

Deconvolution of HTL biocrude through FT-ICR MS

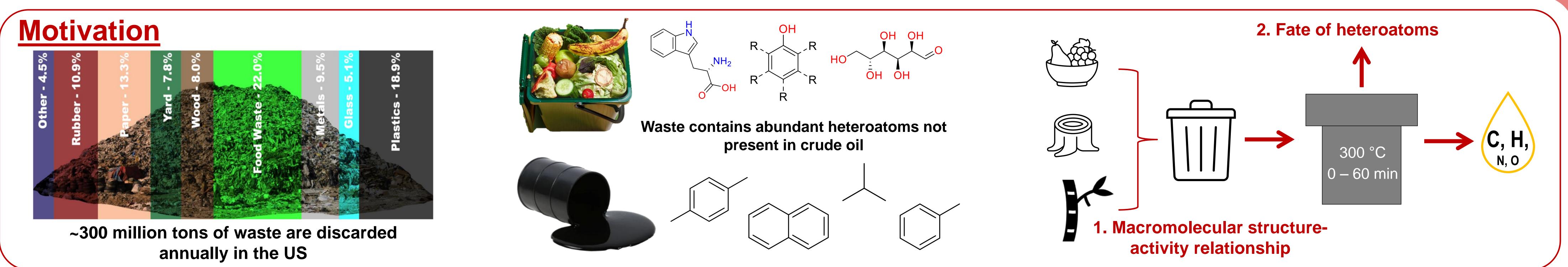


Carbohydrate

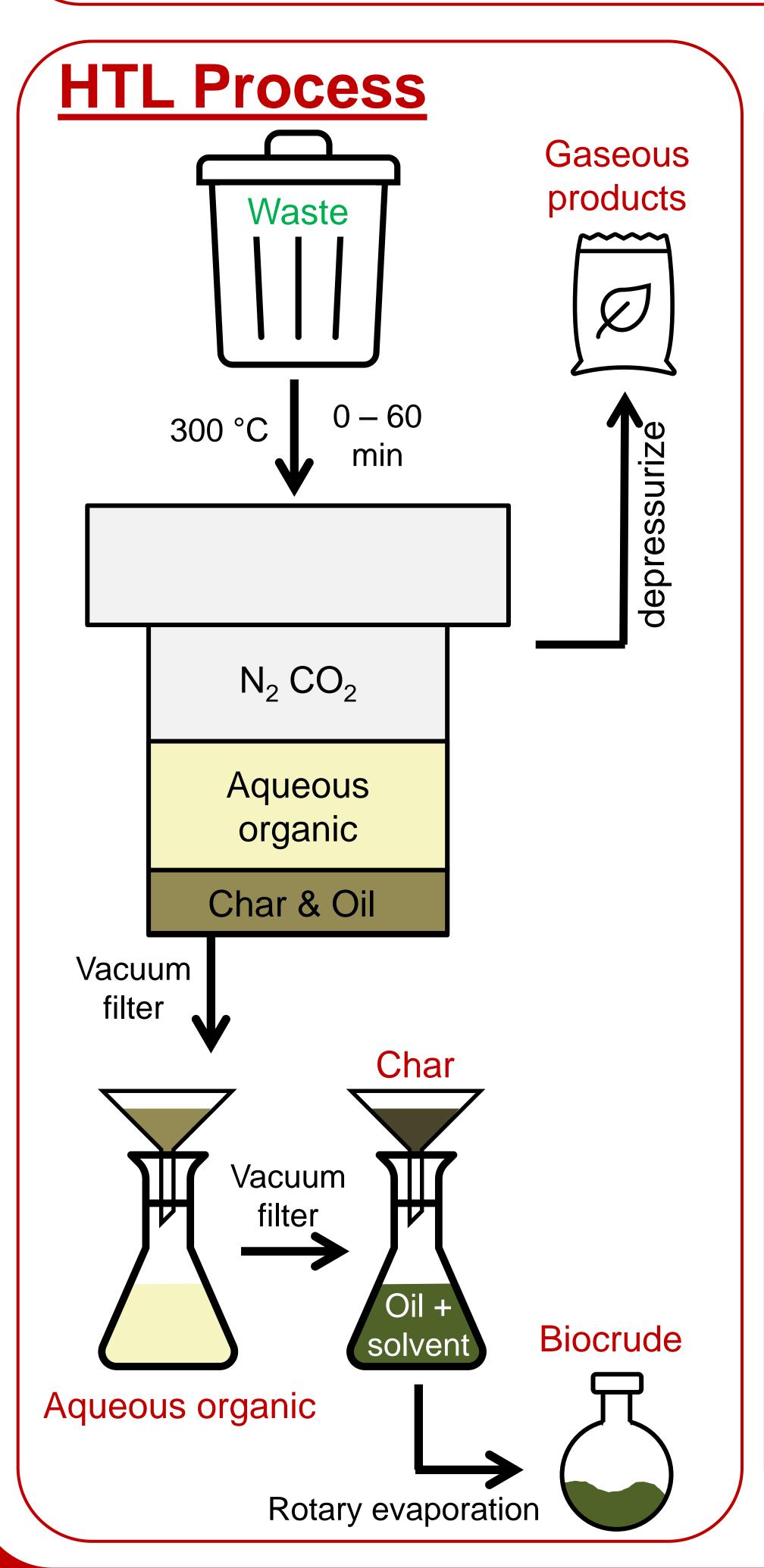
Log (Kow)

