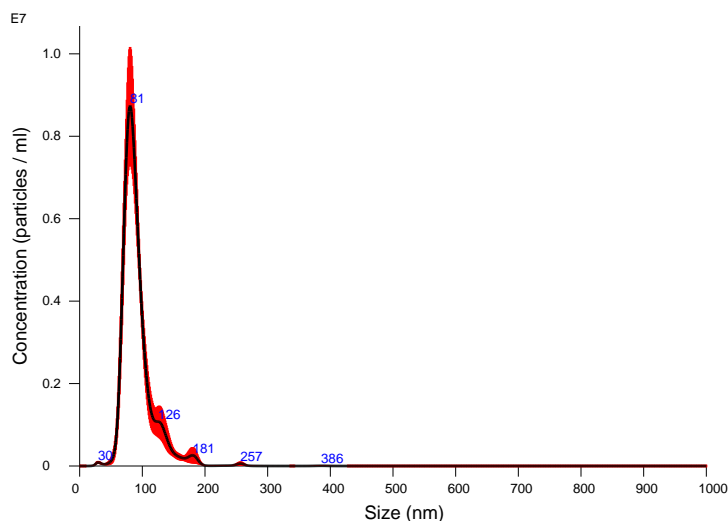


FTLA Concentration / Size graph for Experiment:
STh5_40x FD0 2023-05-24 15-47-27



Averaged FTLA Concentration / Size for Experiment:
STh5_40x FD0 2023-05-24 15-47-27
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x FD0 2023-05-24 15-47-27
STh5_40x FD0 2023-05-24 15-48-24
STh5_40x FD0 2023-05-24 15-49-05
STh5_40x FD0 2023-05-24 15-49-43
STh5_40x FD0 2023-05-24 15-50-30

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-47-27PM 24May2023.txt
Time Captured: 15:47:27 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_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: 26.0 - 26.0 °C
Viscosity: (Water) 0.868 - 0.869 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.6 - 20.0 pix

Results

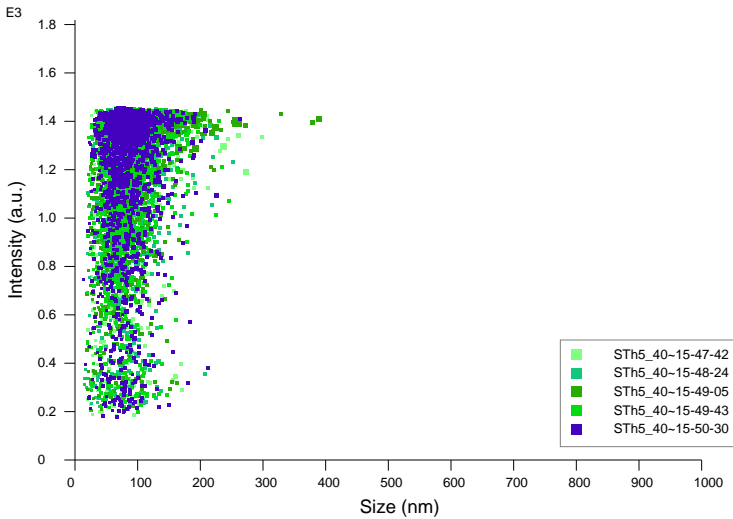
Stats: Merged Data

Mean: 91.5 nm
Mode: 80.5 nm
SD: 26.0 nm
D10: 69.2 nm
D50: 85.5 nm
D90: 123.1 nm

Stats: Mean +/- Standard Error

Mean: 91.5 +/- 2.4 nm
Mode: 80.5 +/- 2.3 nm
SD: 24.4 +/- 3.4 nm
D10: 69.3 +/- 1.0 nm
D50: 86.0 +/- 1.6 nm
D90: 120.1 +/- 6.9 nm
Concentration (Upgrade): 3.13e+08 +/- 1.16e+07 particles/ml
47.7 +/- 1.5 particles/frame
111.5 +/- 4.9 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x FD0 2023-05-24 15-47-27