Supplementary Materials: Comparing Crude Oils With Different API Gravities on a Molecular Level by Mass Spectrometric Analysis. Part 2: Resins and Asphaltenes

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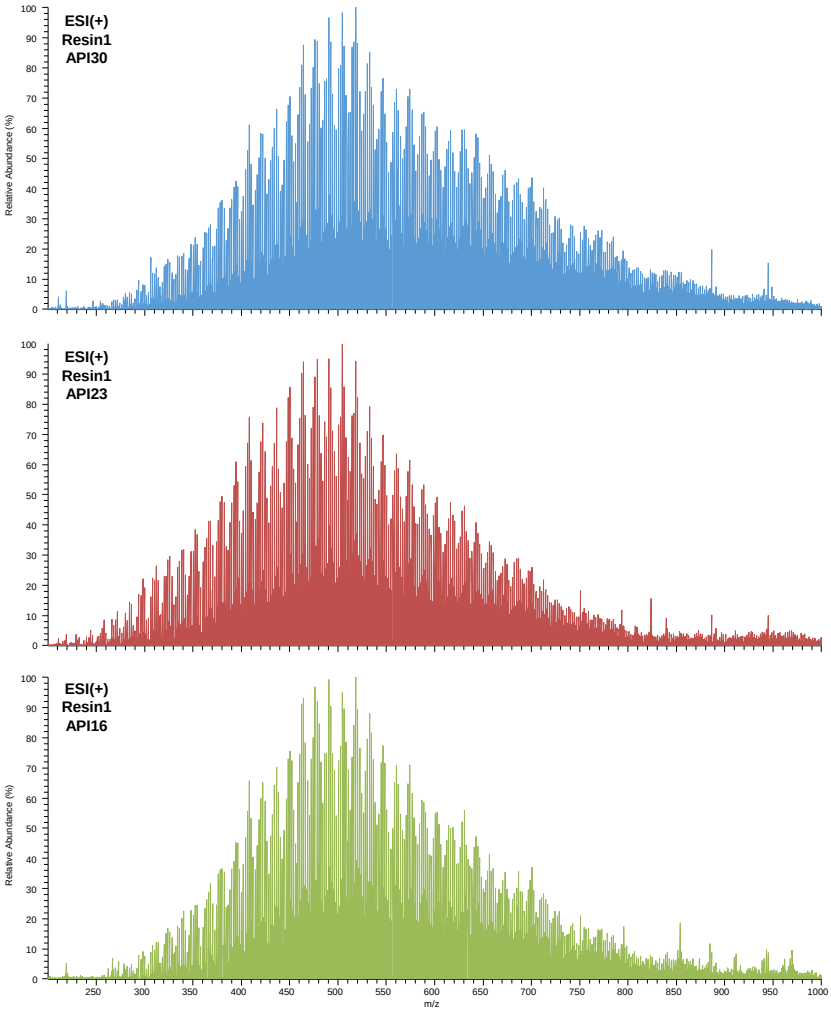

Figure S1. ESI(+) FT-ICR MS for the resin1 fraction obtained from crude oil with different API gravities.

