

Supporting Information

For

Molecular Mapping of Neutral Lipids using Silicon Nanopost Arrays and TIMS Imaging Mass Spectrometry

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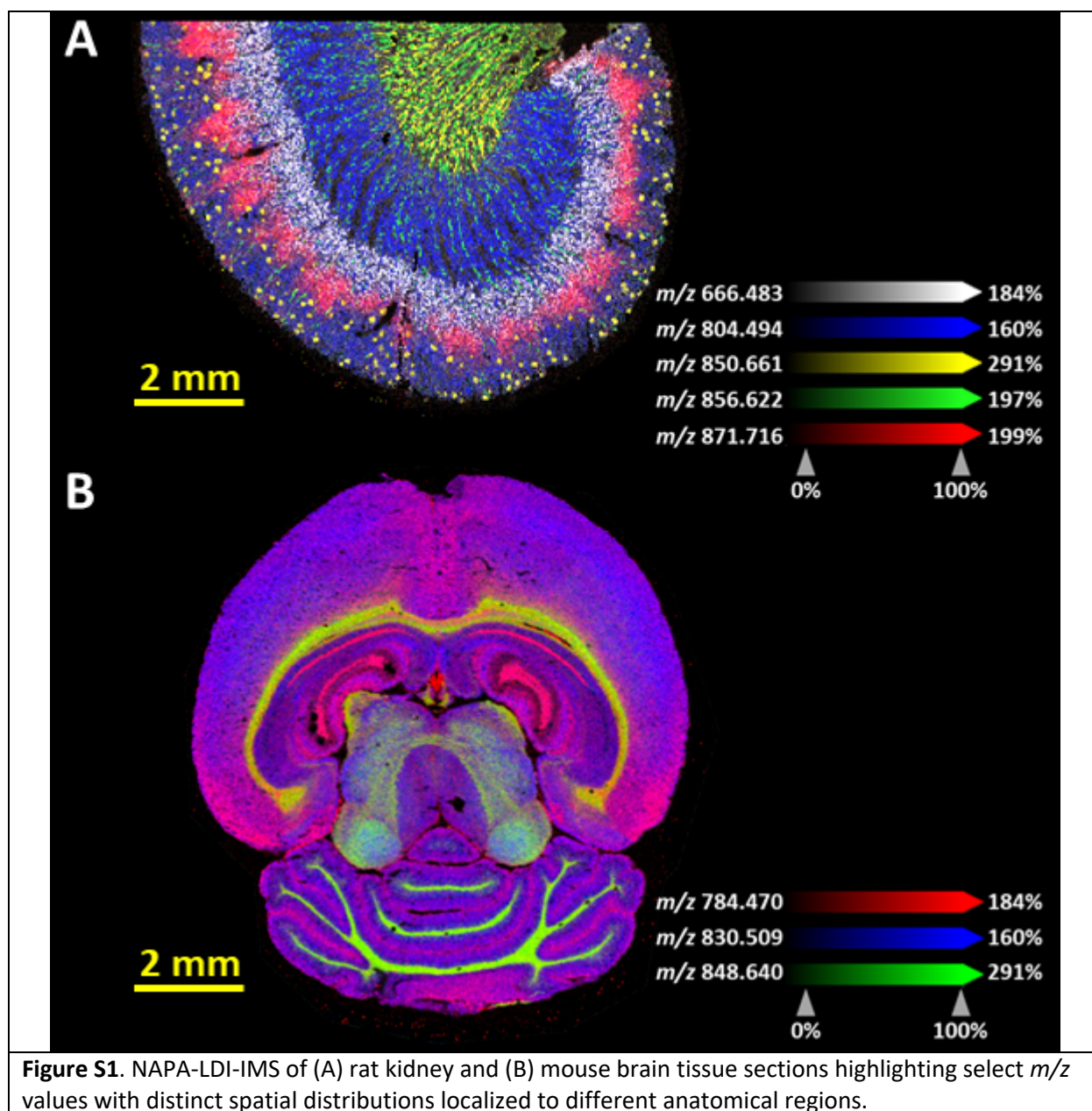
