

## **Electronic Supplementary Information**

### **Selective and Diagnostic Labelling of Serine Hydrolases with Reactive Phosphonate Inhibitors**

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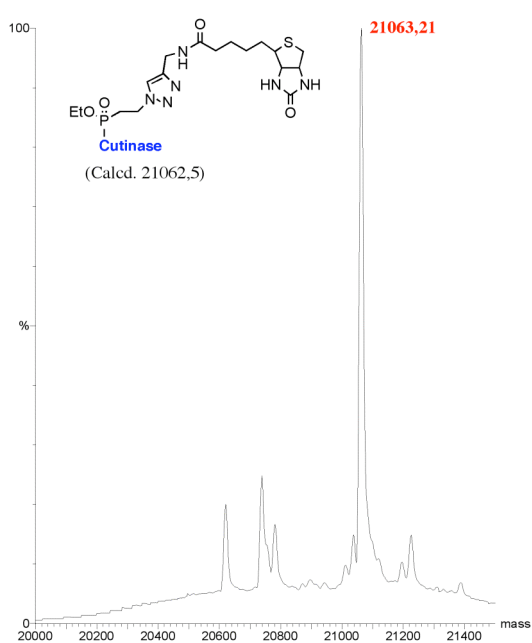
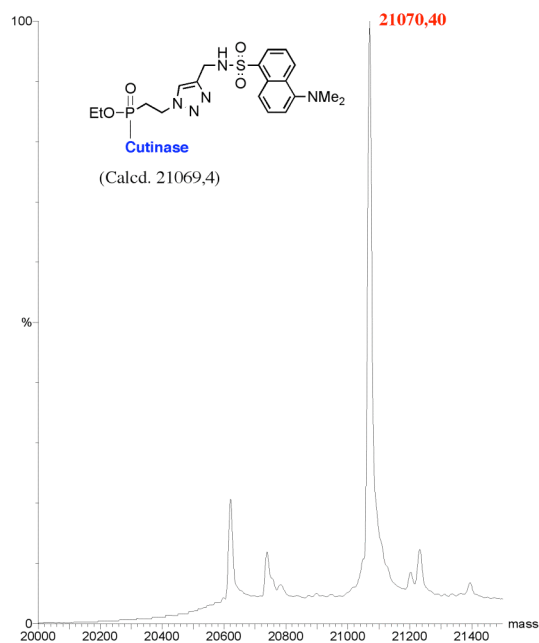
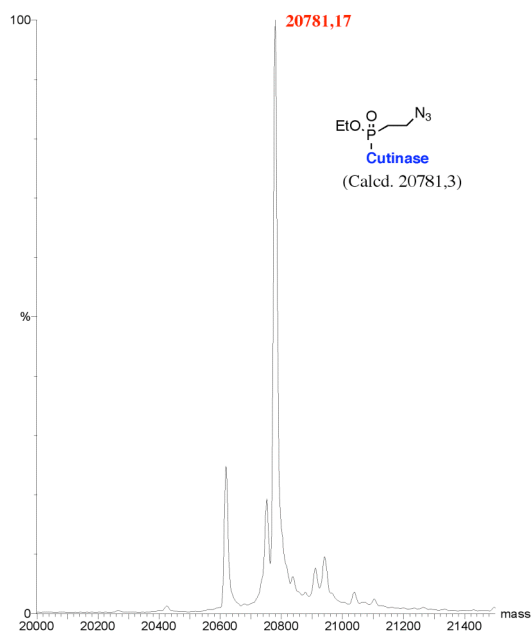
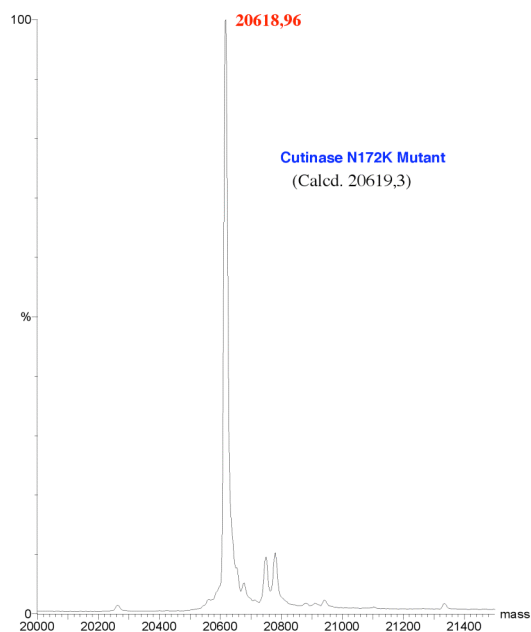
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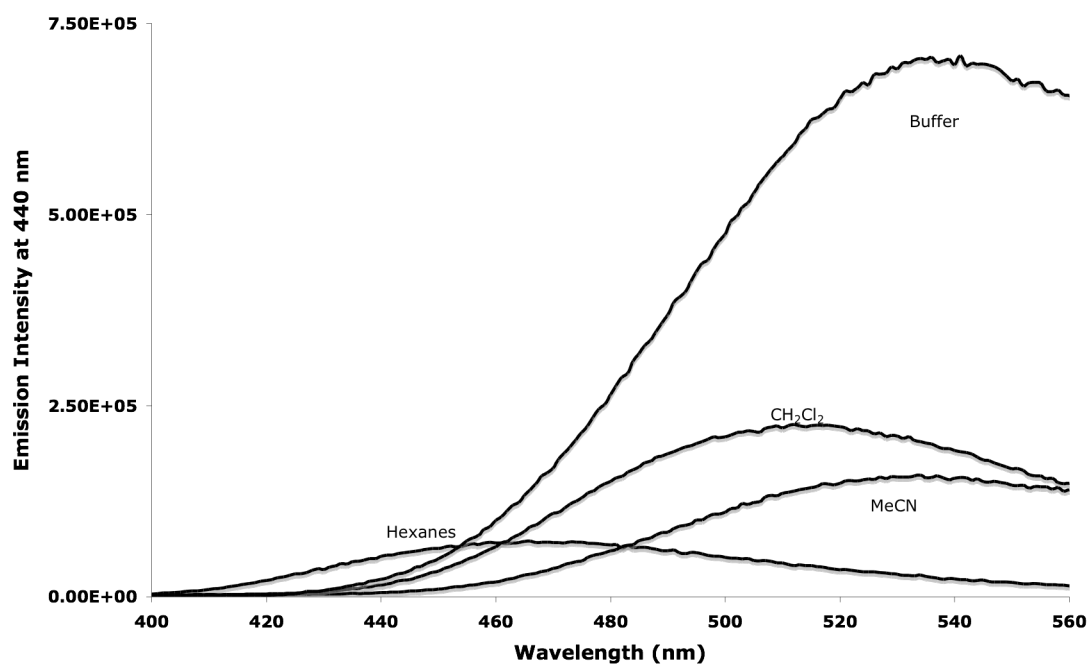
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# ESI-MS spectra of cutinase (N172K mutant), cutinase-3, cutinase-41 and cutinase-4b.



### Fluorescence spectra of PNP phosphonate probe 4a in various solvents:



Buffer = 150 mM NH<sub>4</sub>OAc buffer.