

## Supporting information

### **Untargeted metabolomics of colonic digests reveals kynurenine pathway metabolites, dityrosine and 3-dehydroxycarnitine as red versus white meat discriminating metabolites**

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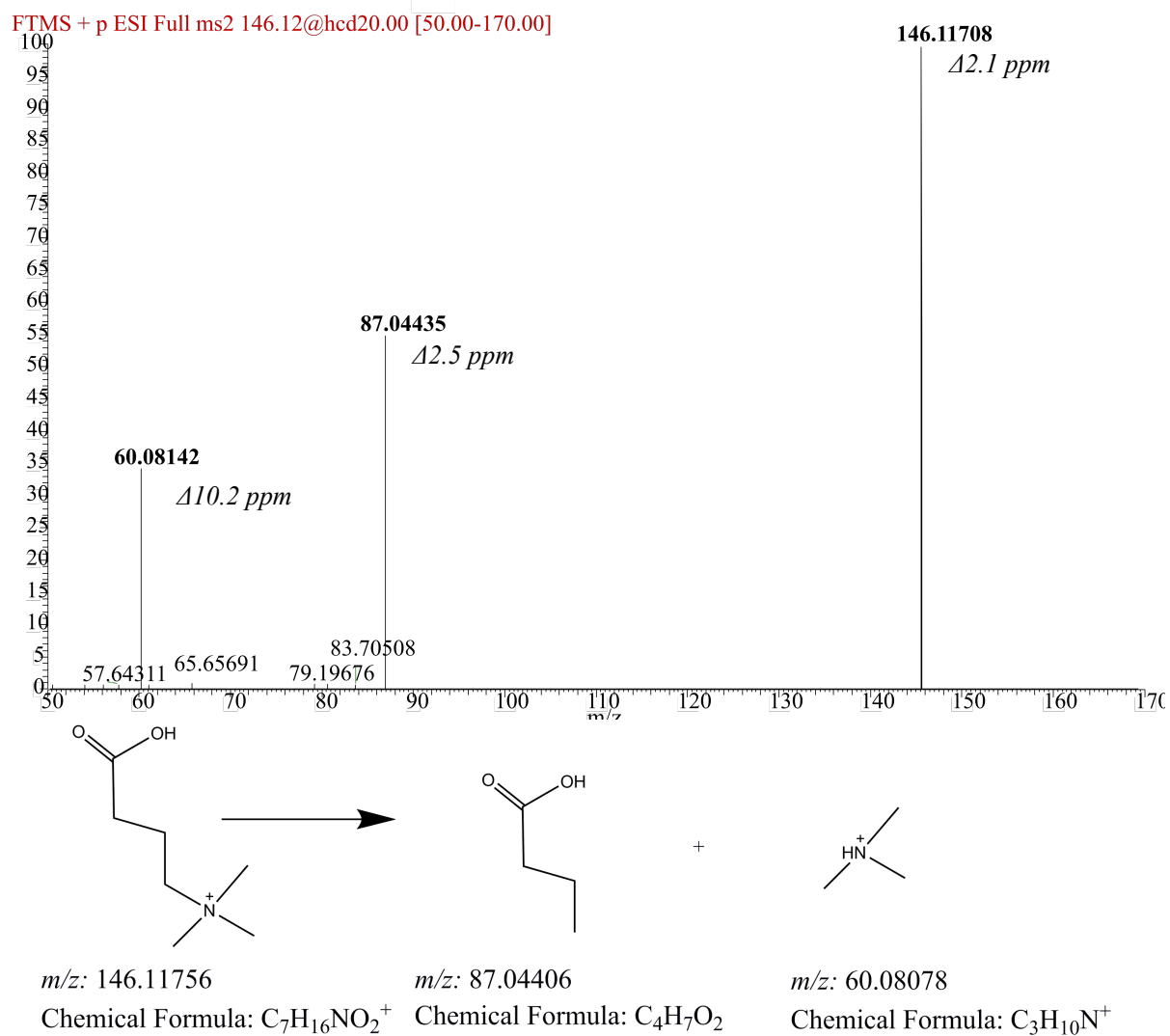