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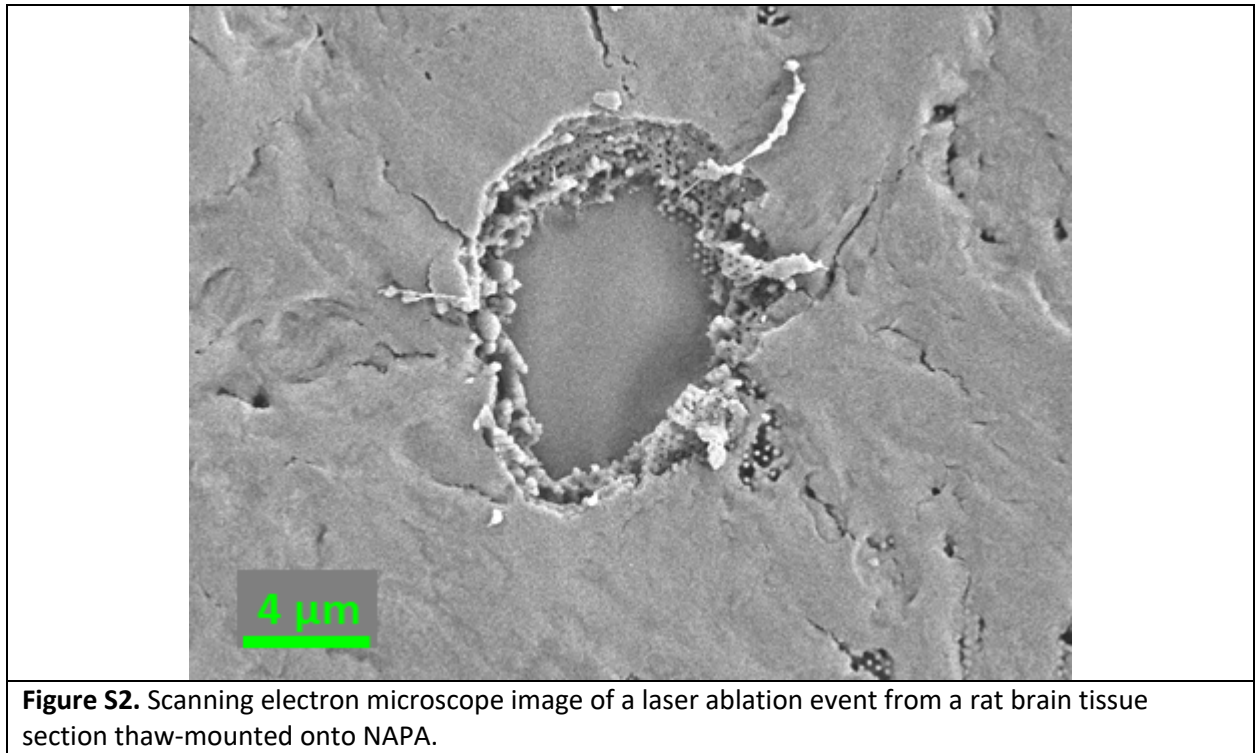
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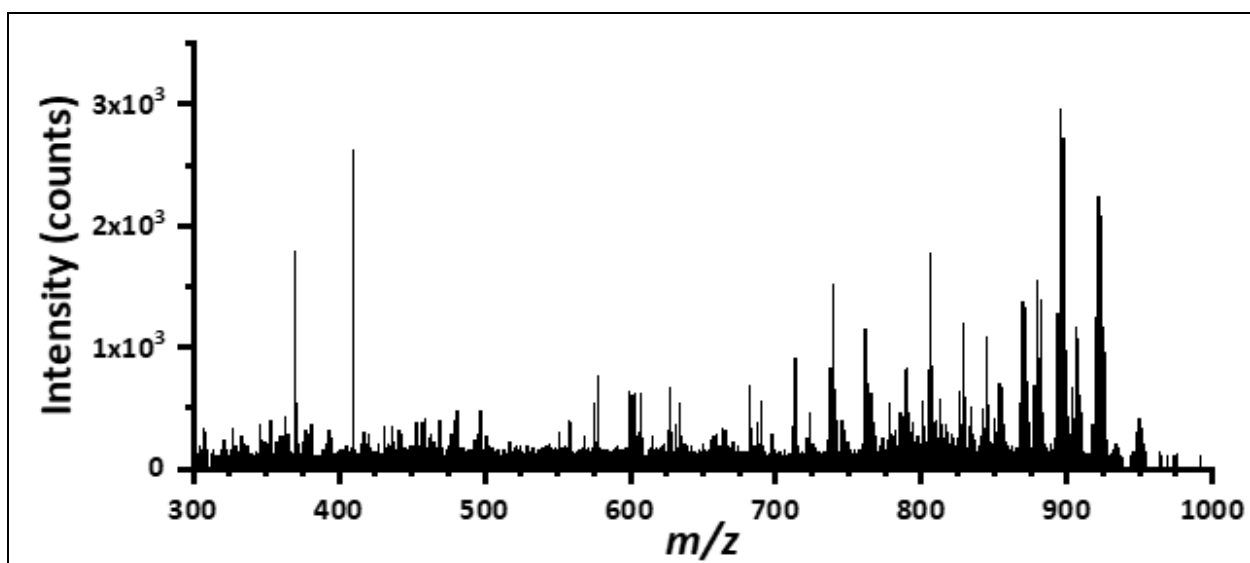


Figure S3. Averaged mass spectrum from imaging of rat kidney tissue section at 20 μm spatial resolution.