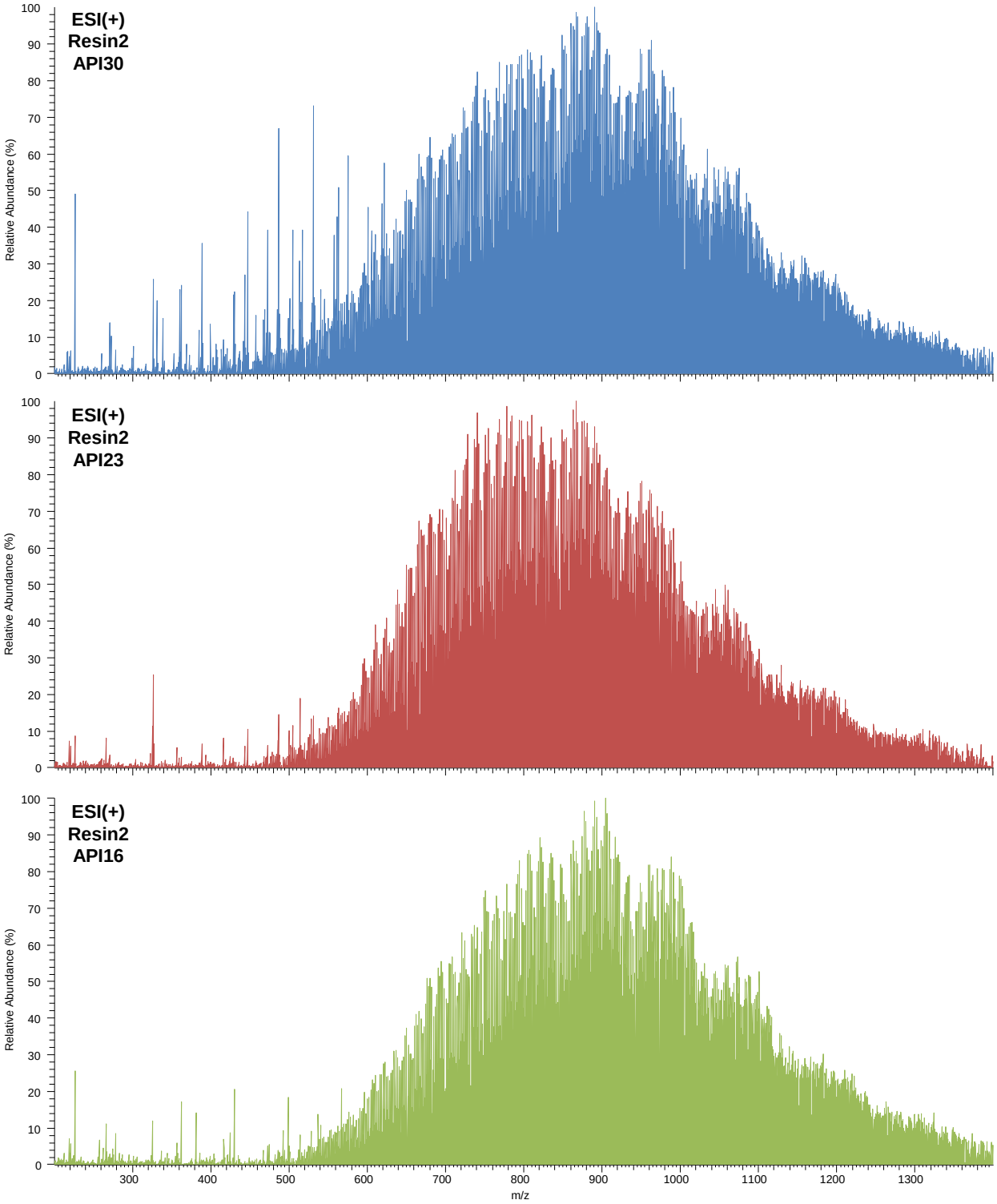

Figure S2. ESI(+) FT-ICR MS for the resin2 fraction obtained from crude oil with different API gravities.

