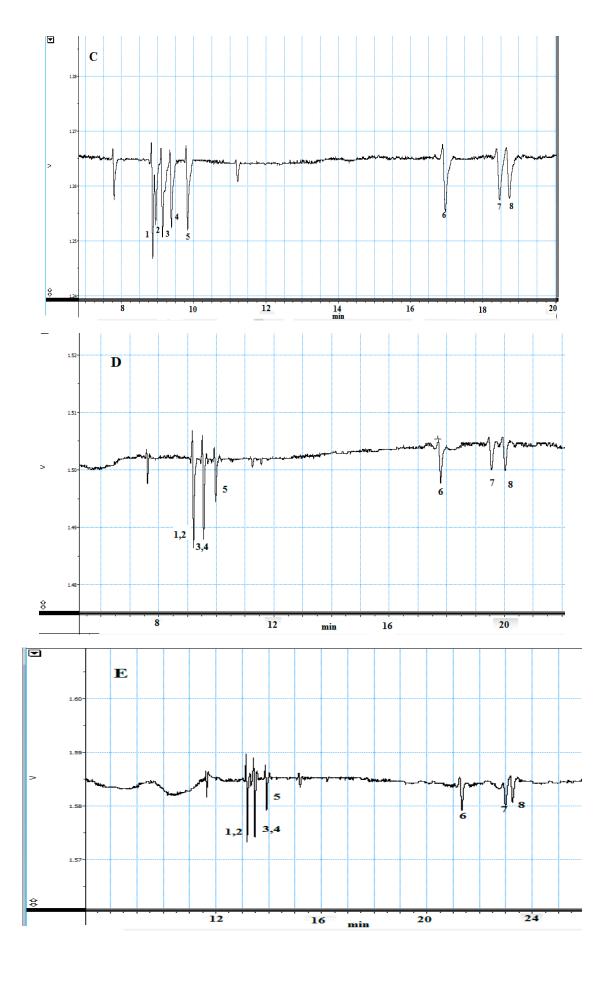
Supplementary Material:

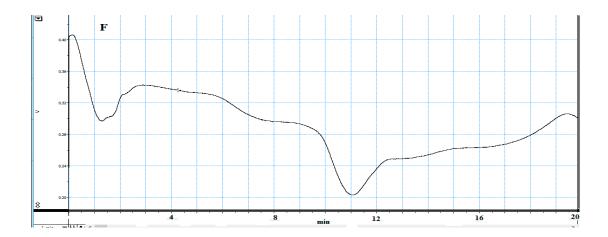
Determination of Biogenic Amines in Seawater using Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection

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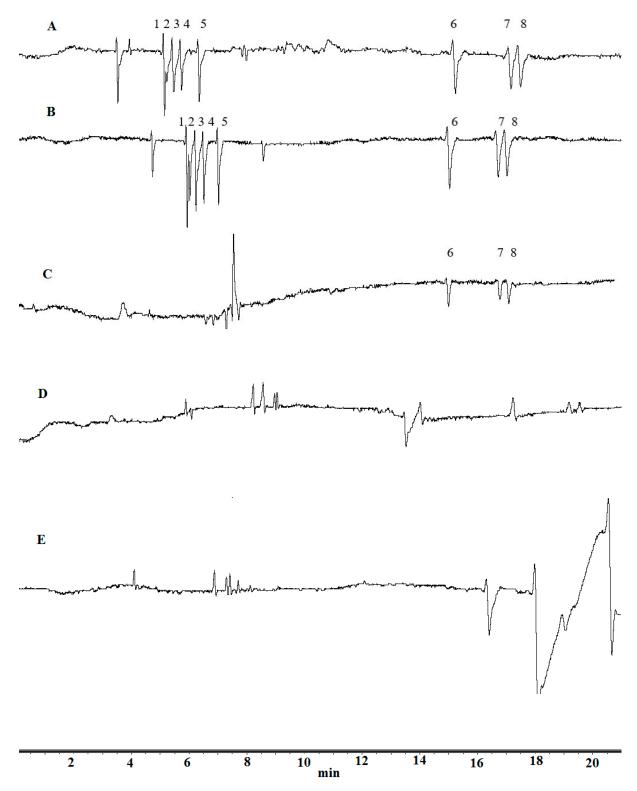
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Supplementary Figure S1. Effect of different organic acids as BGE on the separation of the BA. (A) acetic acid, (B) formic acid, (C) malic acid, (D) citric acid, (E) tartaric acid and (F) trifluoroacetic acid. Peak identity: SPM (1), SPD (2), HIS (3), CAD (4), PUT (5), PHE (6), TYR (7), and TRY (8). CE conditions: acid (300 mmol L^{-1}); voltage (25 kV); injection time (5 s); capillary temperature, (24 $^{\circ}$ C); C 4 D conditions, frequency (600 kHz) and amplitude (100 V).



Supplementary Figure S2. Effect of pH of BGE on the separation of BAs. (A) 1.8, (B) 2.0 (C) 2.2 (D) 2.4 and (E) 2.6. CE conditions: malic acid (300 mmol L^{-1}); voltage (25 kV); injection time (5 s); capillary temperature, (24 $^{\circ}$ C); C⁴D conditions, frequency (600 kHz) and amplitude (100 V).