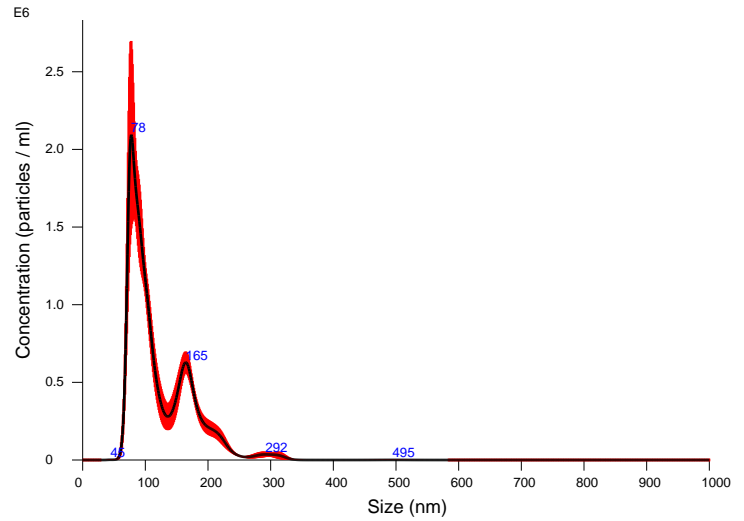


FTLA Concentration / Size graph for Experiment:
S_40x FD0 2023-05-24 18-07-42



Averaged FTLA Concentration / Size for Experiment:
S_40x FD0 2023-05-24 18-07-42
Error bars indicate + / - 1 standard error of the mean

Included Files

S_40x FD0 2023-05-24 18-07-55
S_40x FD0 2023-05-24 18-08-40
S_40x FD0 2023-05-24 18-09-35
S_40x FD0 2023-05-24 18-10-18
S_40x FD0 2023-05-24 18-11-00

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 06-07-42PM 24May2023.txt
Time Captured: 18:07:42 24/05/2023
Operator: LN
Pre-treatment:
Sample Name: S_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: 24.7 °C
Viscosity: (Water) 0.893 - 0.894 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 15.9 - 17.4 pix

Results

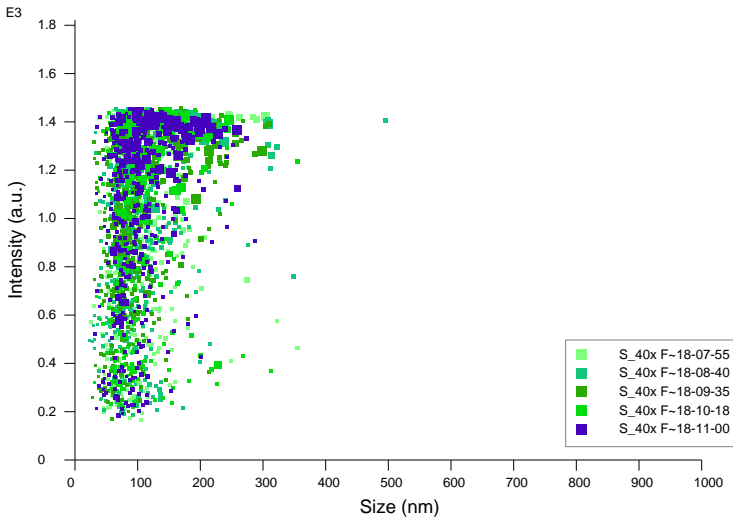
Stats: Merged Data

Mean: 120.8 nm
Mode: 77.6 nm
SD: 50.1 nm
D10: 74.8 nm
D50: 101.2 nm
D90: 189.3 nm

Stats: Mean +/- Standard Error

Mean: 120.9 +/- 1.5 nm
Mode: 81.7 +/- 3.2 nm
SD: 49.2 +/- 3.2 nm
D10: 76.0 +/- 1.9 nm
D50: 101.0 +/- 4.0 nm
D90: 190.1 +/- 4.5 nm
Concentration (Upgrade): 1.08e+08 +/- 5.35e+06 particles/ml
17.7 +/- 0.9 particles/frame
27.0 +/- 1.7 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x FD0 2023-05-24 18-07-42