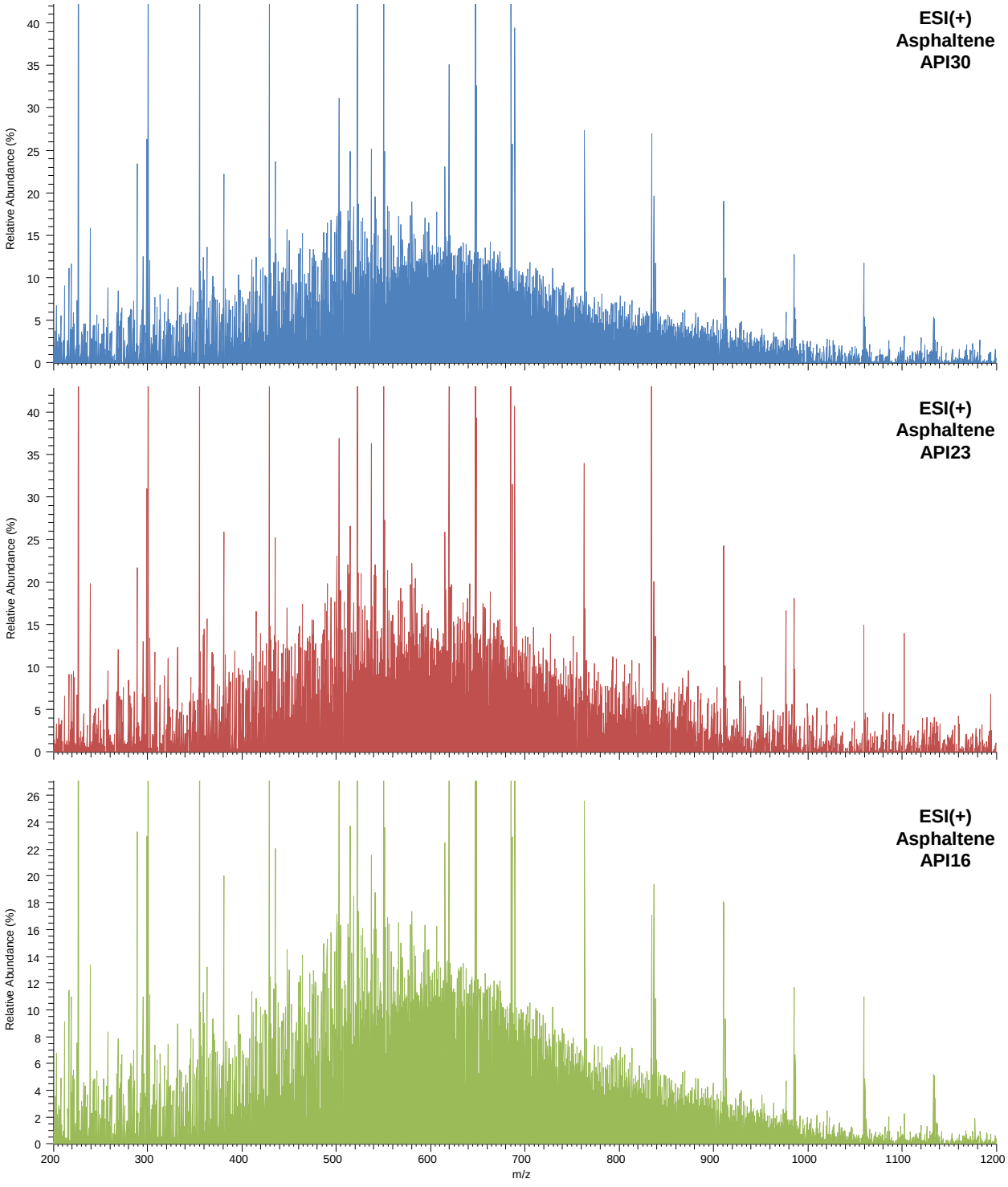

Figure S3. ESI(+) FT-ICR MS for the asphaltene fraction obtained from crude oil with different API gravities.

