

Supplementary Information

19-Butanoyl-Fucooxanthin

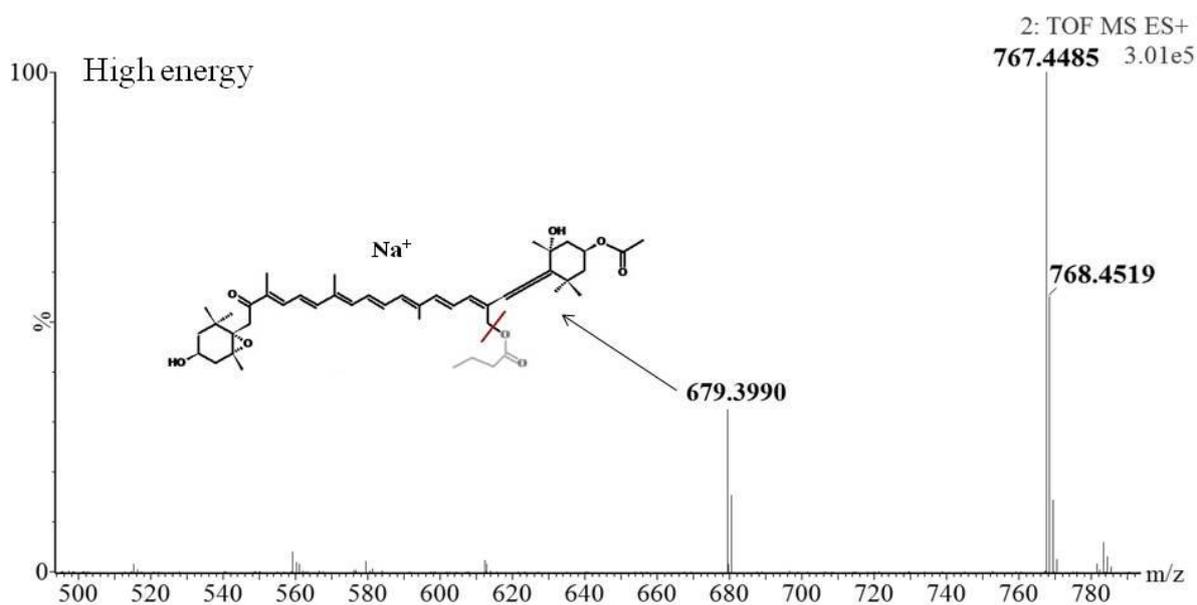
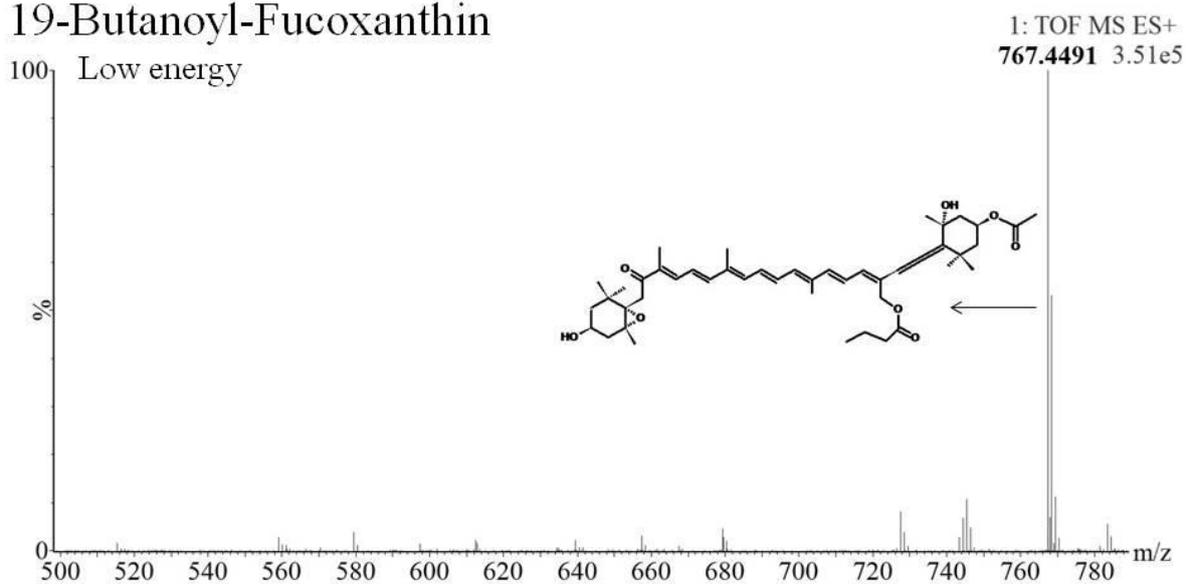


Figure S1. Cont.

19-Hexanoyl-Fucooxanthin

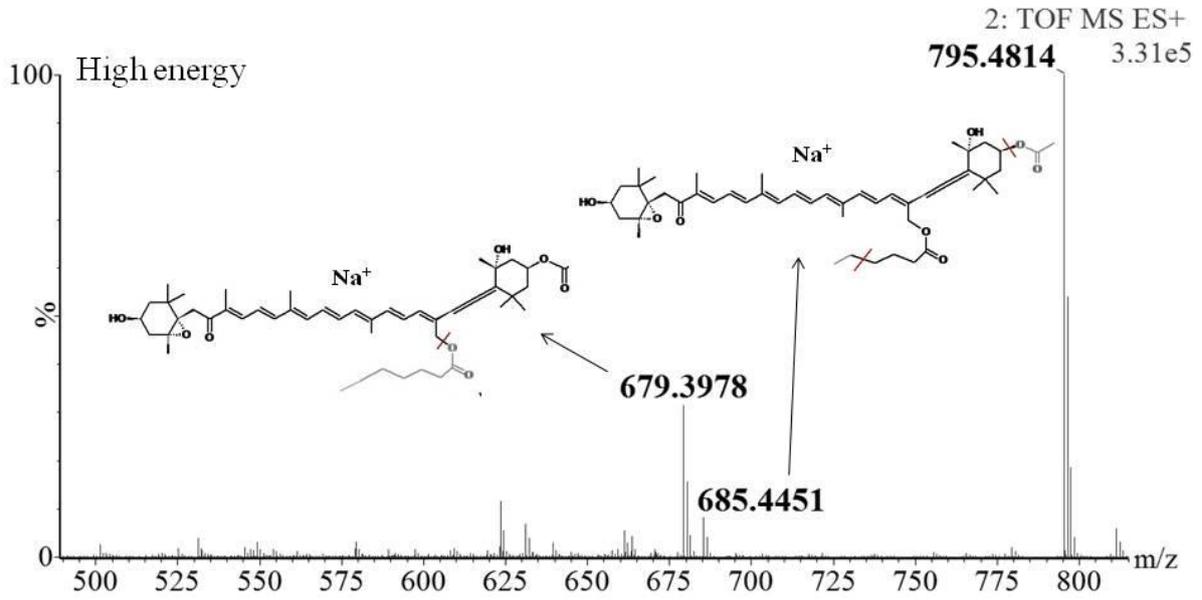
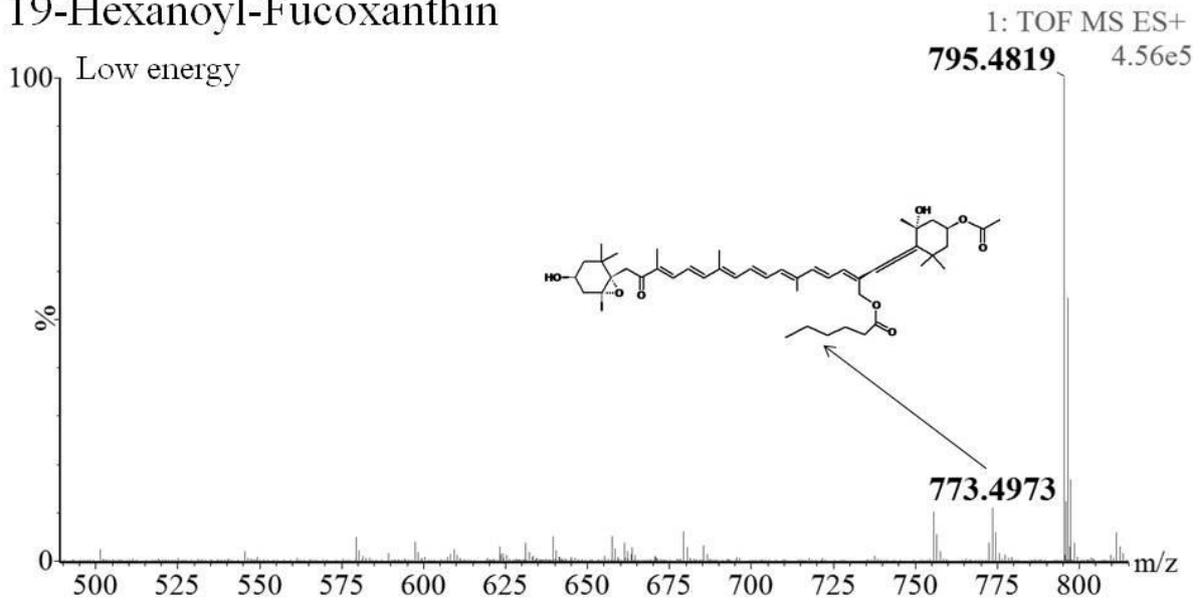


Figure S1. Cont.

Alloxanthin

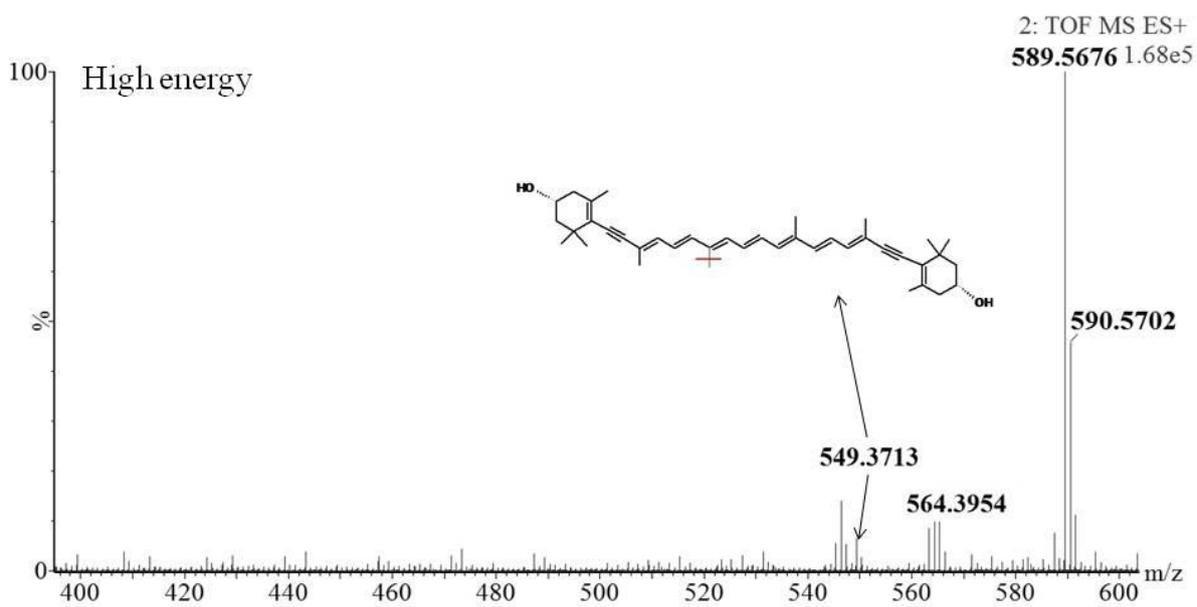
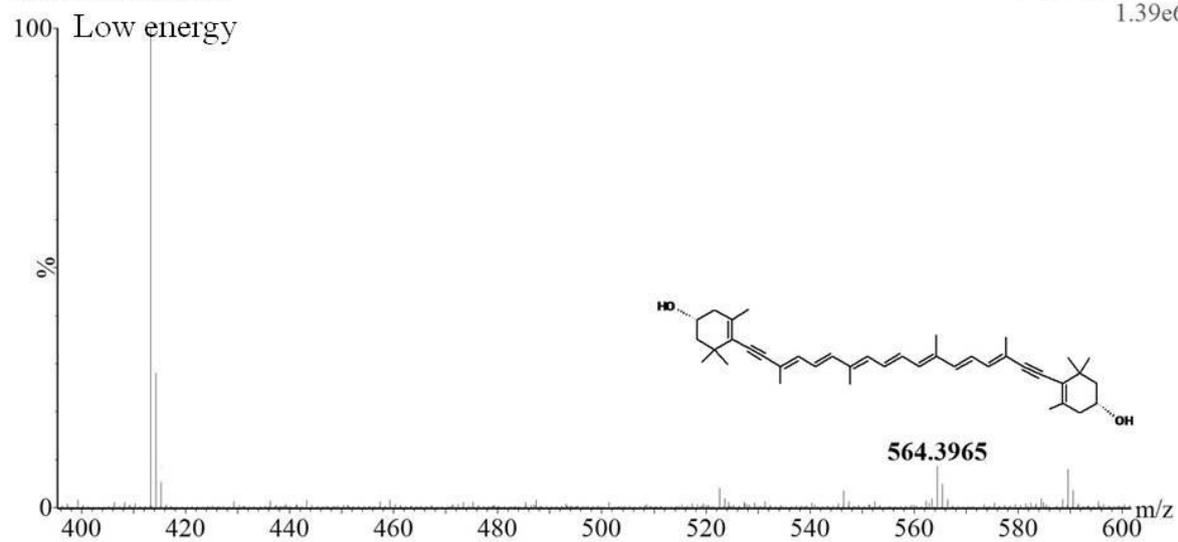
1: TOF MS ES+
1.39e6

Figure S1. Cont.

Astaxanthin

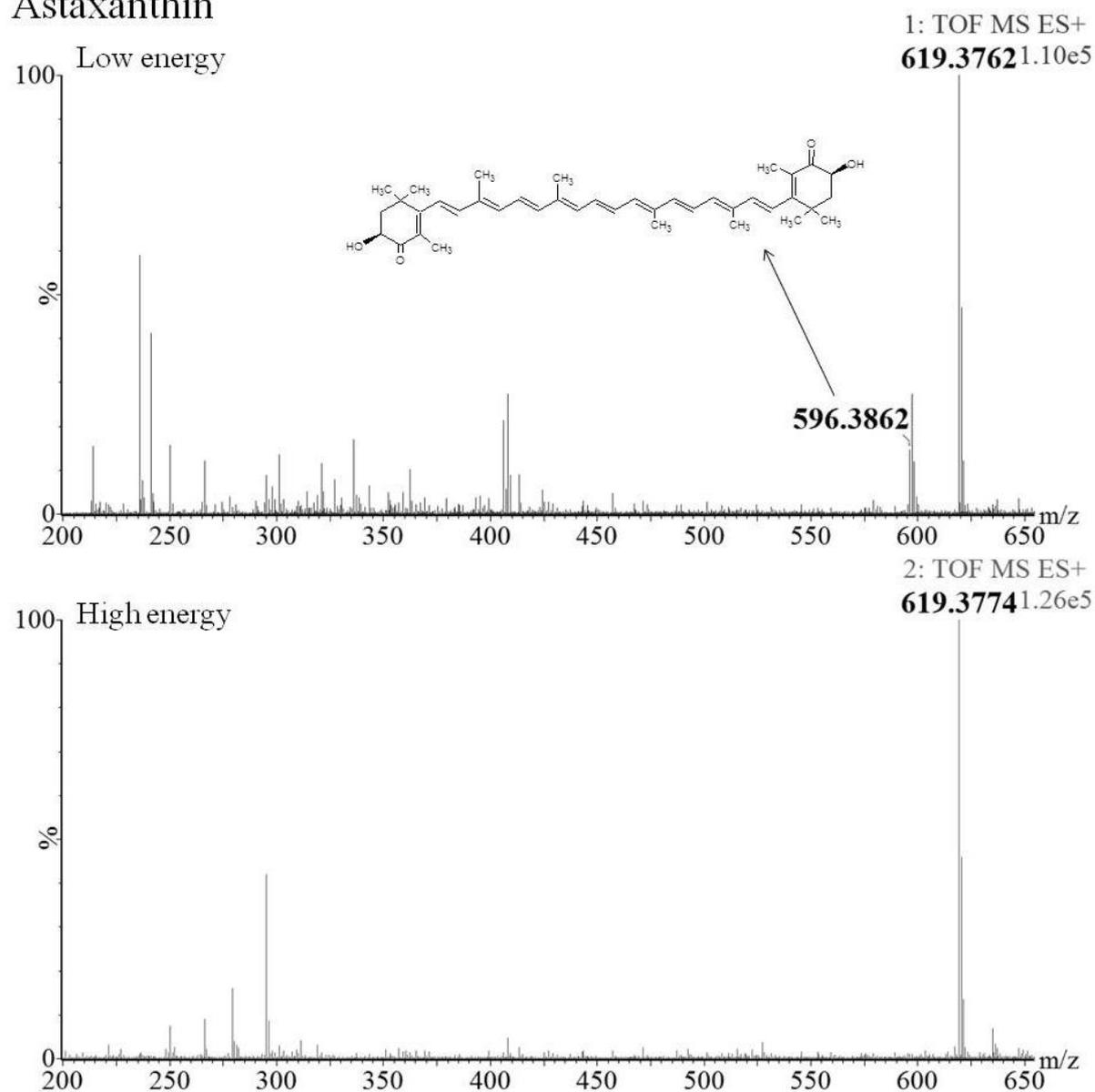


Figure S1. Cont.

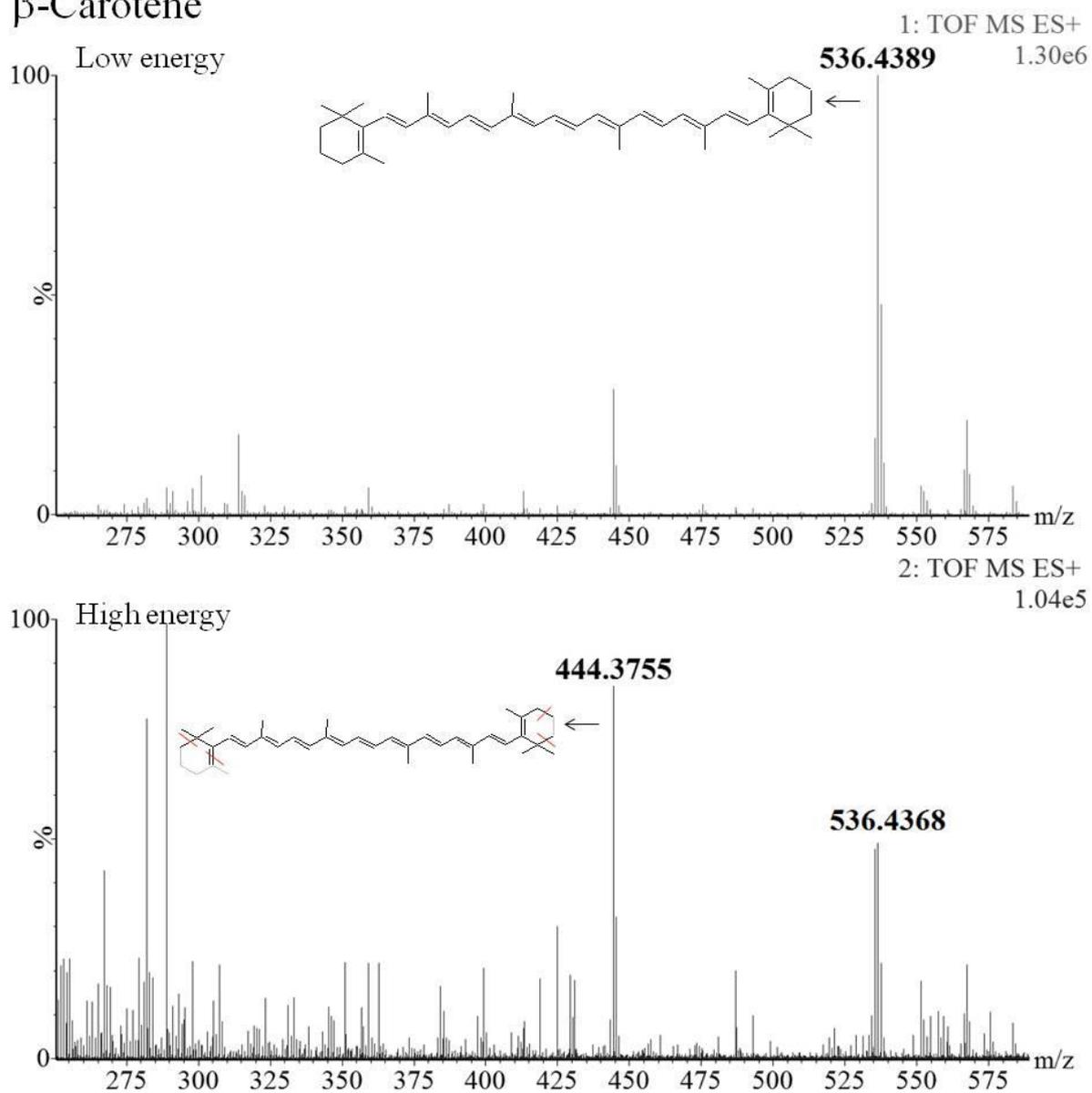
β -Carotene

Figure S1. Cont.

Cryptoxanthin

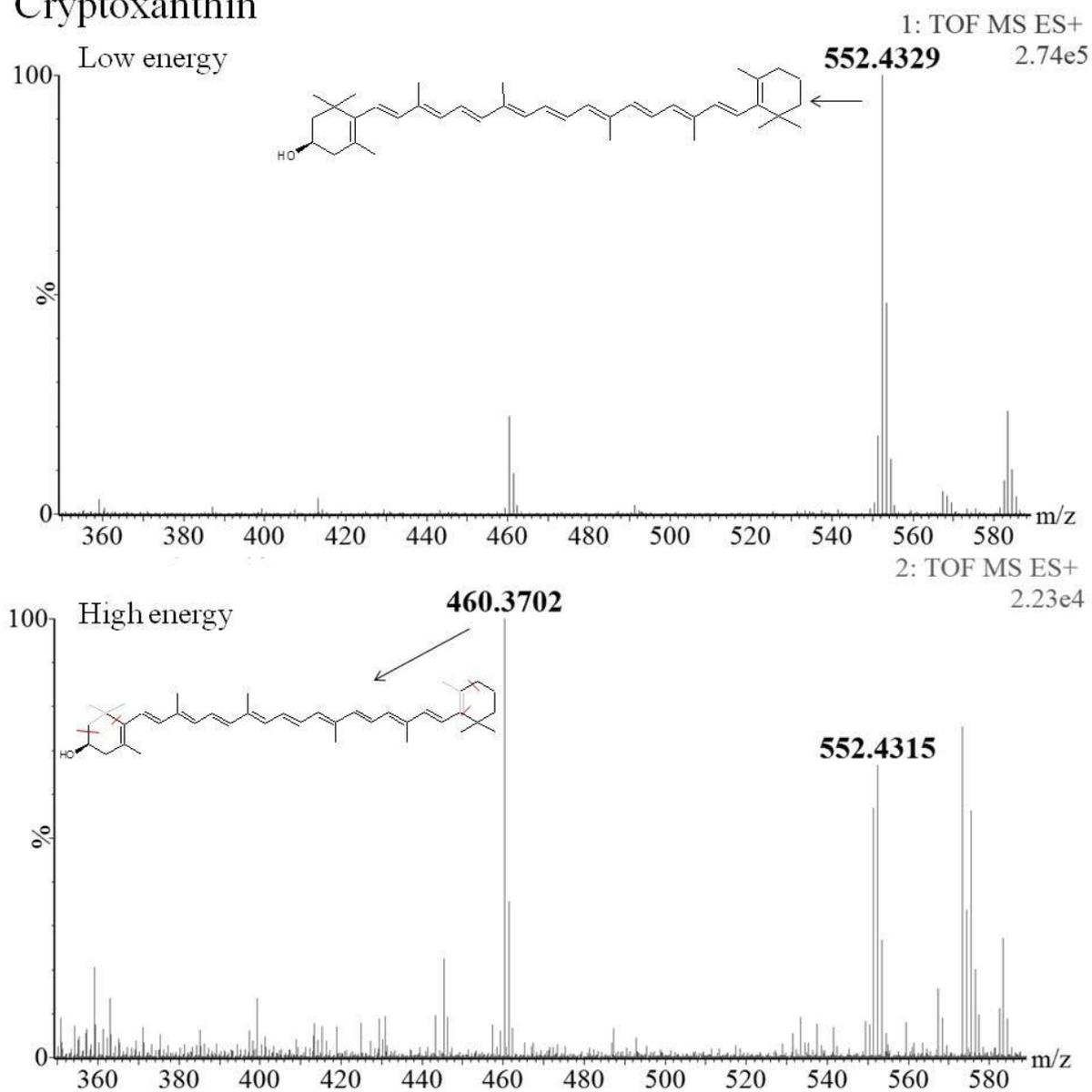


Figure S1. Cont.

