

Supplemental figures

A practical strategy for chemical profiling of herbal medicines using ultra-high performance liquid chromatography coupled with hybrid triple quadrupole-linear ion trap mass spectrometry: a case study of Mori Cortex

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Fig. S1 Representative compounds for six types of Diels-Alder type adducts.

Fig. S2 MS² spectra, the chemical structures and the fragment ions assignment of morin-*di-O*-glucoside.

Fig. S3 MS² spectra, the chemical structures and the fragment ions assignment of morin-*di-O*-glucoside oxyresveratrol-*O*-glucoside.

Fig. S4 MS² spectra, the chemical structures and the fragment ions assignment of moracin M (A), moracin M-*O*-glucoside (B) and moracin M-*di-O*-glucoside (C).

Fig. S5 MS² spectra, the chemical structures and the fragment ions assignment of moracin O (A), moracin O-*O*-glucoside (B) and moracin O-*O*-xyloside (C).

Fig. S6 MS² spectra, the chemical structures and the fragment ions assignment of moracin P (A), and moracin P-*O*-glucoside (B).

Fig. S7 MS² spectrum of albafulan C (A) and the proposed mass fragmentation scheme under negative ionization (B).

Fig. S8 MS² spectrum of kuwanon C (A) and the proposed mass fragmentation scheme under positive ionization (B).

Fig. S9 MS² spectrum of sanggenol B (A) and the proposed mass fragmentation scheme under positive ionization (B).

