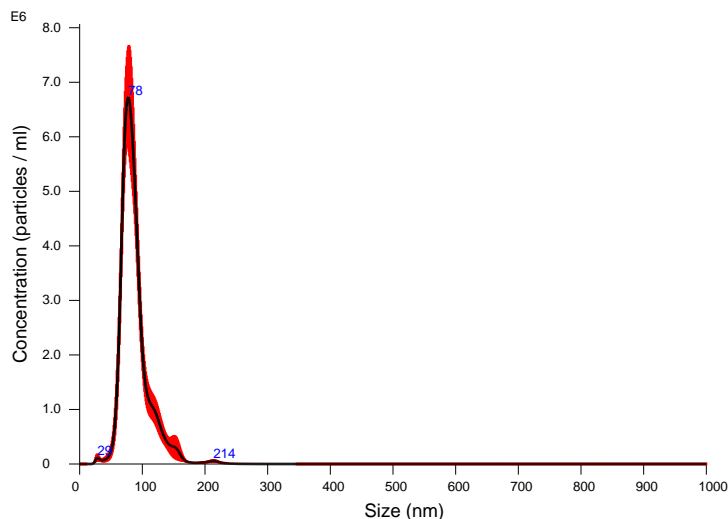


FTLA Concentration / Size graph for Experiment:
STh5_40x RT34 2023-06-21 14-56-52



Averaged FTLA Concentration / Size for Experiment:
STh5_40x RT34 2023-06-21 14-56-52
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x RT34 2023-06-21 14-57-08
STh5_40x RT34 2023-06-21 14-57-53
STh5_40x RT34 2023-06-21 14-58-38
STh5_40x RT34 2023-06-21 14-59-22
STh5_40x RT34 2023-06-21 15-00-06

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-56-52PM 21Jun2023.txt
Time Captured: 14:56:52 21/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_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: 24.8 - 24.9 °C
Viscosity: (Water) 0.891 - 0.892 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.0 - 21.5 pix

Results

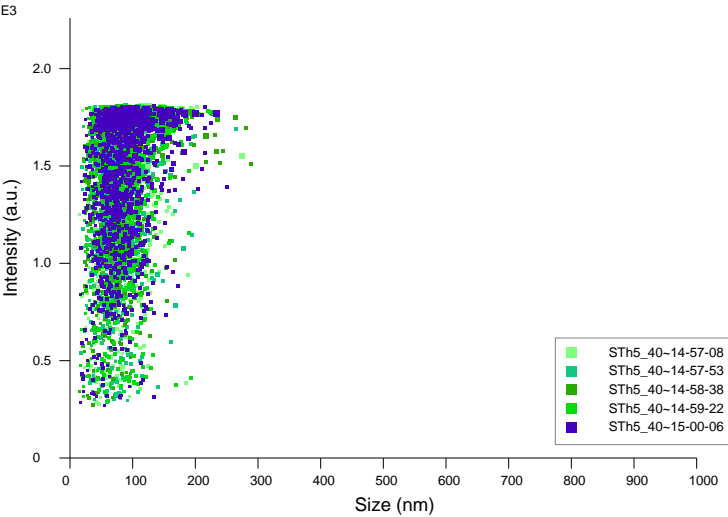
Stats: Merged Data

Mean: 87.7 nm
Mode: 77.5 nm
SD: 23.9 nm
D10: 66.0 nm
D50: 82.5 nm
D90: 118.1 nm

Stats: Mean +/- Standard Error

Mean: 87.6 +/- 2.6 nm
Mode: 77.5 +/- 2.3 nm
SD: 22.4 +/- 3.2 nm
D10: 66.0 +/- 1.2 nm
D50: 82.9 +/- 1.9 nm
D90: 116.8 +/- 7.7 nm
Concentration (Upgrade): 2.46e+08 +/- 9.31e+06 particles/ml
39.1 +/- 1.5 particles/frame
108.3 +/- 7.9 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x RT34 2023-06-21 14-56-52