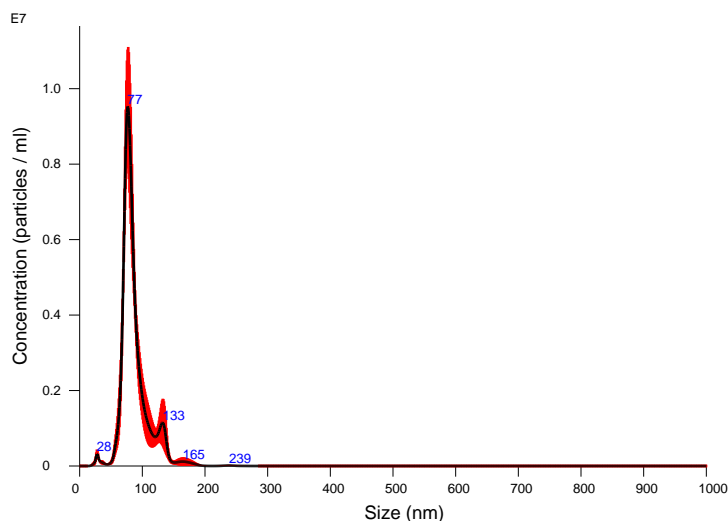


FTLA Concentration / Size graph for Experiment:
STh10_40x RT34 2023-06-21 15-05-59



Averaged FTLA Concentration / Size for Experiment:
STh10_40x RT34 2023-06-21 15-05-59
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_40x RT34 2023-06-21 15-06-13
STh10_40x RT34 2023-06-21 15-06-57
STh10_40x RT34 2023-06-21 15-07-41
STh10_40x RT34 2023-06-21 15-08-25
STh10_40x RT34 2023-06-21 15-09-03

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-05-59PM 21Jun2023.txt
Time Captured: 15:05:59 21/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_40x RT34
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: 25.0 °C
Viscosity: (Water) 0.9 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.5 - 22.5 pix

Results

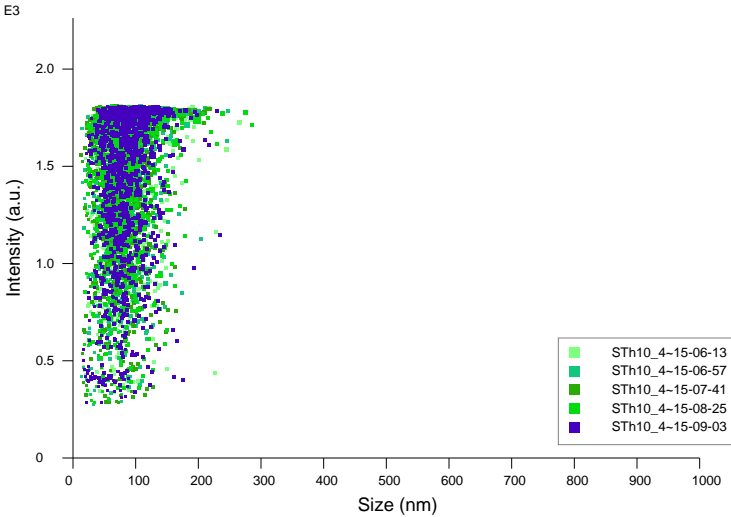
Stats: Merged Data

Mean: 86.9 nm
Mode: 76.8 nm
SD: 22.2 nm
D10: 68.6 nm
D50: 81.1 nm
D90: 119.0 nm

Stats: Mean +/- Standard Error

Mean: 86.9 +/- 0.7 nm
Mode: 76.3 +/- 0.9 nm
SD: 22.0 +/- 1.3 nm
D10: 68.5 +/- 1.4 nm
D50: 81.5 +/- 1.0 nm
D90: 114.8 +/- 6.6 nm
Concentration (Upgrade): 2.50e+08 +/- 5.48e+06 particles/ml
39.5 +/- 0.9 particles/frame
131.2 +/- 4.3 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_40x RT34 2023-06-21 15-05-59