Chlorophyll a Rt 5.28

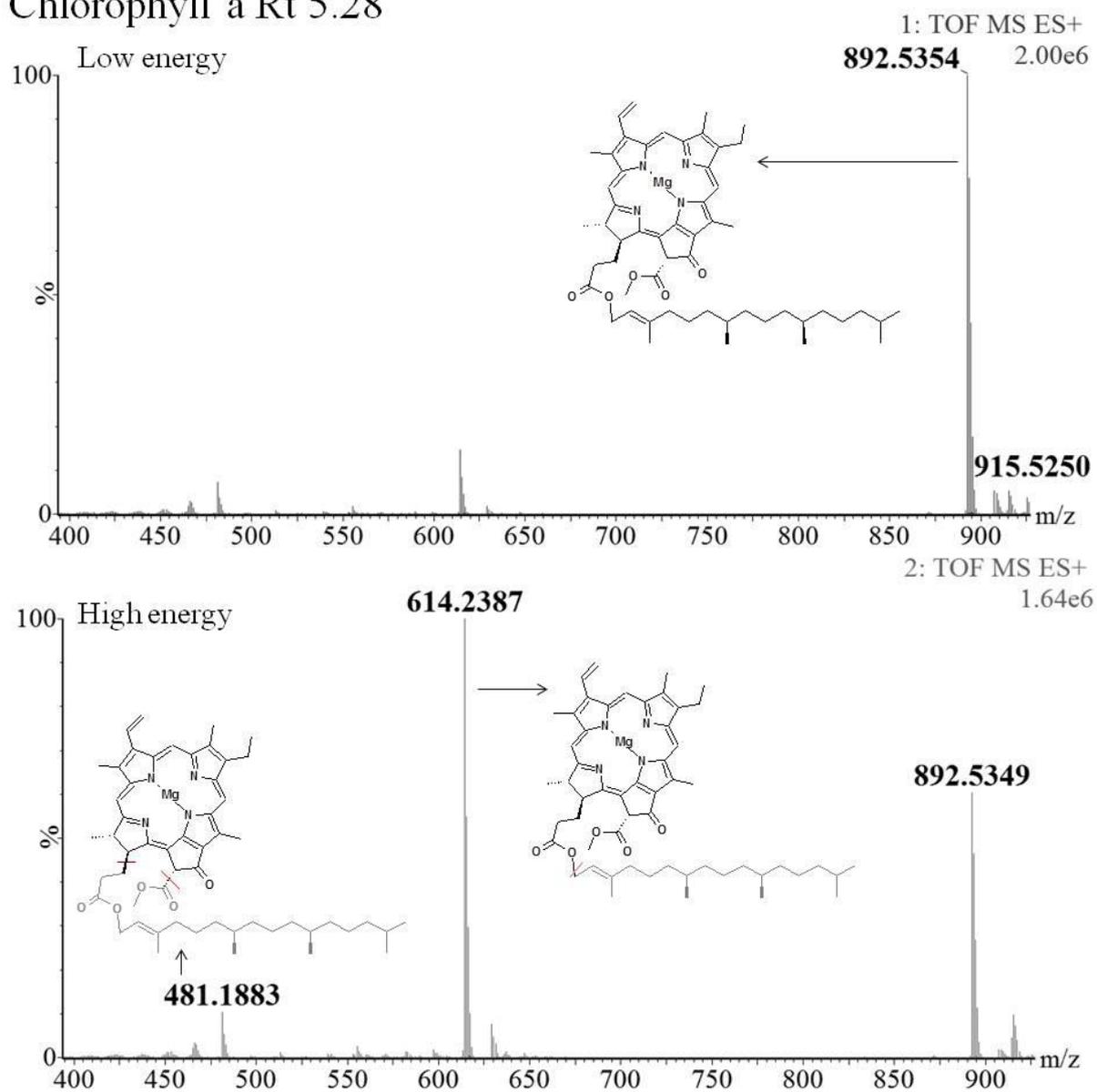


Figure S1. Cont.

Chlorophyll a Rt 5.48

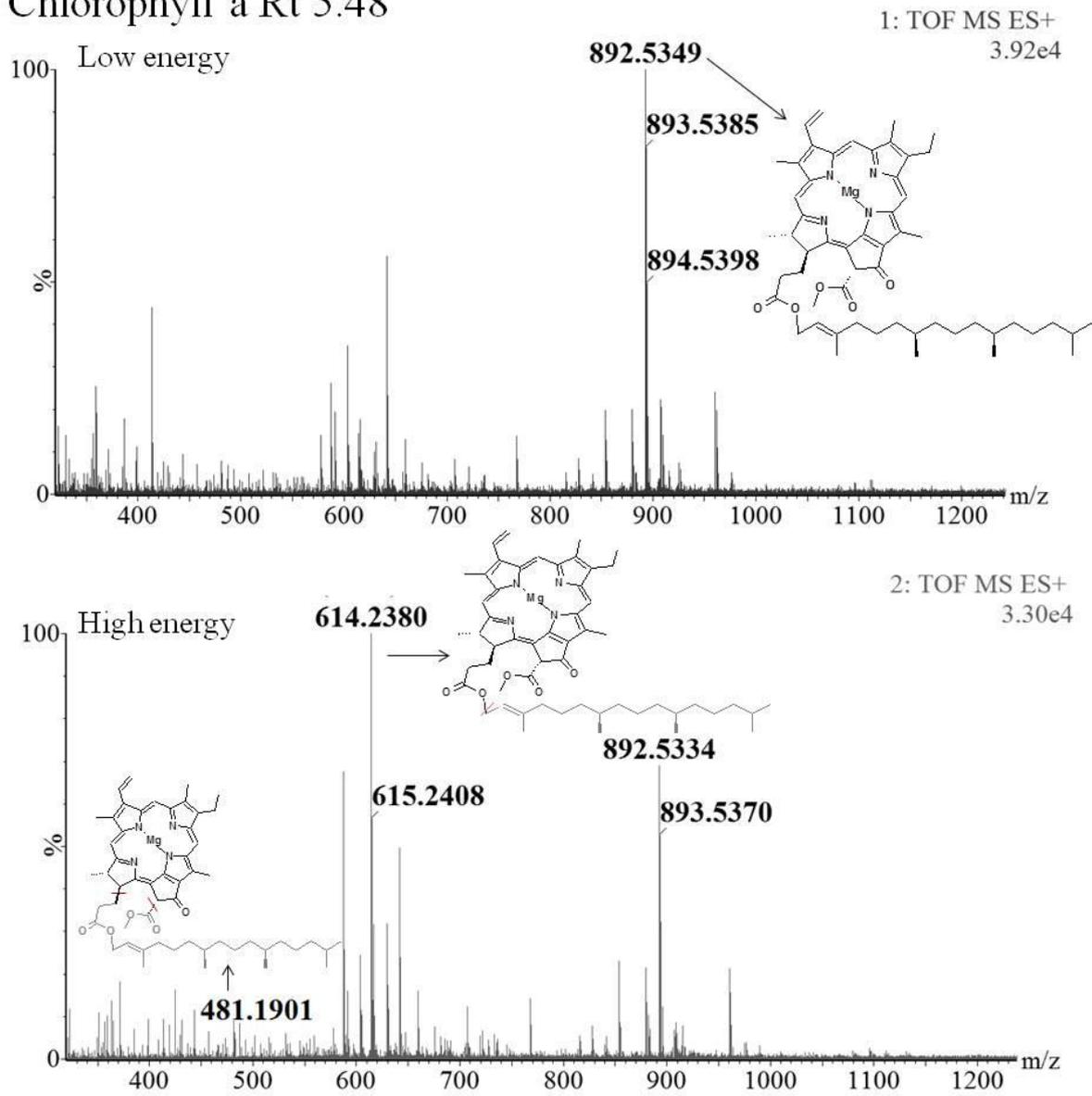


Figure S1. Cont.

Chlorophyll b

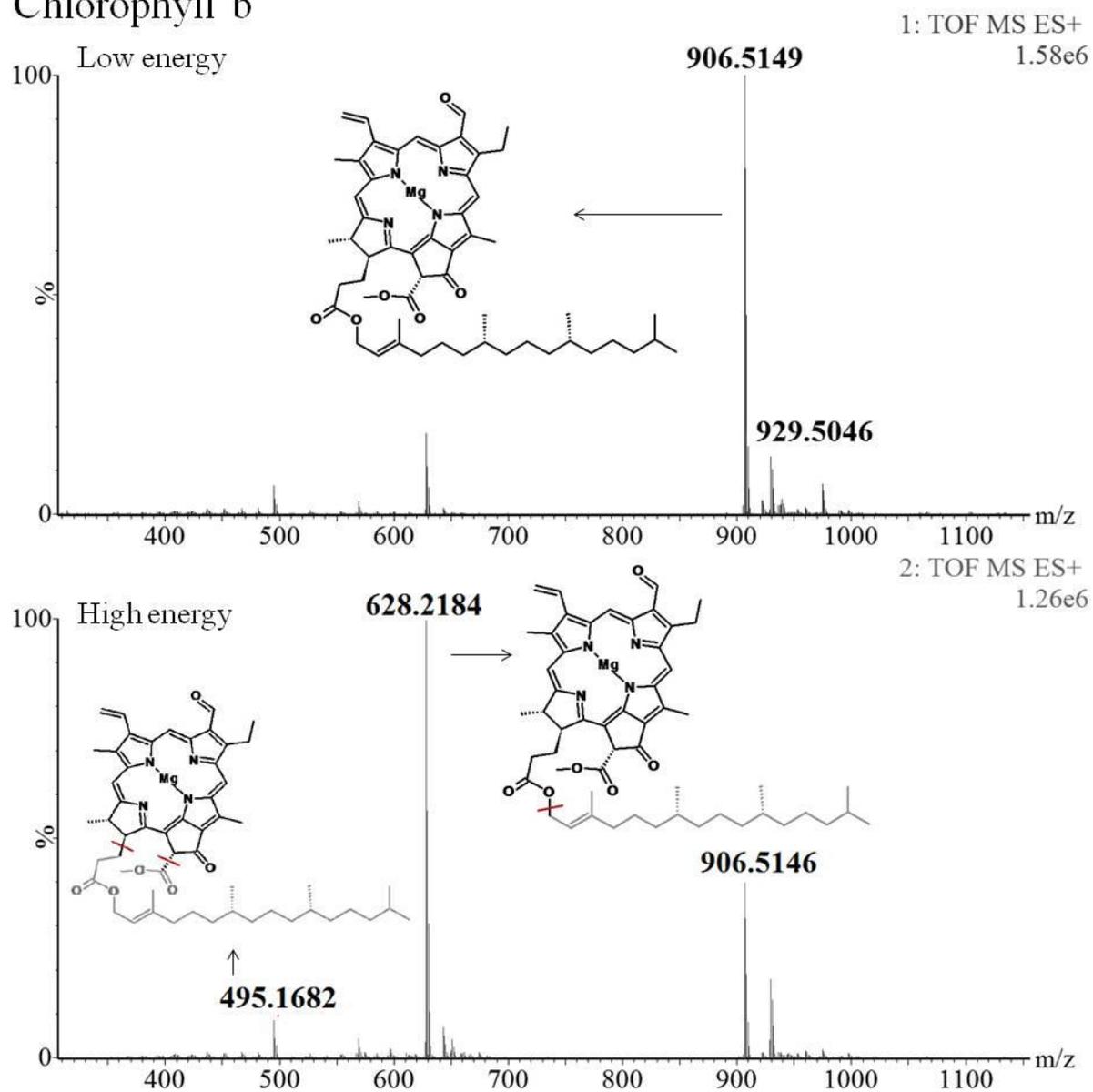


Figure S1. Cont.

Chlorophyll c2

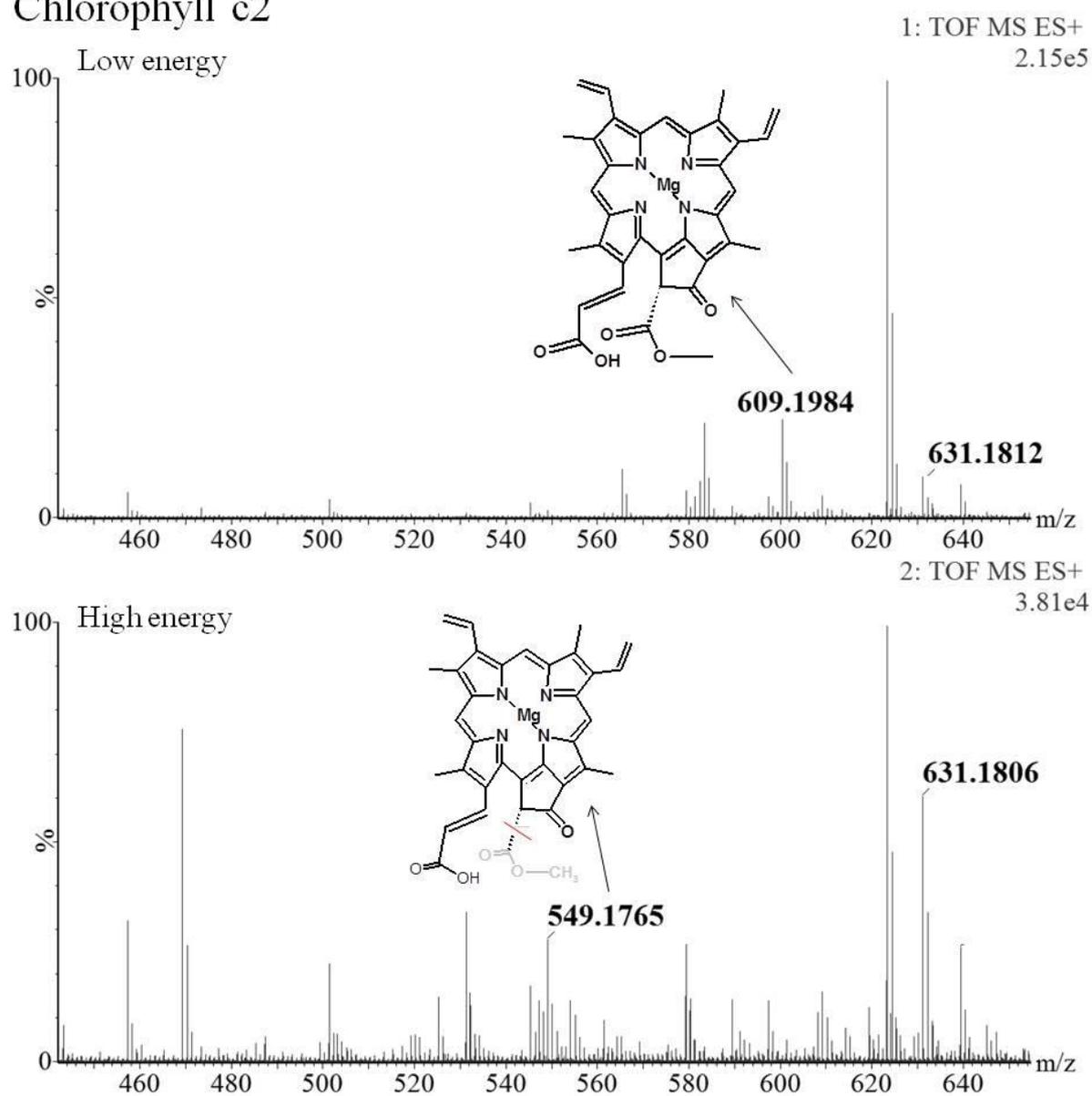


Figure S1. Cont.

Chlorophyllide a

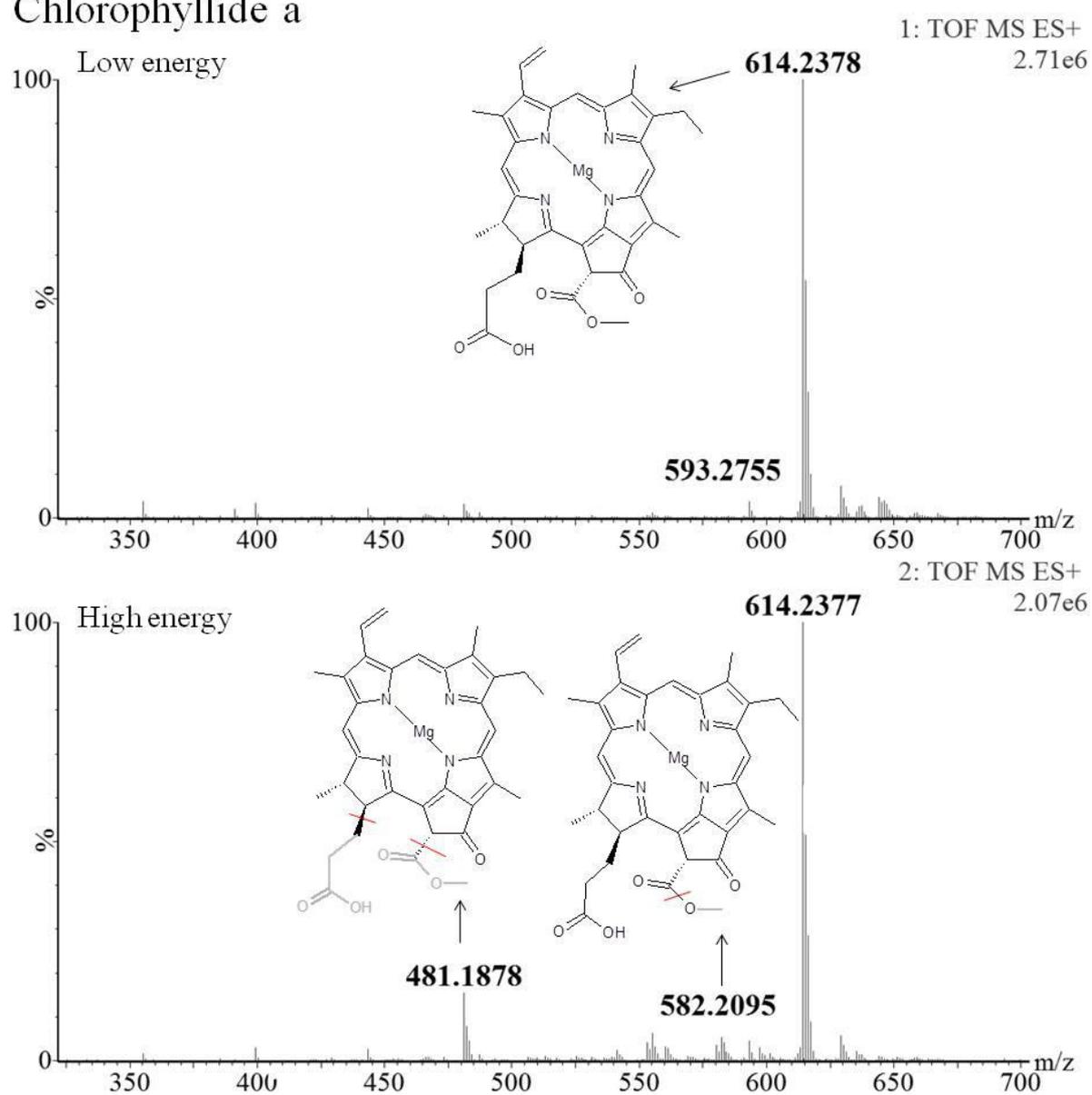


Figure S1. Cont.

Diadinoxanthin

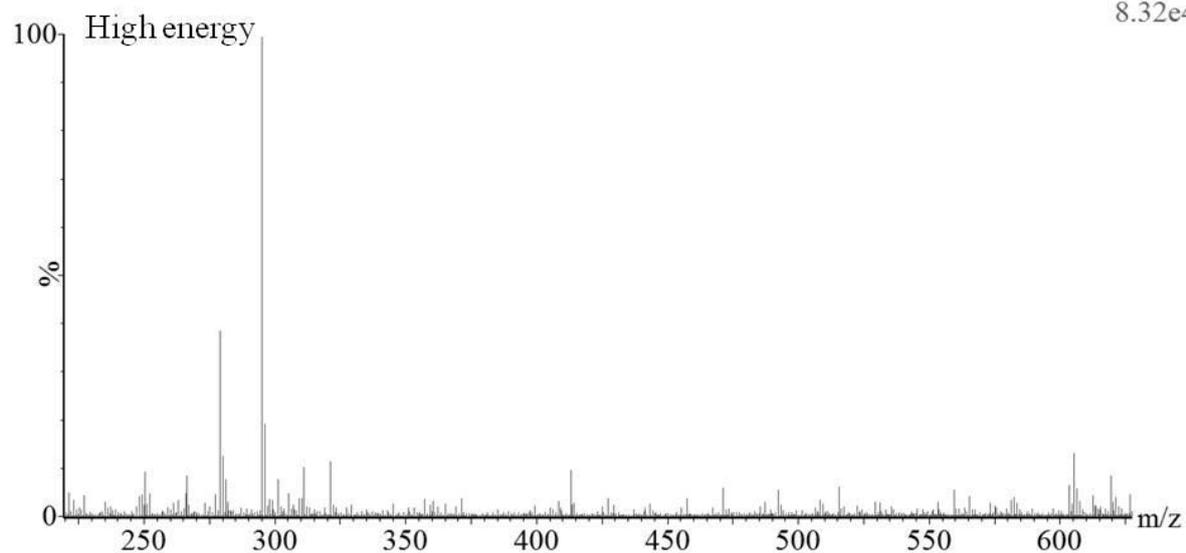
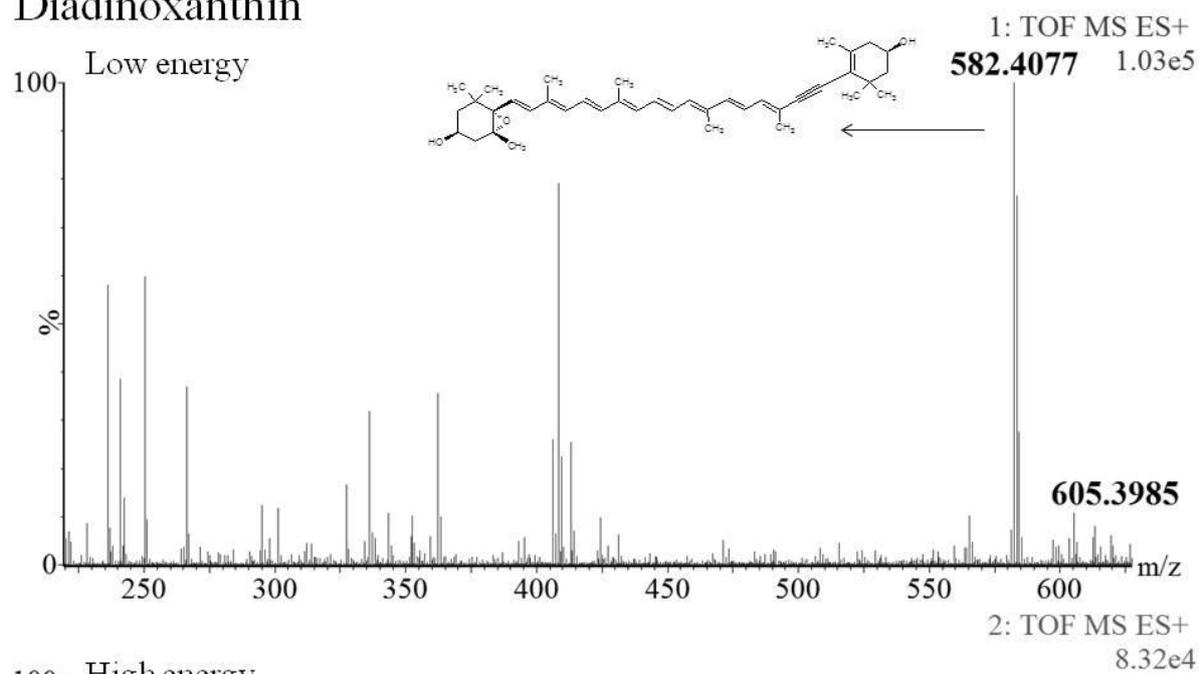
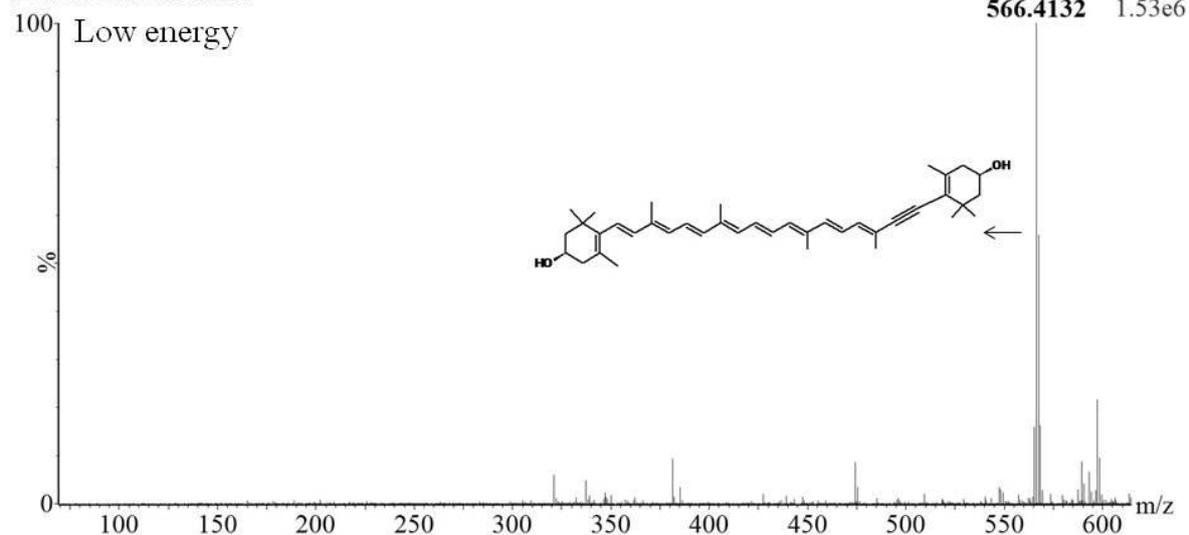


Figure S1. Cont.

