

SUPPORTING INFORMATION

Effects of Aging on Asphaltene Deposit Composition Using Ultrahigh-Resolution Magnetic Resonance Mass Spectrometry (MRMS)

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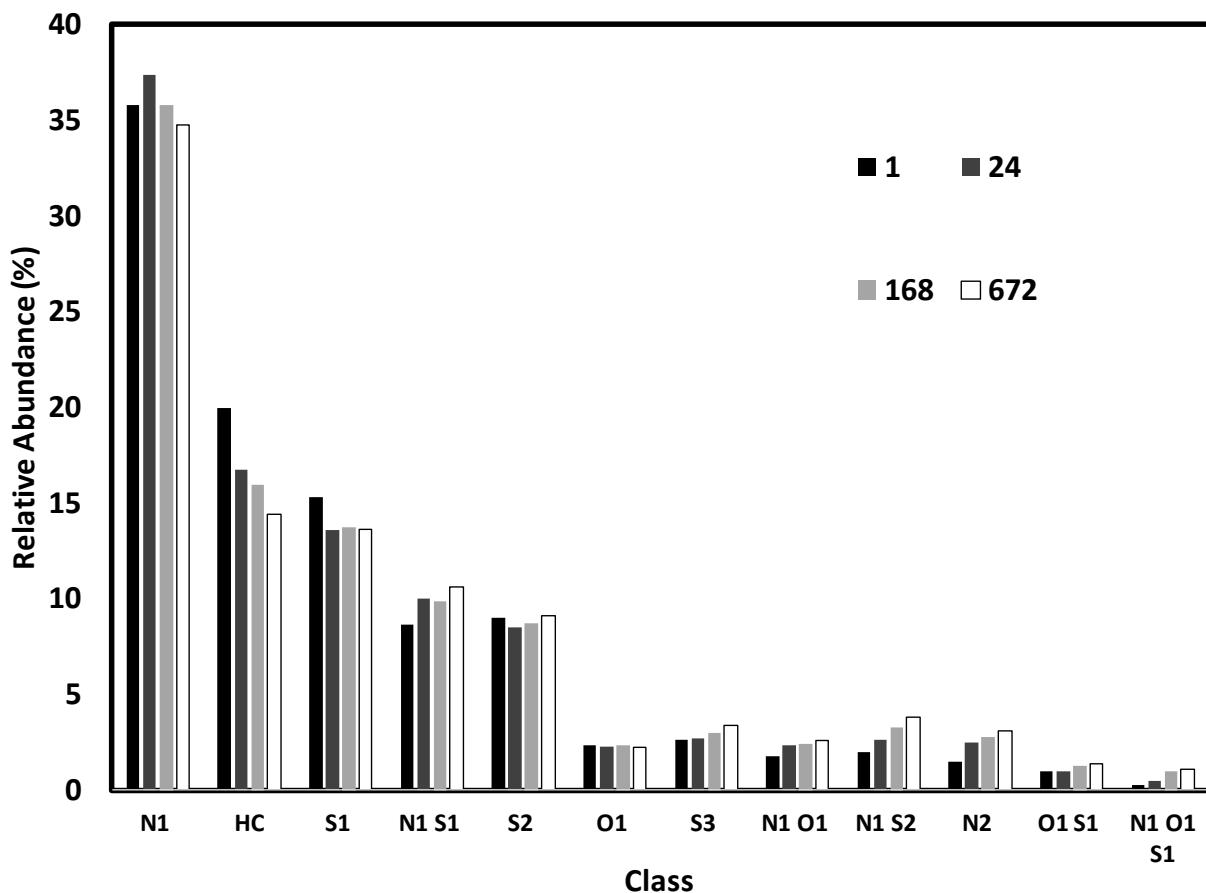


Figure 1S. Distribution of classes in the asphaltene deposit using LDI in positive ion mode.

