NanoQ Report

Sample

Name : *GNP10.3.16_0.8_20k*

Mesured On : *10.03.2016 15:32*

by : *Hannelore*   **logged as** : *Expert*

Comments from Hannelore :

SOP

Name : *defaultSOP*

Mode : *Statistical*   **Acquisitions** : *5*

Time limitation : *60 s*

Noise limitation : *1 %*

Temperature : *25 °C*

Device Settings

Time interval	: *2 µs*	**Number of channels**	: *300*
Laser power	: *38 %*	**Wavelength**	: *657 nm*
DTC Position	: *UP*		

Liquid Medium

Refractive index	: *1.331*	**Viscosity**	: *0.888 cP*

Particles

Real part	: *1.56*	**Imaginary part**	: *0.01*

Algorithm

Pade Laplace	*Cumulants*	*SBL*

Measurement

Average count rate : *2919 kcps*   **Duration :** *00:05:10*

Number of rejected : *0*   **Number of modified :** *1*

Statistical (Intensity)
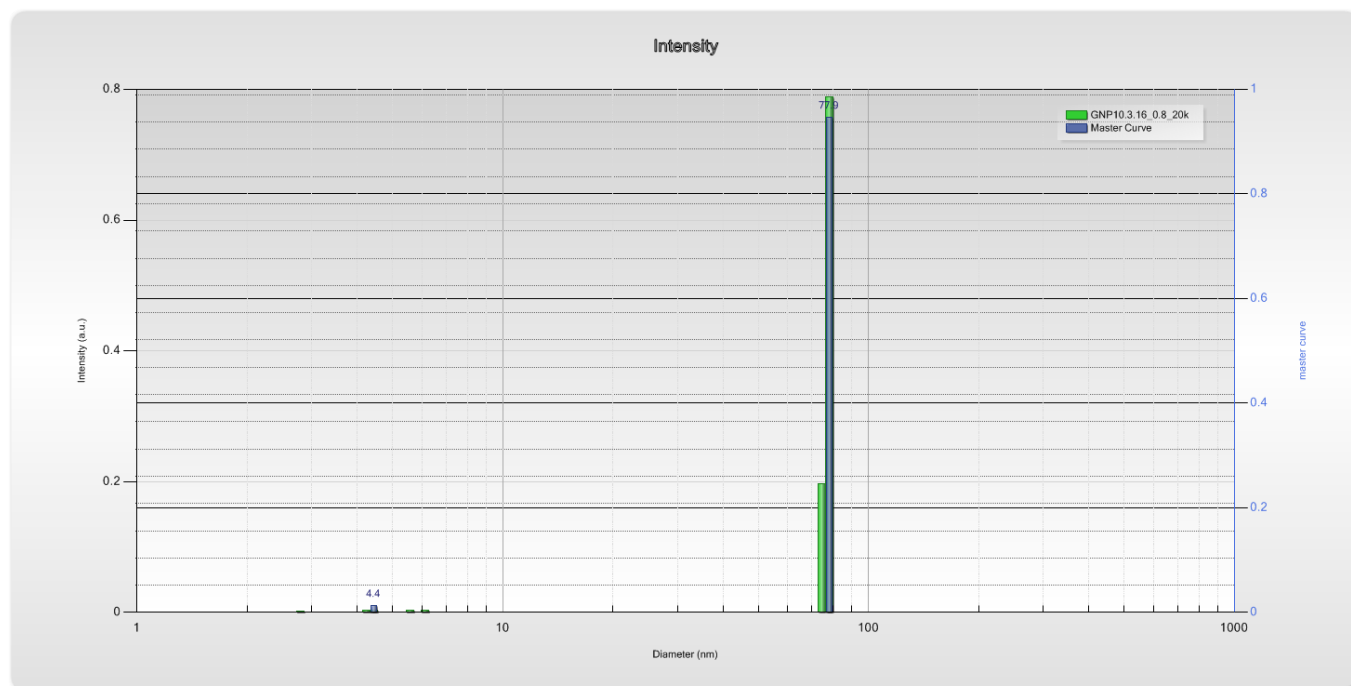
Dispersion statistics

Di 10%: *74.39 nm*   **Di 50%:** *77.91 nm*   **Di 90%:** *77.91 nm*

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
74.39	0.2	77.91	0.79
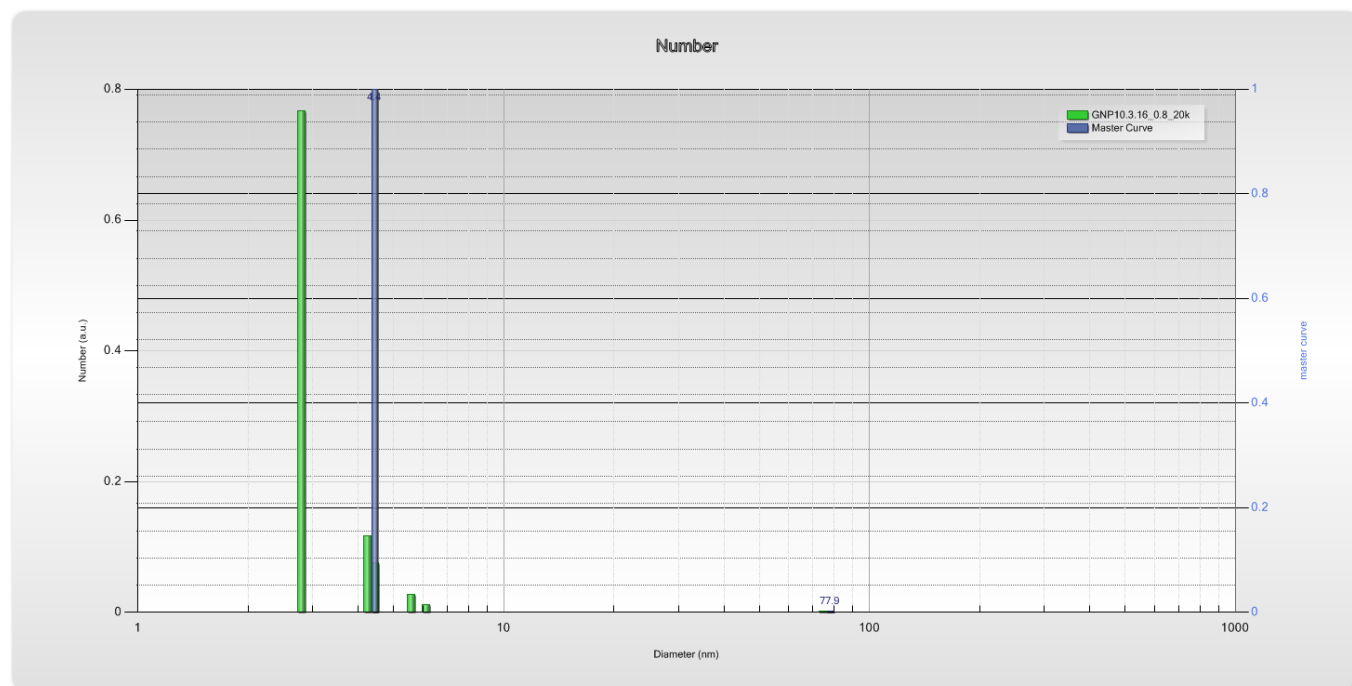
Number

Dispersion statistics

Dn 10%: 2.79 nm   **Dn 50%:** 2.79 nm   **Dn 90%:** 4.43 nm

Dispersion datas

Size (nm)	Number	Size (nm)	Number	Size (nm)	Number	Size (nm)	Number
2.79	0.77	4.43	0.08	6.13	0.01		
4.23	0.12	5.58	0.03				
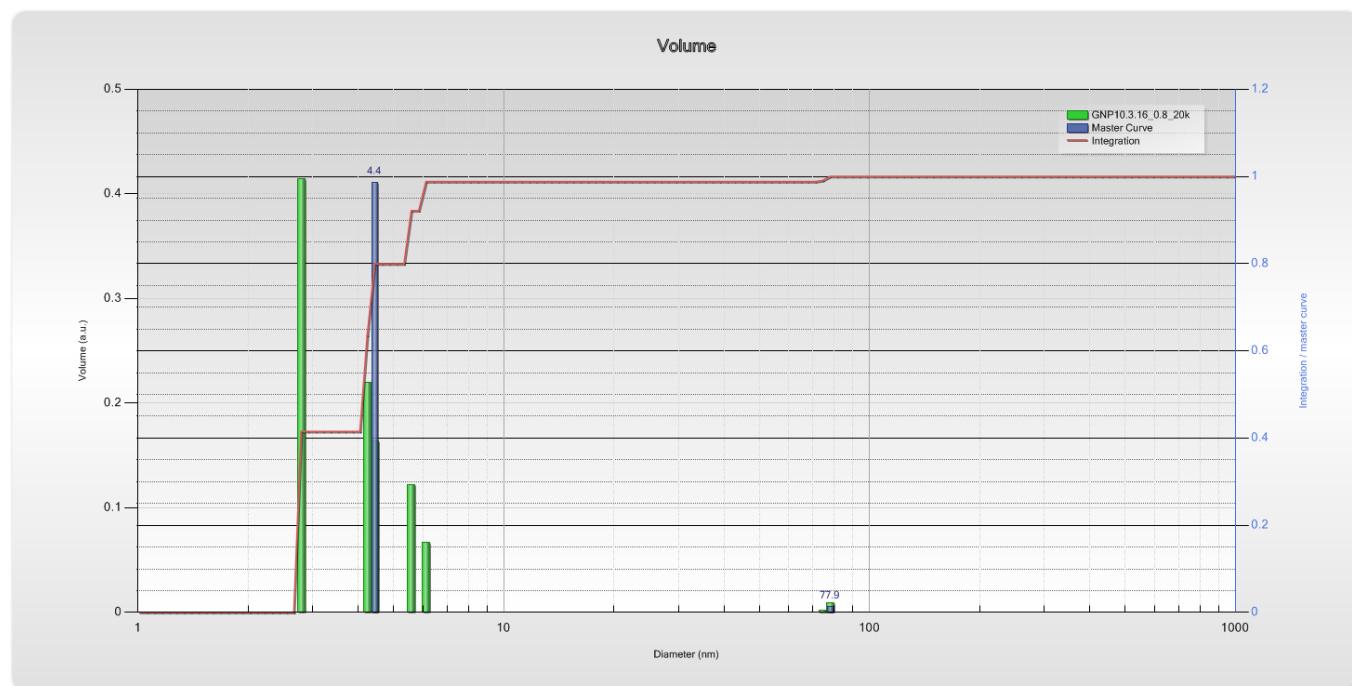
Dispersion statistics

