

Supplementary Materials: Valorization of the red algae *Gelidium sesquipedale* by extracting a broad spectrum of minor compounds using green approaches

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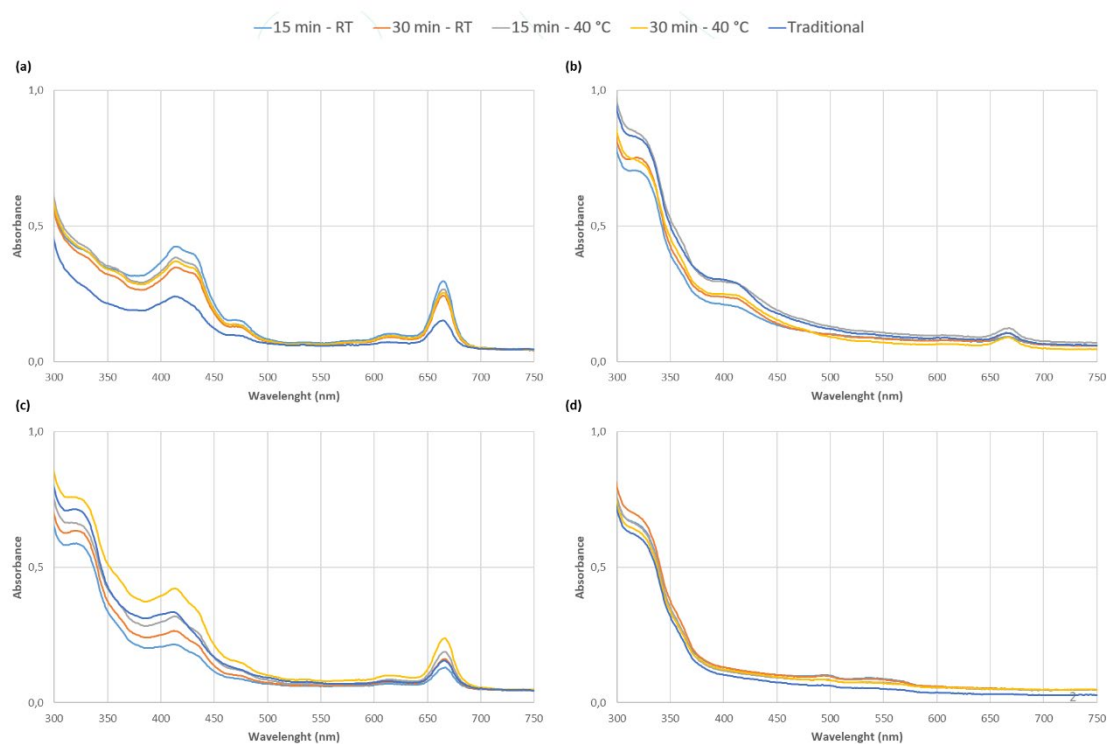
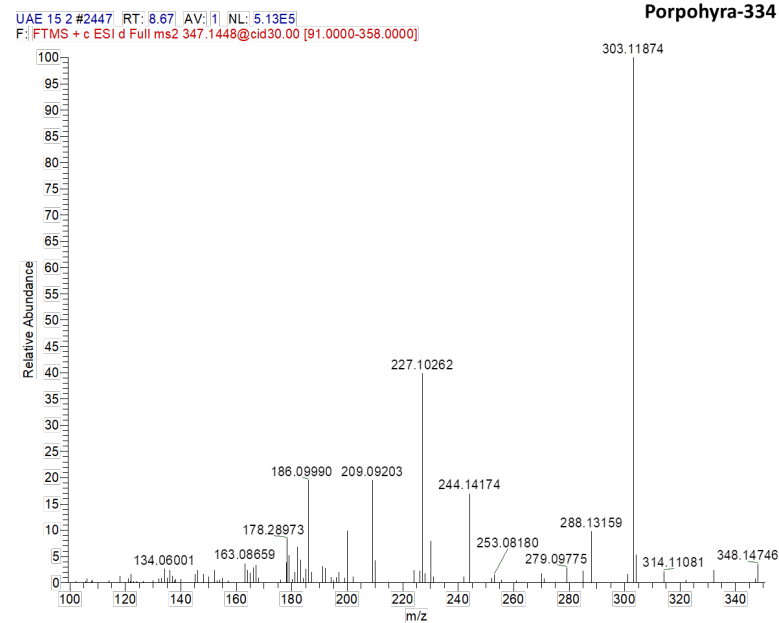