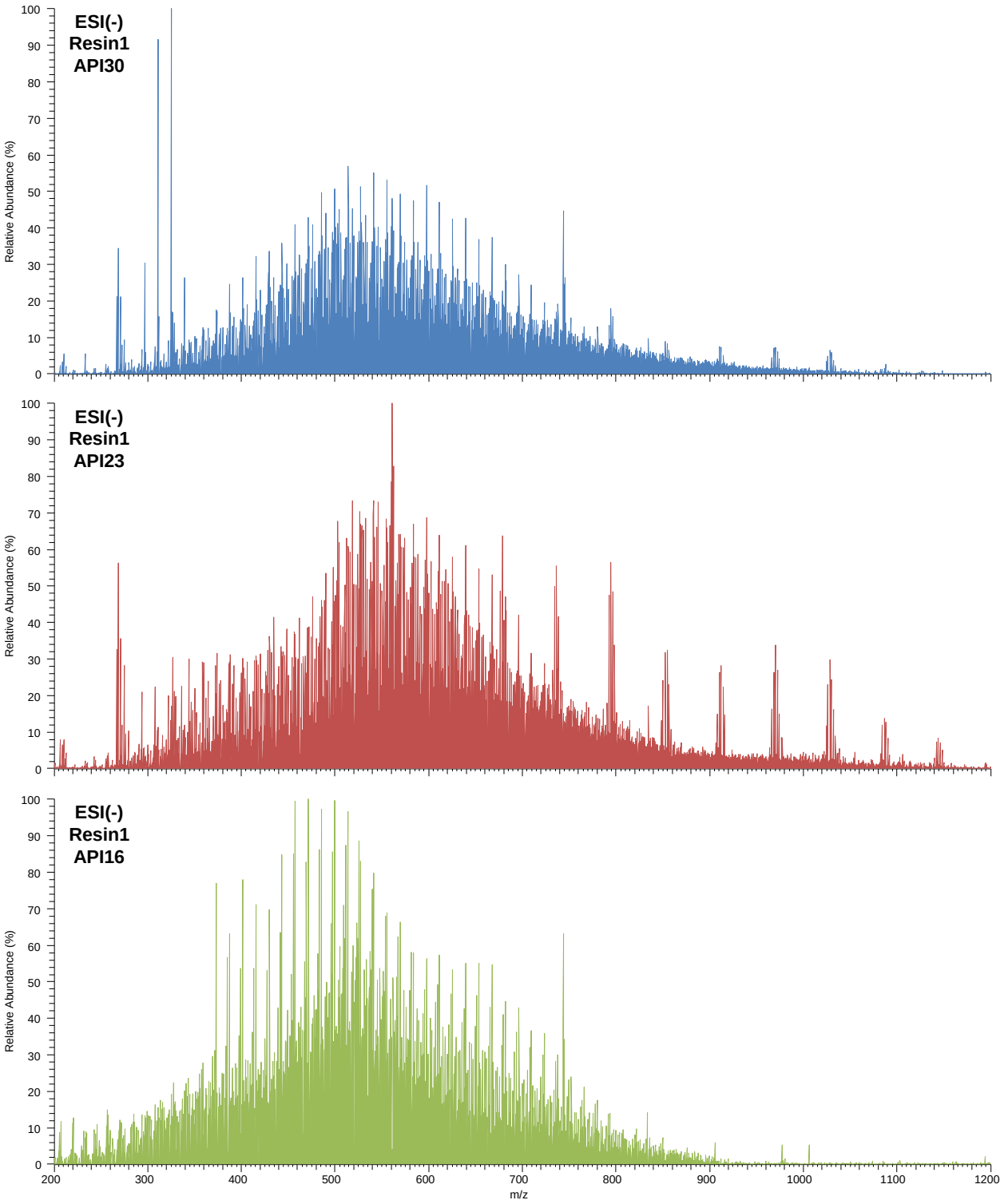

Figure S4. ESI($^{-}$) FT-ICR MS for the resin1 fraction obtained from crude oil with different API gravities.

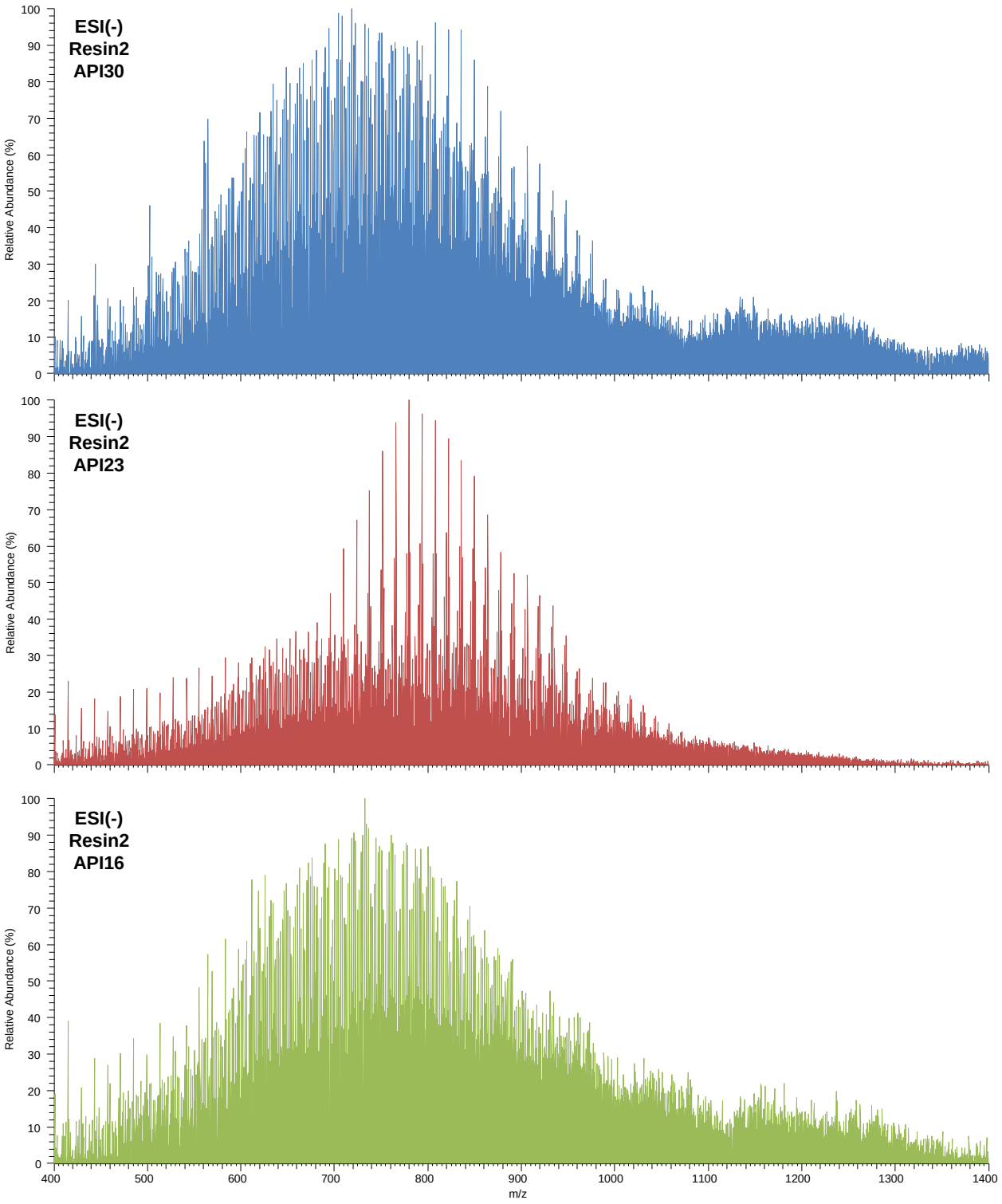

Figure S5. ESI($^{-}$) FT-ICR MS for the resin2 fraction obtained from crude oil with different API gravities.

