

Supplementary Material

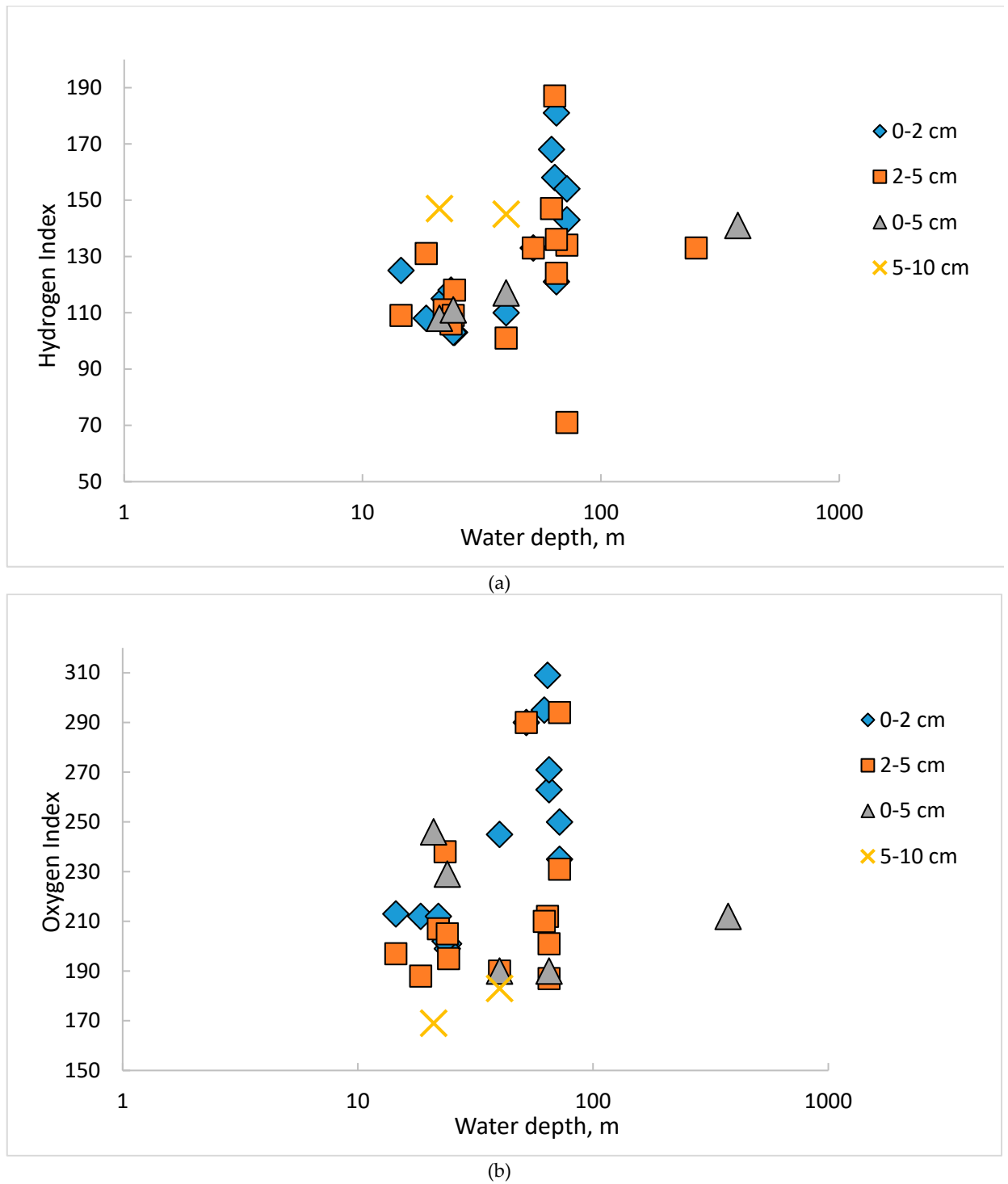
