

Supplementary material

“Free and bound phenolic profiles and antioxidant activities in melon (*Cucumis melo* L.) pulp: Comparative study on six widely consumed varieties planted in Hainan province”

Figure S1 Photographic images of six melon varieties planted in the Hainan province of China.

Figure S2 Hierarchical Cluster Analysis of free, bound, and total TPC, FRAP, ABTS⁺, and phenolic profiles of six melon varieties.

Figure S3 Total ion chromatogram of free extracts of the pulp of six melon varieties analyzed by UHPLC-QQQ-MS in negative and positive modes.

Figure S4 Total ion chromatogram of bound extracts of the pulp of six melon varieties analyzed by UHPLC-QQQ-MS in negative and positive modes.



Xizhoumi No.25



Xiaomi No.25



Naixiangmi



Hongguan



Meilong



Yugu

Figure S1 Photographic images of six melon varieties planted in the Hainan province of China.

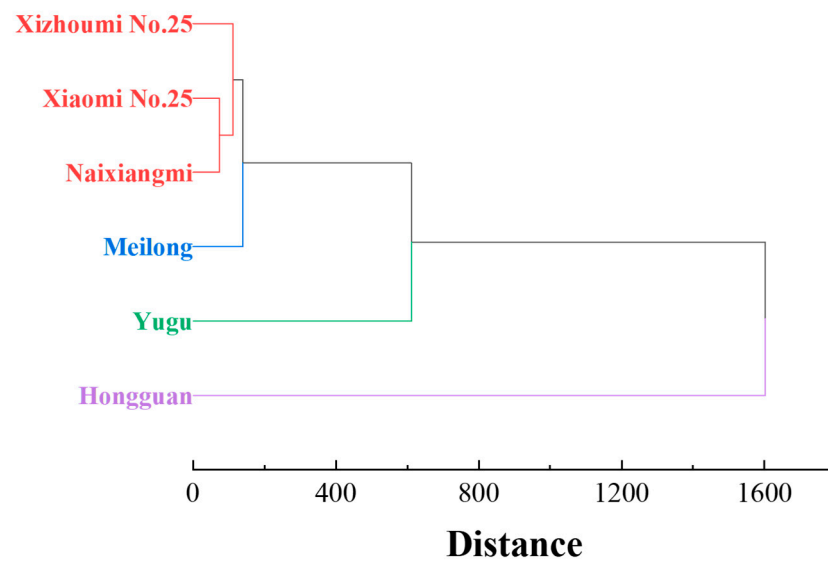
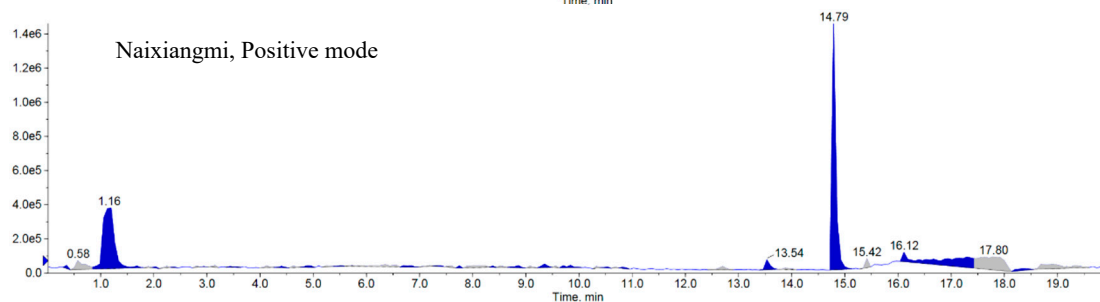
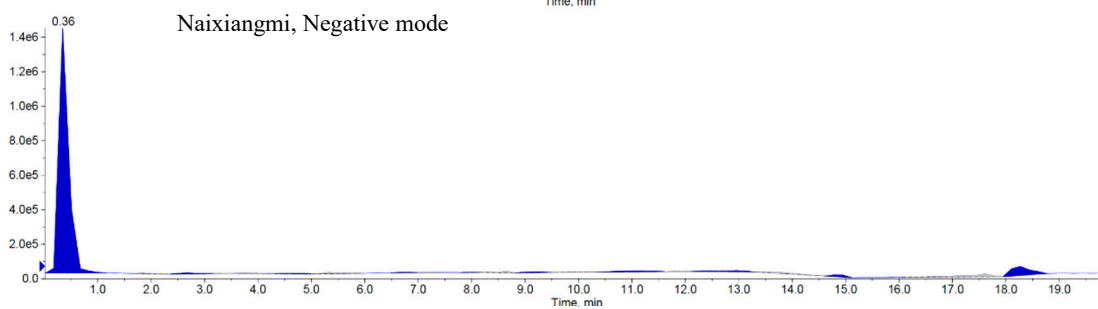
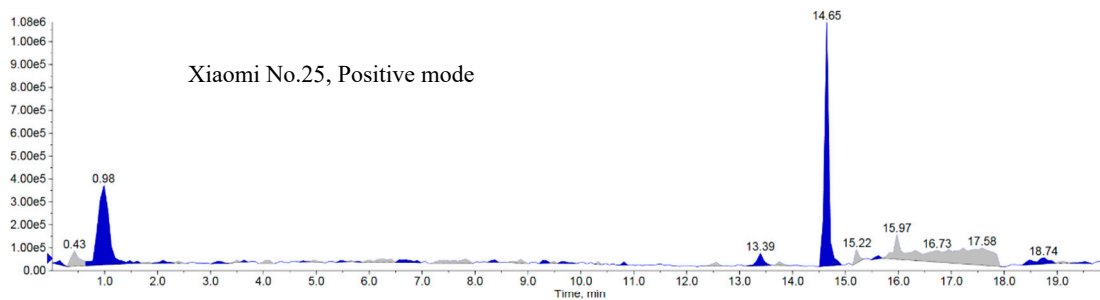
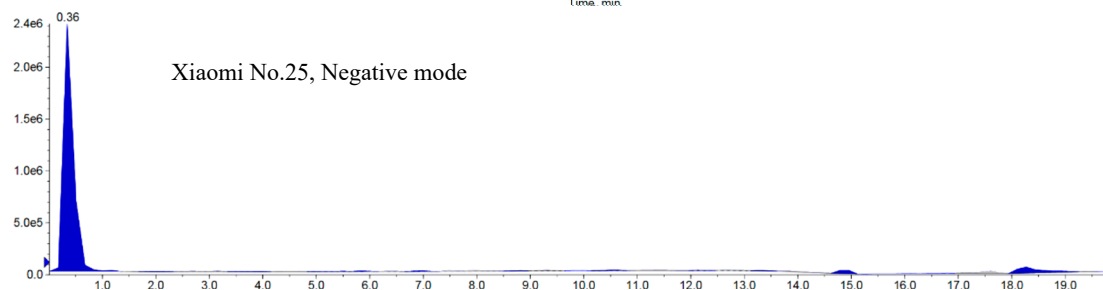
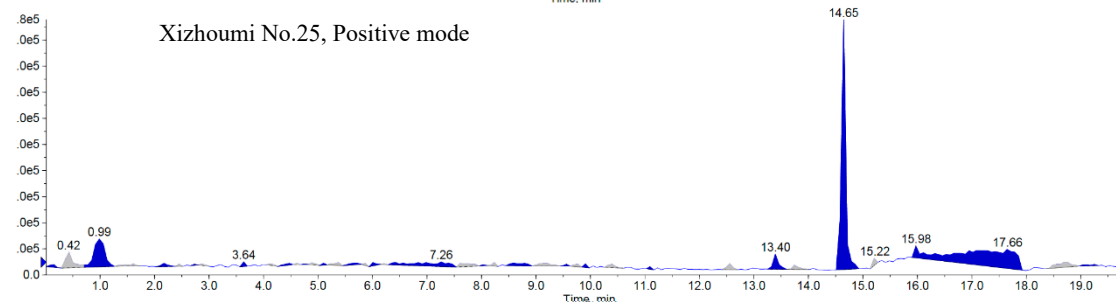
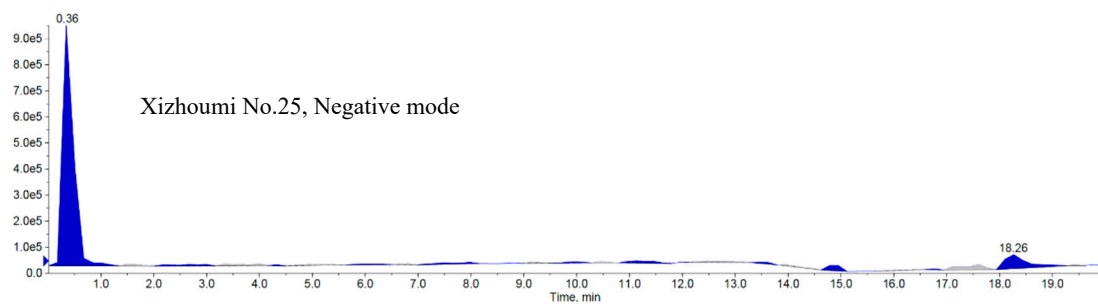


