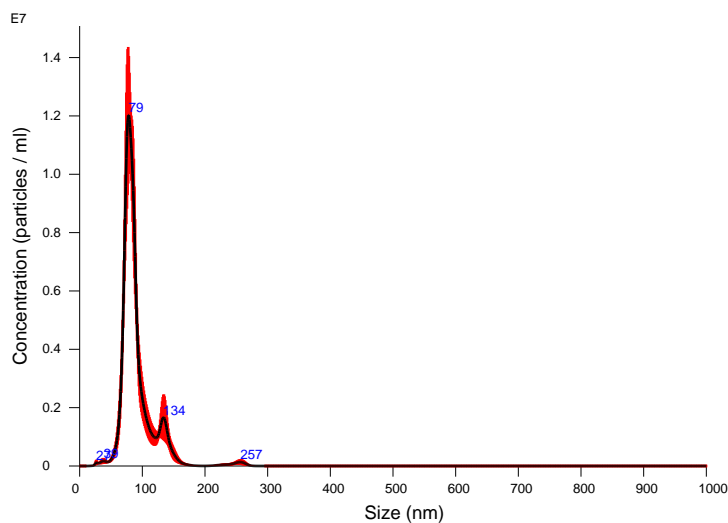


FTLA Concentration / Size graph for Experiment:
S_40x RT6 2023-05-24 14-22-29



Averaged FTLA Concentration / Size for Experiment:
S_40x RT6 2023-05-24 14-22-29
Error bars indicate + / - 1 standard error of the mean

Included Files

S_40x RT6 2023-05-24 14-23-06
S_40x RT6 2023-05-24 14-23-51
S_40x RT6 2023-05-24 14-24-34
S_40x RT6 2023-05-24 14-25-19
S_40x RT6 2023-05-24 14-26-01

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-22-29PM 24May2023.txt
Time Captured: 14:22:29 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: S_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: 25.0 - 25.0 °C
Viscosity: (Water) 0.888 - 0.889 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.8 - 20.5 pix

Results

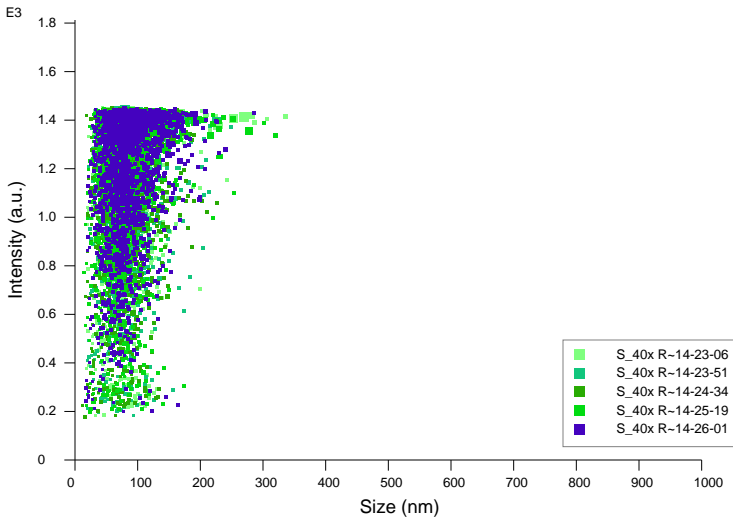
Stats: Merged Data

Mean: 90.3 nm
Mode: 78.1 nm
SD: 27.6 nm
D10: 69.7 nm
D50: 82.8 nm
D90: 127.6 nm

Stats: Mean +/- Standard Error

Mean: 90.3 +/- 1.4 nm
Mode: 79.4 +/- 1.7 nm
SD: 26.7 +/- 3.2 nm
D10: 69.5 +/- 1.0 nm
D50: 82.8 +/- 0.7 nm
D90: 122.0 +/- 4.8 nm
Concentration (Upgrade): 3.37e+08 +/- 1.67e+07 particles/ml
52.6 +/- 2.4 particles/frame
126.0 +/- 5.2 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x RT6 2023-05-24 14-22-29