



Supplementary Figure 1: Overlaid XIC of omeprazole (100 $\text{ng}\cdot\text{mL}^{-1}$) in 50:50 methanol: water containing 0.1% formic acid (A), 10 mM ammonium formate (B), 10 mM ammonium acetate (C) and 5 mM ammonium bicarbonate (D) at different mobile phase conditions; pH 2.7 (blue peak), pH 3.9 (red peak), pH 6.5 (green peak) and pH 8.3 (yellow peak).