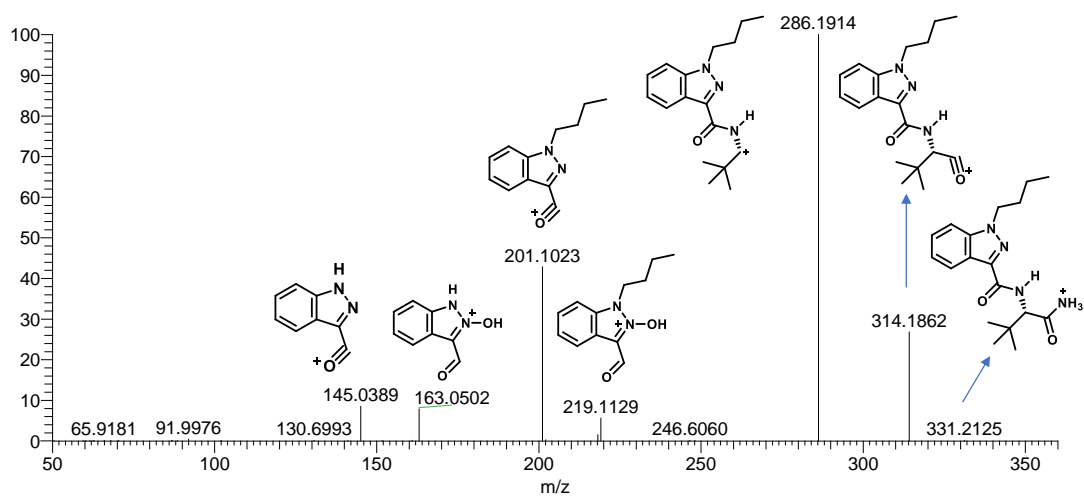
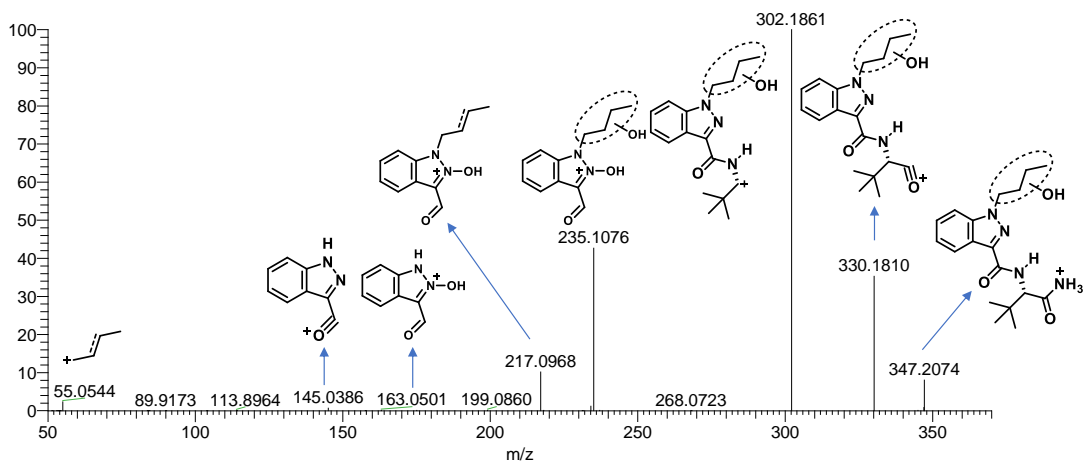


Figure S7. Mass spectrometry spectra and fragmentation of ADB-BUTINACA and its metabolites.

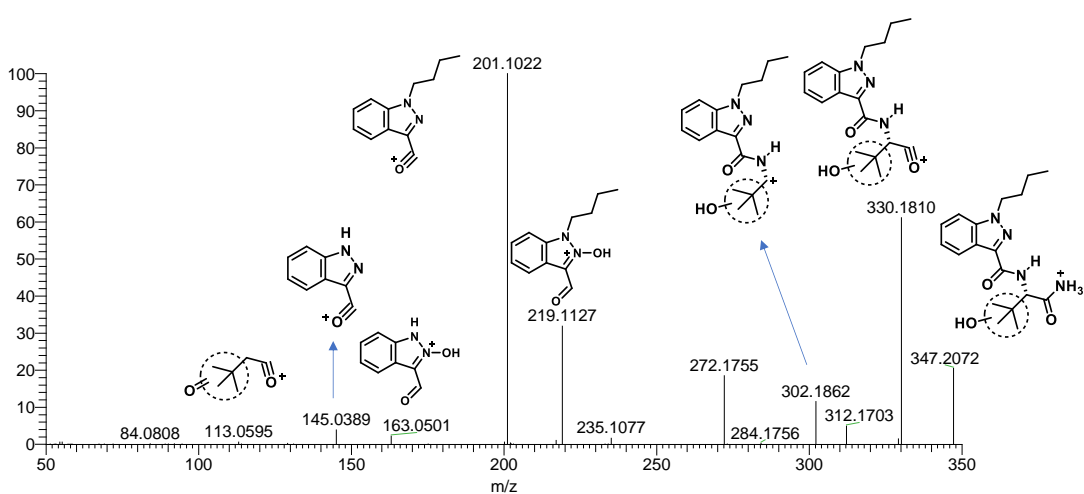
A0



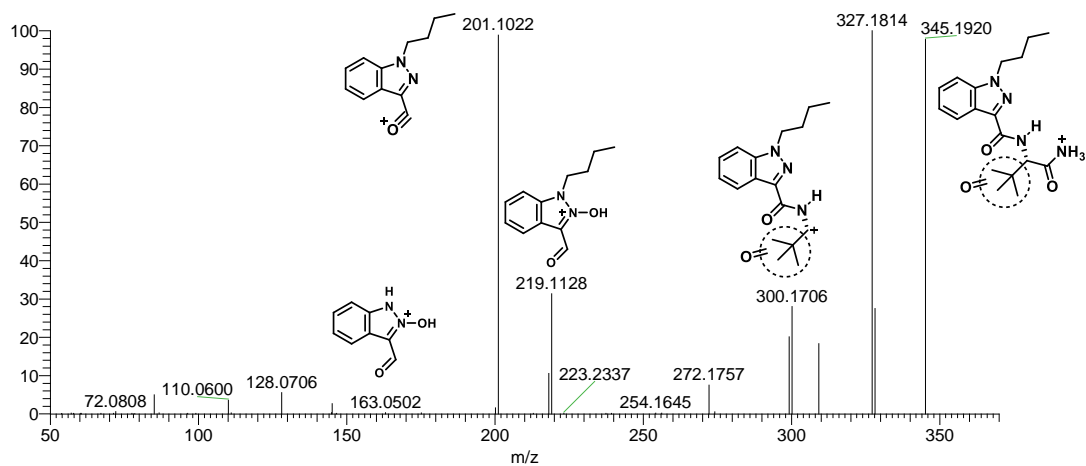
A1



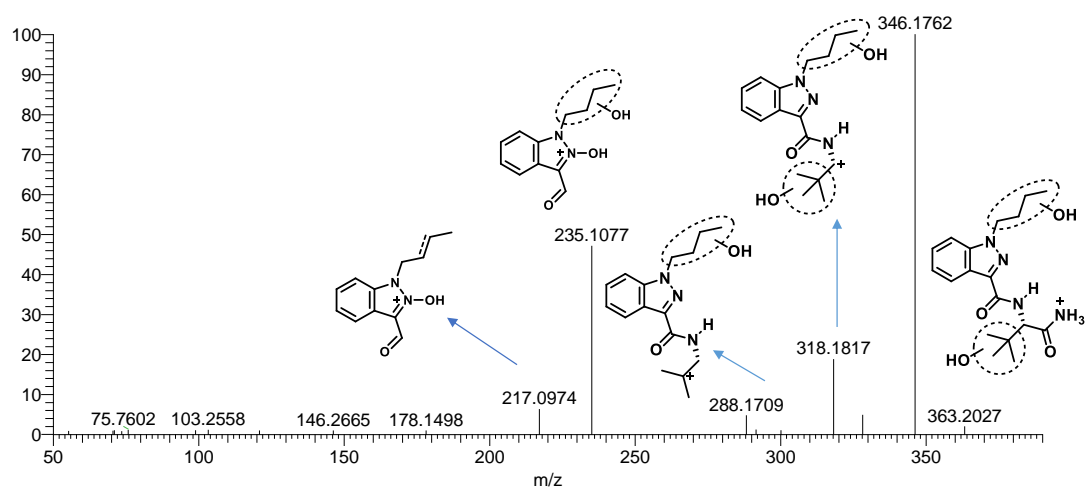
A2



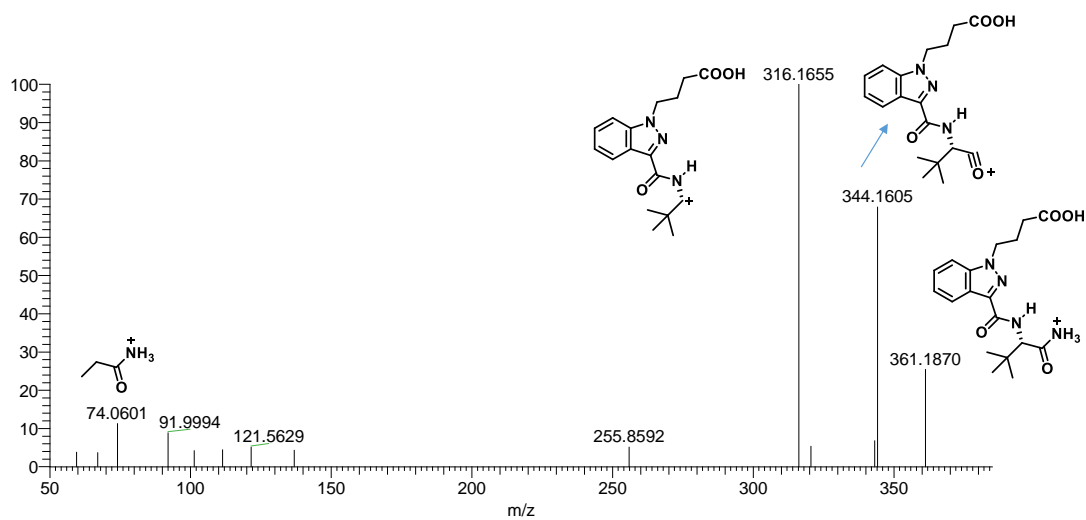
A3



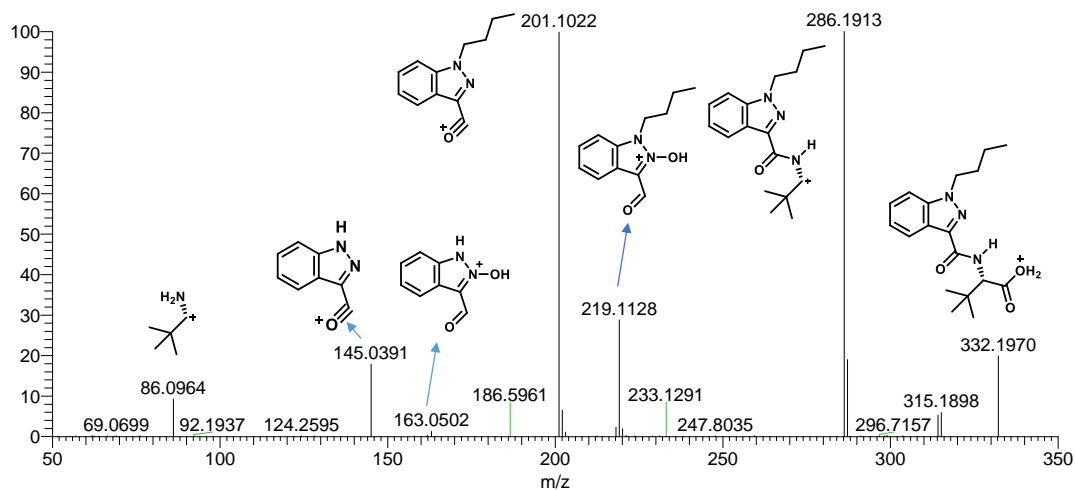
A4,5



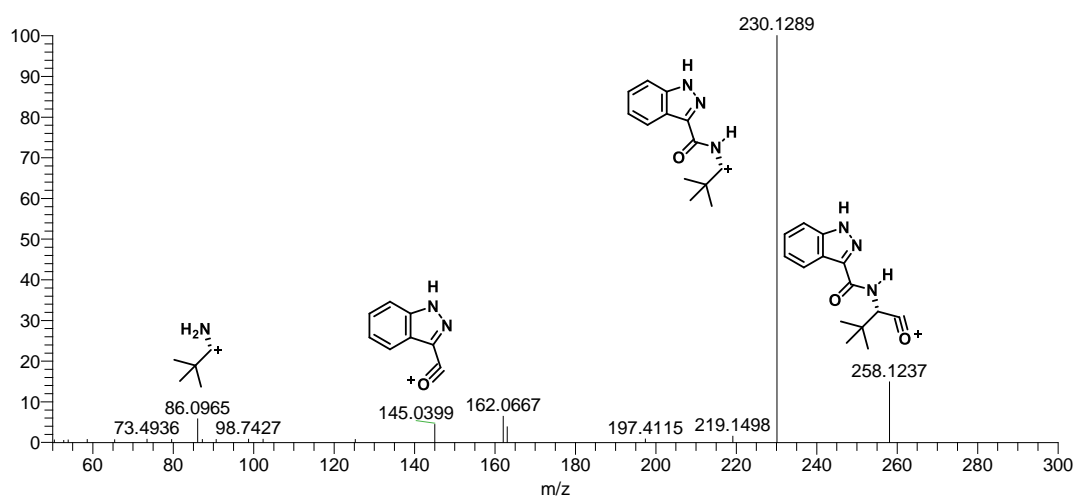
A6



A7



A8



A9

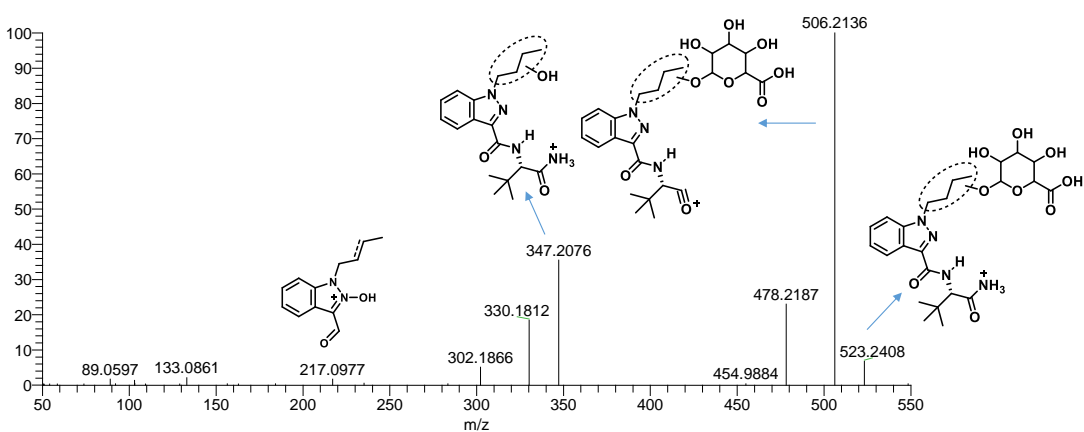
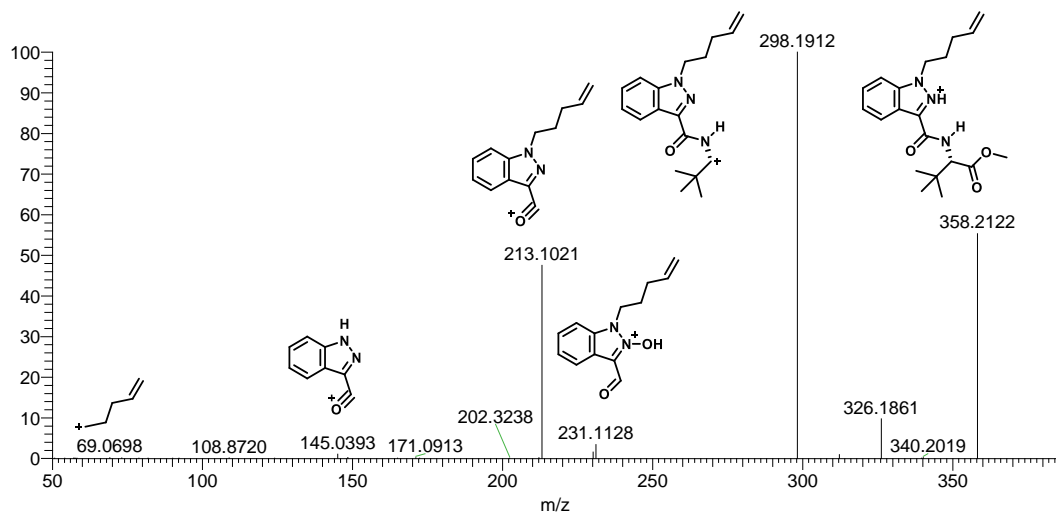
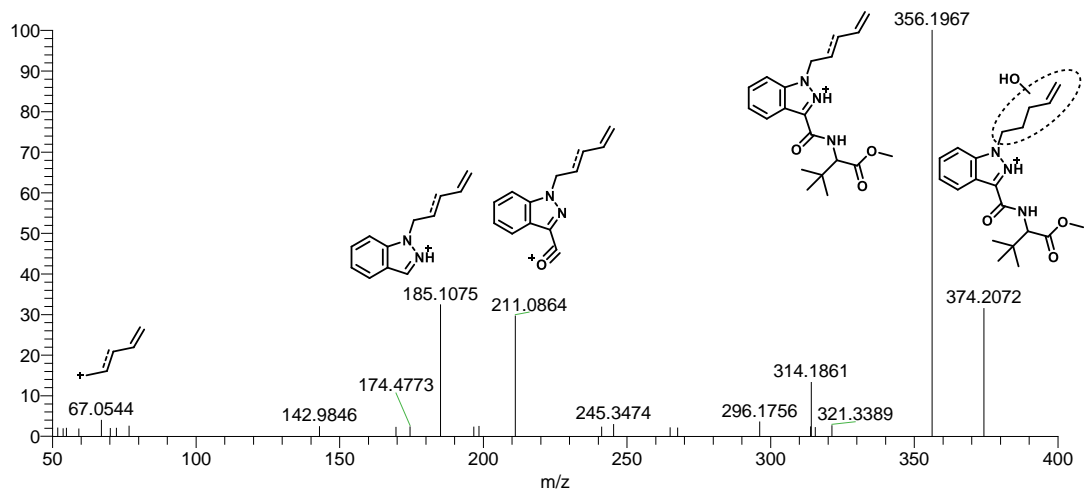


Figure S8. Mass spectrometry spectra and fragmentation of MDMB-4en-PINACA and its metabolites.