Diatoxanthin



High energy

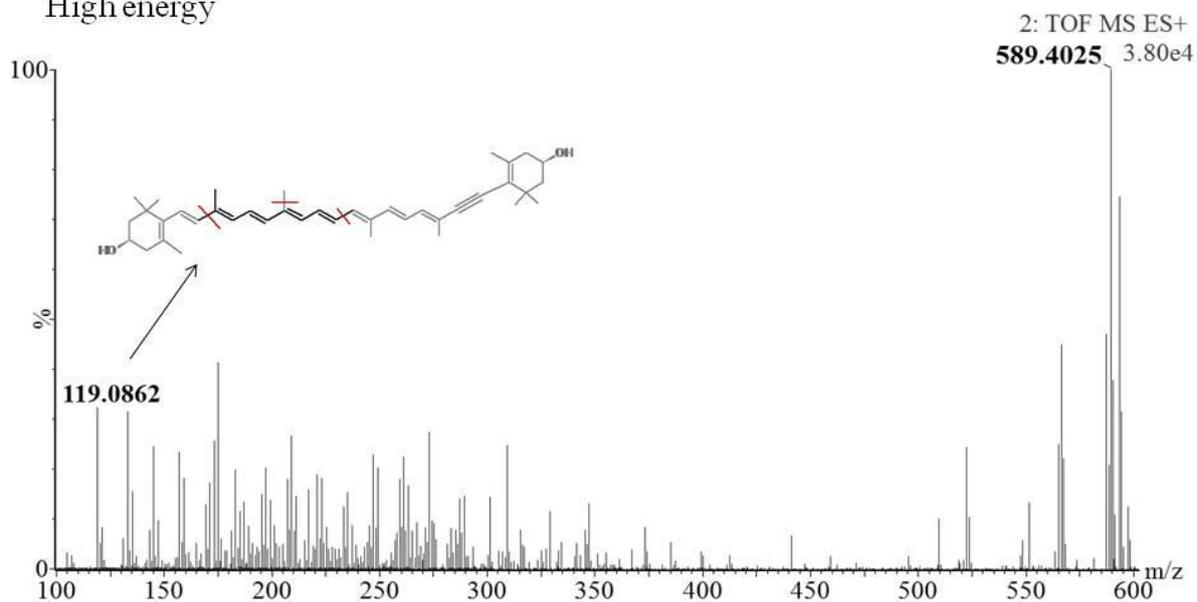


Figure S1. Cont.

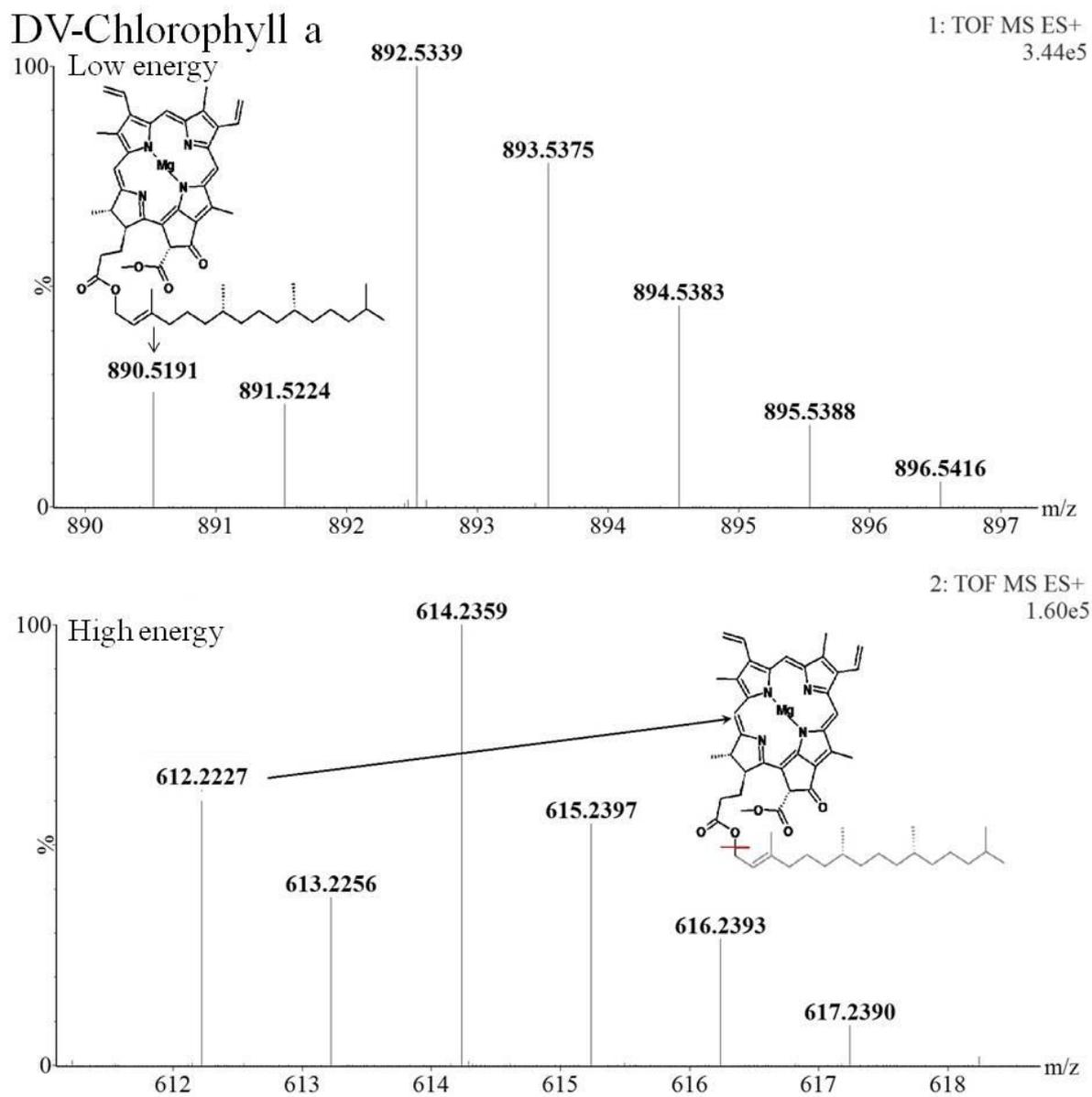


Figure S1. Cont.

DV-Chlorophyll b

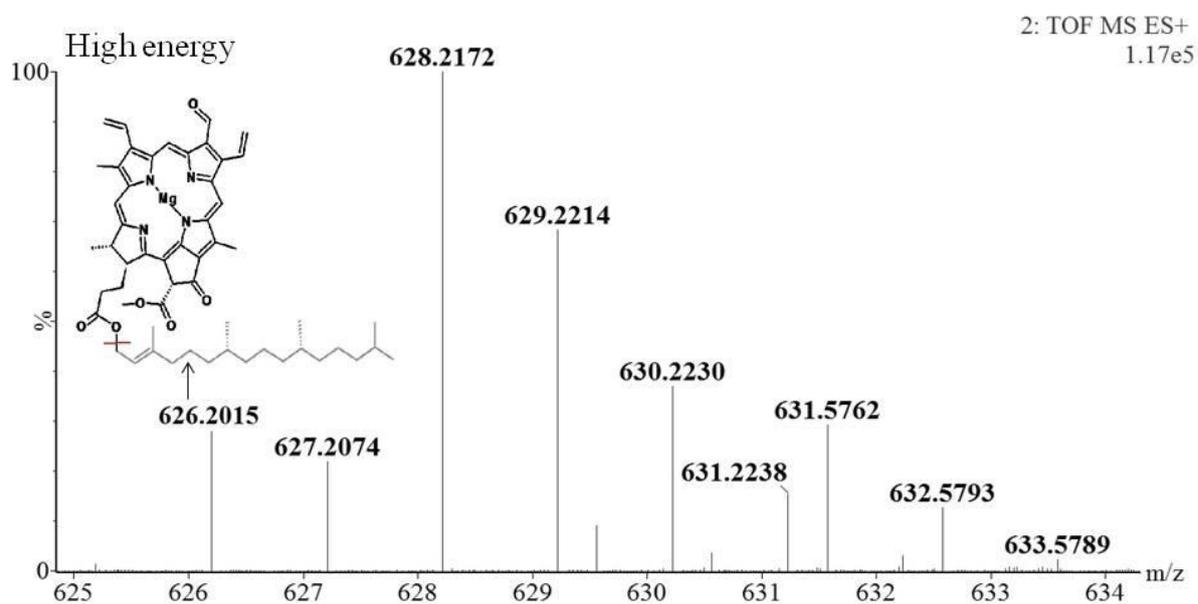
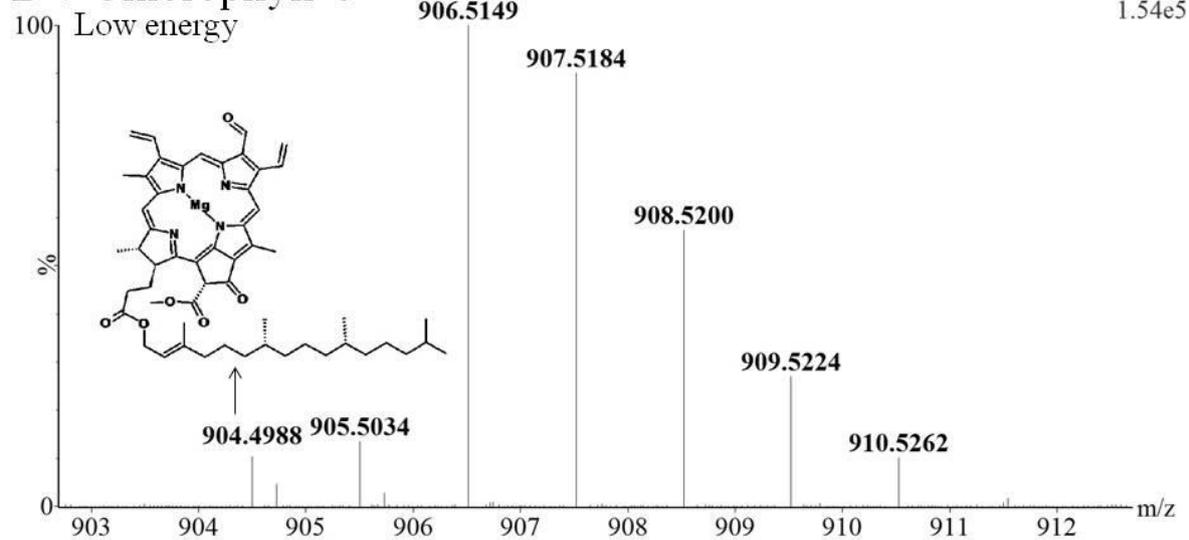


Figure S1. Cont.

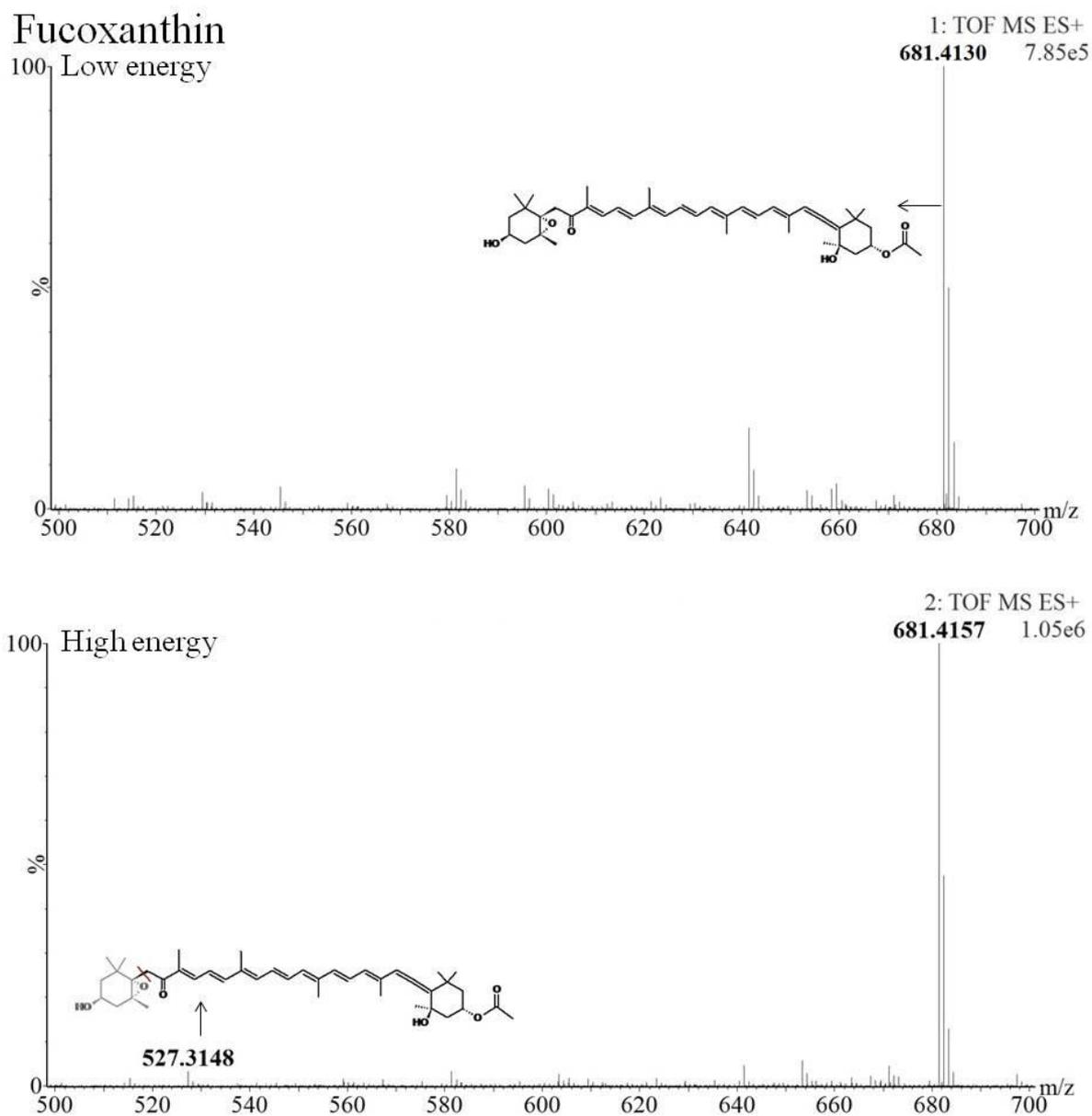


Figure S1. Cont.

Peridinin

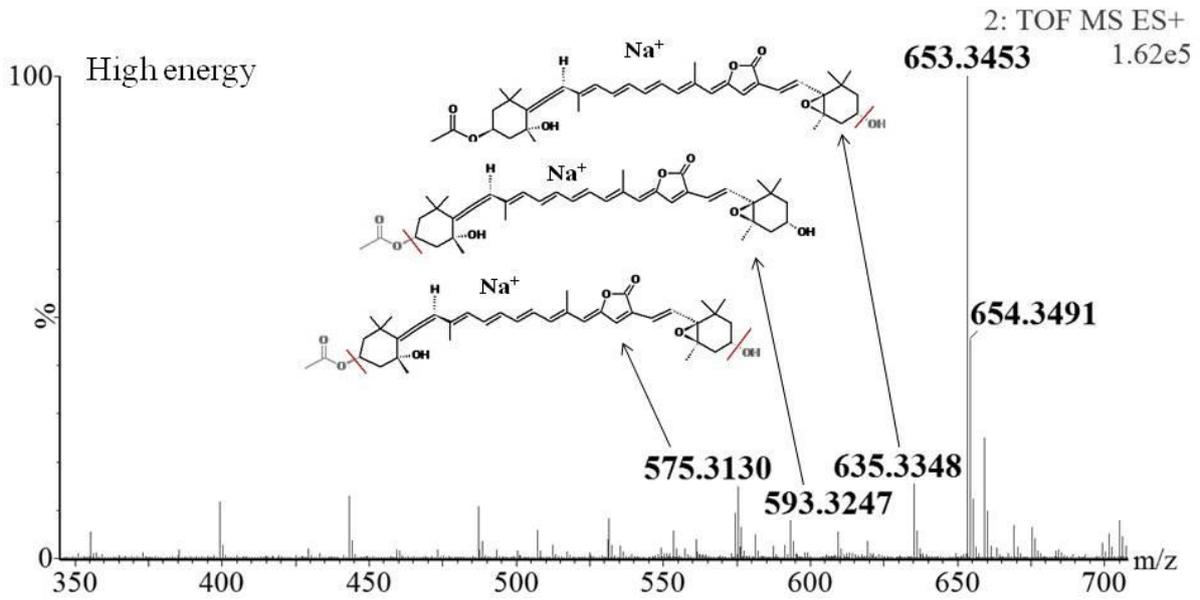
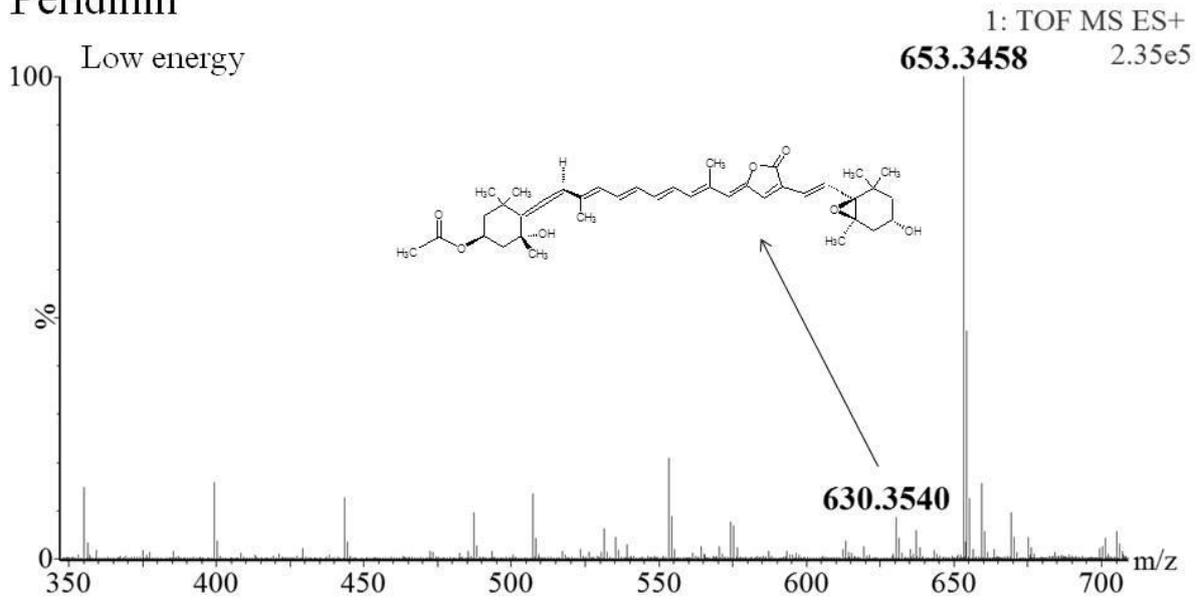


Figure S1. Cont.

Pheophorbide a

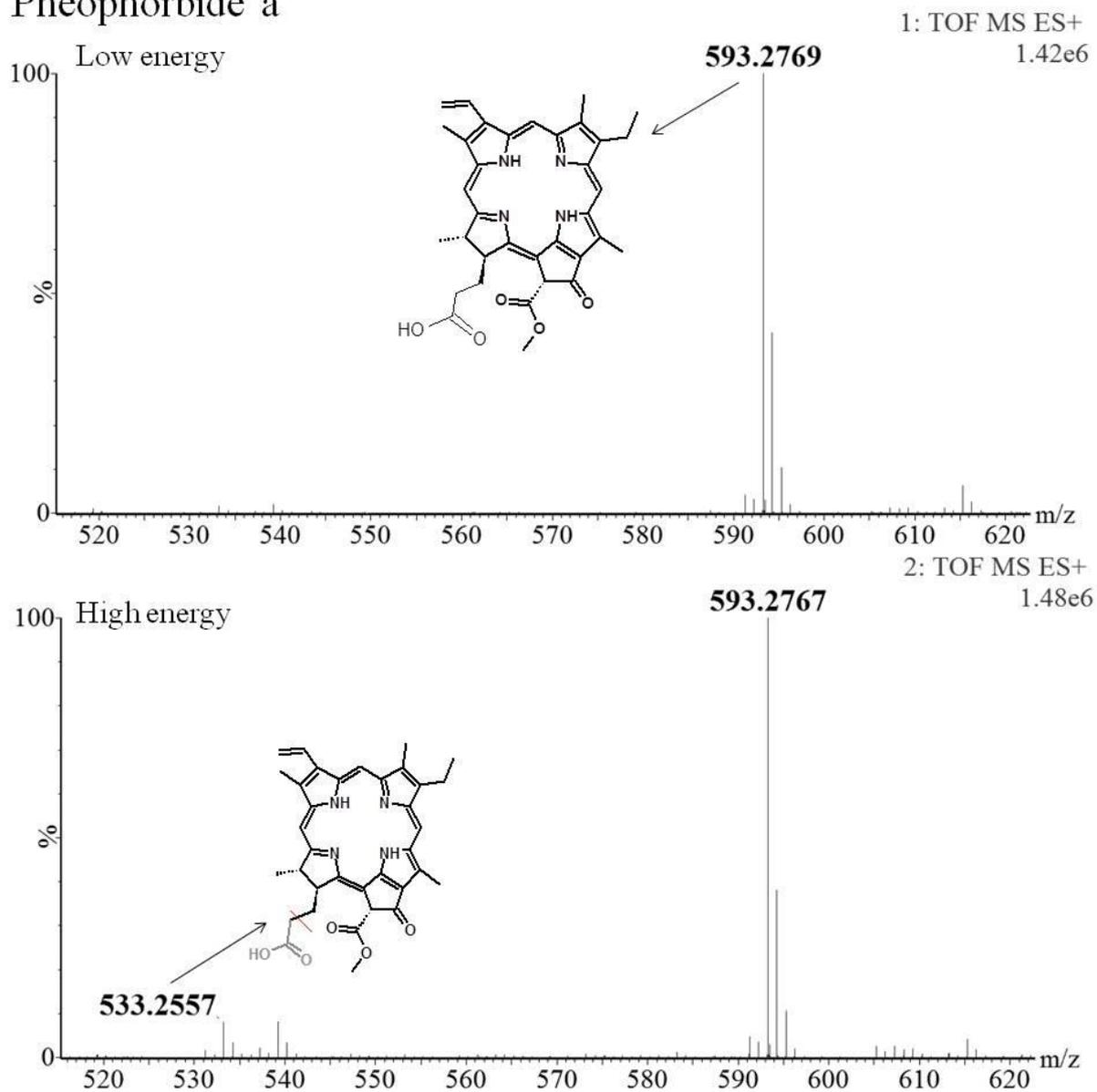
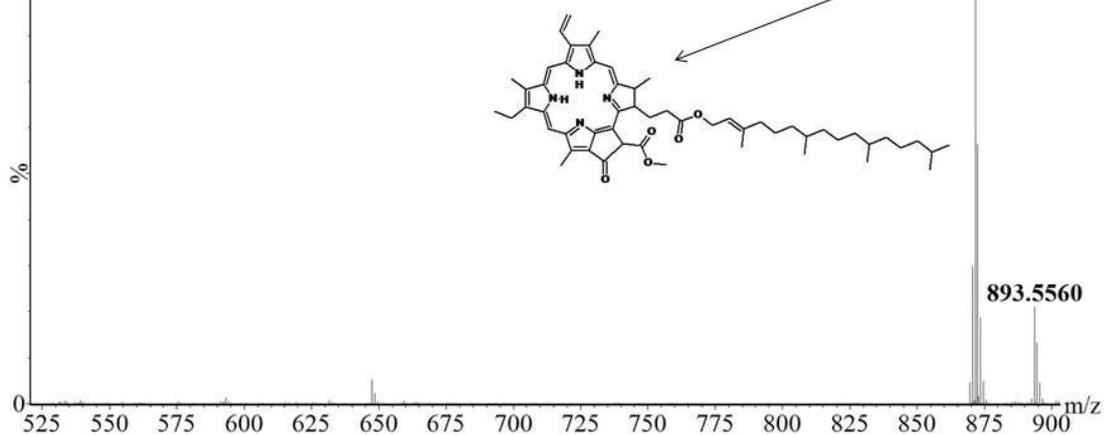


Figure S1. Cont.

Pheophytin a Rt 7.43

100% Low energy



100% High energy

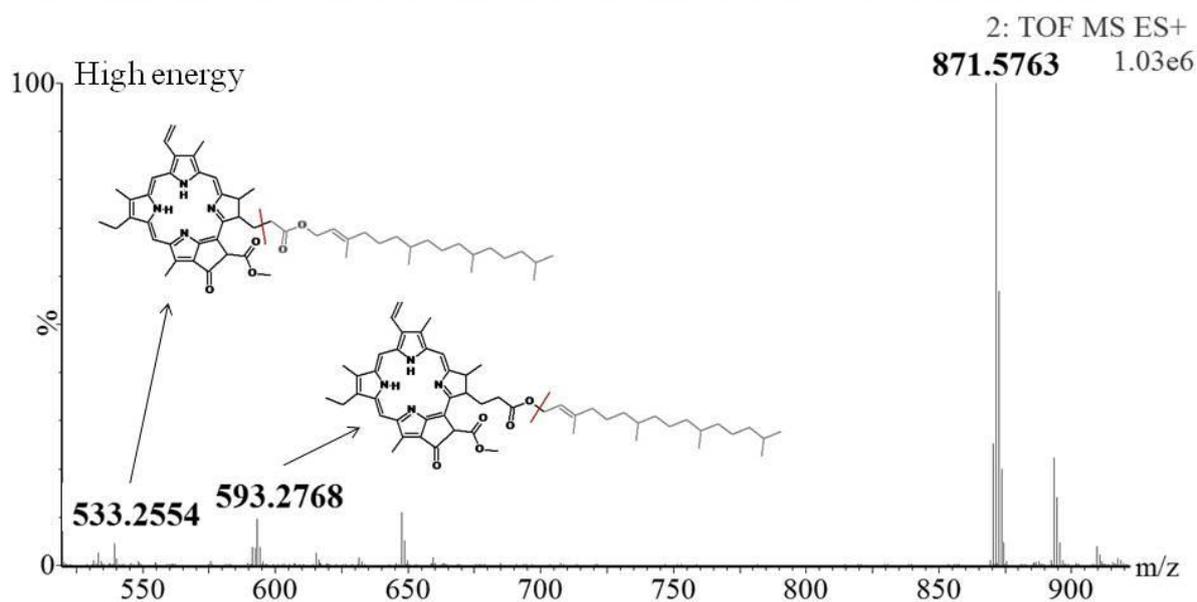


Figure S1. Cont.

