

*Supplementary Material*

# Unconventional Extraction of Total Non-Polar Carotenoids from Pumpkin Pulp and their Nanoencapsulation

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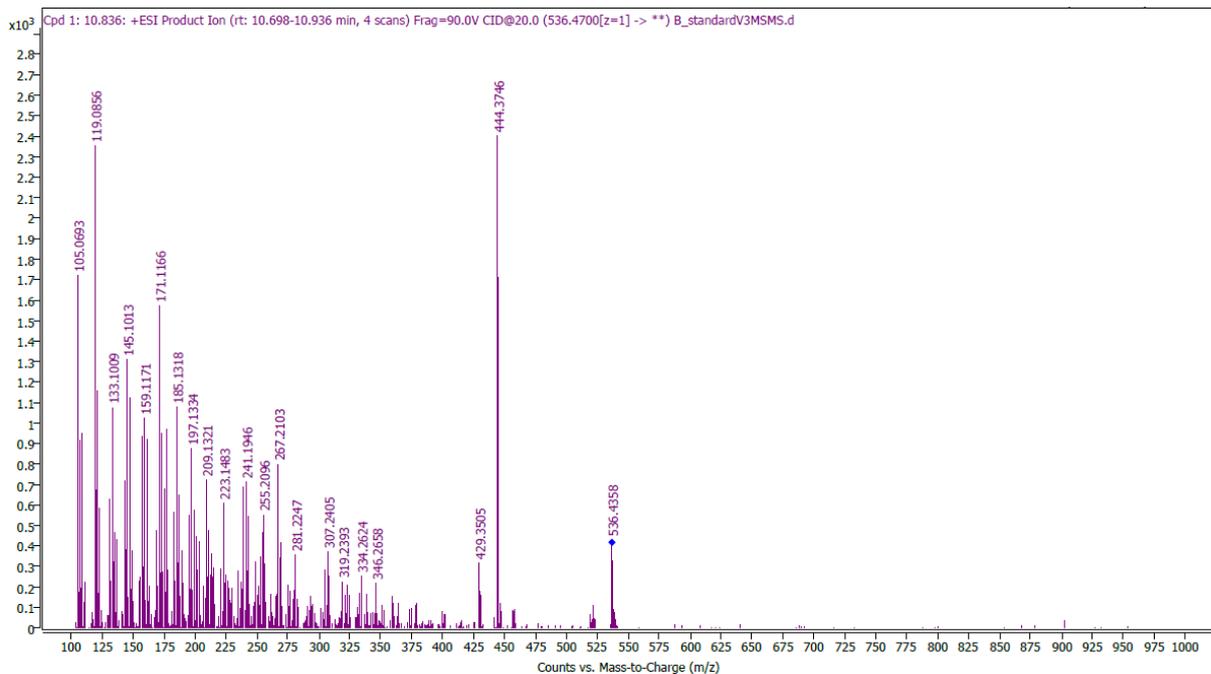
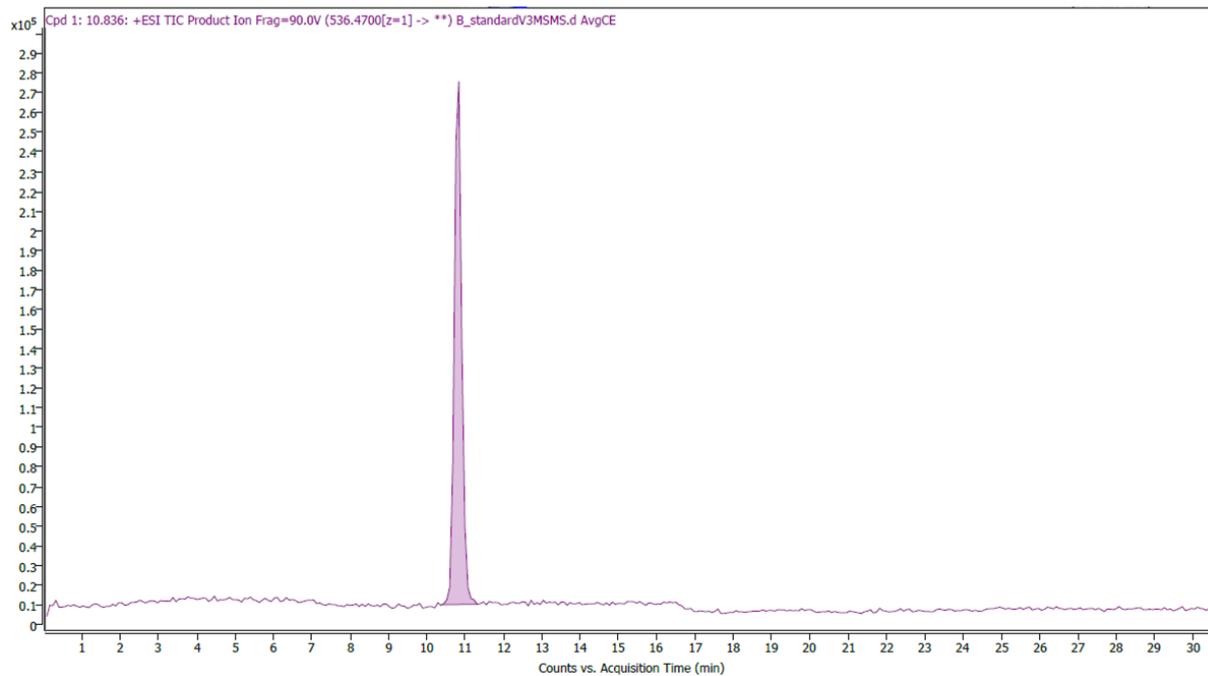
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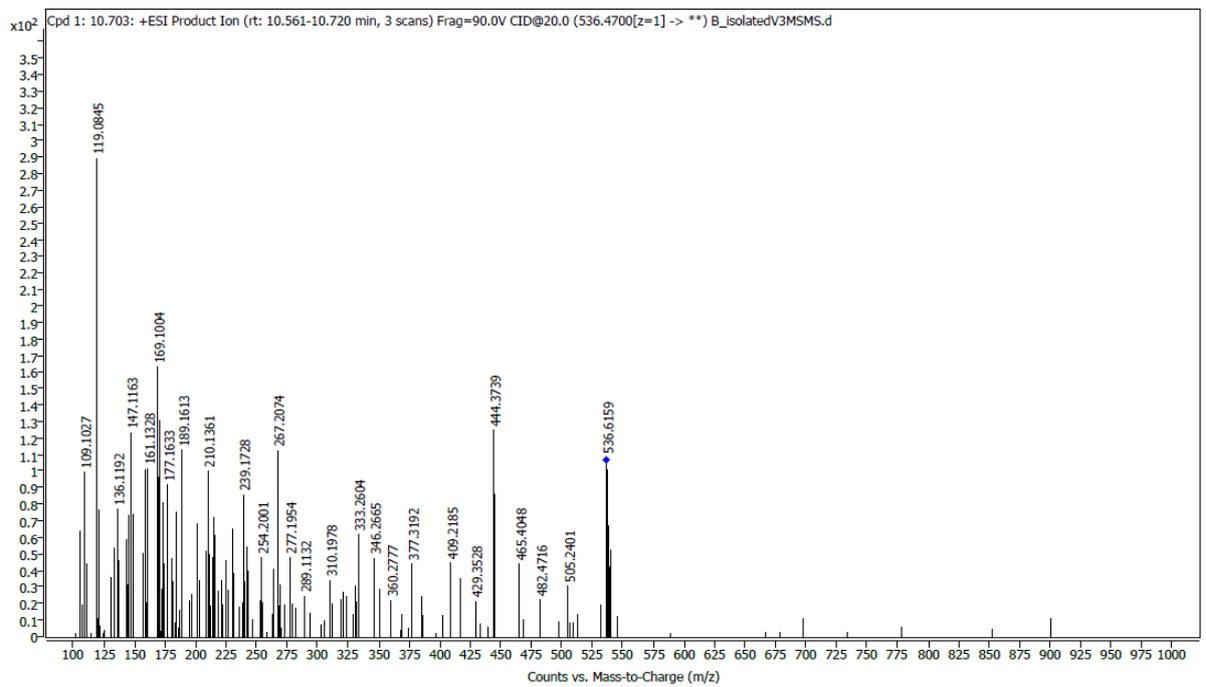
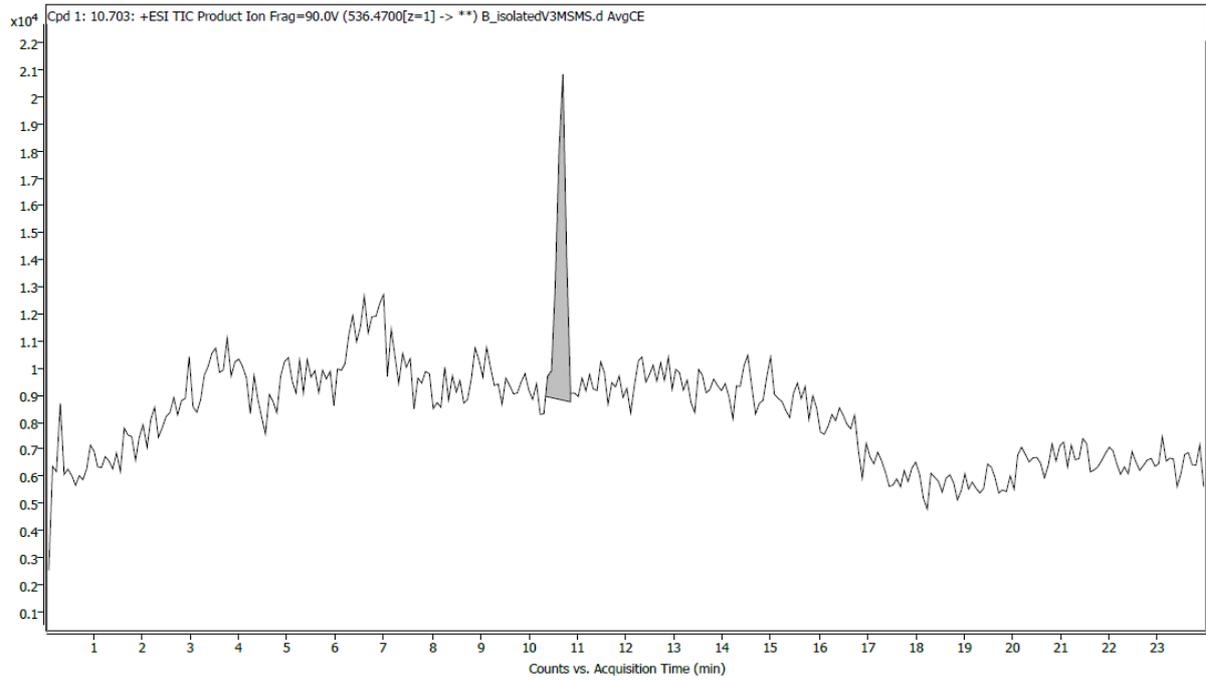