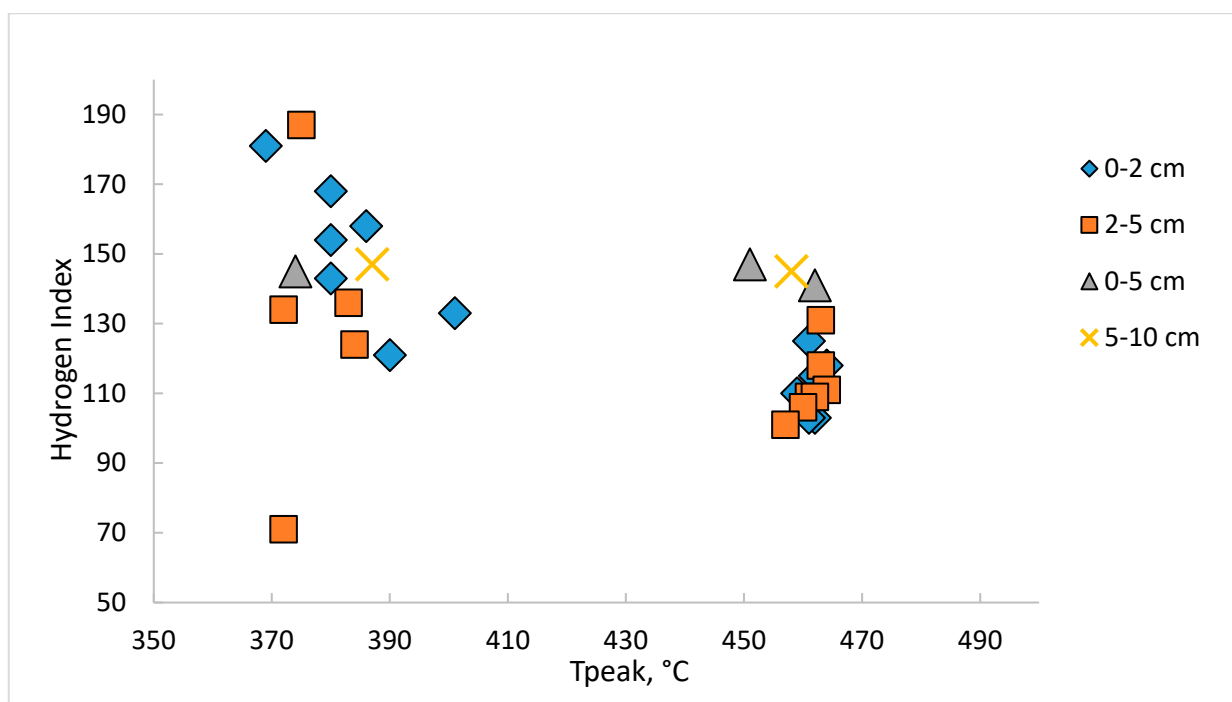
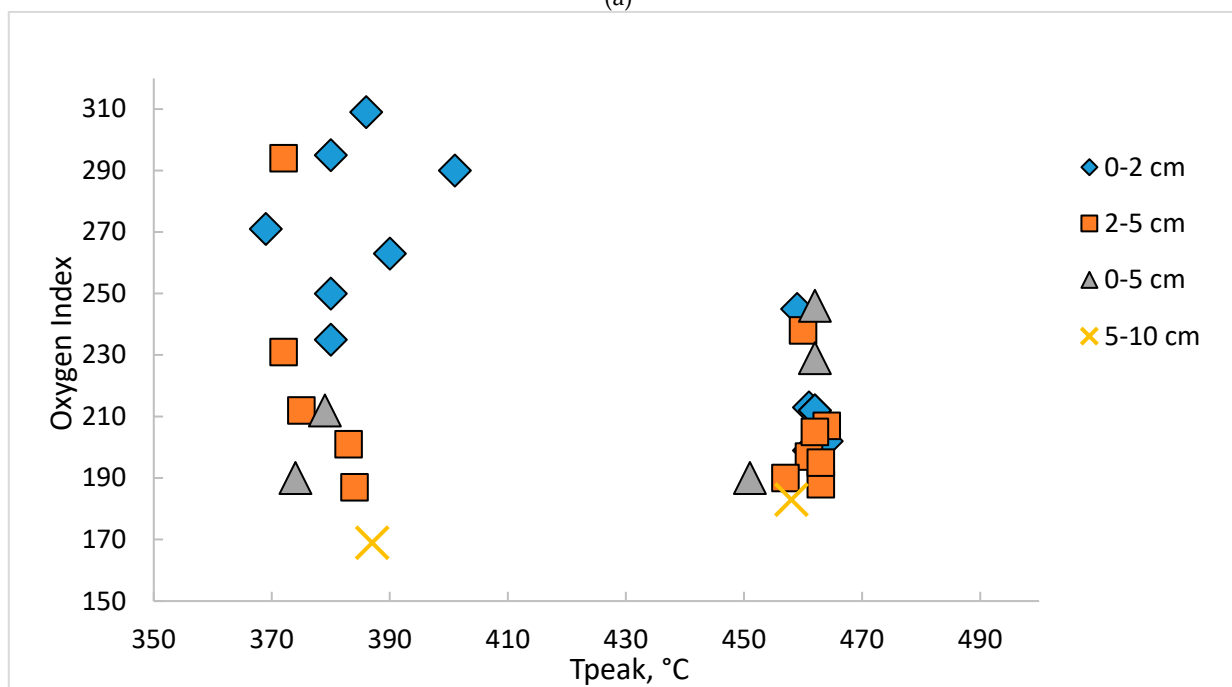