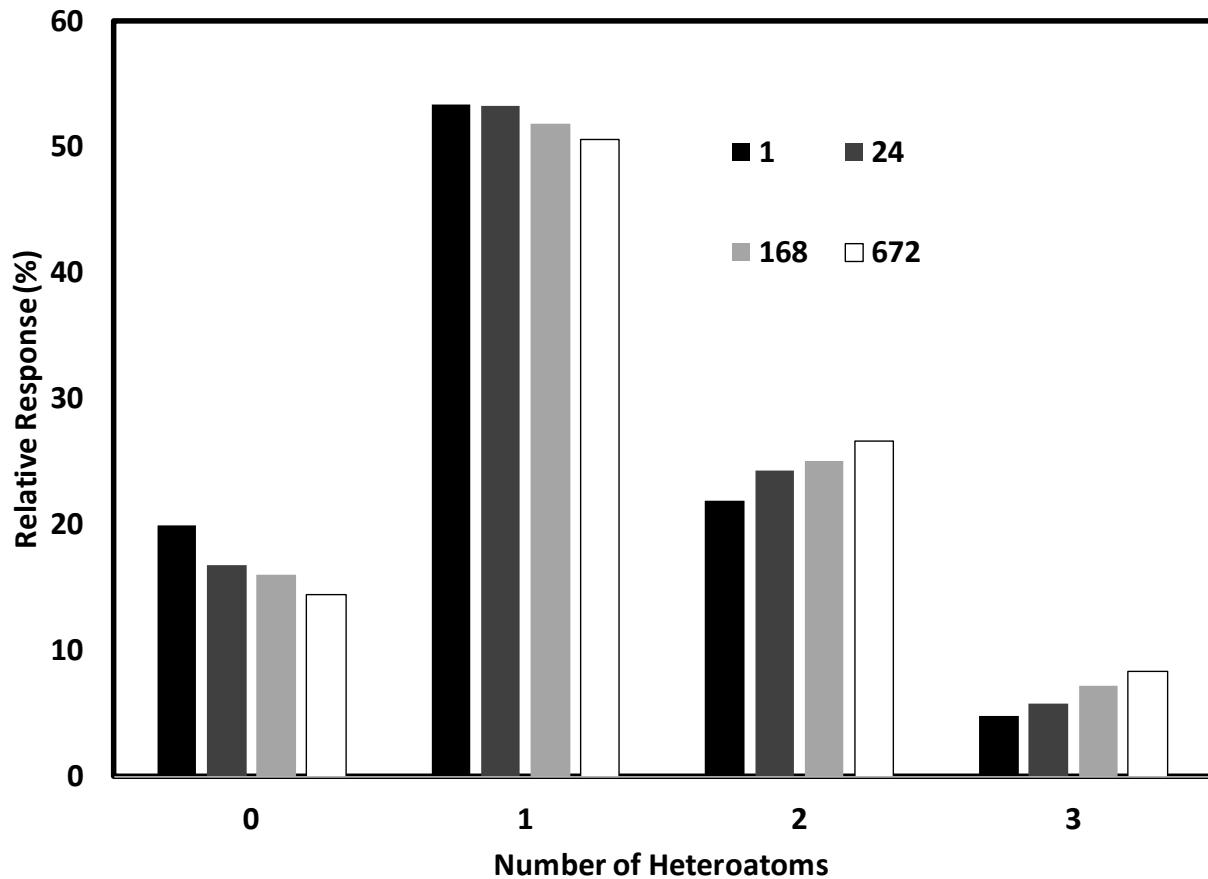


Figure 2S. Distribution of class in the asphaltene deposit based on number of heteroatoms per molecule using LDI in positive ion mode.