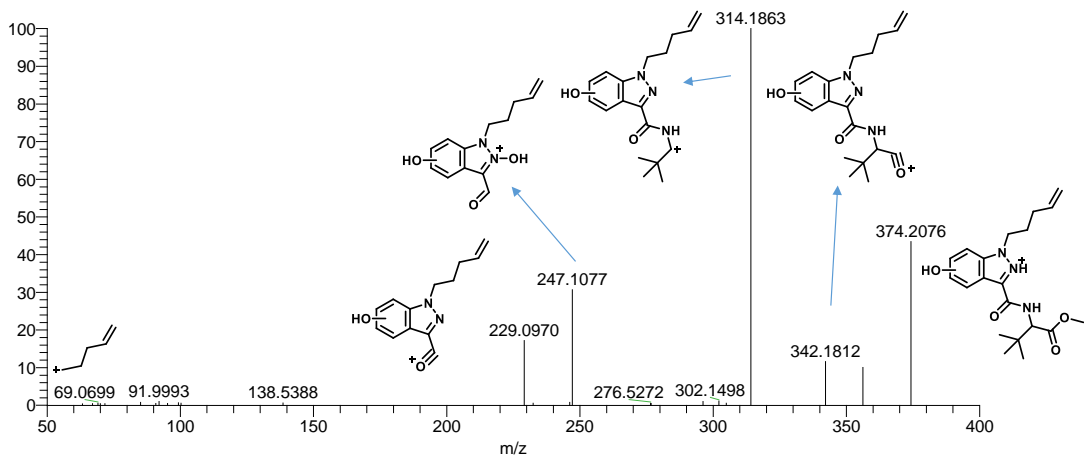
B0



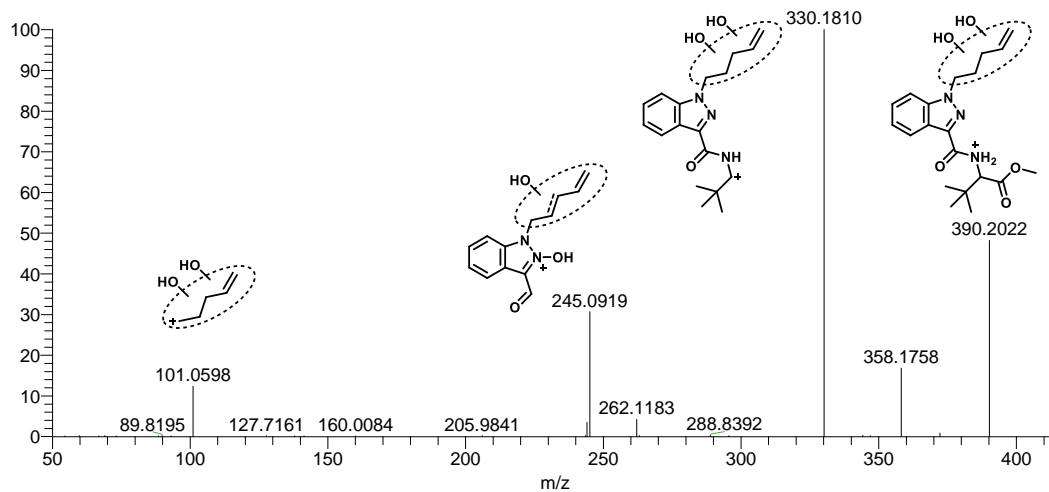
B1



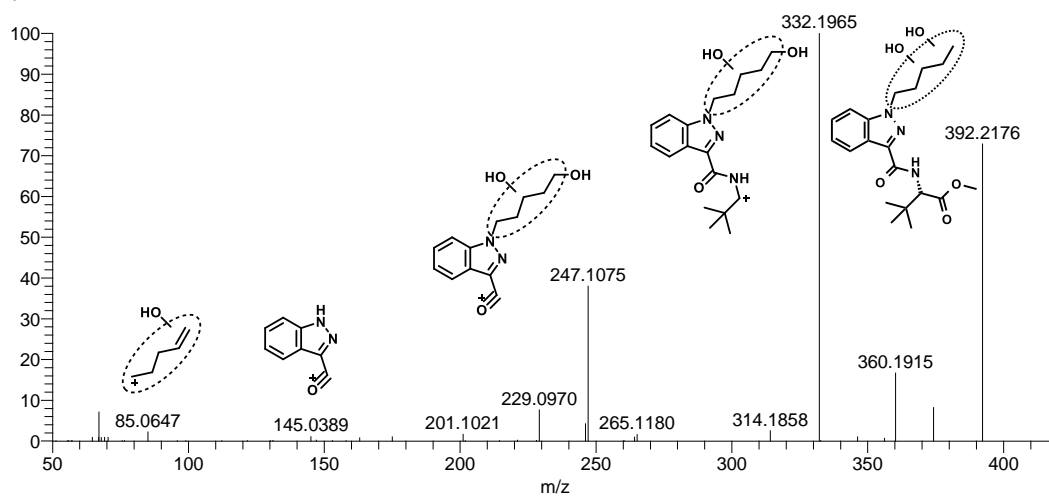
B2,3



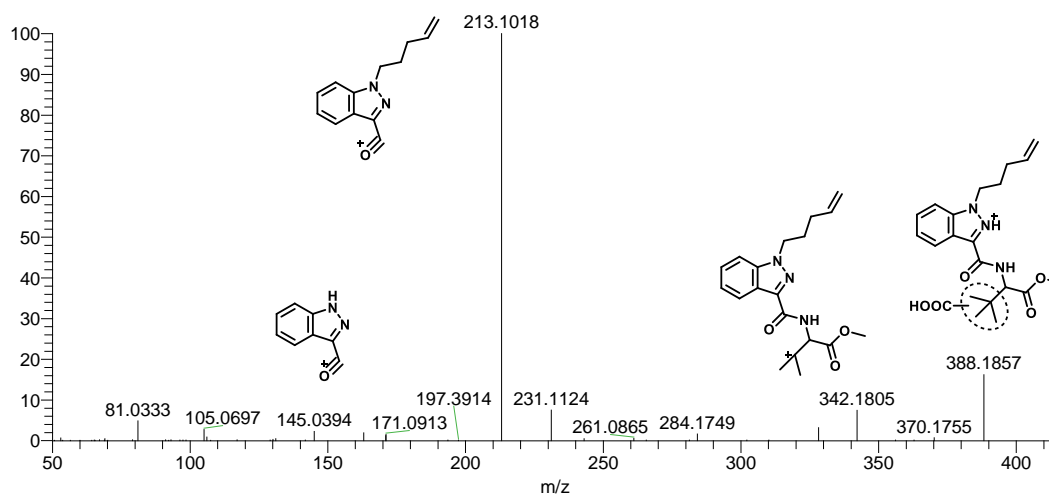
B4,5



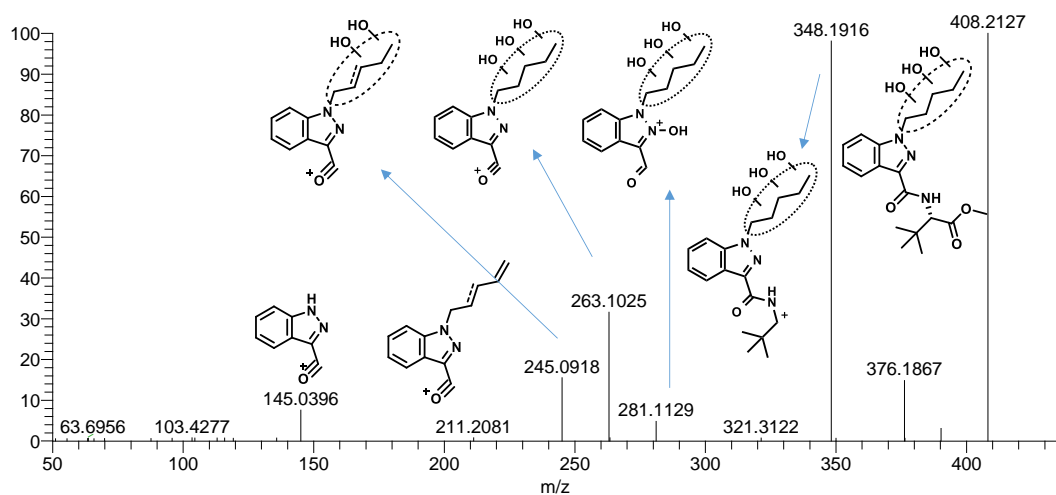
B6,7



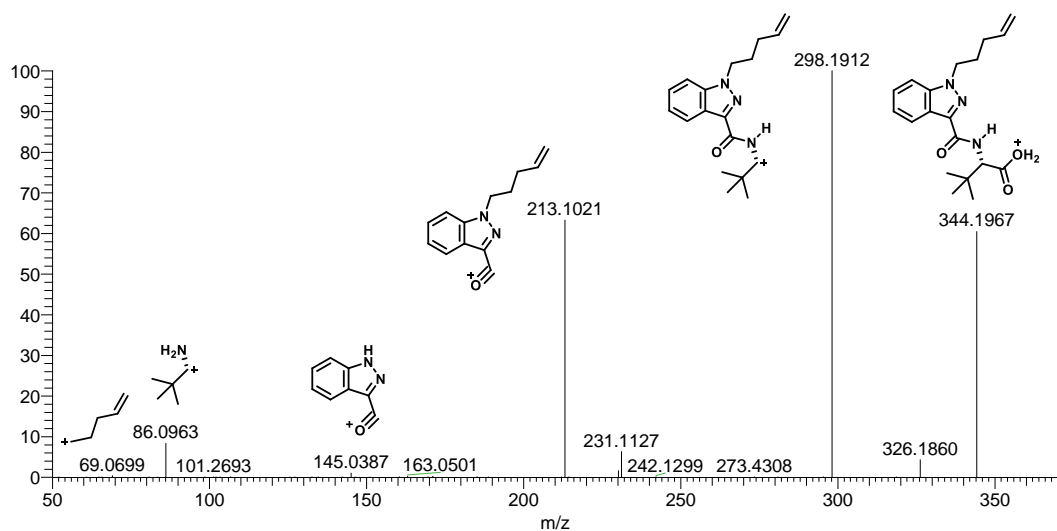
B8



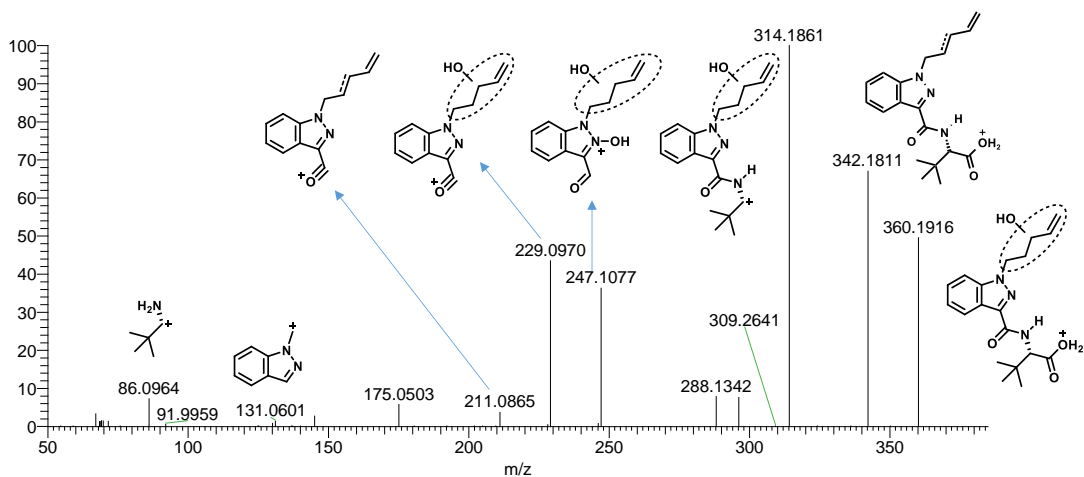
B9



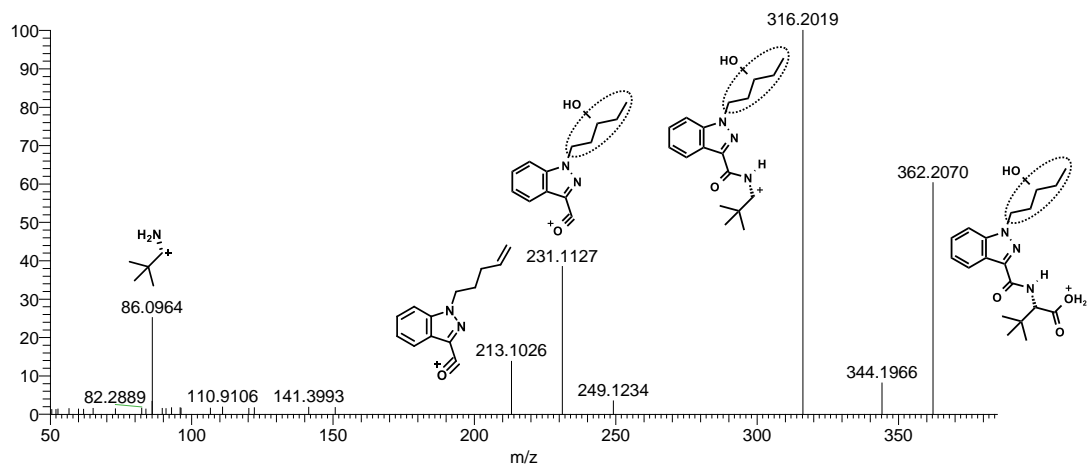
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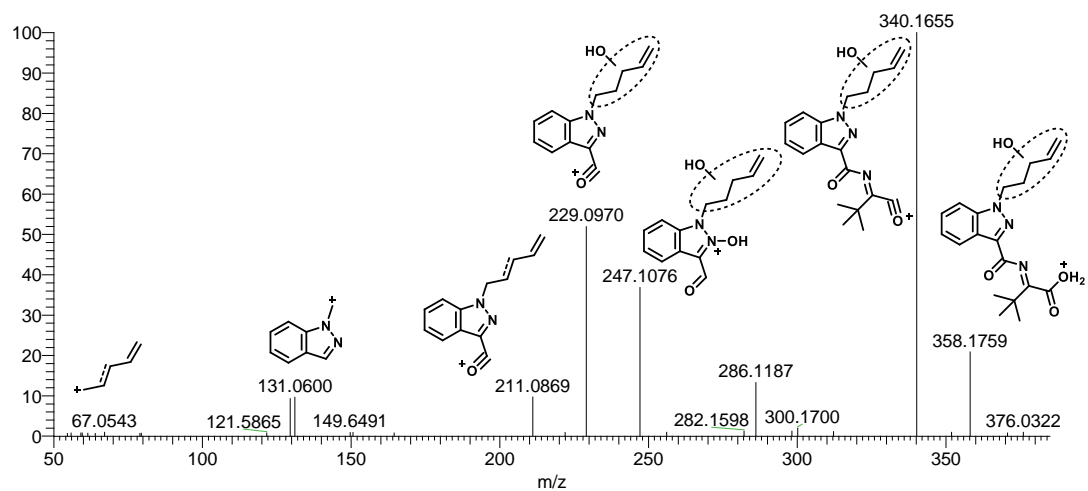
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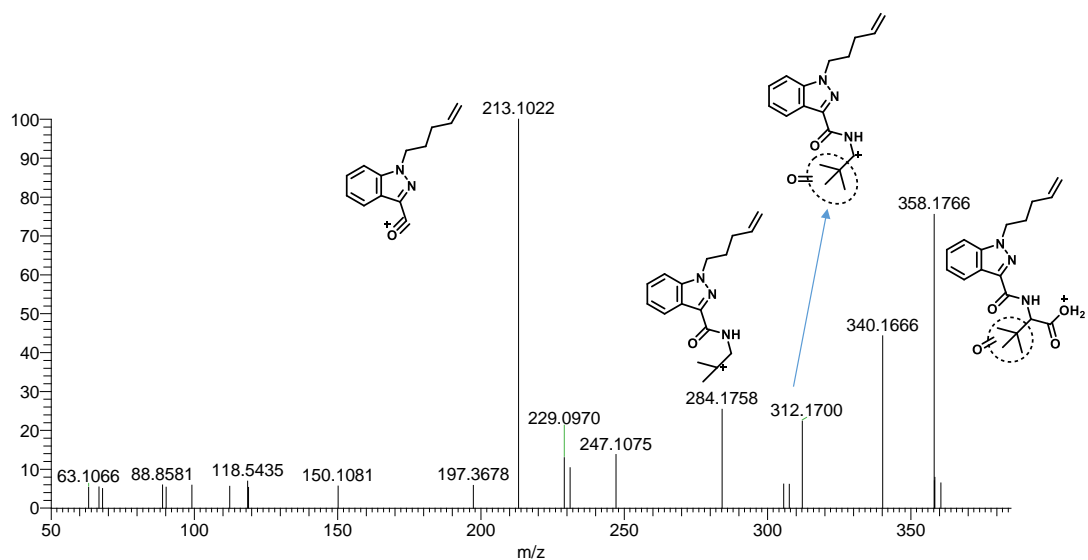
B12