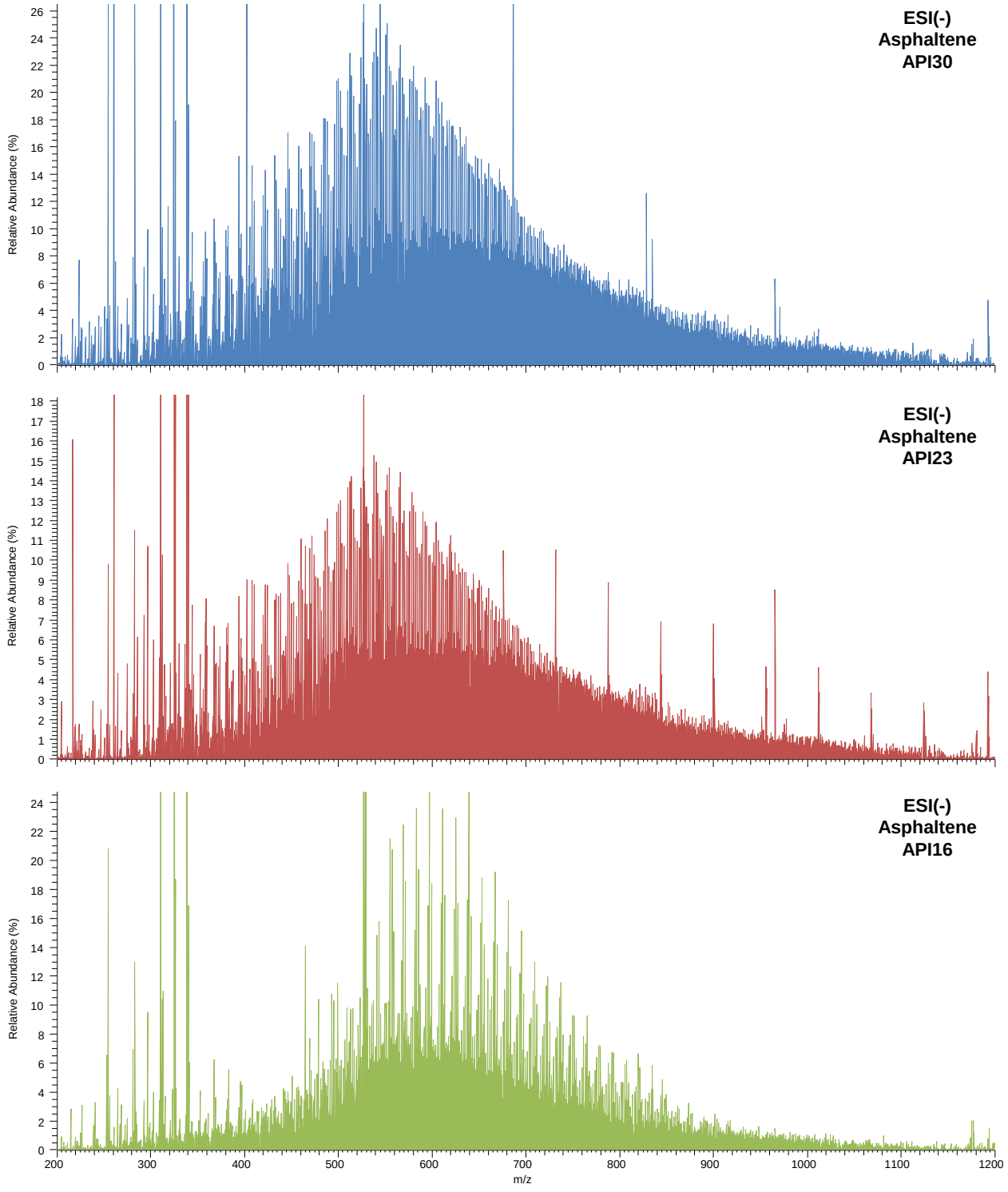

Figure S6. ESI(−) FT-ICR MS for the asphaltene fraction obtained from crude oil with different API gravities.

