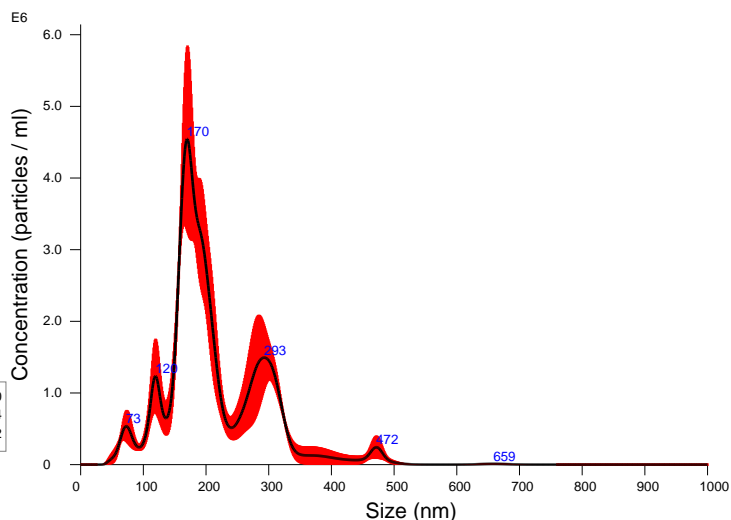


FTLA Concentration / Size graph for Experiment:
COLO205_u 2019-11-21 11-46-02



Averaged FTLA Concentration / Size for Experiment:
COLO205_u 2019-11-21 11-46-02
Error bars indicate + / - 1 standard error of the mean

Included Files

COLO205_u 2019-11-21 11-46-10
COLO205_u 2019-11-21 11-47-24
COLO205_u 2019-11-21 11-48-52

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 11-46-02AM 21~
Time Captured: 11:46:02 21/11/2019
Operator: Antonio
Pre-treatment:
Sample Name: COLO205_u
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 25.0
Number of Frames: 1498
Temperature: 22.4 - 22.6 °C
Viscosity: (Water) 0.941 - 0.943 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 7
Blur Size: Auto
Max Jump Distance: Auto: 11.5 - 13.5 pix

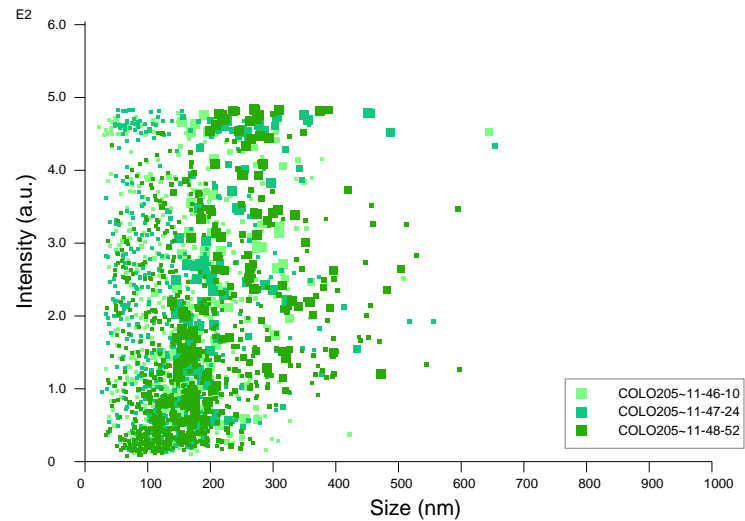
Results

Stats: Merged Data

Mean: 210.6 nm
Mode: 169.9 nm
SD: 79.1 nm
D10: 126.1 nm
D50: 188.6 nm
D90: 308.3 nm

Stats: Mean +/- Standard Error

Mean: 209.0 +/- 7.6 nm
Mode: 187.9 +/- 9.5 nm
SD: 77.6 +/- 3.2 nm
D10: 130.4 +/- 7.3 nm
D50: 189.1 +/- 1.3 nm
D90: 310.9 +/- 7.2 nm
Concentration: 4.03e+008 +/- 4.42e+007 particles/ml
20.5 +/- 2.2 particles/frame
27.8 +/- 1.8 centres/frame



Intensity / Size graph for Experiment:
COLO205_u 2019-11-21 11-46-02

Script Used: (Full Text):

SOP Standard Measurement 11-46-02AM 21Nov2019.txt