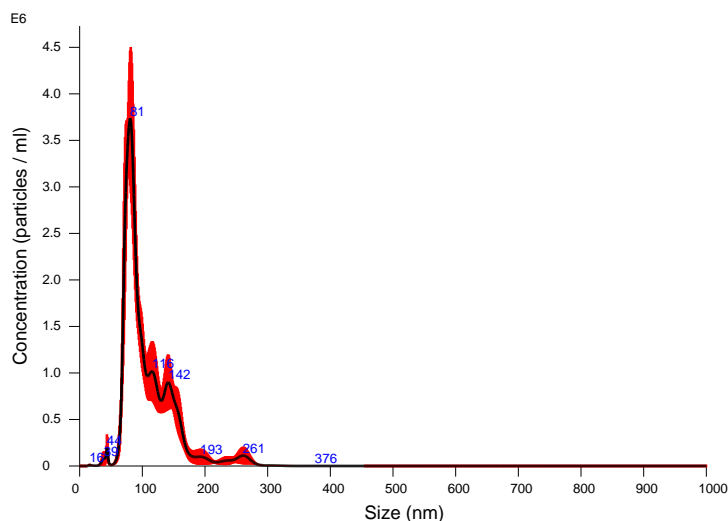


FTLA Concentration / Size graph for Experiment:
STh1_40x FD35 2023-06-28 15-37-45



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD35 2023-06-28 15-37-45
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD35 2023-06-28 15-37-59
STh1_40x FD35 2023-06-28 15-38-39
STh1_40x FD35 2023-06-28 15-39-26
STh1_40x FD35 2023-06-28 15-40-10
STh1_40x FD35 2023-06-28 15-41-02

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-37-45PM 28Jun2023.txt
Time Captured: 15:37:45 28/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_40x FD35
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 6
Slider Shutter: 64
Slider Gain: 5
FPS: 25.0
Number of Frames: 749
Temperature: 25.8 °C
Viscosity: (Water) 0.873 - 0.874 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.2 - 24.7 pix

Results

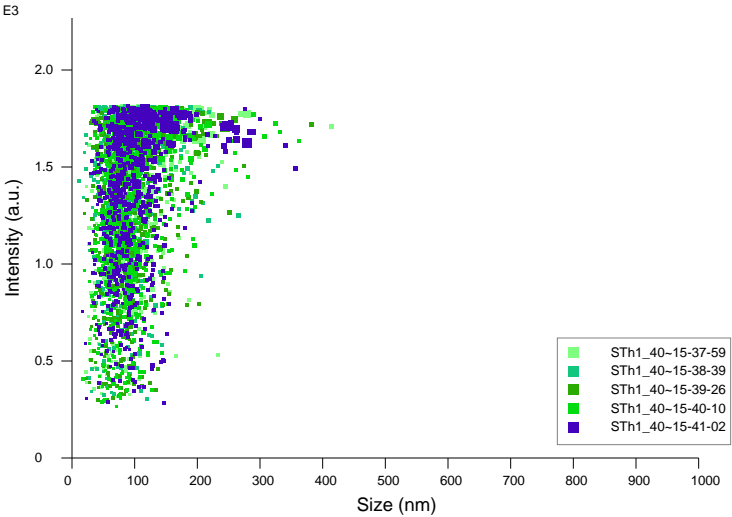
Stats: Merged Data

Mean: 107.2 nm
Mode: 80.6 nm
SD: 40.9 nm
D10: 72.8 nm
D50: 92.3 nm
D90: 155.4 nm

Stats: Mean +/- Standard Error

Mean: 106.7 +/- 3.7 nm
Mode: 79.3 +/- 2.0 nm
SD: 39.3 +/- 3.1 nm
D10: 73.6 +/- 1.2 nm
D50: 91.8 +/- 3.8 nm
D90: 157.1 +/- 5.9 nm
Concentration (Upgrade): 1.50e+08 +/- 7.47e+06 particles/ml
24.5 +/- 1.2 particles/frame
53.6 +/- 3.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD35 2023-06-28 15-37-45