Pheophytin a Rt 7.88

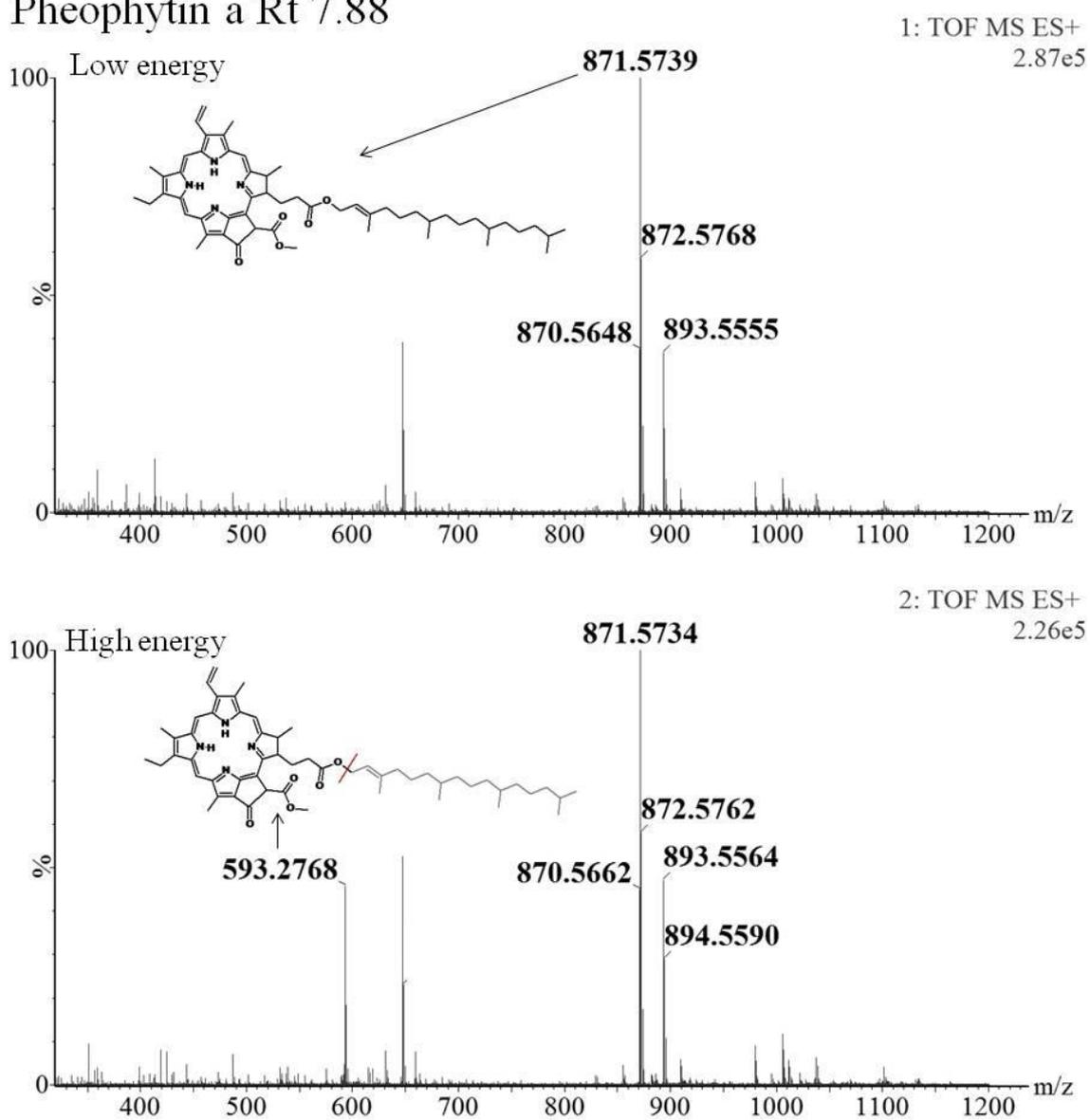


Figure S1. Cont.

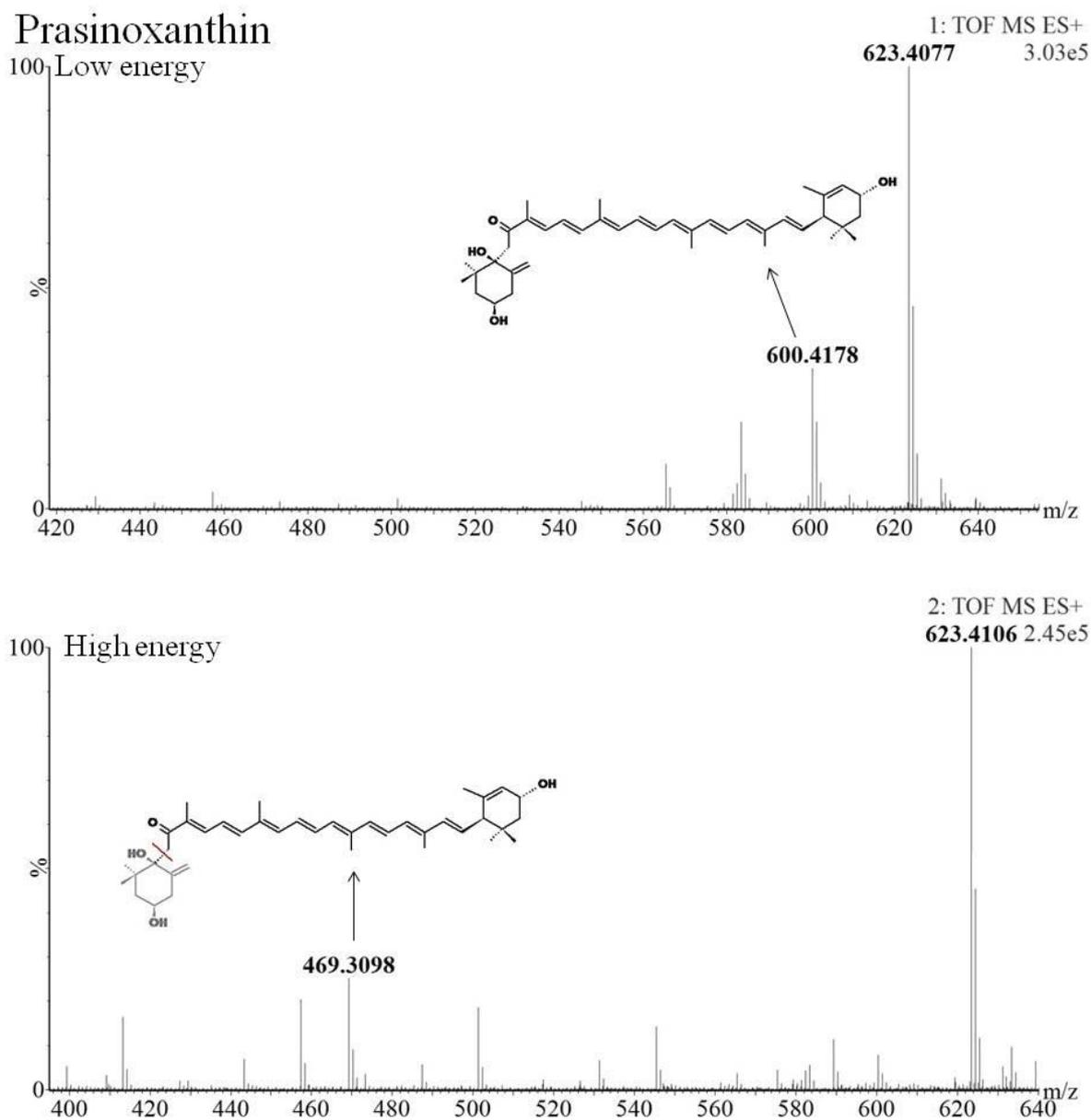


Figure S1. Cont.

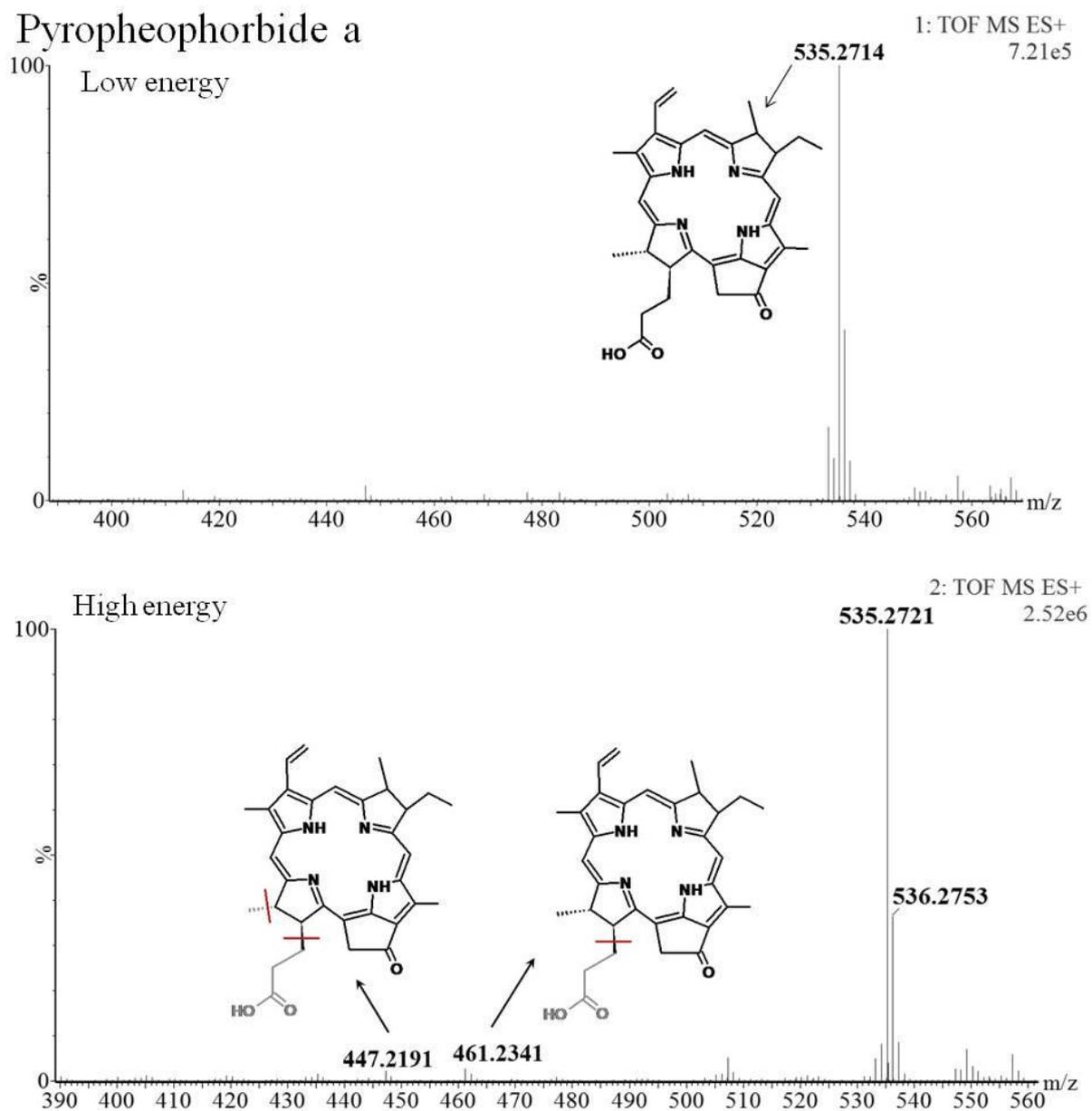


Figure S1. Cont.

Violaxanthin Rt 3.64

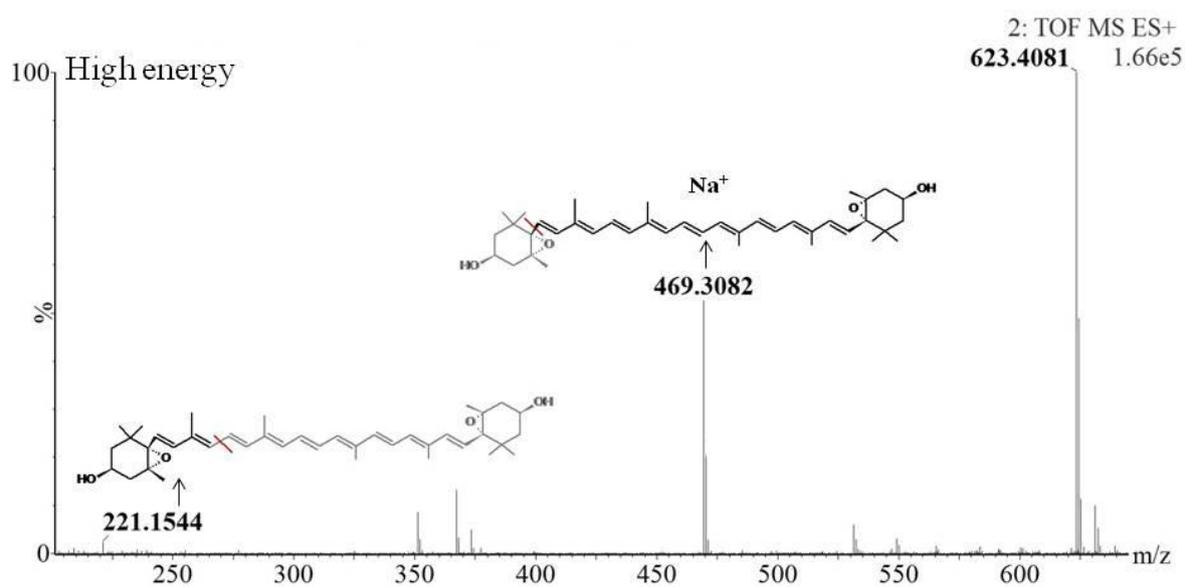
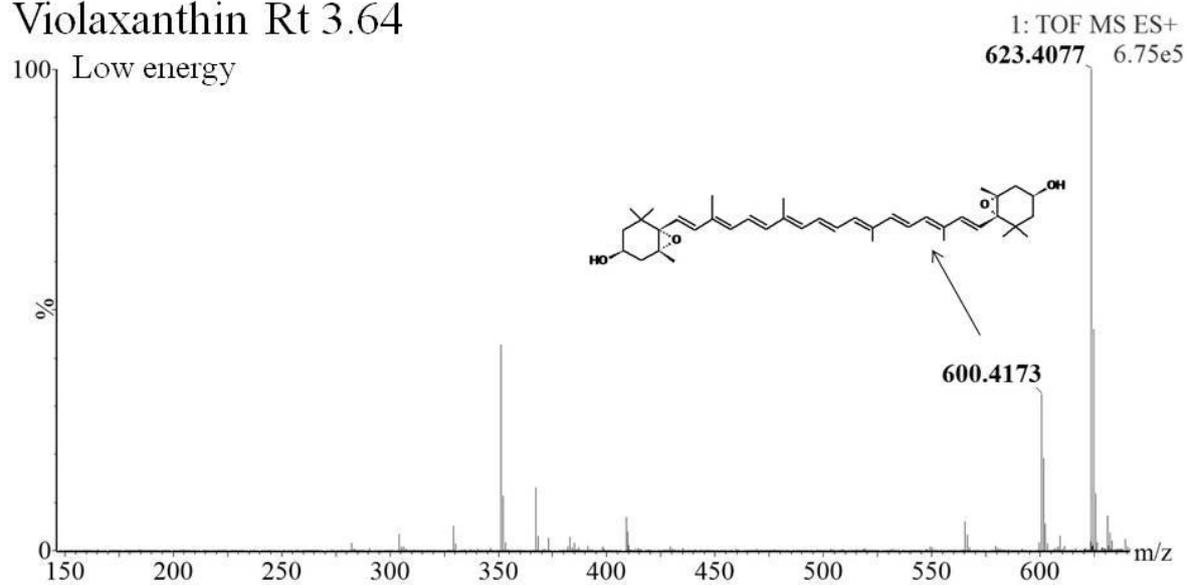


Figure S1. Cont.

Zeaxanthin Rt 4.04

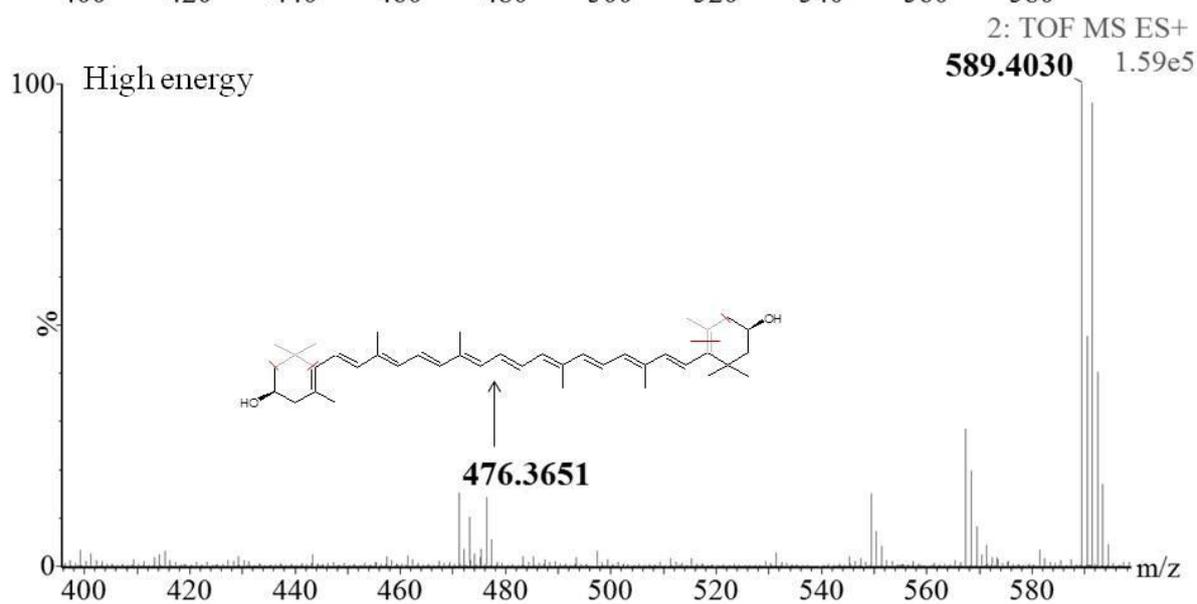
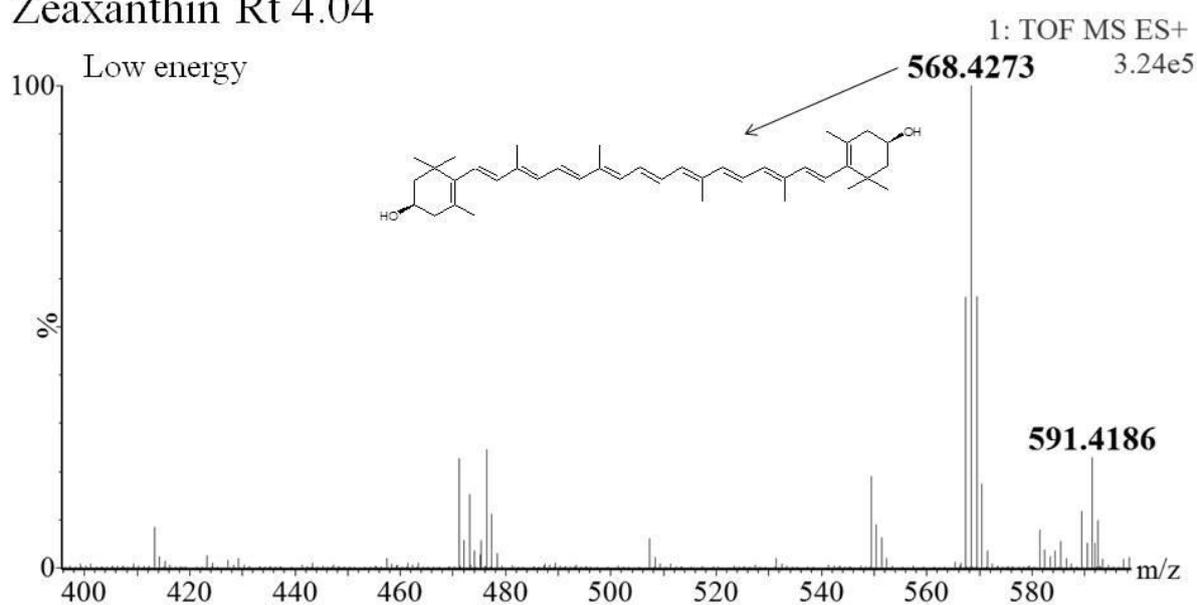


Figure S1. Cont.

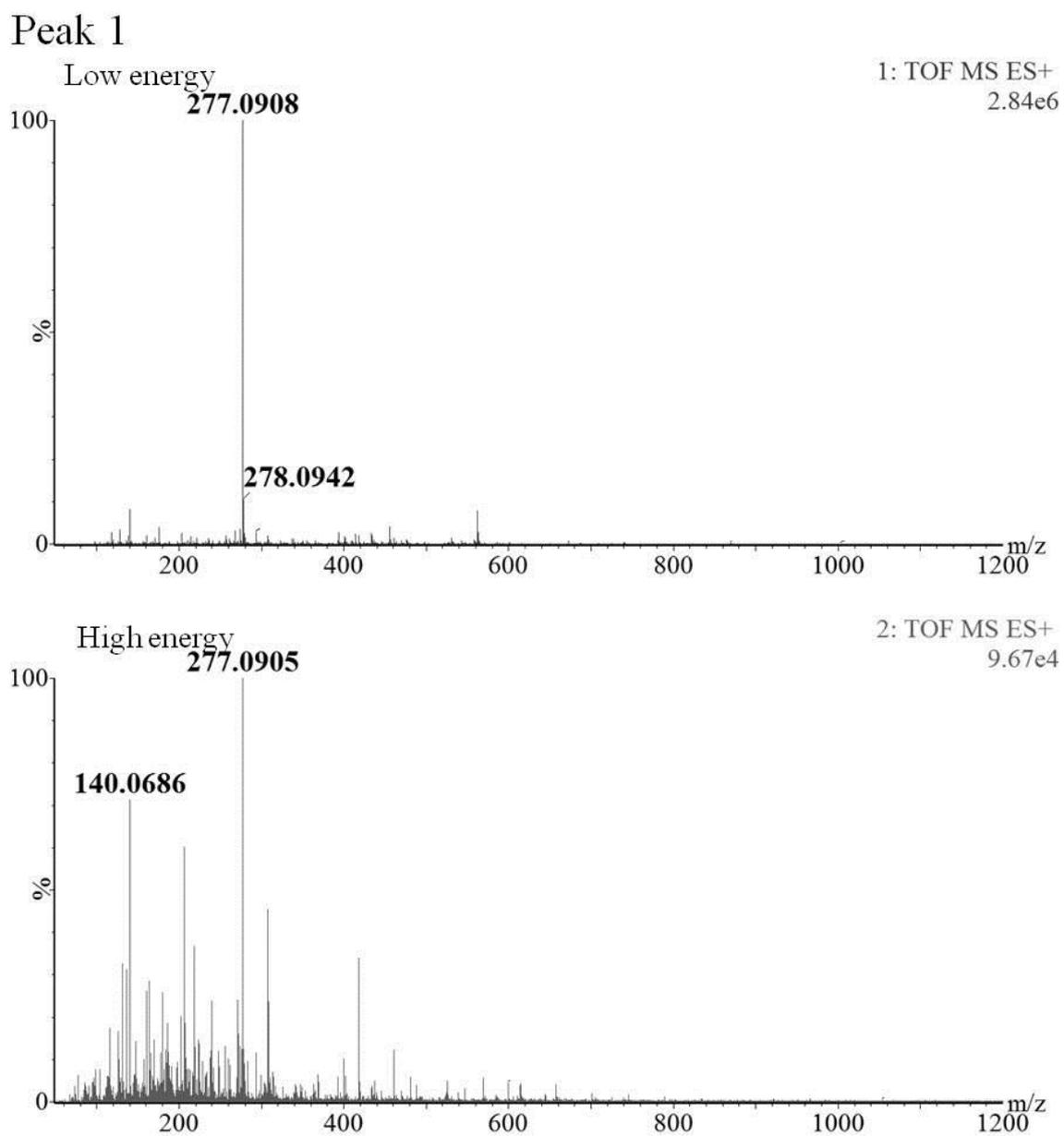


Figure S2. Cont.