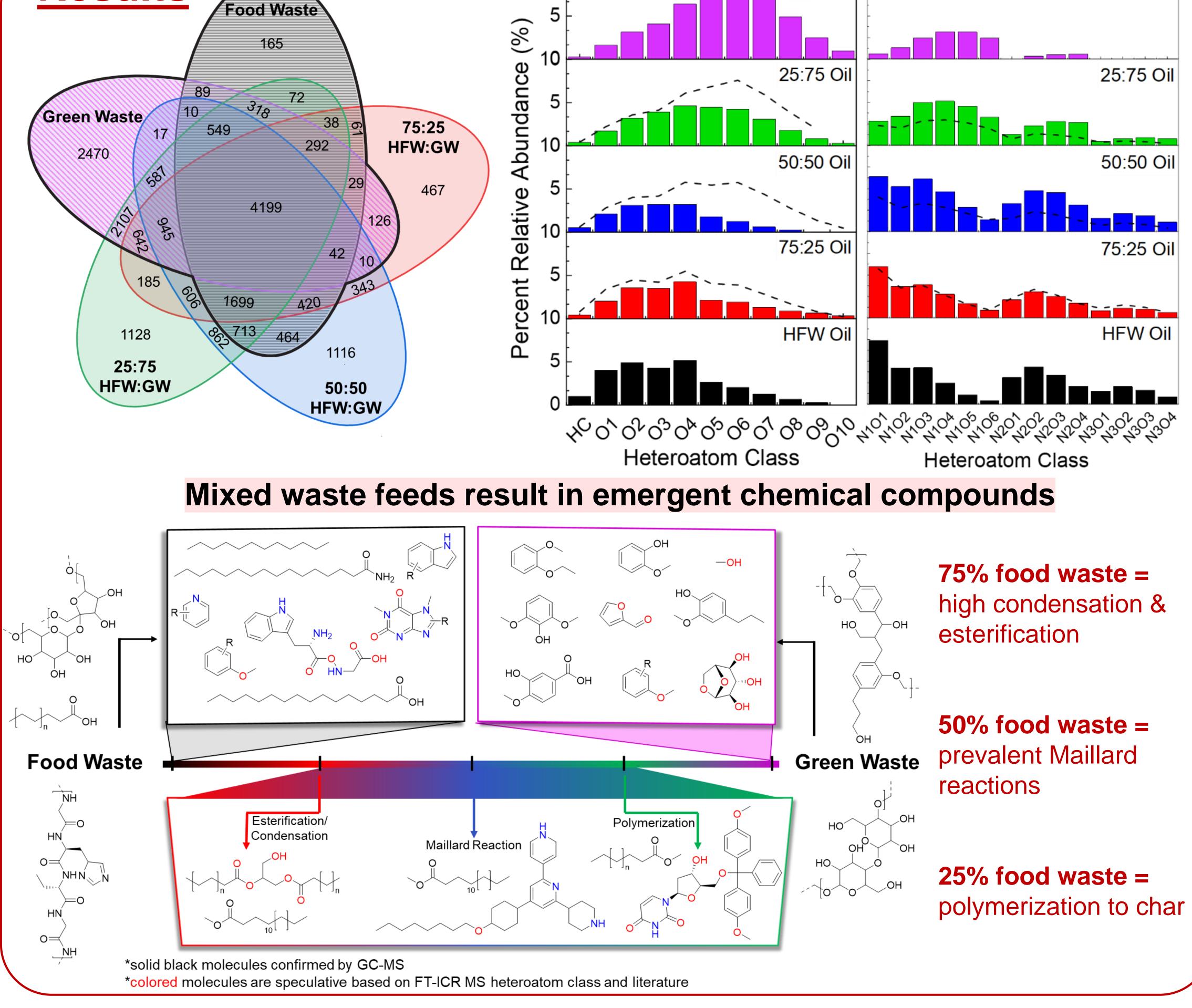
Heather O. LeClerc¹, Amy M. McKenna², Michael T. Timko¹, Andrew R Teixeira¹

