Changes in MS with temperature
- f44 increases (i.e., higher O/C) with TD temperature
- f43 decreases with TD temperature
- Evaporation of semi-volatile compounds, with a temperature of 250 °C, the compounds remaining has an O/C of ~1

Summary and Outlook
- Summary
  - PMF resolved three factors: HOA, OOA, BBOA
  - Cleanest air mass comes from the ocean
  - Air mass from London: organics loadings not very high (~ 1 µg/m³), O/C ~ 0.4
  - Air mass from the East: characterized by high loadings, especially high nitrate
  - Mass spectrum of remaining materials appears to be more oxidized with increasing TD temperature
- Future Analysis
  - High resolution analysis
  - Thermal denuder data
  - Comparison with SP-AMS
  - Comparison with other measurements at the Detling site as well as other sites (especially London site)

Acknowledgement: DOE