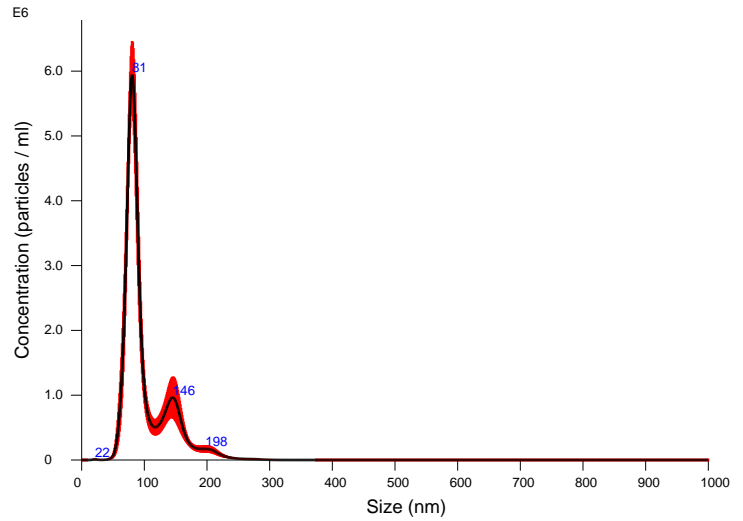


FTLA Concentration / Size graph for Experiment:
STh1_40x FD14 2023-06-07 12-07-43



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD14 2023-06-07 12-07-43
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD14 2023-06-07 12-07-57
STh1_40x FD14 2023-06-07 12-08-38
STh1_40x FD14 2023-06-07 12-09-22
STh1_40x FD14 2023-06-07 12-10-04
STh1_40x FD14 2023-06-07 12-10-46

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-07-43PM 07Jun2023.txt
Time Captured: 12:07:43 07/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_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: 25.4 - 25.5 °C
Viscosity: (Water) 0.878 - 0.880 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 18.7 - 19.5 pix

Results

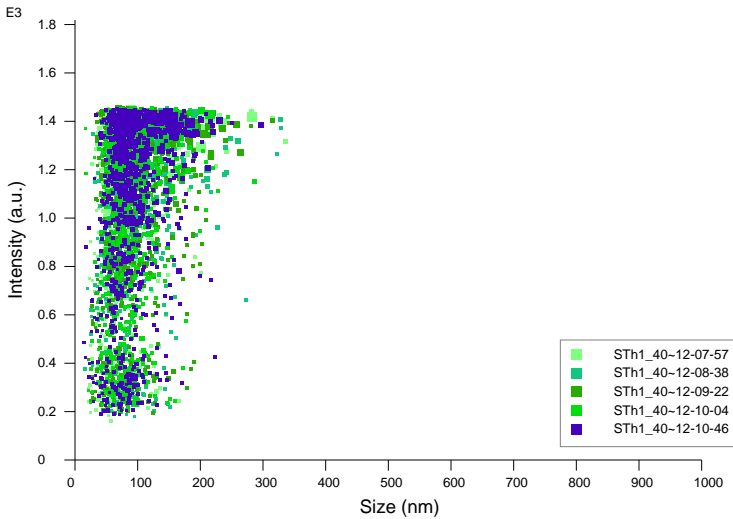
Stats: Merged Data

Mean: 99.9 nm
Mode: 80.6 nm
SD: 36.3 nm
D10: 70.1 nm
D50: 85.6 nm
D90: 153.0 nm

Stats: Mean +/- Standard Error

Mean: 99.9 +/- 2.4 nm
Mode: 79.9 +/- 1.4 nm
SD: 35.4 +/- 2.8 nm
D10: 70.6 +/- 1.4 nm
D50: 86.0 +/- 1.3 nm
D90: 152.8 +/- 5.8 nm
Concentration (Upgrade): 1.94e+08 +/- 9.29e+06 particles/ml
31.0 +/- 1.3 particles/frame
52.7 +/- 4.3 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD14 2023-06-07 12-07-43