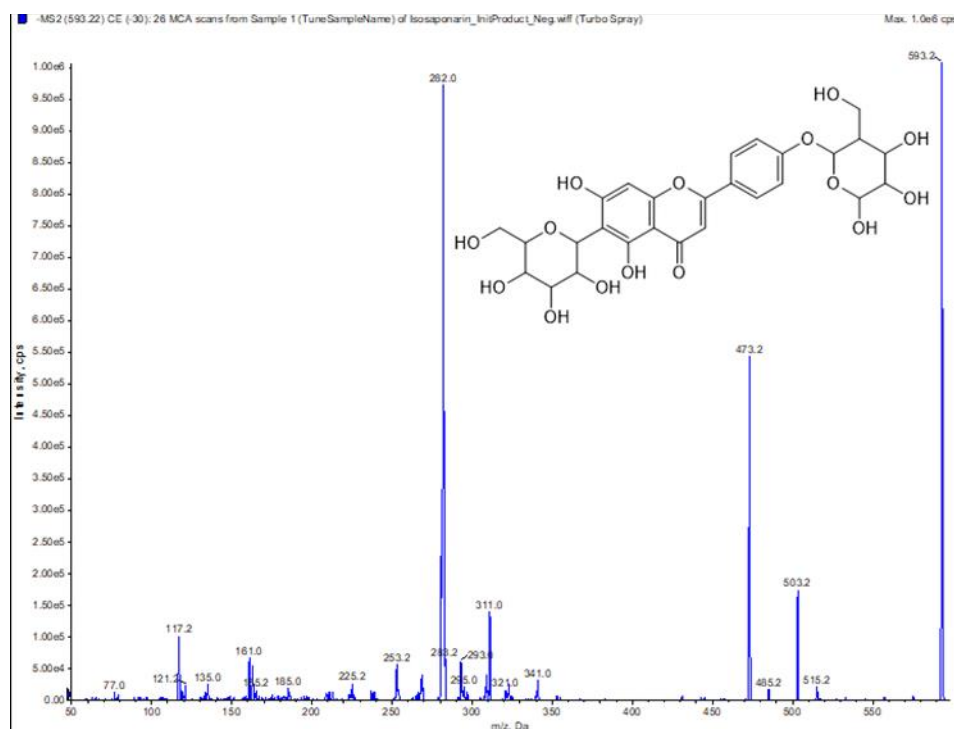


**Figure S1.** The chromatogram in the Multiple Reaction Monitoring (MRM) mode of phenolic acids, flavonoid aglycones and glycosides in the WJA extract: 1- chlorogenic acid; 2- *p*-coumaric acid; 3- sinapic acid; 4 – isosaponarin; 5 - luteolin 3',7'-diglucoside; 6 – rutin; 7 – isovitexin/vitexin; 8 -luteolin-7-*O*-glucoside; 9 - isoquercetin; 10 - kaempferol-3-*O*-rutinoside; 11-narcissoside; 12 - astragalin; 13 - isorhamnetin-3-*O*-glucoside; 14 - apigenin 7-*O*-glucoside.



**Figure S2.** Mass spectra of isosaponarin by ESI in negative mode.