

## Supplemental

Figure S1. Extracted ion chromatograms of the  $[M + H]^+$  ions of 2 ng injections of T obtained under A) APPI conditions and B) ESI conditions; and of DHT obtained under C) APPI conditions and D) ESI conditions.

Figure S2. APPI spectra of A)  $5\alpha$ -cholestan-3-one and B)  $5\beta$ -cholestan-3-one. Both species form the  $[M + CH_3]^+$  parent ion but the less stable  $\beta$  species fragments to  $[M + CH_3 - H_3COH]^+$  in source.

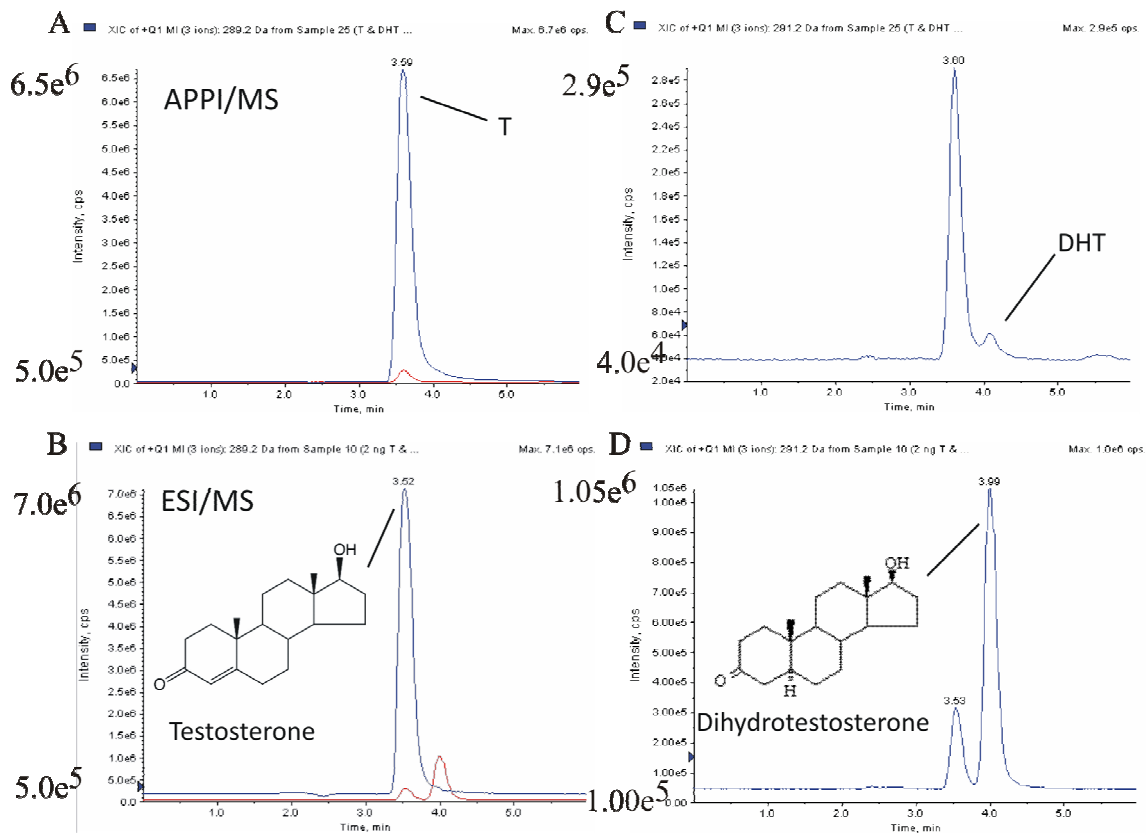


Figure S1

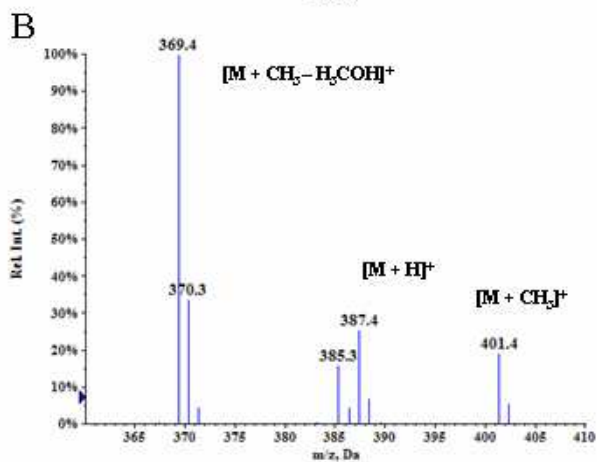
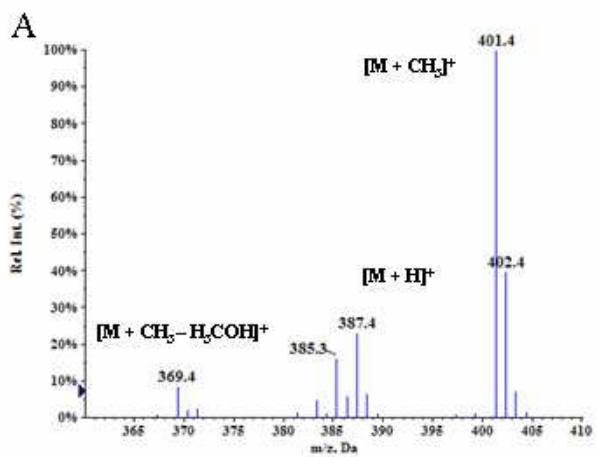


Figure S2

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