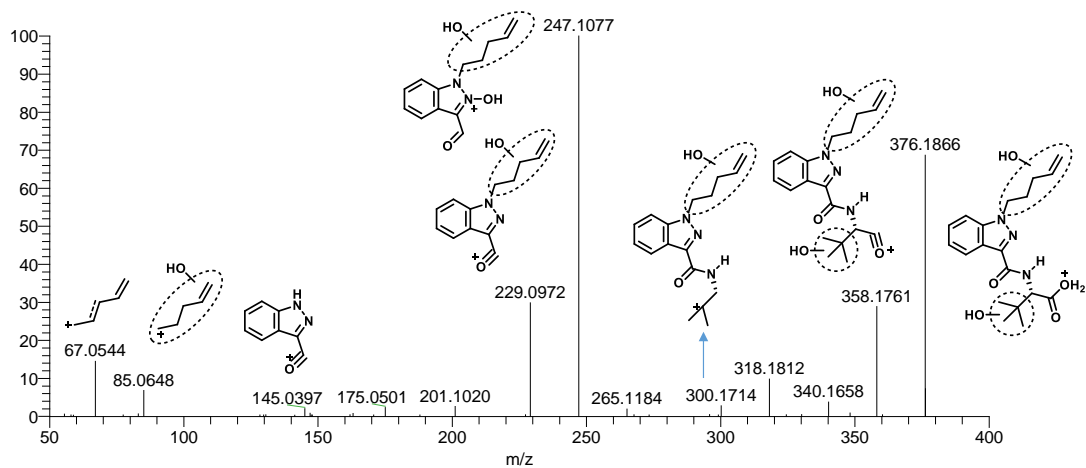
B13,14



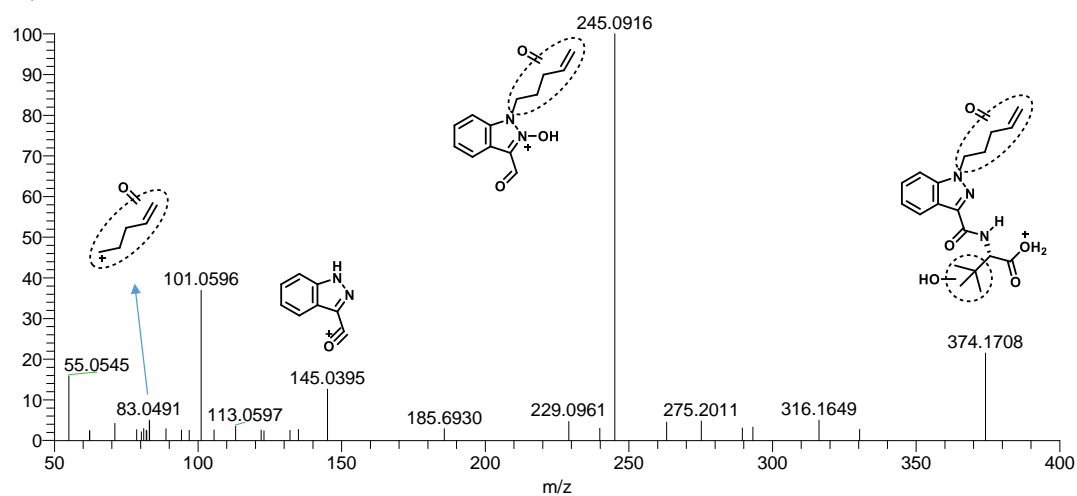
B15



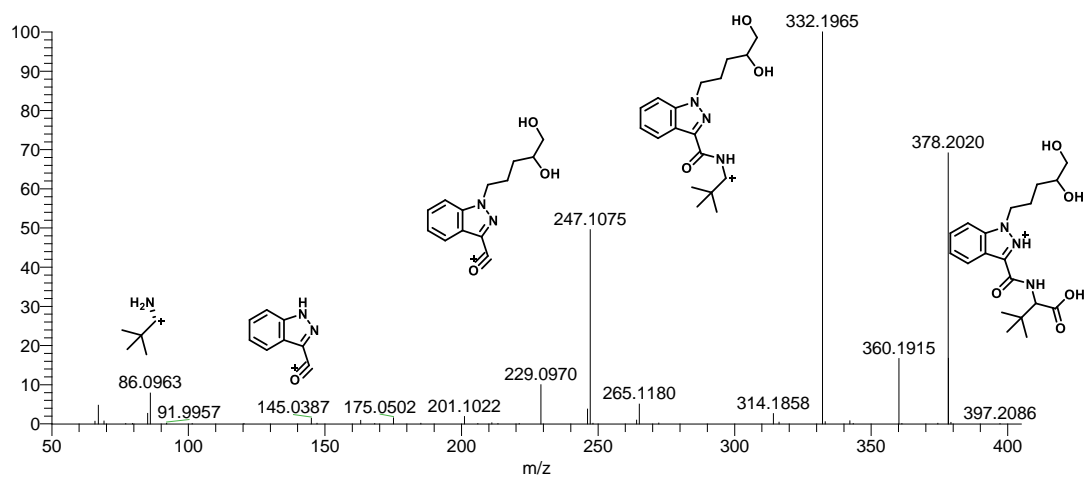
B16,17



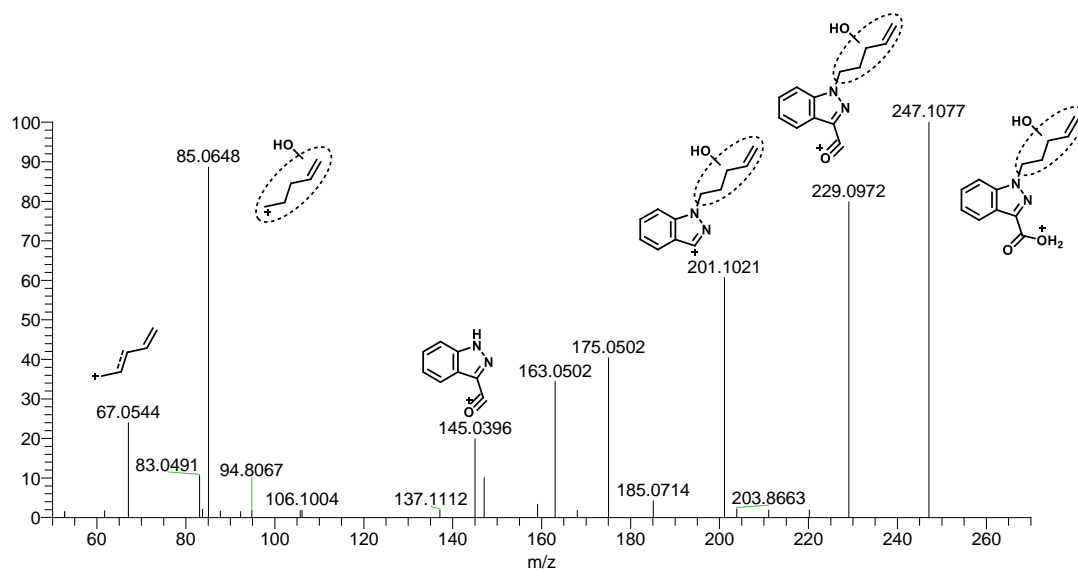
B18,19



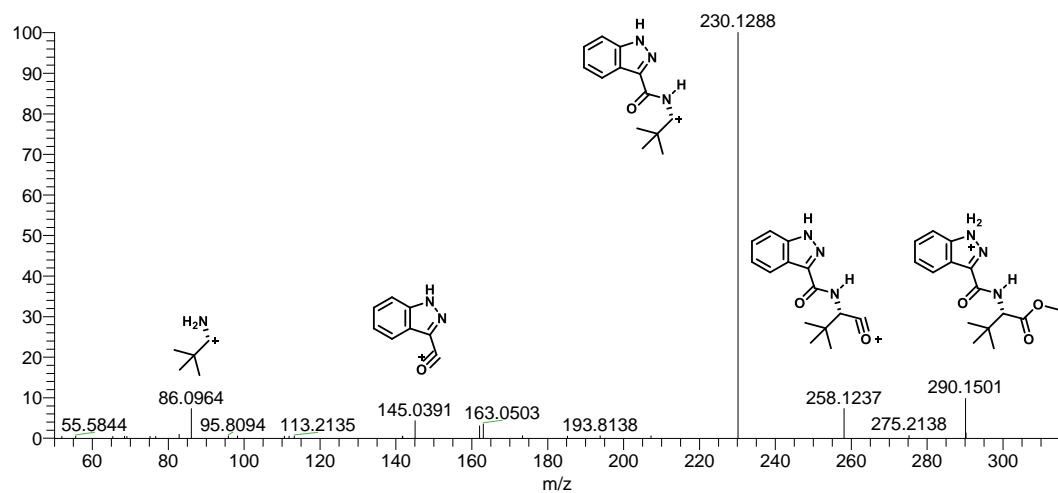
B20



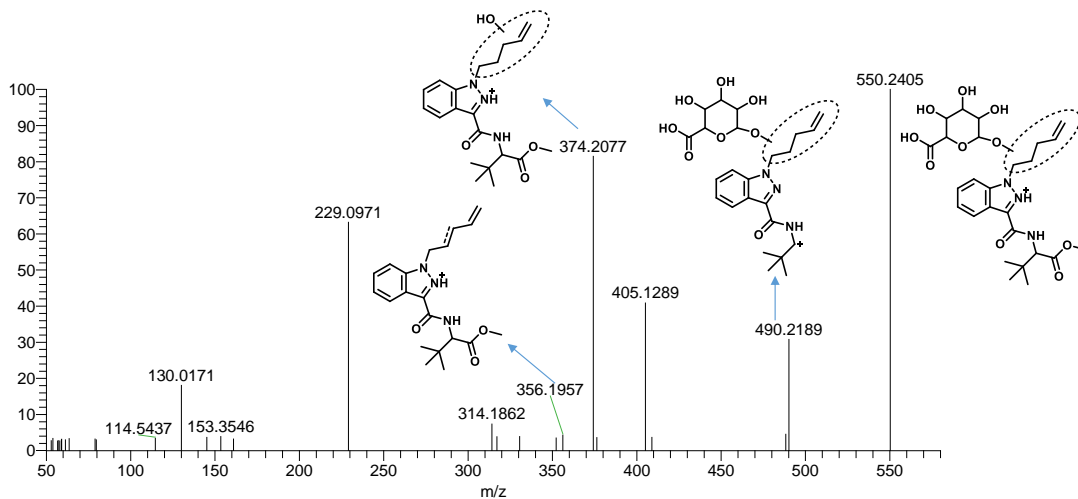
B21-23



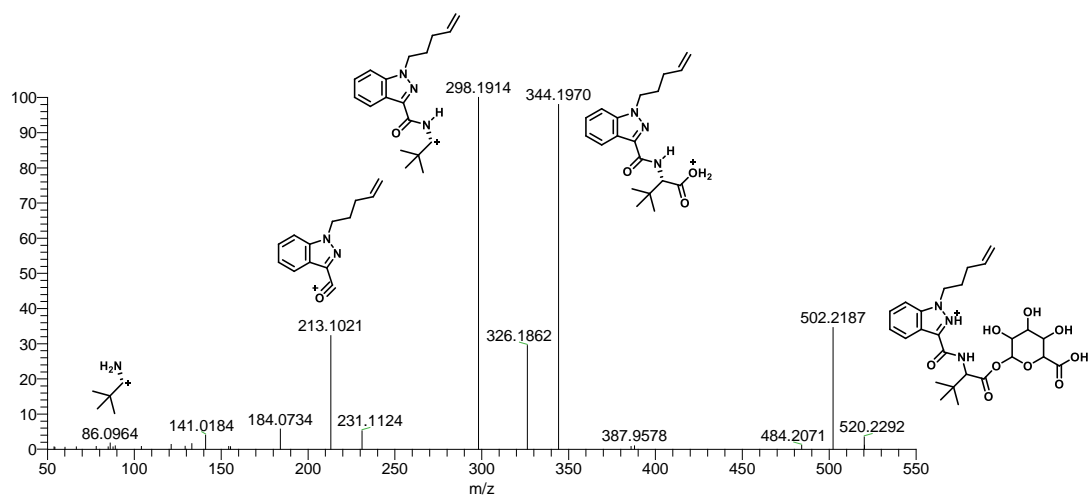
B24



B25-27



B28



B29

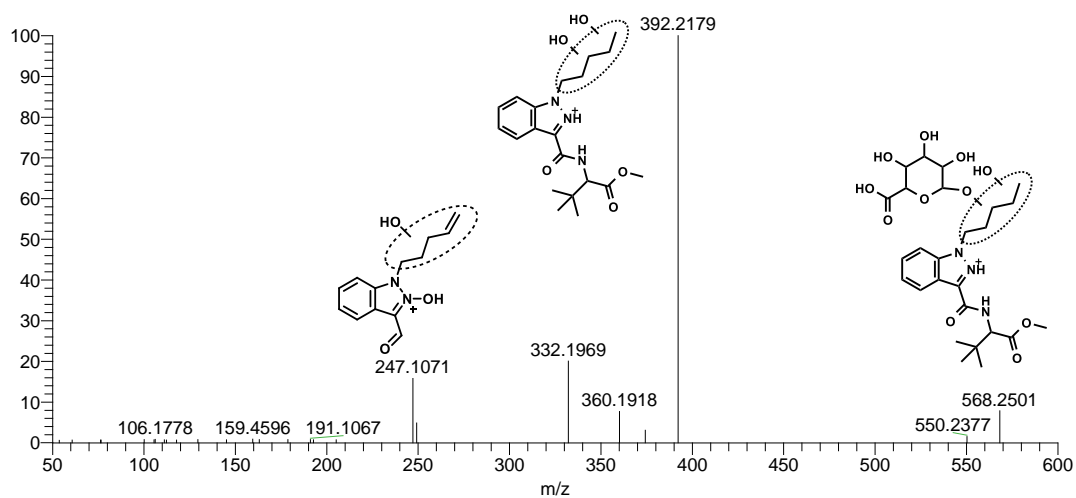
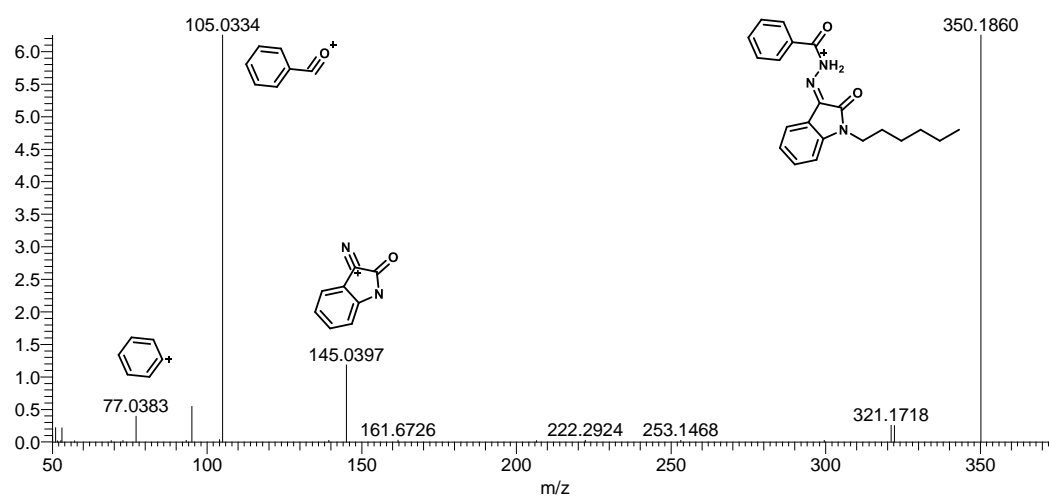
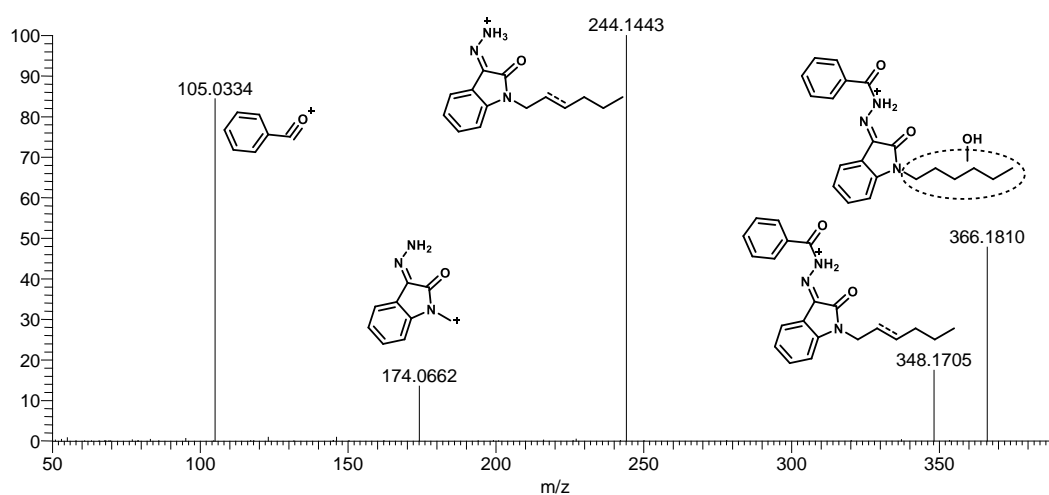


Figure S9. Mass spectrometry spectra and fragmentation of BZO-HEXOXIZID and its metabolites.