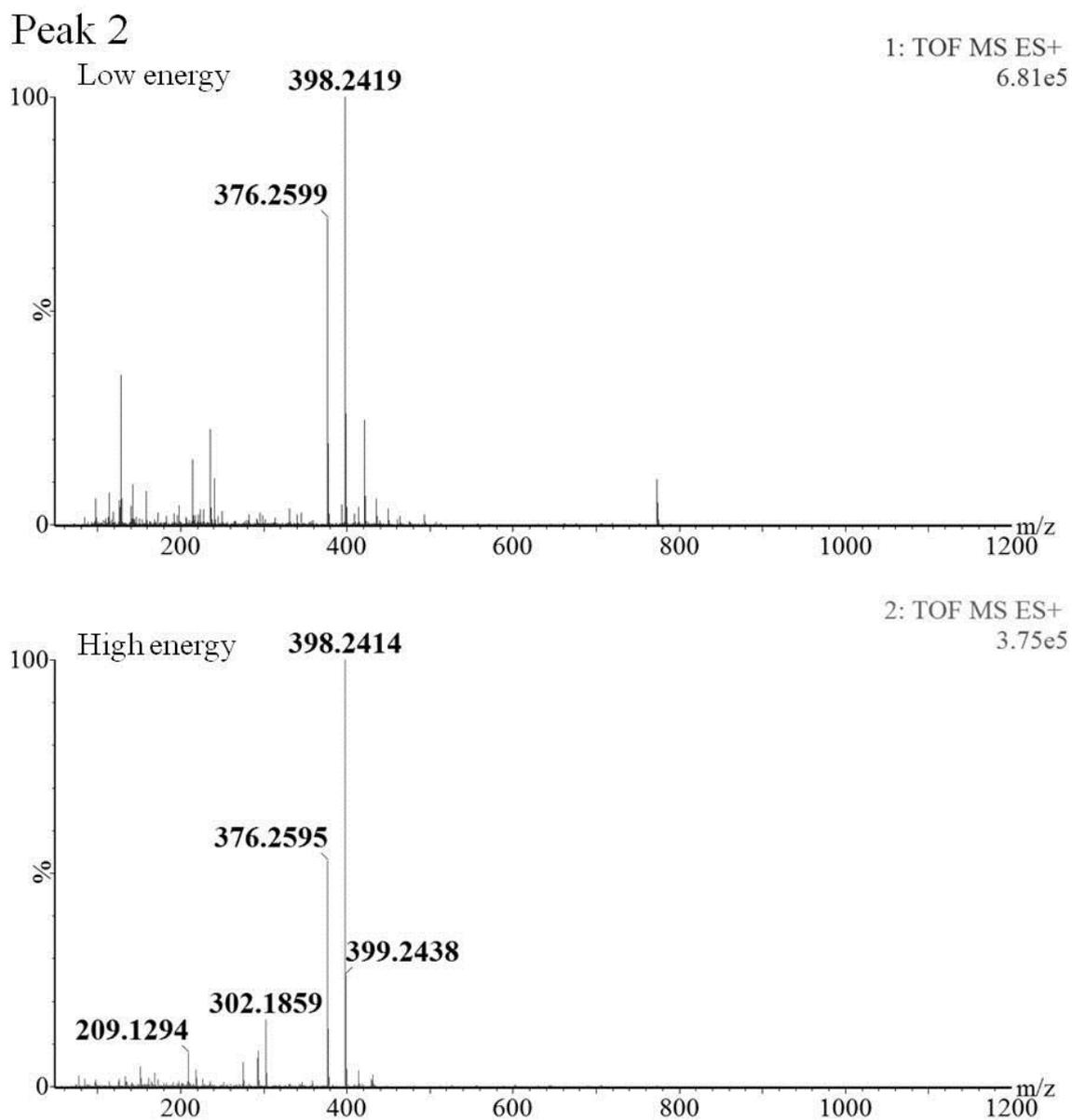


Figure S2. Cont.

Peak 3

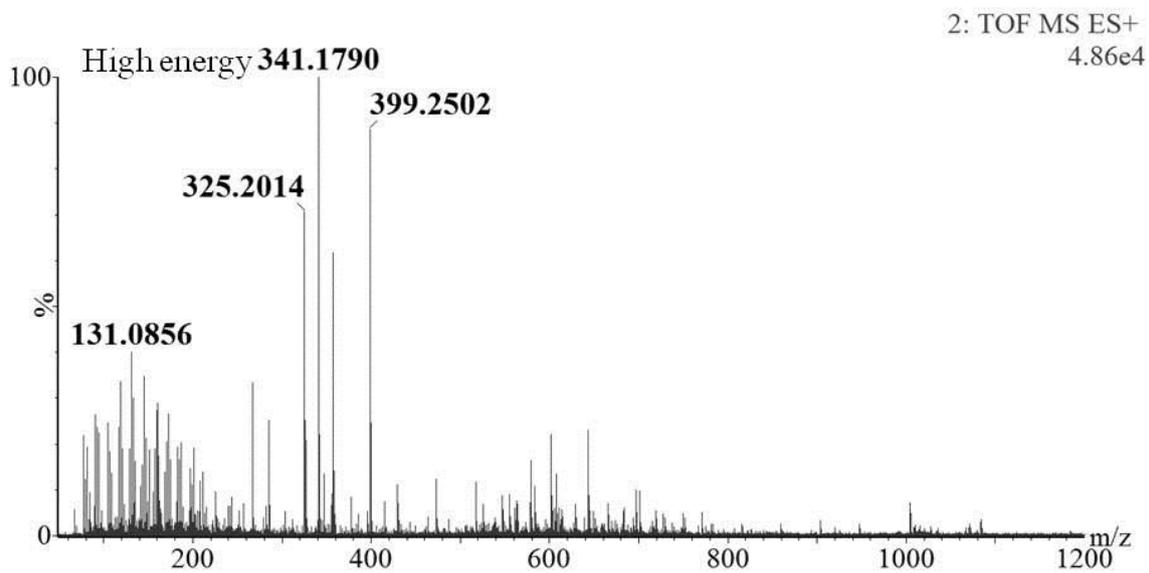
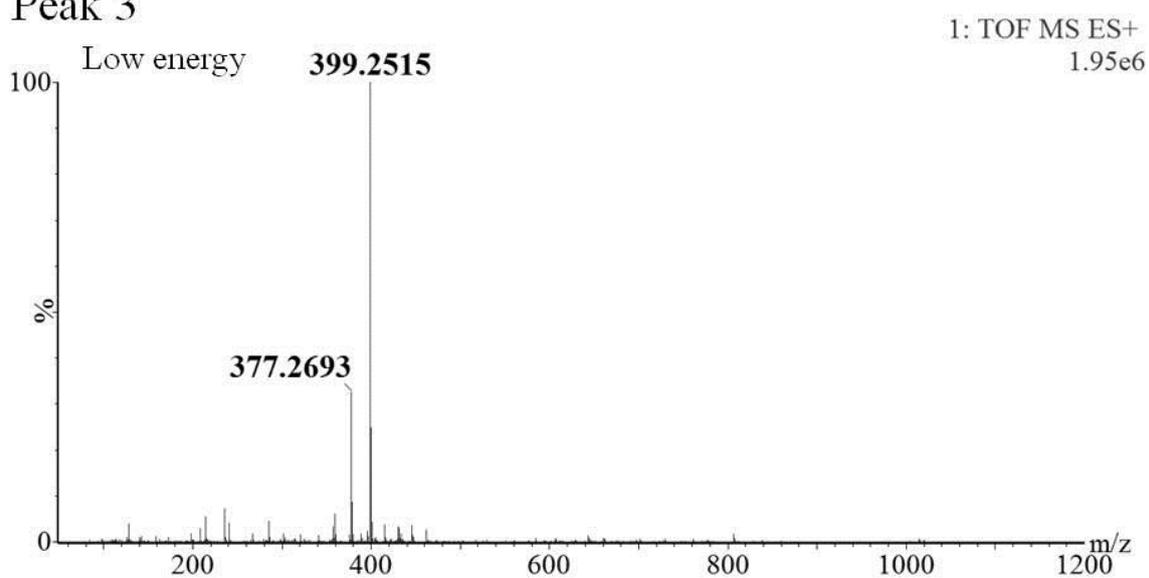


Figure S2. Cont.

Peak 4

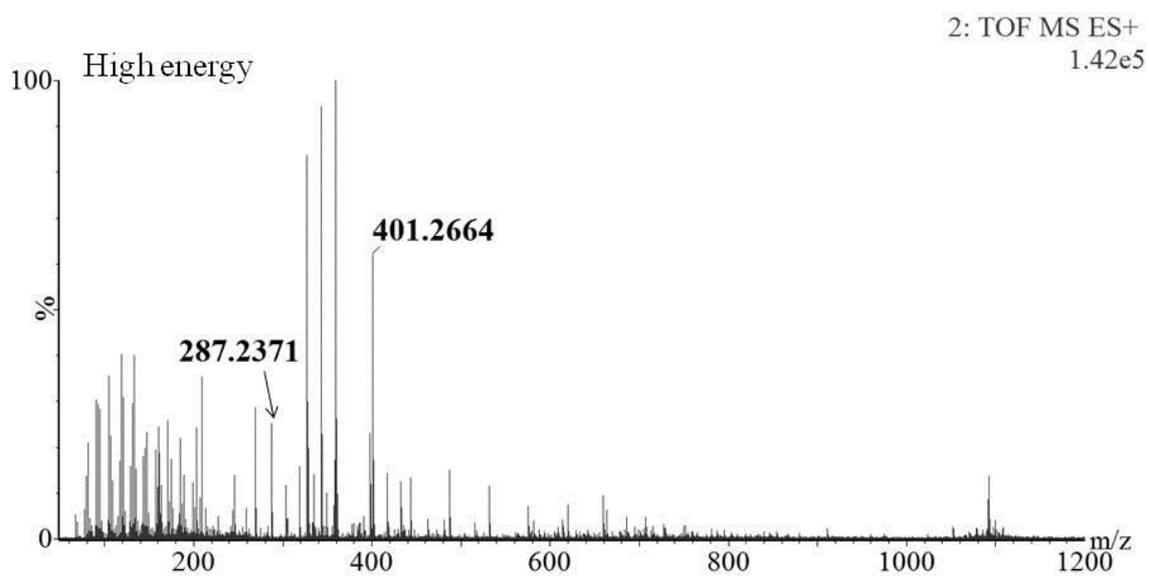
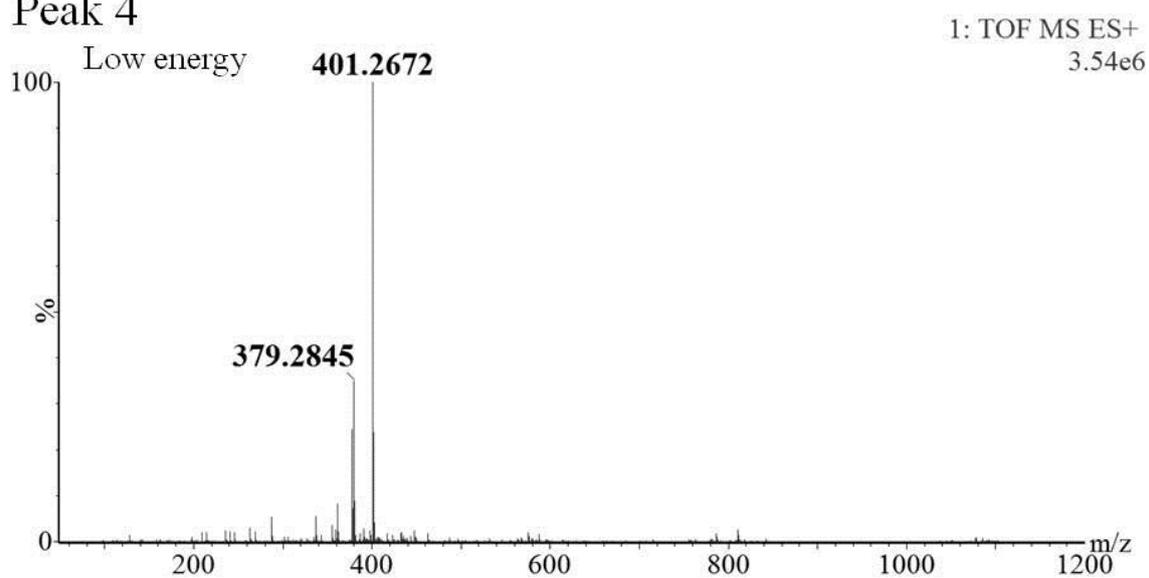


Figure S2. Cont.

Peak 5

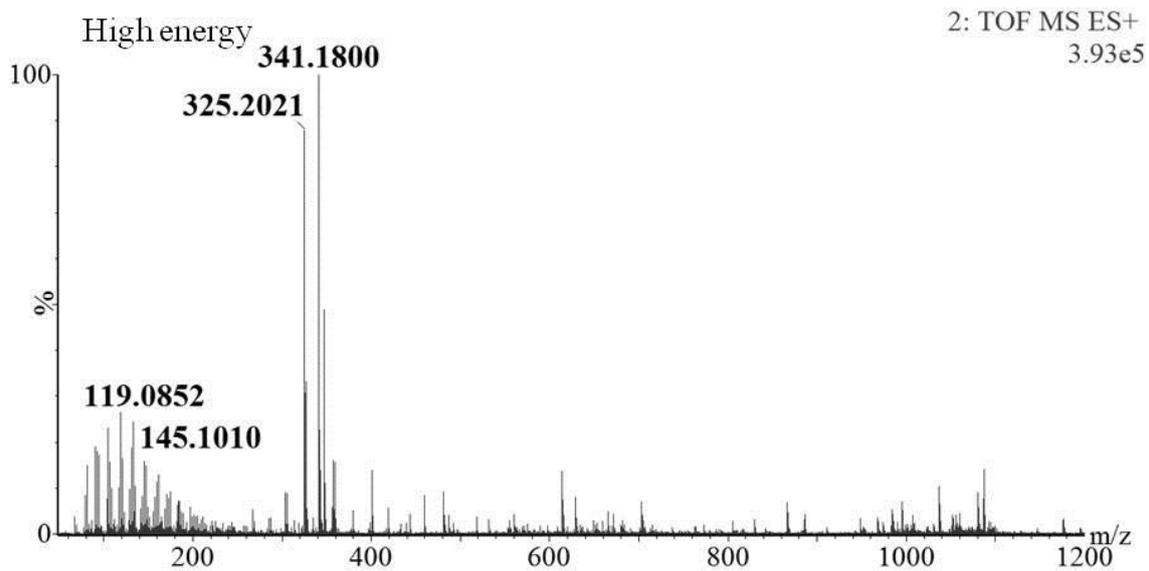
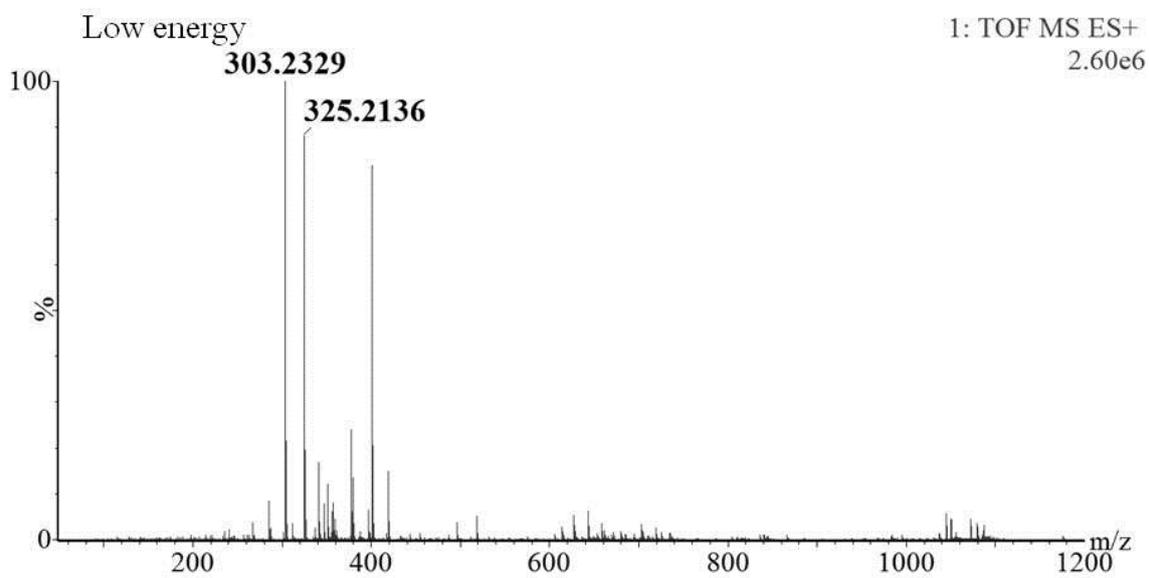


Figure S2. Cont.

Peak 6

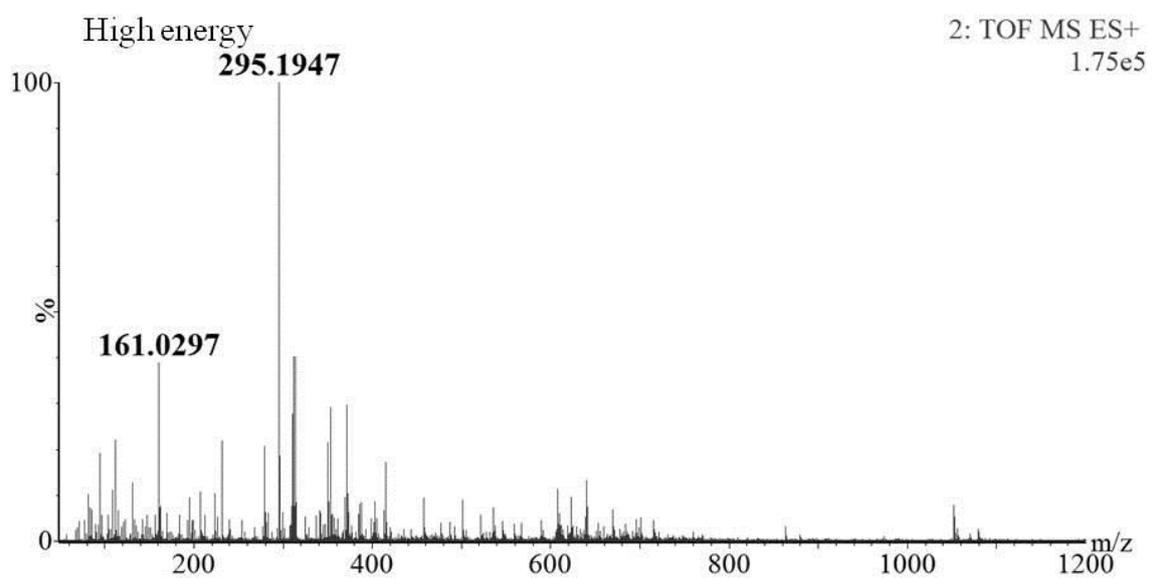
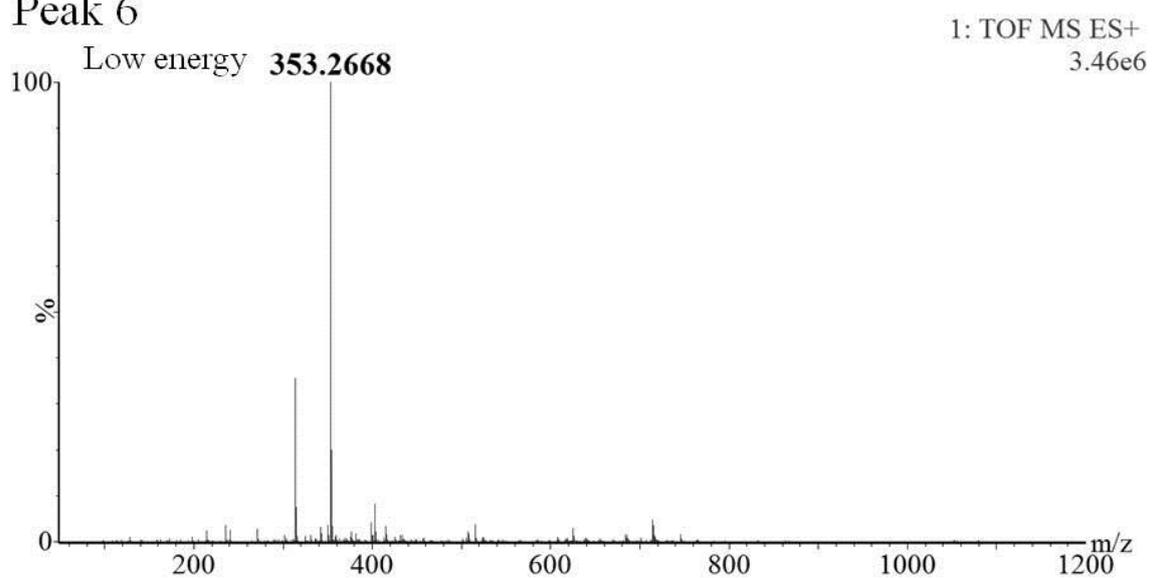


Figure S2. Cont.

Peak 7

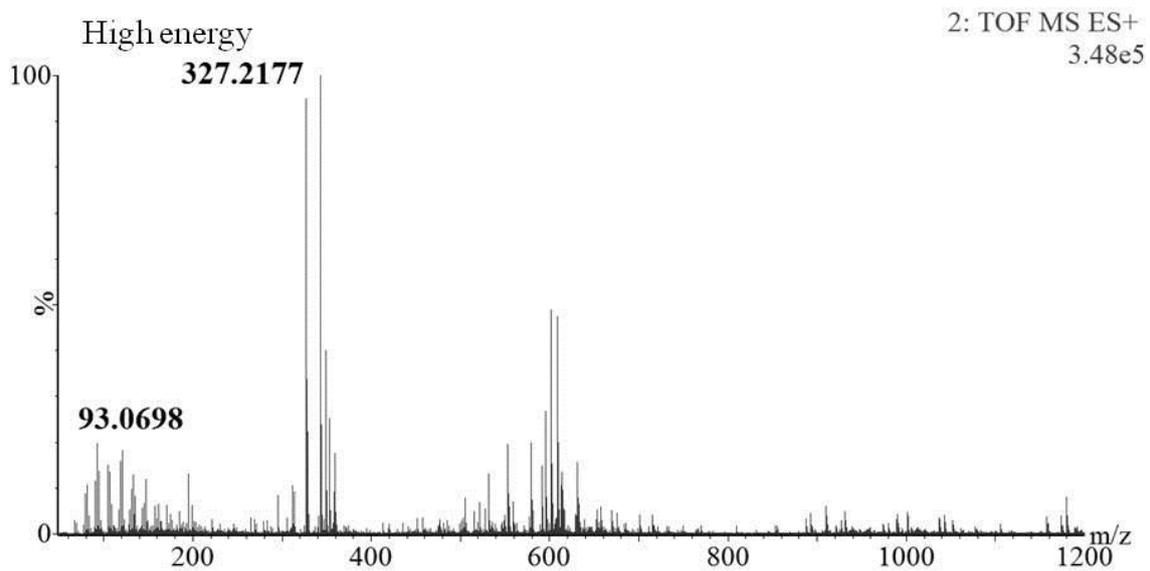
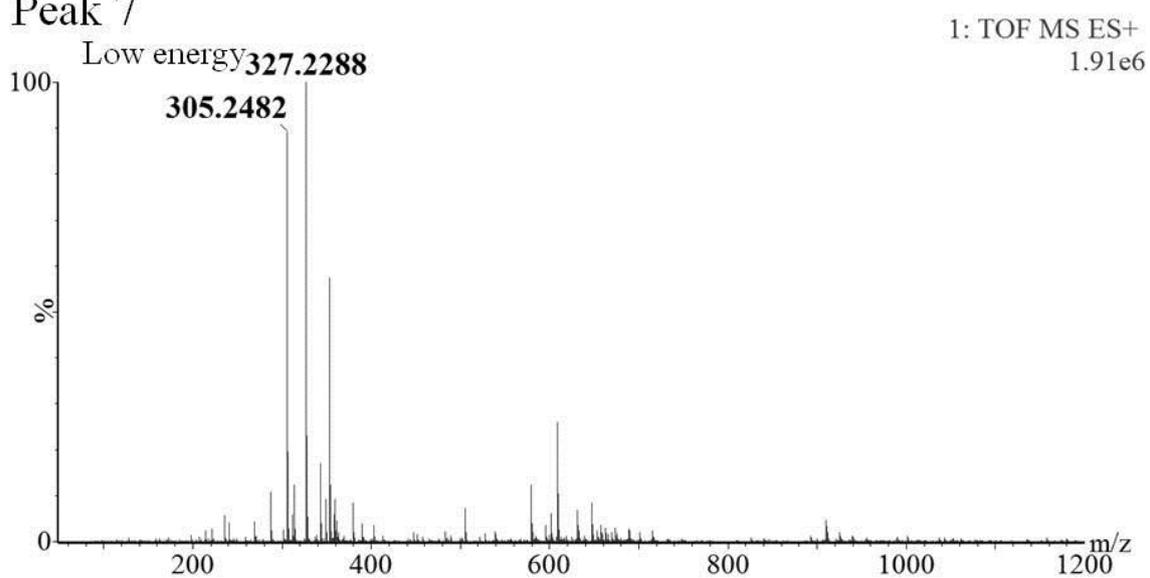


Figure S2. Cont.

Peak 8

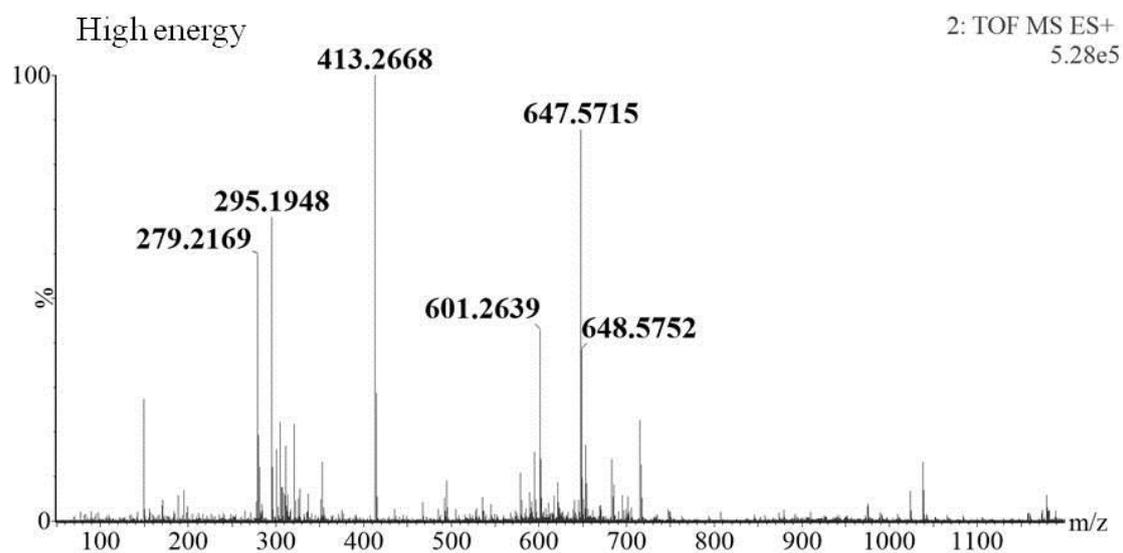
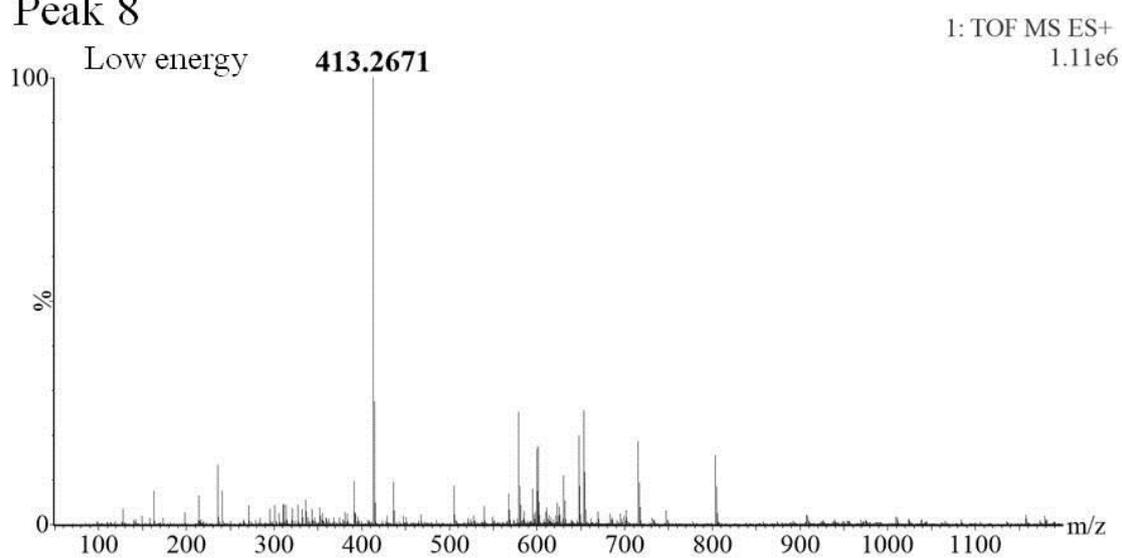


Figure S2. Cont.

