
SUPPLEMENTARY INFORMATION

Phytochemical Screening and Bioactivities of Cactaceae Family Members Endemic to Mexico

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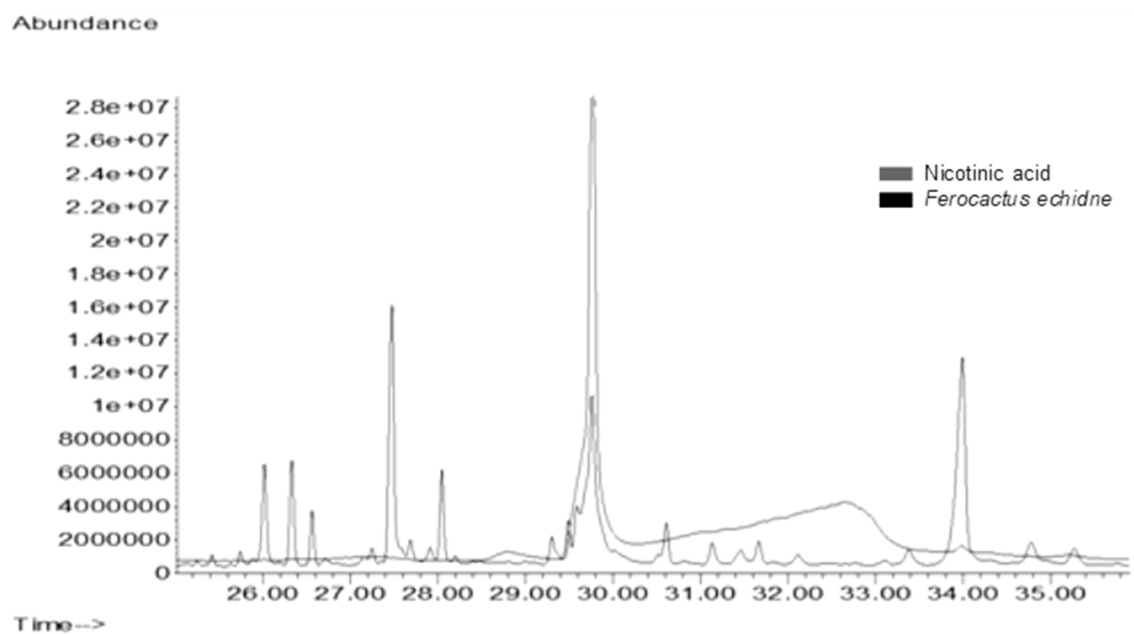


Figure S1. Comparison of the chromatograms of the ethanol extract of *Ferocactus echidne* and niacin.

