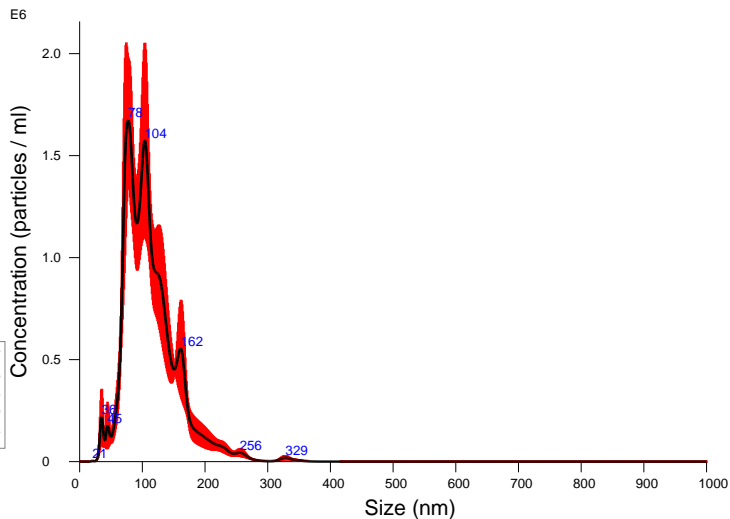


FTLA Concentration / Size graph for Experiment:
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-07-28



Averaged FTLA Concentration / Size for Experiment:
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-07-28
Error bars indicate + / - 1 standard error of the mean

Included Files

Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-07-57
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-09-13
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-10-35
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-18-19
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-20-54

Details

NTA Version: NTA 3.3 - Sample Assistant Dev Build 3.3.203
Script Used: Standard 5x60.txt
Time Captured: 11:07:28 07/05/2021
Operator: MG
Pre-treatment:
Sample Name: d200
Diluent: PBS
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Unknown
Camera Level: 16
Slider Shutter: 1300
Slider Gain: 512
FPS: 25.0
Number of Frames: 1498
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 50

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 15.0 - 21.2 pix

Results

Stats: Merged Data

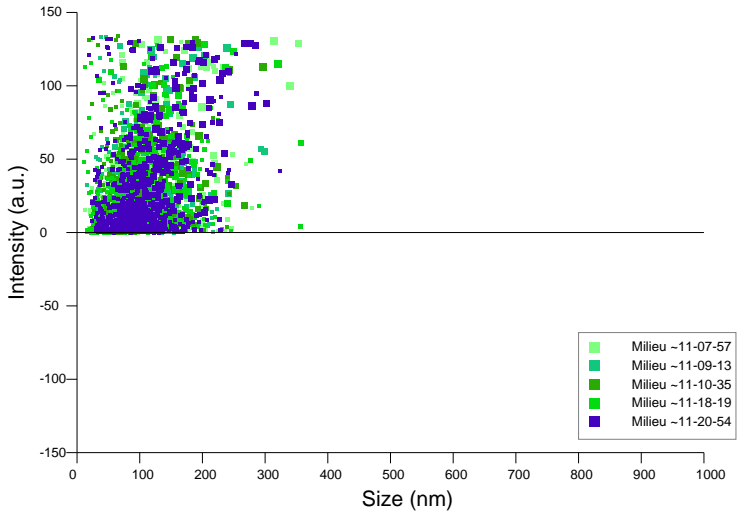
Mean: 112.8 nm
Mode: 77.3 nm
SD: 43.2 nm
D10: 70.7 nm
D50: 104.6 nm
D90: 165.6 nm

Stats: Mean +/- Standard Error

Mean: 113.0 +/- 3.5 nm
Mode: 88.5 +/- 6.1 nm
SD: 42.7 +/- 1.6 nm
D10: 71.6 +/- 1.4 nm
D50: 107.2 +/- 3.5 nm
D90: 167.4 +/- 7.2 nm

Concentration (Upgrade): 1.20e+08 +/- 4.56e+06 particles/ml
15.0 +/- 0.6 particles/frame
19.5 +/- 0.6 centres/frame

Concentration measurements may require some caution due to noise
See summary file for more info



Intensity / Size graph for Experiment:
Milieu diff MPC28 NS 2 (D6) d200 2021-05-07 11-07-28