Peak 10

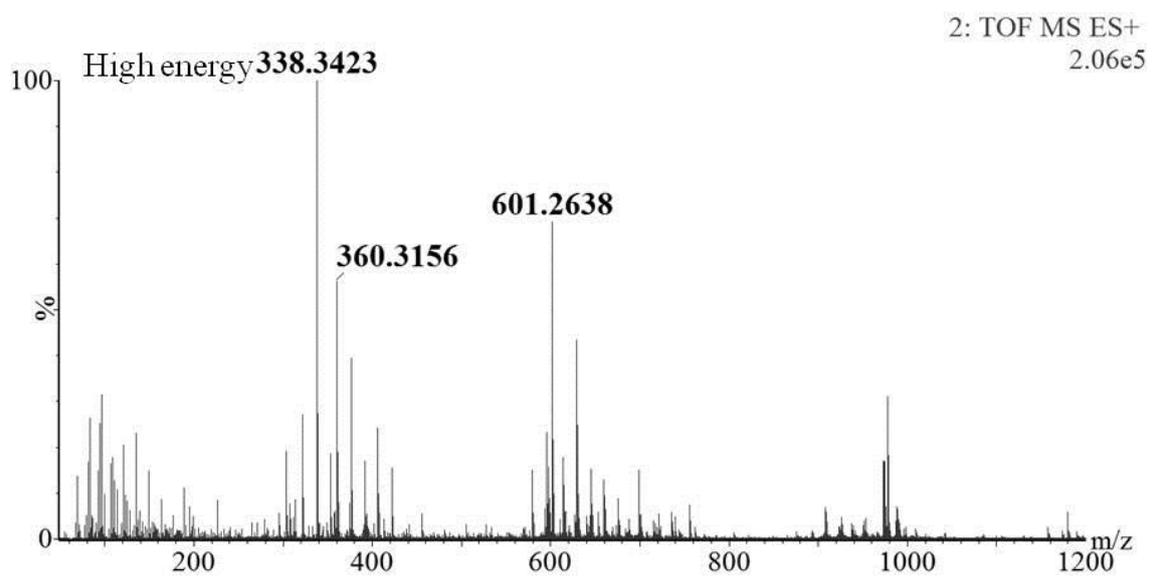
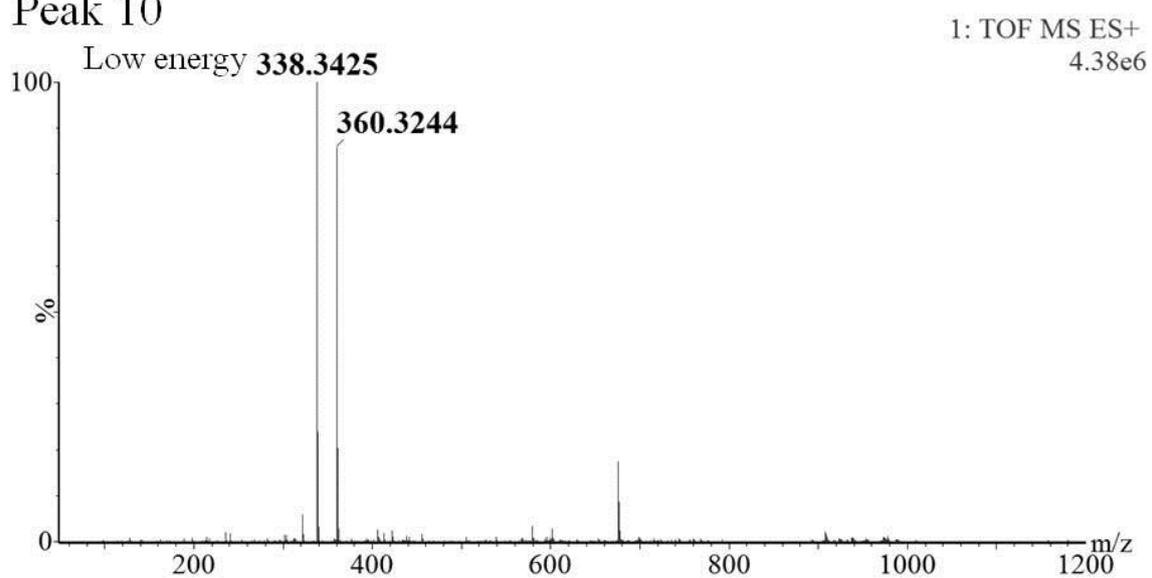


Figure S2. Cont.

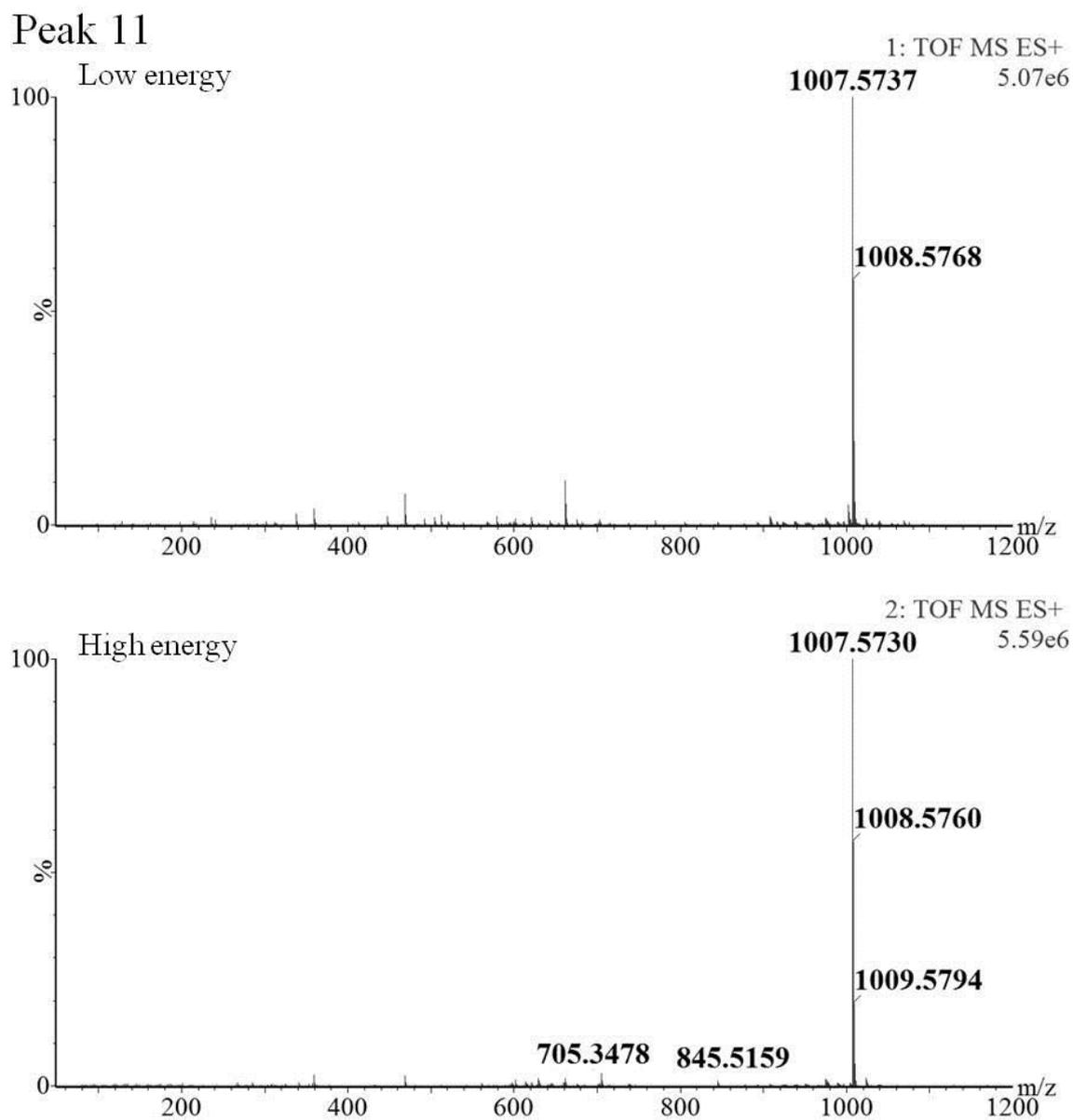


Figure S2. Cont.

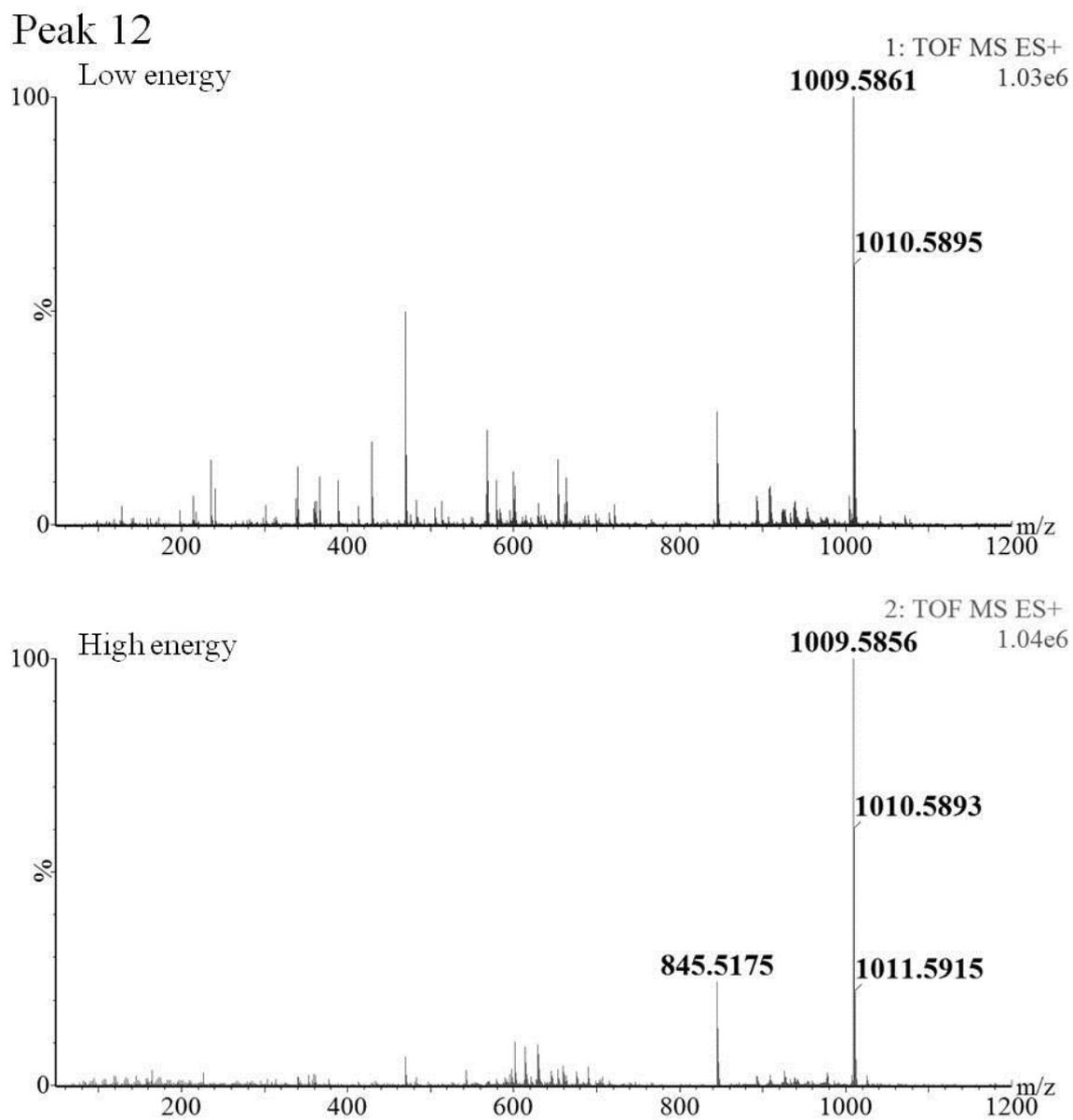


Figure S2. Cont.

Peak 13

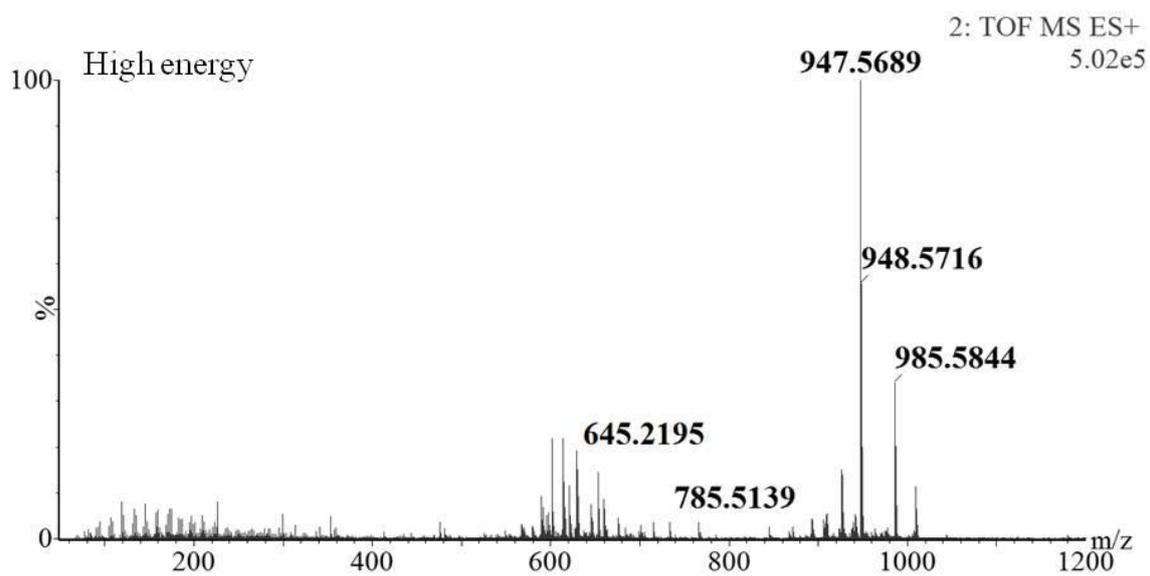
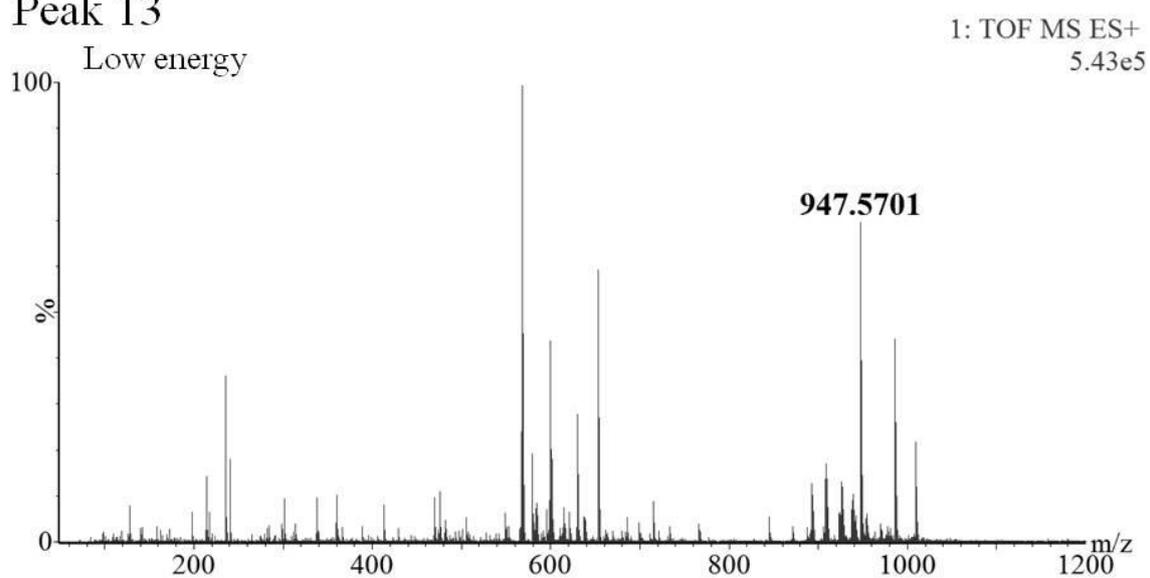


Figure S2. Cont.

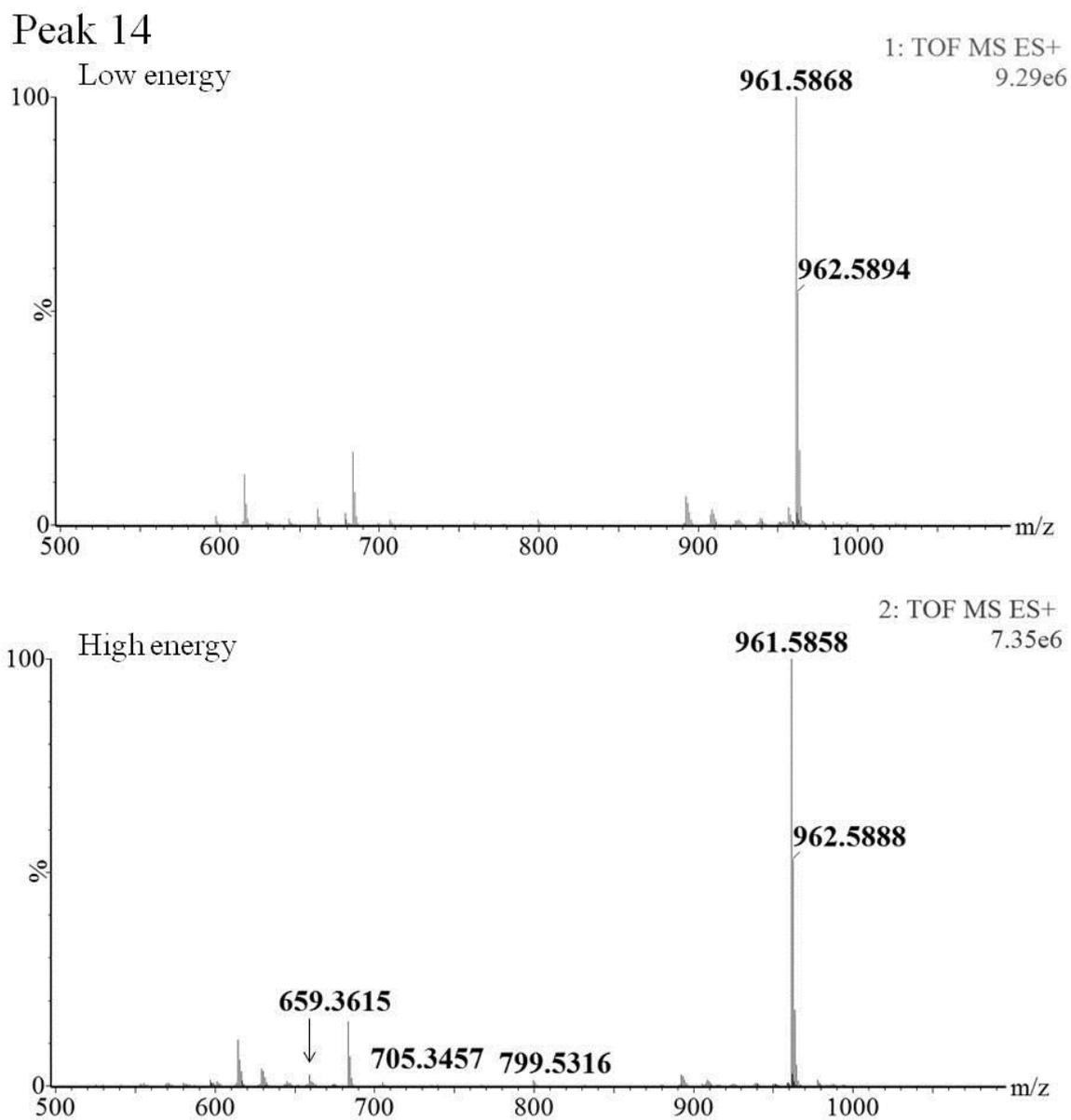


Figure S2. Cont.

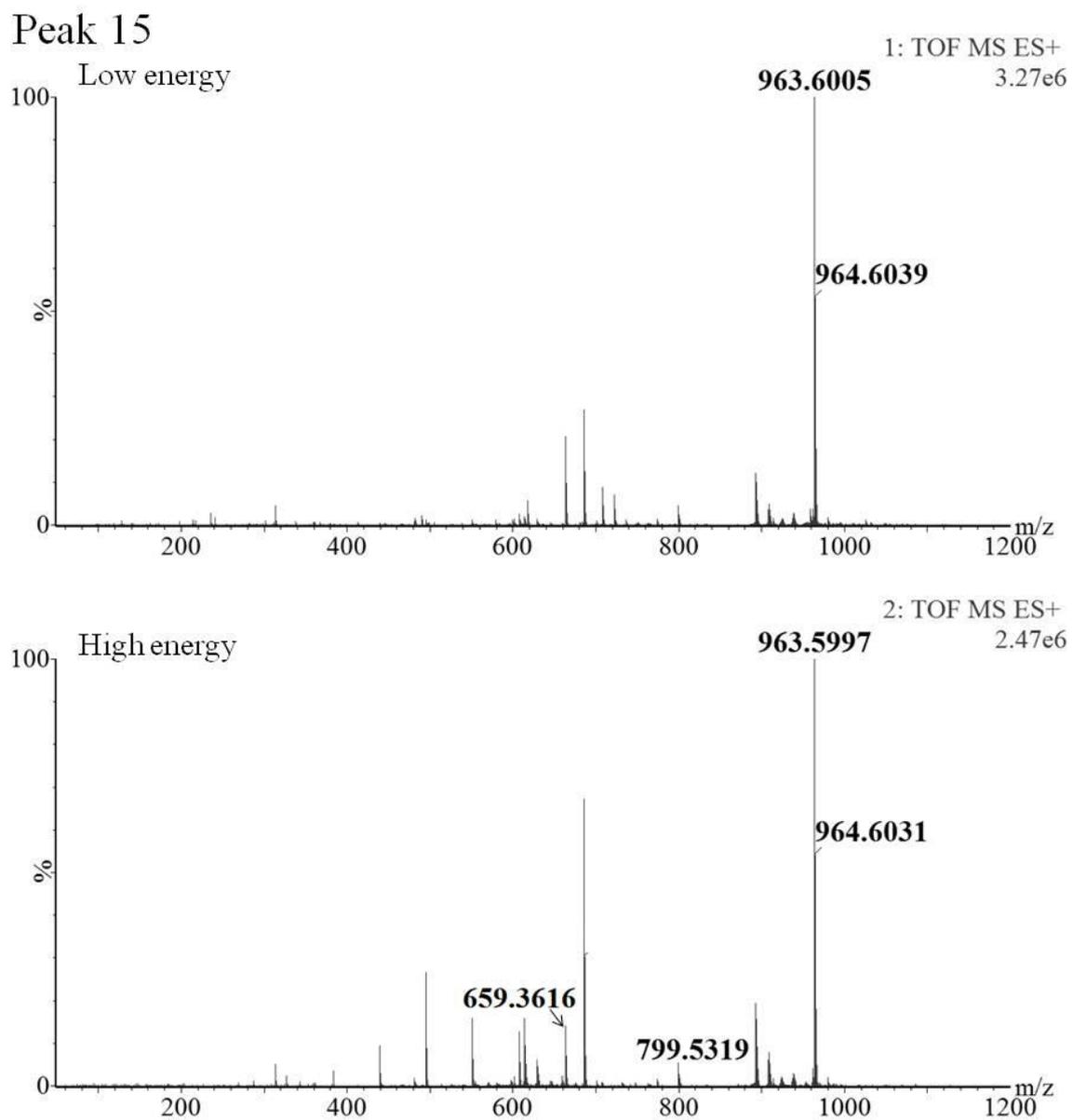


Figure S2. Cont.

