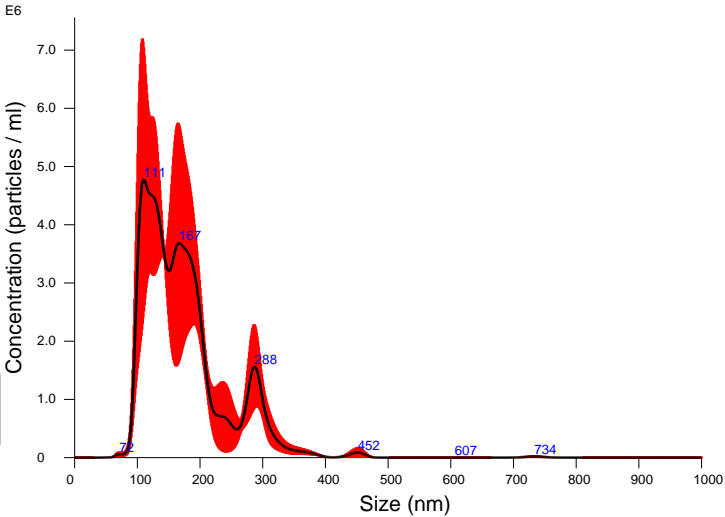


FTLA Concentration / Size graph for Experiment:
Caco2_U 2019-11-19 13-07-30



Averaged FTLA Concentration / Size for Experiment:
Caco2_U 2019-11-19 13-07-30
Error bars indicate + / - 1 standard error of the mean

Included Files

Caco2_U 2019-11-19 13-07-57
Caco2_U 2019-11-19 13-09-17
Caco2_U 2019-11-19 13-10-38

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 01-07-30PM 19~
Time Captured: 13:07:30 19/11/2019
Operator: Antonio
Pre-treatment:
Sample Name: Caco2_U
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 14
Slider Shutter: 1259
Slider Gain: 366
FPS: 25.0
Number of Frames: 1498
Temperature: 23.0 °C
Viscosity: (Water) 0.9 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 9.9 - 10.6 pix

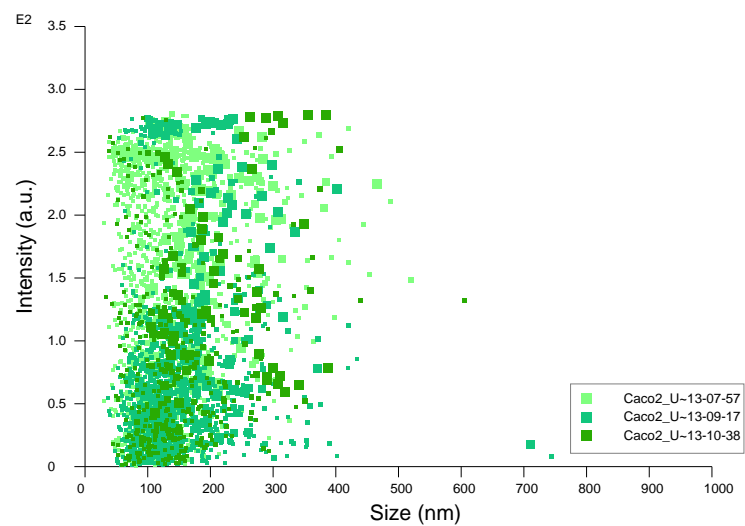
Results

Stats: Merged Data

Mean: 173.9 nm
Mode: 110.3 nm
SD: 67.3 nm
D10: 106.7 nm
D50: 158.8 nm
D90: 279.7 nm

Stats: Mean +/- Standard Error

Mean: 178.6 +/- 9.5 nm
Mode: 124.2 +/- 9.1 nm
SD: 68.3 +/- 4.2 nm
D10: 111.0 +/- 4.9 nm
D50: 160.9 +/- 2.7 nm
D90: 276.4 +/- 18.4 nm
Concentration: 5.24e+008 +/- 1.32e+008 particles/ml
26.6 +/- 6.7 particles/frame
37.0 +/- 9.5 centres/frame



Intensity / Size graph for Experiment:
Caco2_U 2019-11-19 13-07-30

Script Used: (Full Text):

SOP Standard Measurement 01-07-30PM 19Nov2019.txt