Dv 10%: *2.79 nm*   **Dv 50%:** *4.23 nm*   **Dv 90%:** *5.58 nm*

Dispersion datas

Size (nm)	Volume	Size (nm)	Volume	Size (nm)	Volume	Size (nm)	Volume
2.79	0.41	4.43	0.16	6.13	0.07		
4.23	0.22	5.58	0.12	77.91	0.01		

Dispersion statistics
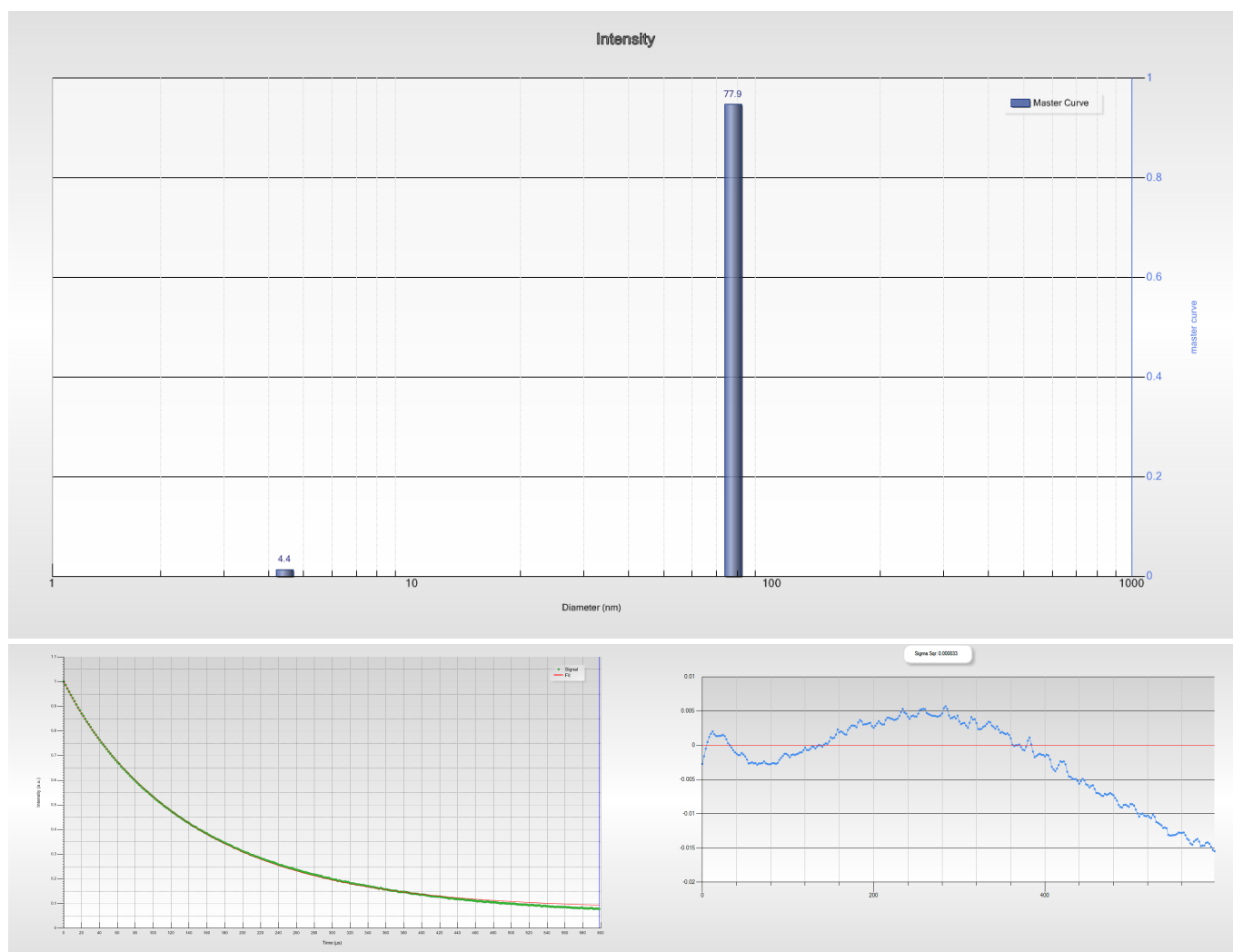
Di 10%: *77.91 nm*   **Di 50%:** *77.91 nm*   **Di 90%:** *77.91 nm*
Mean Intensity: *76.84 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.52	0.01	57435.49	10.86586E-011
76.53	0.95	3394.44	64.2174E-013

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
4.43	0.01	77.91	0.99

Dispersion statistics

Dn 10%: *4.43 nm*   **Dn 50%:** *4.43 nm*   **Dn 90%:** *4.43 nm*
Mean Number: *4.43 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.52	0.01	57435.49	10.86586E-011
76.53	0.95	3394.44	64.2174E-013

Dispersion datas

Size (nm)	Number
4.43	1

Acquisition: MasterCurve (Volume)

Dispersion statistics
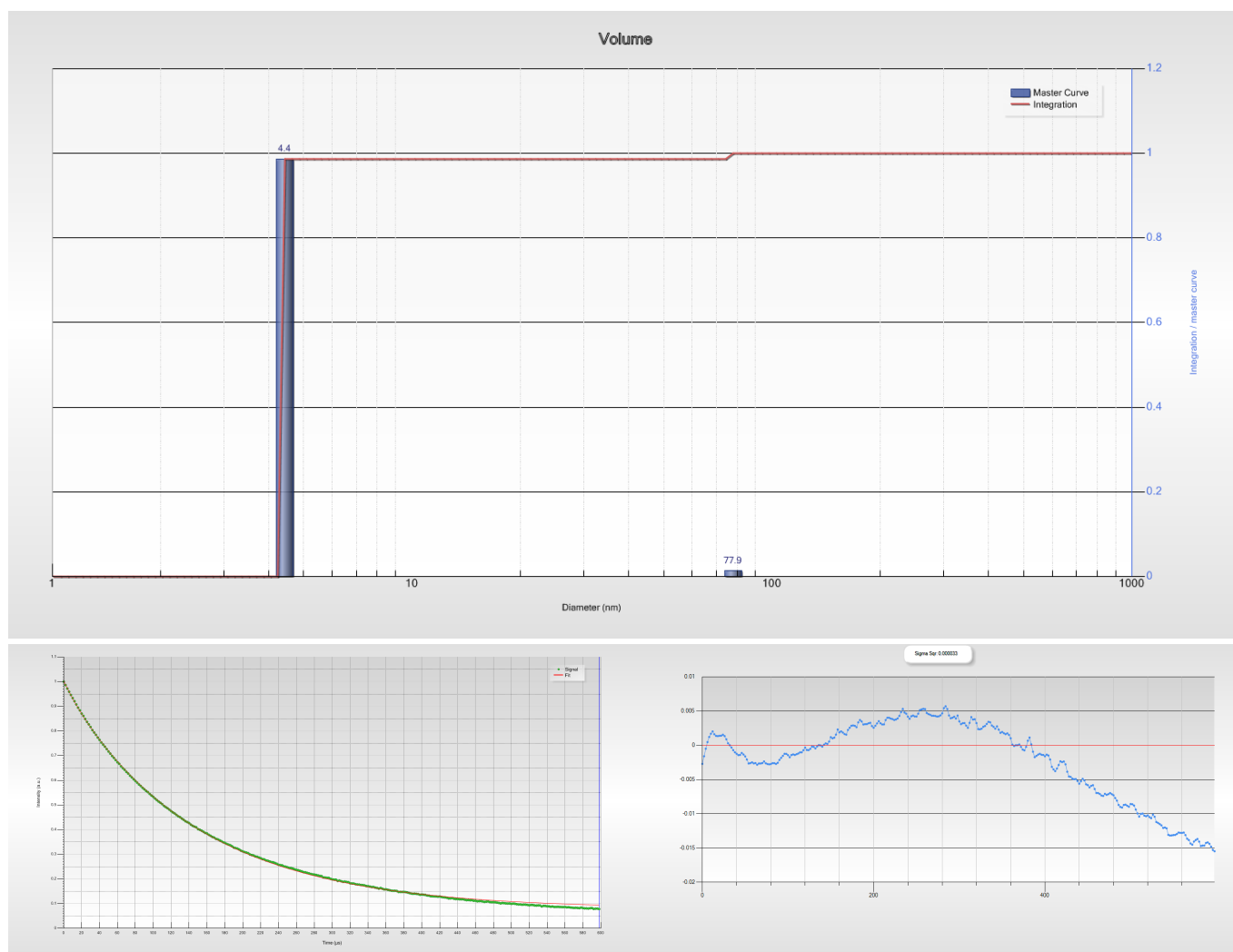
Dv 10%: *4.43 nm*   **Dv 50%:** *4.43 nm*   **Dv 90%:** *4.43 nm*
Mean Volume: *5.4 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.52	0.01	57435.49	10.86586E-011
76.53	0.95	3394.44	64.2174E-013

