Supplementary Material (ESI) for Analyst

Supporting Information

Direct Analysis of *Stevia* Leaves by Desorption Electrospray Ionization Mass Spectrometry

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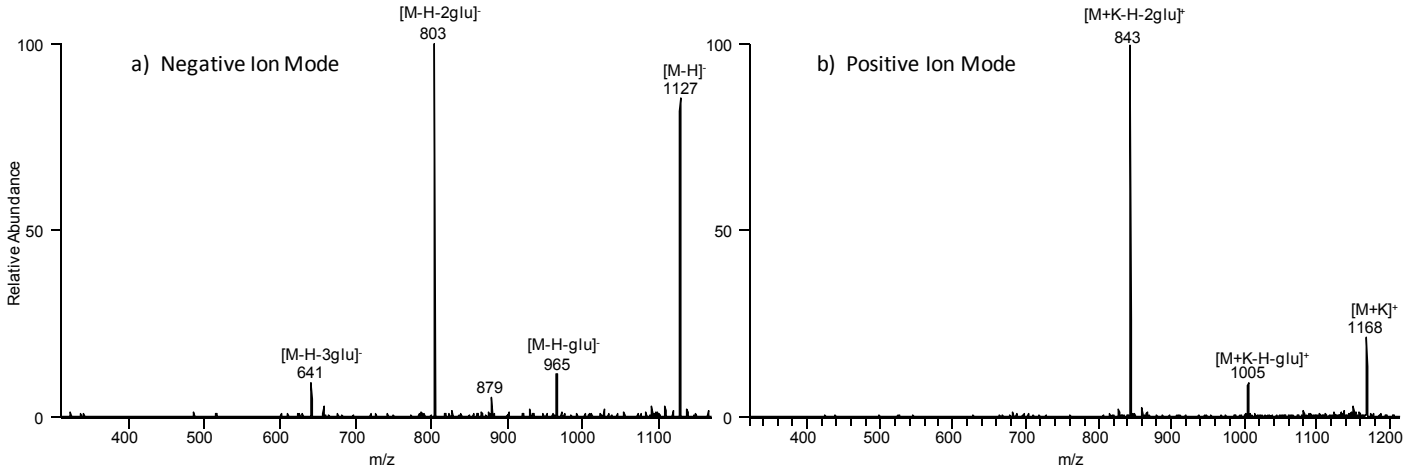
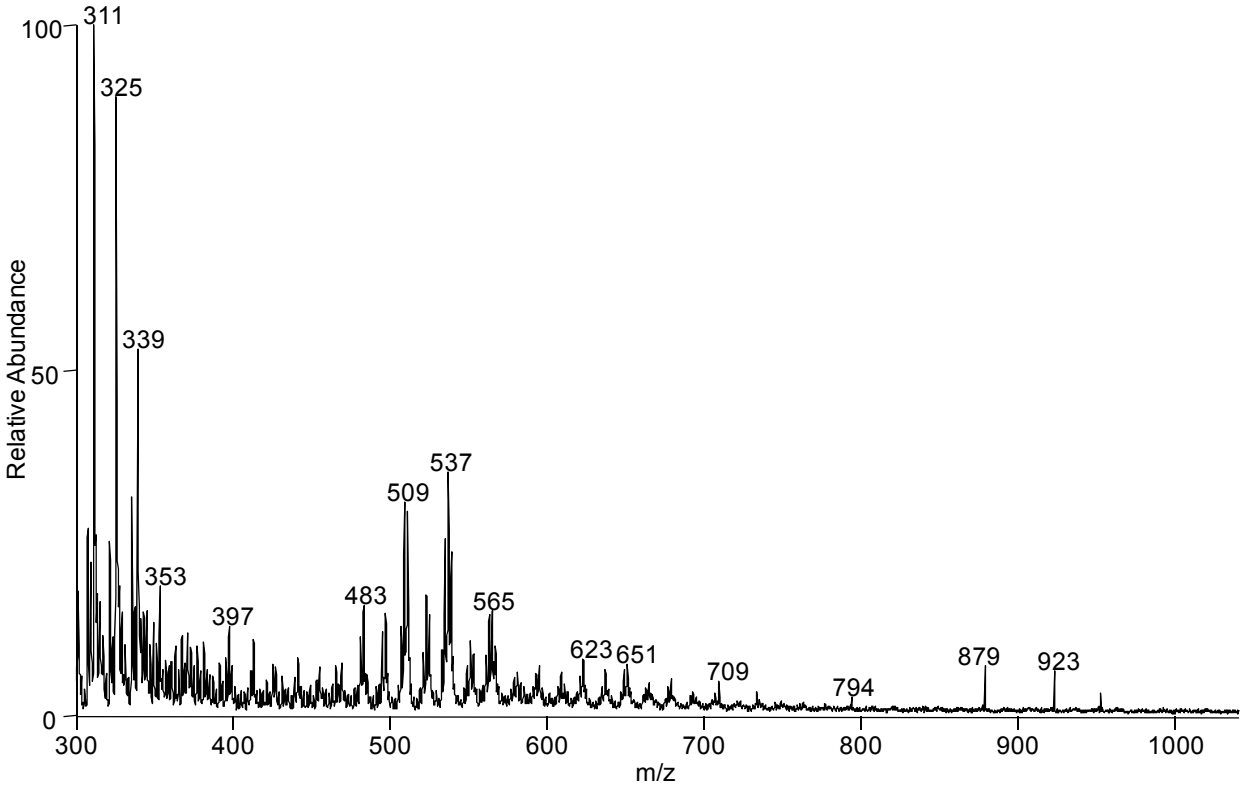
Abstract: Additional information regarding tandem MS spectra and details of the reactive DESI experiments are provided.



Supplemental Figure 1 Tandem MS spectra confirming the detection of rebuadioside D directly from Stevia leaves in the **a)** negative and **b)** positive ion modes by DESI using MeOH:H_2O (20:80)



Supplemental Figure 2 DESI-MS of stevia leaf fragment in the negative ion mode illustrating an enhance fatty acid and lipid region with the use of a MeOH:Hexane (2:1) spray solvent.