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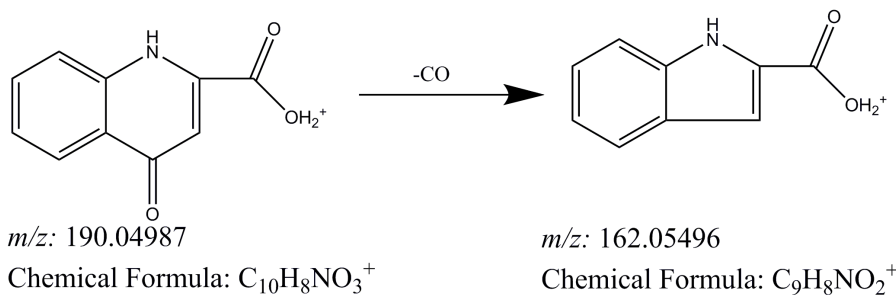
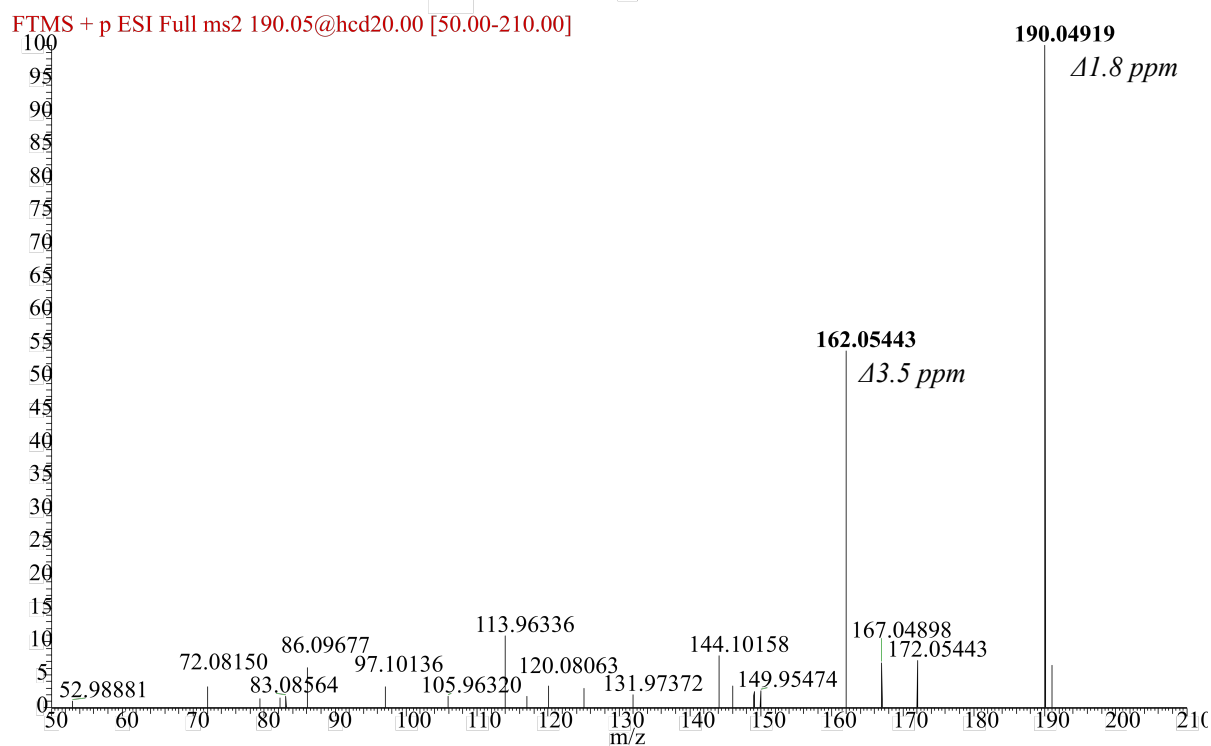
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**Figure S1. MS/MS data (+ ionization mode) used for identification of 3-dehydroxycarnitine. MS/MS fragmentation data (PRM) of  $m/z$  146.11708.**



