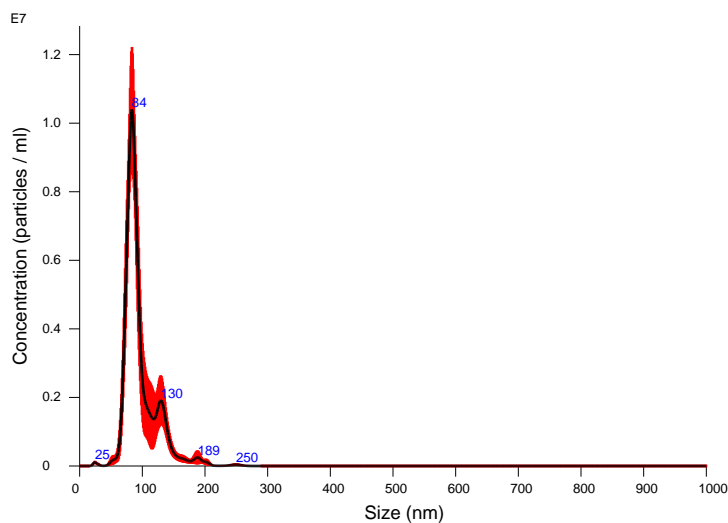


FTLA Concentration / Size graph for Experiment:
STh1_40x FD0 2023-05-24 17-57-15



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD0 2023-05-24 17-57-15
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD0 2023-05-24 17-57-32
STh1_40x FD0 2023-05-24 17-58-14
STh1_40x FD0 2023-05-24 17-59-09
STh1_40x FD0 2023-05-24 17-59-50
STh1_40x FD0 2023-05-24 18-01-02

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 05-57-15PM 24May2023.txt
Time Captured: 17:57:15 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_40x FD0
Diluent:
Remarks: Dilution from concentrated NPs+HITC

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: 24.7 °C
Viscosity: (Water) 0.9 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 18.4 - 19.9 pix

Results

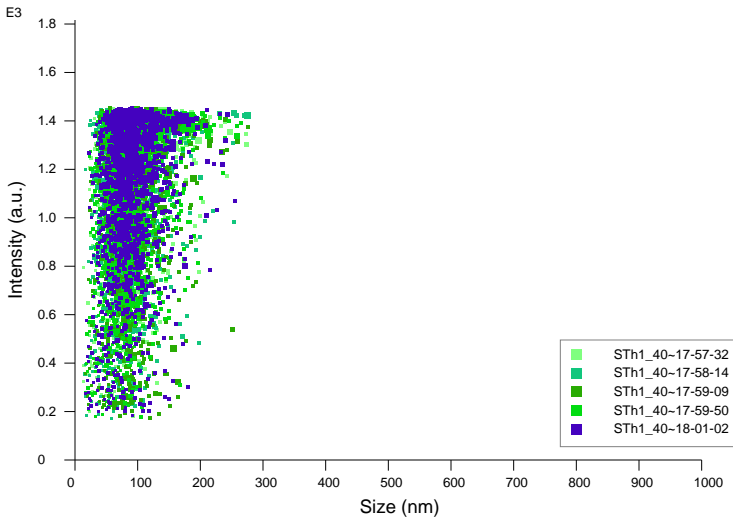
Stats: Merged Data

Mean: 95.8 nm
Mode: 83.3 nm
SD: 26.5 nm
D10: 73.5 nm
D50: 87.5 nm
D90: 132.0 nm

Stats: Mean +/- Standard Error

Mean: 95.9 +/- 1.7 nm
Mode: 84.7 +/- 2.5 nm
SD: 26.3 +/- 1.1 nm
D10: 73.9 +/- 1.2 nm
D50: 87.8 +/- 0.6 nm
D90: 128.9 +/- 6.2 nm
Concentration (Upgrade): 3.06e+08 +/- 1.47e+07 particles/ml
49.0 +/- 2.1 particles/frame
107.3 +/- 8.2 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD0 2023-05-24 17-57-15