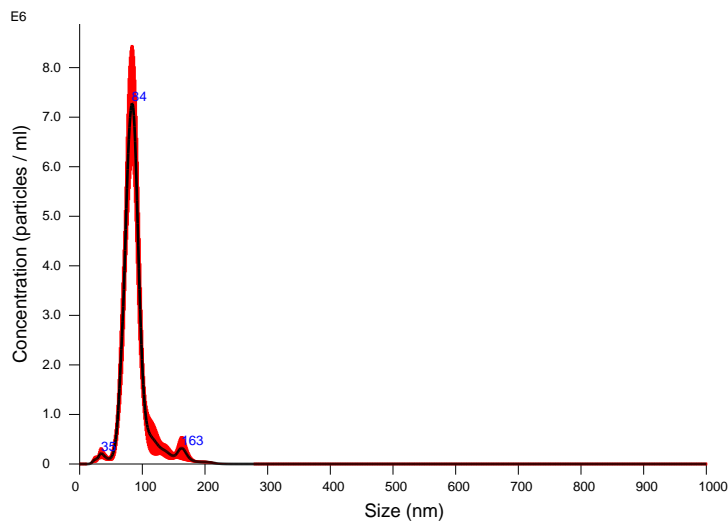


FTLA Concentration / Size graph for Experiment:
STh5_40x RT0 2023-05-18 12-22-30



Averaged FTLA Concentration / Size for Experiment:
STh5_40x RT0 2023-05-18 12-22-30
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x RT0 2023-05-18 12-22-56
STh5_40x RT0 2023-05-18 12-23-44
STh5_40x RT0 2023-05-18 12-24-26
STh5_40x RT0 2023-05-18 12-25-08
STh5_40x RT0 2023-05-18 12-25-52

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-22-30PM 18May2023.txt
Time Captured: 12:22:30 18/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x RT0
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: 24.0 - 24.0 °C
Viscosity: (Water) 0.909 - 0.910 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.3 - 24.0 pix

Results

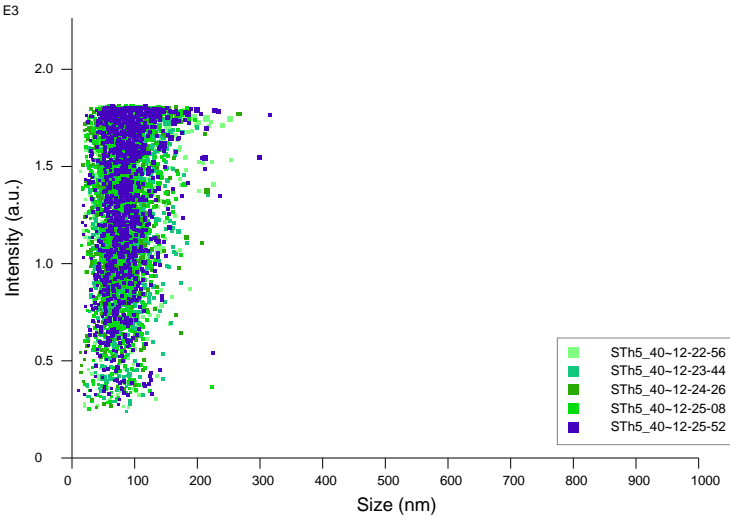
Stats: Merged Data

Mean: 87.9 nm
Mode: 83.8 nm
SD: 23.0 nm
D10: 68.3 nm
D50: 84.3 nm
D90: 109.9 nm

Stats: Mean +/- Standard Error

Mean: 87.9 +/- 1.2 nm
Mode: 83.3 +/- 2.5 nm
SD: 22.2 +/- 3.2 nm
D10: 68.6 +/- 2.2 nm
D50: 84.1 +/- 1.2 nm
D90: 122.7 +/- 9.7 nm
Concentration (Upgrade): 2.21e+08 +/- 9.42e+06 particles/ml
36.6 +/- 1.6 particles/frame
109.7 +/- 11.2 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x RT0 2023-05-18 12-22-30