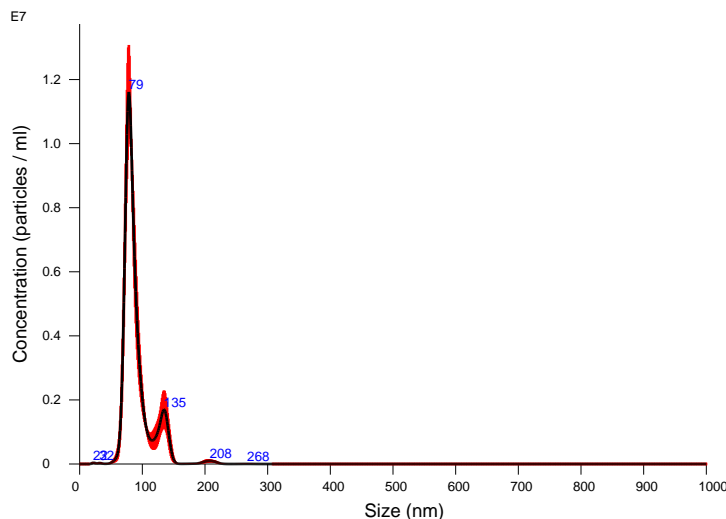


FTLA Concentration / Size graph for Experiment:
STh10_40x FD0 2023-05-24 15-40-23



Averaged FTLA Concentration / Size for Experiment:
STh10_40x FD0 2023-05-24 15-40-23
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x FD0 2023-05-24 15-40-35
STh10_40x FD0 2023-05-24 15-41-16
STh10_40x FD0 2023-05-24 15-42-02
STh10_40x FD0 2023-05-24 15-42-41
STh10_40x FD0 2023-05-24 15-43-25

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-40-23PM 24May2023.txt
Time Captured: 15:40:23 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_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: 25.9 °C
Viscosity: (Water) 0.869 - 0.870 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.4 - 20.5 pix

Results

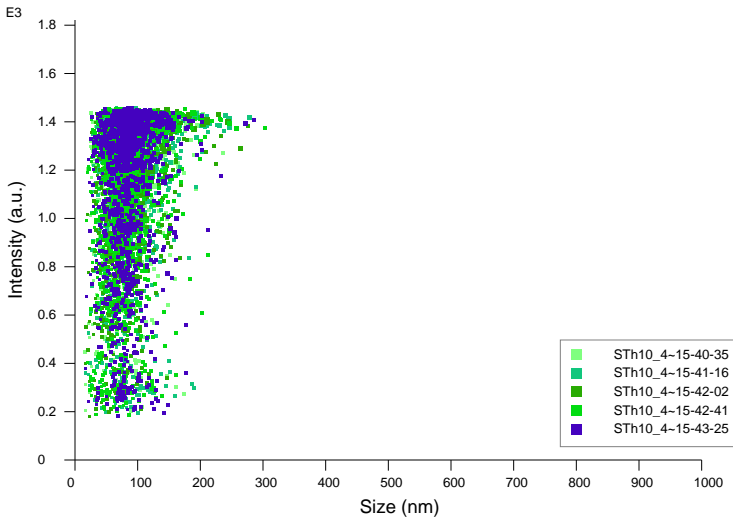
Stats: Merged Data

Mean: 90.1 nm
Mode: 78.6 nm
SD: 22.8 nm
D10: 71.8 nm
D50: 82.9 nm
D90: 127.6 nm

Stats: Mean +/- Standard Error

Mean: 90.1 +/- 0.9 nm
Mode: 79.4 +/- 1.3 nm
SD: 22.3 +/- 1.8 nm
D10: 71.8 +/- 0.5 nm
D50: 83.1 +/- 0.8 nm
D90: 125.5 +/- 5.8 nm
Concentration (Upgrade): 2.82e+08 +/- 8.75e+06 particles/ml
43.2 +/- 0.9 particles/frame
94.4 +/- 3.7 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x FD0 2023-05-24 15-40-23