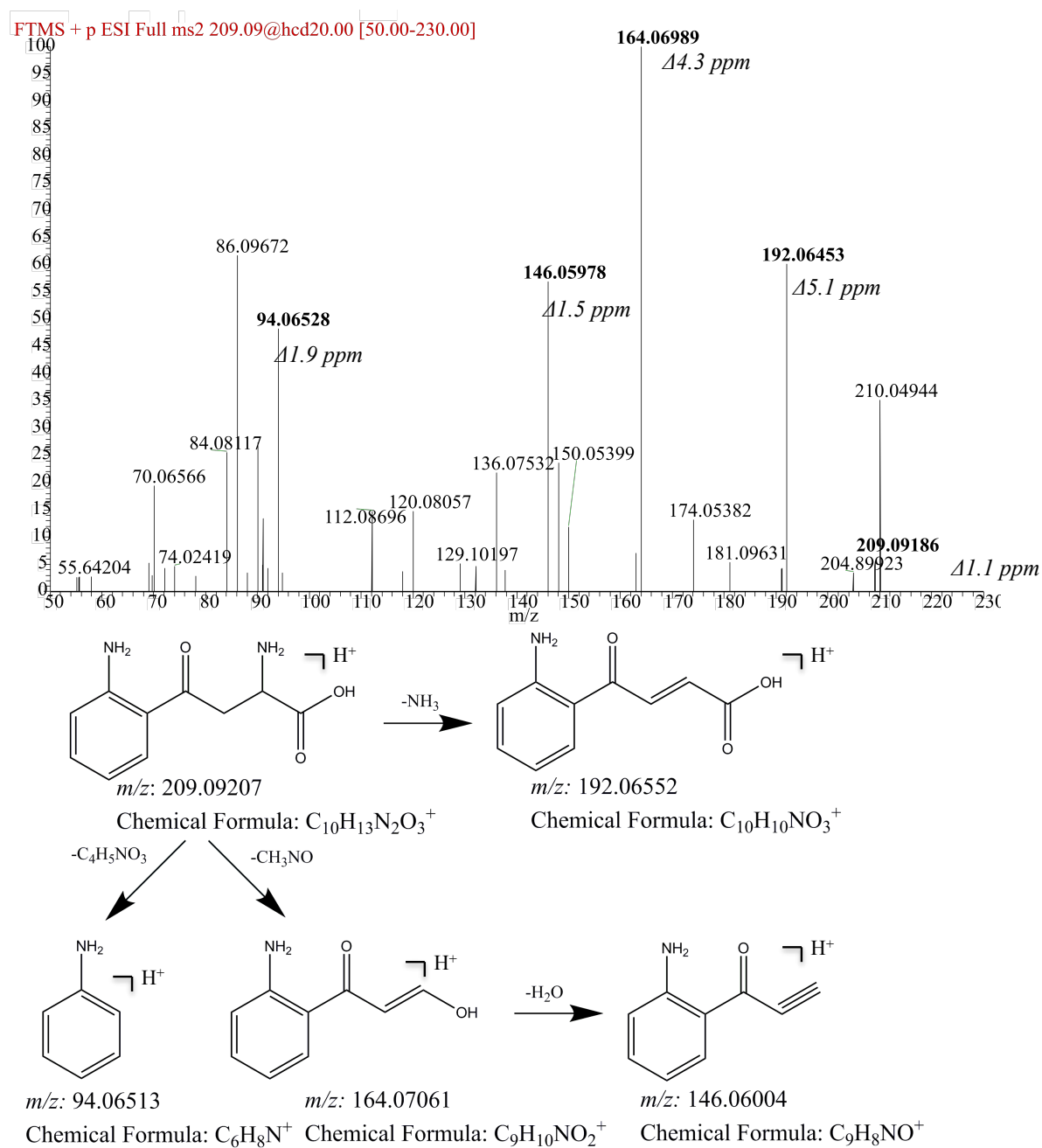
**Figure S2. MS/MS data (+ ionization mode) used for identification of kynurenic acid.**

MS/MS fragmentation data (PRM) of  $m/z$  190.04919.