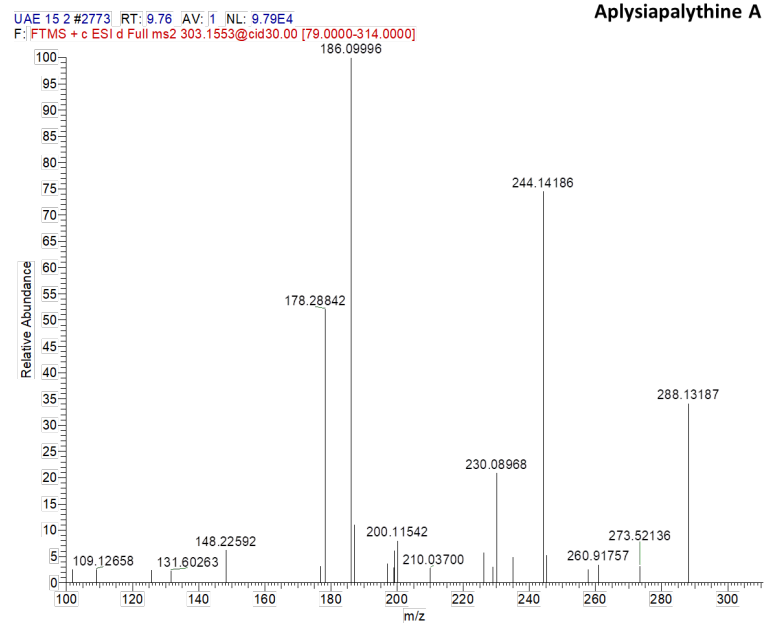
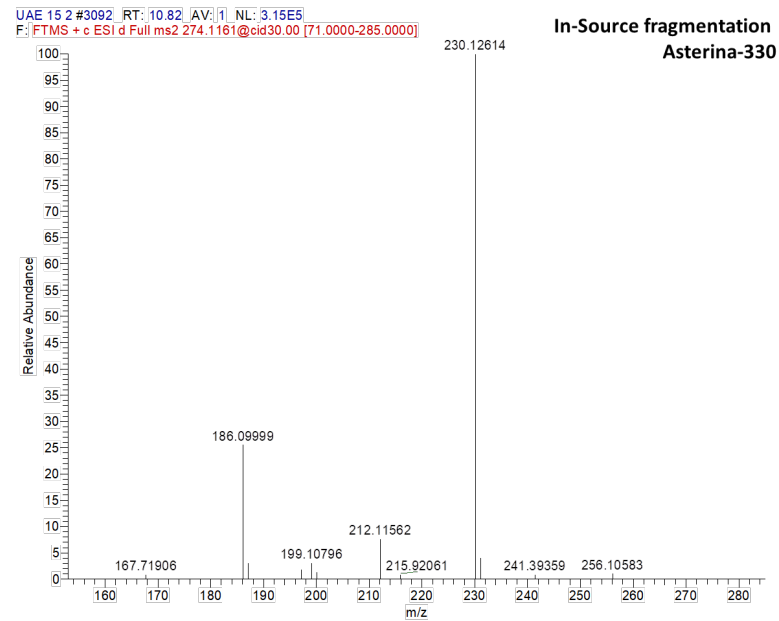
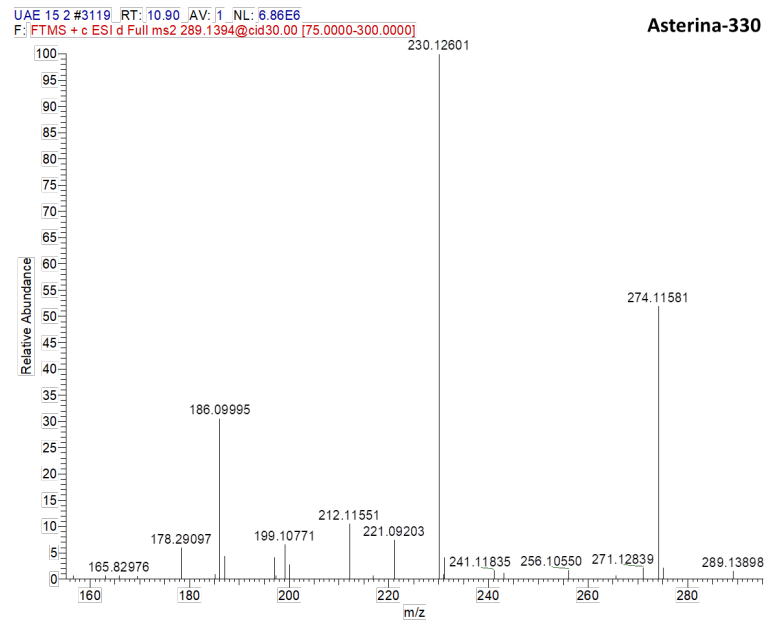
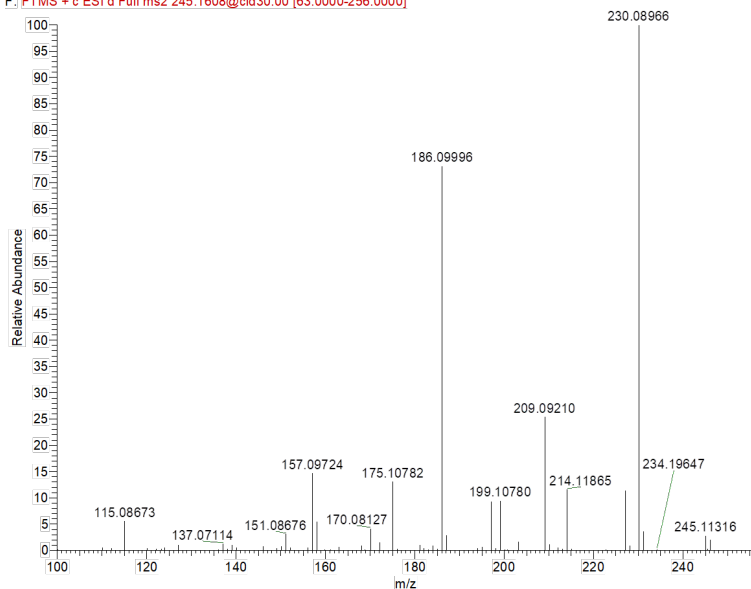