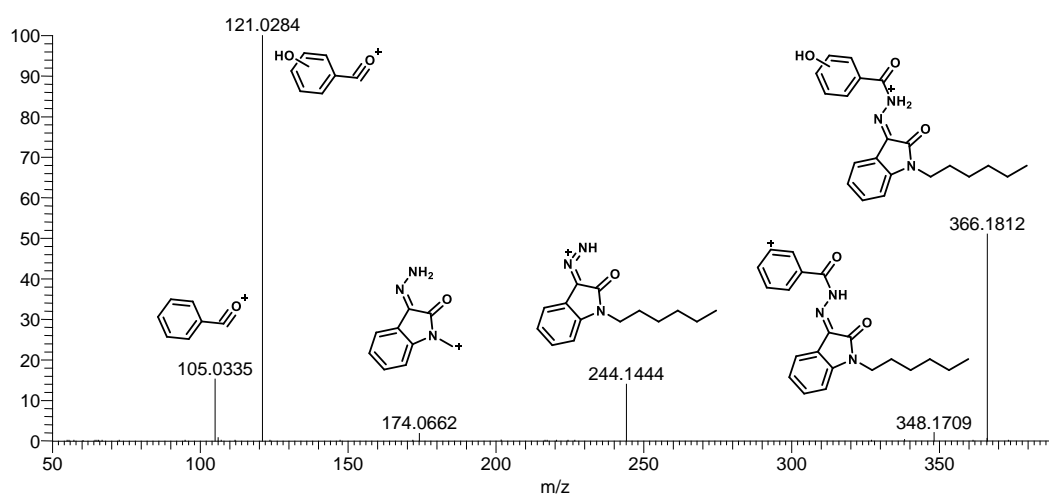
C0



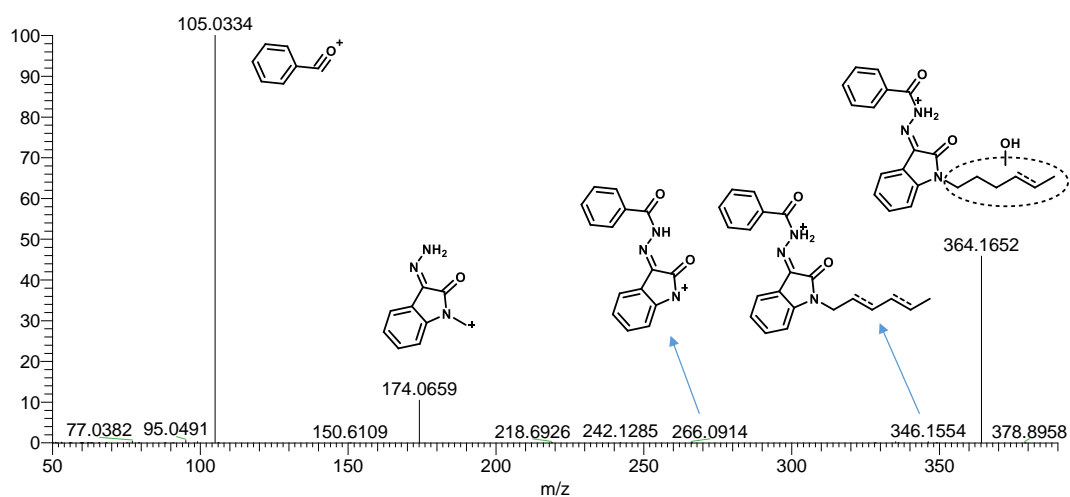
C1-3



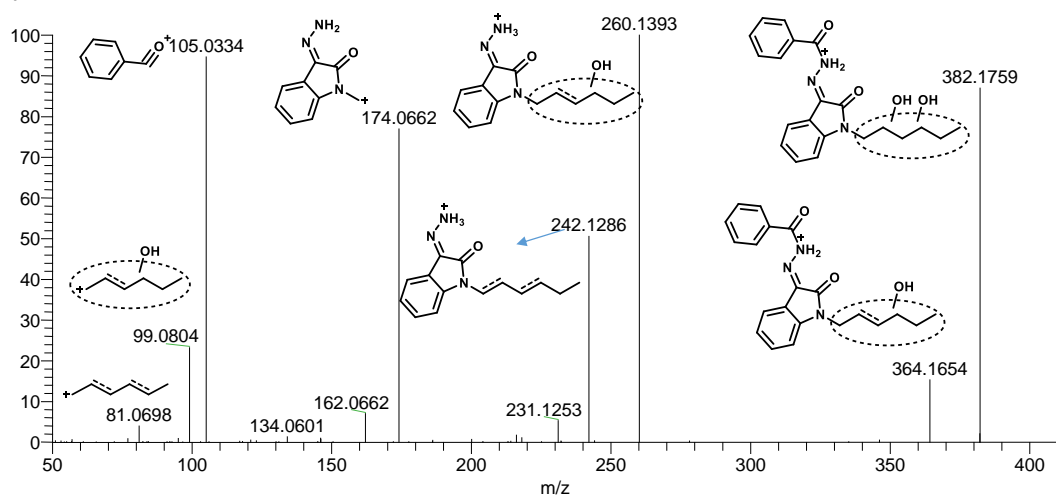
C4



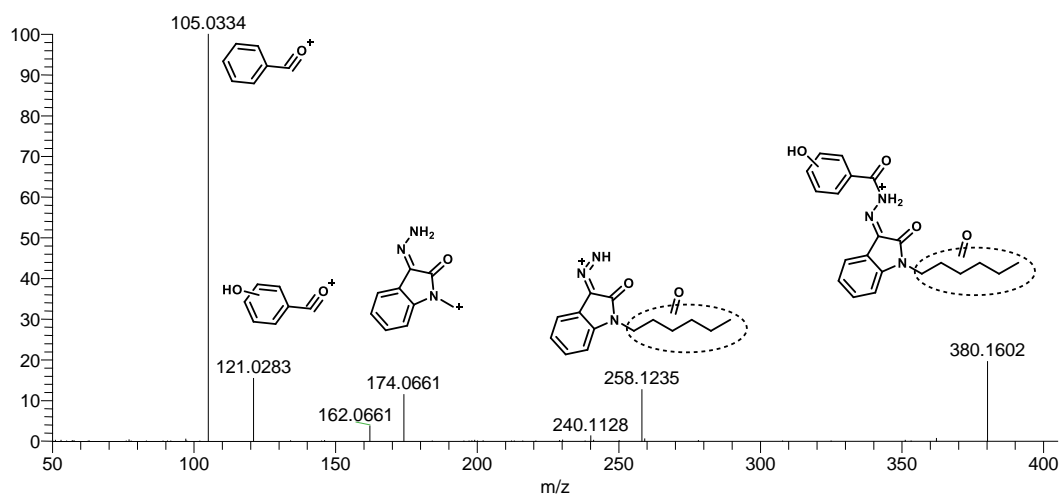
C5-7



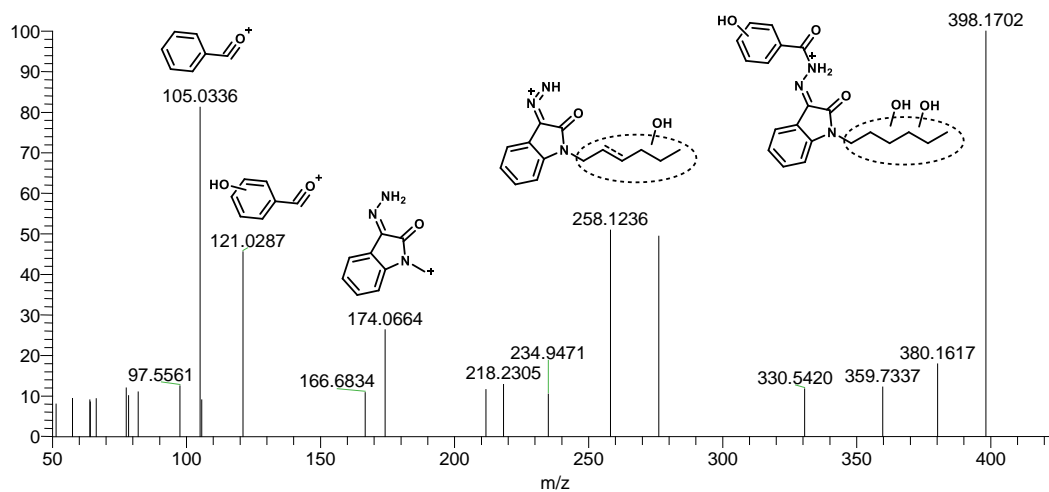
C8,9



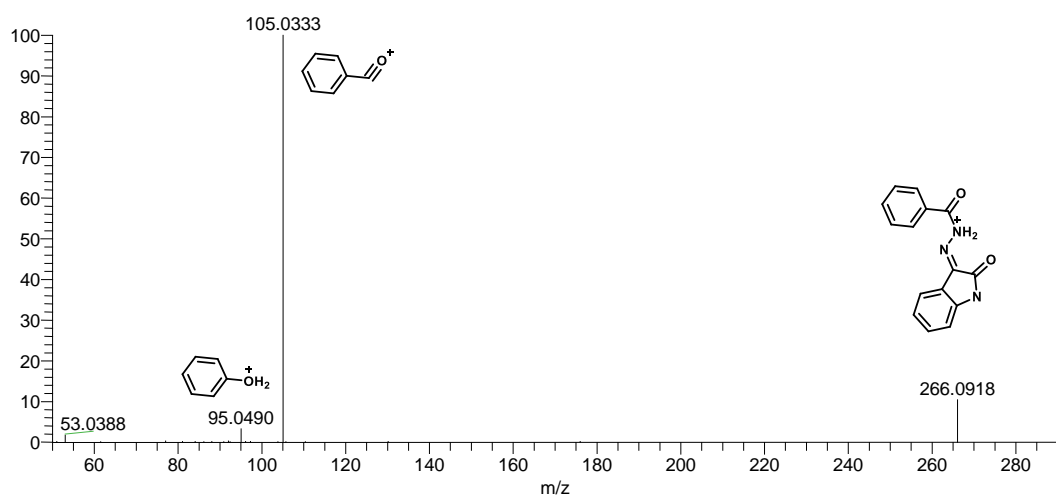
C10-12



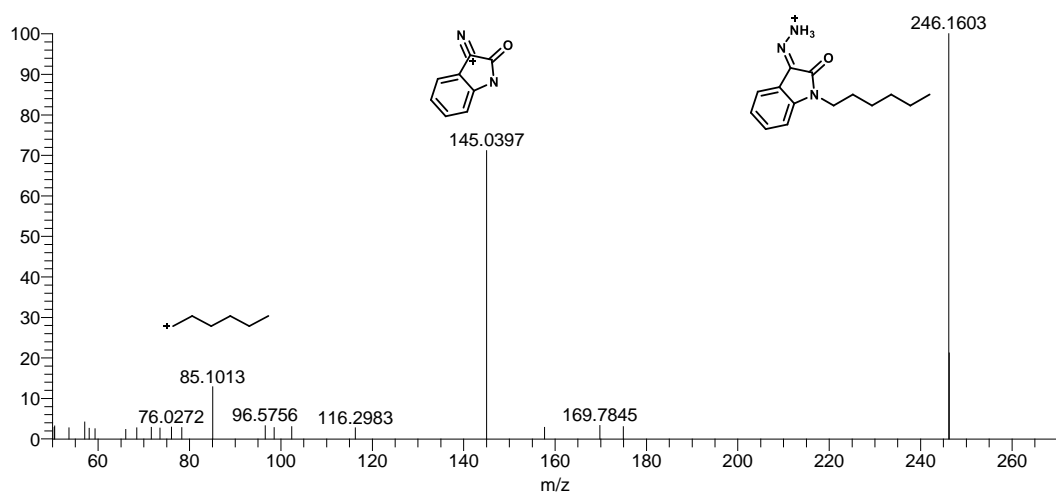
C13,14



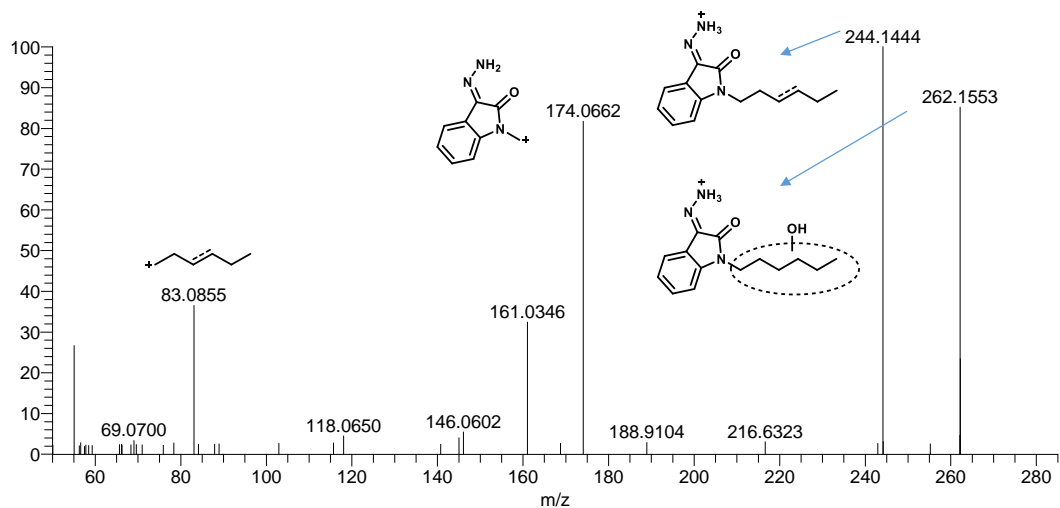
C15



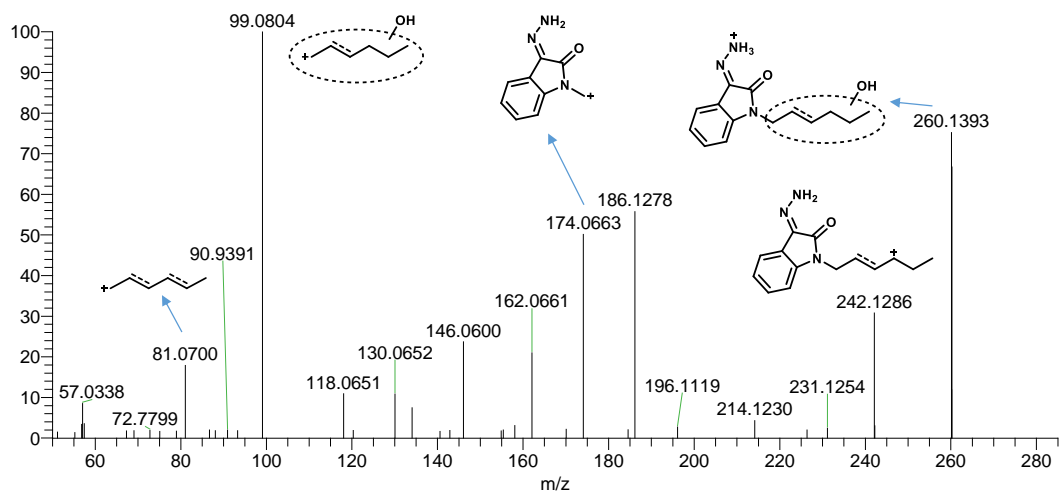
C16



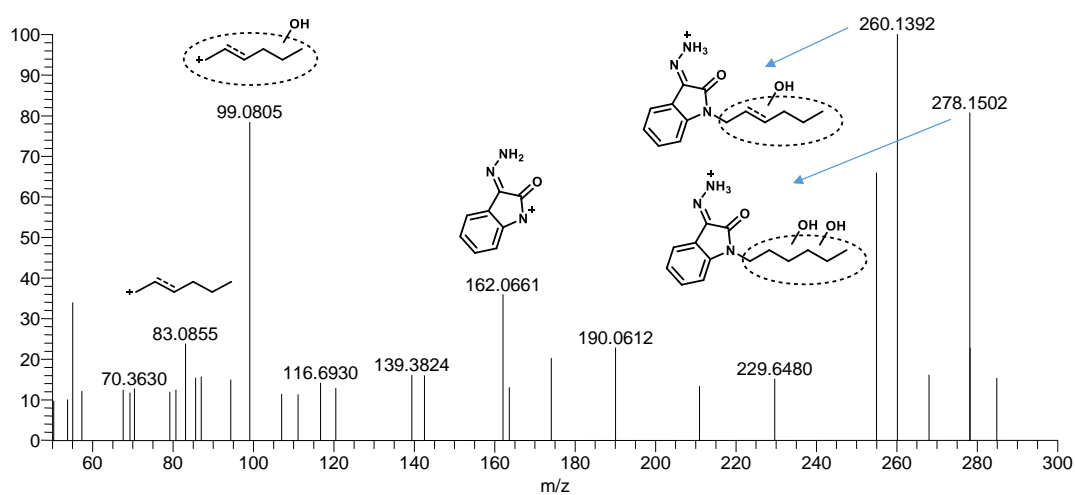
C17-20