Dispersion datas

Size (nm)	Volume	Size (nm)	Volume
4.43	0.99	77.91	0.01

Cumulants

Distribution statistics

Di 10%: *71.02 nm*	**Di 50%:** *77.91 nm*	**Di 90%:** *81.59 nm*
Mean Intensity: *76.48 nm*		
PDI : *0.01945*	**Std Dev:** *6.97%*	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
75.74	0.91	3430.77	64.90458E-013

Cumulants

Acquisition: MasterCurve (Number)
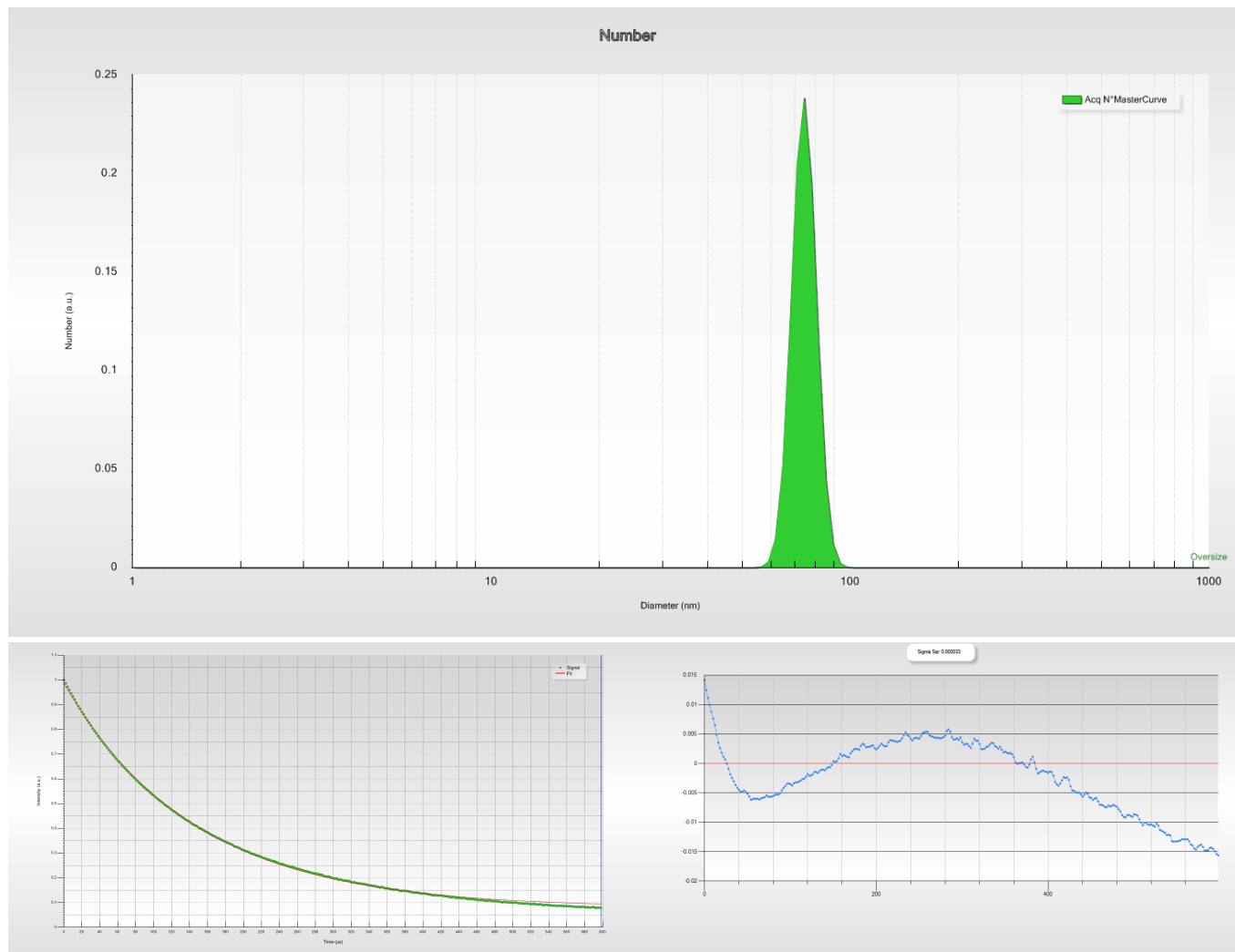
Number

Distribution statistics

Dn 10%: 67.81 nm	**Dn 50%:** 74.39 nm	**Dn 90%:** 81.59 nm
Mean Number: 74.37 nm		
PDI : 0.01945	**Std Dev:** 6.97%	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
75.74	0.91	3430.77	64.90458E-013
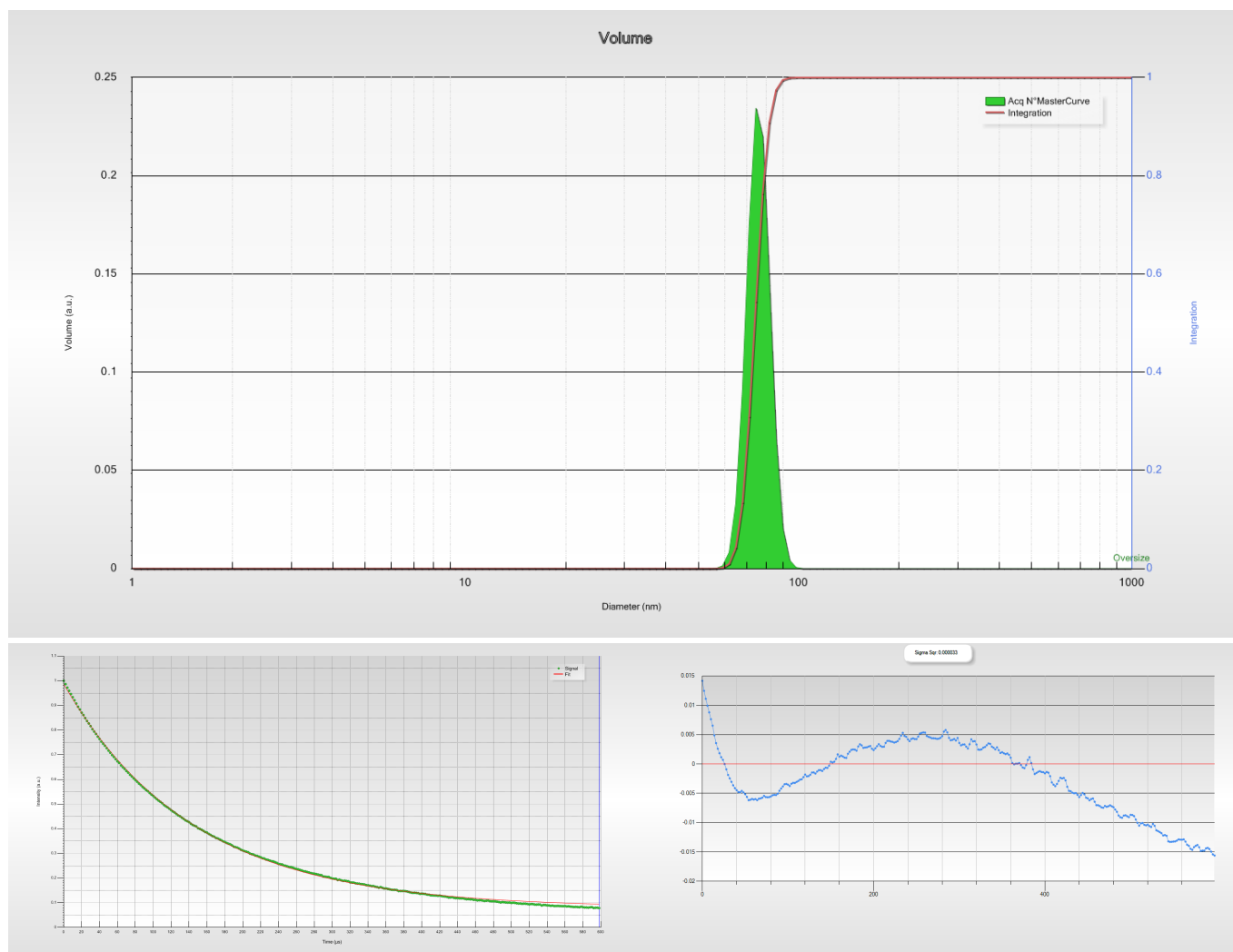
Distribution statistics

Dv 10%: 67.81 nm   **Dv 50%:** 74.39 nm   **Dv 90%:** 81.59 nm

Mean Volume: 75.7 nm

PDI   **:** 0.01945   **Std Dev:** 6.97%

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
75.74	0.91	3430.77	64.90458E-013

Acquisition: MasterCurve (Intensity)

