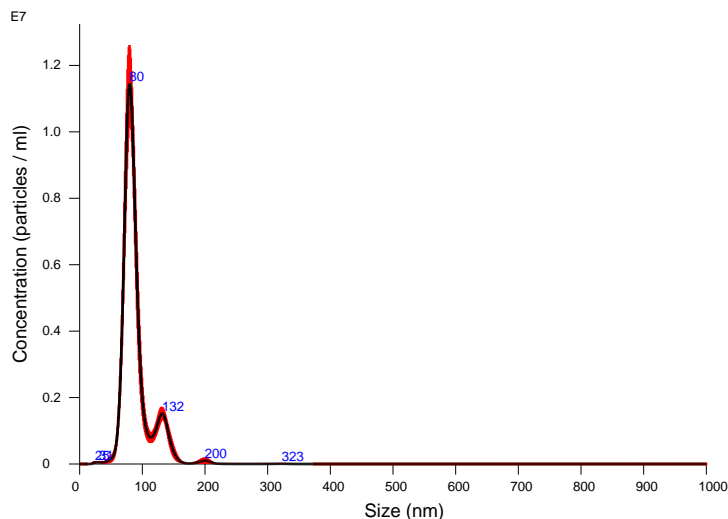


FTLA Concentration / Size graph for Experiment:
STh10_40x RT20 2023-06-07 11-37-09



Averaged FTLA Concentration / Size for Experiment:
STh10_40x RT20 2023-06-07 11-37-09
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x RT20 2023-06-07 11-37-26
STh10_40x RT20 2023-06-07 11-38-06
STh10_40x RT20 2023-06-07 11-38-45
STh10_40x RT20 2023-06-07 11-39-26
STh10_40x RT20 2023-06-07 11-40-06

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 11-37-09AM 07Jun2023.txt
Time Captured: 11:37:09 07/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_40x RT20
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 7
Slider Shutter: 121
Slider Gain: 24
FPS: 25.0
Number of Frames: 749
Temperature: 24.9 - 25.0 °C
Viscosity: (Water) 0.890 - 0.891 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.1 - 20.4 pix

Results

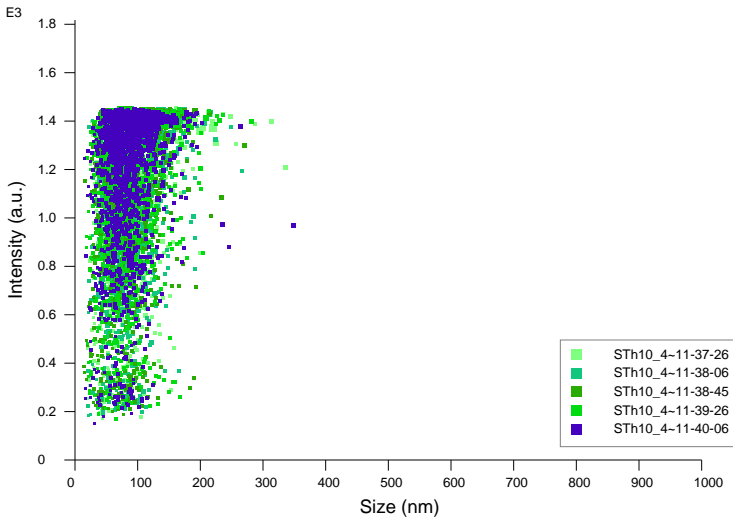
Stats: Merged Data

Mean: 89.2 nm
Mode: 79.8 nm
SD: 23.7 nm
D10: 69.6 nm
D50: 82.9 nm
D90: 125.9 nm

Stats: Mean +/- Standard Error

Mean: 89.2 +/- 0.4 nm
Mode: 80.5 +/- 1.4 nm
SD: 23.5 +/- 1.2 nm
D10: 69.7 +/- 0.3 nm
D50: 83.1 +/- 1.0 nm
D90: 125.7 +/- 2.8 nm
Concentration (Upgrade): 3.21e+08 +/- 1.21e+07 particles/ml
50.5 +/- 1.7 particles/frame
110.9 +/- 7.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x RT20 2023-06-07 11-37-09