Figure S1. Hydrogen Index (a) and Oxygen Index (b) vs Water depth, m for LS surface sediments



(a)



(b)

Figure S2. Hydrogen Index (a) and Oxygen Index (b) vs T_{peak}, °C for LS surface sediments

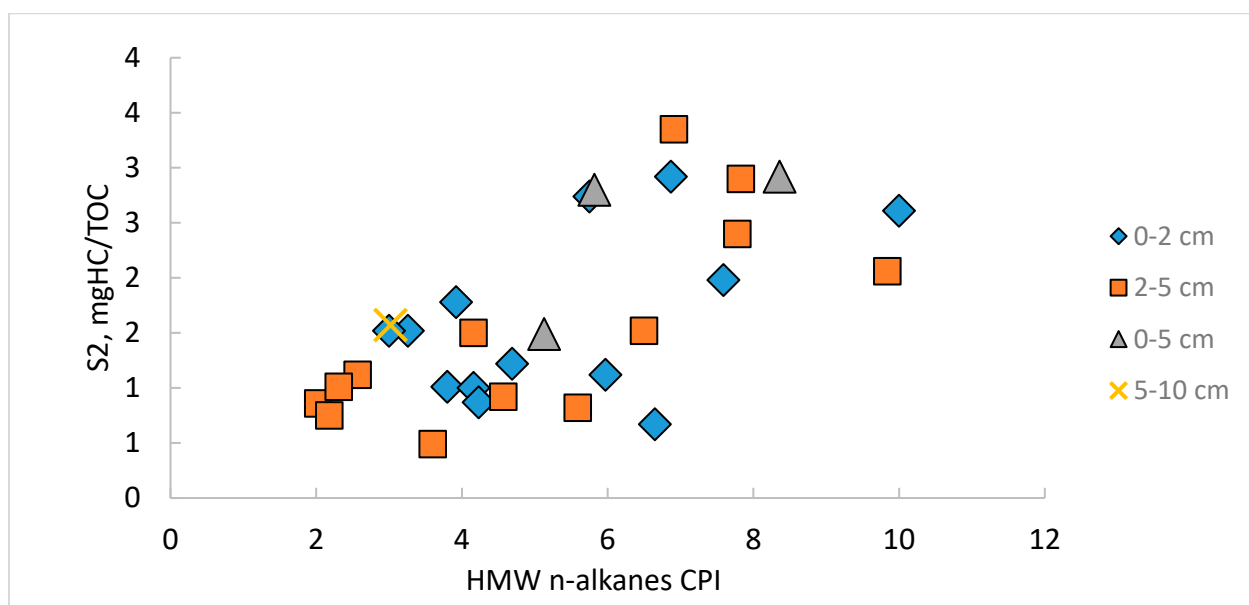


Figure S3. S2, mgHC/TOC vs HMW n-alkanes CPI for LS surface sediments