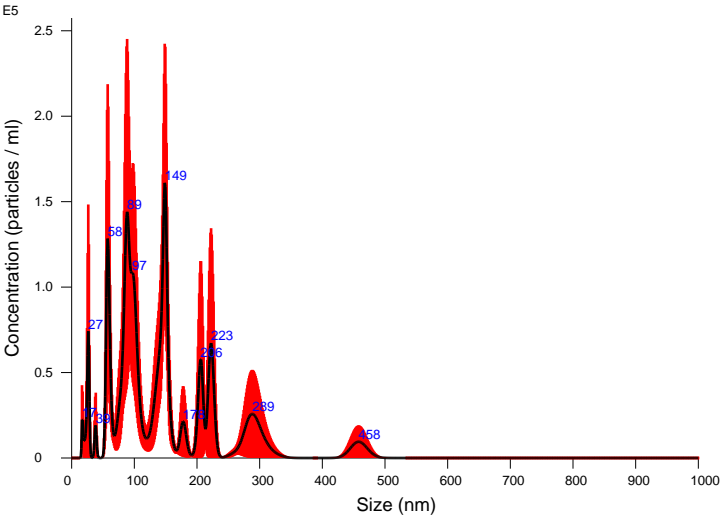


FTLA Concentration / Size graph for Experiment:
S_40x FD35 2023-06-28 15-45-44



Averaged FTLA Concentration / Size for Experiment:
S_40x FD35 2023-06-28 15-45-44
Error bars indicate + / - 1 standard error of the mean

Included Files

- S_40x FD35 2023-06-28 15-46-12
- S_40x FD35 2023-06-28 15-46-51
- S_40x FD35 2023-06-28 15-47-35
- S_40x FD35 2023-06-28 15-48-23
- S_40x FD35 2023-06-28 15-49-05

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 03-45-44PM 28Jun2023.txt
Time Captured: 15:45:44 28/06/2023
Operator: LN
Pre-treatment:
Sample Name: S_40x FD35
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 7
Slider Shutter: 121
Slider Gain: 24
FPS: 25.0
Number of Frames: 749
Temperature: 25.8 °C
Viscosity: (Water) 0.871 - 0.872 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 13.3 - 31.3 pix

Results

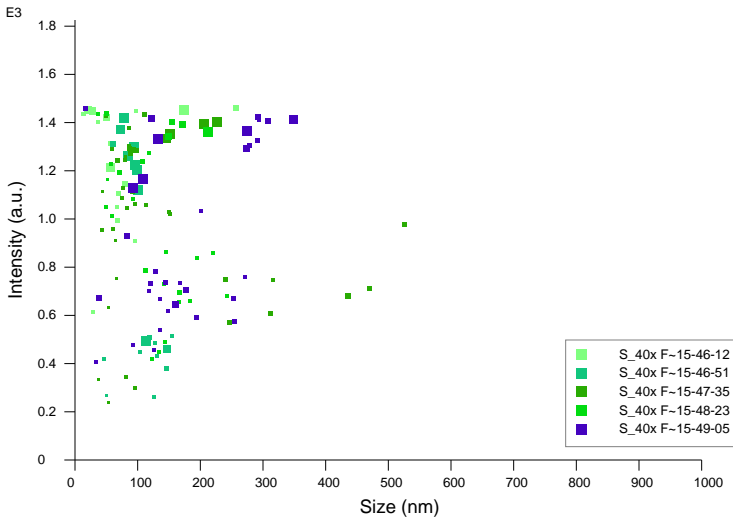
Stats: Merged Data

Mean: 148.2 nm
Mode: 148.8 nm
SD: 90.7 nm
D10: 58.5 nm
D50: 133.9 nm
D90: 282.0 nm

Stats: Mean +/- Standard Error

Mean: 139.3 +/- 21.6 nm
Mode: 98.0 +/- 14.6 nm
SD: 67.7 +/- 16.6 nm
D10: 68.8 +/- 12.4 nm
D50: 119.0 +/- 18.3 nm
D90: 251.3 +/- 56.3 nm
Concentration (Upgrade): 1.02e+07 +/- 1.17e+06 particles/ml
1.6 +/- 0.2 particles/frame
2.4 +/- 0.5 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
S_40x FD35 2023-06-28 15-45-44