

## Electronic Supplementary Information

# Petroleomics by Ion Mobility Mass Spectrometry: Resolution and Characterization of Contaminants and Additives in Crude Oils and Petrofuels†

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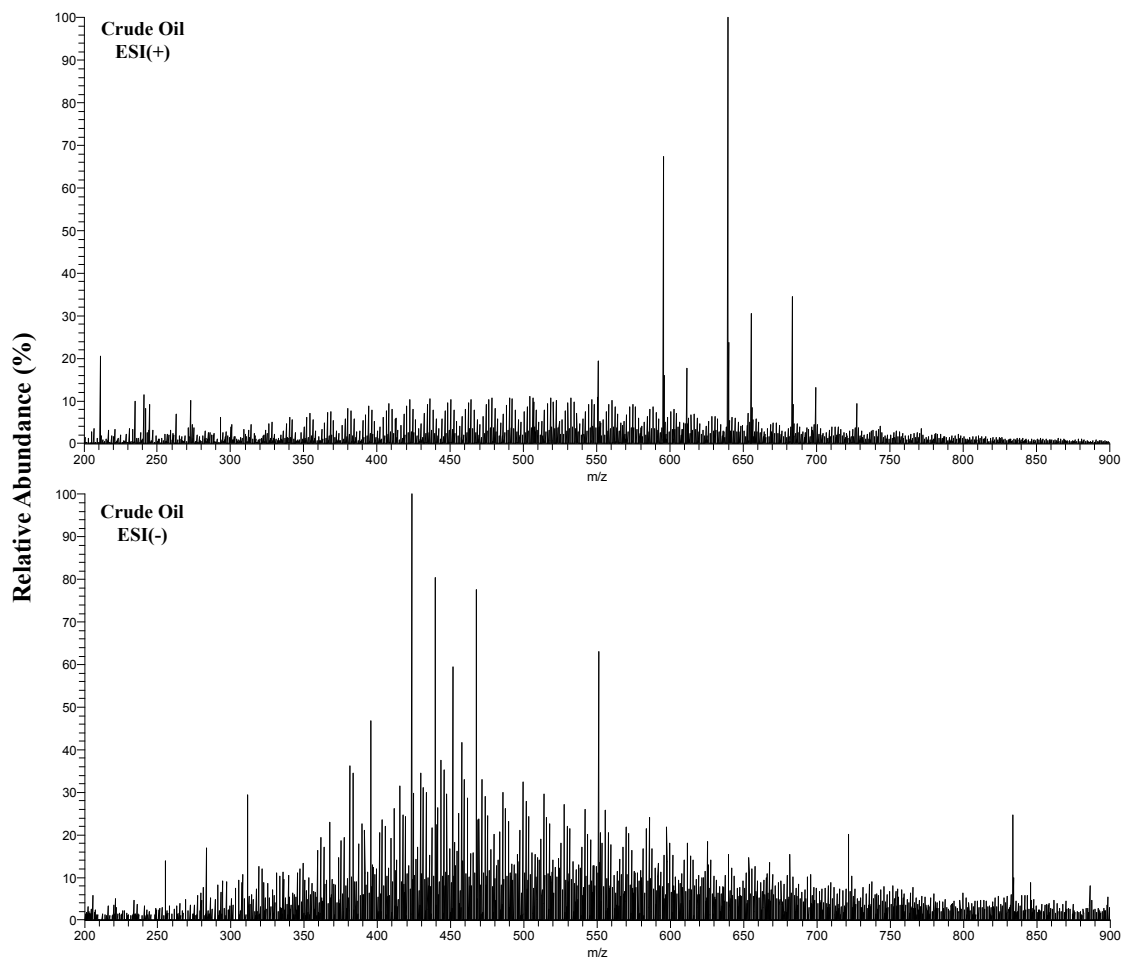
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**Figures**



**Figure S1.** Total mass spectrum by ESI( $\pm$ ) FT-ICR MS for crude oil. A high intensity of contaminant ion peaks seriously hampered data analysis, preventing the proper classification of species.