Kuwanon L

Mulberrofuran C

Kuwanon P

Kuwanon Q

Guangsangon L

Dimoracin

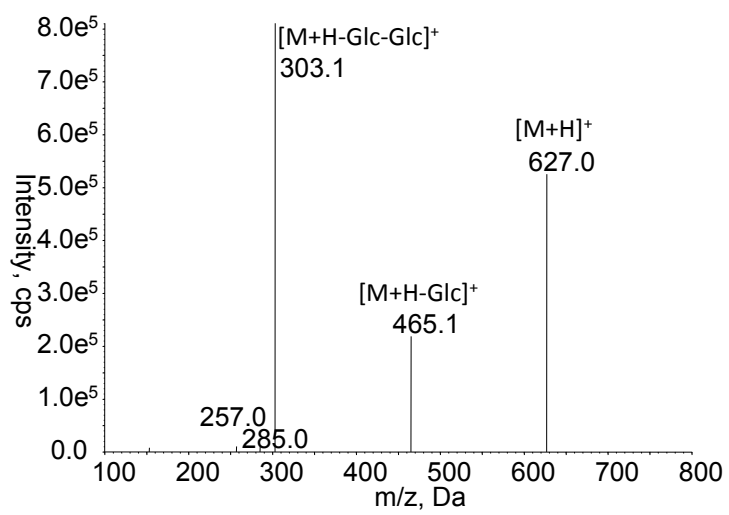


Fig. S2

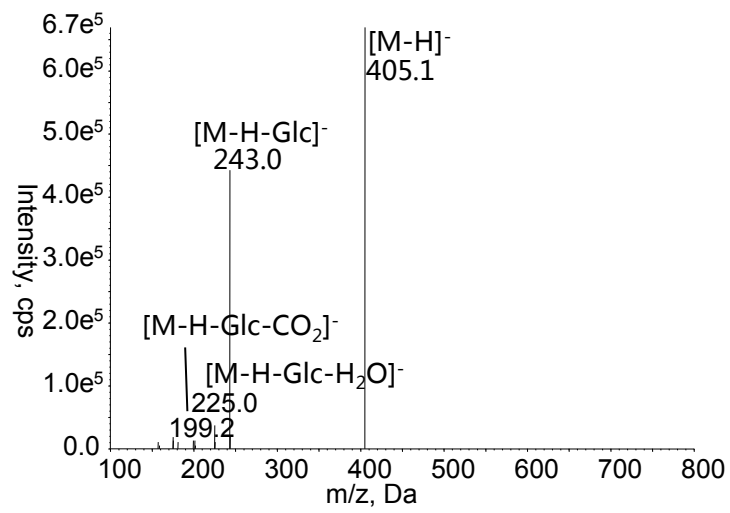


Fig. S3

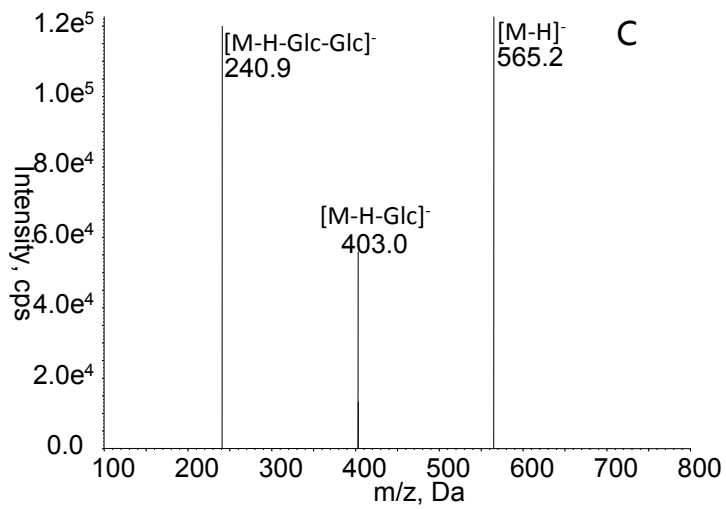
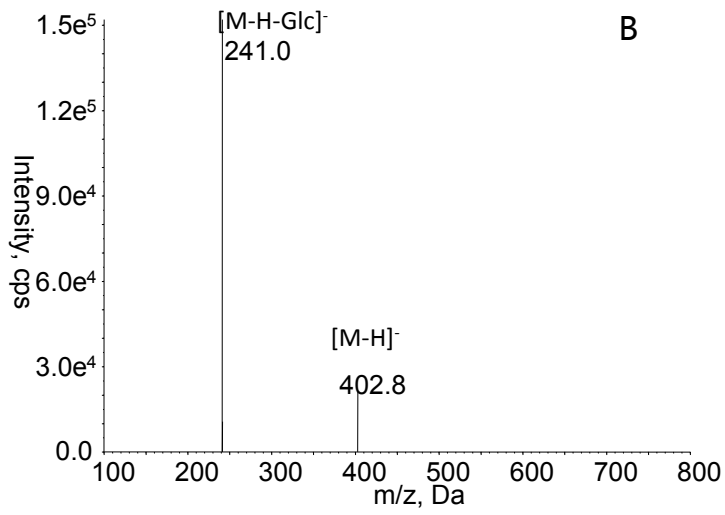
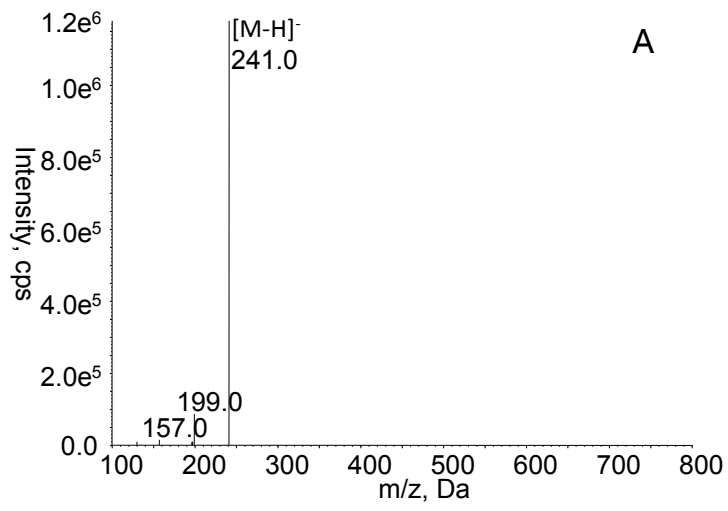