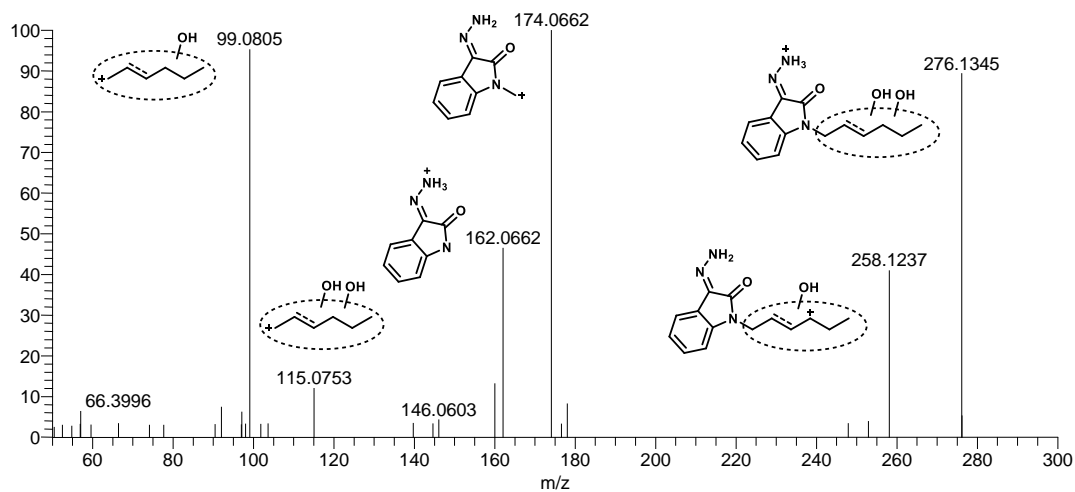
C21,22



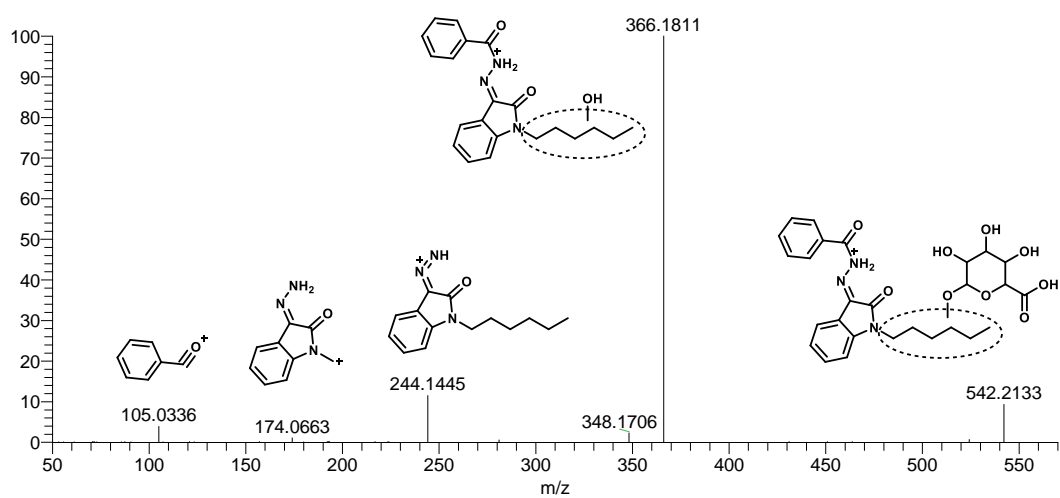
C23



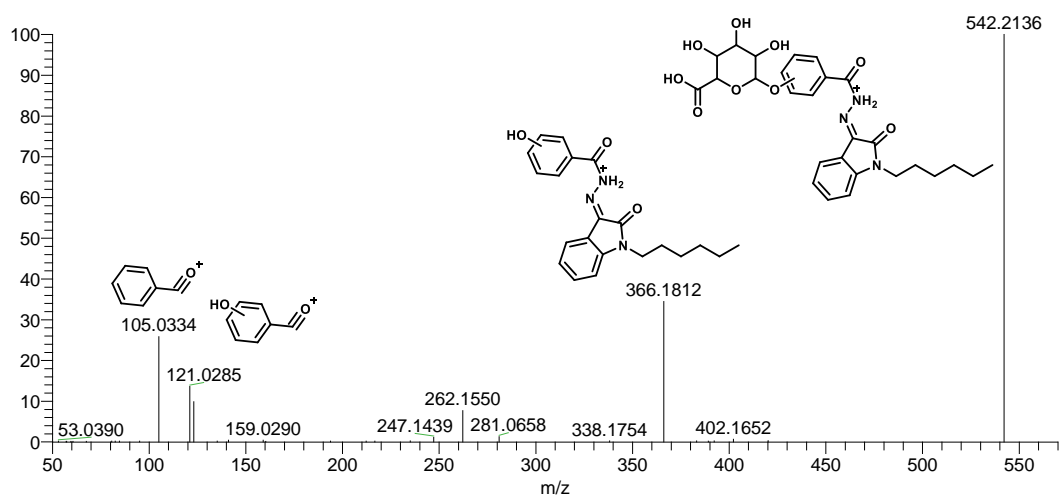
C24-26



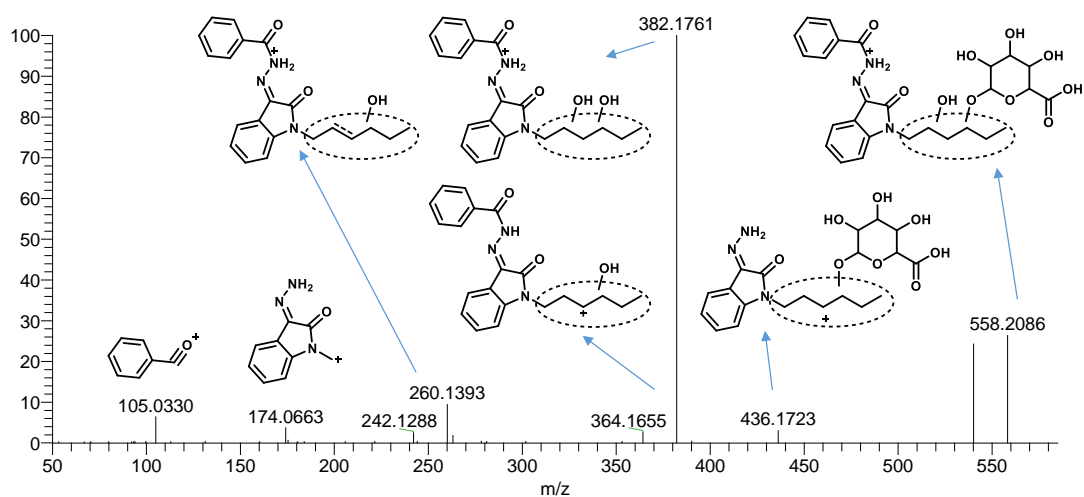
C27-30



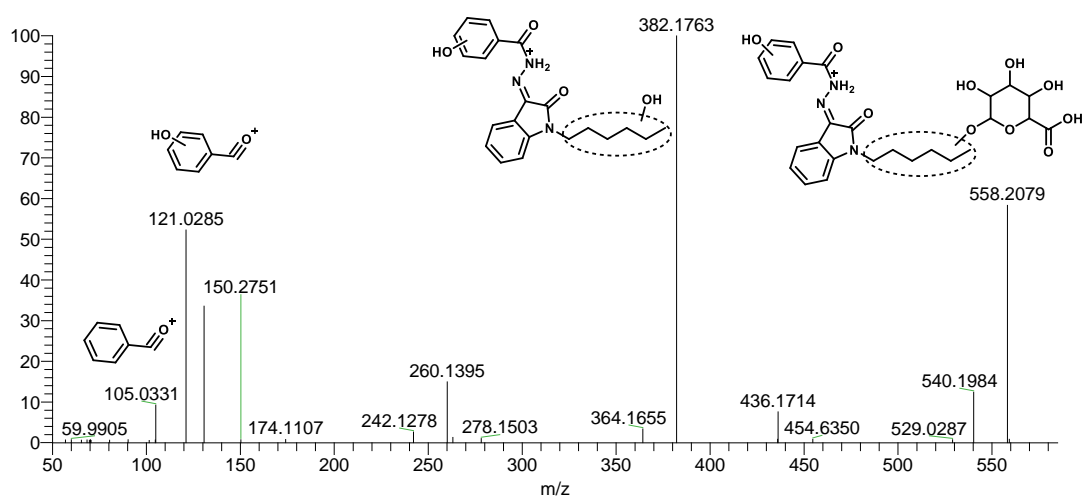
C31



C32



C33



C34

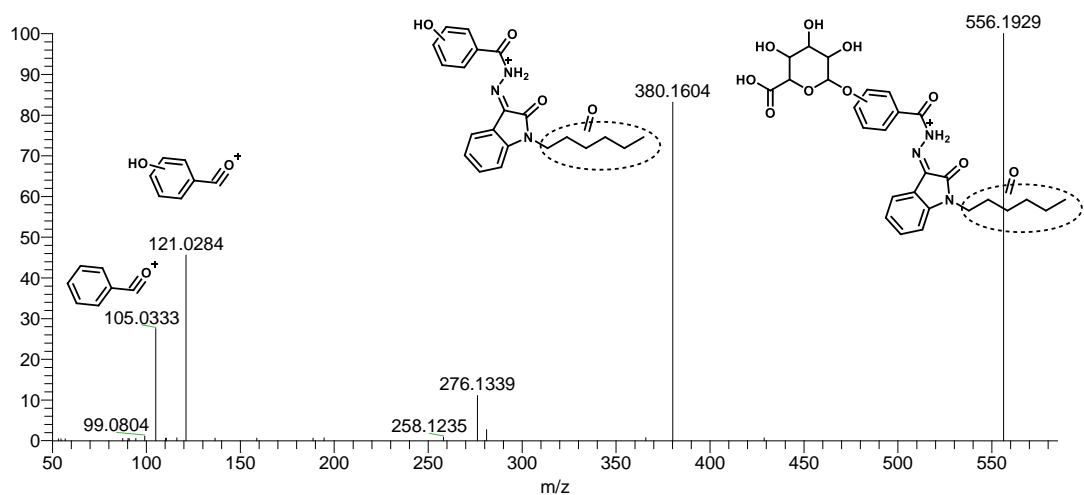
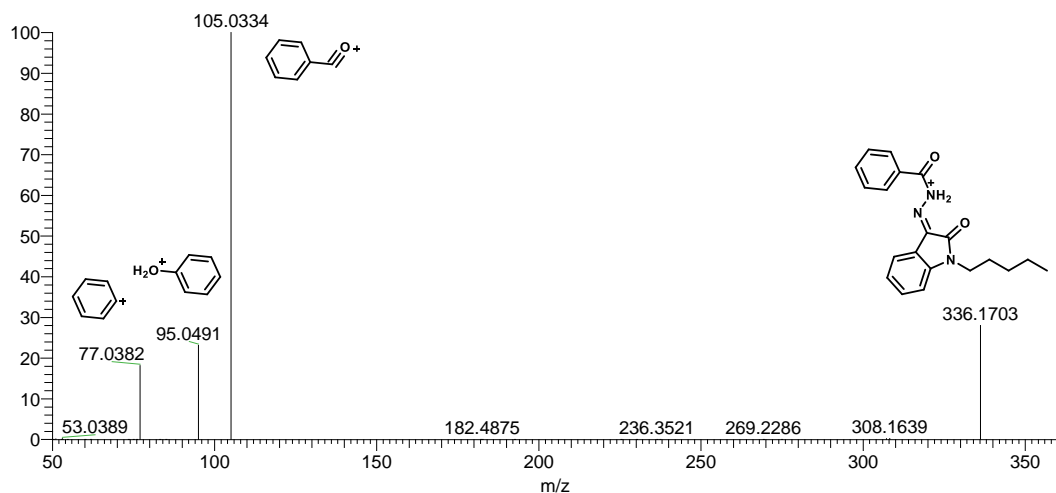
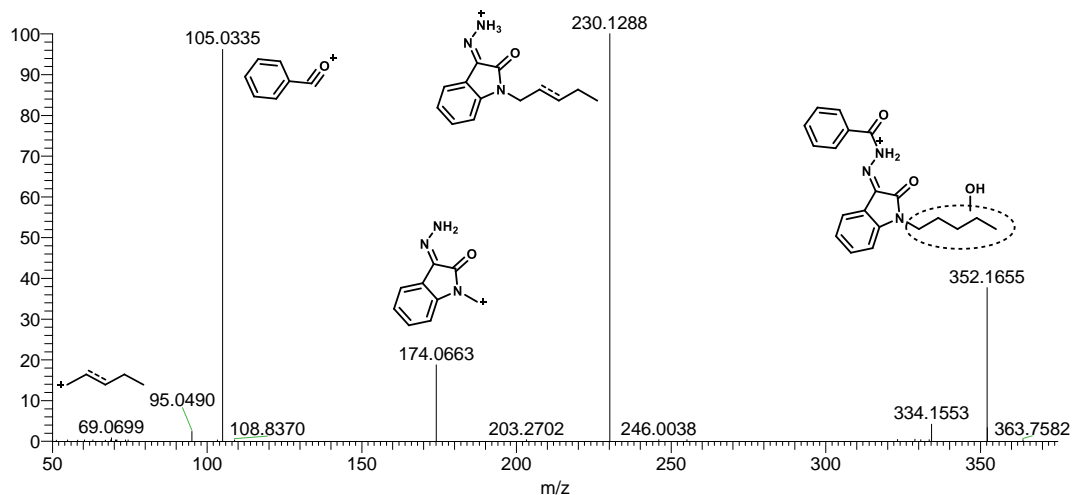


Figure S10. Mass spectrometry spectra and fragmentation of BZO-POXIZID and its metabolites.