Figure S2 Hierarchical Cluster Analysis of free, bound, and total TPC, FRAP, ABTS⁺, and phenolic profiles of six melon varieties.



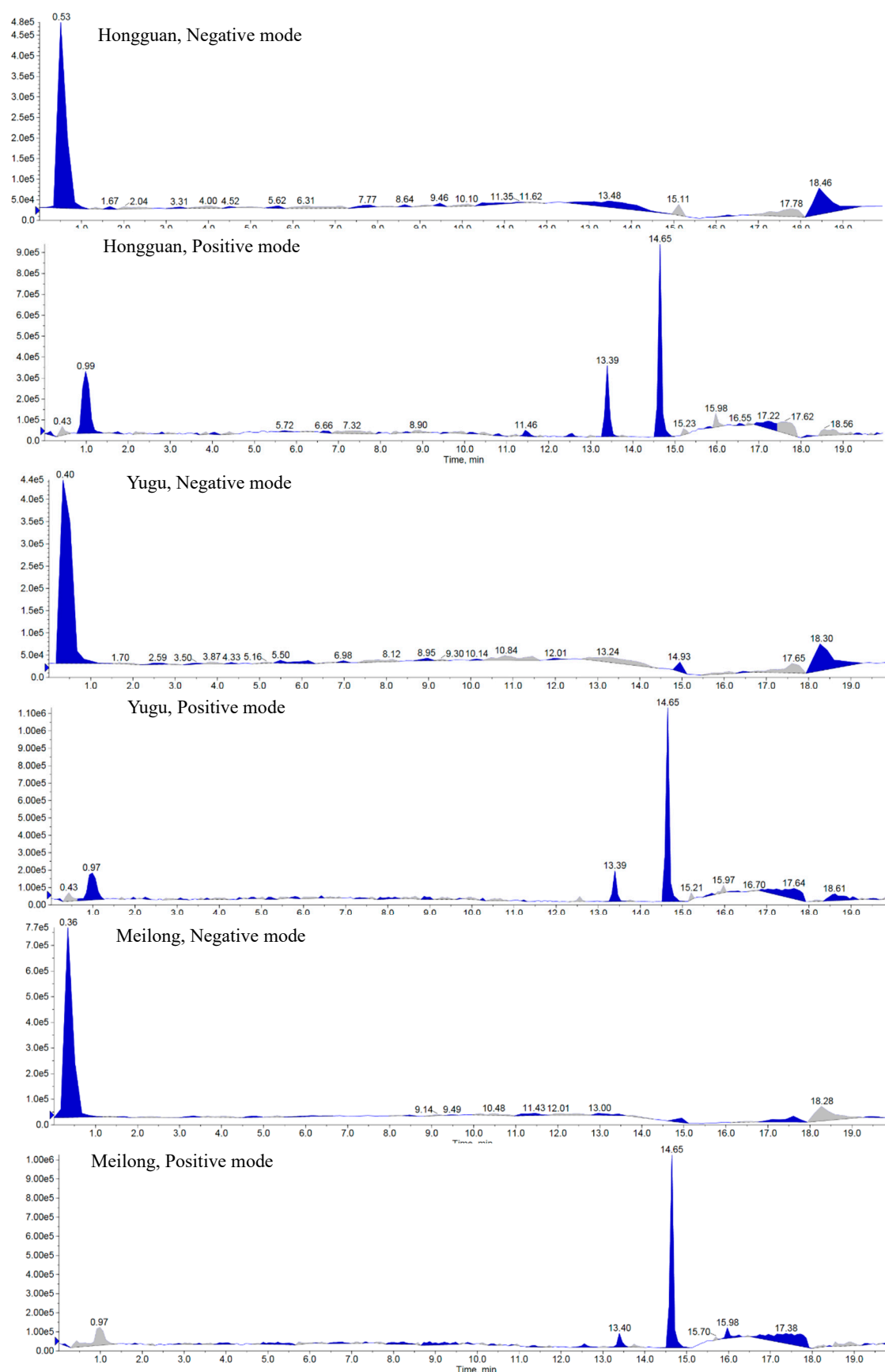
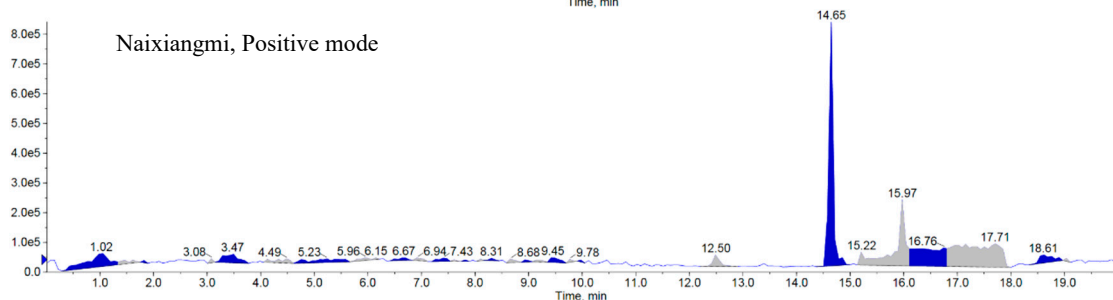
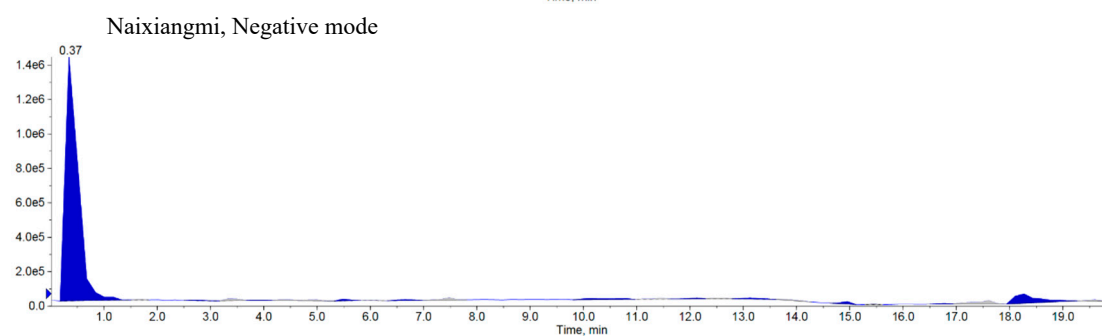
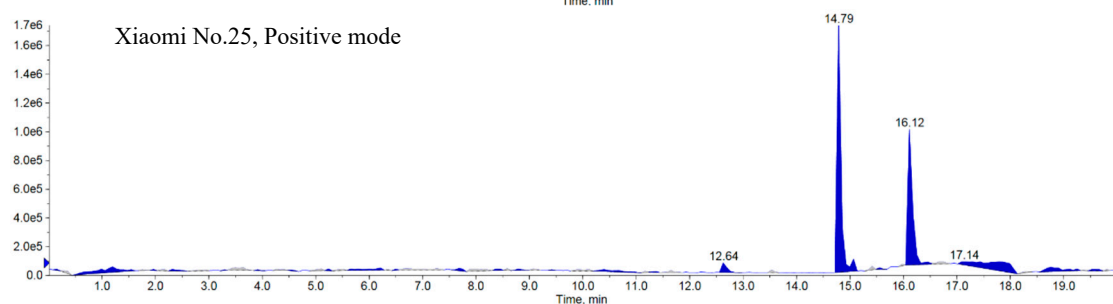
