Profile of Polyphenol Compounds of Five Muscadine Grapes Cultivated in the United States and in Newly Adapted Locations in China

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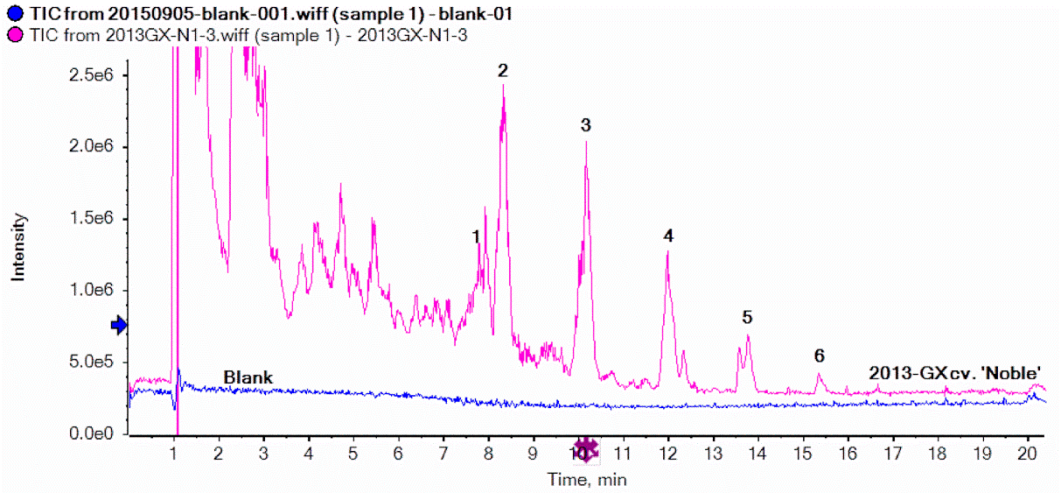

Figure S1. The total ion chromatogram (TIC) of blank and skin Guangxi cv. 'Noble' in 2013 season. Polyphenols: 1 = Ducheside A; 2 = Ellagic acid; 3 = Myricetin; 4 = Quercetin; 5 = Kaempferol; 6 = Tri-*O*-methyl-ellagic acid.