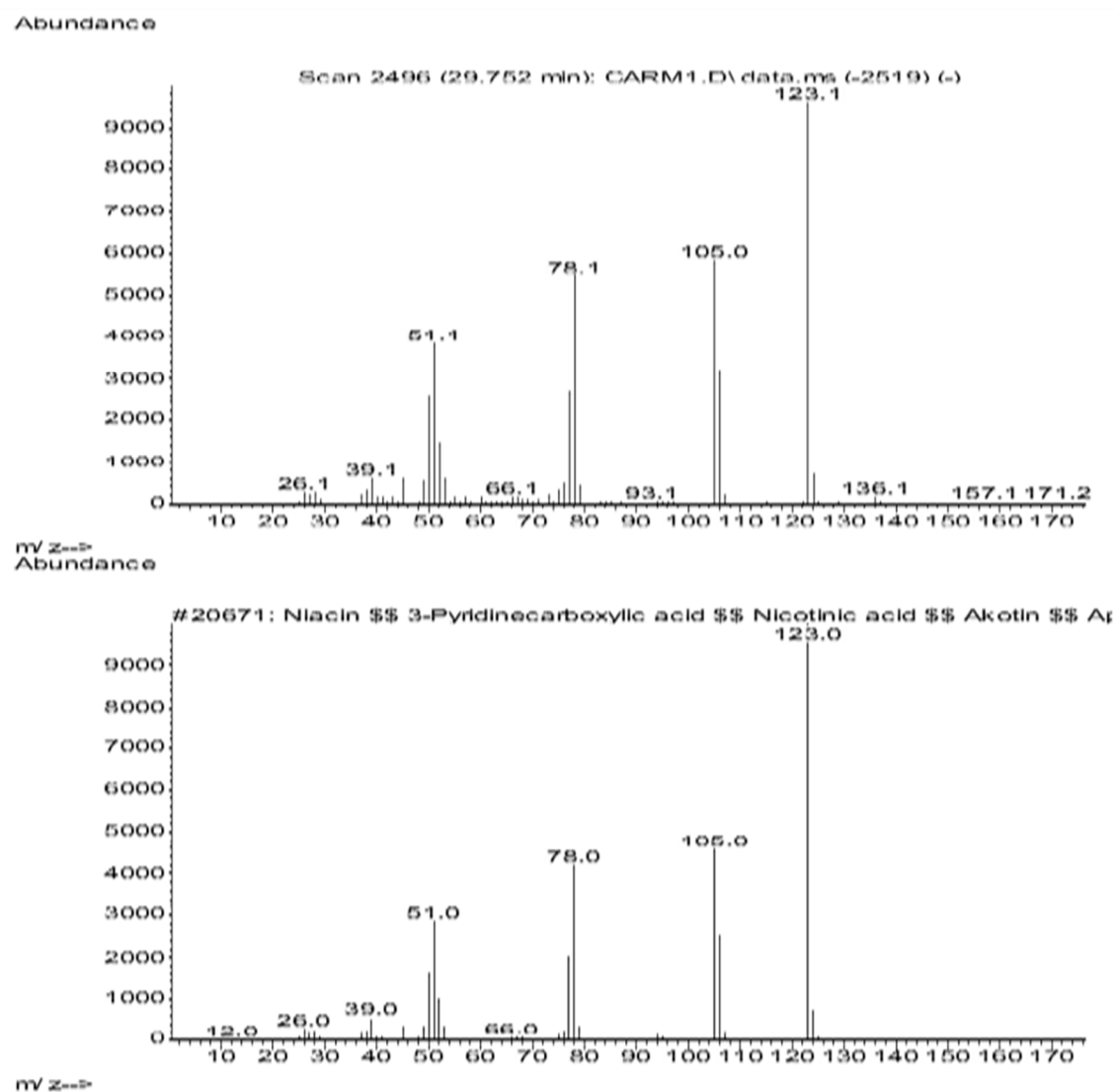


Figure S2. Comparison of mass spectra of the ethanol extract of *Ferocactus echidne* sample (up) with the W10N11 database (bottom), showing that it corresponds to niacin.