Figure S1. UV absorption spectra ($\lambda=300-750$ nm) of *Gelidium sesquipedale* extracts using ultrasound-assisted extraction and conventional solvent extraction techniques: ethanol extracts (a), ethanol:water (50:50 v/v) (b), ethanol:water (70:30 v/v) (c) and water extracts (d). The graphs show the mean values ($n=3$).



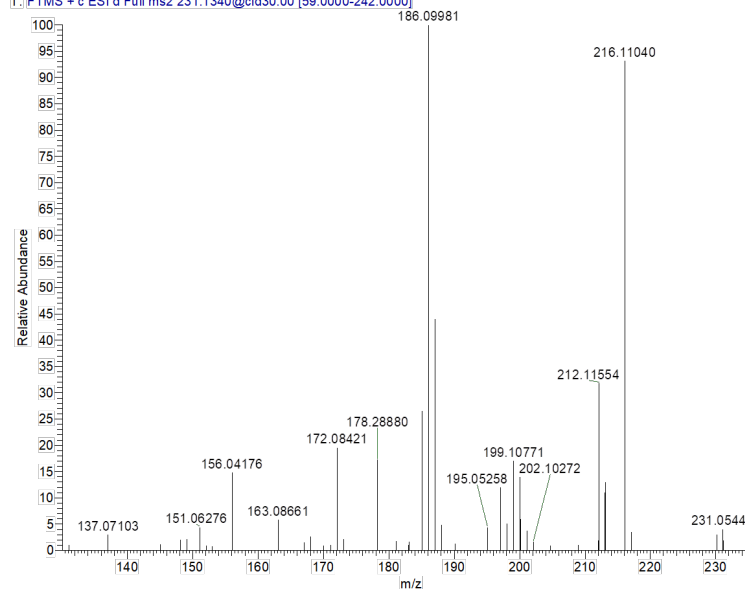
Palythine

UAE 15 2 #2940 RT: 10.29 AV: 1 NL: 3.30E6
F: FTMS + c ESI d Full ms2 245.1608@cid30.00 [63.0000-256.0000]



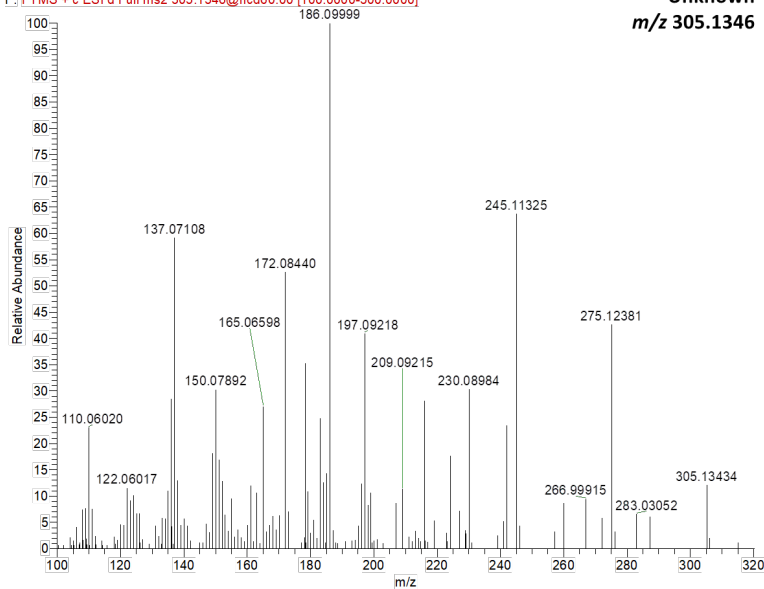
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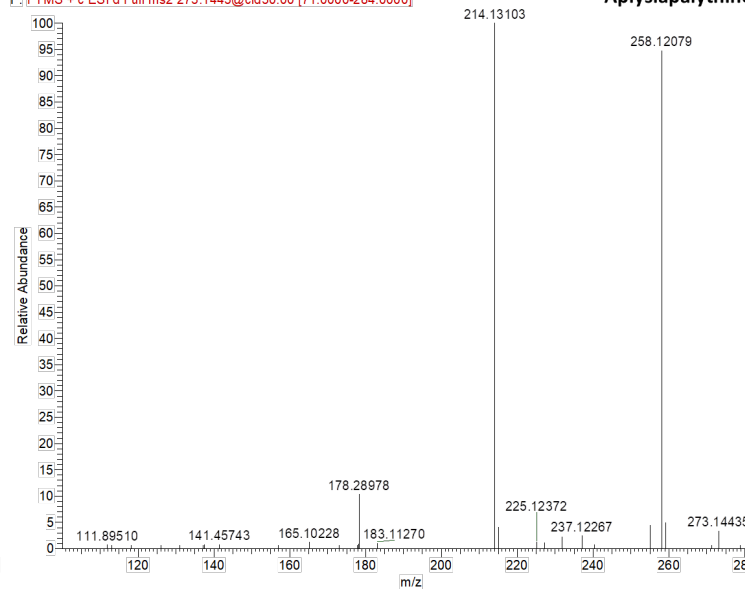
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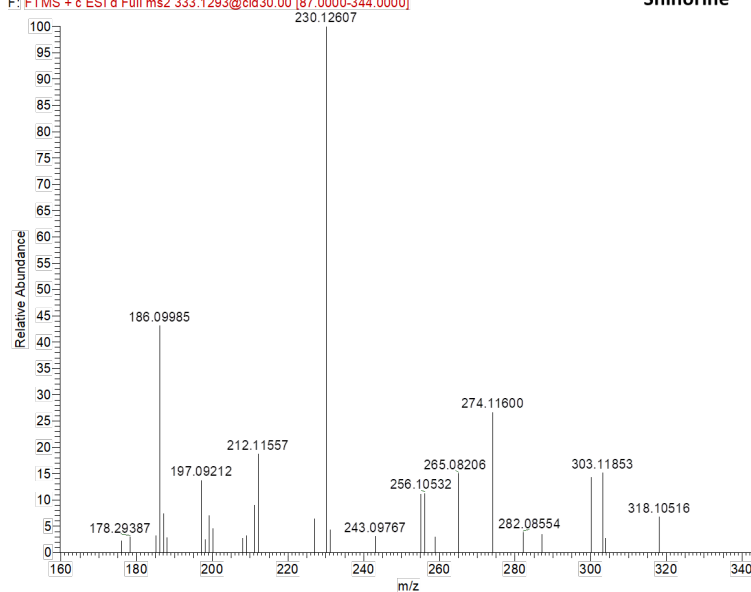


