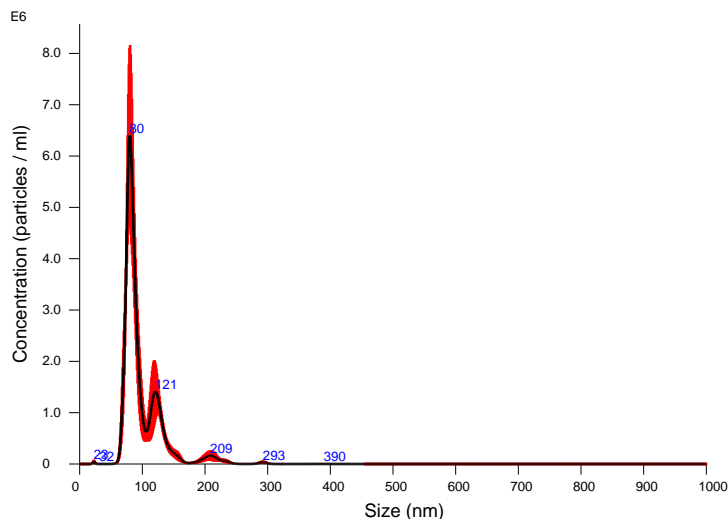


FTLA Concentration / Size graph for Experiment:
STh1_40x FD28 2023-06-21 15-32-07



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD28 2023-06-21 15-32-07
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD28 2023-06-21 15-32-24
STh1_40x FD28 2023-06-21 15-33-03
STh1_40x FD28 2023-06-21 15-33-44
STh1_40x FD28 2023-06-21 15-34-26
STh1_40x FD28 2023-06-21 15-35-16

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-32-07PM 21Jun2023.txt
Time Captured: 15:32:07 21/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_40x FD28
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: 25.6 - 25.6 °C
Viscosity: (Water) 0.876 - 0.877 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.0 - 20.5 pix

Results

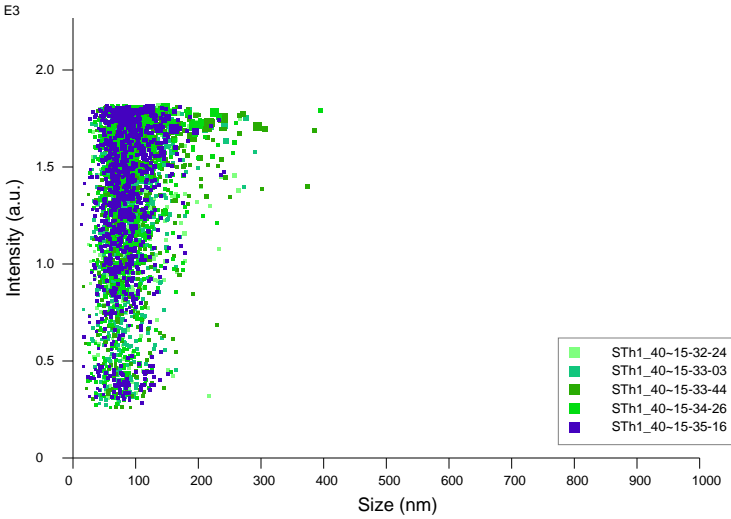
Stats: Merged Data

Mean: 97.7 nm
Mode: 79.9 nm
SD: 32.3 nm
D10: 73.9 nm
D50: 85.8 nm
D90: 131.3 nm

Stats: Mean +/- Standard Error

Mean: 98.0 +/- 3.5 nm
Mode: 81.8 +/- 2.6 nm
SD: 30.5 +/- 4.3 nm
D10: 74.0 +/- 1.3 nm
D50: 90.9 +/- 4.7 nm
D90: 144.3 +/- 12.2 nm
Concentration (Upgrade): 1.65e+08 +/- 7.01e+06 particles/ml
27.1 +/- 1.3 particles/frame
56.7 +/- 4.7 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD28 2023-06-21 15-32-07