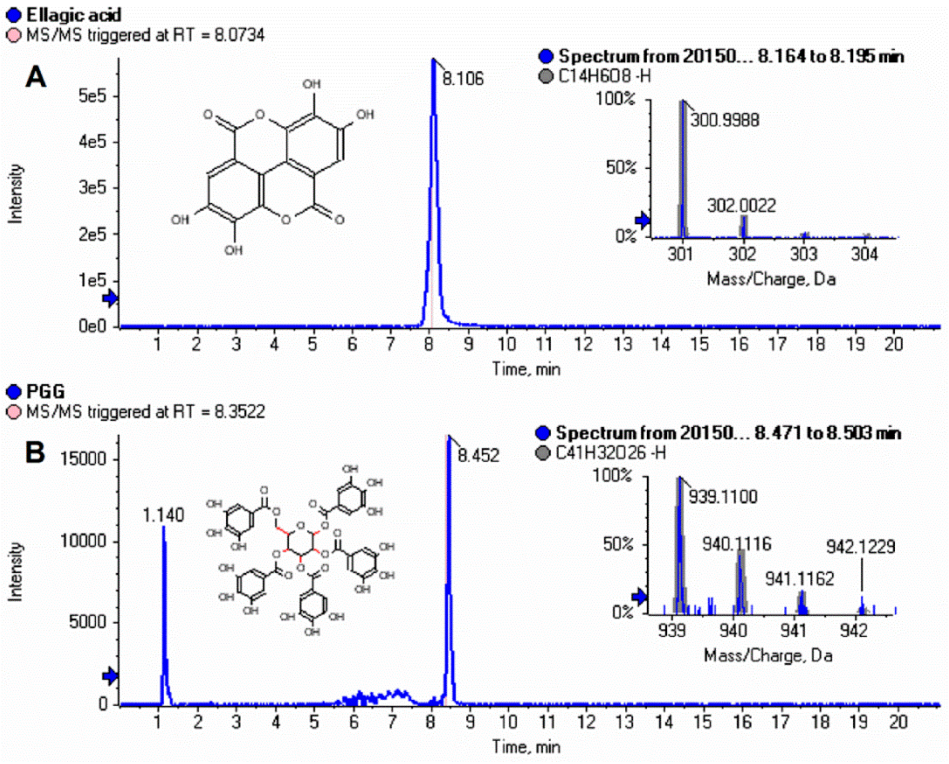

Figure S2. The retention time, molecular structural formula and isotope deprotonated ions of Ellagic acid (A) and Penta-*O*-galloyl-glucose (PGG) (B) obtained by ultra performance liquid chromatography tandem triple quadrupole time-of-flight mass spectrometry (UPLC Triple TOF-MS/MS).

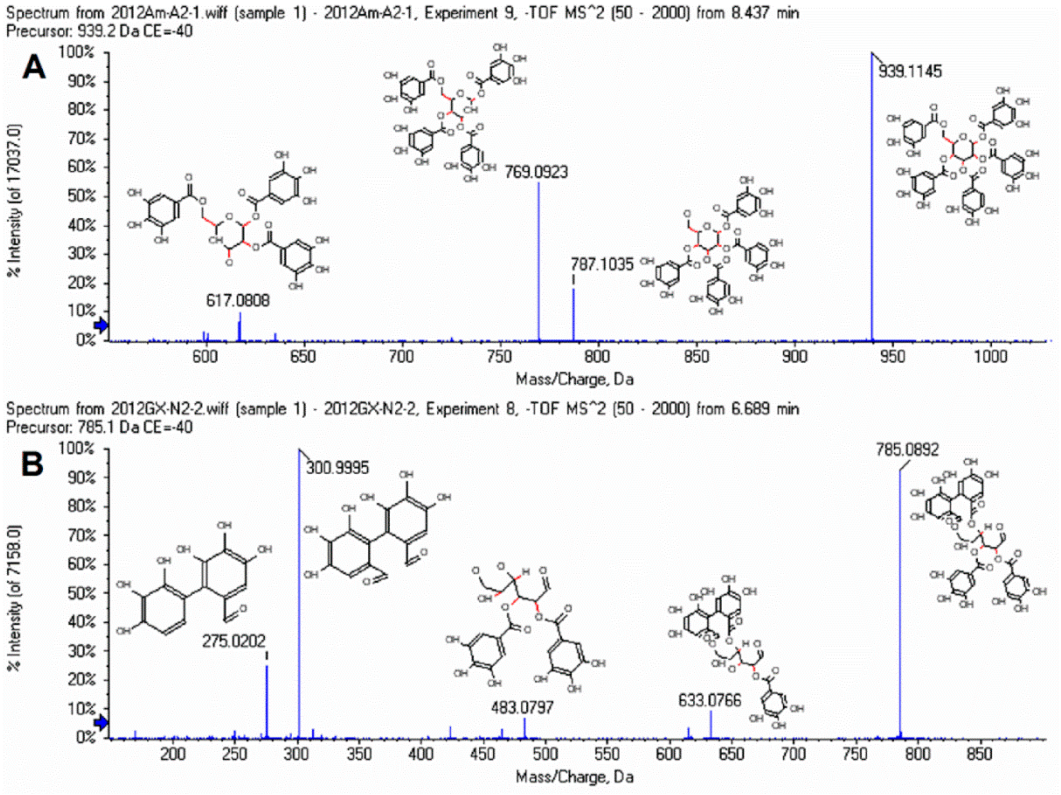

Figure S3. The fragmentation pattern of deprotonated ions of Penta-*O*-galloyl-glucose (PGG) (A) and Tellimagrandin I (B) obtained by UPLC Triple TOF-MS/MS.