Aplysiapalythine B

H2O 2 #2386 RT: 8.56 AV: 1 NL: 3.61E5
F: FTMS + c ESI d Full ms2 273.1443@cid30.00 [71.0000-284.0000]

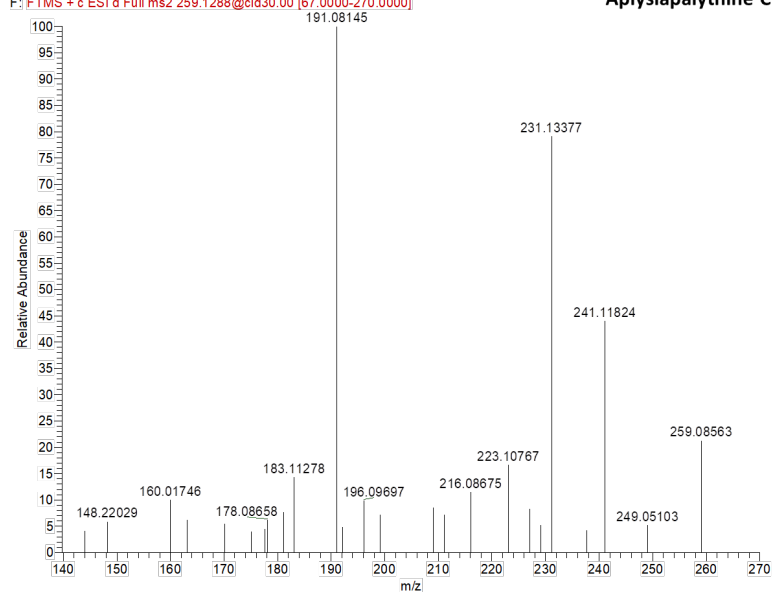


UAE 15 2 #2602 RT: 9.17 AV: 1 NL: 6.88E5
 F: FTMS + c ESI d Full ms2 333.1293@cid30.00 [87.0000-344.0000]



Shinorine

UAE 30 2 #3080 RT: 10.85 AV: 1 NL: 6.31E4
 F: FTMS + c ESI d Full ms2 259.1288@cid30.00 [67.0000-270.0000]



Aplysiapalythine C

MS² Spectra of candidate-MAAs identified in the algal specie *Gelidium sesquipedale*. Here was shown fragmentation data collection acquired at CID30, HCD50 and HCD60+/-20.