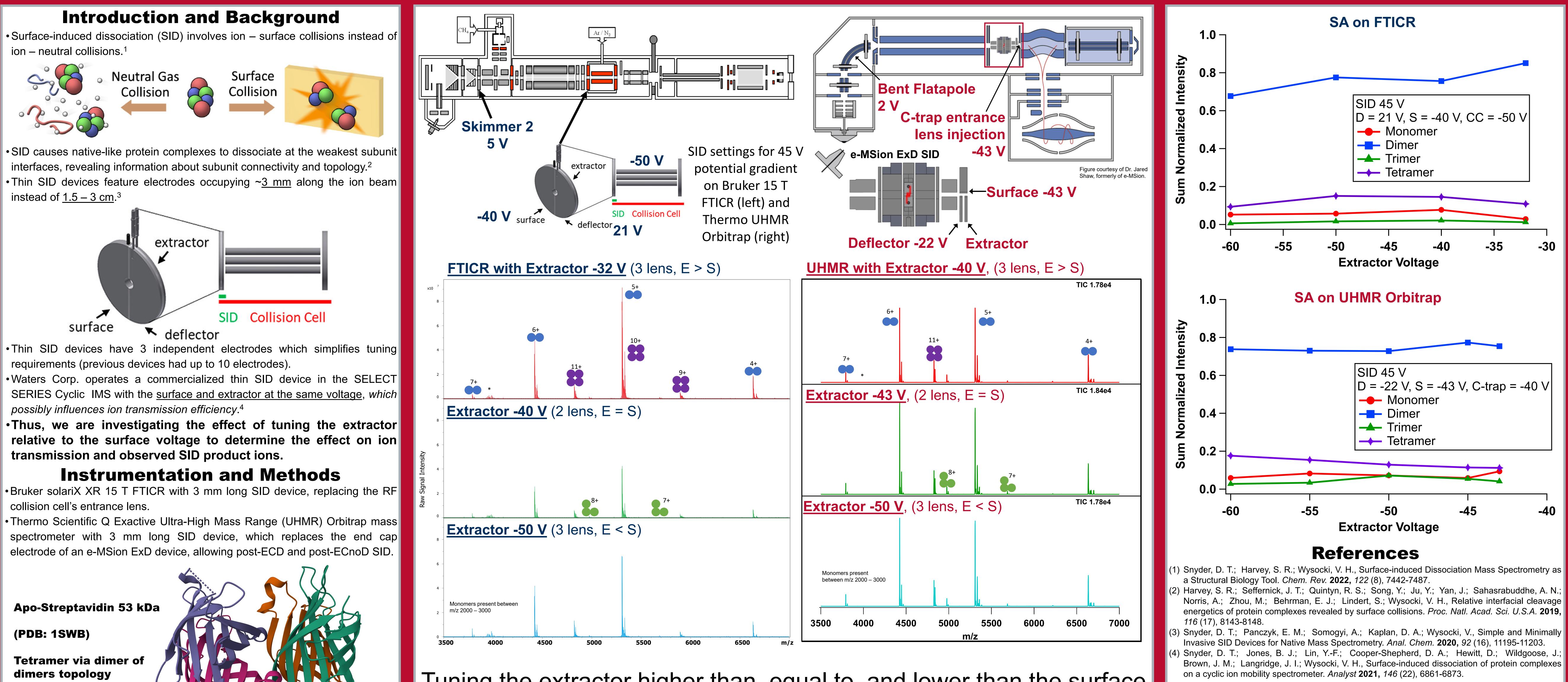
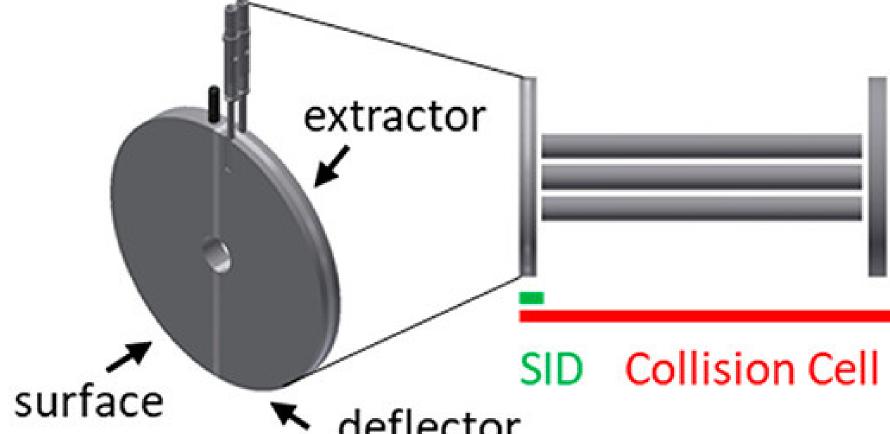


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ion – neutral collisions.¹



- interfaces, revealing information about subunit connectivity and topology.²
- instead of 1.5 3 cm.³

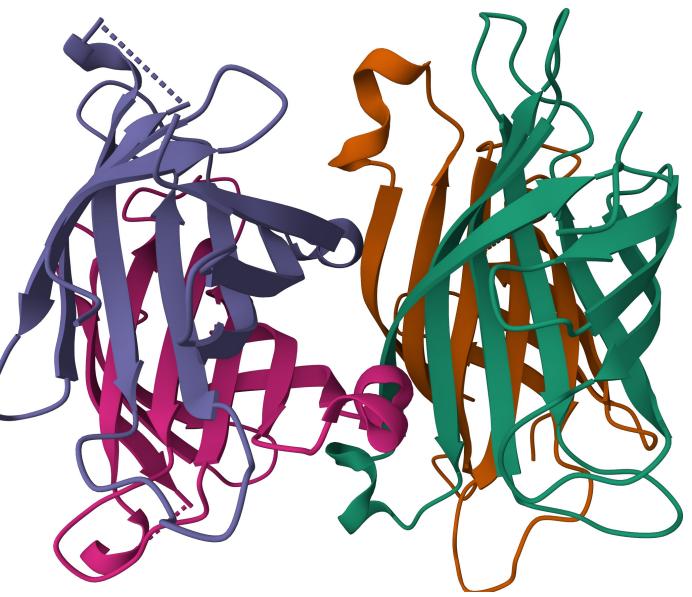


- requirements (previous devices had up to 10 electrodes).
- possibly influences ion transmission efficiency.⁴
- transmission and observed SID product ions.

- collision cell's entrance lens.

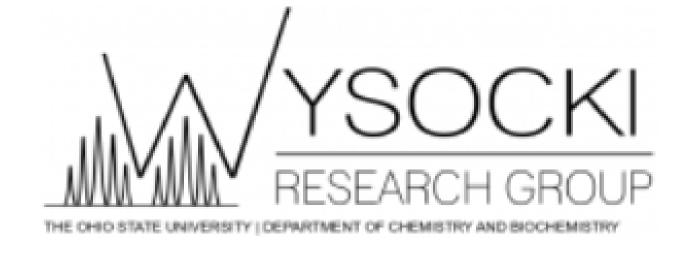
(PDB: 1SWB)

Tetramer via dimer of dimers topology



Simplified Operation of Thin Surface-induced Dissociation Devices

Tuning the extractor higher than, equal to, and lower than the surface voltage had minimal effect on observed spectra and signal intensity.



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 The Ohio State University Campus Chemical Instrument Center for FTICR time Dr. Jared Shaw and e-MSion for the ExD-SID device (SBIR R43GM140749) on the UHMR Orbitrap The Resource for Native MS-guided Structural Biology is funded by NIH National Institute of General Medical Sciences (P41GM128577).