¹Chemical Engineering, Worcester Polytechnic Institute, Worcester, MA, ²National High Magnetic Field Laboratory, Tallahassee, FL

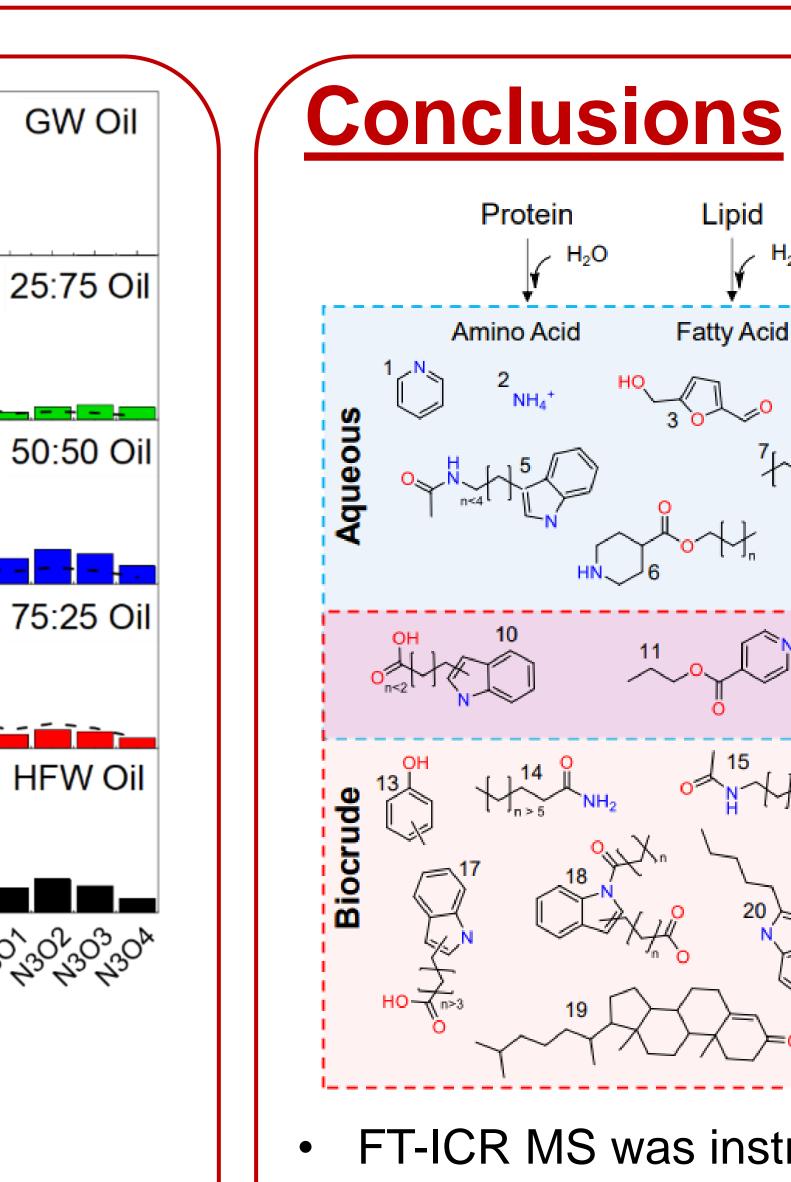


GW Oil





Results



FT-ICR MS was instrumental in determining the fate of heteroatoms in HTL biocrude

Fatty Acid

This work revealed key chemical pathways for biocrude formation from varying feedstock composition

Acknowledgements





Learn more about my work here!