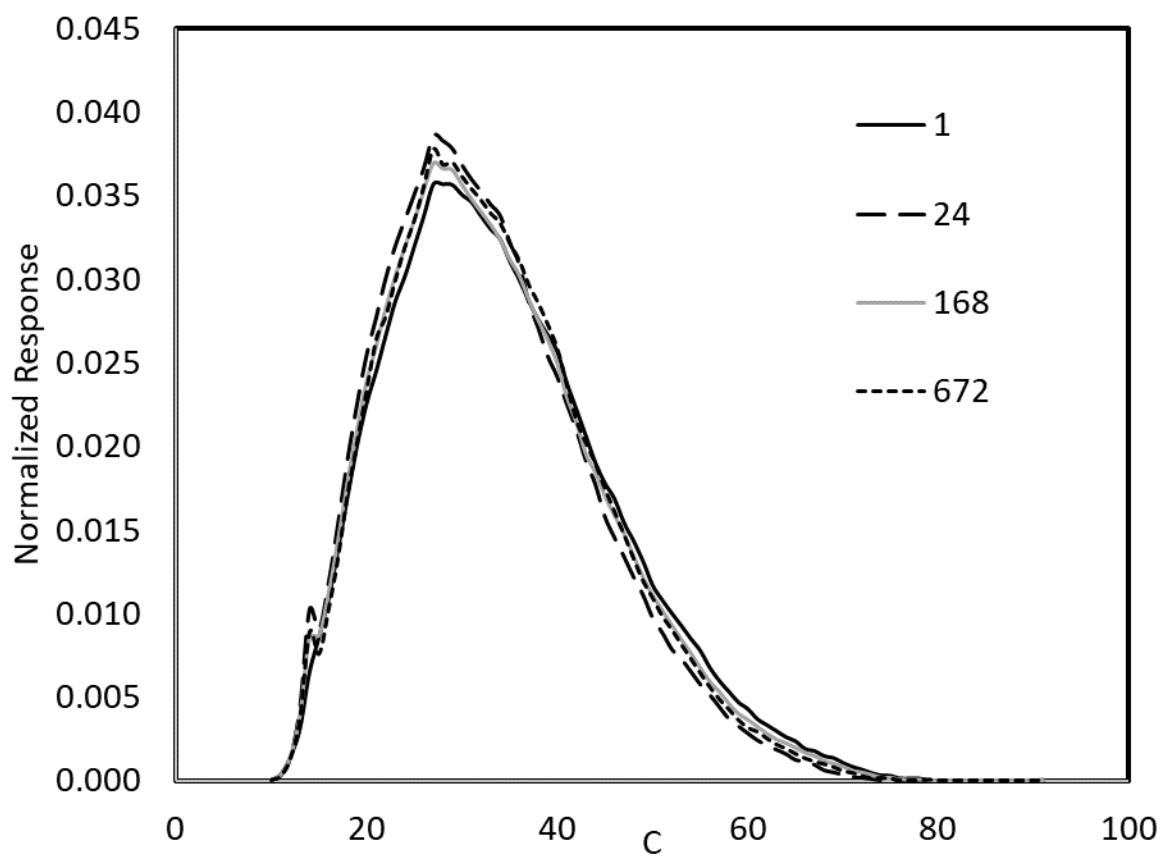


Figure 3S. Carbon number distributions as a function of time. Determined using positive APPI.