Distribution statistics
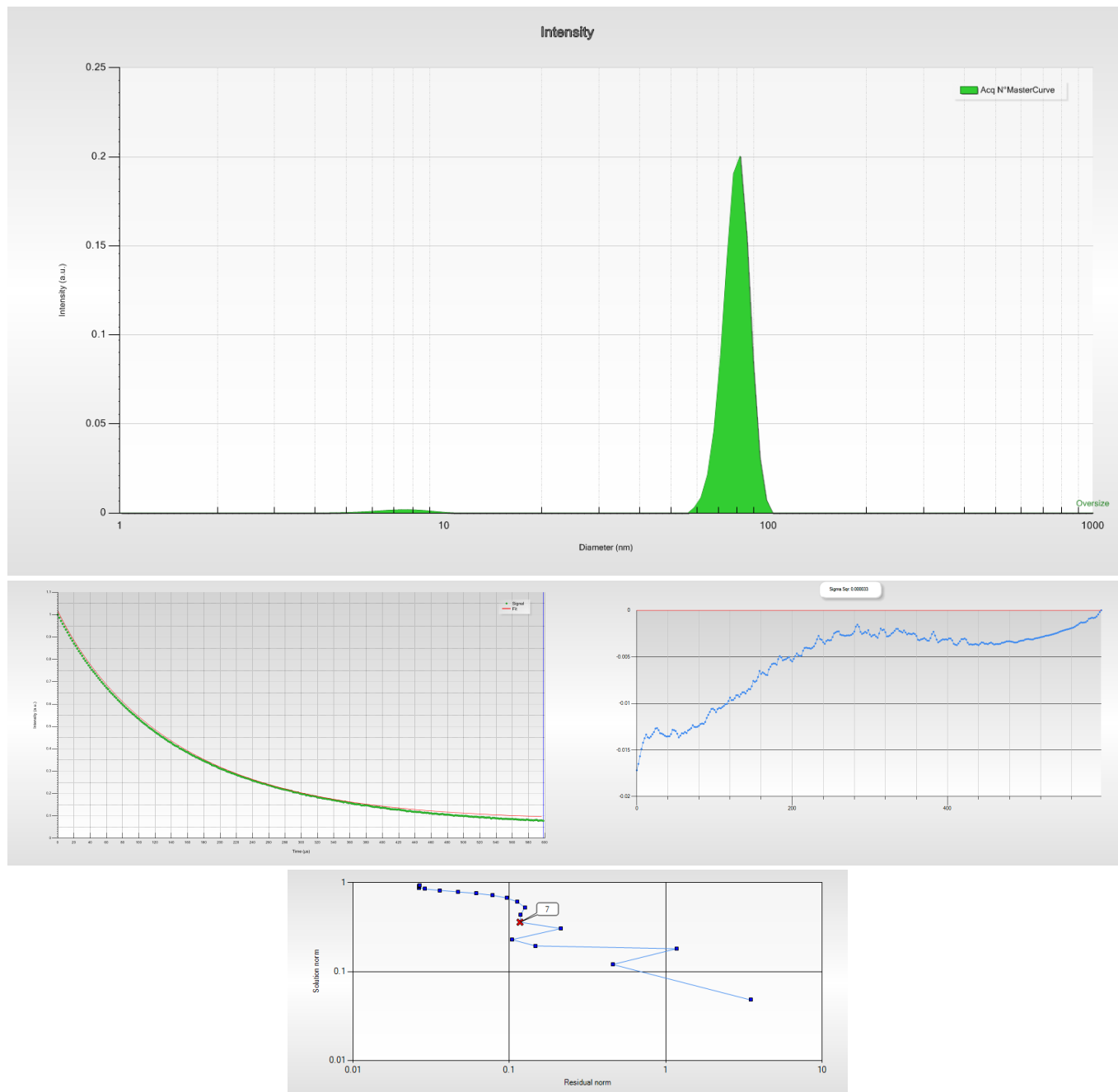
Di 10%: 71.02 nm	**Di 50%:** 77.91 nm	**Di 90%:** 89.5 nm

Mean Intensity: 78.05 nm

Solution index: 7

Peak : 1	**Mode:** 81.59 nm	**Mean:** 79.47 nm	**Dev.:** 9.71 %	**Intensity.:** 98.1 %
Peak : 2	**Mode:** 7.72 nm	**Mean:** 7.38 nm	**Dev.:** 18 %	**Intensity.:** 1.9 %

Distribution statistics
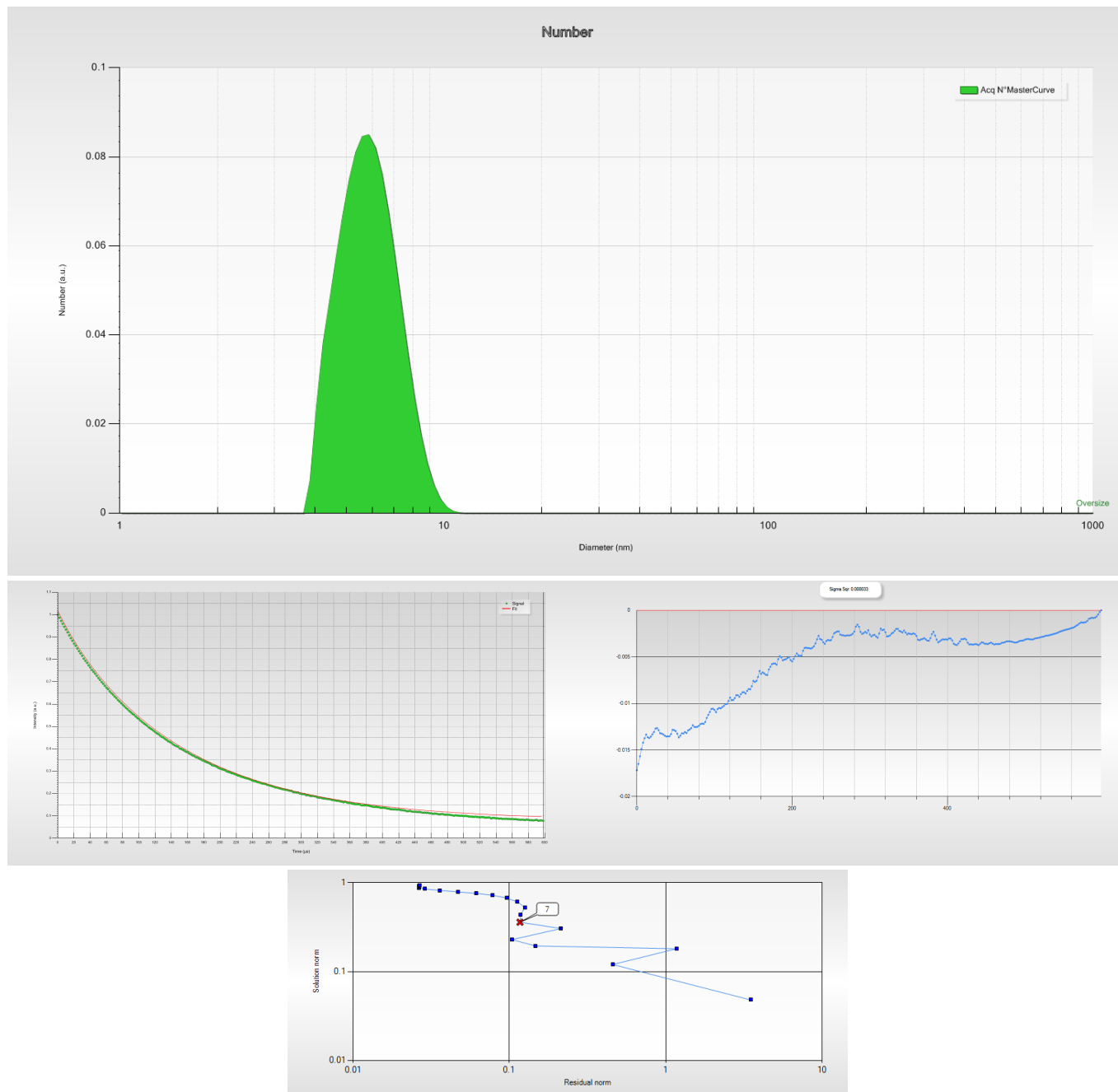
Dn 10%: 4.43 nm   **Dn 50%:** 5.85 nm   **Dn 90%:** 7.72 nm
**Mean Number:** 5.92 nm
Solution index: 7

Peak : 1 | **Mode:** 5.85 nm   **Mean:** 5.92 nm   **Dev.:** 20.57 %   **Intensity.:** 100 %
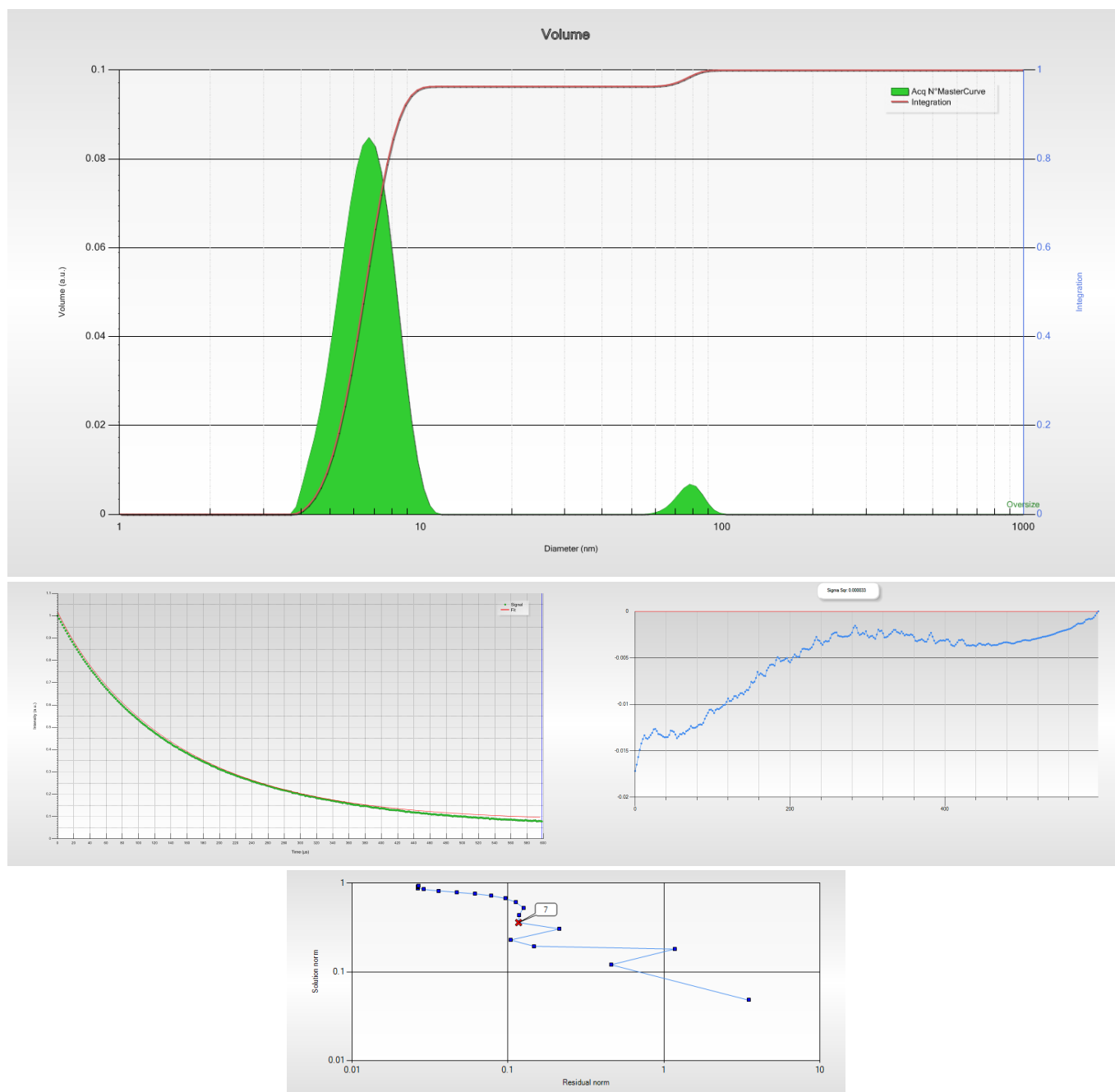
Distribution statistics

