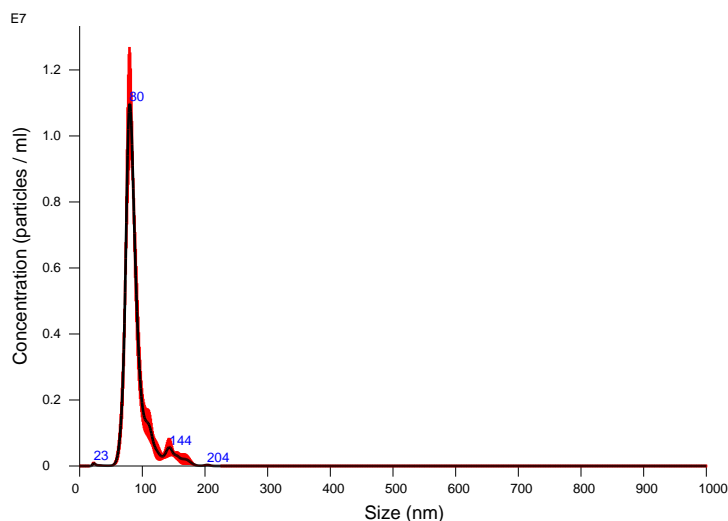


FTLA Concentration / Size graph for Experiment:
STh10_40x FD7 2023-05-31 12-48-11



Averaged FTLA Concentration / Size for Experiment:
STh10_40x FD7 2023-05-31 12-48-11
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x FD7 2023-05-31 12-48-32
STh10_40x FD7 2023-05-31 12-49-19
STh10_40x FD7 2023-05-31 12-50-09
STh10_40x FD7 2023-05-31 12-50-57
STh10_40x FD7 2023-05-31 12-51-40

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-48-11PM 31May2023.txt
Time Captured: 12:48:11 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_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: 25.1 - 25.2 °C
Viscosity: (Water) 0.884 - 0.886 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.2 - 20.3 pix

Results

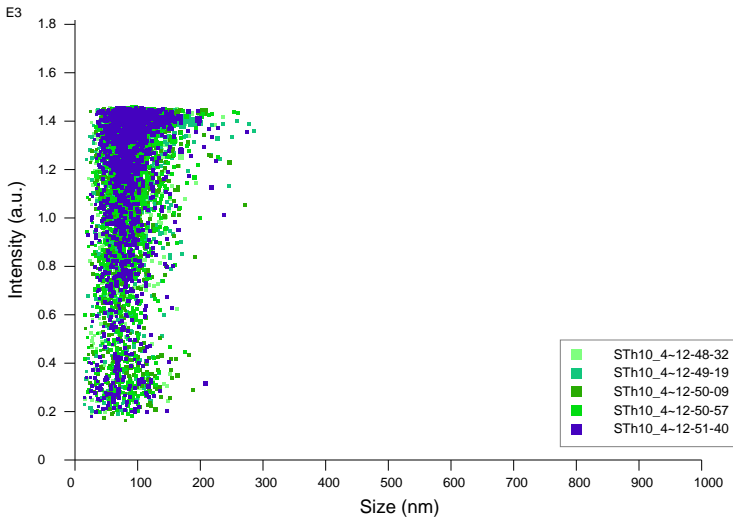
Stats: Merged Data

Mean: 89.2 nm
Mode: 80.0 nm
SD: 20.8 nm
D10: 72.6 nm
D50: 83.4 nm
D90: 113.5 nm

Stats: Mean +/- Standard Error

Mean: 89.2 +/- 0.9 nm
Mode: 81.8 +/- 1.6 nm
SD: 20.5 +/- 1.6 nm
D10: 72.5 +/- 0.6 nm
D50: 83.7 +/- 0.9 nm
D90: 119.6 +/- 4.6 nm
Concentration (Upgrade): 2.54e+08 +/- 1.13e+07 particles/ml
40.1 +/- 1.3 particles/frame
85.5 +/- 4.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x FD7 2023-05-31 12-48-11