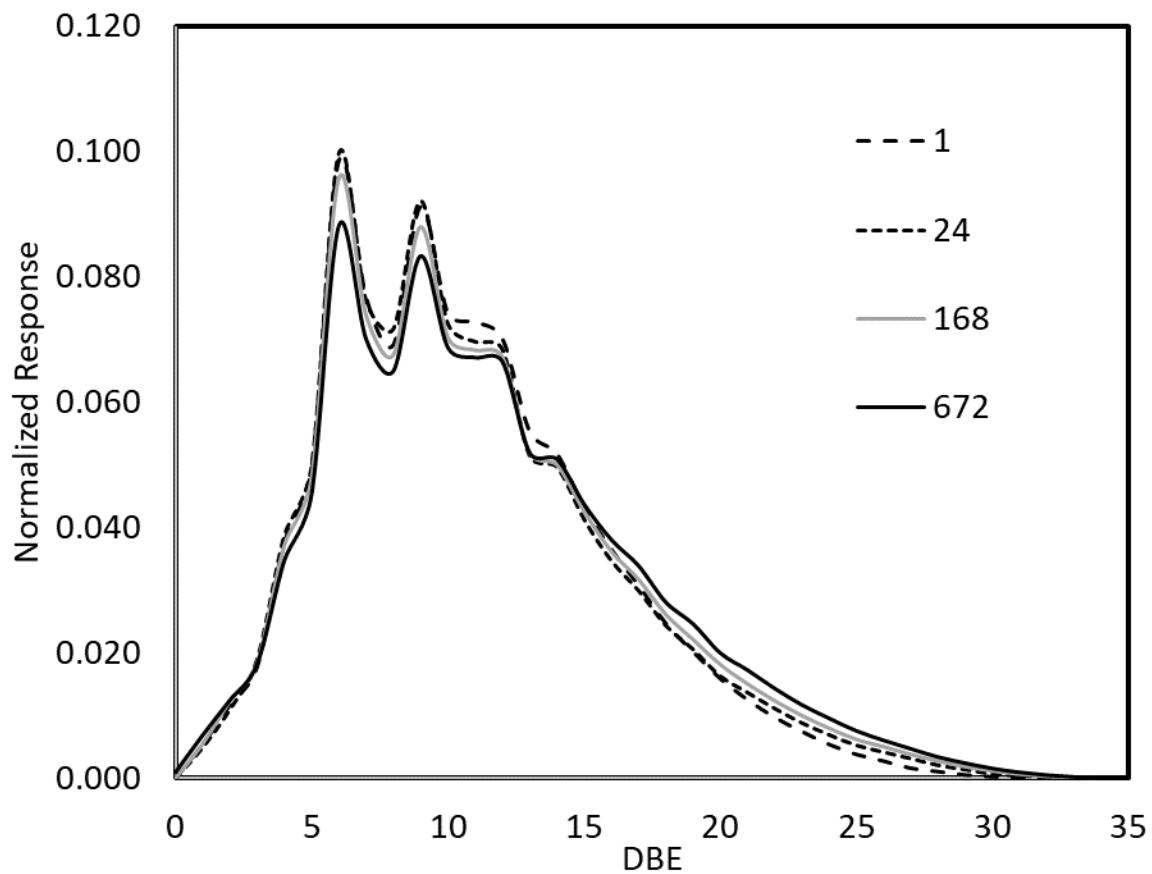


Figure 4S. DBE distributions as a function of time. Determined using positive APPI.

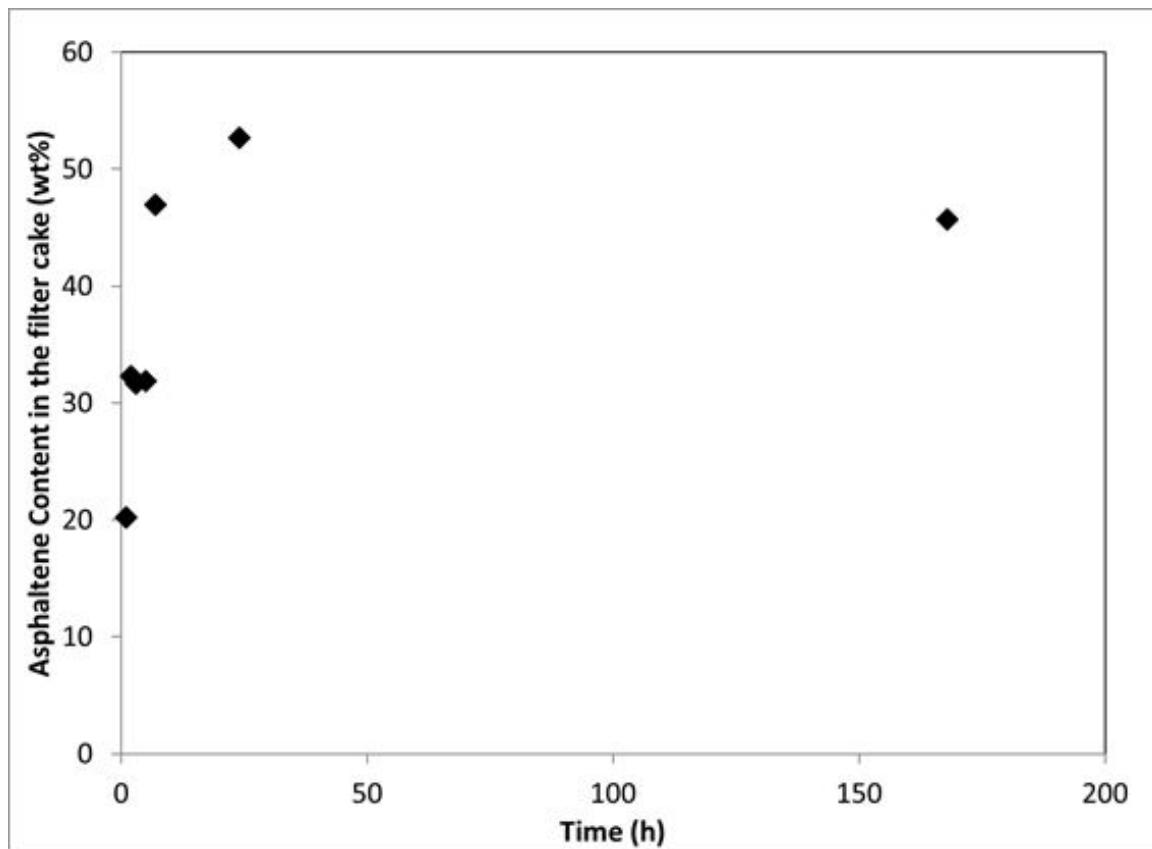


Figure 5S. Asphaltene content in the filter cakes as a function of time.