Fig. S4

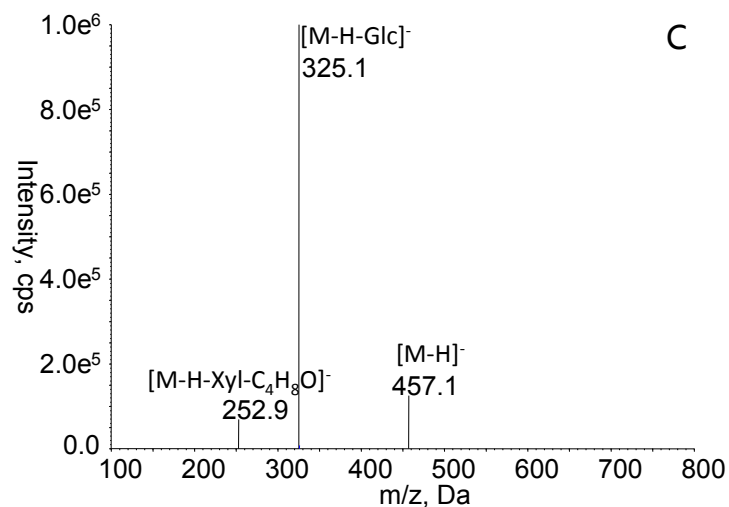
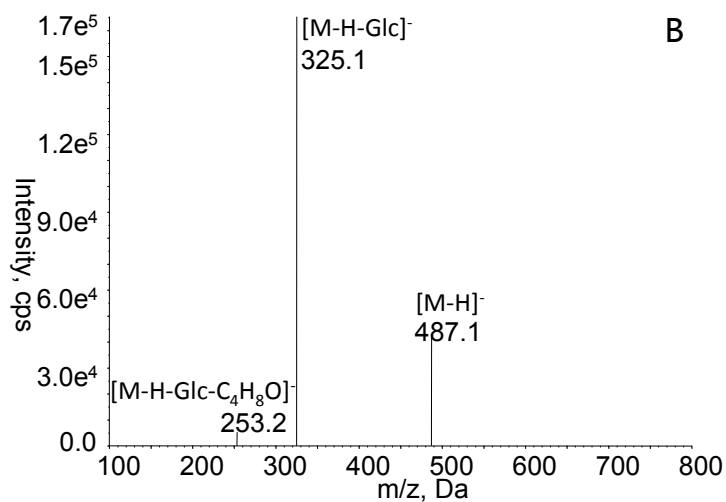
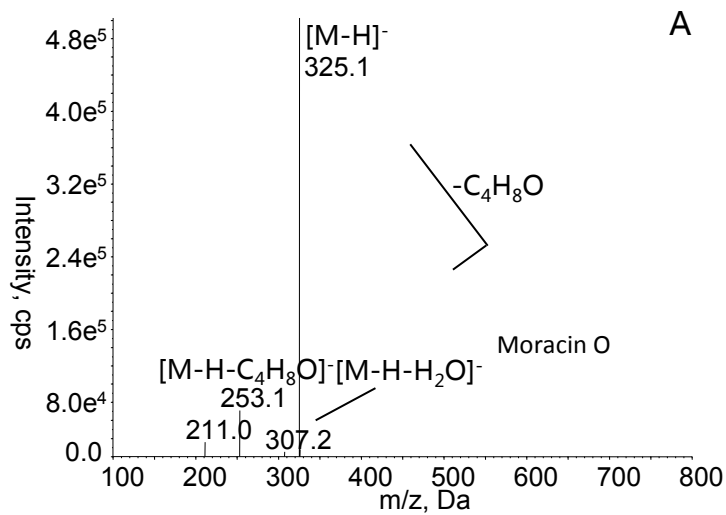


