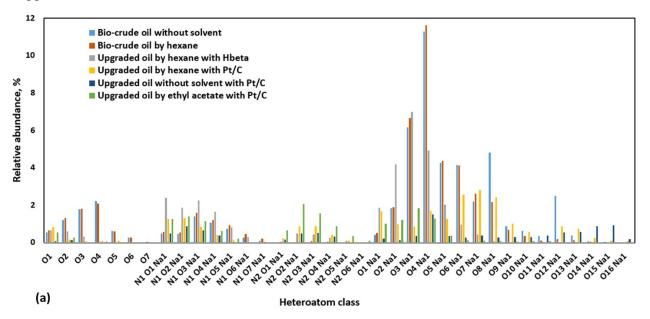
Integrated Extraction and Catalytic Upgrading of Bio-Crude Oil from Co-Hydrothermal Liquefaction of Crude Glycerol and Algae

Zheng Cui¹, Feng Cheng², Jacqueline M. Jarvis³, Umakanta Jena^{1*}, Catherine E. Brewer¹

Supplemental information



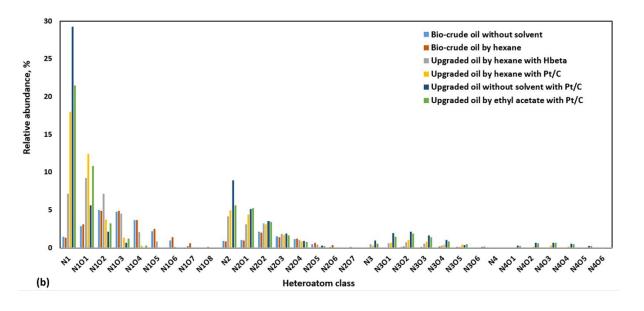


Figure S1. Detailed heteroatom class distributions of extracted bio-crude oils and upgraded oils from extraction and/or upgrading with different solvents and catalysts; data derived from positive-ion ESI FT-ICR MS.