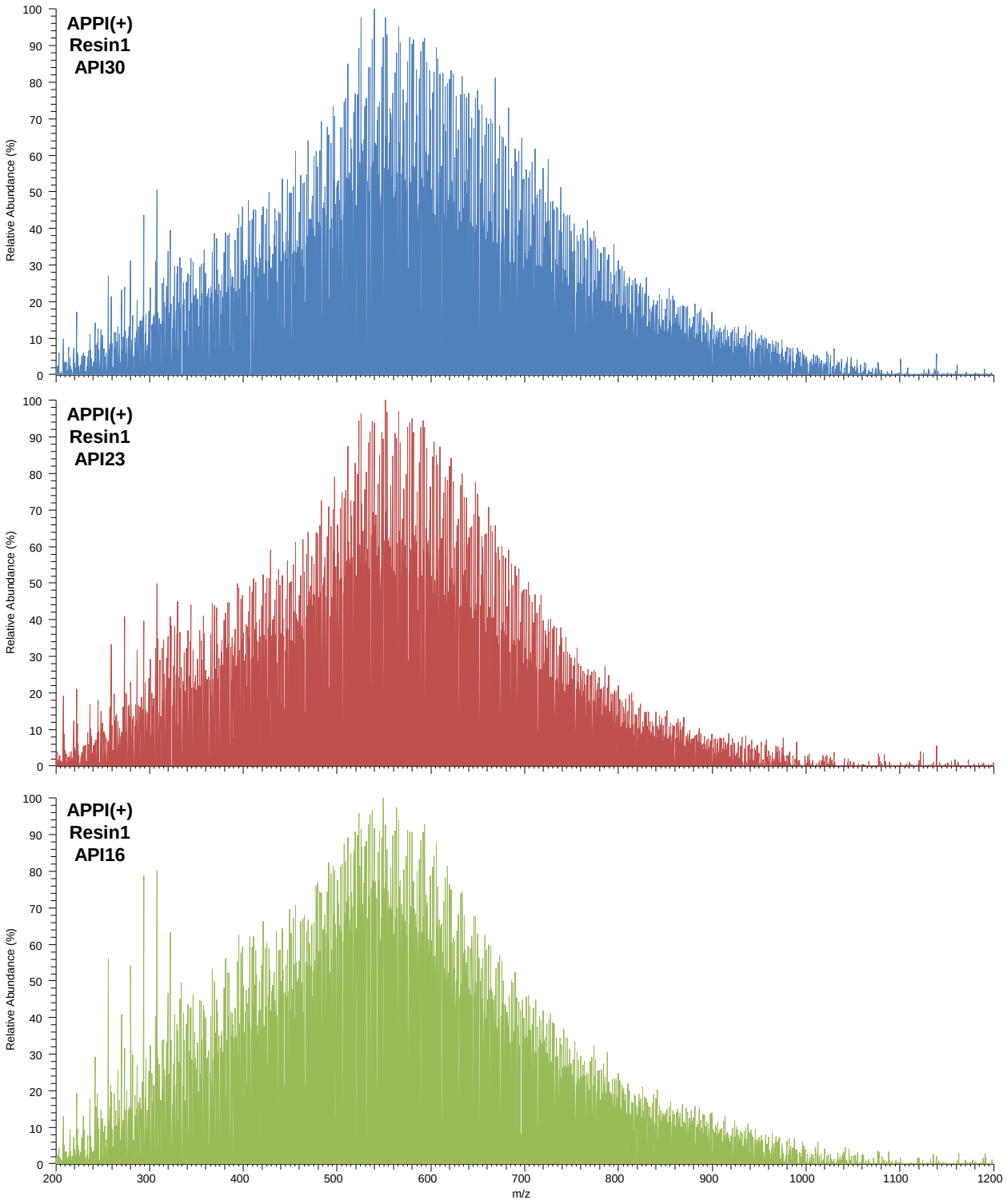

Figure S7. APPI(+) FT-ICR MS for the resin1 fraction obtained from crude oil with different API gravities.