Fig. S5

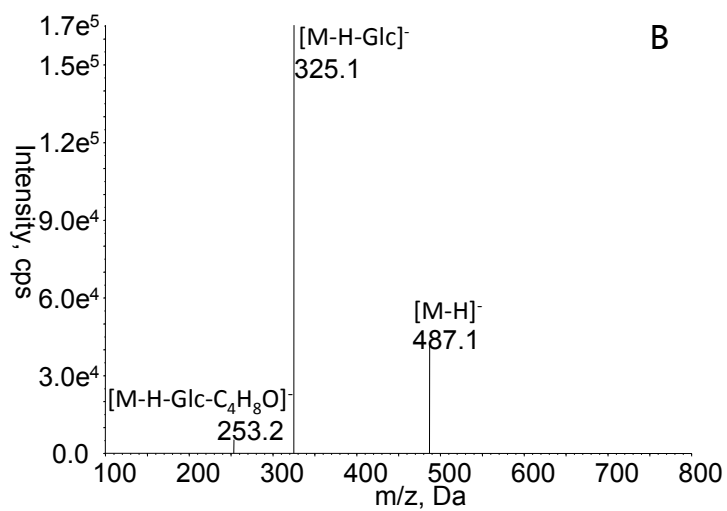
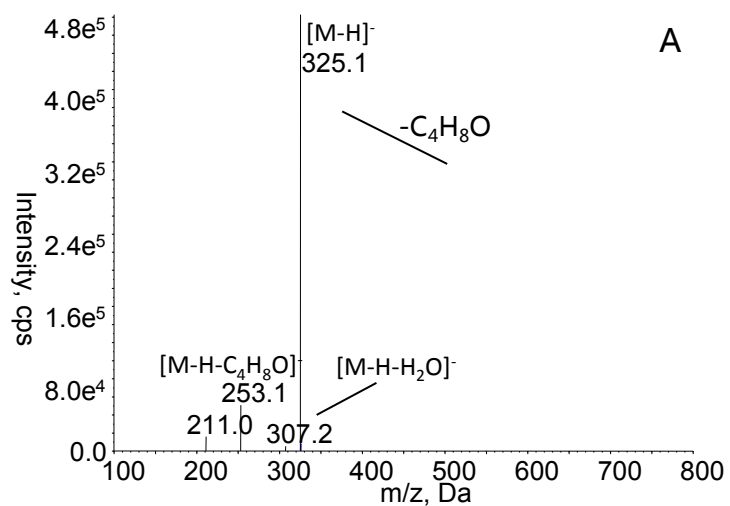