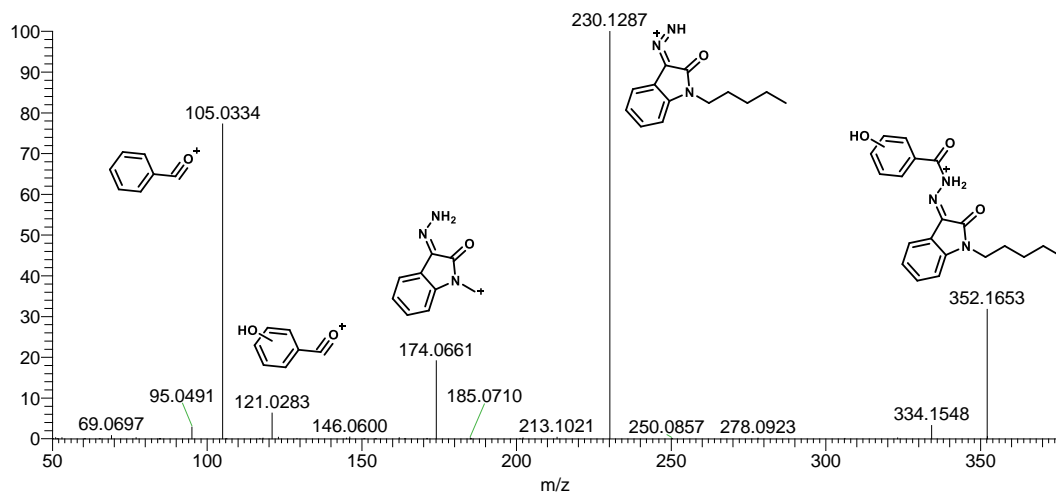
D0



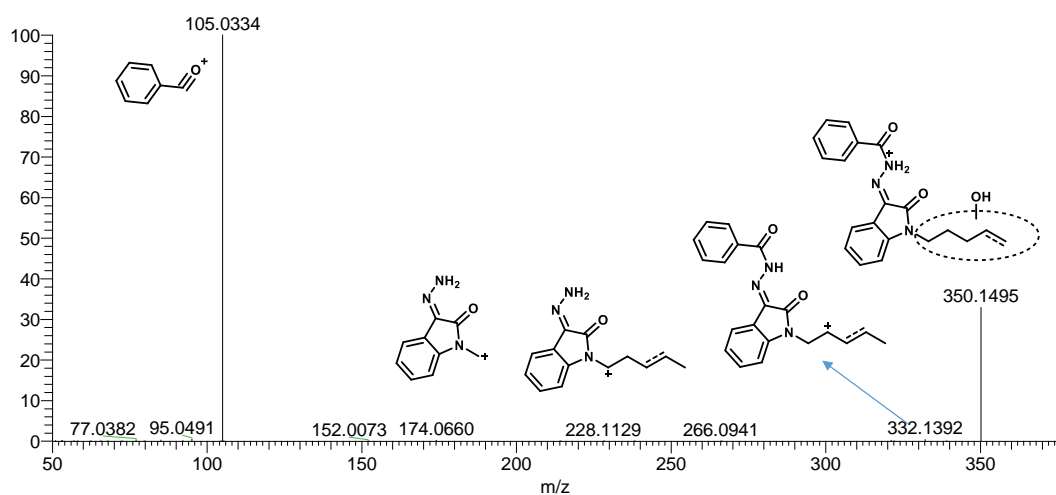
D1,2



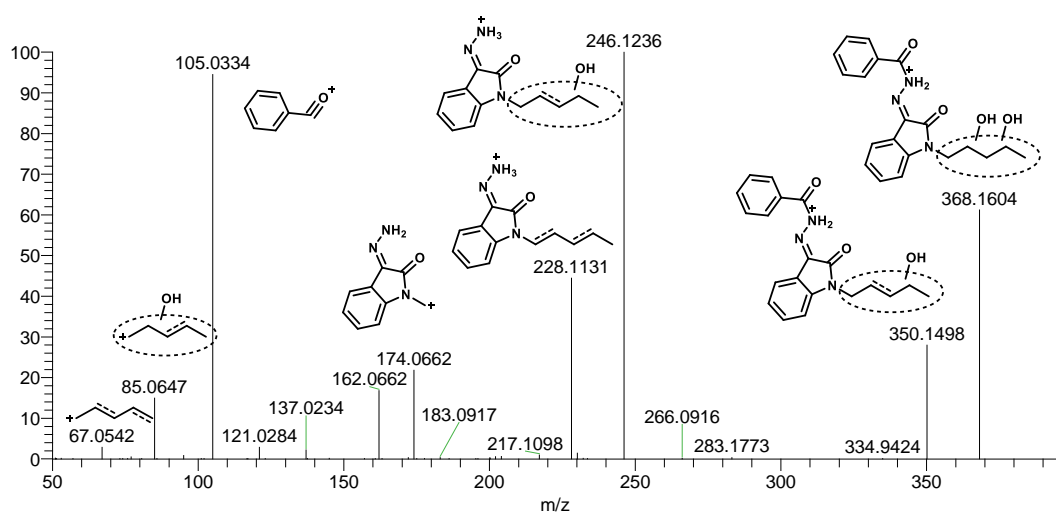
D3,4



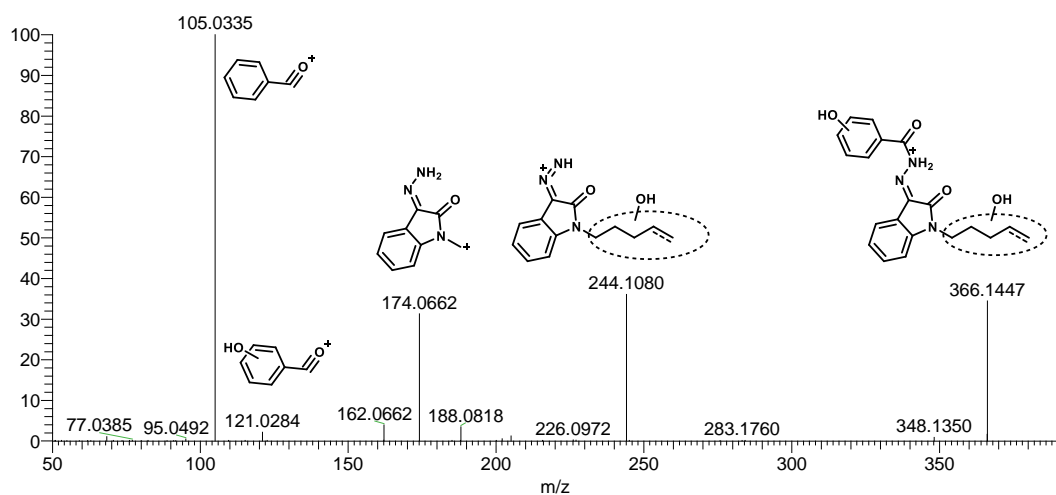
D5,6



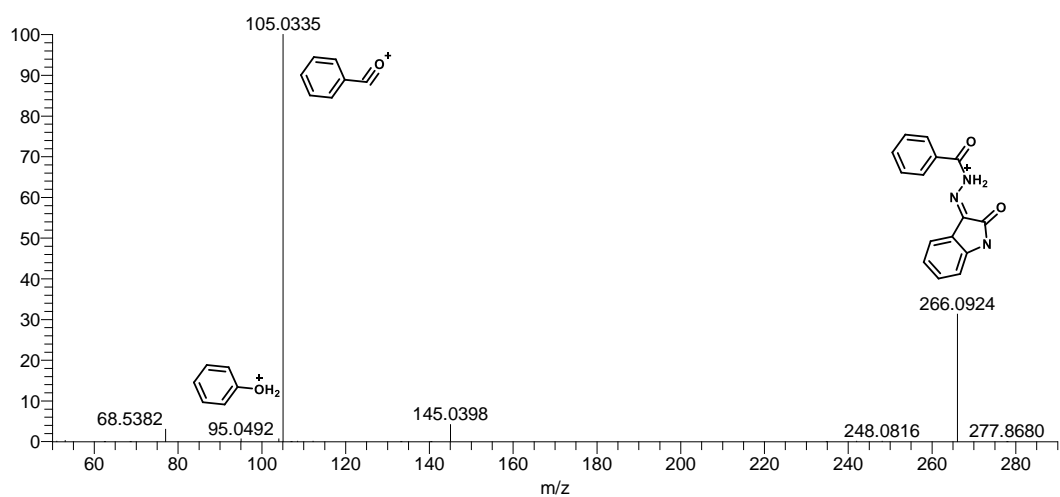
D7,8



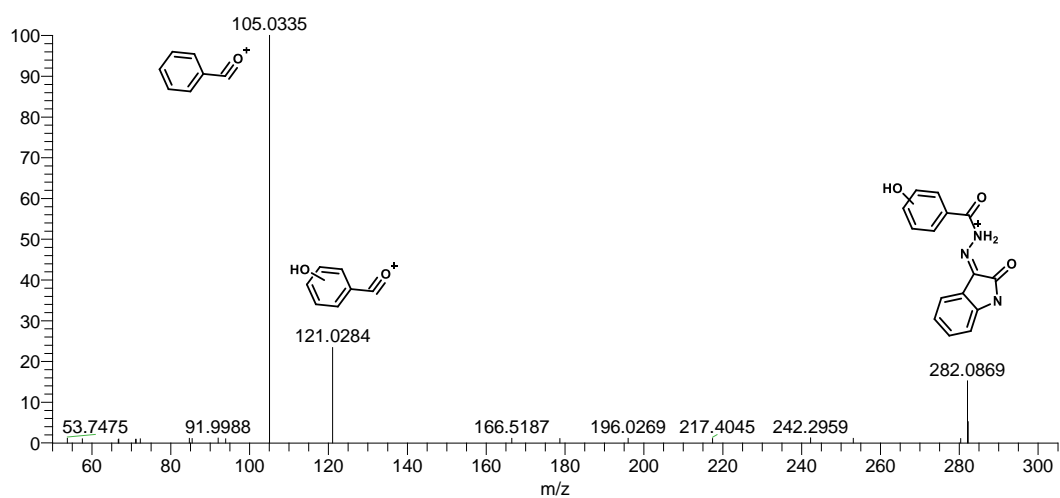
D9-11



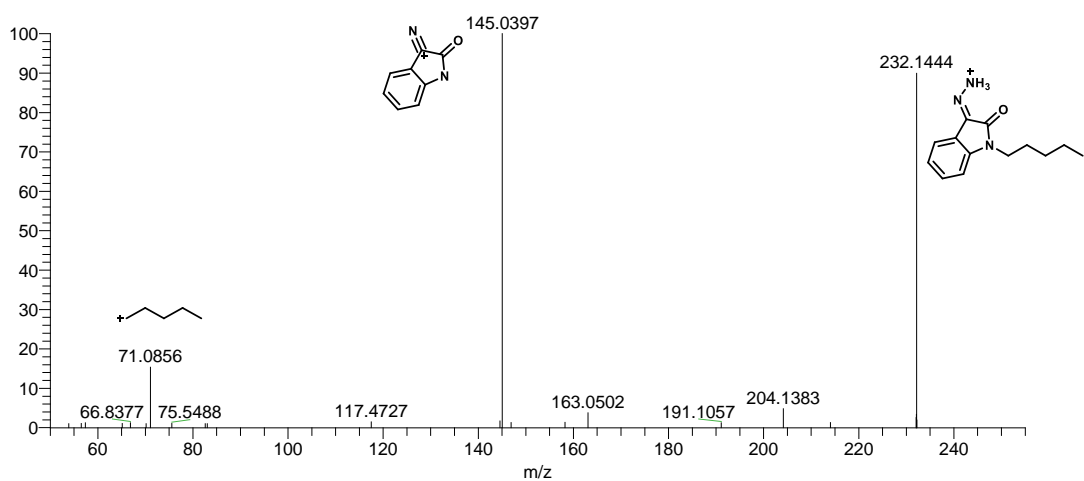
D12



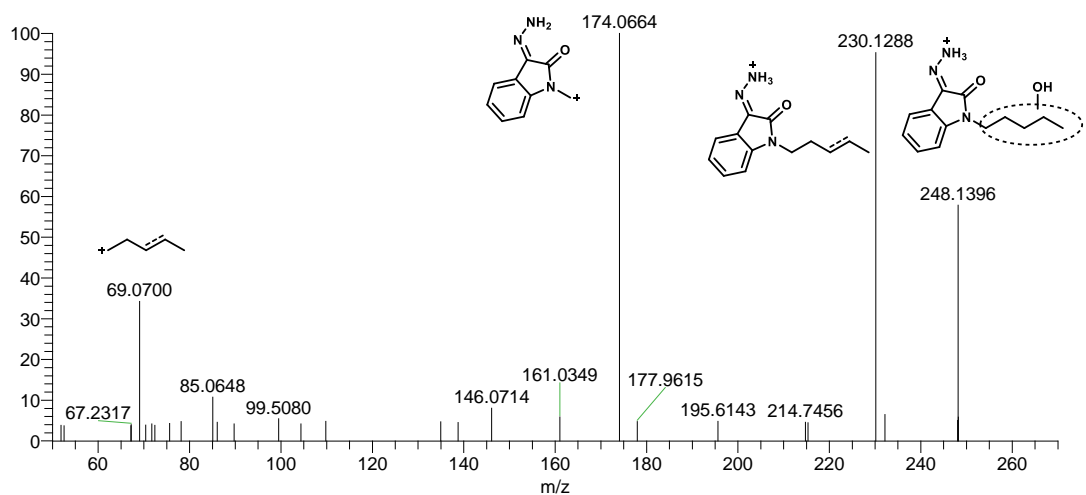
D13-15



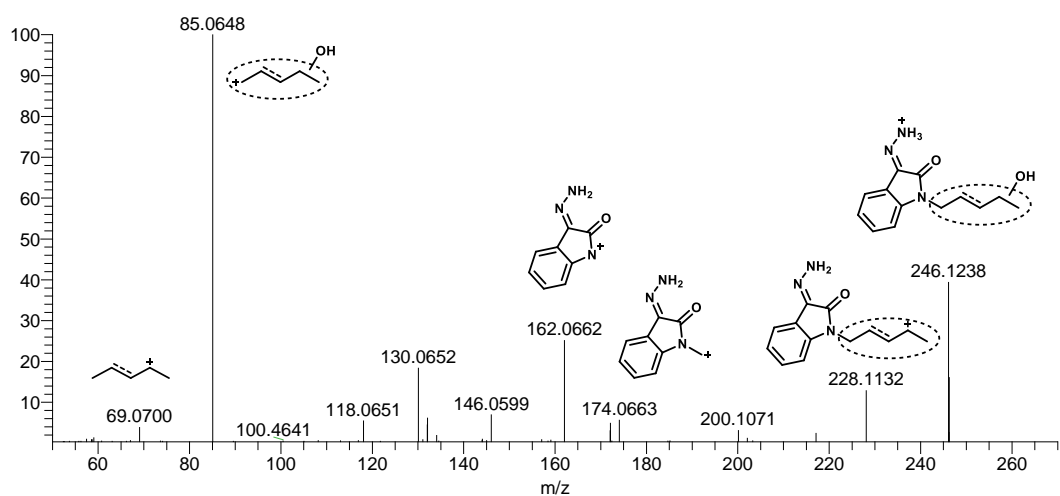
D16



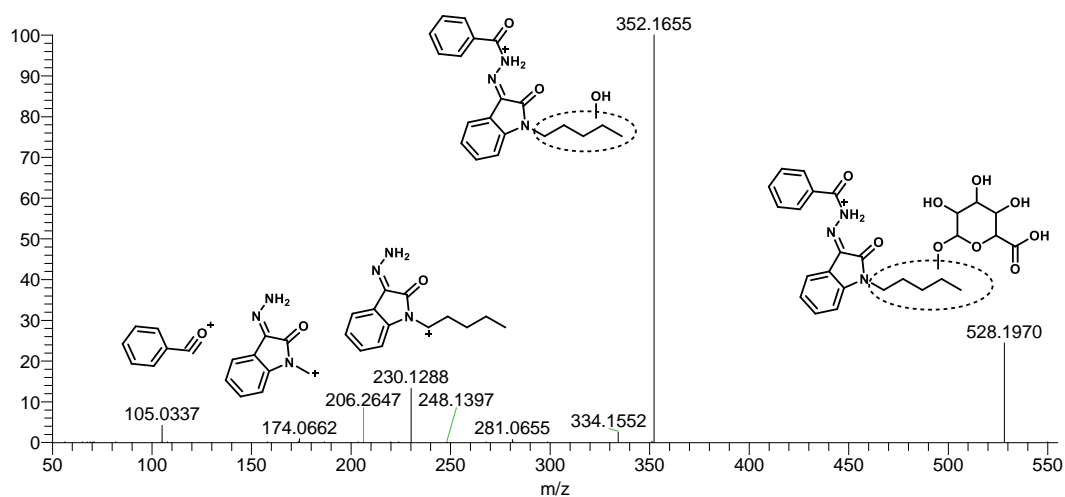
D17-20



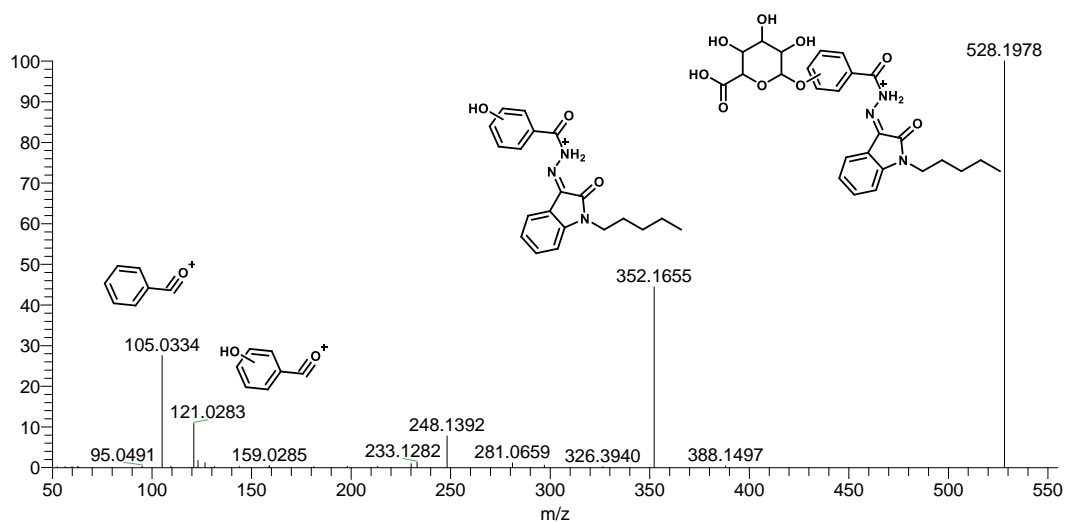
D21-25



D26



D27,28



D29,30

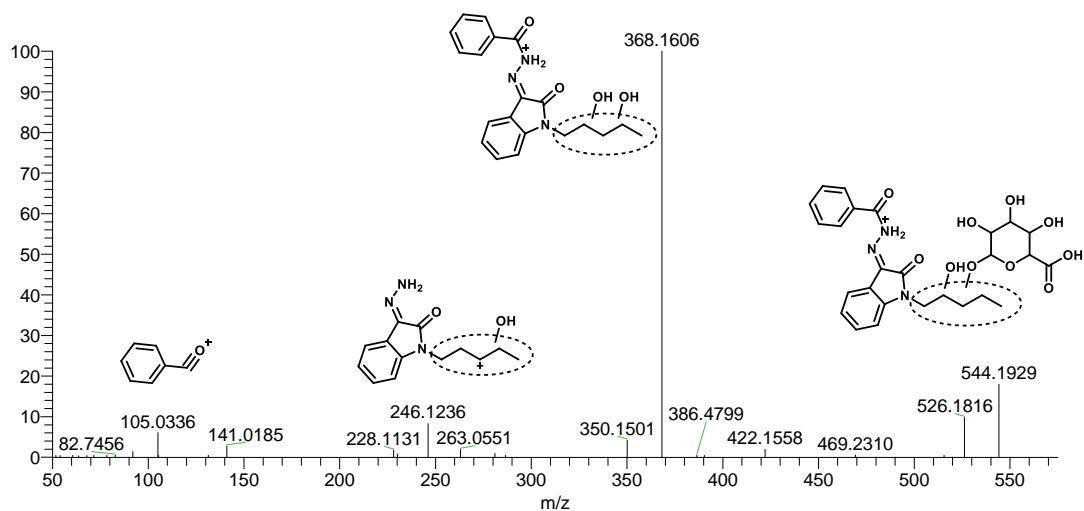
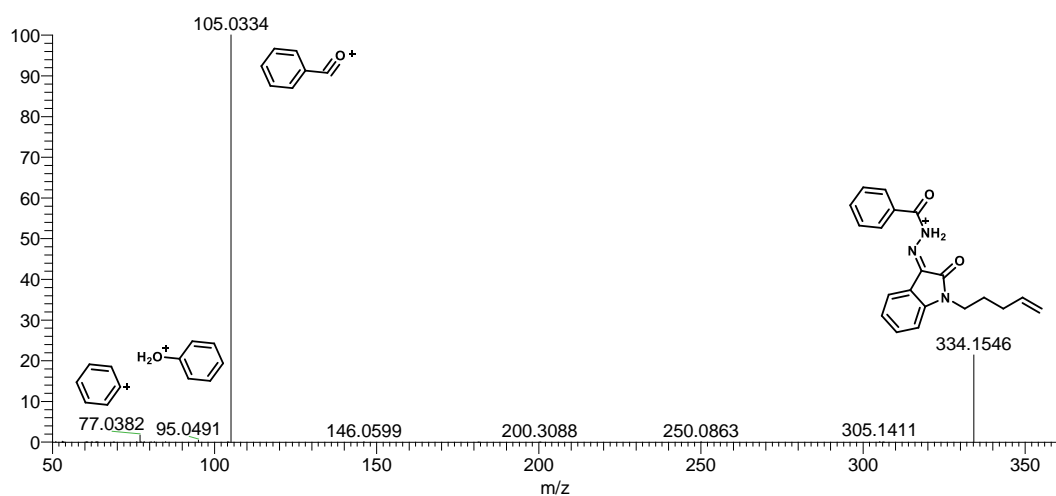
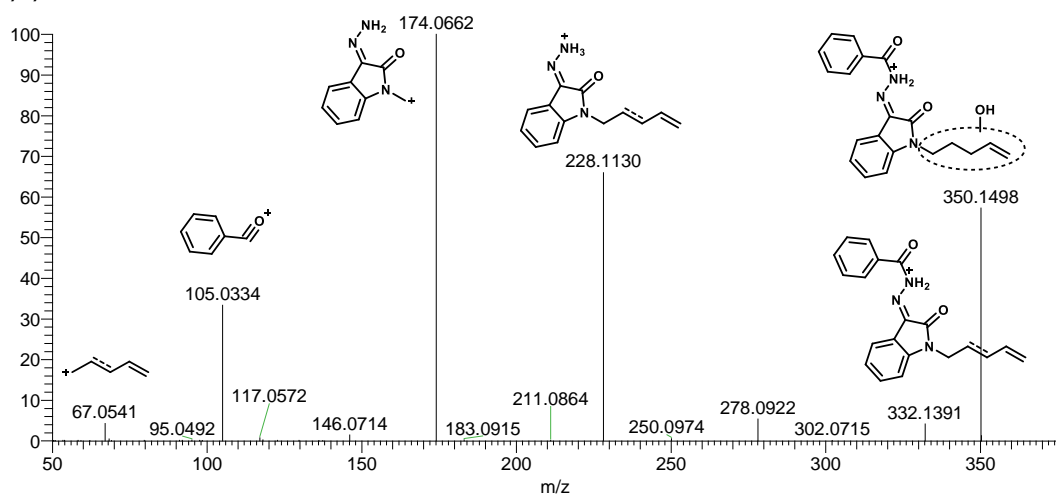


Figure S11. Mass spectrometry spectra and fragmentation of BZO-4en-POXIZID and its metabolites.