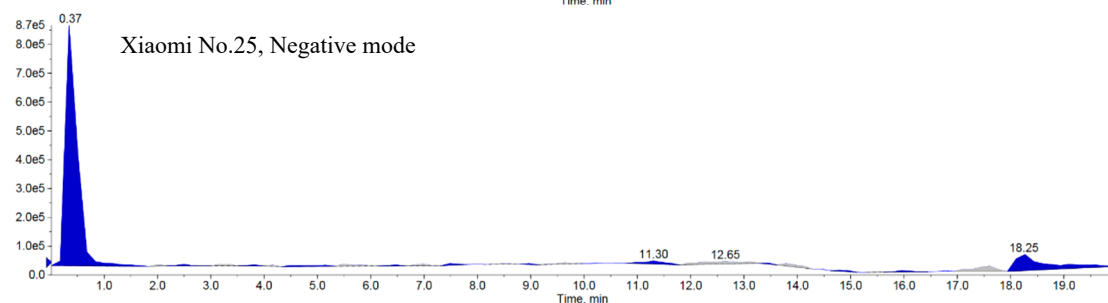
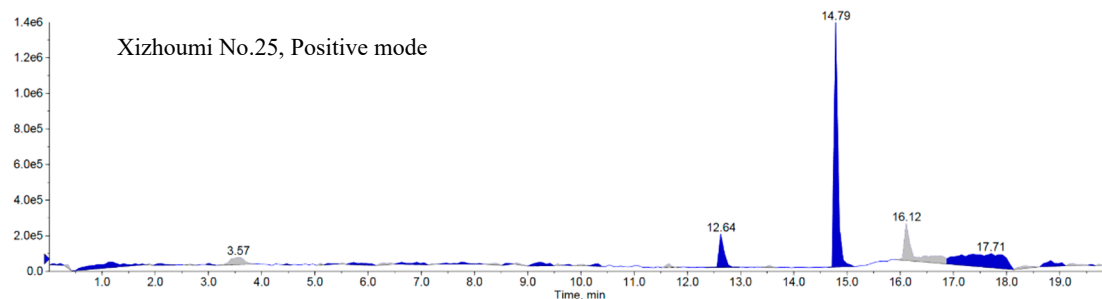
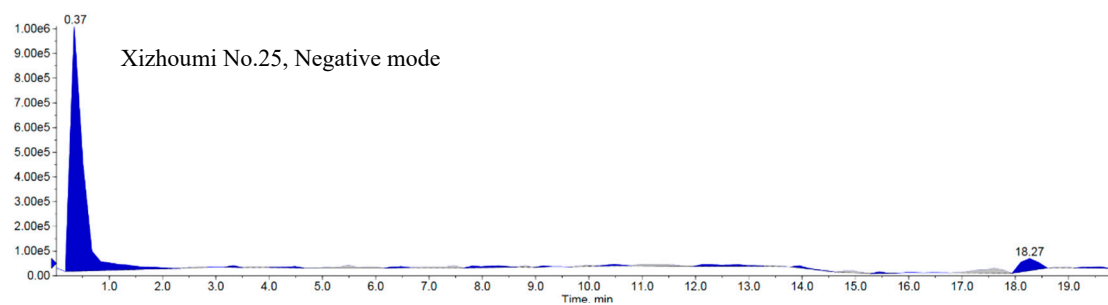