Fig. S6

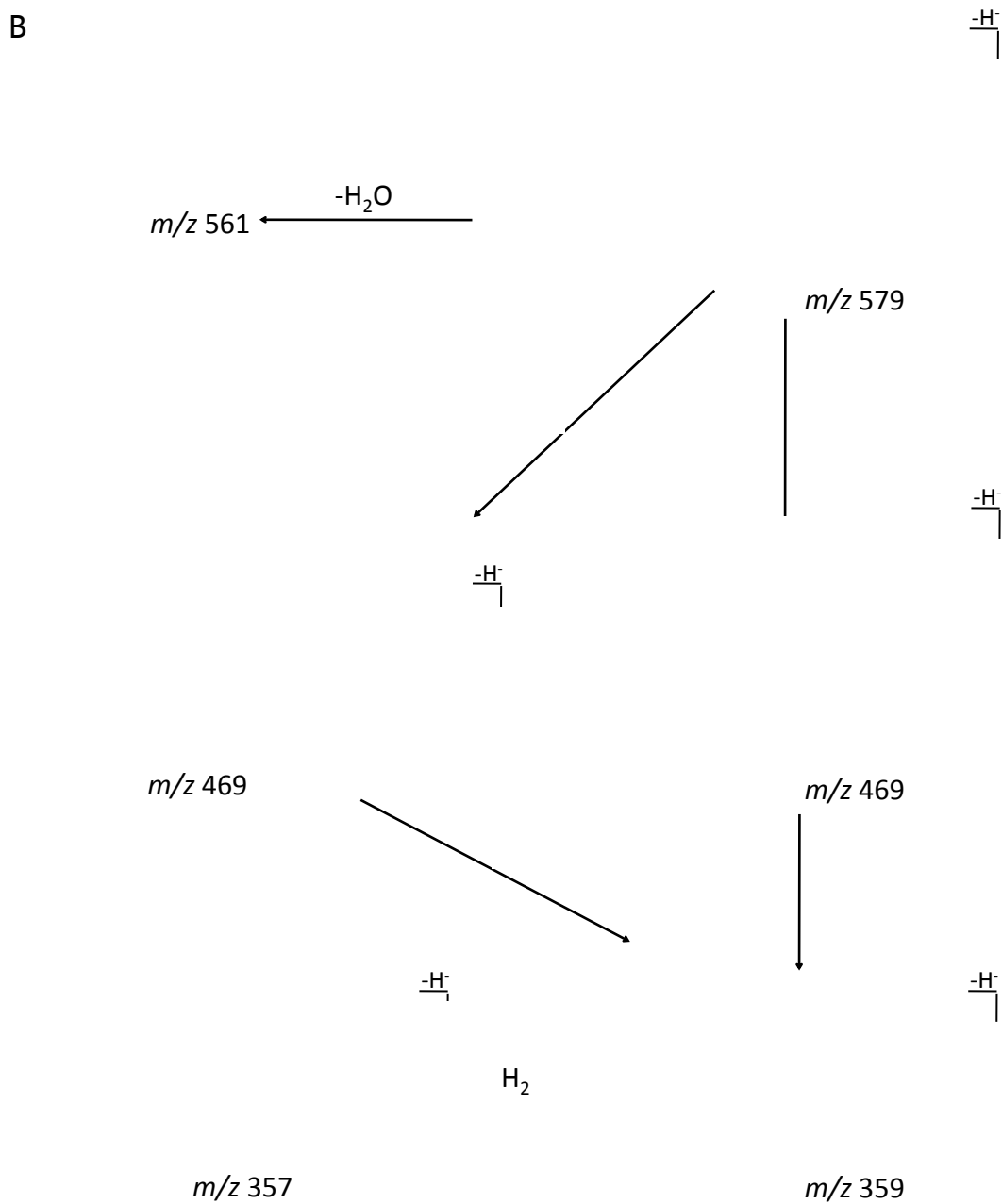
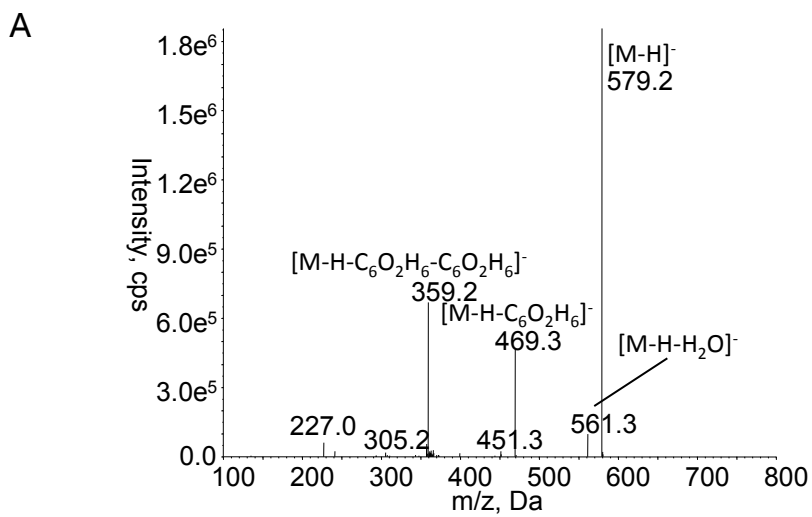


