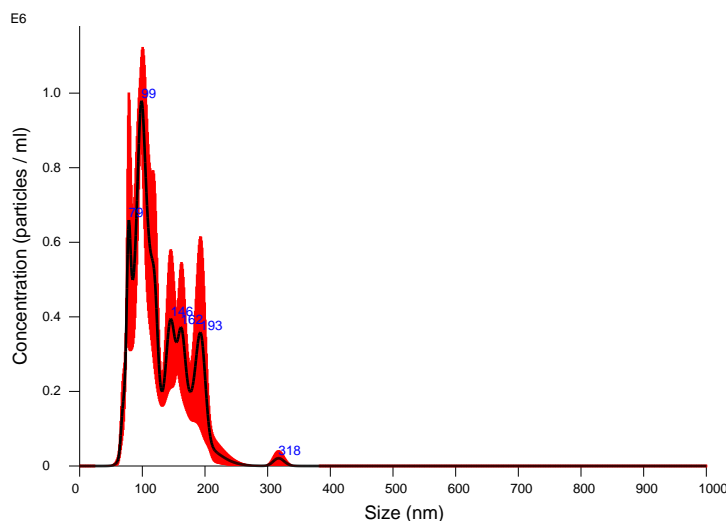


FTLA Concentration / Size graph for Experiment:
STh1_40x FD7 2023-05-31 13-09-19



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD7 2023-05-31 13-09-19
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD7 2023-05-31 13-09-51
STh1_40x FD7 2023-05-31 13-10-39
STh1_40x FD7 2023-05-31 13-11-24
STh1_40x FD7 2023-05-31 13-12-16
STh1_40x FD7 2023-05-31 13-13-06

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 01-09-19PM 31May2023.txt
Time Captured: 13:09:19 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_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: 25.6 °C
Viscosity: (Water) 0.875 - 0.876 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 15.0 - 19.1 pix

Results

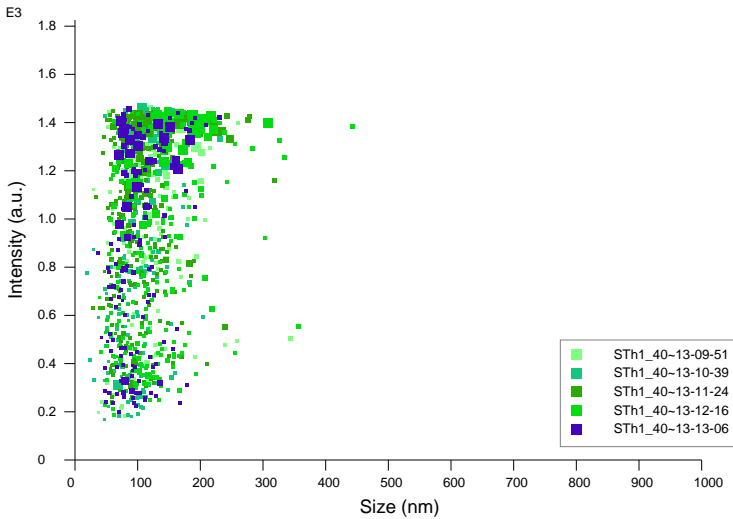
Stats: Merged Data

Mean: 128.2 nm
Mode: 98.7 nm
SD: 43.2 nm
D10: 81.4 nm
D50: 115.0 nm
D90: 190.6 nm

Stats: Mean +/- Standard Error

Mean: 124.6 +/- 7.6 nm
Mode: 118.6 +/- 19.7 nm
SD: 36.8 +/- 4.9 nm
D10: 86.2 +/- 3.0 nm
D50: 115.4 +/- 9.4 nm
D90: 172.5 +/- 11.4 nm
Concentration (Upgrade): 6.03e+07 +/- 8.42e+06 particles/ml
9.8 +/- 1.4 particles/frame
14.6 +/- 2.3 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD7 2023-05-31 13-09-19