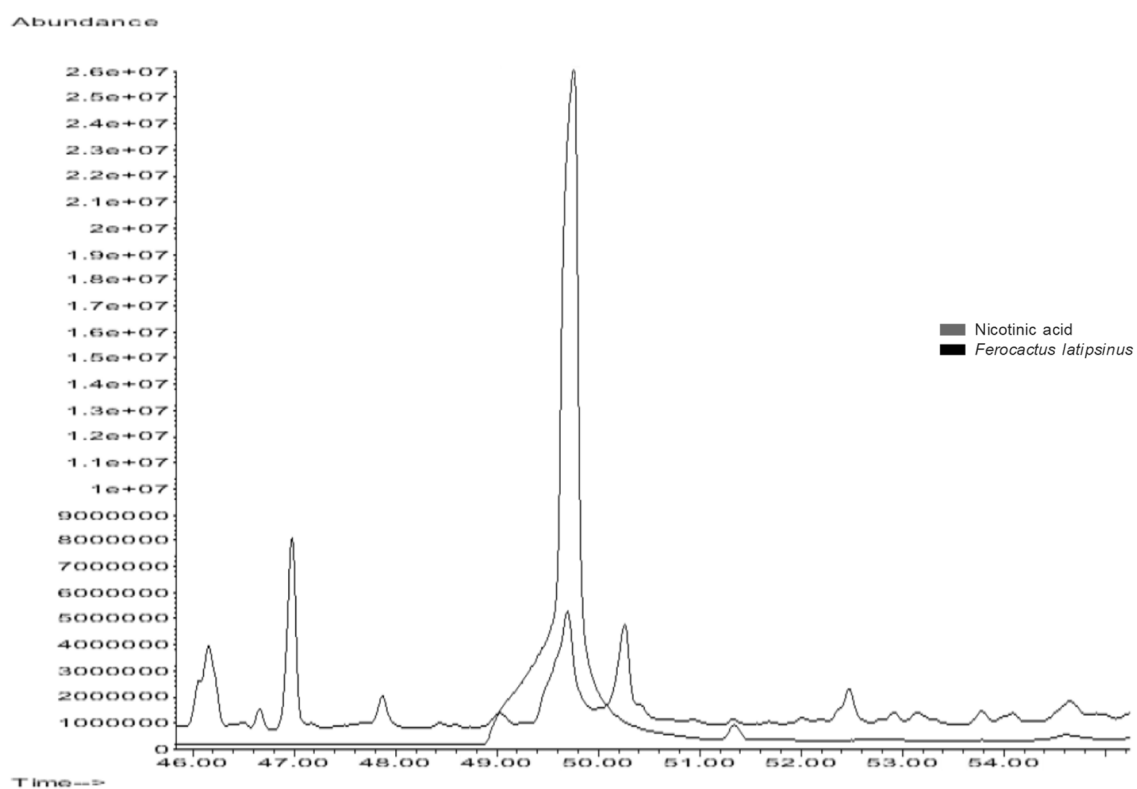


Figure S3. Comparison of the chromatograms of the ethanolic extract of *Ferocactus latispinus* and niacin.

