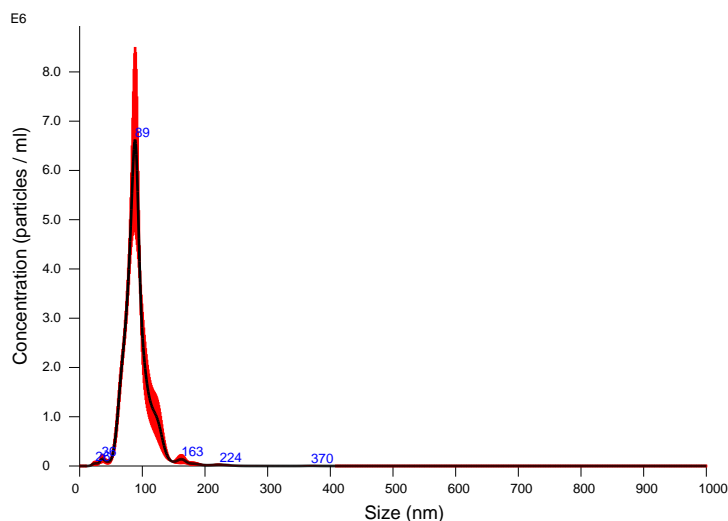


FTLA Concentration / Size graph for Experiment:
STh10_40x FD28 2023-06-21 15-14-40



Averaged FTLA Concentration / Size for Experiment:
STh10_40x FD28 2023-06-21 15-14-40
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x FD28 2023-06-21 15-14-59
STh10_40x FD28 2023-06-21 15-15-38
STh10_40x FD28 2023-06-21 15-16-18
STh10_40x FD28 2023-06-21 15-17-01
STh10_40x FD28 2023-06-21 15-17-42

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-14-40PM 21Jun2023.txt
Time Captured: 15:14:40 21/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_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: 25.2 °C
Viscosity: (Water) 0.883 - 0.884 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.2 - 23.2 pix

Results

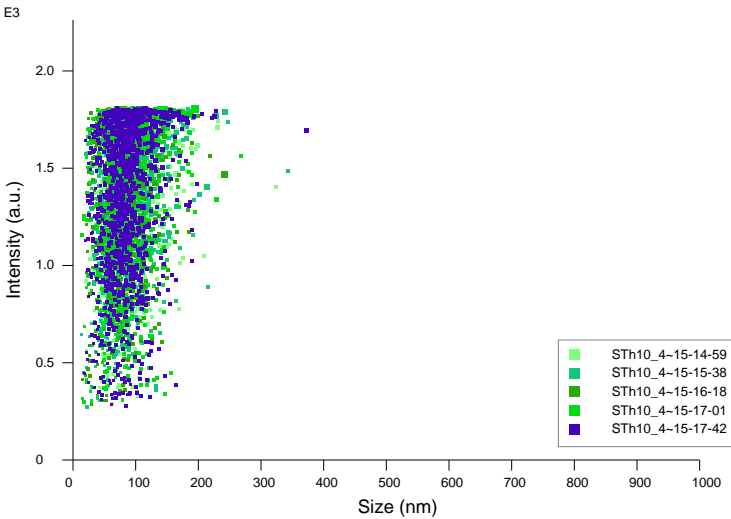
Stats: Merged Data

Mean: 91.5 nm
Mode: 88.4 nm
SD: 23.3 nm
D10: 68.7 nm
D50: 88.5 nm
D90: 118.1 nm

Stats: Mean +/- Standard Error

Mean: 91.6 +/- 1.5 nm
Mode: 88.5 +/- 2.1 nm
SD: 23.1 +/- 0.8 nm
D10: 68.7 +/- 0.8 nm
D50: 89.3 +/- 1.2 nm
D90: 113.6 +/- 5.2 nm
Concentration (Upgrade): 2.11e+08 +/- 9.33e+06 particles/ml
34.6 +/- 1.6 particles/frame
100.3 +/- 9.6 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x FD28 2023-06-21 15-14-40