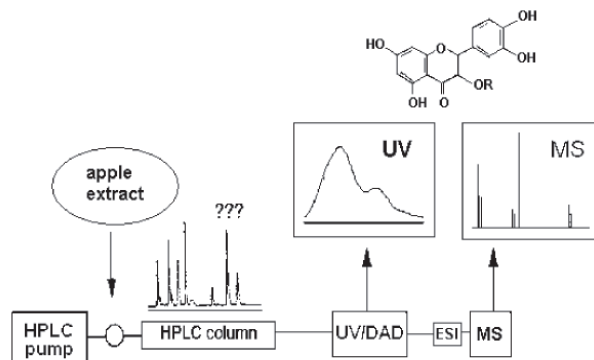


## On-line LC/UV/MS Analysis of Flavonols in the Three Apple Varieties Most Widely Cultivated in Brazil

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**Figure S1.** Schematic representation of the experimental setup used for LC/UV/MS analysis.

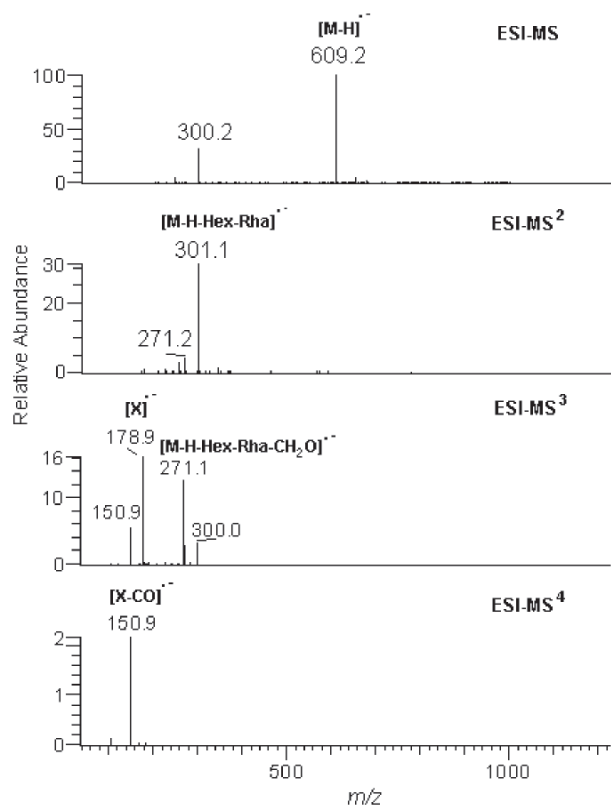
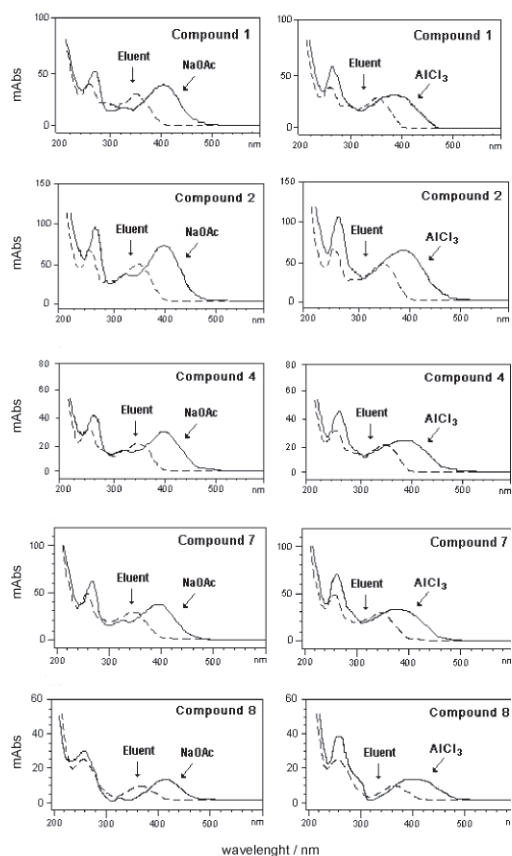
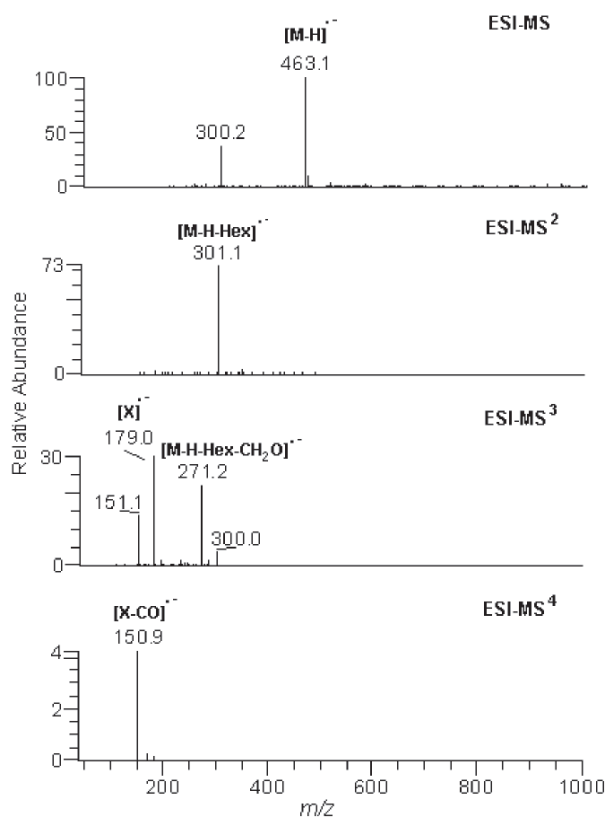
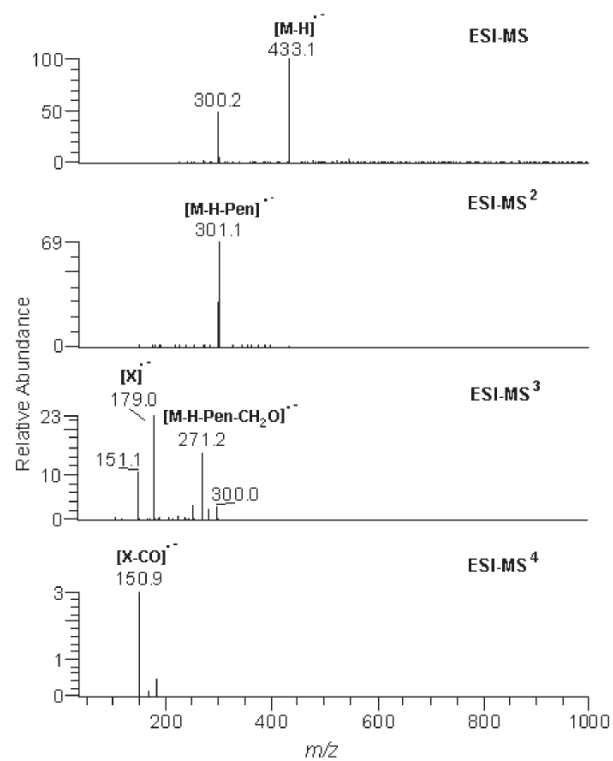
Figure S2. ESI-MS<sup>n</sup> spectra of 1 (rutin).