Dv 10%: 5.09 nm	**Dv 50%:** 6.72 nm	**Dv 90%:** 8.87 nm

Mean Volume: 9.28 nm

Solution index: 7

| **Peak : 1**	**Mode:** 6.72 nm	**Mean:** 6.67 nm	**Dev.:** 20.07 %	**Intensity.:** 96.33 %
Peak : 2	**Mode:** 77.91 nm	**Mean:** 77.87 nm	**Dev.:** 10.58 %	**Intensity.:** 3.67 %

Intensity

Dispersion statistics
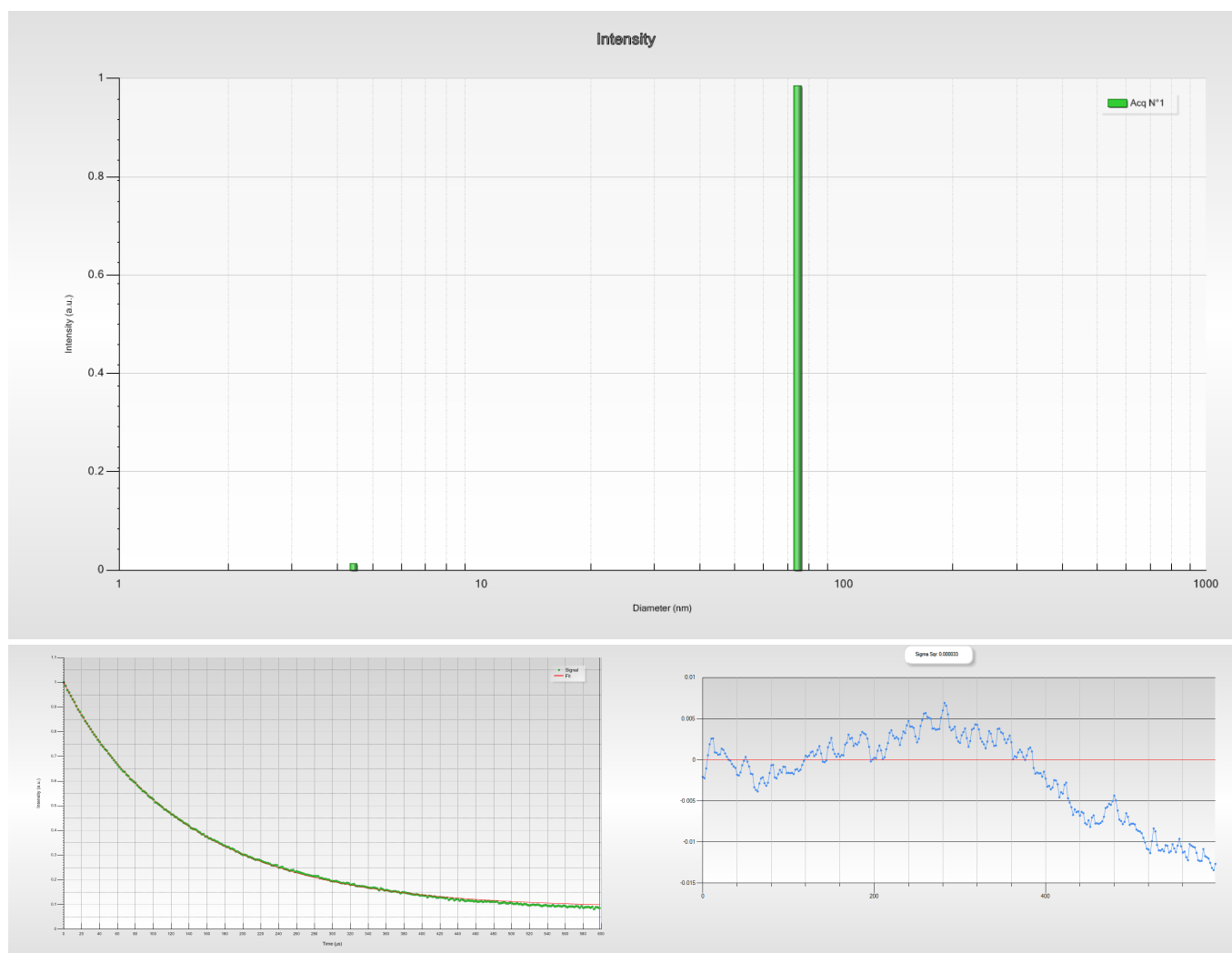
Di 10%: *74.39 nm* **Di 50%:** *74.39 nm* **Di 90%:** *74.39 nm*

Mean Intensity: *73.4 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.46	0.01	58277.85	11.02523E-011
73.37	0.94	3540.55	66.98148E-013

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
4.43	0.01	74.39	0.99
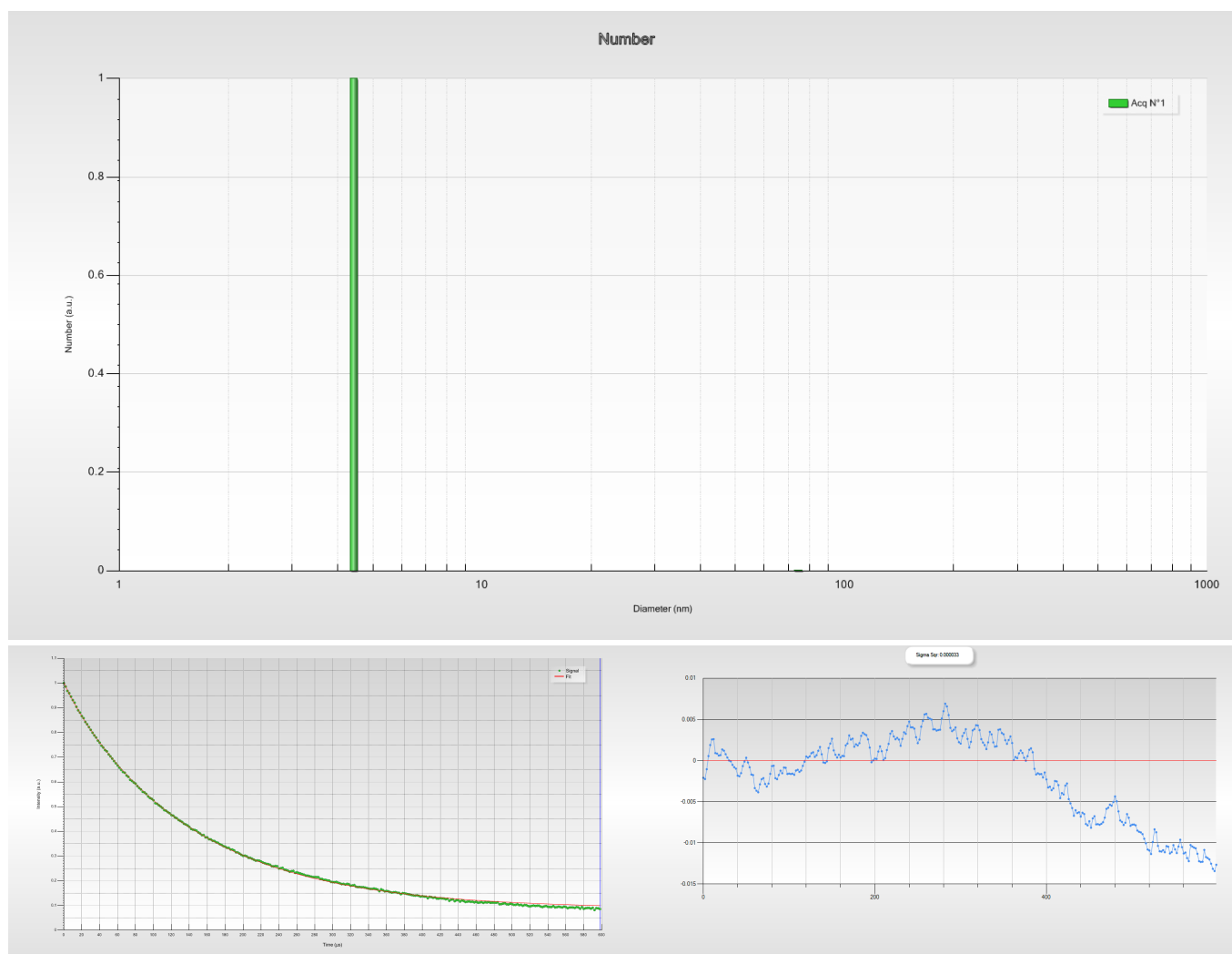
Number

Dispersion statistics

Dn 10%: *4.43 nm*   **Dn 50%:** *4.43 nm*   **Dn 90%:** *4.43 nm*
Mean Number: *4.43 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.46	0.01	58277.85	11.02523E-011
73.37	0.94	3540.55	66.98148E-013

