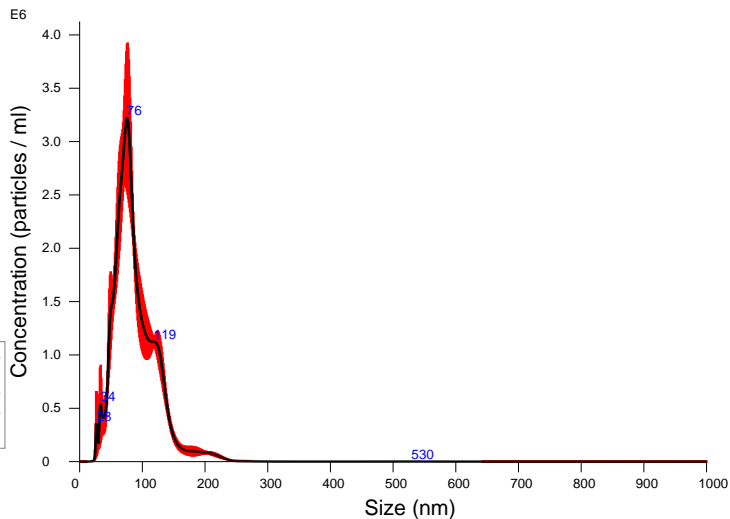FTLA Concentration / Size graph for Experiment:
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-50-13



Averaged FTLA Concentration / Size for Experiment:
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-50-13
Error bars indicate + / -1 standard error of the mean

## Included Files

Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-50-53
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-53-52
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-55-09
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-56-26
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-57-42

## Details

| | |
|---|---|
| NTA Version: | NTA 3.3 - Sample Assistant Dev Build 3.3.203 |
| Script Used: | Standard 5x60.txt |
| Time Captured: | 10:50:13  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 ºC |
| 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: 17.7 - 21.3 pix |

## Results

Stats: Merged Data

| | |
|---|---|
| Mean: | 88.5 nm |
| Mode: | 75.7 nm |
| SD: | 35.8 nm |
| D10: | 52.3 nm |
| D50: | 80.5 nm |
| D90: | 131.3 nm |

Stats: Mean +/- Standard Error

| | |
|---|---|
| Mean: | 88.6 +/- 1.3 nm |
| Mode: | 71.8 +/- 3.0 nm |
| SD: | 35.3 +/- 1.6 nm |
| D10: | 52.5 +/- 1.0 nm |
| D50: | 81.3 +/- 1.8 nm |
| D90: | 131.8 +/- 2.3 nm |
| Concentration (Upgrade): | 1.78e+08 +/- 8.24e+06 particles/ml |
| | 22.1 +/- 0.9 particles/frame |
| | 26.7 +/- 1.0 centres/frame |

Concentration measurements may require some caution due to noise
See summary file for more info
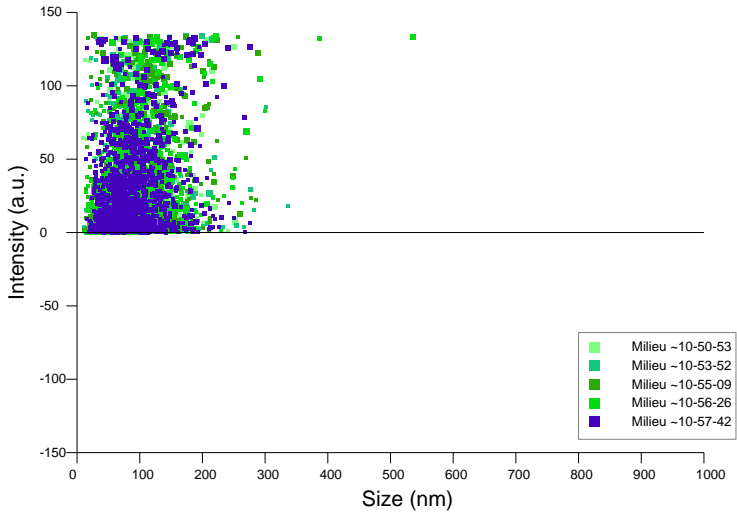
Intensity / Size graph for Experiment:
Milieu diff MPC28 S+E (D6) d200 2021-05-07 10-50-13