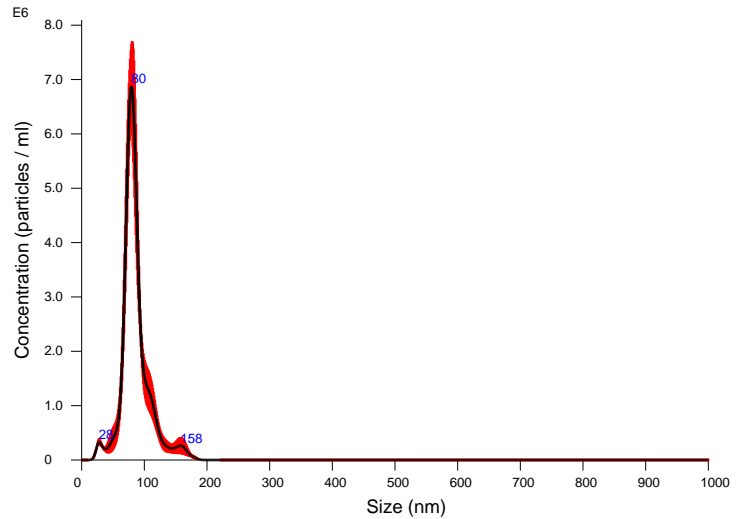


FTLA Concentration / Size graph for Experiment:
STh10_40x RT41 2023-06-28 15-09-58



Averaged FTLA Concentration / Size for Experiment:
STh10_40x RT41 2023-06-28 15-09-58
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x RT41 2023-06-28 15-10-12
STh10_40x RT41 2023-06-28 15-10-54
STh10_40x RT41 2023-06-28 15-11-39
STh10_40x RT41 2023-06-28 15-12-19
STh10_40x RT41 2023-06-28 15-13-00

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-09-58PM 28Jun2023.txt
Time Captured: 15:09:58 28/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_40x RT41
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: 20.7 - 24.0 pix

Results

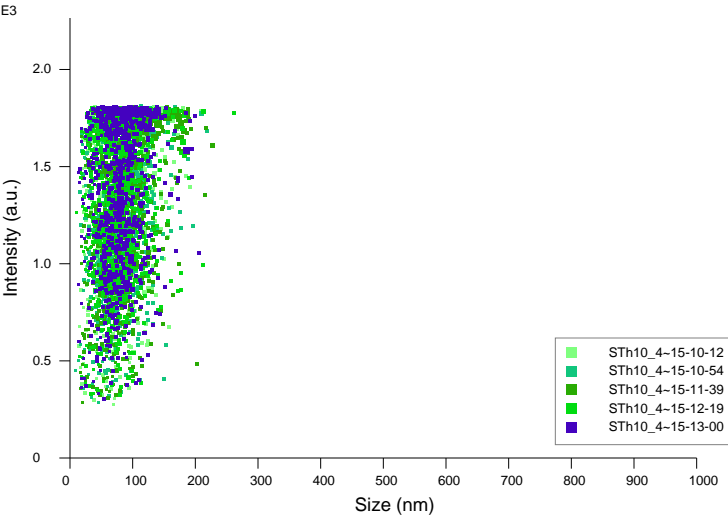
Stats: Merged Data

Mean: 85.6 nm
Mode: 79.5 nm
SD: 22.9 nm
D10: 65.5 nm
D50: 81.8 nm
D90: 113.2 nm

Stats: Mean +/- Standard Error

Mean: 85.4 +/- 1.4 nm
Mode: 78.6 +/- 1.6 nm
SD: 22.3 +/- 1.3 nm
D10: 64.8 +/- 2.2 nm
D50: 81.8 +/- 0.7 nm
D90: 112.0 +/- 5.6 nm
Concentration (Upgrade): 2.10e+08 +/- 1.30e+07 particles/ml
34.9 +/- 2.1 particles/frame
146.5 +/- 9.2 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x RT41 2023-06-28 15-09-58