Fig. S7

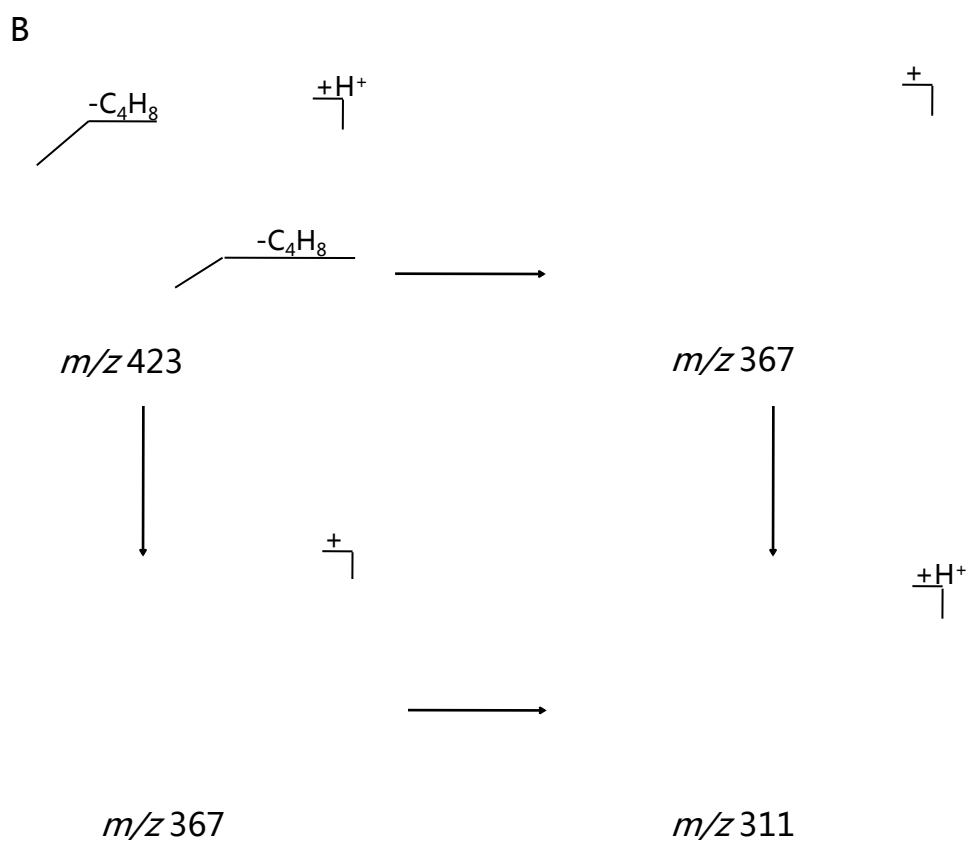
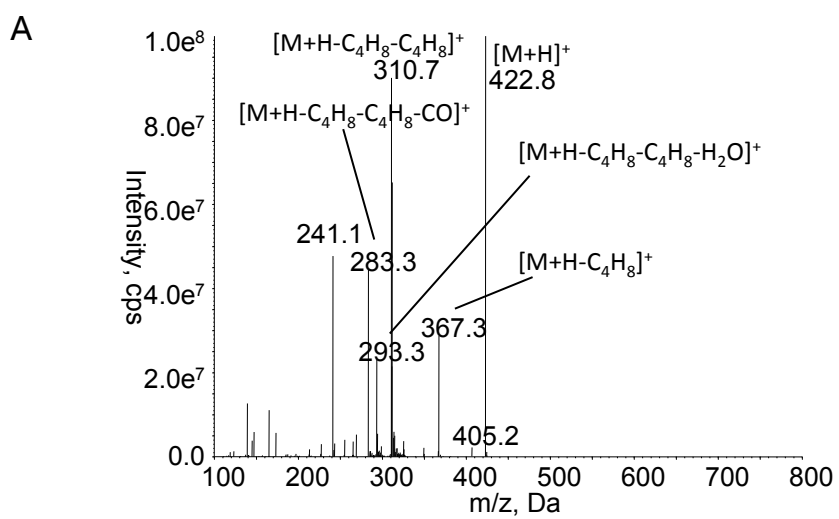
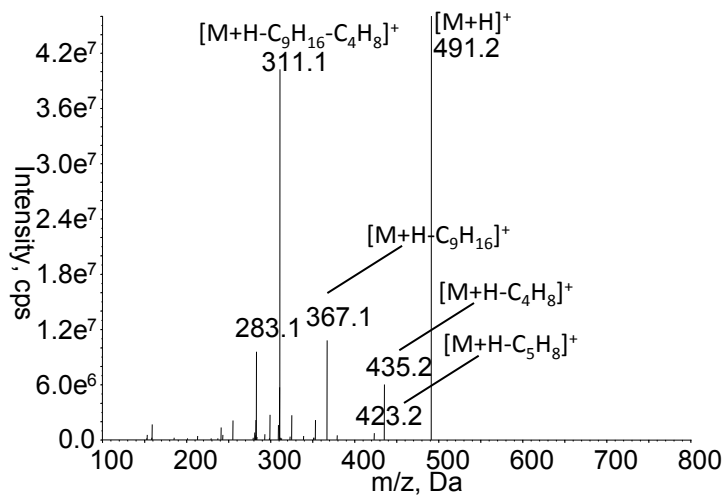


