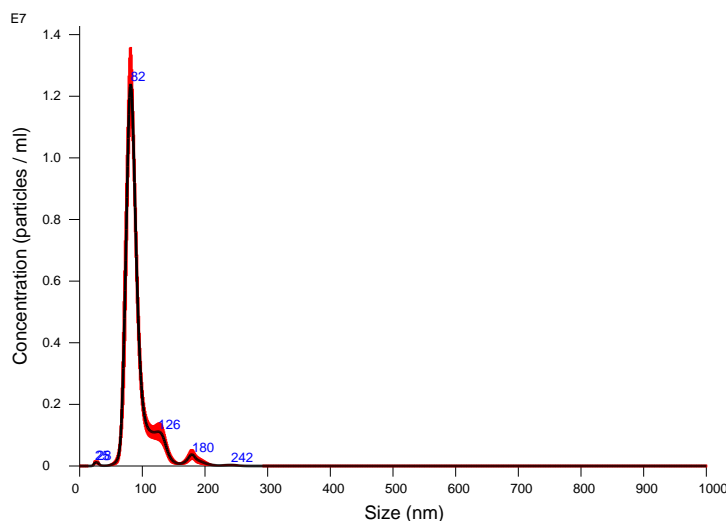


FTLA Concentration / Size graph for Experiment:
STh5_40x F 2023-05-24 15-26-41



Averaged FTLA Concentration / Size for Experiment:
STh5_40x F 2023-05-24 15-26-41
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x F 2023-05-24 15-26-56
STh5_40x F 2023-05-24 15-27-35
STh5_40x F 2023-05-24 15-28-17
STh5_40x F 2023-05-24 15-28-57
STh5_40x F 2023-05-24 15-29-39

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-26-41PM 24May2023.txt
Time Captured: 15:26:41 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x F
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: 25.8 - 25.9 °C
Viscosity: (Water) 0.871 - 0.872 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.2 - 20.1 pix

Results

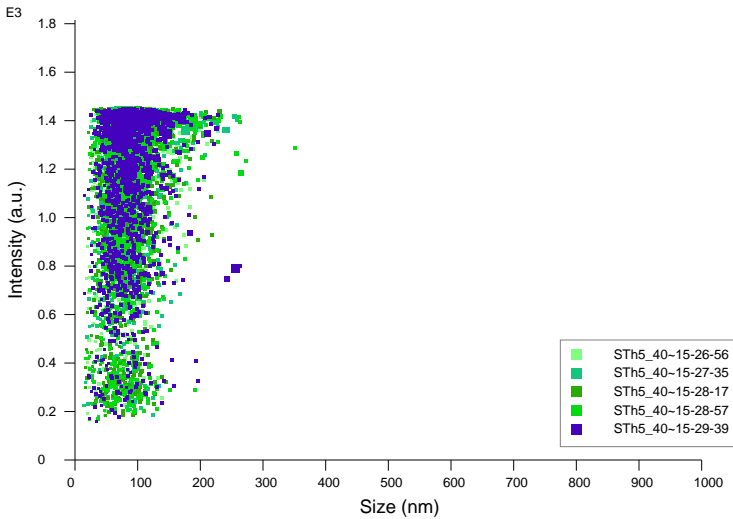
Stats: Merged Data

Mean: 91.7 nm
Mode: 81.4 nm
SD: 24.7 nm
D10: 73.2 nm
D50: 84.6 nm
D90: 122.3 nm

Stats: Mean +/- Standard Error

Mean: 91.7 +/- 1.3 nm
Mode: 81.5 +/- 1.3 nm
SD: 24.1 +/- 2.4 nm
D10: 73.6 +/- 1.0 nm
D50: 84.7 +/- 0.9 nm
D90: 120.4 +/- 4.7 nm
Concentration (Upgrade): 3.03e+08 +/- 1.07e+07 particles/ml
47.2 +/- 1.3 particles/frame
103.7 +/- 4.8 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x F 2023-05-24 15-26-41