

Supplementary Materials: Development and Application of a QuEChERS-Based Liquid Chromatography Tandem Mass Spectrometry Method to Quantitate Multi-Component *Alternaria* Toxins in Jujube

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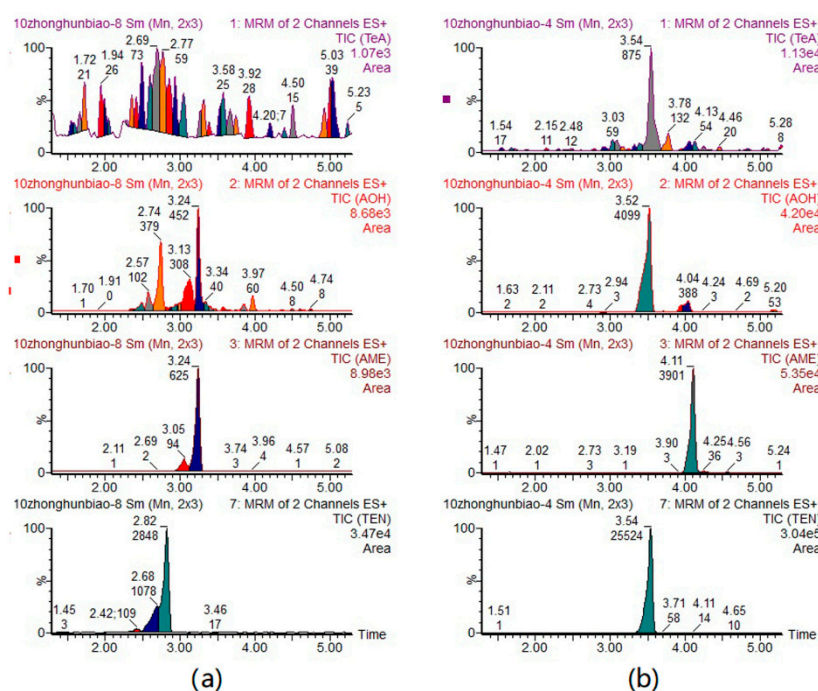


Figure S1. Optimization of chromatographic column for the four analytes. (a) Waters Acquity Ultra-Performance Liquid Chromatography (UPLC) Ethylene Bridged Hybrid (BEH) C18 column (1.8 μm, 2.1 × 100 mm); (b) Waters Acquity UPLC High Strength Silica (HSS) T3 column (1.8 μm, 2.1 × 100 mm).

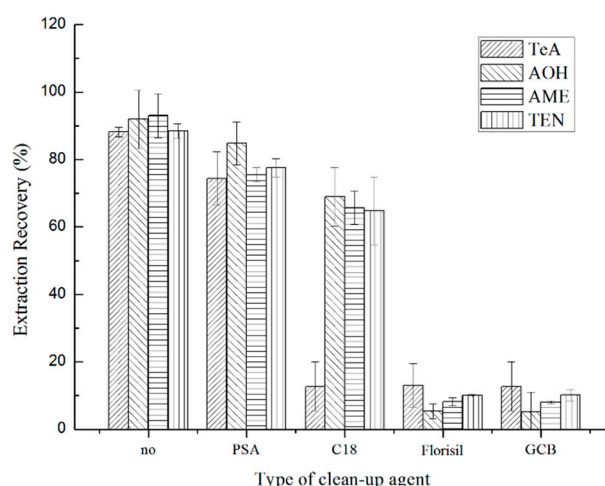


Figure S2. Effect of the type of clean-up agent on the extraction recoveries (ERs%) of four *Alternaria* toxins: tenuazonic acid (TeA), alternariol (AOH), alternariol monomethyl ether (AME), and tentoxin (TEN).

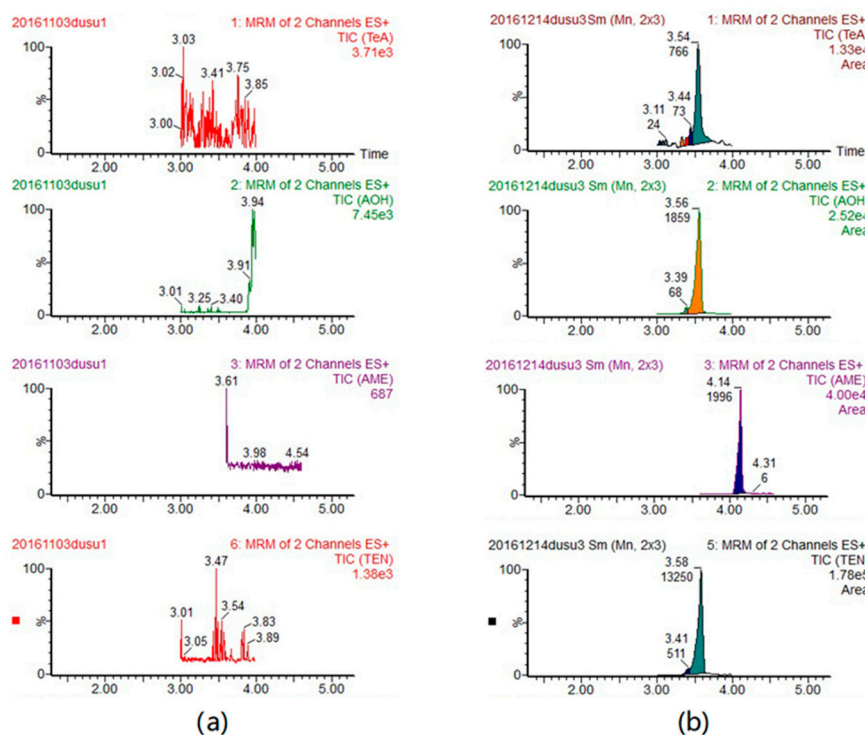


Figure S3. The UPLC-tandem mass spectrometry (MS/MS) chromatograms of the blank (a) and spiked (b) (80 µg kg⁻¹) jujube sample (S-7).