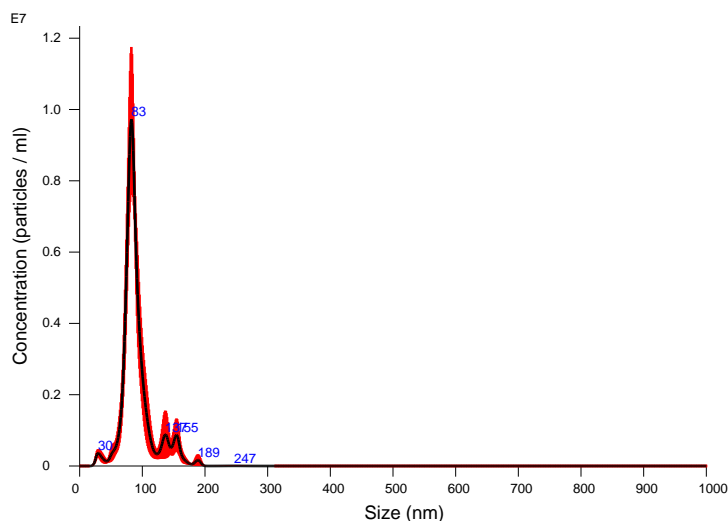


FTLA Concentration / Size graph for Experiment:
STh10_RT27 2023-06-14 12-30-50



Averaged FTLA Concentration / Size for Experiment:
STh10_RT27 2023-06-14 12-30-50
Error bars indicate + / - 1 standard error of the mean

Included Files

STh10_RT27 2023-06-14 12-31-06
STh10_RT27 2023-06-14 12-31-46
STh10_RT27 2023-06-14 12-32-24
STh10_RT27 2023-06-14 12-33-05
STh10_RT27 2023-06-14 12-33-44

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-30-50PM 14Jun2023.txt
Time Captured: 12:30:50 14/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh10_40x RT27
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: 24.9 - 24.9 °C
Viscosity: (Water) 0.890 - 0.891 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 19.8 - 21.7 pix

Results

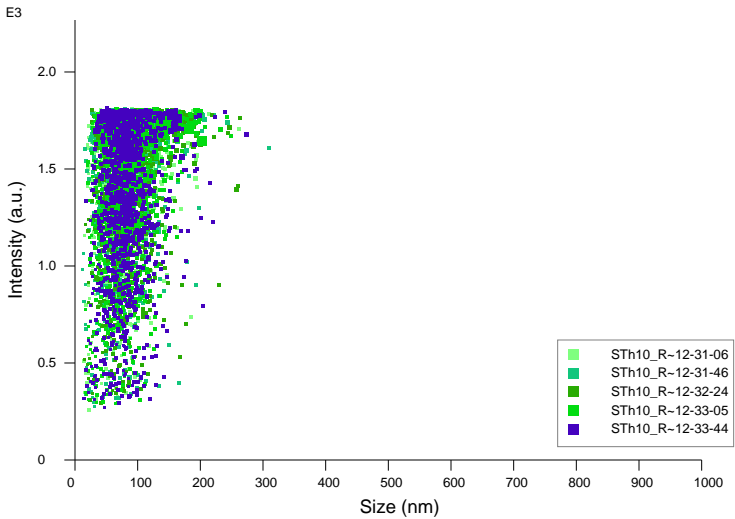
Stats: Merged Data

Mean: 90.9 nm
Mode: 82.6 nm
SD: 25.2 nm
D10: 70.4 nm
D50: 85.2 nm
D90: 130.5 nm

Stats: Mean +/- Standard Error

Mean: 90.8 +/- 1.5 nm
Mode: 83.2 +/- 1.6 nm
SD: 24.8 +/- 1.4 nm
D10: 70.6 +/- 1.4 nm
D50: 85.9 +/- 1.4 nm
D90: 121.1 +/- 10.4 nm
Concentration (Upgrade): 2.63e+08 +/- 8.40e+06 particles/ml
41.3 +/- 1.0 particles/frame
137.3 +/- 10.2 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh10_RT27 2023-06-14 12-30-50