

**Detection of VM55599 and Pre-paraherquamide from *Aspergillus japonicus* and  
*Penicillium fellutanum*: Biosynthetic Implications**

***SUPPORTING INFORMATION***

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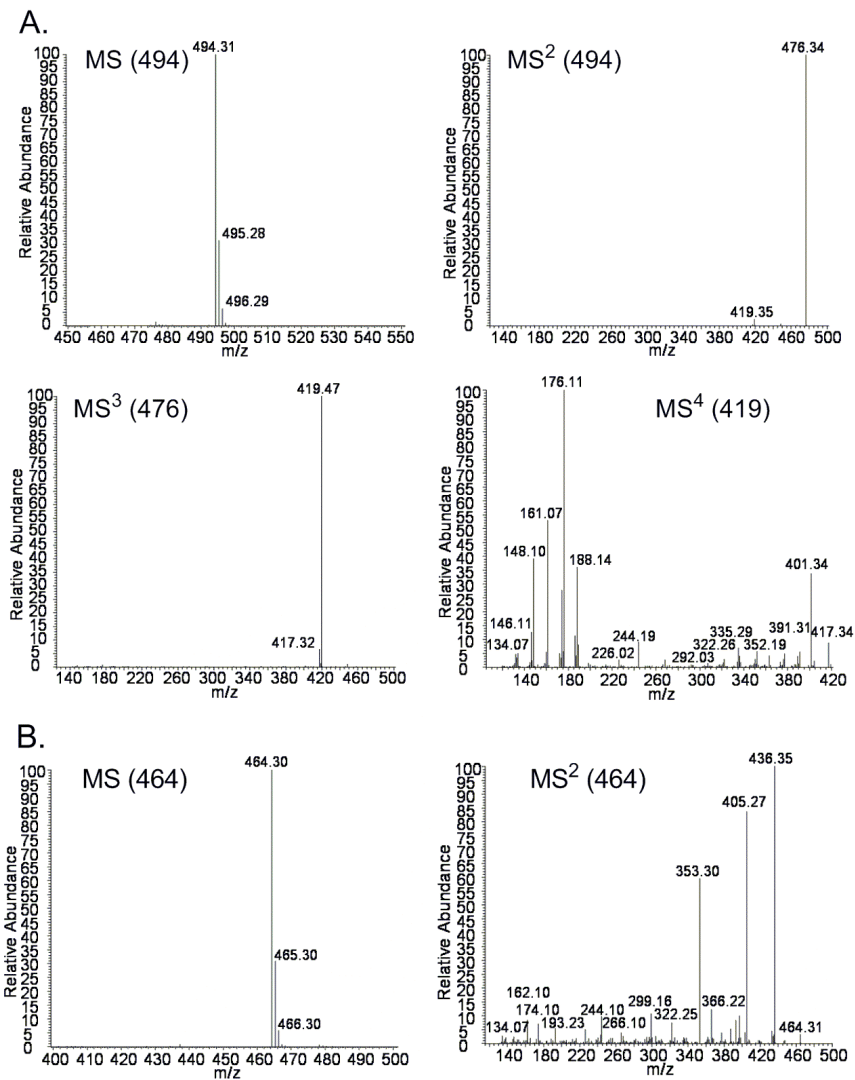
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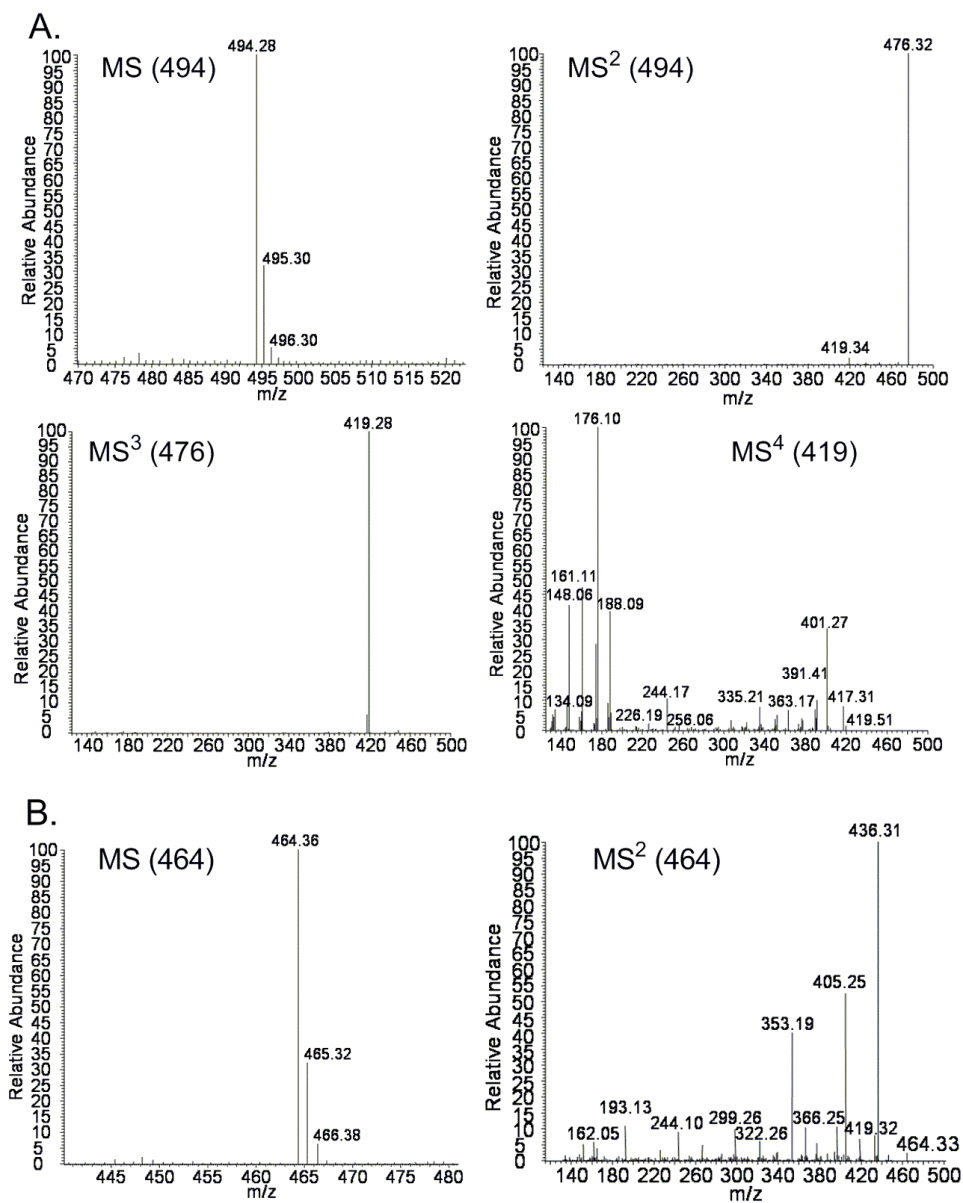
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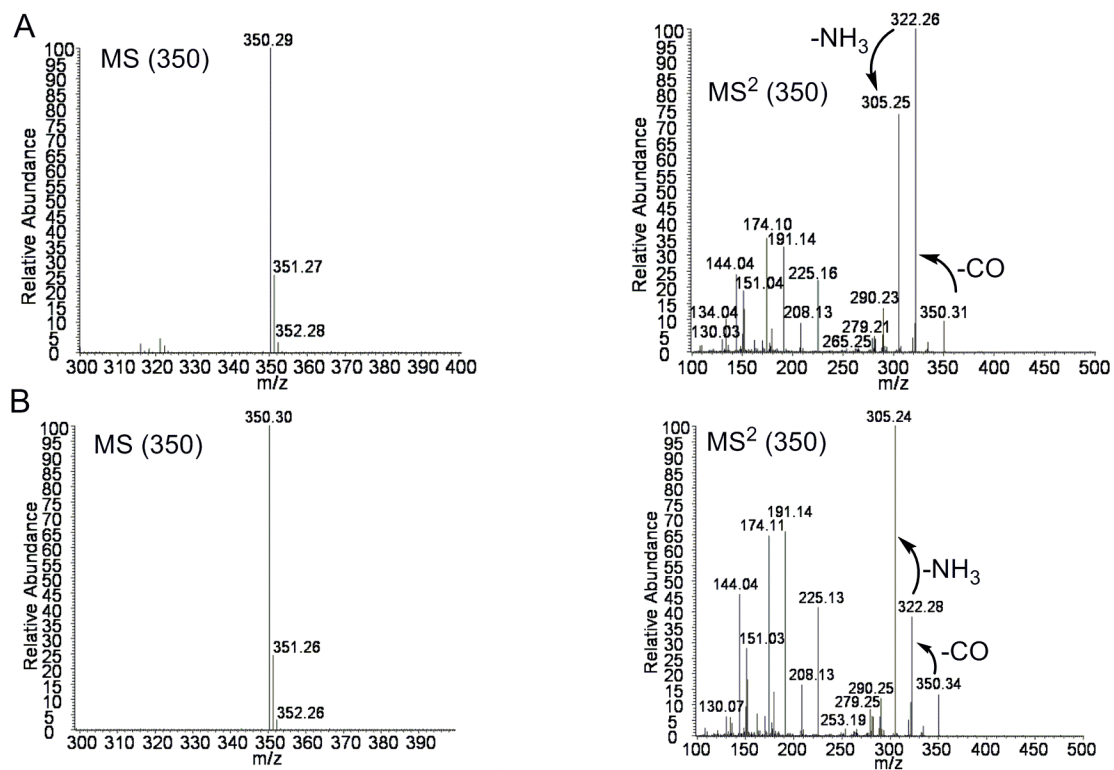
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**Figure S1.**  $MS^n$  spectra of authentic paraherquamide A (6) (A) and authentic paraherquamide B (B). These spectra were used to identify both compounds in extracts from isolations of *P. fellutanum* and *A. japonicus* JV-23.



**Figure S2.** MS<sup>n</sup> spectra of two metabolites at 14.45 min (**A**) and at 14.88 min (**B**) from the extract from *A. japonicus* JV-23. These metabolites were identified as paraherquamide A (**6**) (Rt = 14.45 min) and paraherquamide B (Rt = 14.88 min) by comparing their MS<sup>n</sup> spectra to those of authentic compounds.



**Figure S3.** MS and MS<sup>2</sup> spectra of authentic VM55599 (**4**) (A) and authentic pre-paraherquamide (**5**) (B). These spectra were used to identify VM55599 (**4**) and pre-paraherquamide (**5**) in extracts from isolations of *P. fellutanum* and *A. japonicus* JV-23.