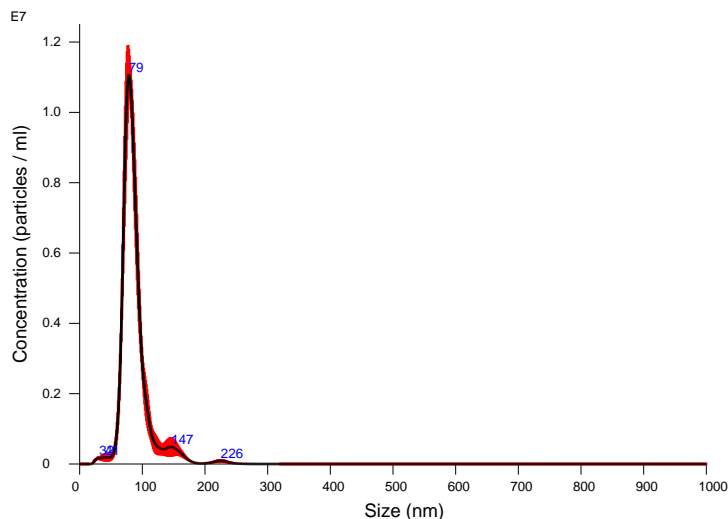


FTLA Concentration / Size graph for Experiment:
STh5_40x RT20 2023-06-07 11-27-45



Averaged FTLA Concentration / Size for Experiment:
STh5_40x RT20 2023-06-07 11-27-45
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x RT20 2023-06-07 11-28-13
STh5_40x RT20 2023-06-07 11-28-56
STh5_40x RT20 2023-06-07 11-29-38
STh5_40x RT20 2023-06-07 11-30-19
STh5_40x RT20 2023-06-07 11-31-03

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 11-27-45AM 07Jun2023.txt
Time Captured: 11:27:45 07/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x RT20
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: 24.6 - 24.7 °C
Viscosity: (Water) 0.894 - 0.896 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.7 - 20.0 pix

Results

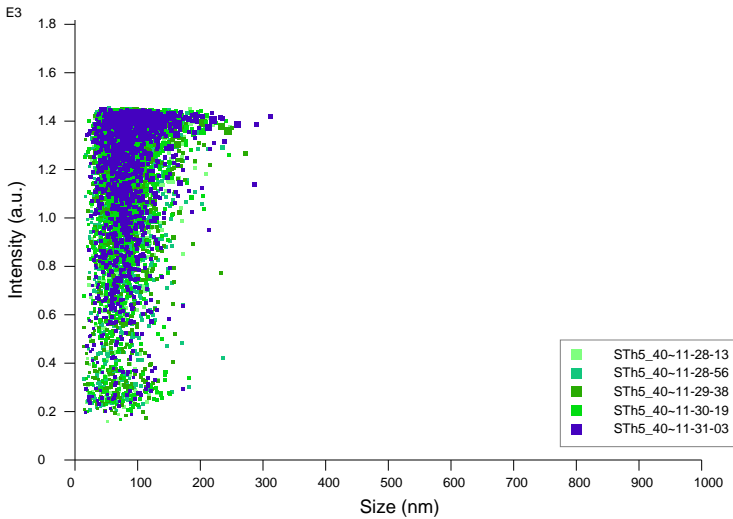
Stats: Merged Data

Mean: 87.6 nm
Mode: 78.7 nm
SD: 24.3 nm
D10: 68.5 nm
D50: 82.4 nm
D90: 110.4 nm

Stats: Mean +/- Standard Error

Mean: 87.6 +/- 2.1 nm
Mode: 79.8 +/- 1.5 nm
SD: 23.3 +/- 3.1 nm
D10: 68.4 +/- 0.7 nm
D50: 82.5 +/- 1.1 nm
D90: 114.3 +/- 8.3 nm
Concentration (Upgrade): 3.33e+08 +/- 6.11e+06 particles/ml
51.8 +/- 0.8 particles/frame
130.0 +/- 4.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x RT20 2023-06-07 11-27-45