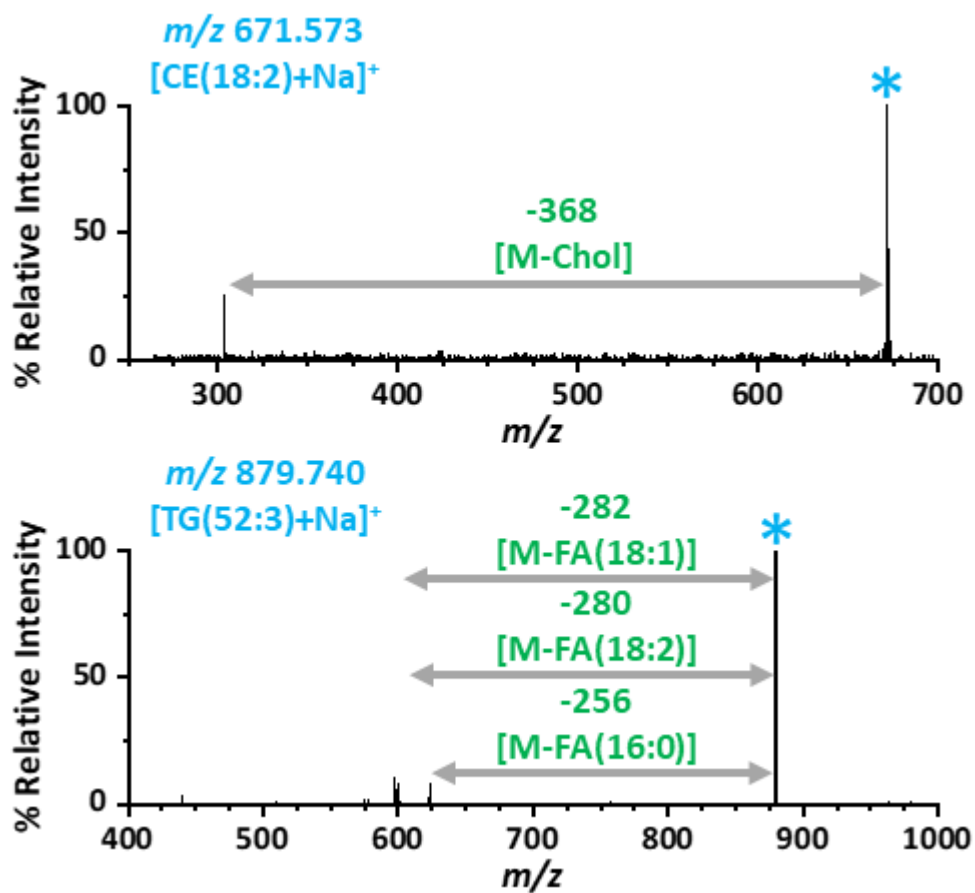
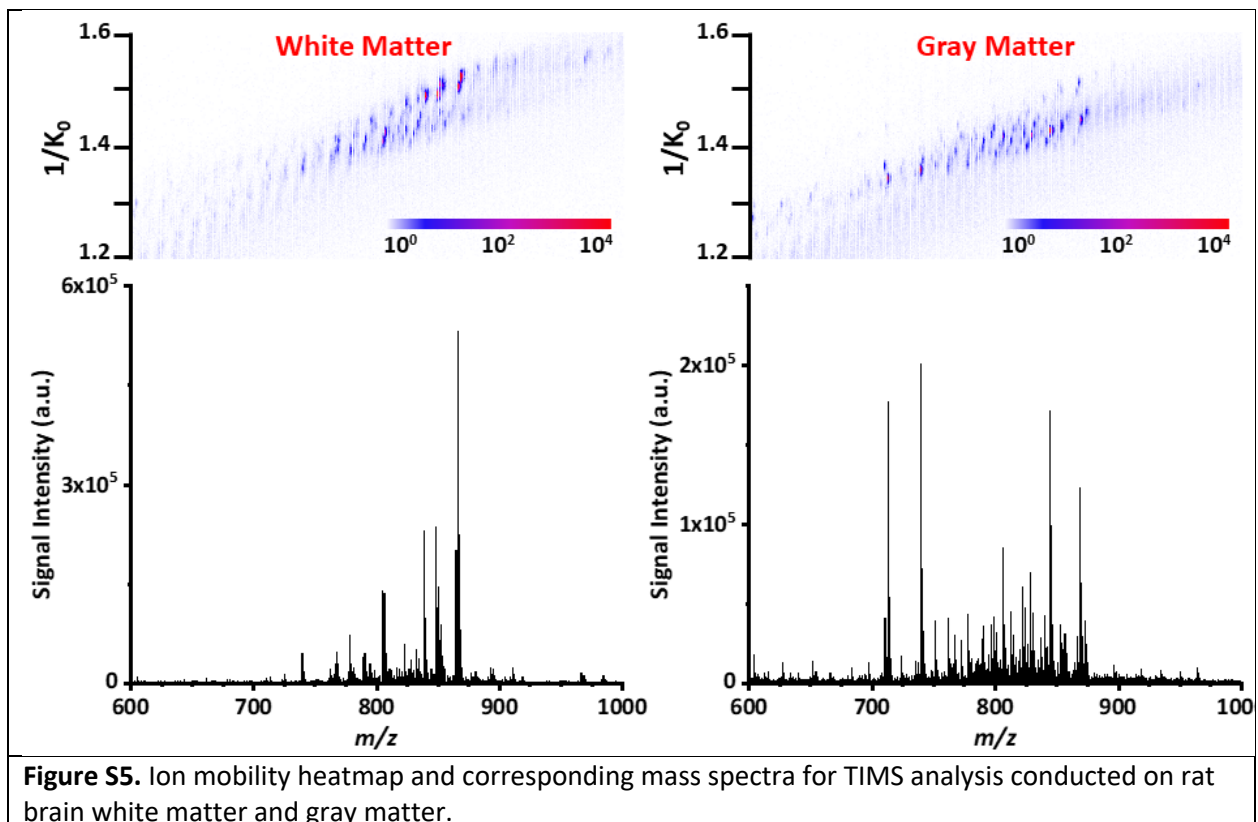


