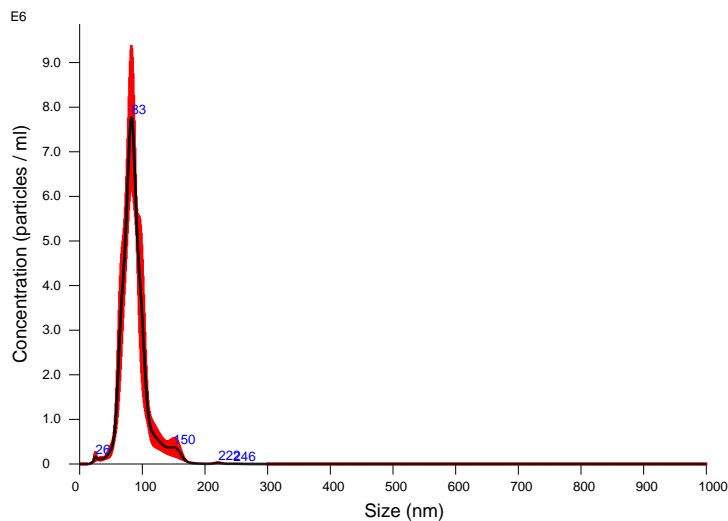


FTLA Concentration / Size graph for Experiment:
STh1_40x RT34 2023-06-21 14-46-14



Averaged FTLA Concentration / Size for Experiment:
STh1_40x RT34 2023-06-21 14-46-14
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x RT34 2023-06-21 14-46-58
STh1_40x RT34 2023-06-21 14-47-40
STh1_40x RT34 2023-06-21 14-48-23
STh1_40x RT34 2023-06-21 14-49-05
STh1_40x RT34 2023-06-21 14-49-49

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-46-14PM 21Jun2023.txt
Time Captured: 14:46:14 21/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_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: 24.6 °C
Viscosity: (Water) 0.895 - 0.896 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.8 - 20.9 pix

Results

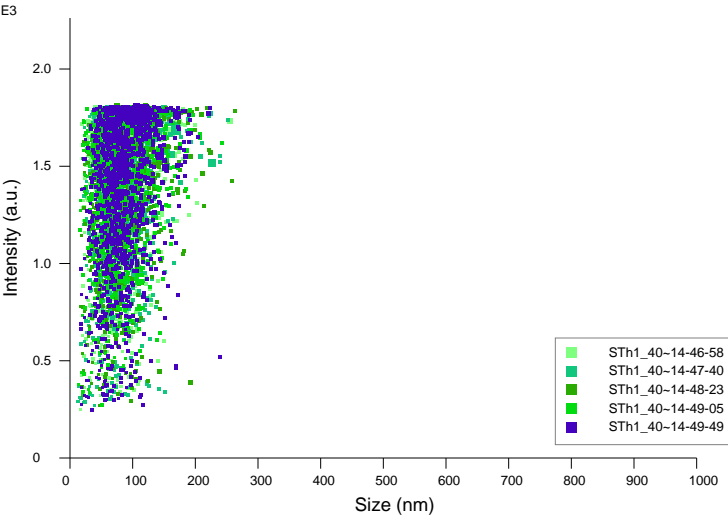
Stats: Merged Data

Mean: 87.2 nm
Mode: 82.7 nm
SD: 22.1 nm
D10: 65.7 nm
D50: 84.1 nm
D90: 110.7 nm

Stats: Mean +/- Standard Error

Mean: 87.3 +/- 1.8 nm
Mode: 84.1 +/- 3.7 nm
SD: 21.4 +/- 2.0 nm
D10: 67.4 +/- 1.9 nm
D50: 84.6 +/- 1.4 nm
D90: 115.6 +/- 7.9 nm
Concentration (Upgrade): 2.64e+08 +/- 8.61e+06 particles/ml
42.1 +/- 1.3 particles/frame
129.7 +/- 10.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x RT34 2023-06-21 14-46-14