Fig. S8

A



B

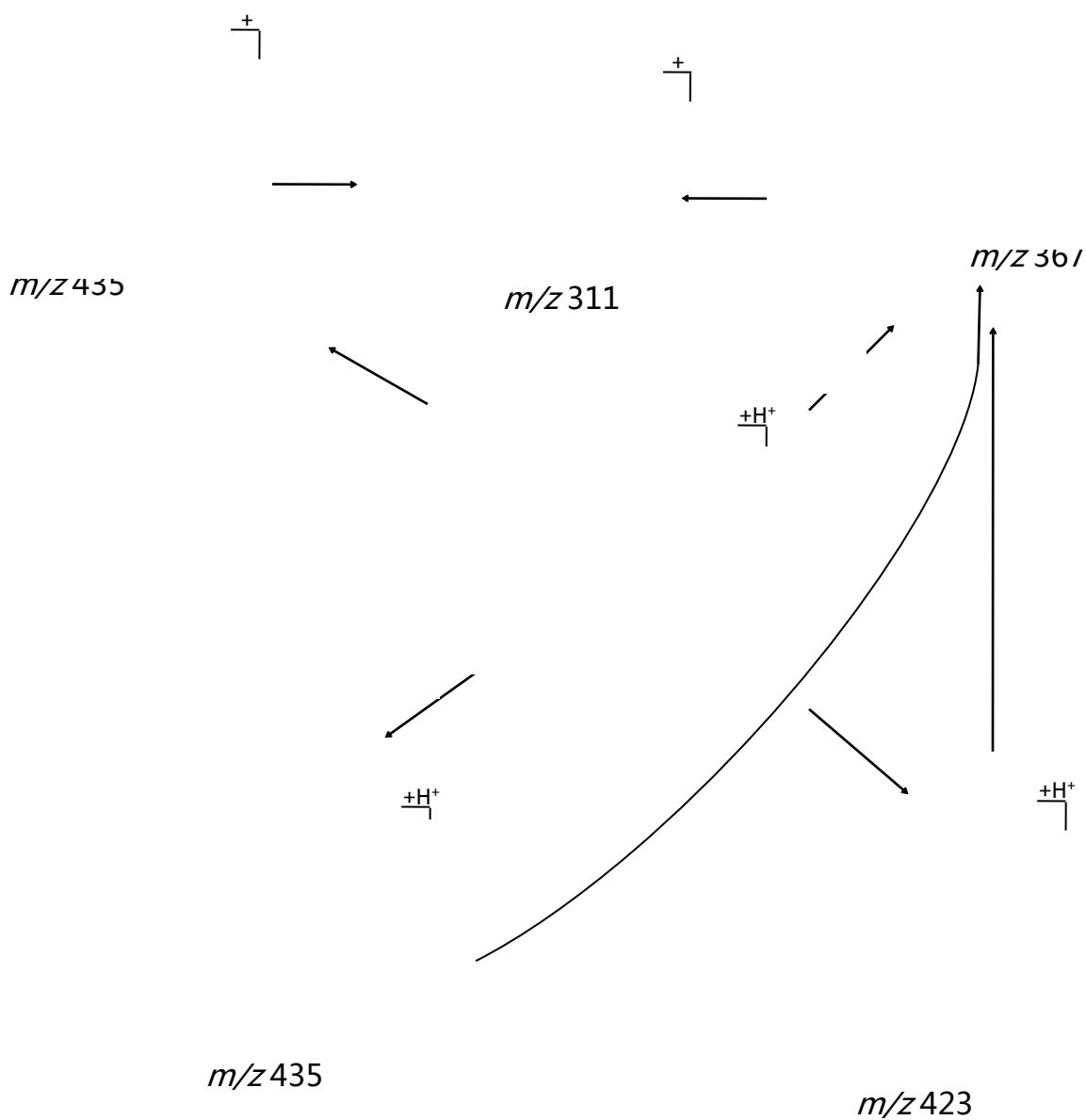


Fig. S9