Figure S3 Total ion chromatogram of free extracts of the pulp of six melon varieties analyzed by UHPLC-QQQ-MS in negative and positive modes



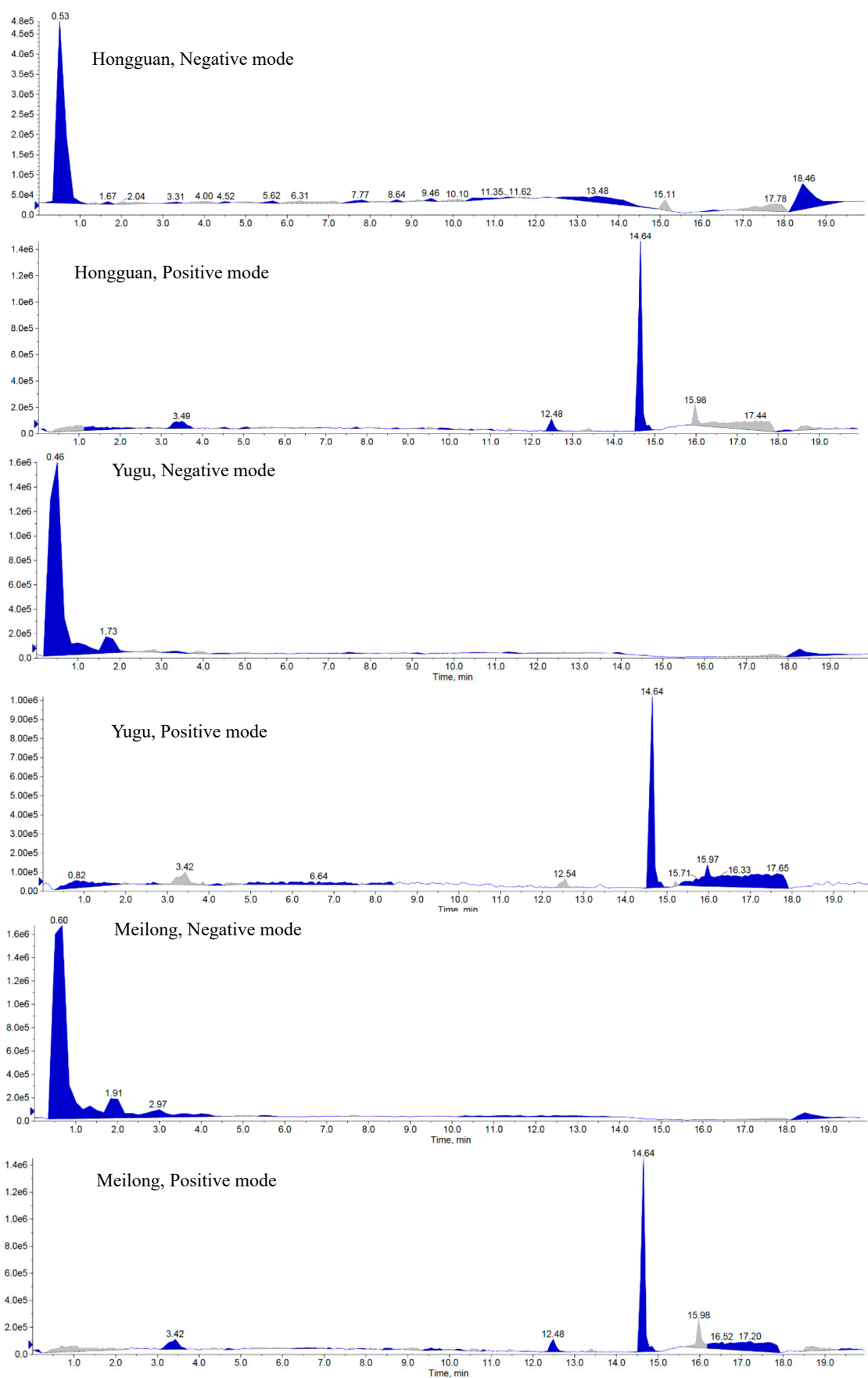


Figure S4 Total ion chromatogram of bound extracts of the pulp of six melon varieties analyzed by UHPLC-QQQ-MS in negative and positive modes.