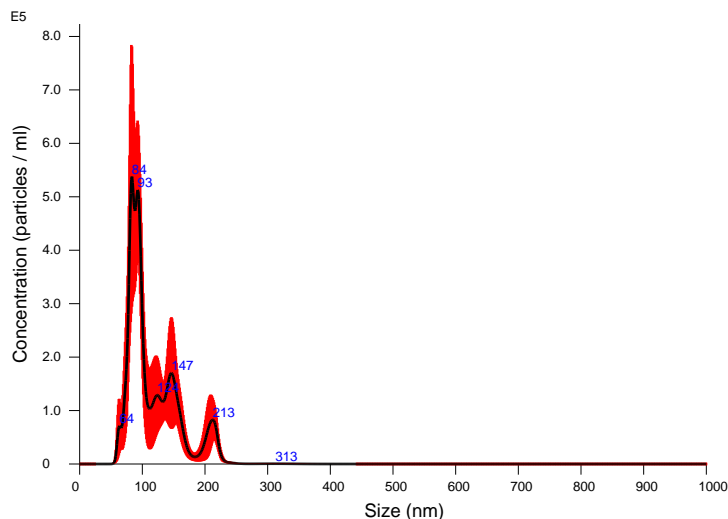


FTLA Concentration / Size graph for Experiment:
S_40x FD7 2023-05-31 13-40-12



Averaged FTLA Concentration / Size for Experiment:
S_40x FD7 2023-05-31 13-40-12
Error bars indicate + / - 1 standard error of the mean

Included Files

S_40x FD7 2023-05-31 13-40-12
S_40x FD7 2023-05-31 13-41-31
S_40x FD7 2023-05-31 13-42-27
S_40x FD7 2023-05-31 13-43-09
S_40x FD7 2023-05-31 13-43-49

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 01-40-12PM 31May2023.txt
Time Captured: 13:40:12 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: S_40x FD7
Diluent:
Remarks:

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: 26.1 - 26.1 °C
Viscosity: (Water) 0.866 - 0.868 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 15.5 - 33.5 pix

Results

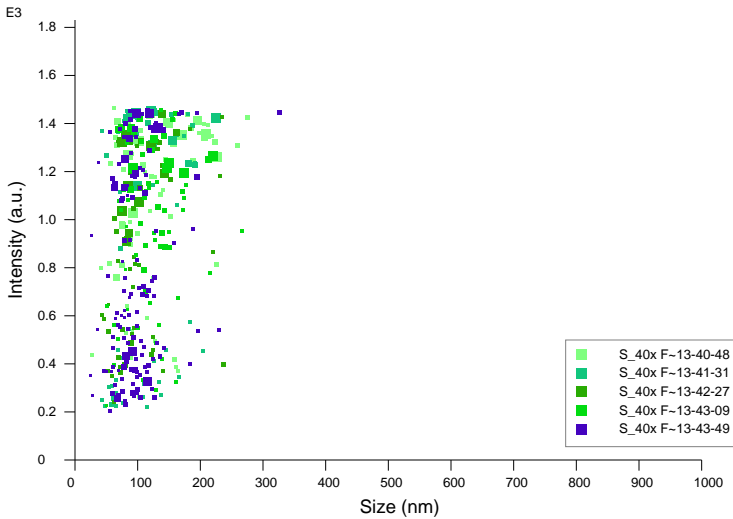
Stats: Merged Data

Mean: 115.3 nm
Mode: 83.3 nm
SD: 40.7 nm
D10: 78.4 nm
D50: 98.0 nm
D90: 170.3 nm

Stats: Mean +/- Standard Error

Mean: 117.7 +/- 7.4 nm
Mode: 90.2 +/- 2.5 nm
SD: 38.0 +/- 4.2 nm
D10: 77.6 +/- 3.7 nm
D50: 105.6 +/- 9.7 nm
D90: 166.5 +/- 14.7 nm
Concentration (Upgrade): 2.35e+07 +/- 4.24e+06 particles/ml
3.6 +/- 0.5 particles/frame
5.6 +/- 0.9 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x FD7 2023-05-31 13-40-12