Dispersion datas

Size (nm)	Number
4.43	1

Dispersion statistics
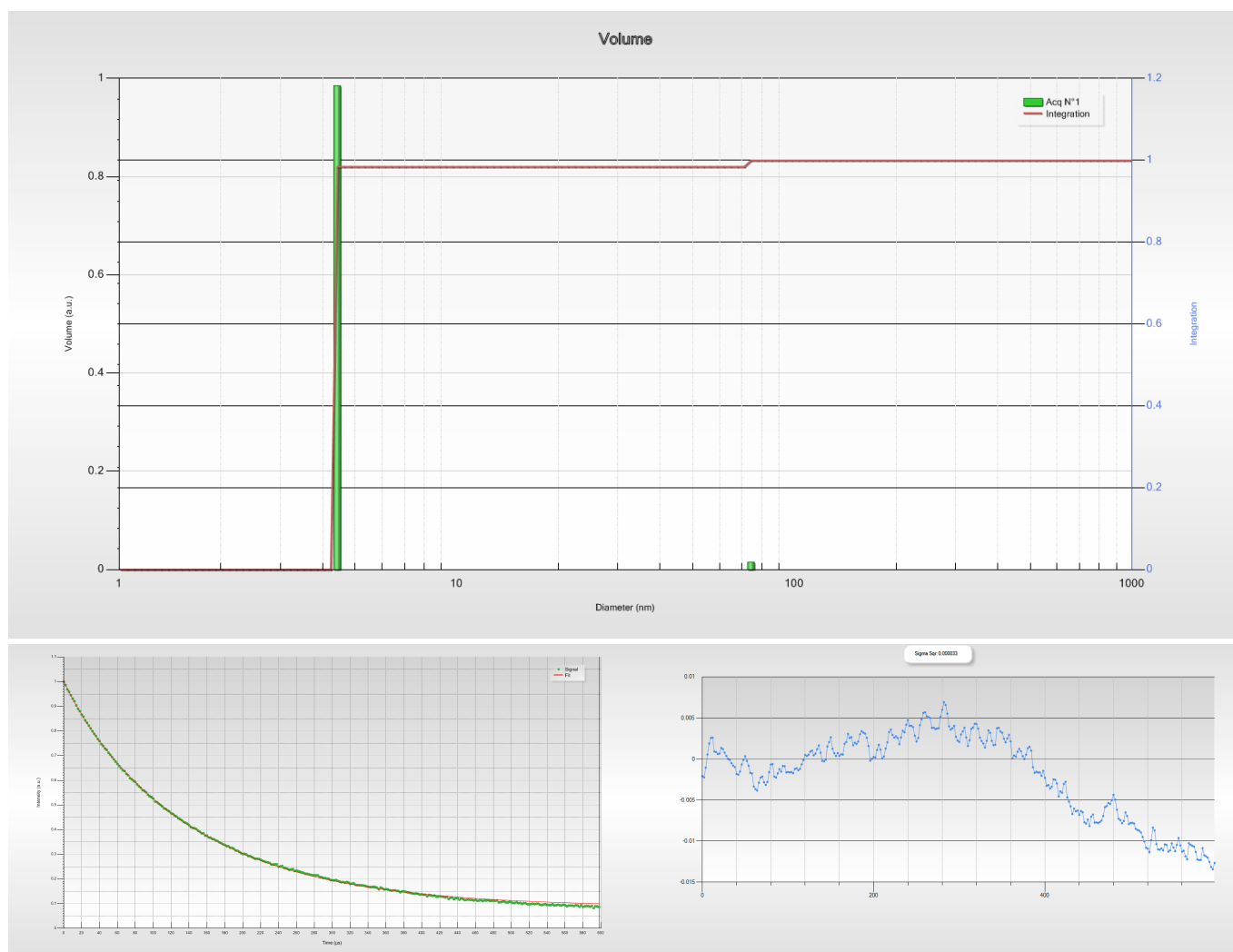
Dv 10%: *4.43 nm*   **Dv 50%:** *4.43 nm*   **Dv 90%:** *4.43 nm*
Mean Volume: *5.52 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.46	0.01	58277.85	11.02523E-011
73.37	0.94	3540.55	66.98148E-013

Dispersion datas

Size (nm)	Volume	Size (nm)	Volume
4.43	0.98	74.39	0.02

Distribution statistics
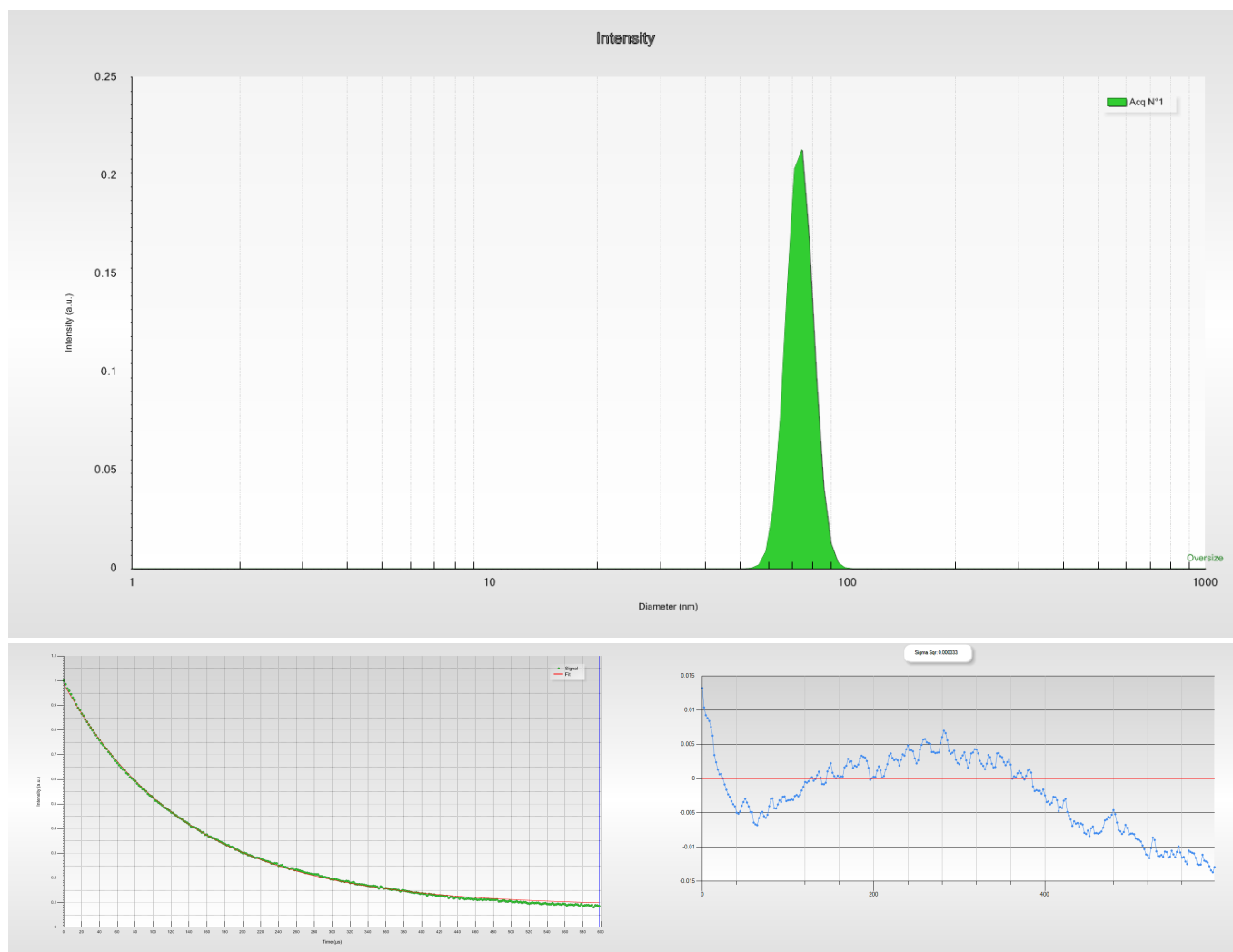
Di 10%: *64.75 nm*   **Di 50%:** *74.39 nm*   **Di 90%:** *81.59 nm*

Mean Intensity: *73.47 nm*

PDI *: 0.02901*   **Std Dev:** *8.52%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
72.4	0.9	3587.96	67.87844E-013

