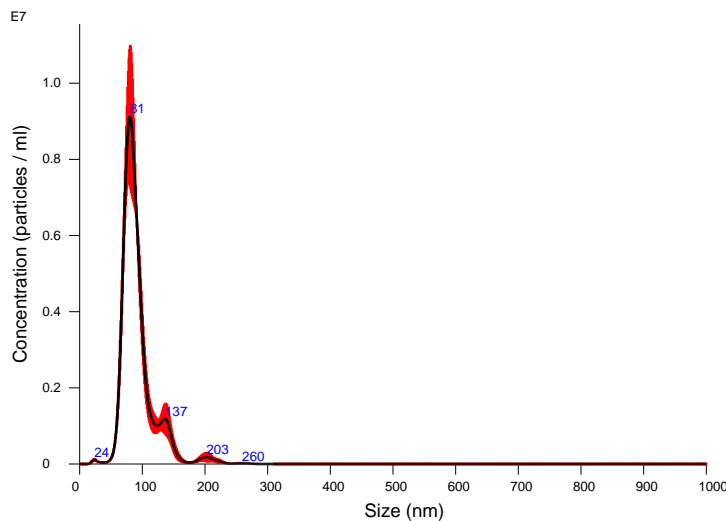


FTLA Concentration / Size graph for Experiment:
STh5_40x RT6 2023-05-24 14-54-54



Averaged FTLA Concentration / Size for Experiment:
STh5_40x RT6 2023-05-24 14-54-54
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x RT6 2023-05-24 14-55-08
STh5_40x RT6 2023-05-24 14-55-53
STh5_40x RT6 2023-05-24 14-56-34
STh5_40x RT6 2023-05-24 14-57-19
STh5_40x RT6 2023-05-24 14-58-02

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-54-54PM 24May2023.txt
Time Captured: 14:54:54 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x RT6
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: 25.5 - 25.5 °C
Viscosity: (Water) 0.878 - 0.879 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.8 - 20.2 pix

Results

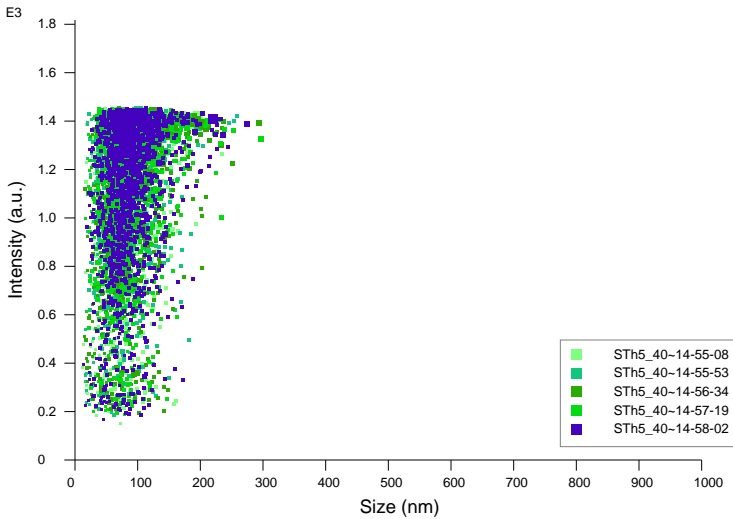
Stats: Merged Data

Mean: 91.8 nm
Mode: 80.3 nm
SD: 27.1 nm
D10: 68.8 nm
D50: 85.2 nm
D90: 127.4 nm

Stats: Mean +/- Standard Error

Mean: 91.9 +/- 1.6 nm
Mode: 77.8 +/- 2.2 nm
SD: 26.6 +/- 1.7 nm
D10: 68.9 +/- 0.7 nm
D50: 85.8 +/- 1.1 nm
D90: 126.6 +/- 5.9 nm
Concentration (Upgrade): 3.29e+08 +/- 1.42e+07 particles/ml
50.8 +/- 2.2 particles/frame
127.0 +/- 6.5 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x RT6 2023-05-24 14-54-54