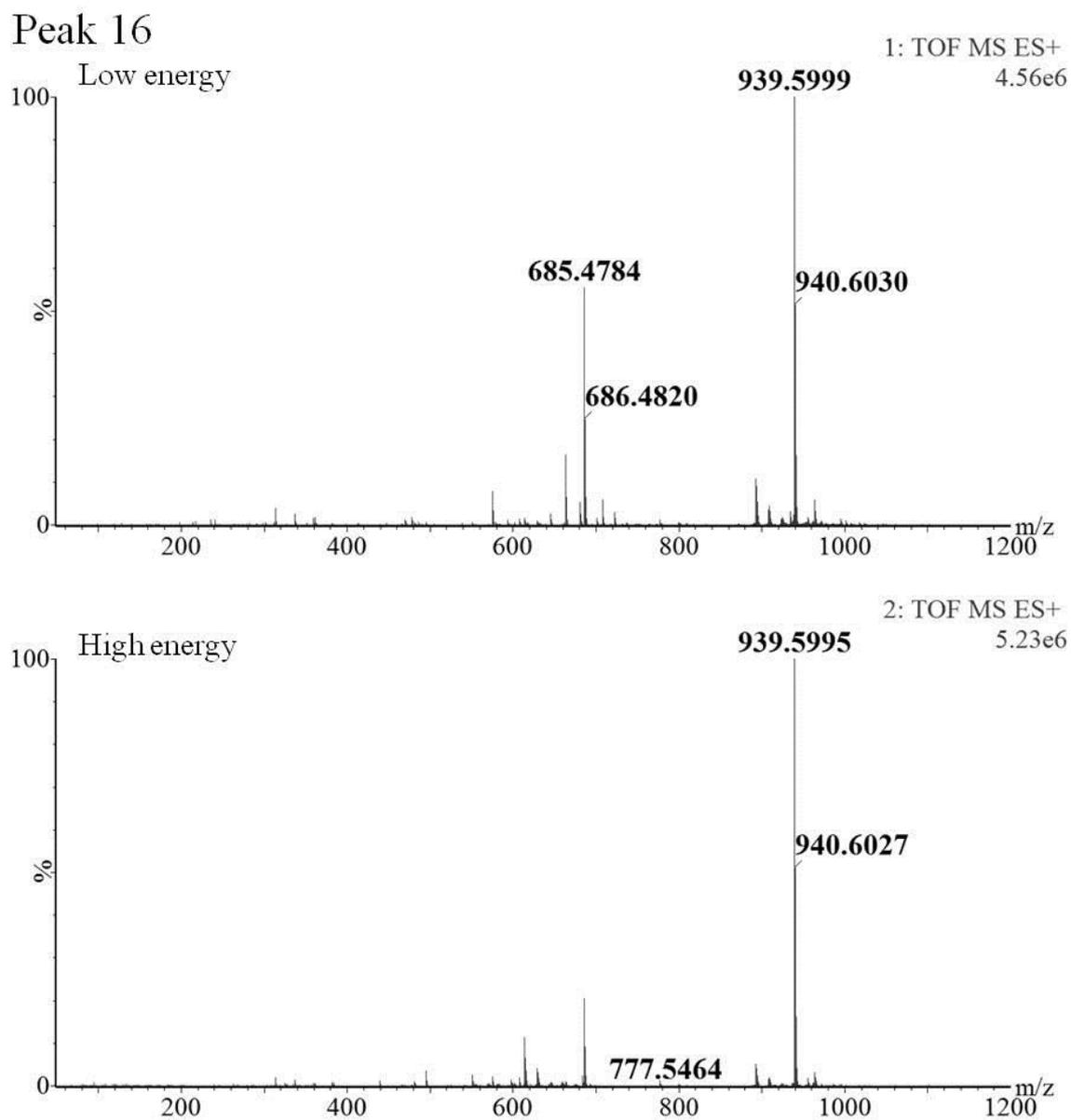


Figure S2. Cont.

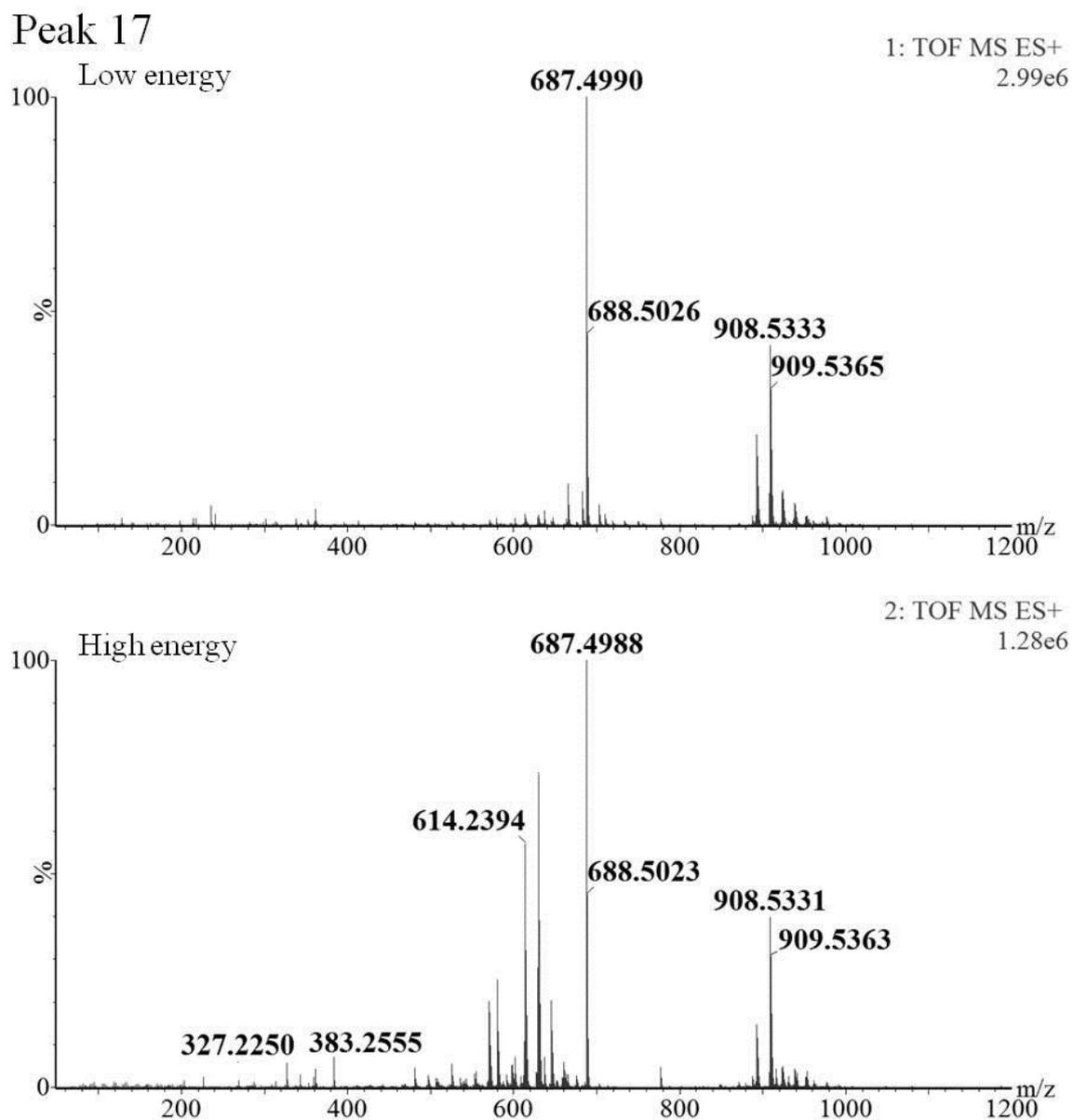


Figure S2. Cont.

Peak 18

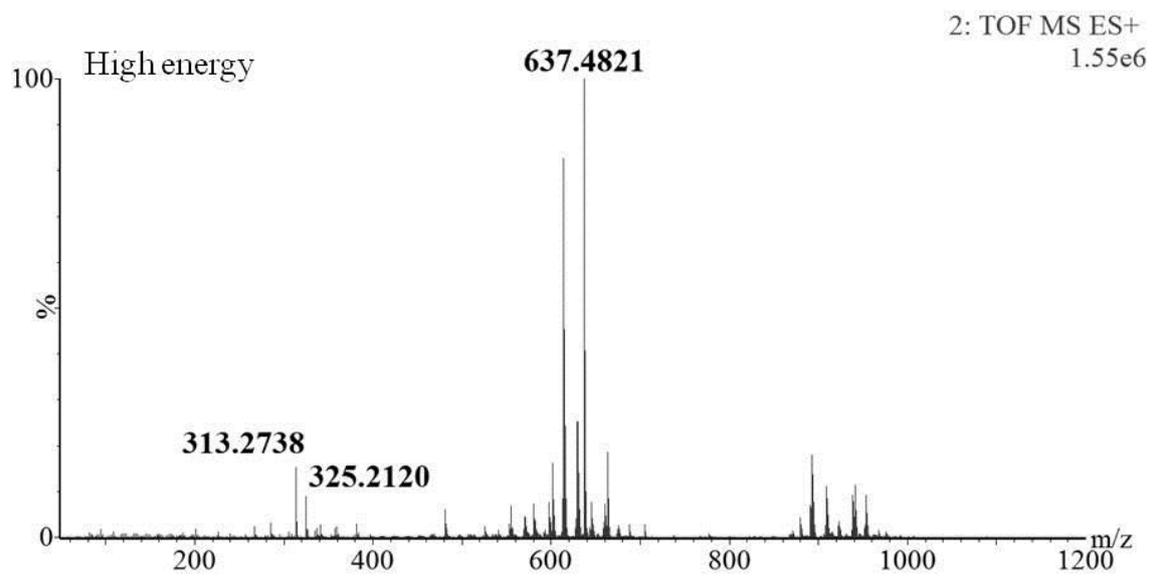
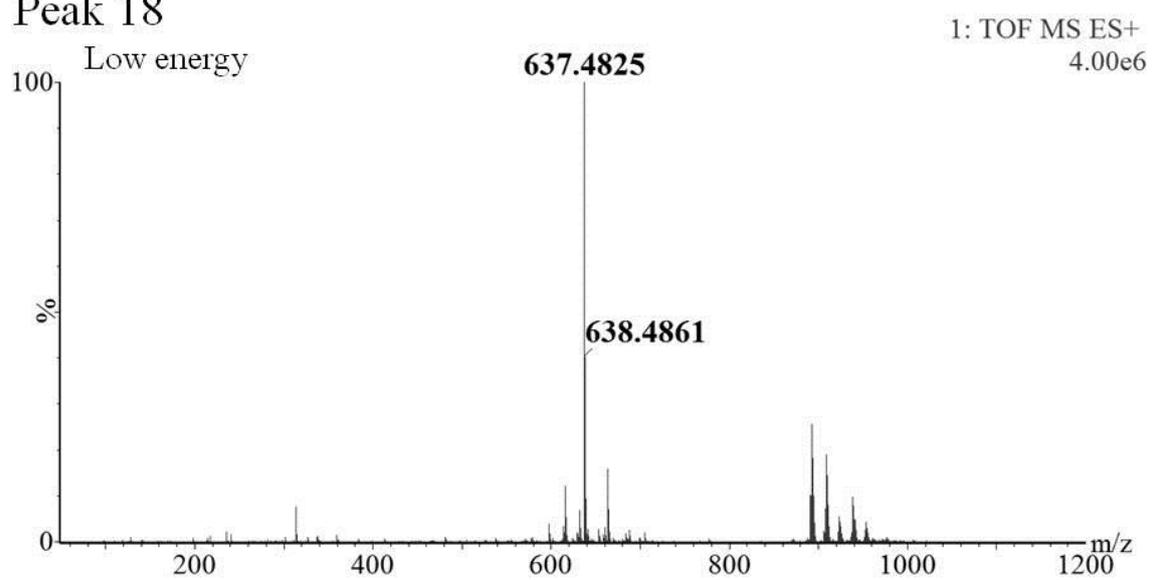


Figure S2. Cont.

Peak 21

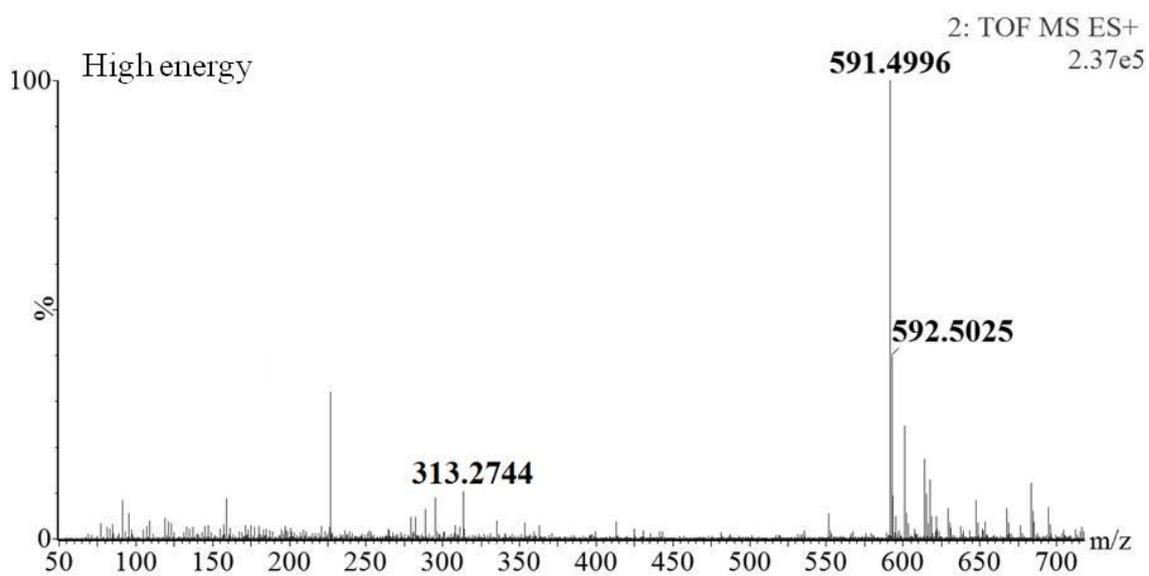
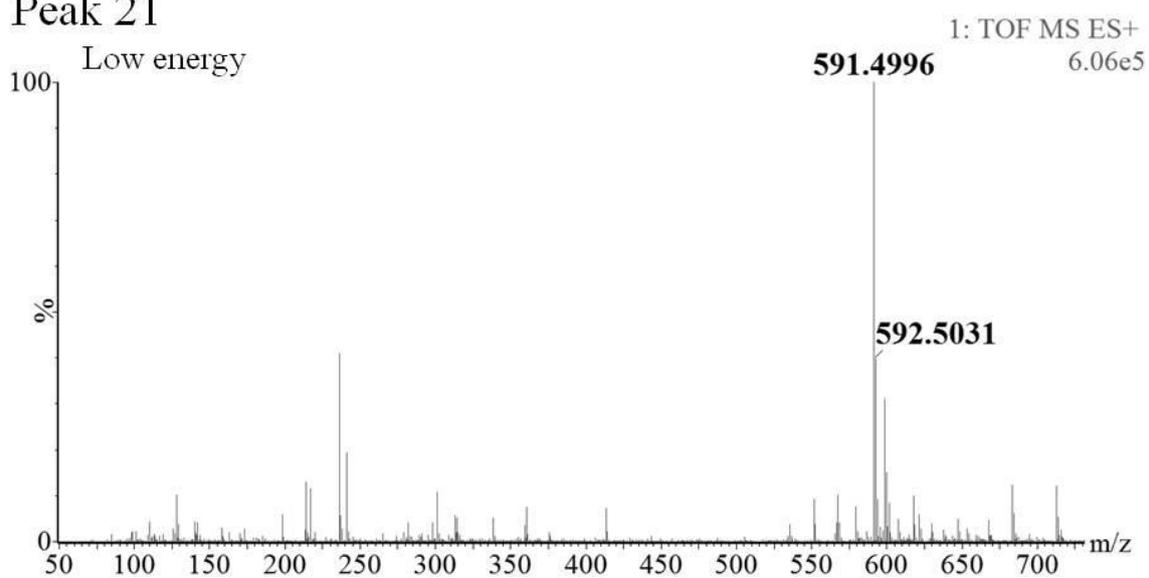


Figure S2. Cont.

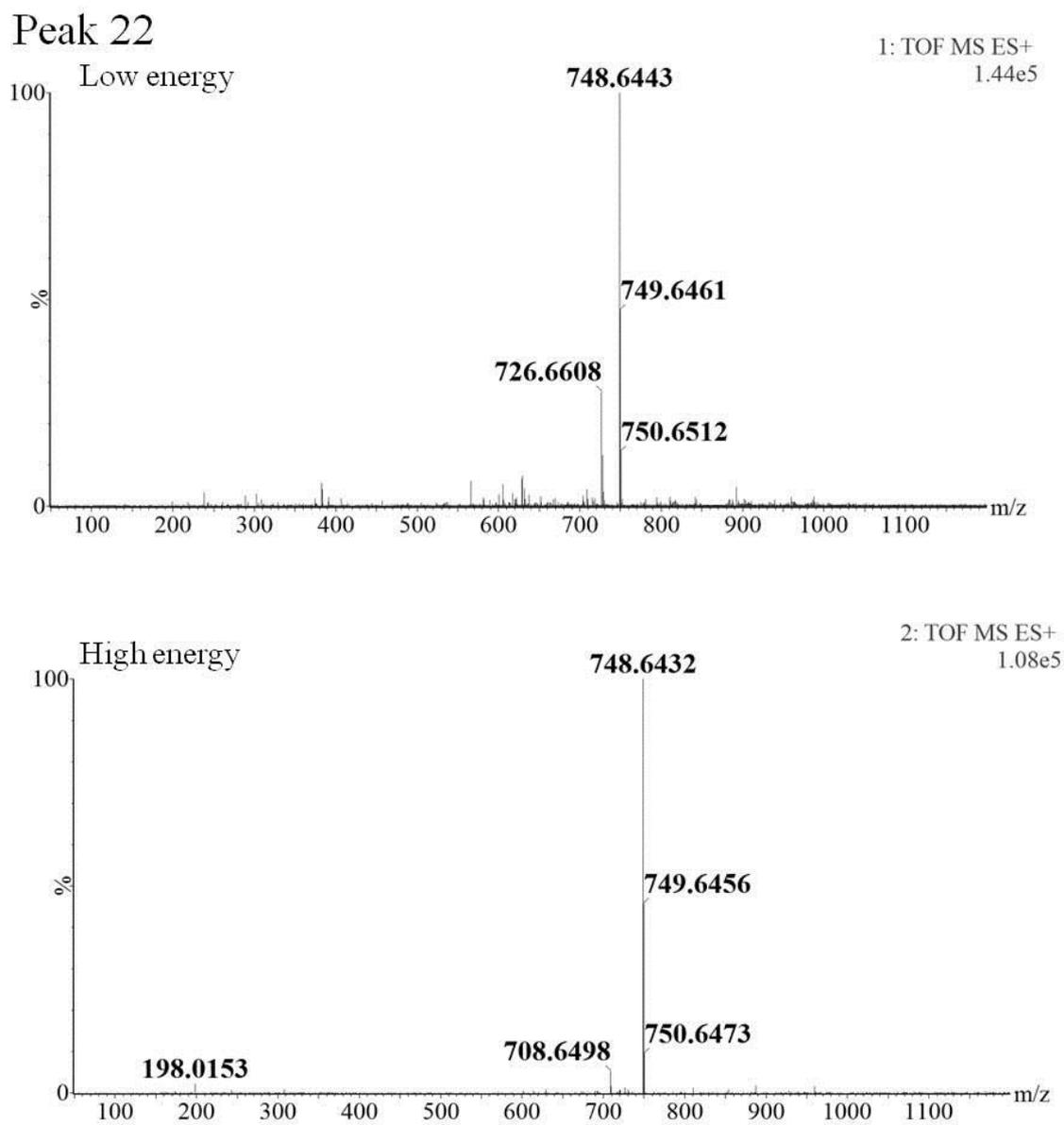


Figure S2. Cont.

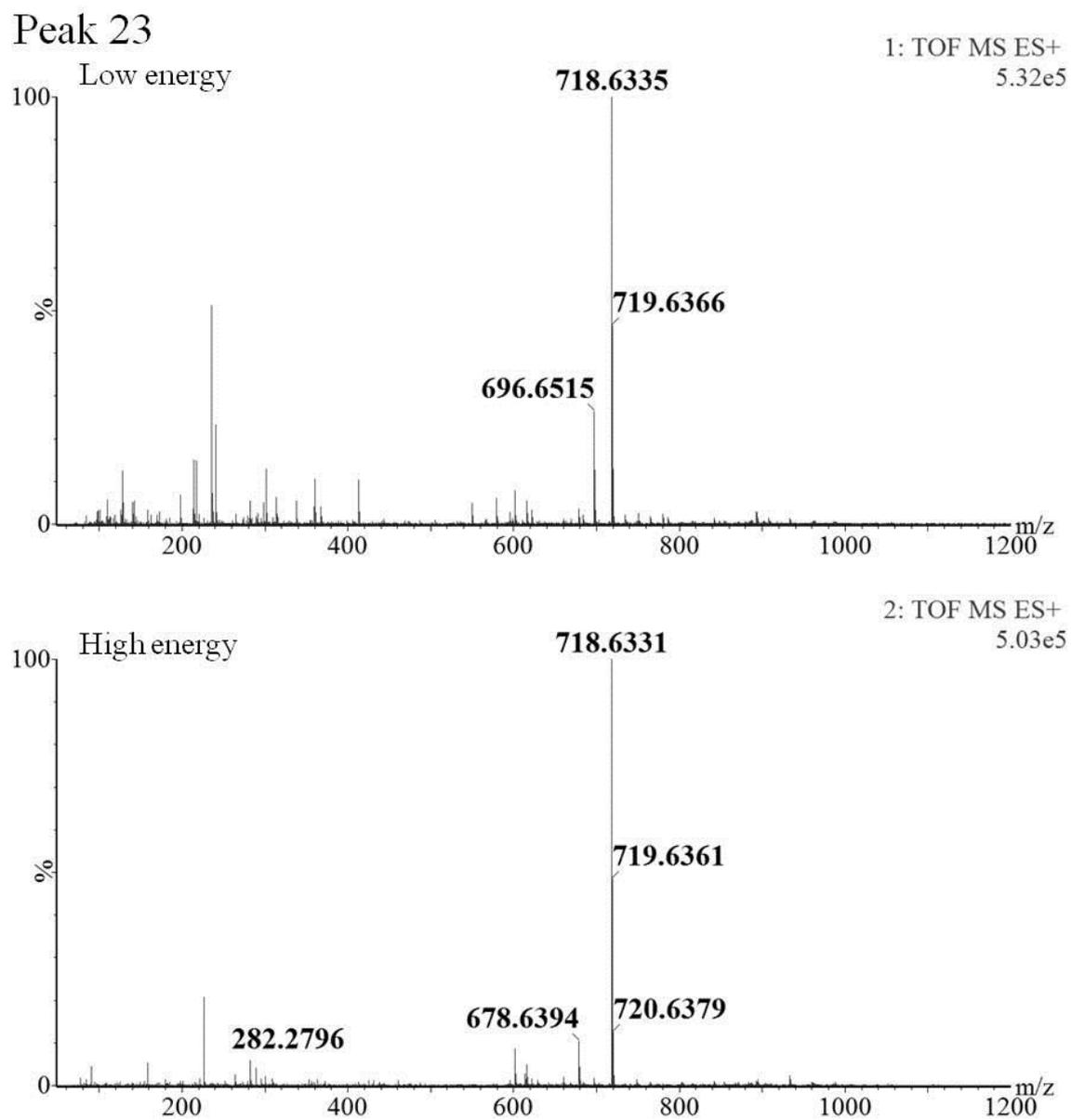


Figure S2. Cont.

Peak 24

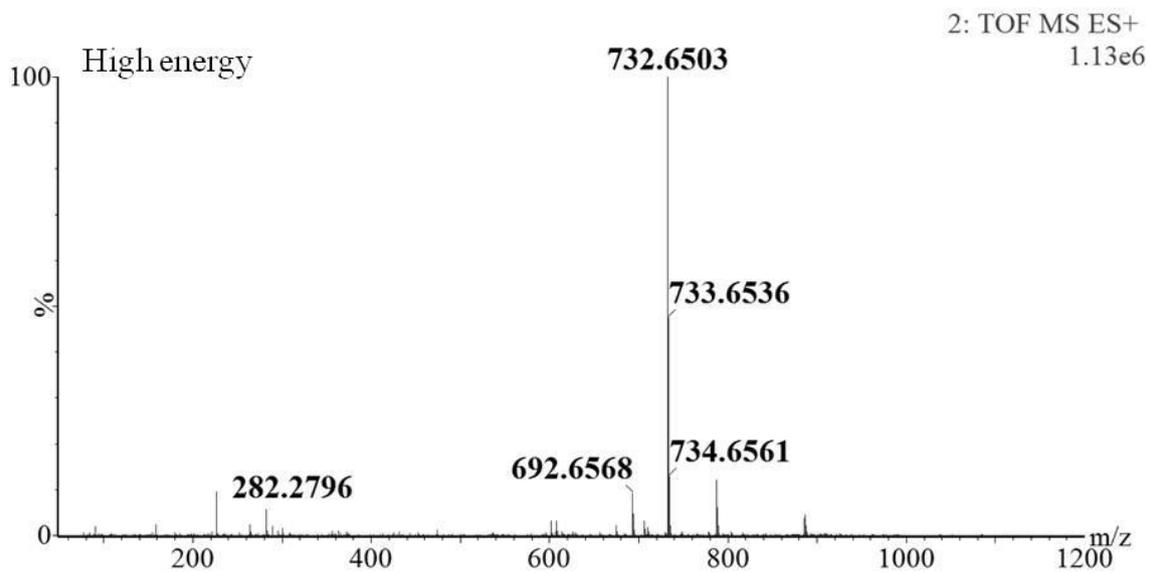
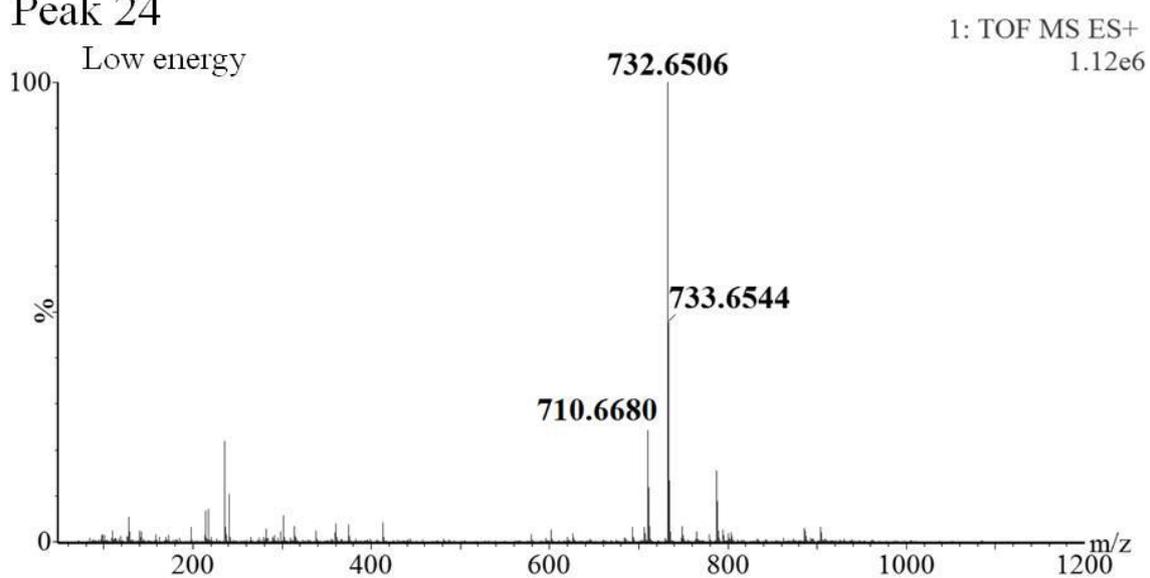


Figure S2. Cont.