Distribution statistics
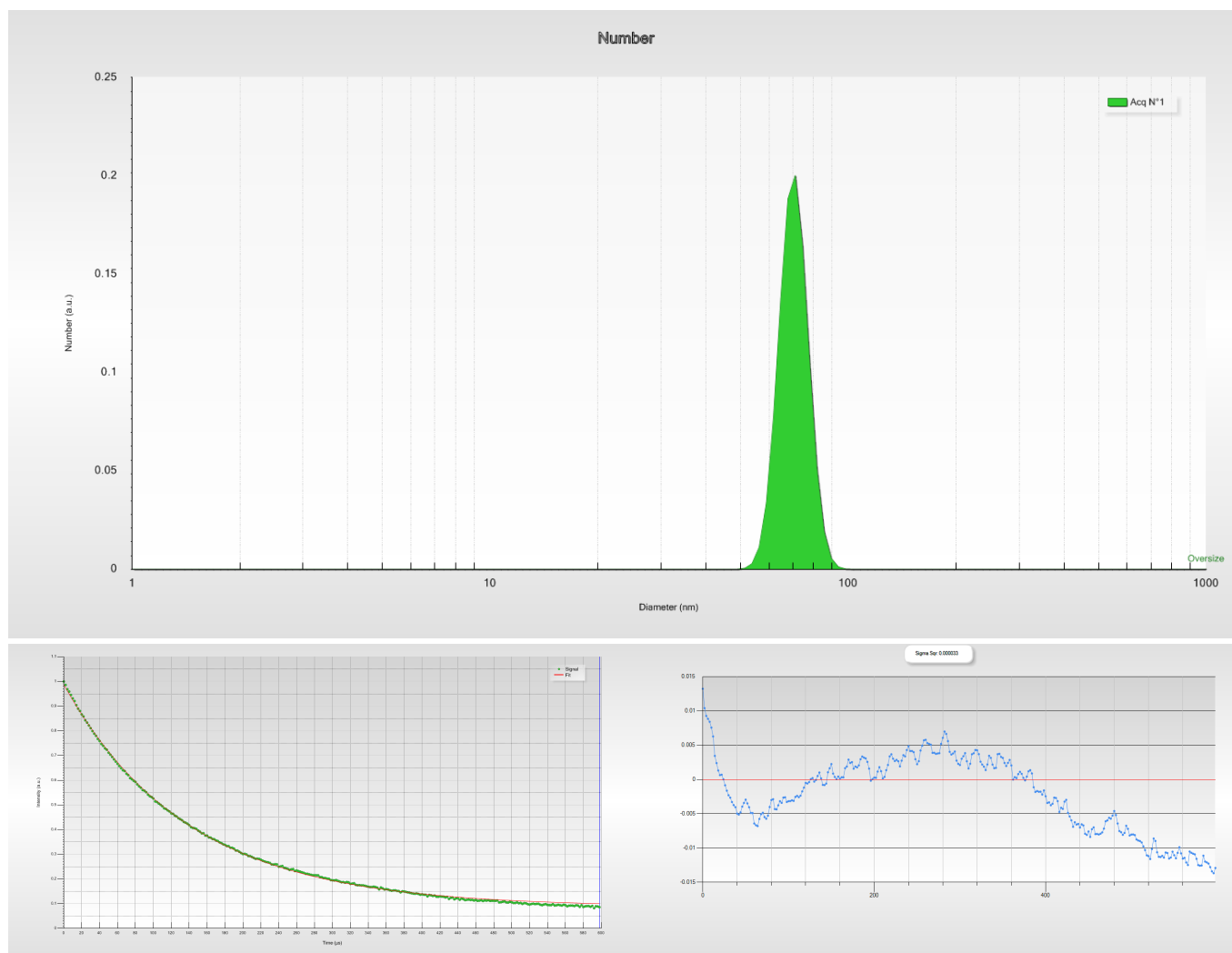
Dn 10%: *61.83 nm*	**Dn 50%:** *71.02 nm*	**Dn 90%:** *77.91 nm*
Mean Number: *70.45 nm*		
PDI *: 0.02901*	**Std Dev:** *8.52%*	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
72.4	0.9	3587.96	67.87844E-013

Distribution statistics
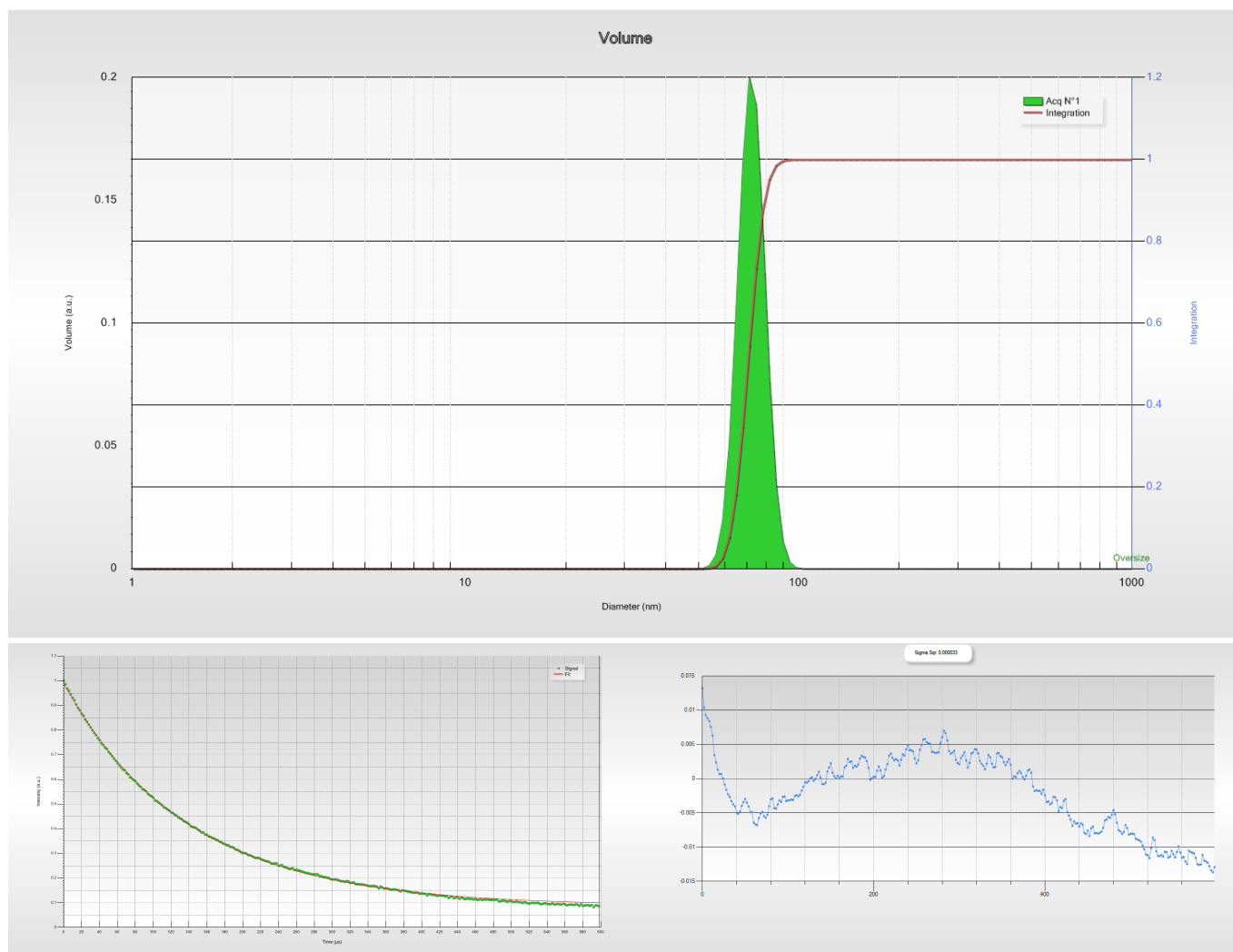
Dv 10%: 64.75 nm	**Dv 50%:** 71.02 nm	**Dv 90%:** 81.59 nm
Mean Volume: 72.23 nm		
PDI : 0.02901	**Std Dev:** 8.52%	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
72.4	0.9	3587.96	67.87844E-013

Distribution statistics
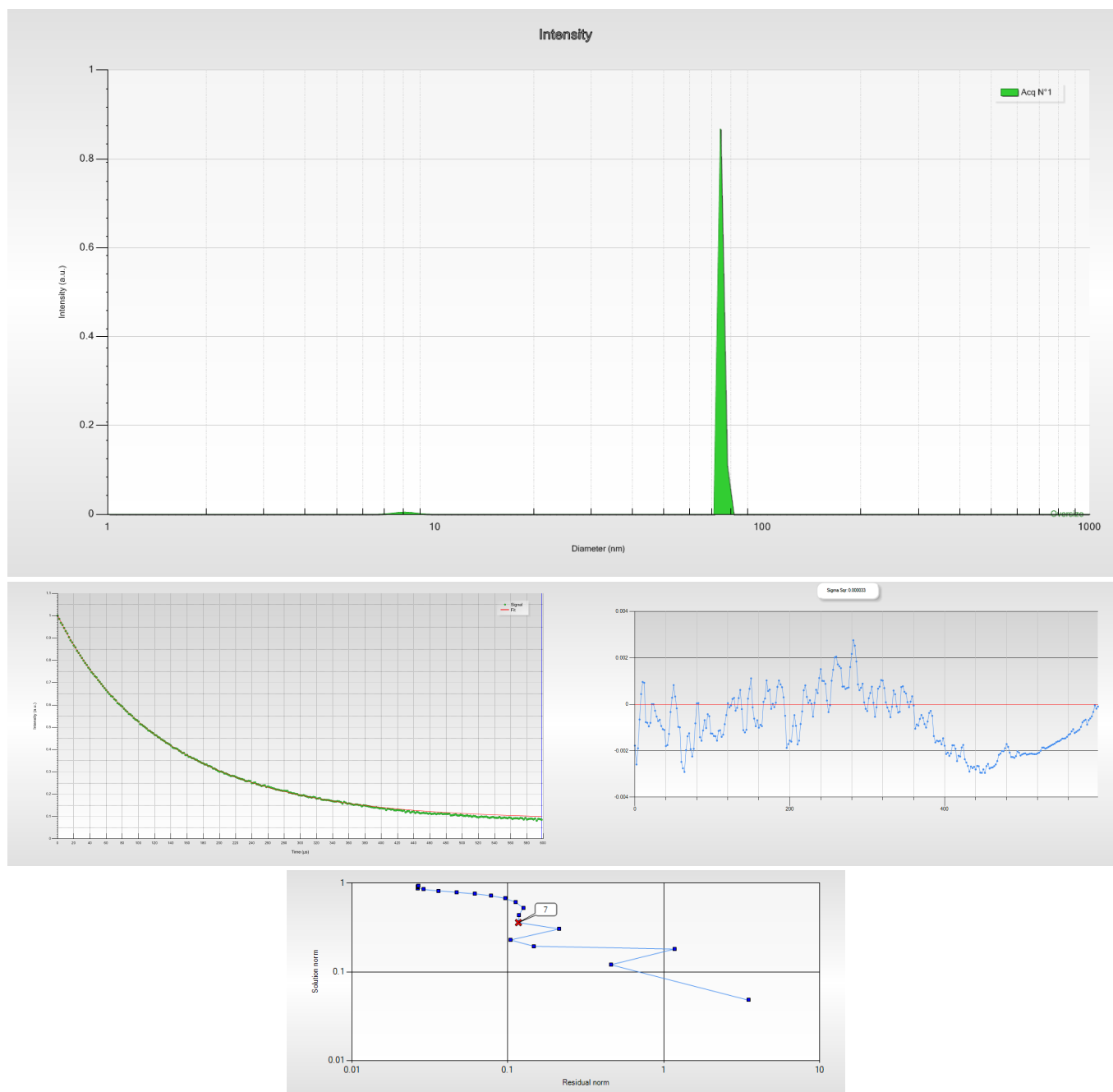
| **Di 10%:** 74.39 nm	**Di 50%:** 74.39 nm	**Di 90%:** 77.91 nm