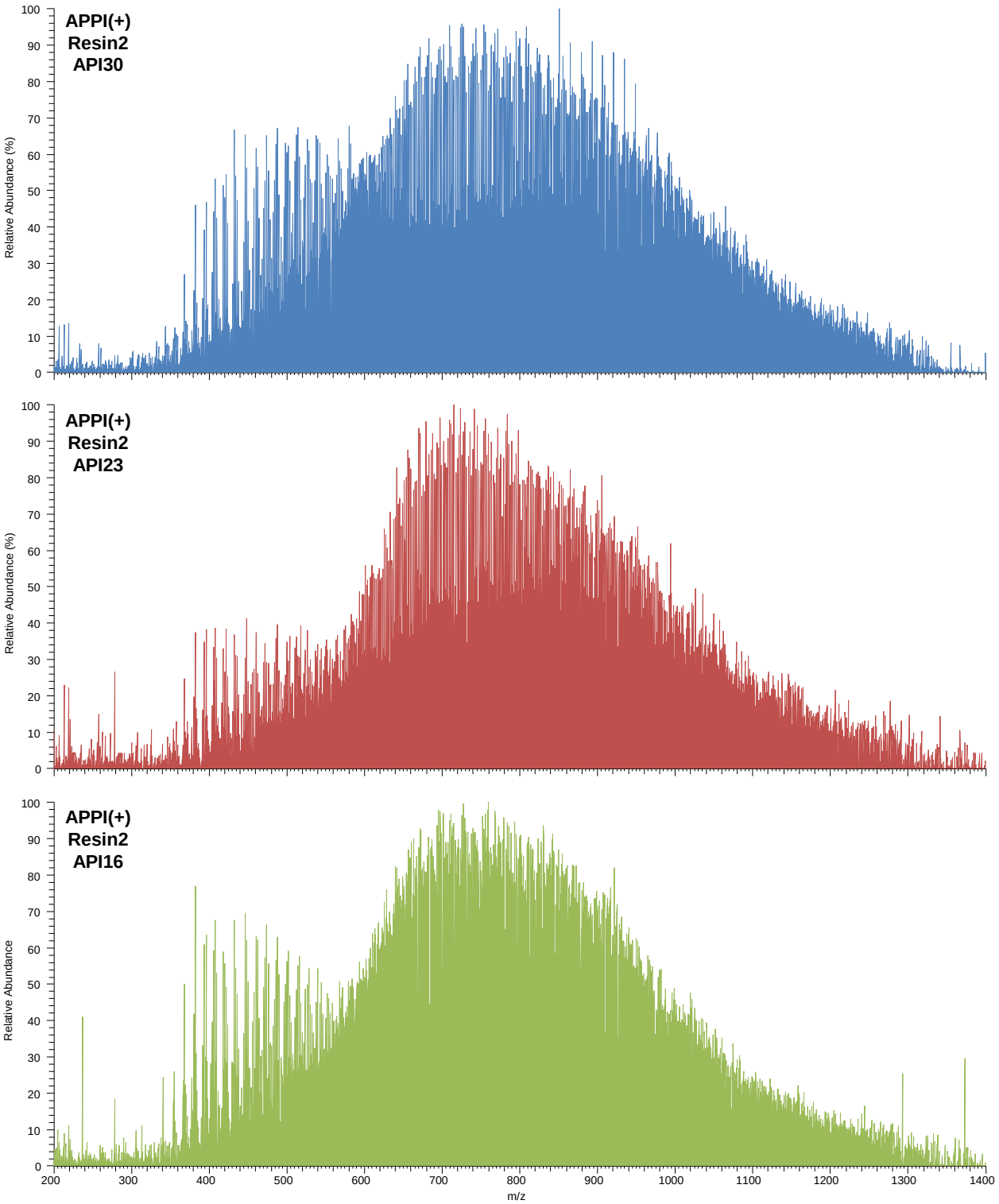

Figure S8. APPI(+) FT-ICR MS for the resin2 fraction obtained from crude oil with different API gravities.

