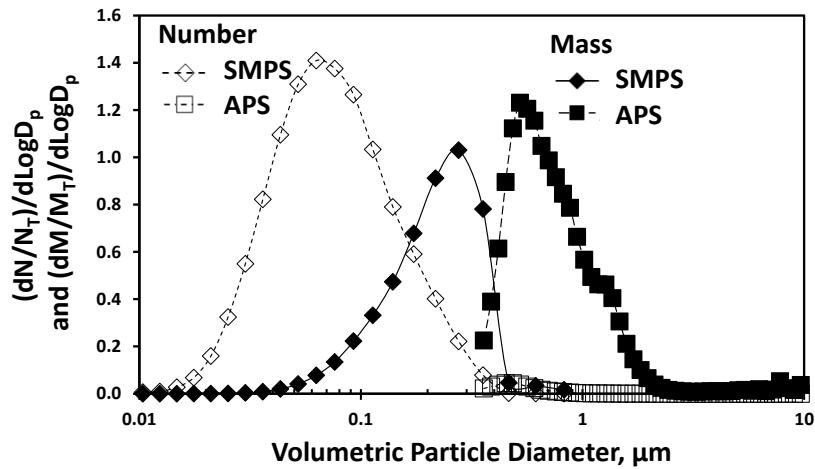
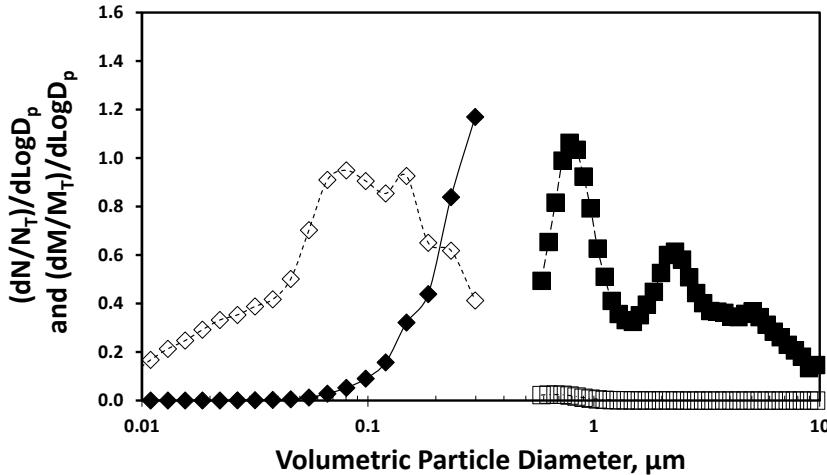


Supplemental Information

A) Salt



B) Welding fume



C) ARD

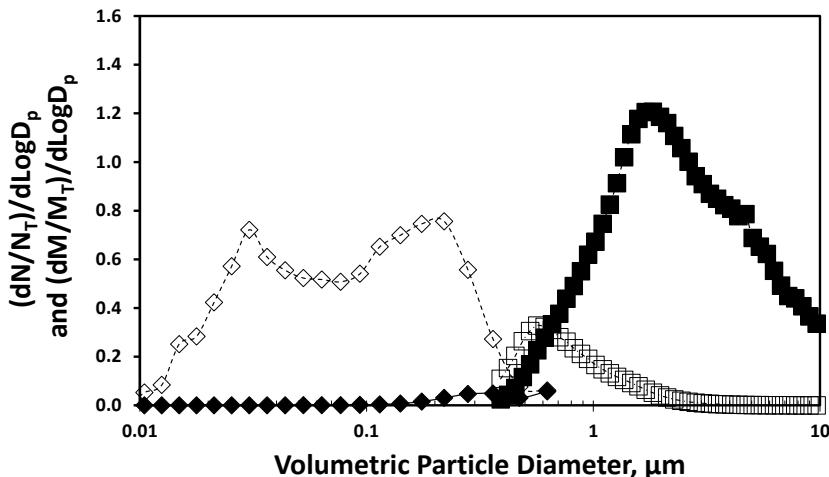


Figure 5: Fractional number (dN/N_T) and mass concentration (dM/M_T) by size measured for A) Salt; B) Welding fume; and C) ARD

Table S1: Assumed density and shape factor used in diameter conversions.

Aerosol	Density (kg/m ³)	Shape Factor
Salt aerosol ¹	2200	1.08
Welding Fume ²	3400	(1.9-3.9) ³
Arizona Road Dust ⁴	2650	1.5

¹(Thomas M. Peters, Chein, Lundgren, & Keady, 1993)

²(Kim et al., 2009)

³Shape factor was a function of particle diameter Kim et al. (2009)

⁴(Endo, Chen, & Pui, 1998)