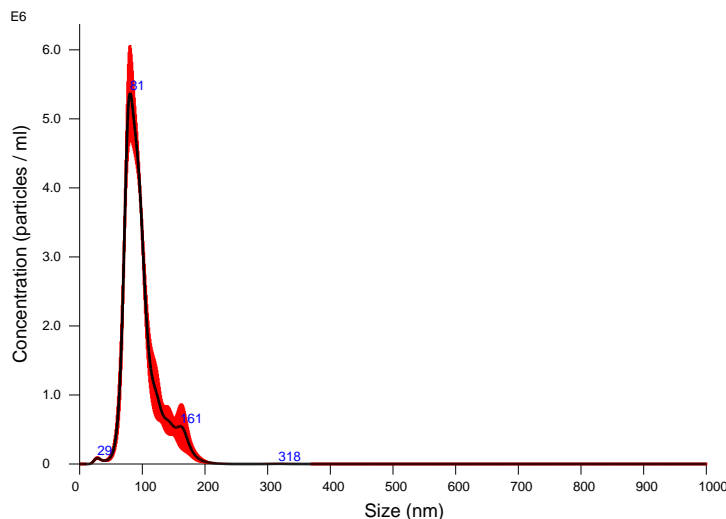


FTLA Concentration / Size graph for Experiment:
STh10_40x RT0 2023-05-18 12-31-55



Averaged FTLA Concentration / Size for Experiment:
STh10_40x RT0 2023-05-18 12-31-55
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x RT0 2023-05-18 12-32-21
STh10_40x RT0 2023-05-18 12-33-09
STh10_40x RT0 2023-05-18 12-33-52
STh10_40x RT0 2023-05-18 12-34-38
STh10_40x RT0 2023-05-18 12-35-28

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-31-55PM 18May2023.txt
Time Captured: 12:31:55 18/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_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: 24.2 °C
Viscosity: (Water) 0.903 - 0.905 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 18.7 - 20.9 pix

Results

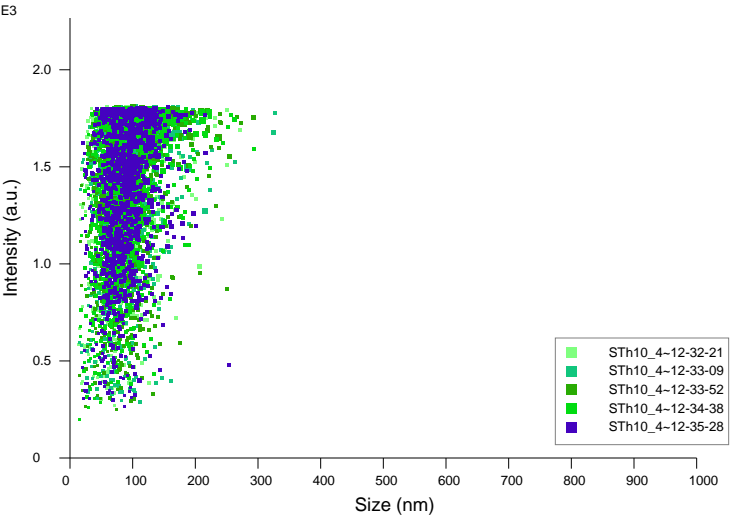
Stats: Merged Data

Mean: 96.9 nm
Mode: 80.5 nm
SD: 27.6 nm
D10: 71.2 nm
D50: 90.2 nm
D90: 137.5 nm

Stats: Mean +/- Standard Error

Mean: 96.8 +/- 1.4 nm
Mode: 84.9 +/- 3.2 nm
SD: 26.8 +/- 2.4 nm
D10: 71.0 +/- 1.2 nm
D50: 90.4 +/- 1.0 nm
D90: 140.1 +/- 6.9 nm
Concentration (Upgrade): 2.30e+08 +/- 1.09e+07 particles/ml
37.7 +/- 1.7 particles/frame
103.4 +/- 9.3 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x RT0 2023-05-18 12-31-55