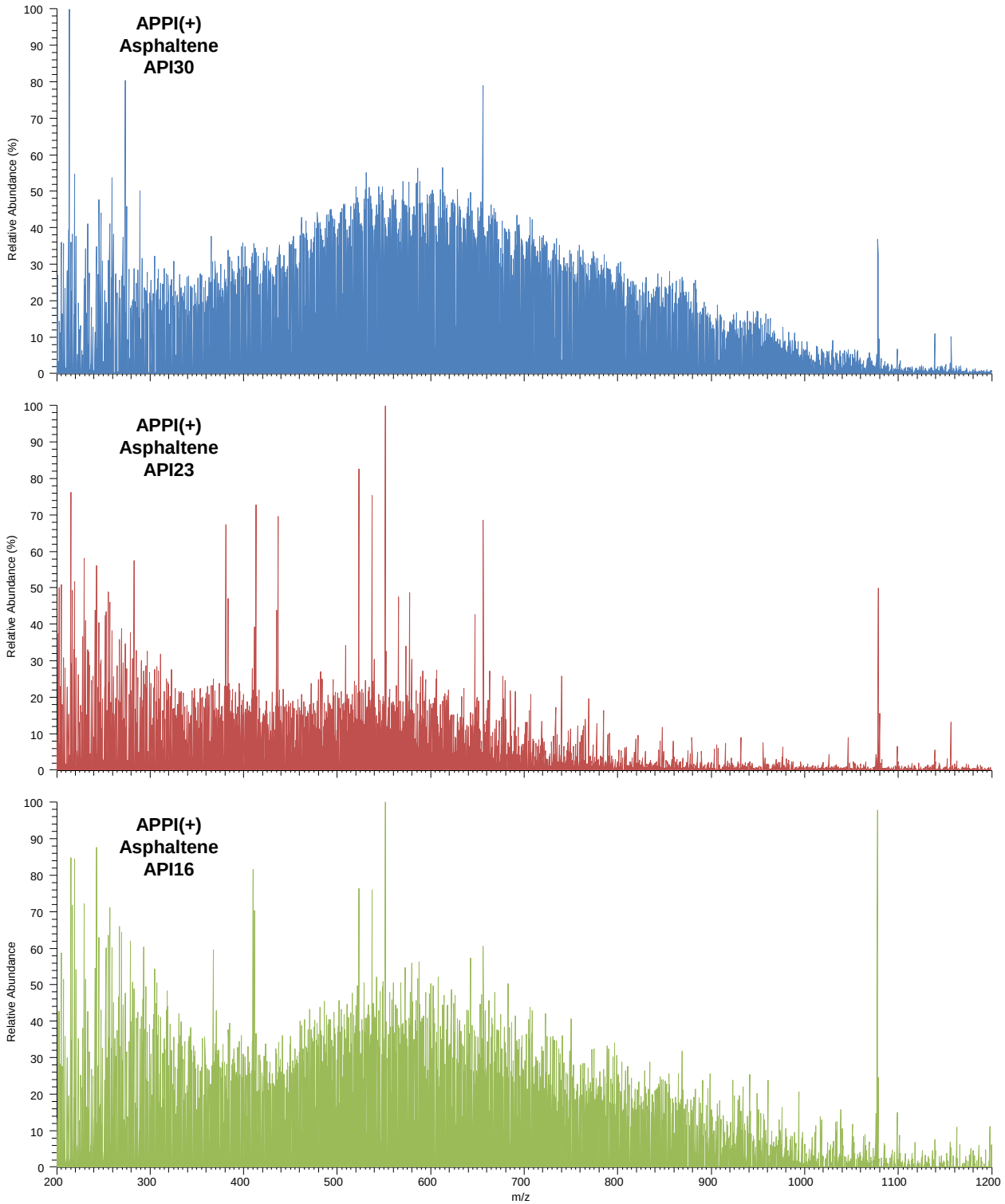

Figure S9. APPI(+) FT-ICR MS for the asphaltene fraction obtained from crude oil with different API gravities.

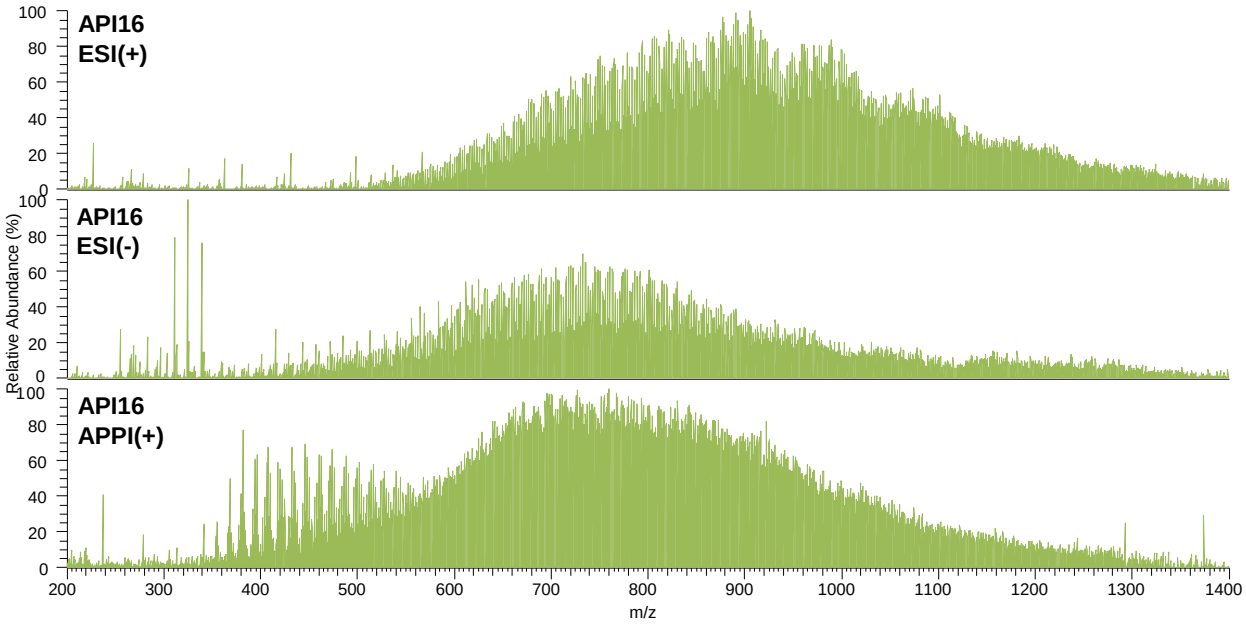

Figure S10. ESI(+), ESI($^{-}$) and APPI(+) FT-ICR MS for resin2 fraction obtained from the heavy crude oil with API gravity of 16 (API16).