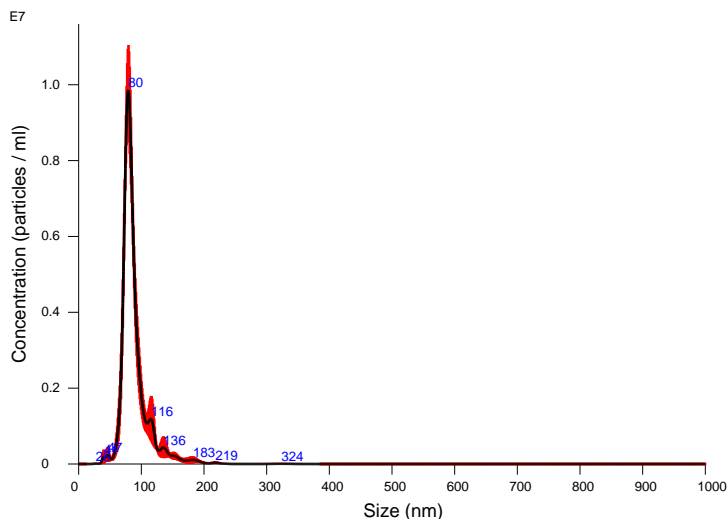


FTLA Concentration / Size graph for Experiment:
STh5_40x FD14 2023-06-07 12-00-12



Averaged FTLA Concentration / Size for Experiment:
STh5_40x FD14 2023-06-07 12-00-12
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x FD14 2023-06-07 12-00-25
STh5_40x FD14 2023-06-07 12-01-10
STh5_40x FD14 2023-06-07 12-02-02
STh5_40x FD14 2023-06-07 12-02-44
STh5_40x FD14 2023-06-07 12-03-26

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-00-12PM 07Jun2023.txt
Time Captured: 12:00:12 07/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x FD14
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: 25.3 - 25.4 °C
Viscosity: (Water) 0.880 - 0.882 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.7 - 20.2 pix

Results

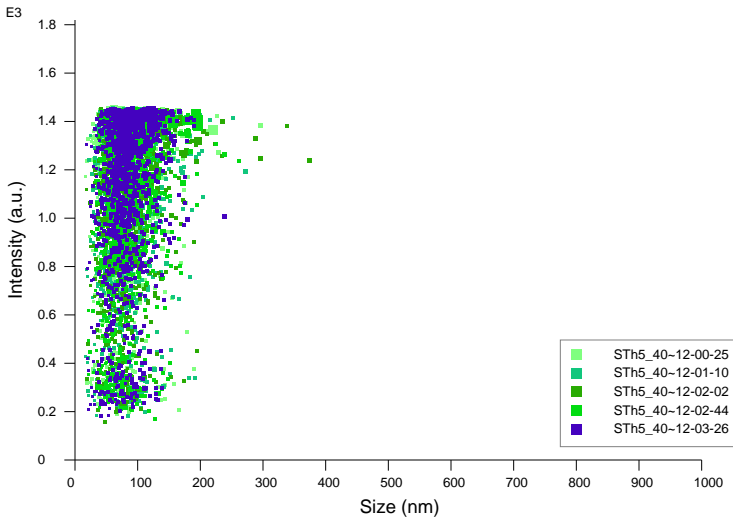
Stats: Merged Data

Mean: 88.4 nm
Mode: 79.1 nm
SD: 23.6 nm
D10: 70.7 nm
D50: 82.4 nm
D90: 114.5 nm

Stats: Mean +/- Standard Error

Mean: 88.4 +/- 1.4 nm
Mode: 79.1 +/- 1.0 nm
SD: 23.0 +/- 2.2 nm
D10: 70.5 +/- 1.3 nm
D50: 82.6 +/- 0.4 nm
D90: 116.2 +/- 4.2 nm
Concentration (Upgrade): 2.43e+08 +/- 3.34e+06 particles/ml
38.7 +/- 0.5 particles/frame
73.7 +/- 2.5 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x FD14 2023-06-07 12-00-12