Ionization characteristics of glycosides in direct analysis in real
time quadrupole-time of flight mass spectrometry

Hongmei Yang,* a,d Ge Gao, c Yihan Wang, a Jinrong Liu, b Zongjun Li d, Rui Su, a, b
Bing Wang, b Wenhui Lian, a Xinhua Guo b and Shuying Liu*, a, d

a Changchun University of Chinese Medicine, Changchun 130117, China.
E-mail: yanghm0327@sina.cn, syliu19@ciac.ac.cn

b Department of Chemistry, Jilin University, Changchun 130012, China.

c Department of pathology, China-Japan Union Hospital, Jilin University, Changchun
130033, China.

d Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, 5625
Renmin Street, Changchun 130022, China.


**Supplemental Information**

**Figure Legends**

**Fig. S1** Plots of influence of temperature on signal intensity. (a) 10 µg/mL 2-nitrophenyl β-D-galactopyranoside, (b) 10 µg/mL hyperoside, and (c) 10 µg/mL 2'-deoxyadenosine in positive ion mode.

**Fig. S2** He-DART mass spectra of 10 µg/mL hyperoside at different fragmentor voltages. (a) fragmentor voltage: 10 V; (b) fragmentor voltage: 50 V; (c) fragmentor voltage: 100 V; (d) fragmentor voltage: 200 V; (e) fragmentor voltage: 300 V; (f) fragmentor voltage: 400 V.
Fig. S1

(a) 

(b) 

(c)
Fig. S2