Figure 1.

HOLLYWOOD PEANUT OIL

* : DATA
--- : FITTED

CMD = 199.1 nm
GSD = 1.62

*d(N)/d(ln(d_p))*

Particle Diameter (nm)
Figure 2.

MAZOLA CORN OIL

- : DATA
- : FITTED

CMD = 173.6 nm
GSD = 1.58
Figure 3.

WESSON CANOLA OIL

\[ d(N)/d(\ln(d_p)) \]

- : DATA
- : FITTED

CMD = 238.9 nm
GSD = 1.61
Figure 4.

Wesson Vegetable Oil

- : DATA
- : FITTED

CMD = 168.3 nm
GSD = 1.68
Figure 5.

**GRILLING: SAUSAGES**

- **DATA**
- **FITTED**

**Characteristics:**
- **CMD** = 73.8 nm
- **GSD** = 1.55

**Axes:**
- Y-axis: $d(N)/d(\ln(d_p))$
- X-axis: Particle Diameter (nm)
Figure 6.

WOOD STOVE

- : DATA
- : FITTED

CMD = 80.3 nm
GSD = 1.99
Figure 7.

WOOD STOVE

- DATA
- FITTED

CMD = 55.1 nm
GSD = 1.31
Figure 8.
Figure 10.

- HEATING TIME = 0.43 HOURS
- HEATING TIME = 2.15 HOURS

HOLLYWOOD-PEANUT OIL

Growth Ratio

Initial Particle Diameter (nm)
Figure 11.

- HEATING TIME = 0.5 HOURS
- HEATING TIME = 4.7 HOURS
Figure 12.

Growth Ratio

Initial Particle Diameter (nm)

• HEATING TIME = 4.5 HOURS
• HEATING TIME = 6.1 HOURS

WESSON CANOLA OIL
Figure 13.

Growth Ratio vs. Initial Particle Diameter (nm) for Wesson-Vegetable Oil.

- HEATING TIME = 0.50 HOURS
- HEATING TIME = 3.25 HOURS
Figure 15.
WOOD STOVE :

- DATA
- $\text{RH} = 0.980; \beta = 0.0198$
- $\text{RH} = 0.990; \beta = 0.0124$
- $\text{RH} = 0.995; \beta = 0.0077$

Figure 16.