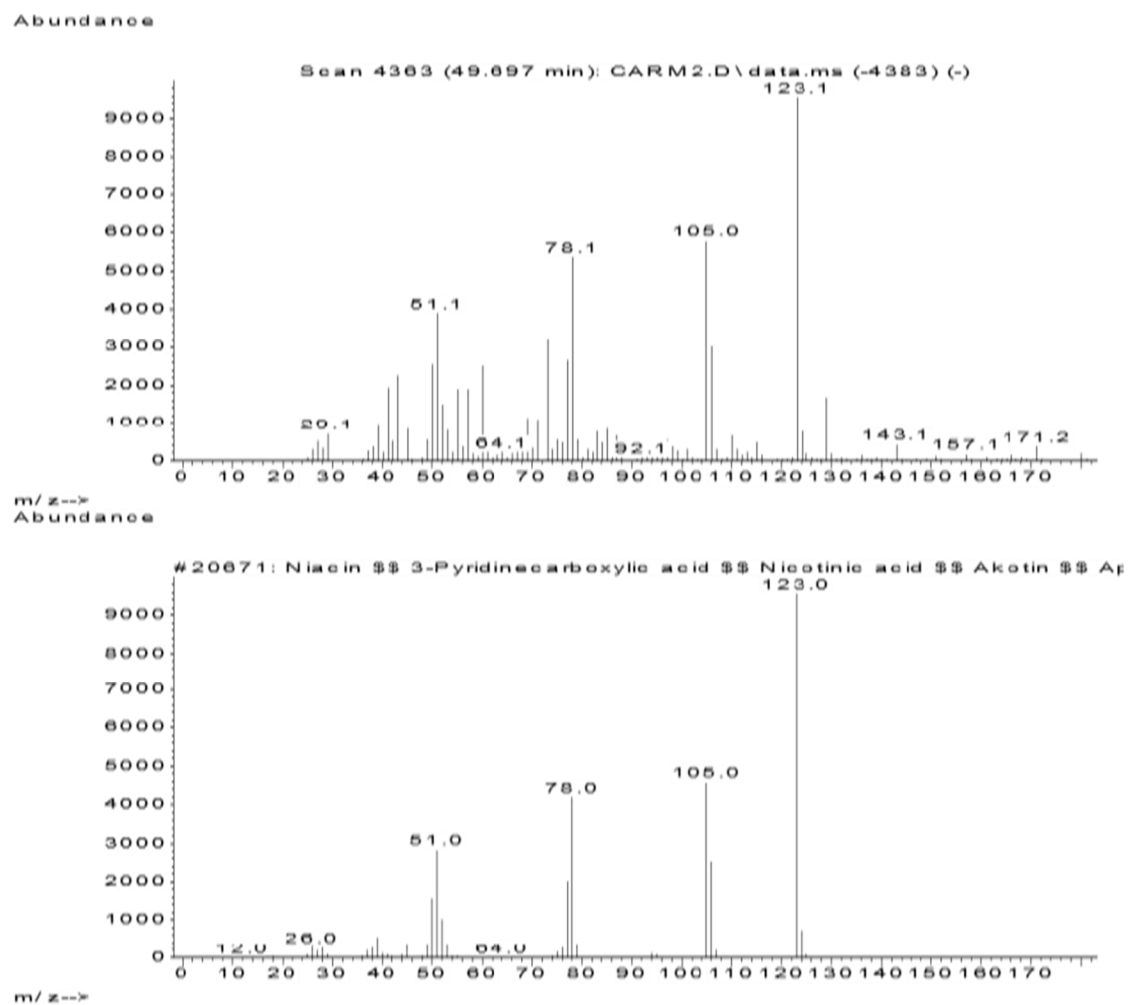


Figure S4. Comparison of mass spectra of the ethanolic extract of *Ferocactus latispinus* sample (top) with the W10N11 database (bottom), showing that it corresponds to niacin.

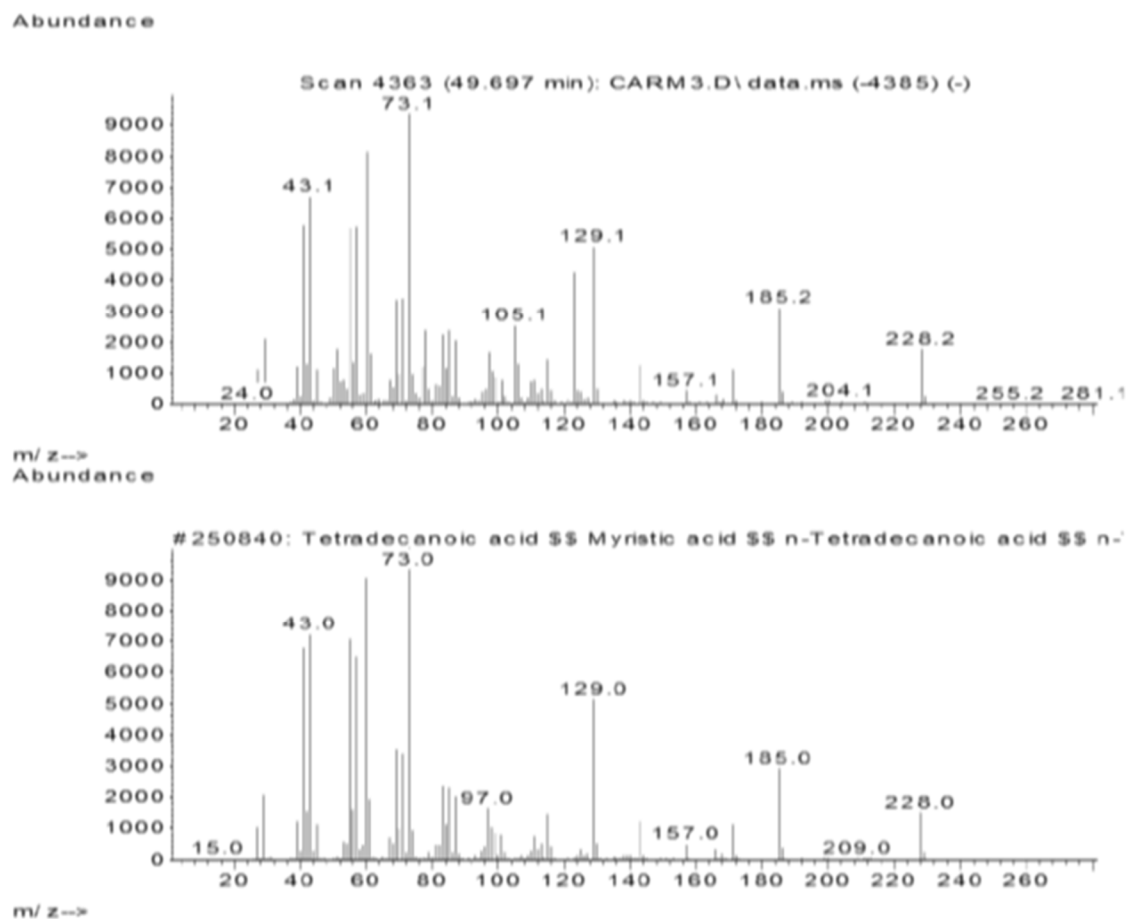


Figure S5. Comparison of the compound's mass spectra detected at 49.7 min of the *Mammillaria geminisipina* sample (top) with the W10N11 database (bottom), showing that it corresponds to myristic acid.