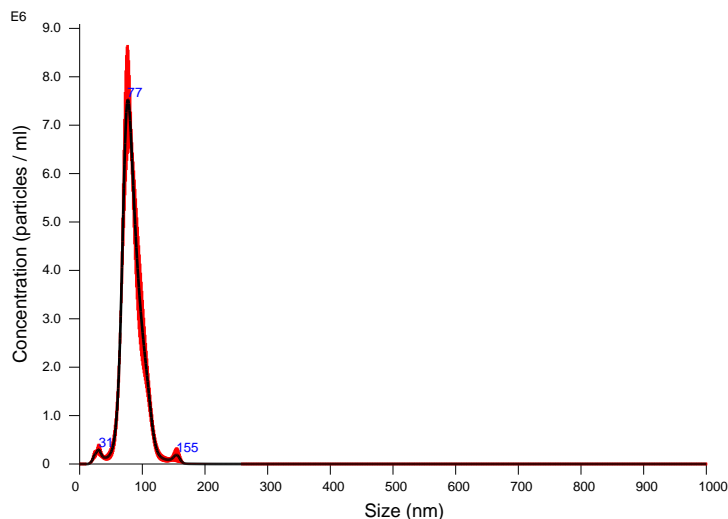


FTLA Concentration / Size graph for Experiment:
STh5_40x RT41 2023-06-28 14-47-56



Averaged FTLA Concentration / Size for Experiment:
STh5_40x RT41 2023-06-28 14-47-56
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x RT41 2023-06-28 14-48-23
STh5_40x RT41 2023-06-28 14-51-15
STh5_40x RT41 2023-06-28 14-52-04
STh5_40x RT41 2023-06-28 14-52-55
STh5_40x RT41 2023-06-28 14-53-48

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-47-56PM 28Jun2023.txt
Time Captured: 14:47:56 28/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x RT41
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: 24.7 - 24.8 °C
Viscosity: (Water) 0.892 - 0.894 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.7 - 23.4 pix

Results

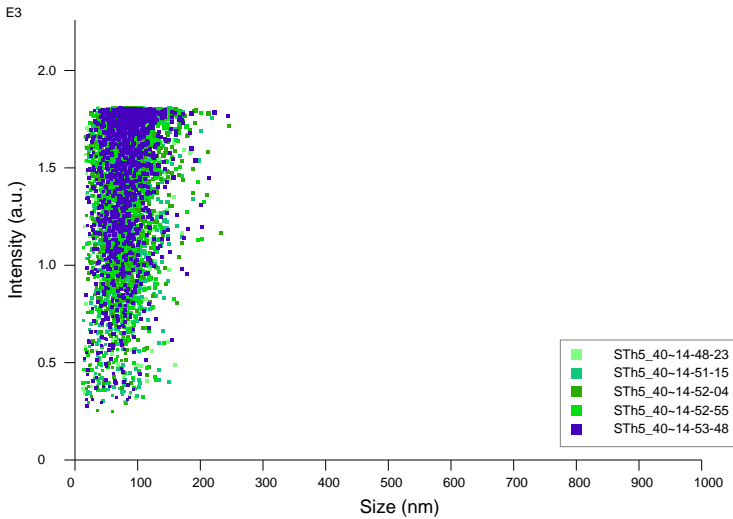
Stats: Merged Data

Mean: 83.6 nm
Mode: 77.0 nm
SD: 18.1 nm
D10: 66.1 nm
D50: 81.5 nm
D90: 105.4 nm

Stats: Mean +/- Standard Error

Mean: 83.5 +/- 1.1 nm
Mode: 81.6 +/- 2.8 nm
SD: 17.7 +/- 1.1 nm
D10: 65.9 +/- 0.6 nm
D50: 81.9 +/- 1.7 nm
D90: 104.7 +/- 1.6 nm
Concentration (Upgrade): 2.44e+08 +/- 1.01e+07 particles/ml
39.4 +/- 1.4 particles/frame
129.3 +/- 8.6 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x RT41 2023-06-28 14-47-56