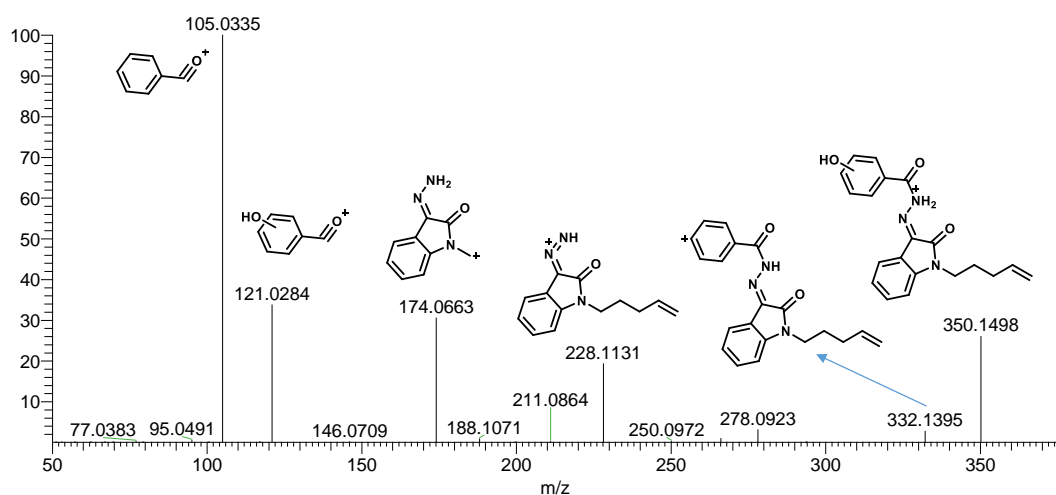
E0



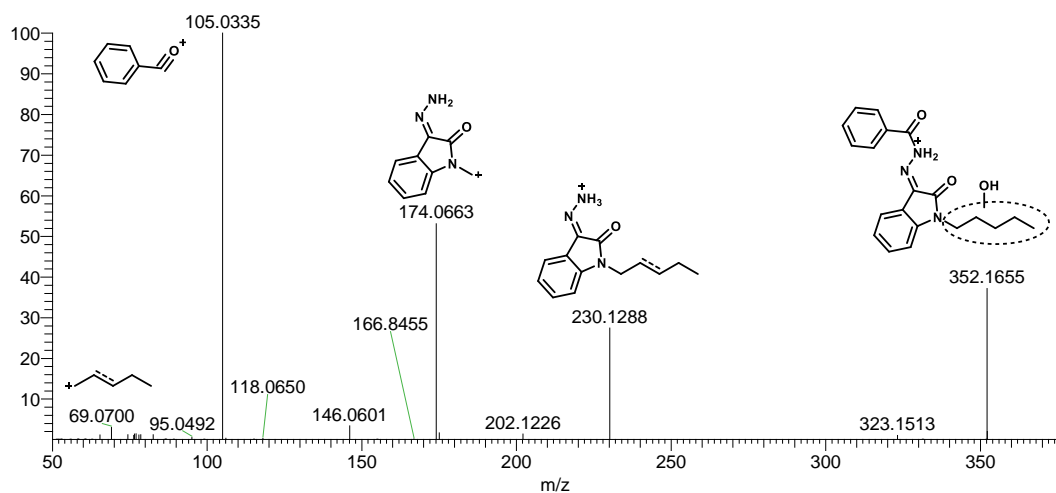
E1,2,3



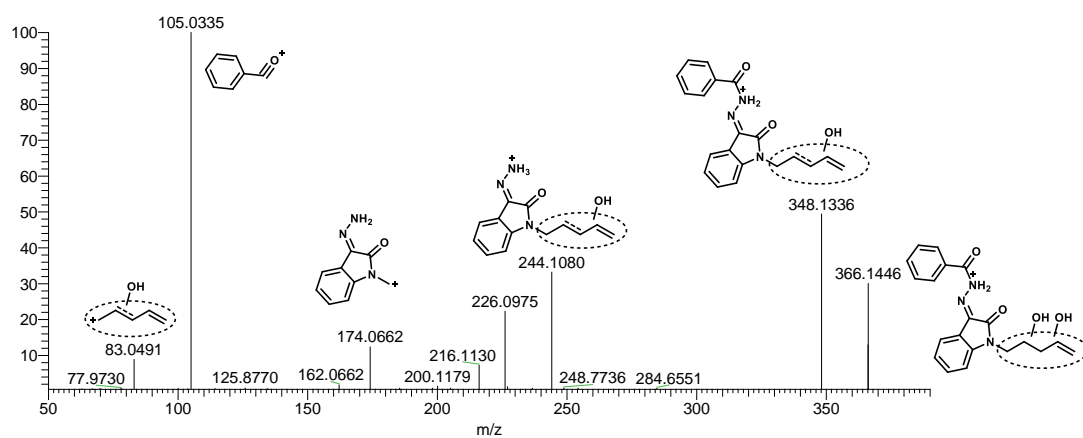
E4



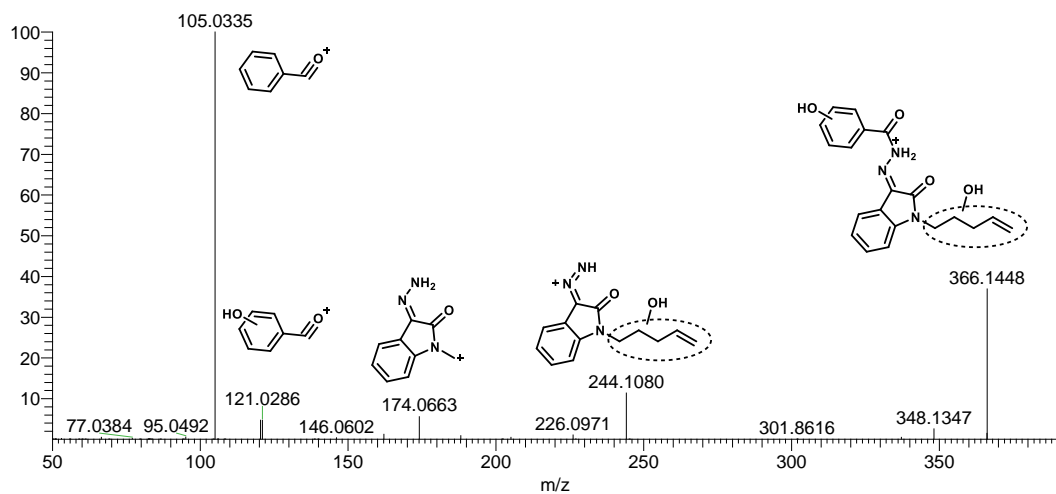
E5,6



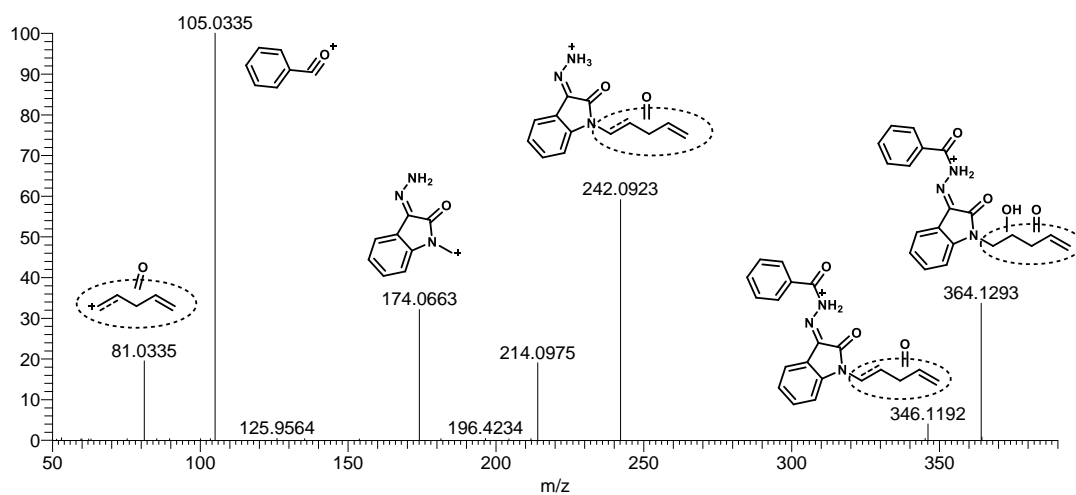
E7



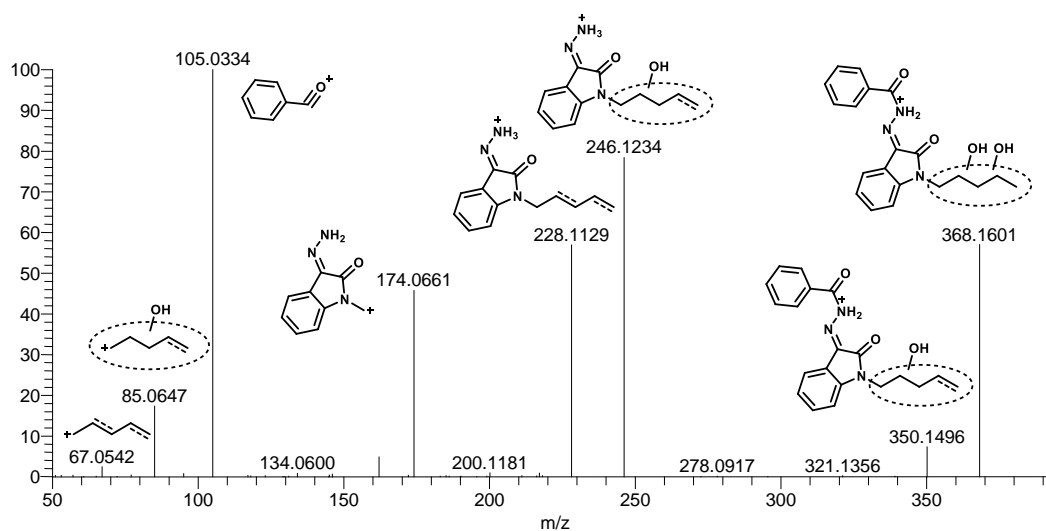
E8



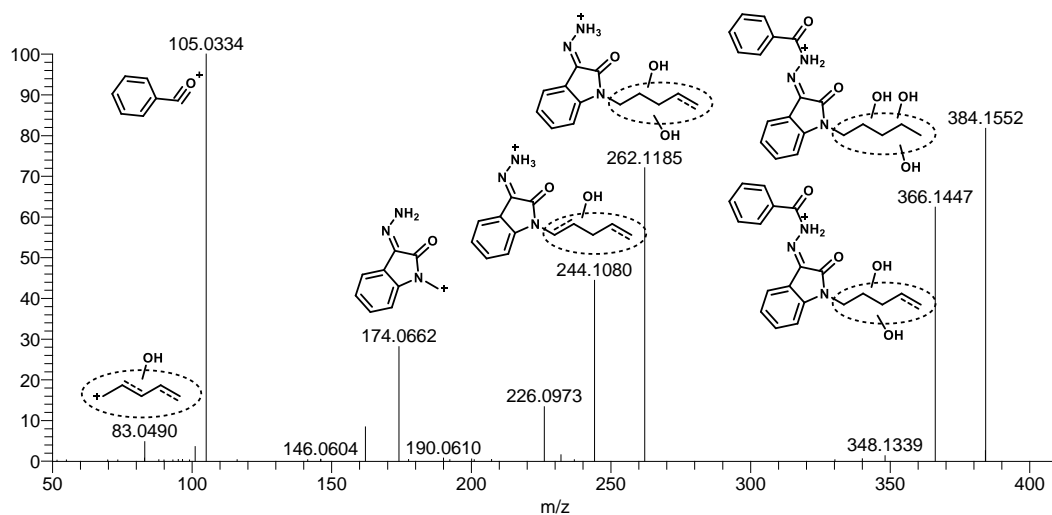
E9



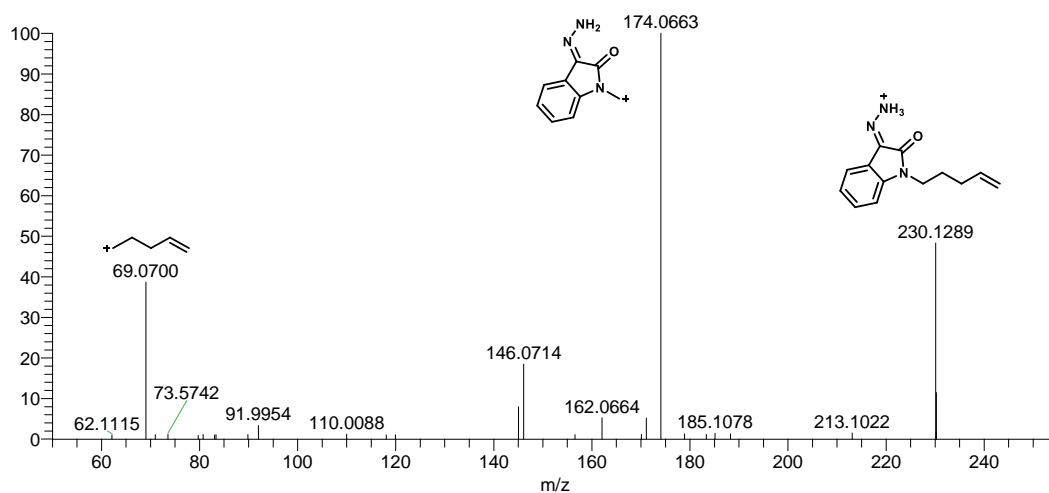
E10



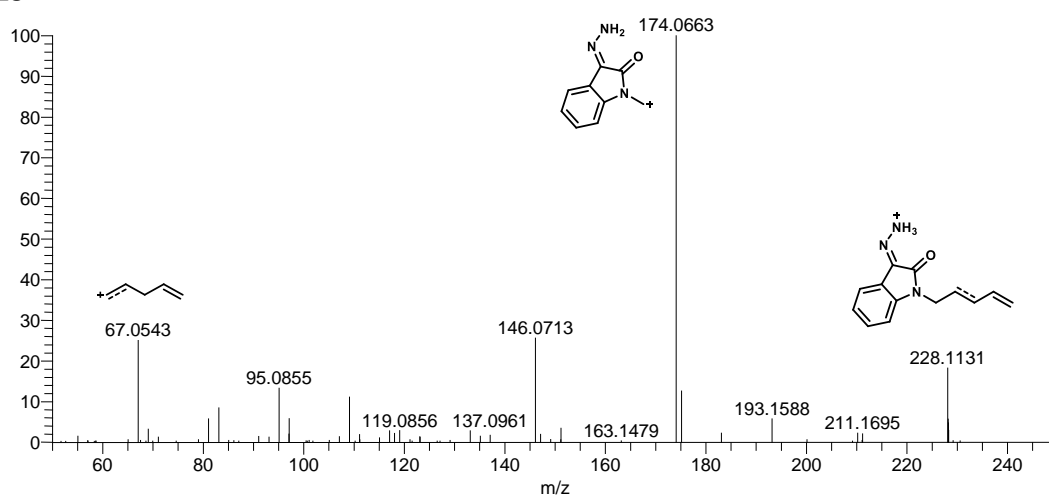
E11



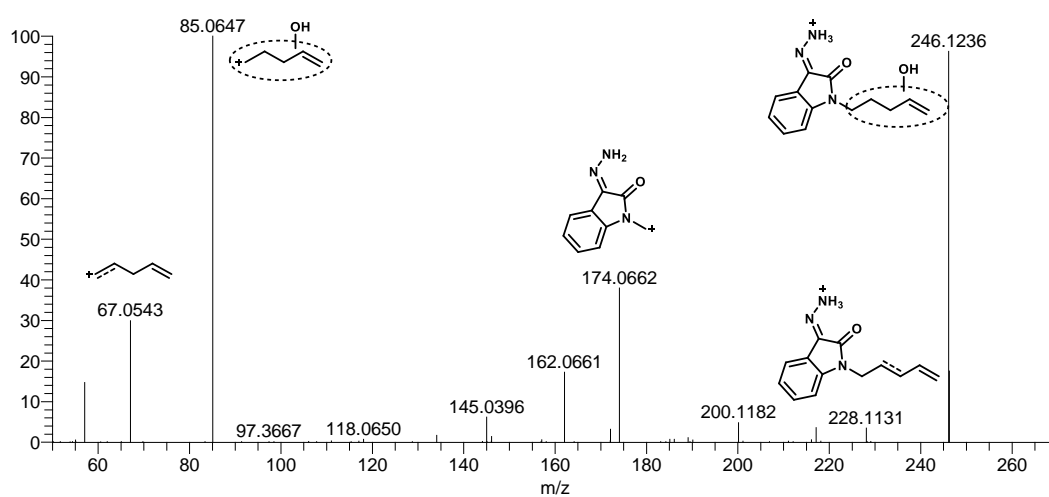
E12



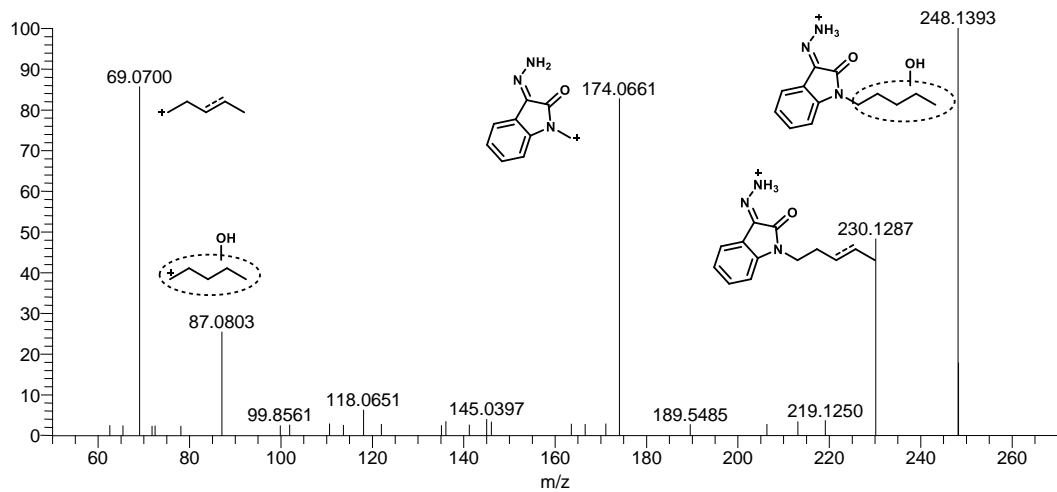
E13



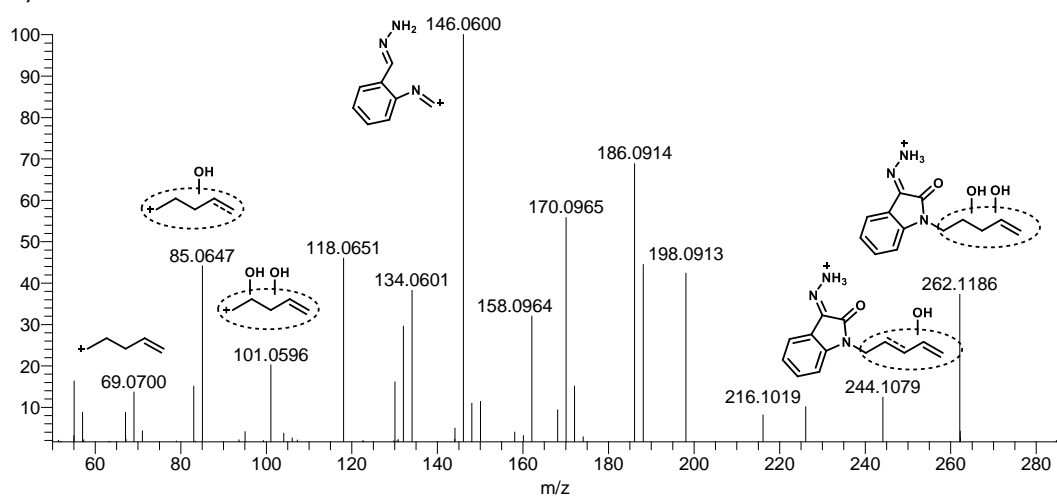
E14-16



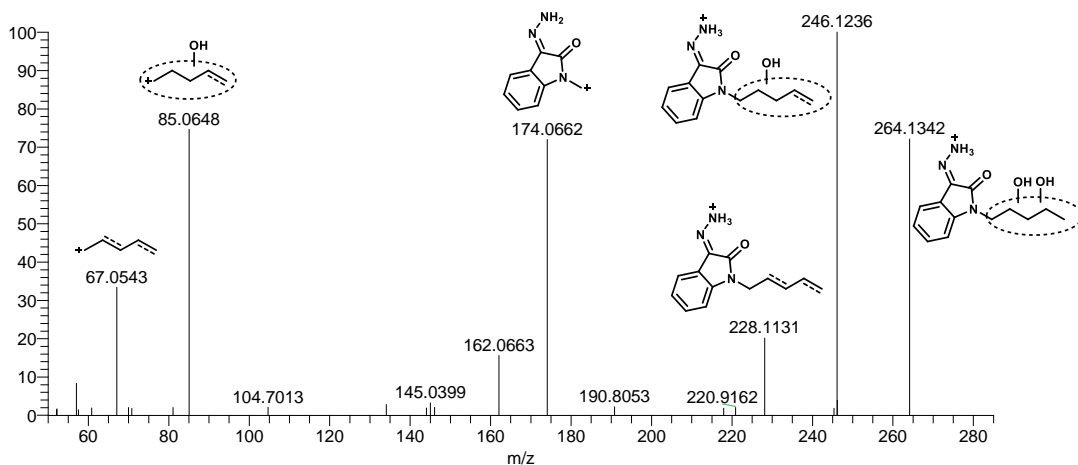
E17-19



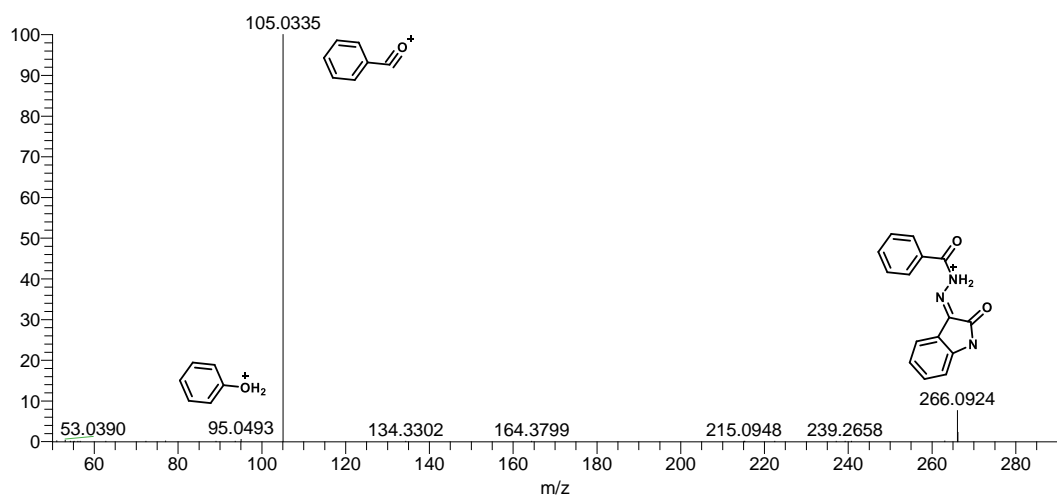
E20,21



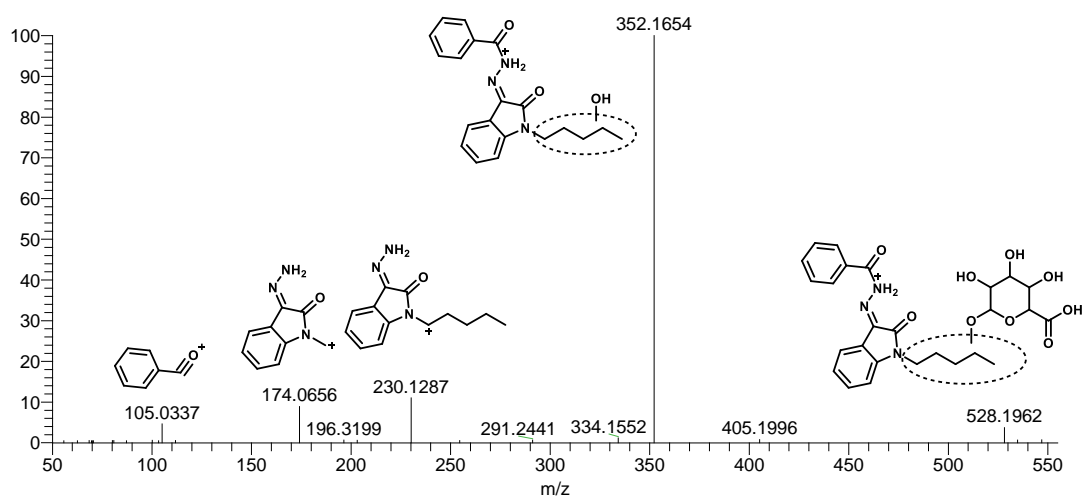
E22,23



E24



E25



E26

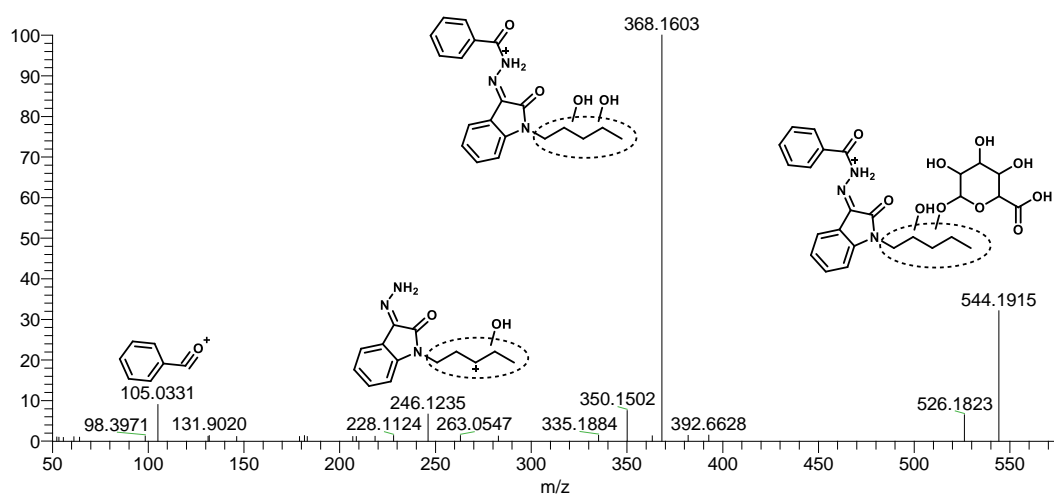
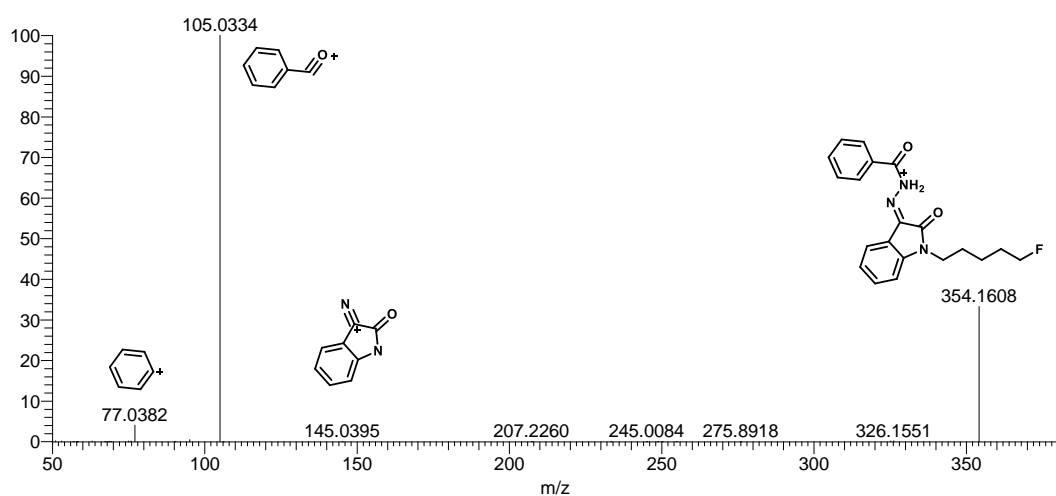
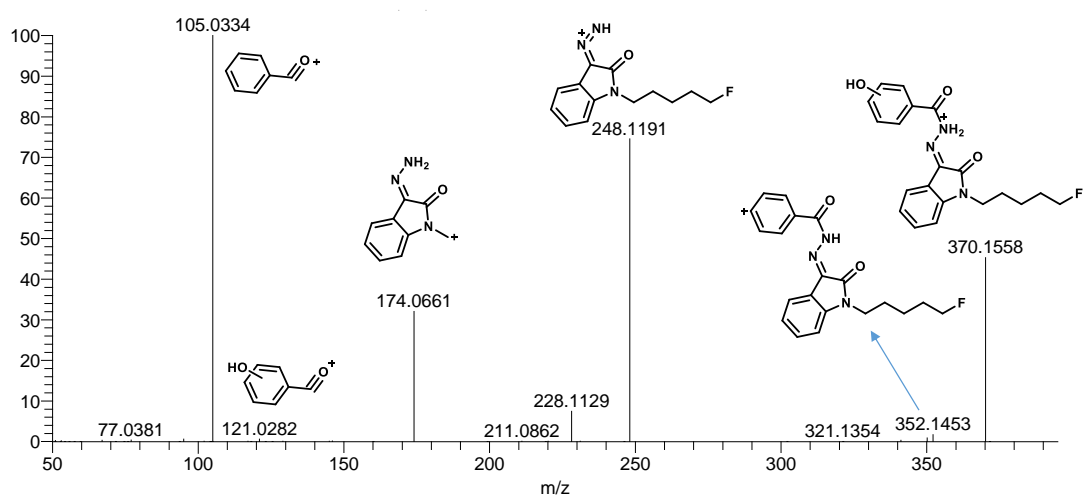


Figure S12. Mass spectrometry spectra and fragmentation of 5F-BZO-POXIZID and its metabolites.