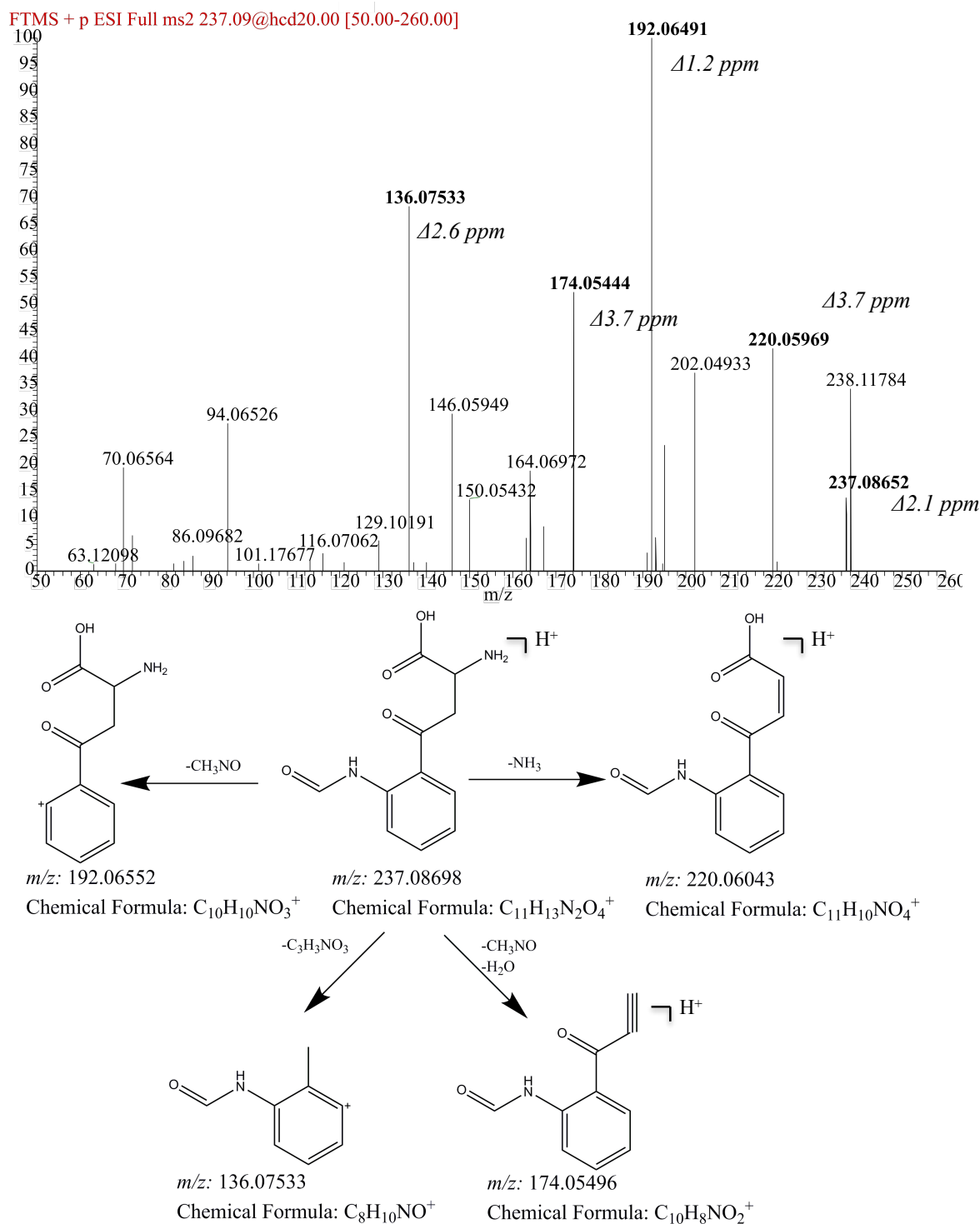


**Figure S3. MS/MS data (+ ionization mode) used for identification of L-kynurenine.**

MS/MS fragmentation data (PRM) of  $m/z$  209.09186.



**Figure S4. MS/MS data (+ ionization mode) used for identification of N'-formylkynurenine. MS/MS fragmentation data (PRM) of  $m/z$  237.08652.**



**Figure S5. MS/MS data (- ionization mode) used for identification of dityrosine.**

MS/MS fragmentation data (PRM) of  $m/z$  359.12482.