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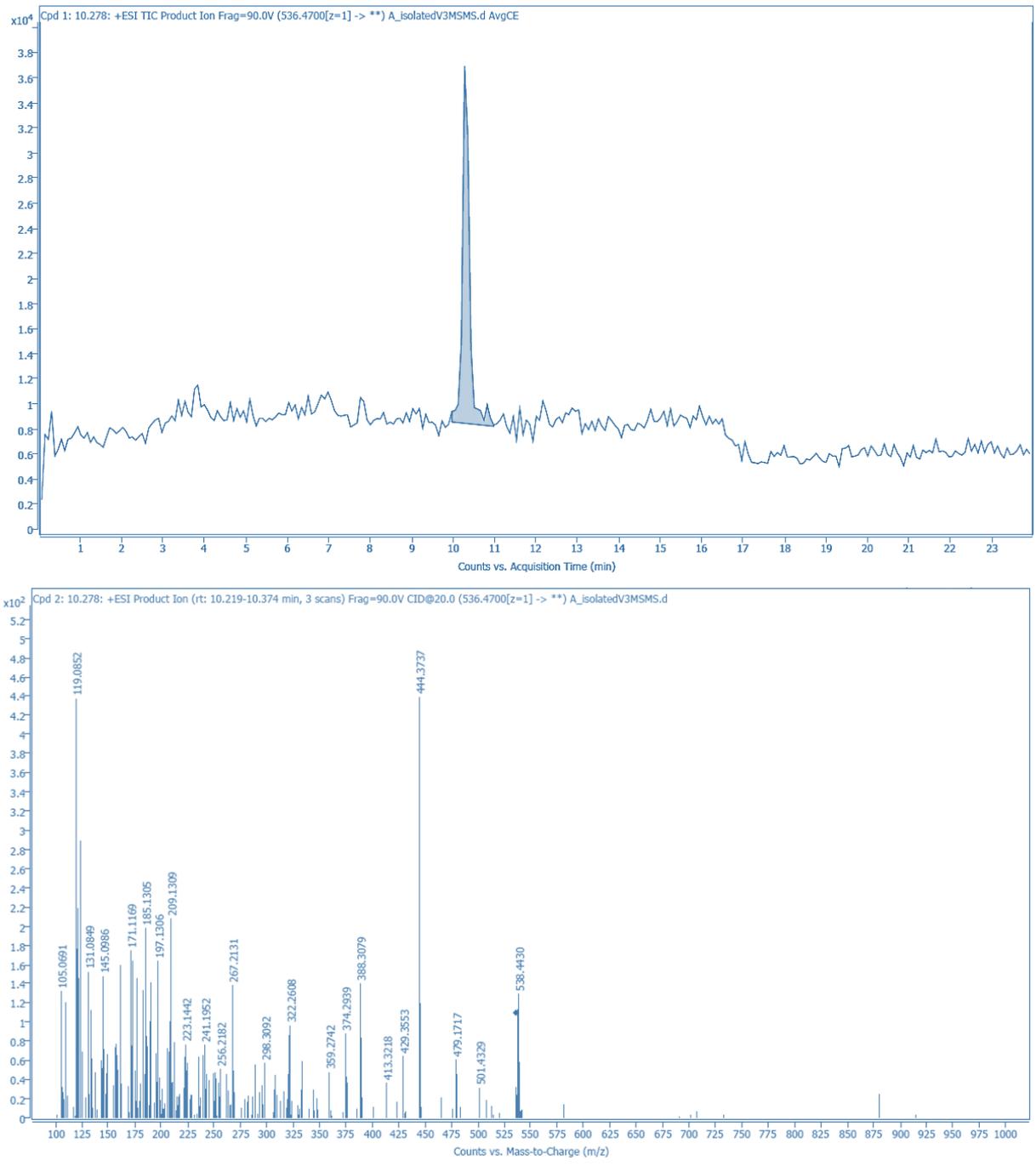
† These authors have equally contributed



**Figure S1.** Fragment ion spectrum for  $\beta$ -carotene commercial standard.



**Figure S2.** Fragment ion spectrum for  $\beta$ -carotene isolated by HPLC.



**Figure S3.** Fragment ion spectrum for  $\alpha$ -carotene isolated by HPLC.