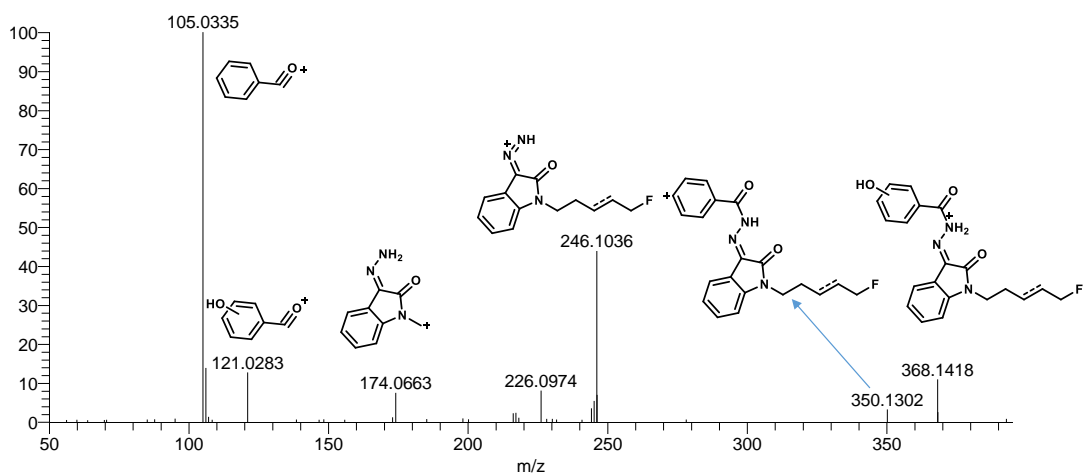
F0



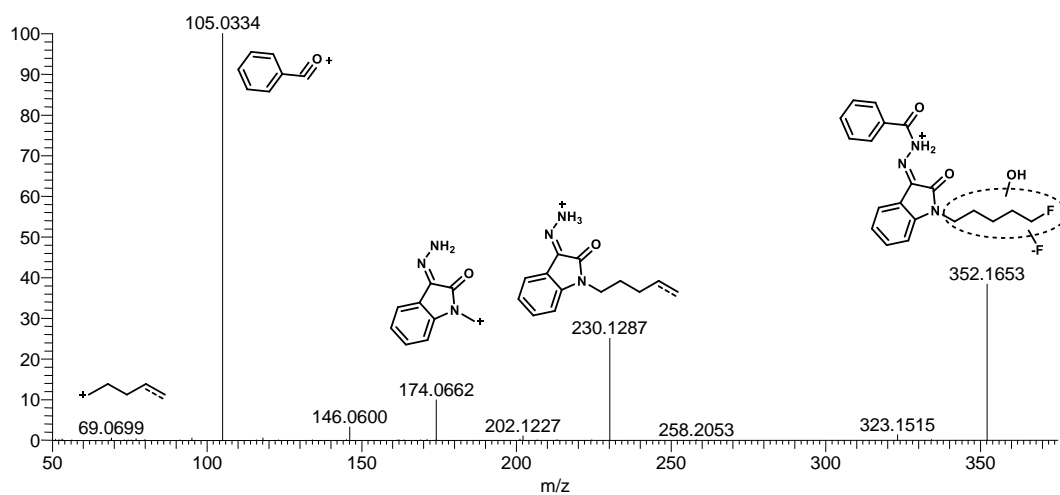
F1,2



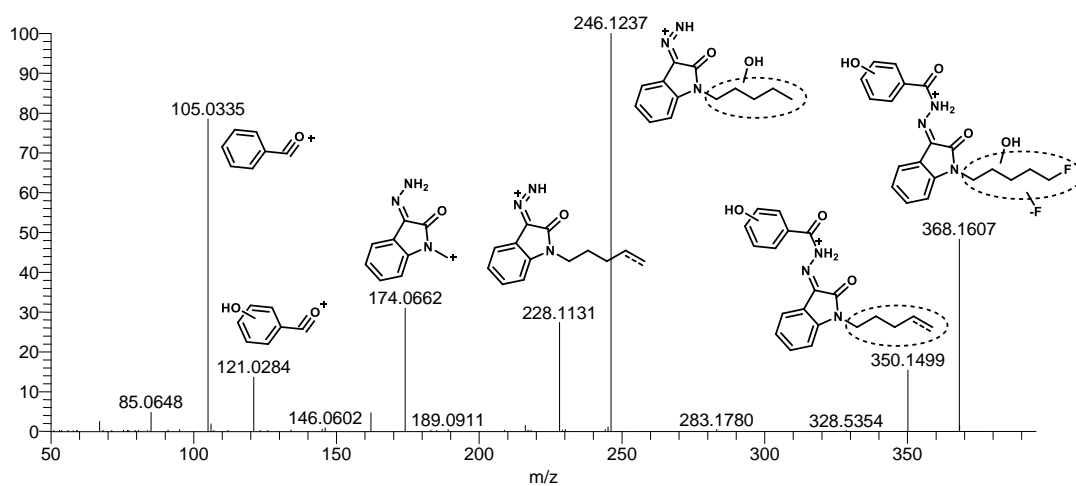
F3-5



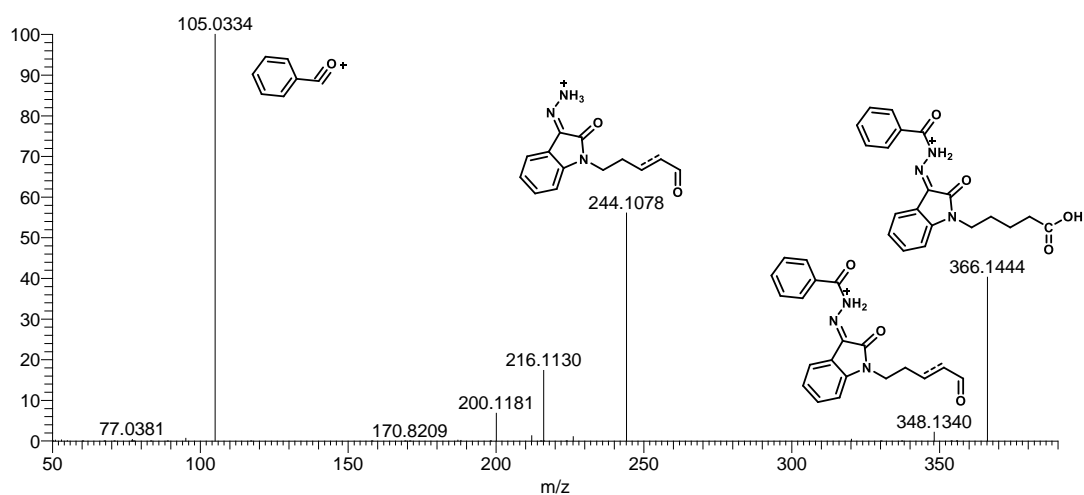
F6,7



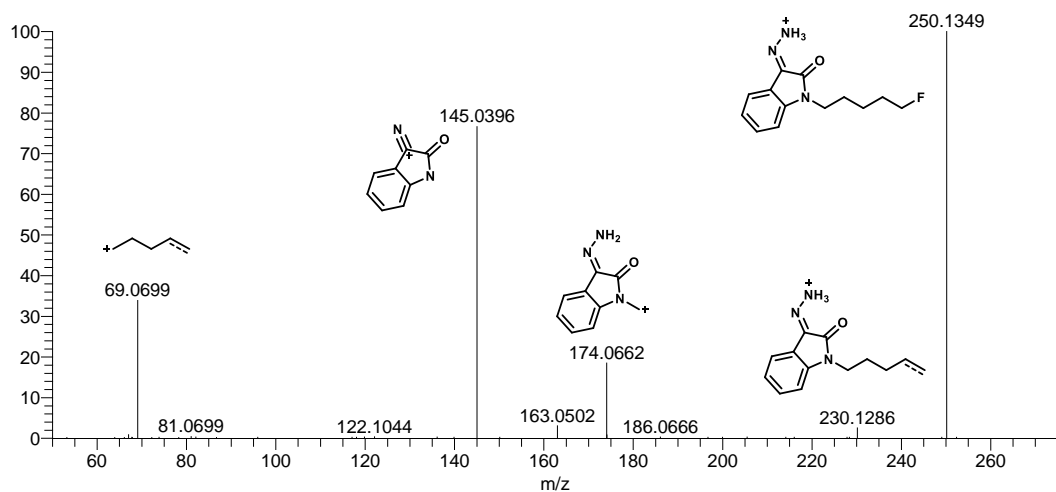
F8-10



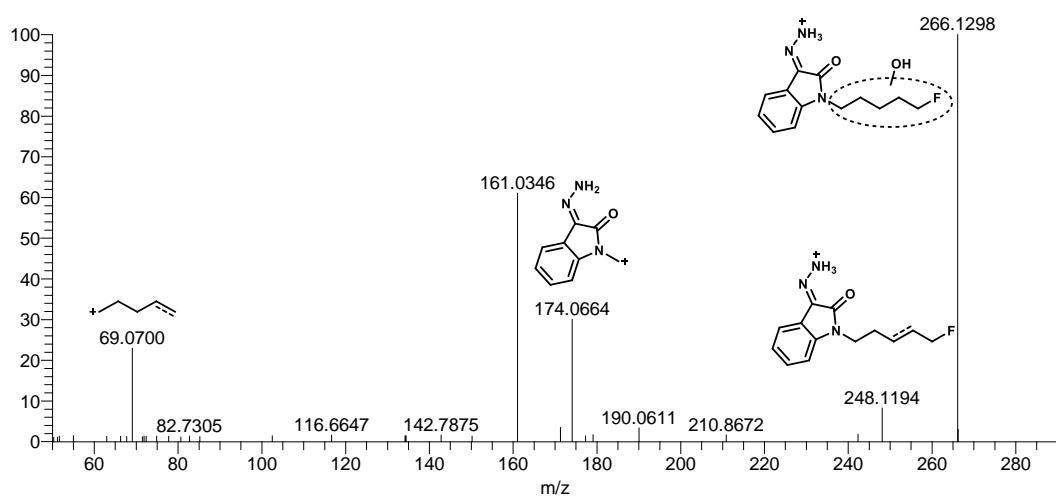
F11



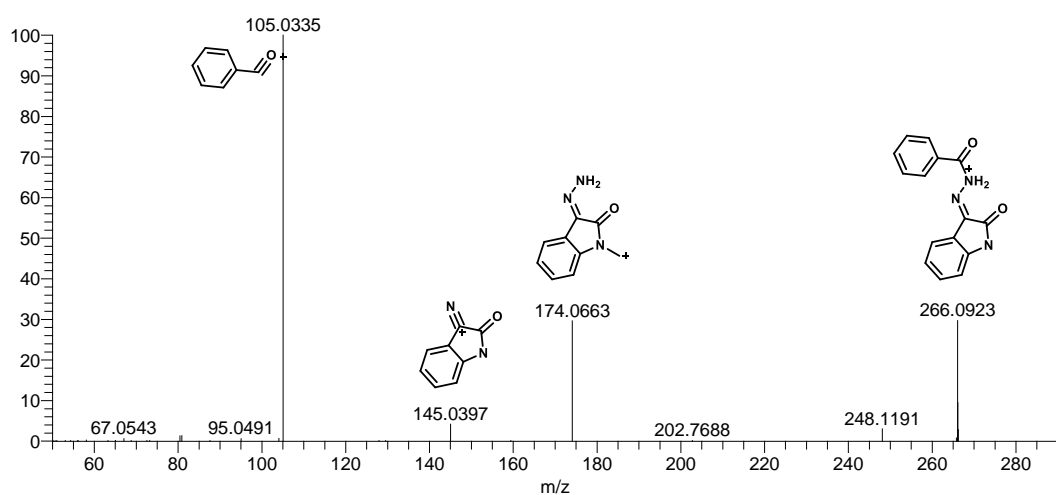
F12



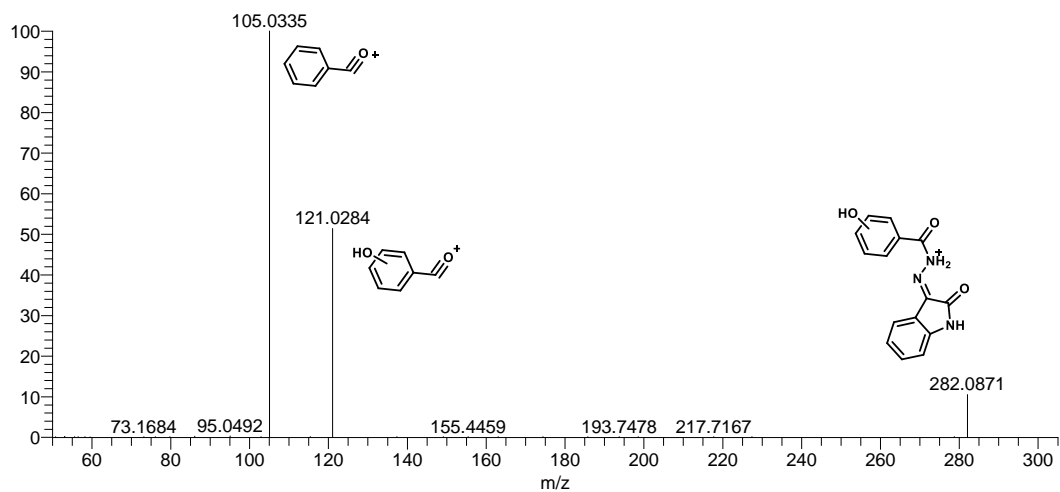
F13-15



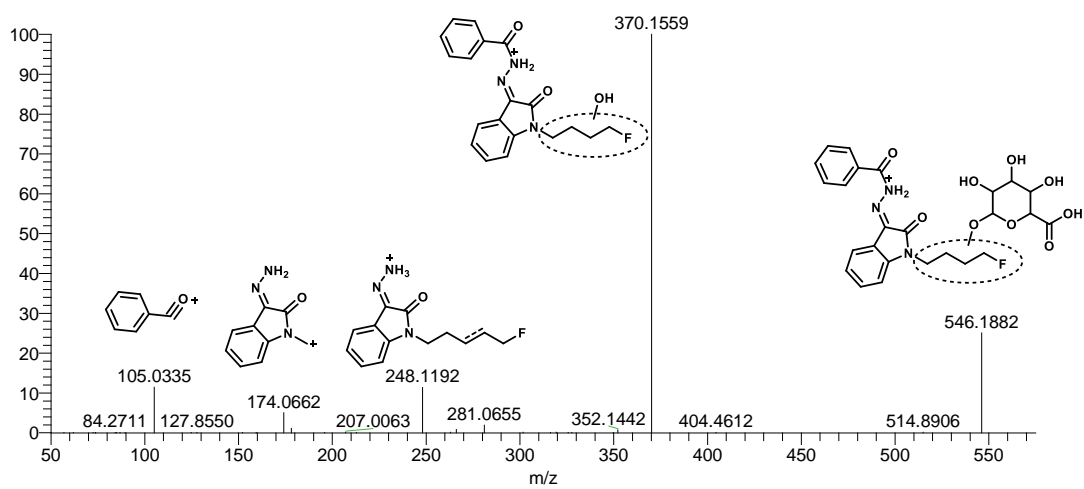
F16



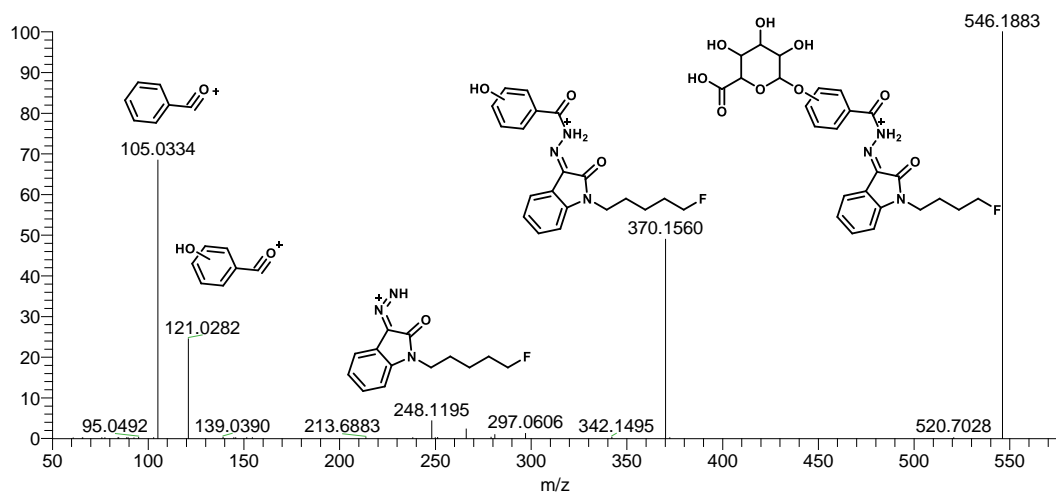
F17-19



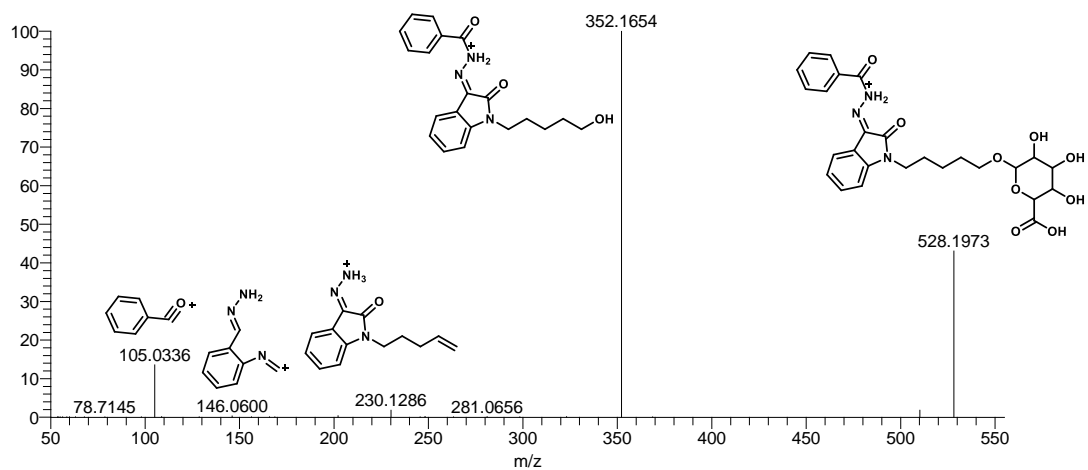
F20



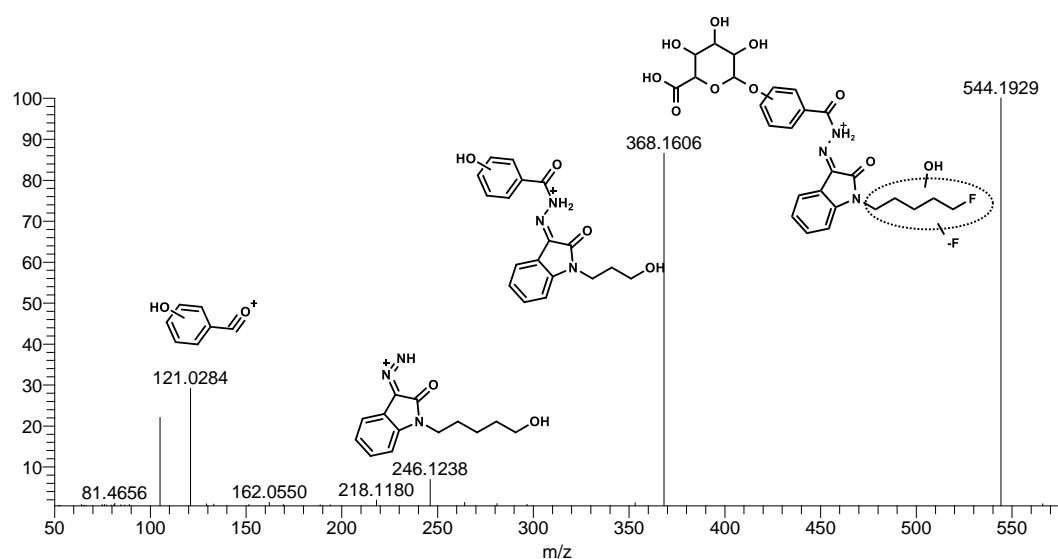
F21



F22



F23



F24

