

**Spatial distributions of furan and 5-hydroxymethylfurfural in unroasted and roasted *Coffea arabica* beans**

**SUPPLEMENTARY MATERIAL**

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This document contains Figure S1 which shows the ion images for furan and 5-hydroxymethylfurfural in a second roasted coffee bean.

**Figure S1.** The color-overlaid ion images of furan ( $m/z$  69.0340) and 5-hydroxymethylfurfural ( $m/z$  127.0395) in a roasted coffee bean. The color scale from black to yellow within each panel is indicative of zero or low intensity to a high intensity of the indicated ion.

