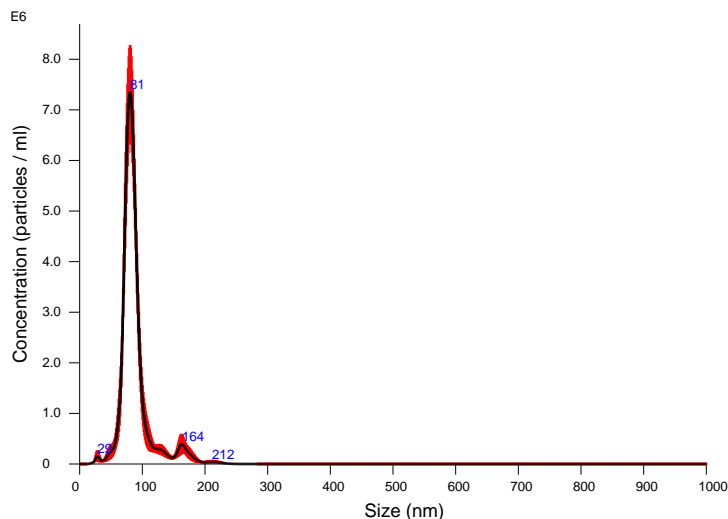


FTLA Concentration / Size graph for Experiment:
STh5_40x FD35 2023-06-28 15-29-19



Averaged FTLA Concentration / Size for Experiment:
STh5_40x FD35 2023-06-28 15-29-19
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x FD35 2023-06-28 15-29-35
STh5_40x FD35 2023-06-28 15-30-23
STh5_40x FD35 2023-06-28 15-31-07
STh5_40x FD35 2023-06-28 15-31-48
STh5_40x FD35 2023-06-28 15-32-32

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-29-19PM 28Jun2023.txt
Time Captured: 15:29:19 28/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x FD35
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: 25.6 °C
Viscosity: (Water) 0.875 - 0.876 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.9 - 23.9 pix

Results

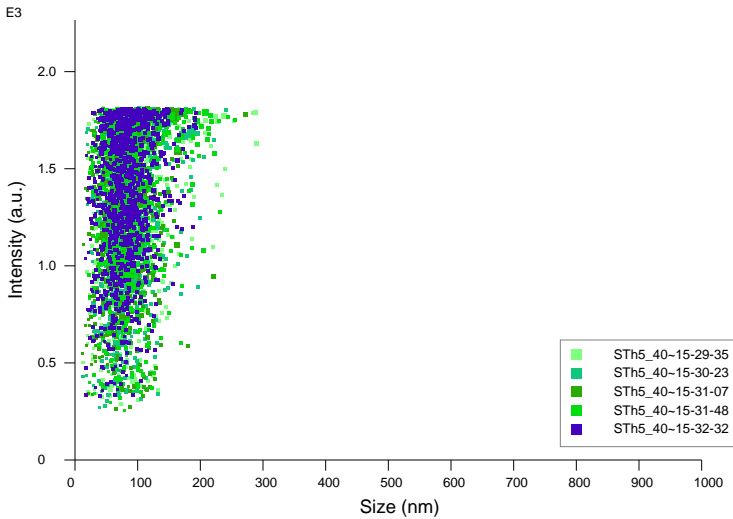
Stats: Merged Data

Mean: 87.9 nm
Mode: 80.5 nm
SD: 25.7 nm
D10: 68.8 nm
D50: 82.4 nm
D90: 112.1 nm

Stats: Mean +/- Standard Error

Mean: 88.0 +/- 1.1 nm
Mode: 80.7 +/- 1.3 nm
SD: 25.3 +/- 2.3 nm
D10: 68.2 +/- 1.4 nm
D50: 82.4 +/- 0.5 nm
D90: 114.2 +/- 7.3 nm
Concentration (Upgrade): 2.01e+08 +/- 1.08e+07 particles/ml
33.3 +/- 1.7 particles/frame
92.3 +/- 6.8 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x FD35 2023-06-28 15-29-19