Figure S4. Tandem MSMS of neutral lipid species CE(18:2) and TG(52:3) collected from outer cortex region of rat kidney using collisional induced dissociation.



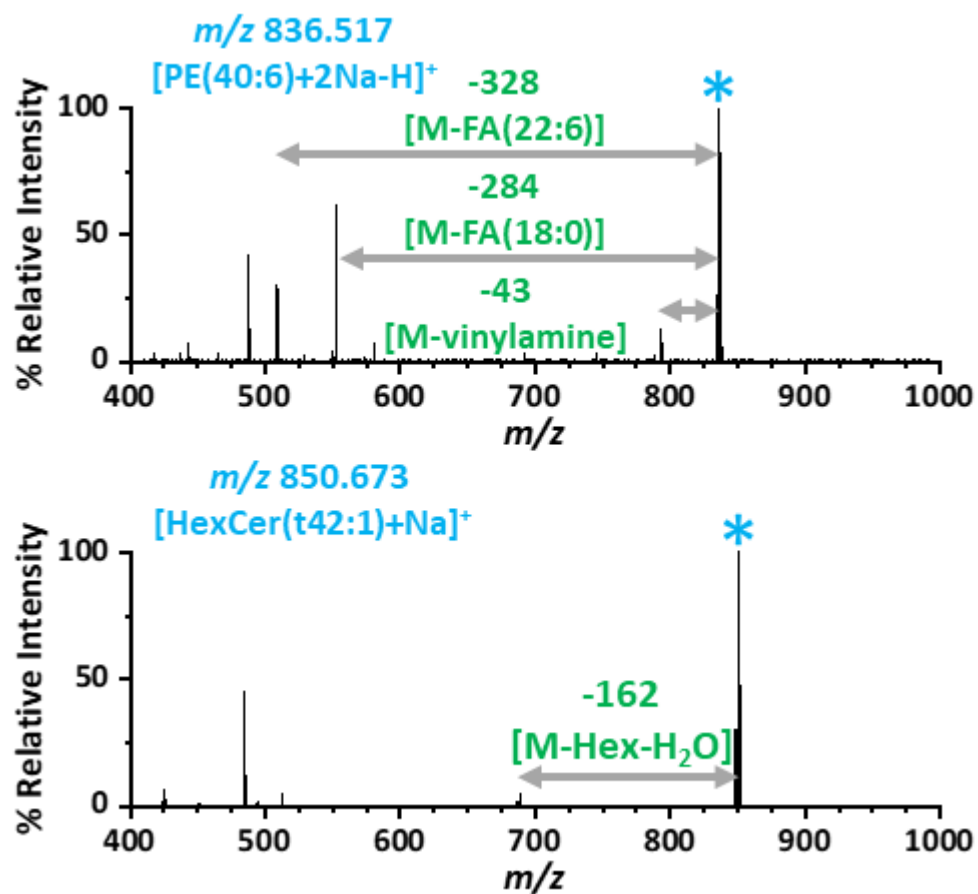


Figure S6. Tandem MSMS of lipid species PE(40:6) and HexCer(42:1) collected from rat brain tissue using collisional induced dissociation.

