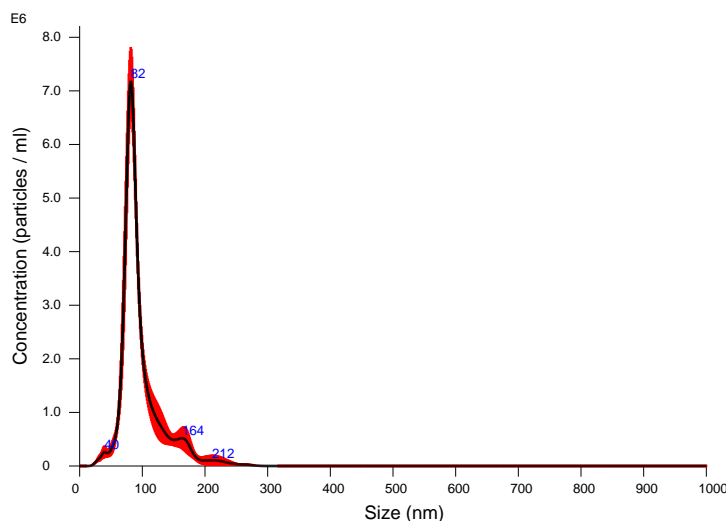


FTLA Concentration / Size graph for Experiment:
STh1_40x FD7_well2 2023-05-31 14-22-11



Averaged FTLA Concentration / Size for Experiment:
STh1_40x FD7_well2 2023-05-31 14-22-11
Error bars indicate + / - 1 standard error of the mean

Included Files

STh1_40x FD7_well2 2023-05-31 14-22-26
STh1_40x FD7_well2 2023-05-31 14-23-08
STh1_40x FD7_well2 2023-05-31 14-23-52
STh1_40x FD7_well2 2023-05-31 14-24-34
STh1_40x FD7_well2 2023-05-31 14-25-15

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 02-22-11PM 31May2023.txt
Time Captured: 14:22:11 31/05/2023
Operator: LN
Pre-treatment:
Sample Name: STh1_40x FD7_well2
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: 26.4 °C
Viscosity: (Water) 0.9 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.7 - 20.8 pix

Results

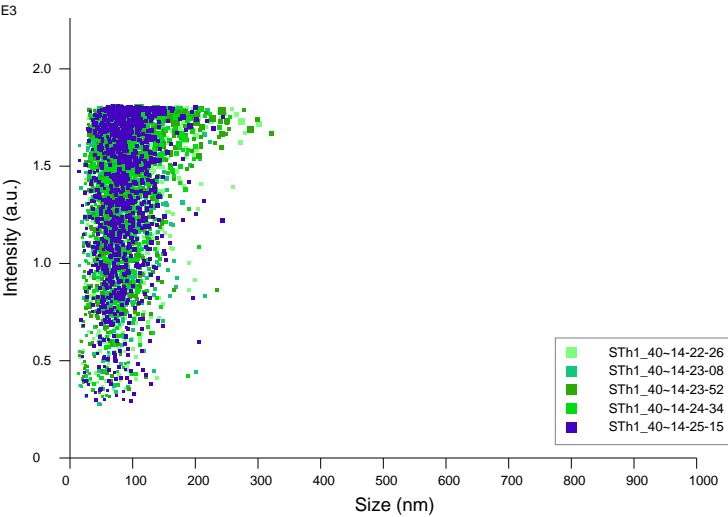
Stats: Merged Data

Mean: 96.6 nm
Mode: 81.7 nm
SD: 34.0 nm
D10: 69.4 nm
D50: 86.4 nm
D90: 144.2 nm

Stats: Mean +/- Standard Error

Mean: 96.0 +/- 3.7 nm
Mode: 81.5 +/- 0.9 nm
SD: 31.0 +/- 4.5 nm
D10: 69.5 +/- 0.9 nm
D50: 87.0 +/- 2.1 nm
D90: 142.3 +/- 13.3 nm
Concentration (Upgrade): 2.44e+08 +/- 1.23e+07 particles/ml
39.2 +/- 1.6 particles/frame
133.8 +/- 13.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh1_40x FD7_well2 2023-05-31 14-22-11