Figure S3. UV/PAD and shifted-UV spectra of compounds 1, 2, 4, 7, 8 recorded on-line.

Figure S4. ESI-MS<sup>n</sup> spectra of 2 (hyperoside) and 3 (isoquercitrin).Figure S5. ESI-MS<sup>n</sup> spectra representative of the quercetin-3-O-pentosides (4, 5 and 6).

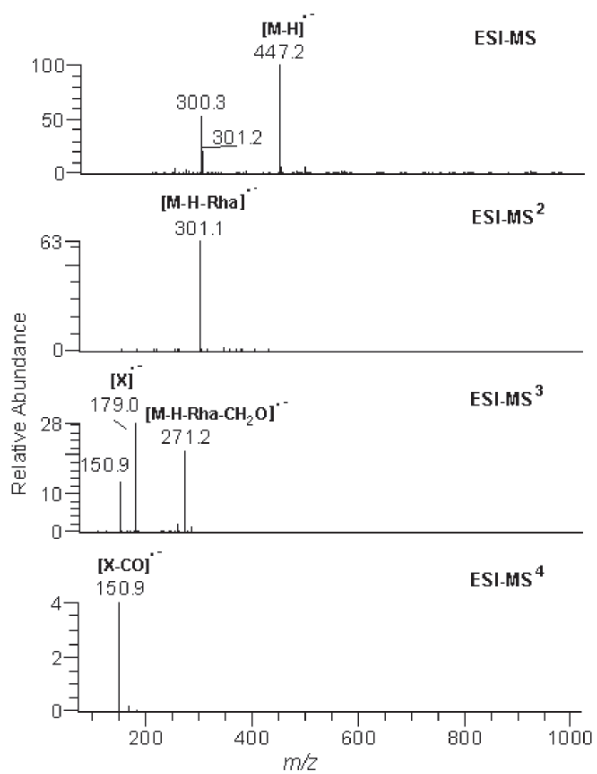


Figure S6. ESI-MS<sup>n</sup> spectra of 7 (quercitrin).

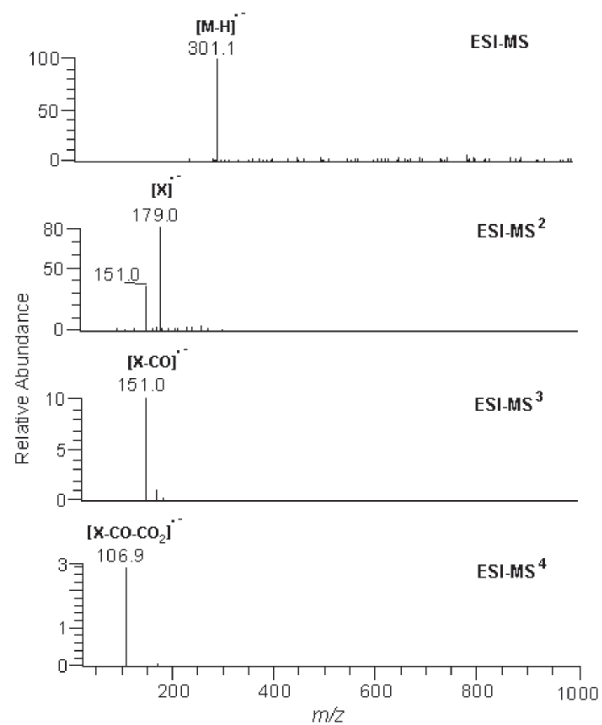


Figure S7. ESI-MS<sup>n</sup> spectra of 8 (quercetrin).