Peak 28

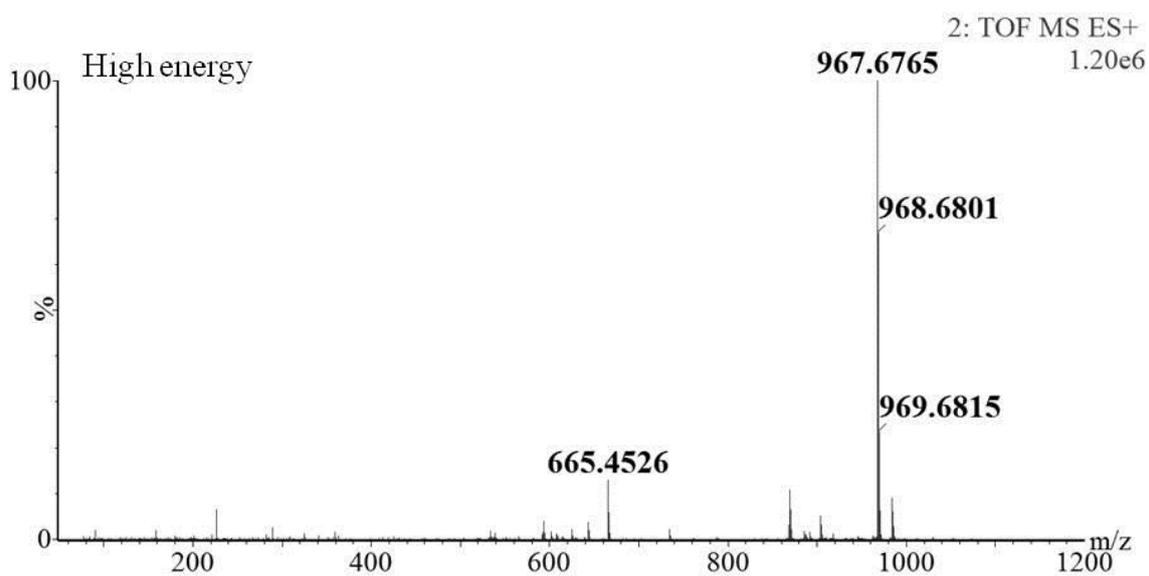
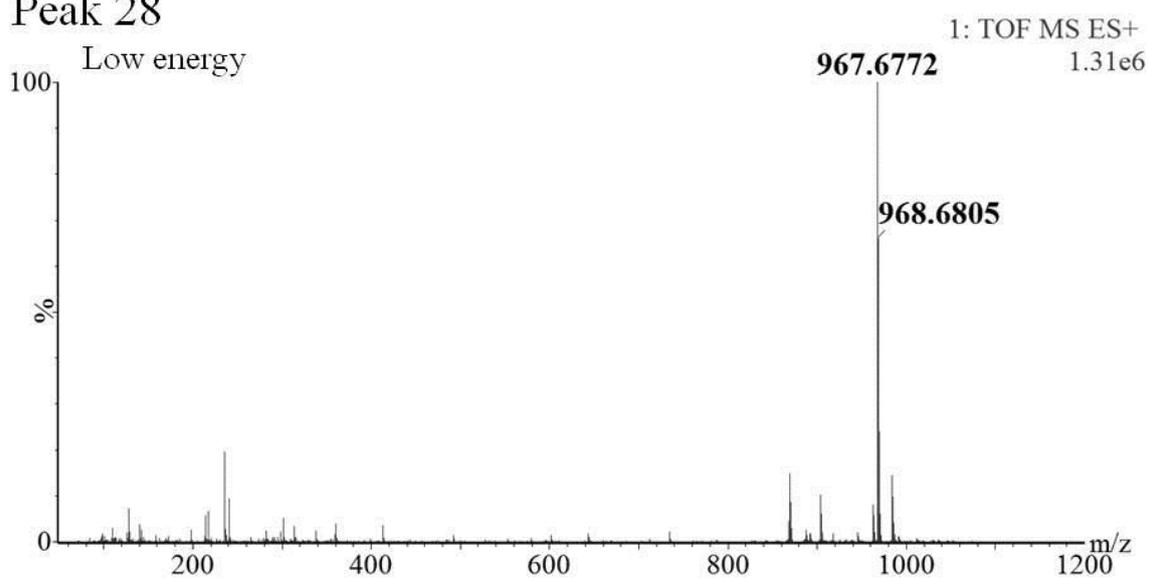


Figure S2. Cont.

Peak 31

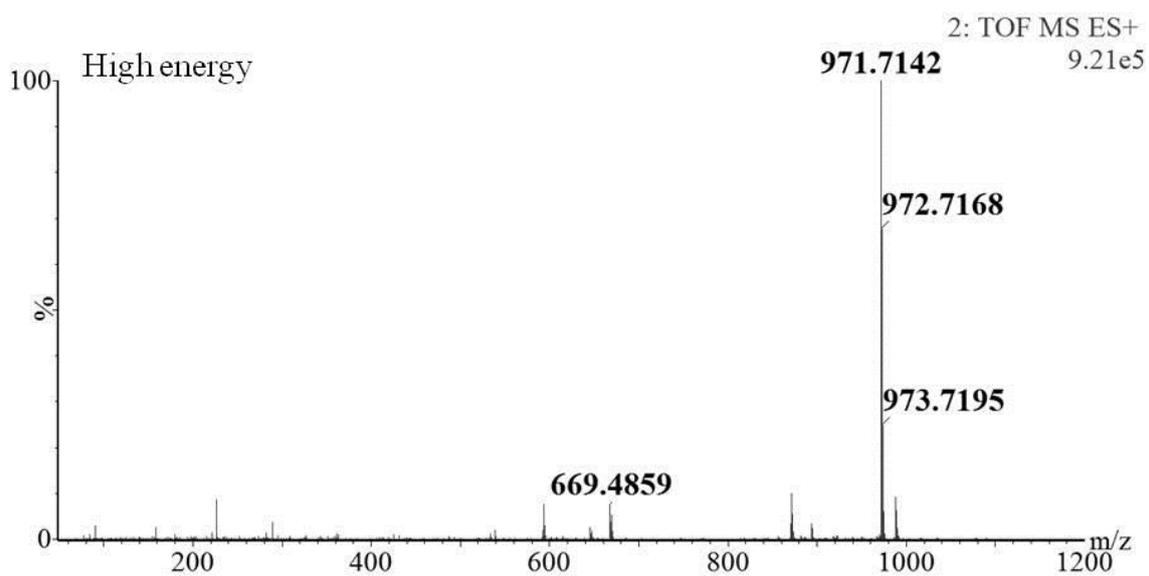
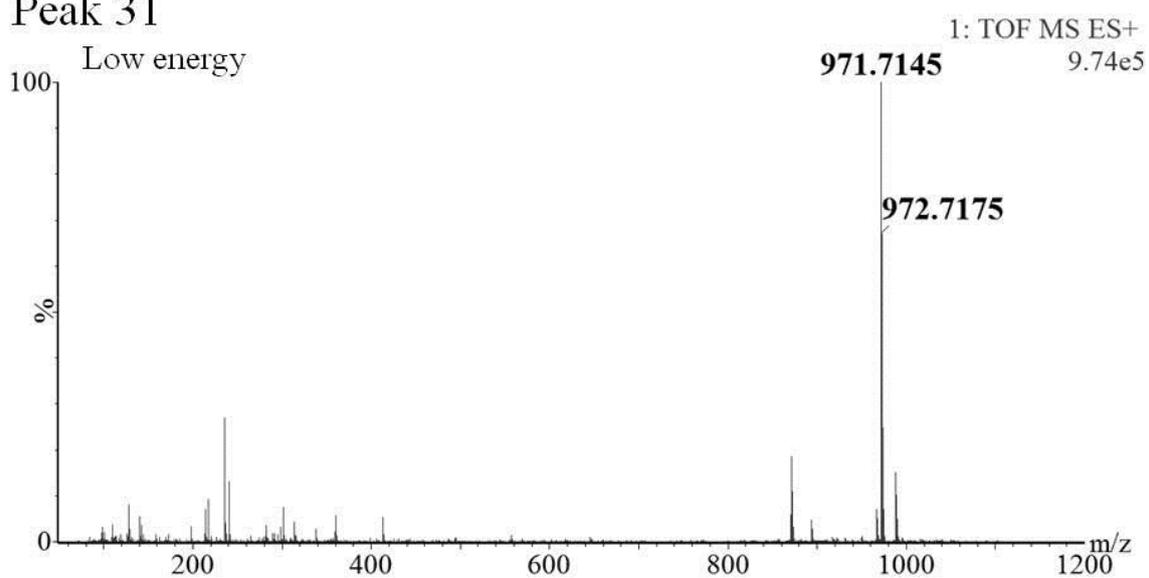


Figure S2. Cont.

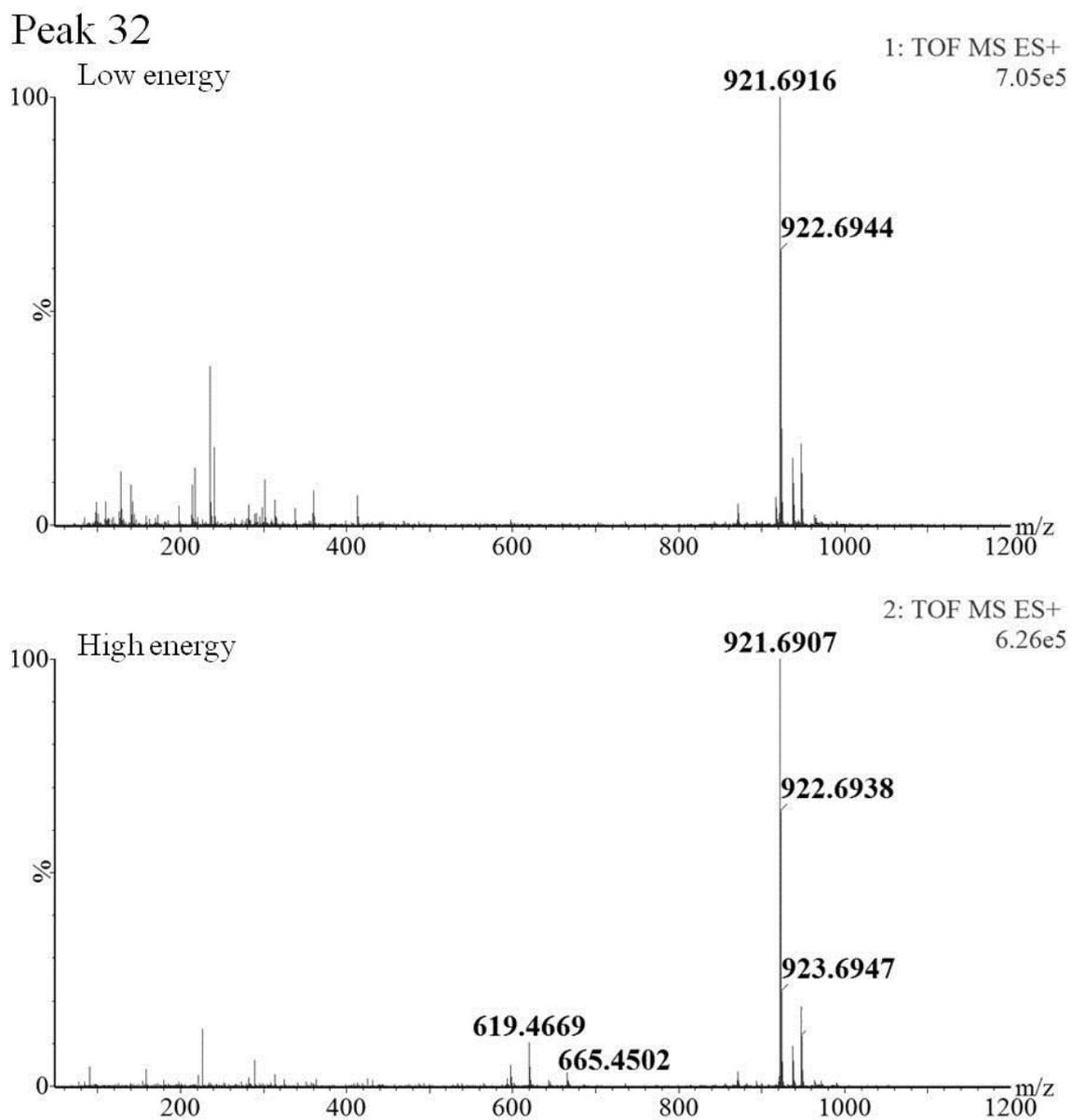


Figure S2. Cont.

Peak 33

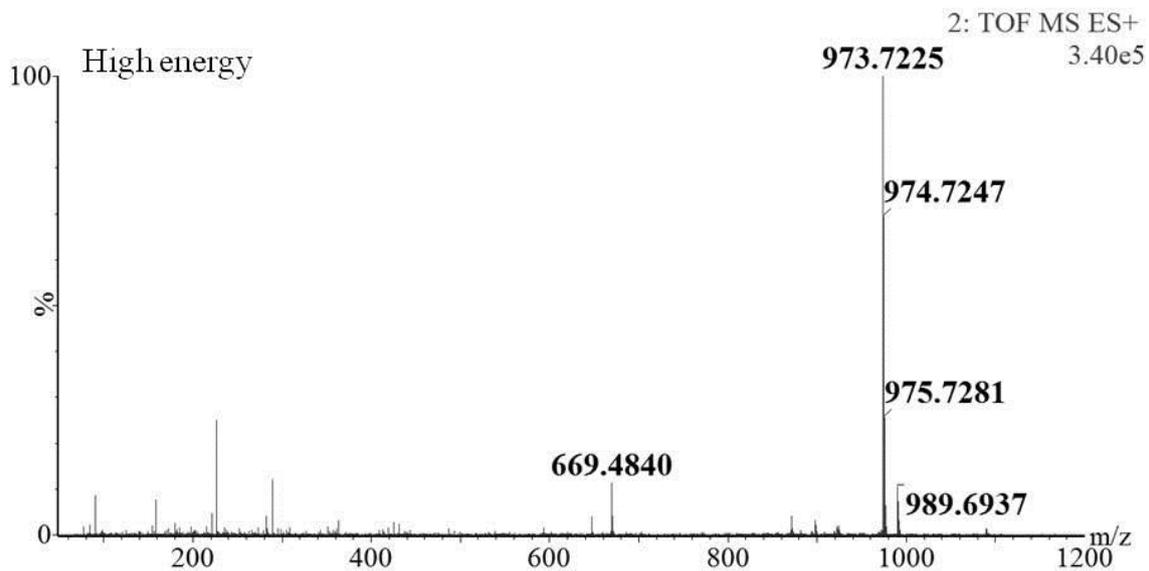
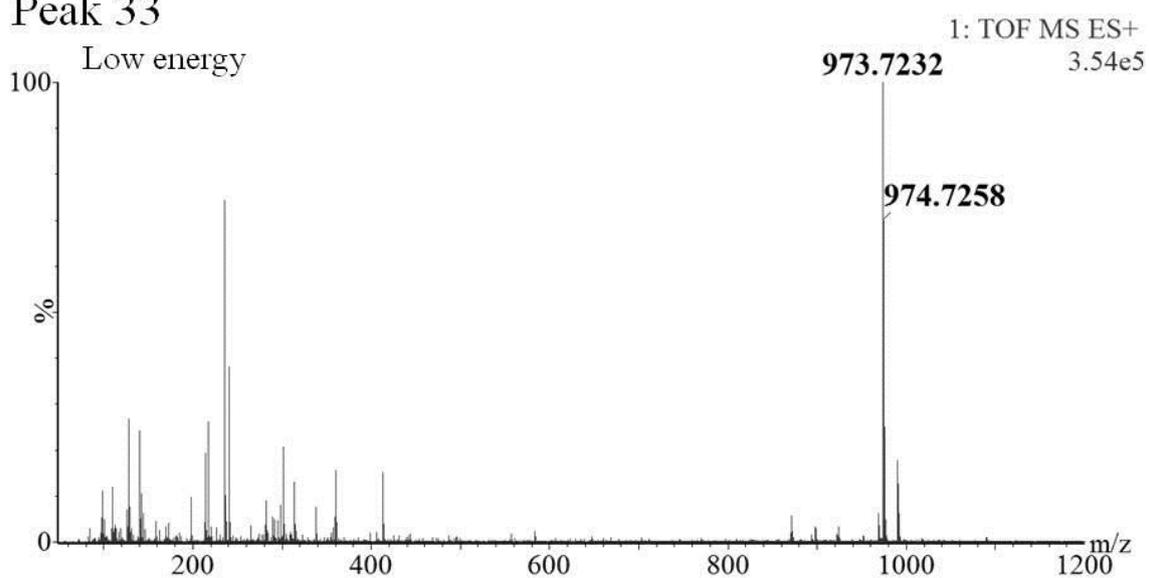


Figure S2. Cont.

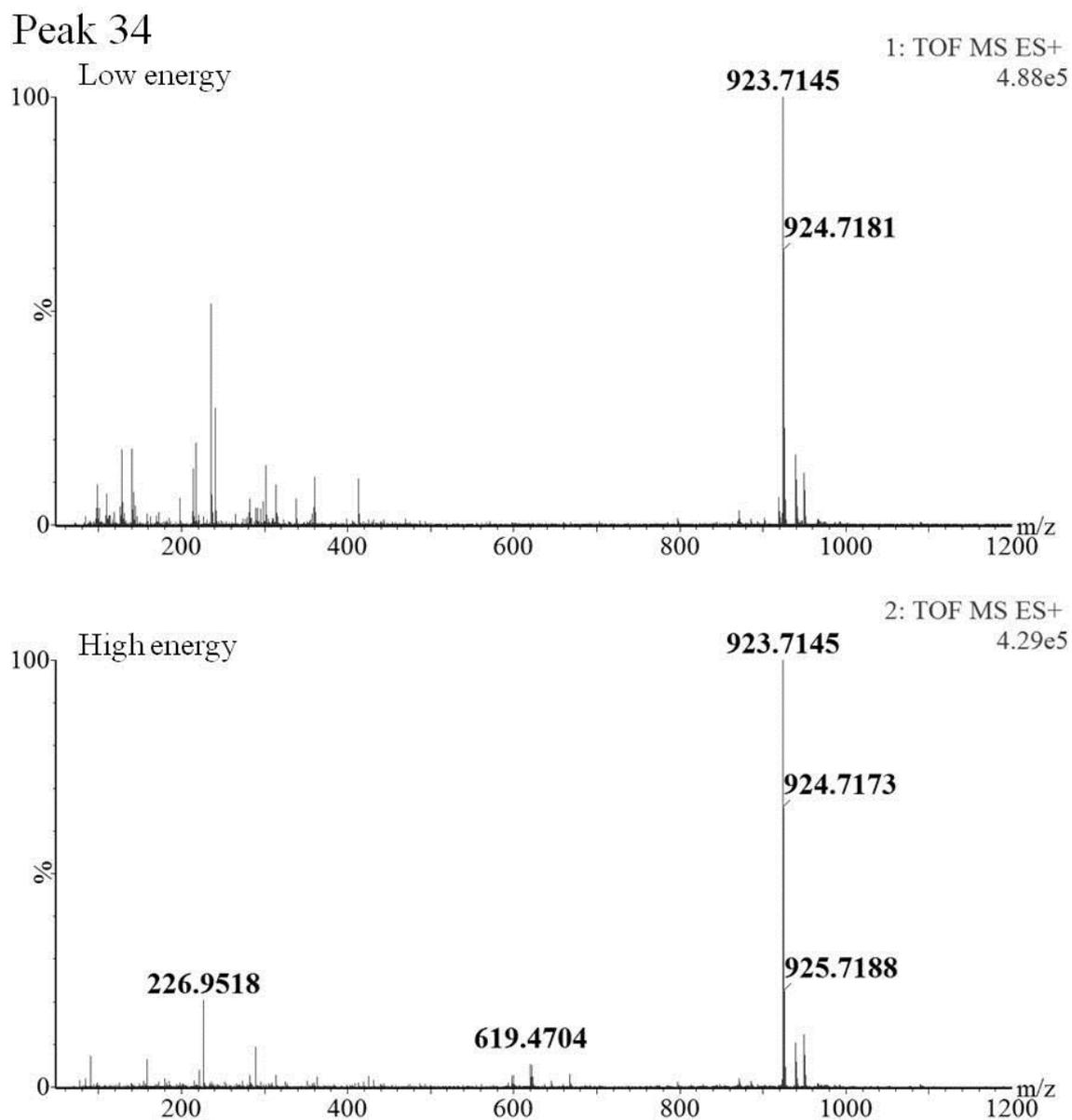


Figure S2. Cont.

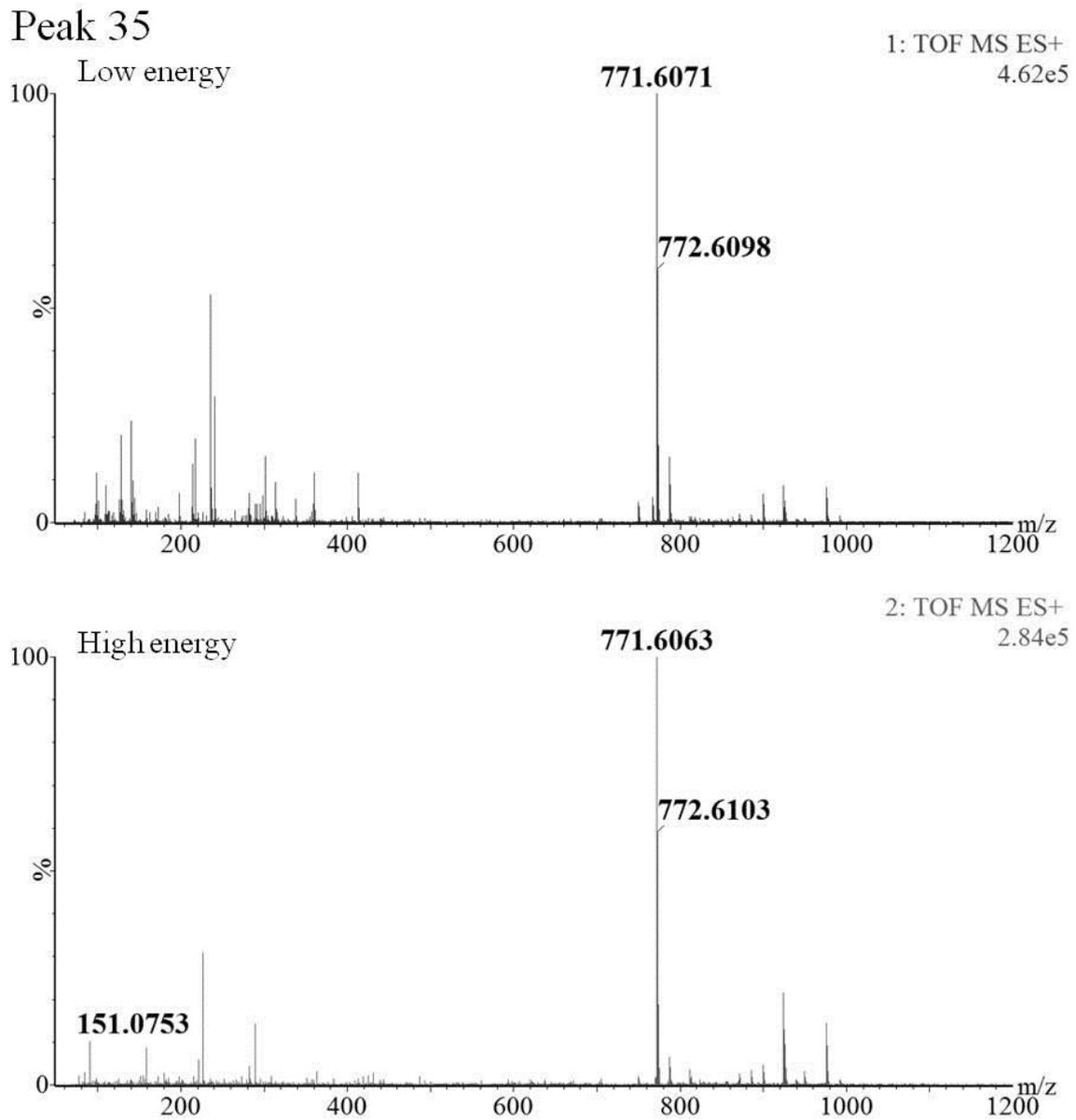


Figure S2. High resolution MS^E spectra of unidentified ions in the *Pp* ethanol extract.

© 2015 by the authors; licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution license (<http://creativecommons.org/licenses/by/4.0/>).