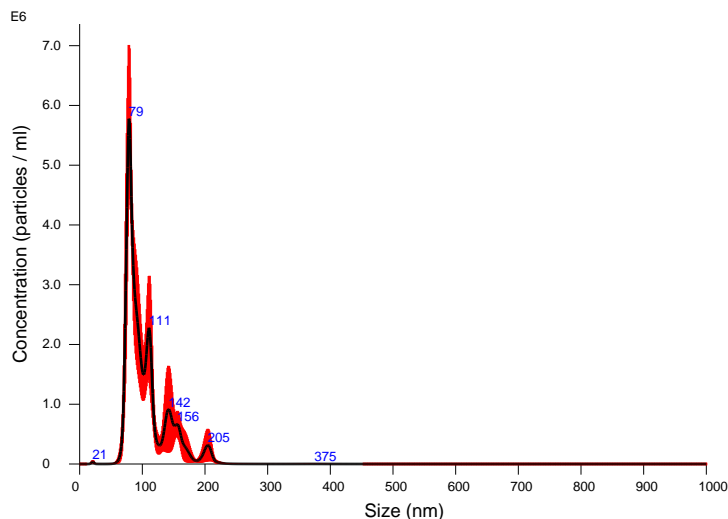


FTLA Concentration / Size graph for Experiment:
STh1_40x FD21 2023-06-14 13-02-53



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD21 2023-06-14 13-02-53
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD21 2023-06-14 13-03-07
STh1_40x FD21 2023-06-14 13-03-49
STh1_40x FD21 2023-06-14 13-04-29
STh1_40x FD21 2023-06-14 13-05-08
STh1_40x FD21 2023-06-14 13-05-48

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 01-02-53PM 14Jun2023.txt
Time Captured: 13:02:53 14/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_40x FD21
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 6
Slider Shutter: 64
Slider Gain: 5
FPS: 25.0
Number of Frames: 749
Temperature: 25.4 °C
Viscosity: (Water) 0.879 - 0.880 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.2 - 20.4 pix

Results

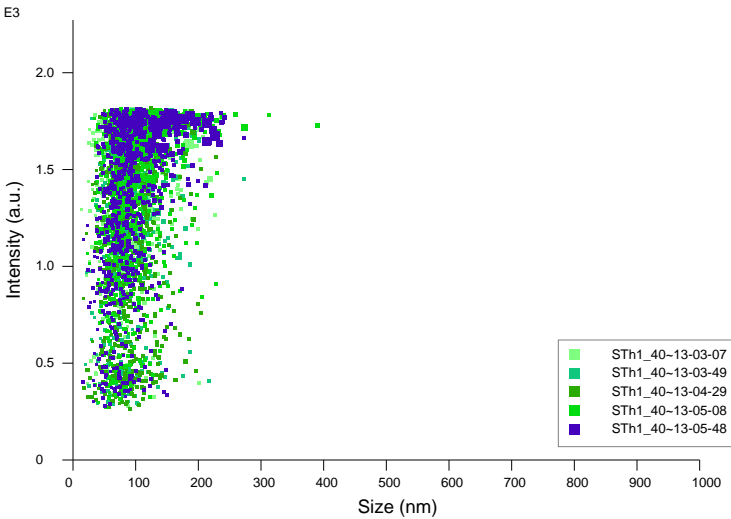
Stats: Merged Data

Mean: 103.7 nm
Mode: 78.9 nm
SD: 32.7 nm
D10: 75.5 nm
D50: 92.1 nm
D90: 151.8 nm

Stats: Mean +/- Standard Error

Mean: 102.9 +/- 4.2 nm
Mode: 82.4 +/- 2.3 nm
SD: 30.0 +/- 3.8 nm
D10: 75.9 +/- 0.8 nm
D50: 89.9 +/- 2.7 nm
D90: 146.2 +/- 14.5 nm
Concentration (Upgrade): 1.68e+08 +/- 1.22e+07 particles/ml
26.9 +/- 1.7 particles/frame
59.9 +/- 10.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD21 2023-06-14 13-02-53