Mean Intensity: 73.33 nm

Solution index: 14

Peak : 1	**Mode:** 77.91 nm	**Mean:** 78.28 nm	**Dev.:** 1.42 %	**Intensity.:** 94.35 %
Peak : 2	**Mode:** 8.08 nm	**Mean:** 8.08 nm	**Dev.:** 8.44 %	**Intensity.:** 5.65 %
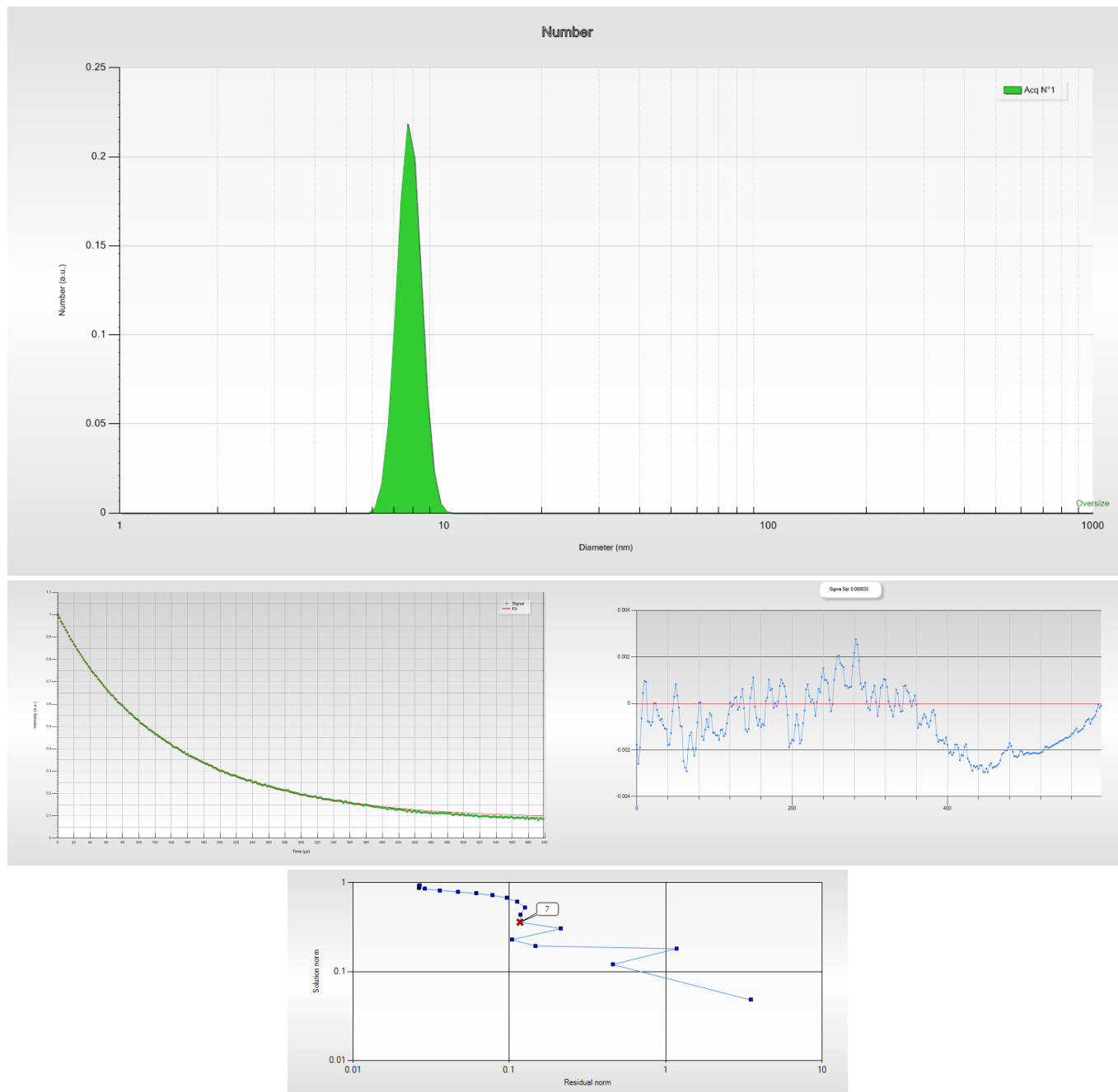
Distribution statistics

Dn 10%: 7.04 nm **Dn 50%:** 7.72 nm **Dn 90%:** 8.47 nm
Mean Number: 7.81 nm
**Solution index:** 14

Peak : 1 | **Mode:** 7.72 nm **Mean:** 7.81 nm **Dev.:** 9.14 % **Intensity.:** 100 %
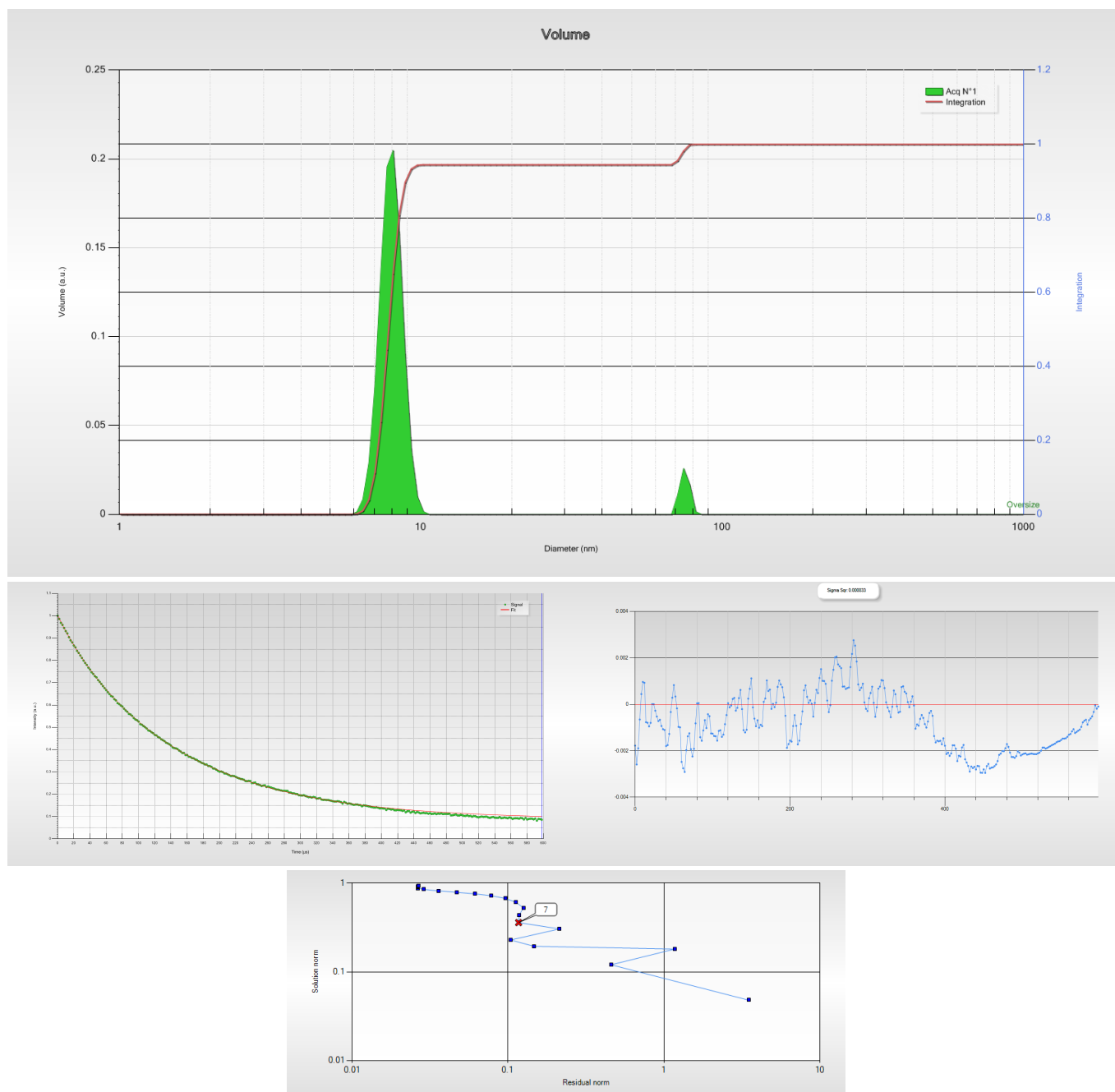
Distribution statistics

Dv 10%: 7.04 nm   **Dv 50%:** 8.08 nm   **Dv 90%:** 9.29 nm

Mean Volume: 11.67 nm

Solution index: 14

Peak : 1	**Mode:** 8.08 nm	**Mean:** 7.97 nm	**Dev.:** 9.1 %	**Intensity.:** 94.48 %
Peak : 2	**Mode:** 74.39 nm	**Mean:** 75.07 nm	**Dev.:** 5.18 %	**Intensity.:** 5.52 %

Dispersion statistics
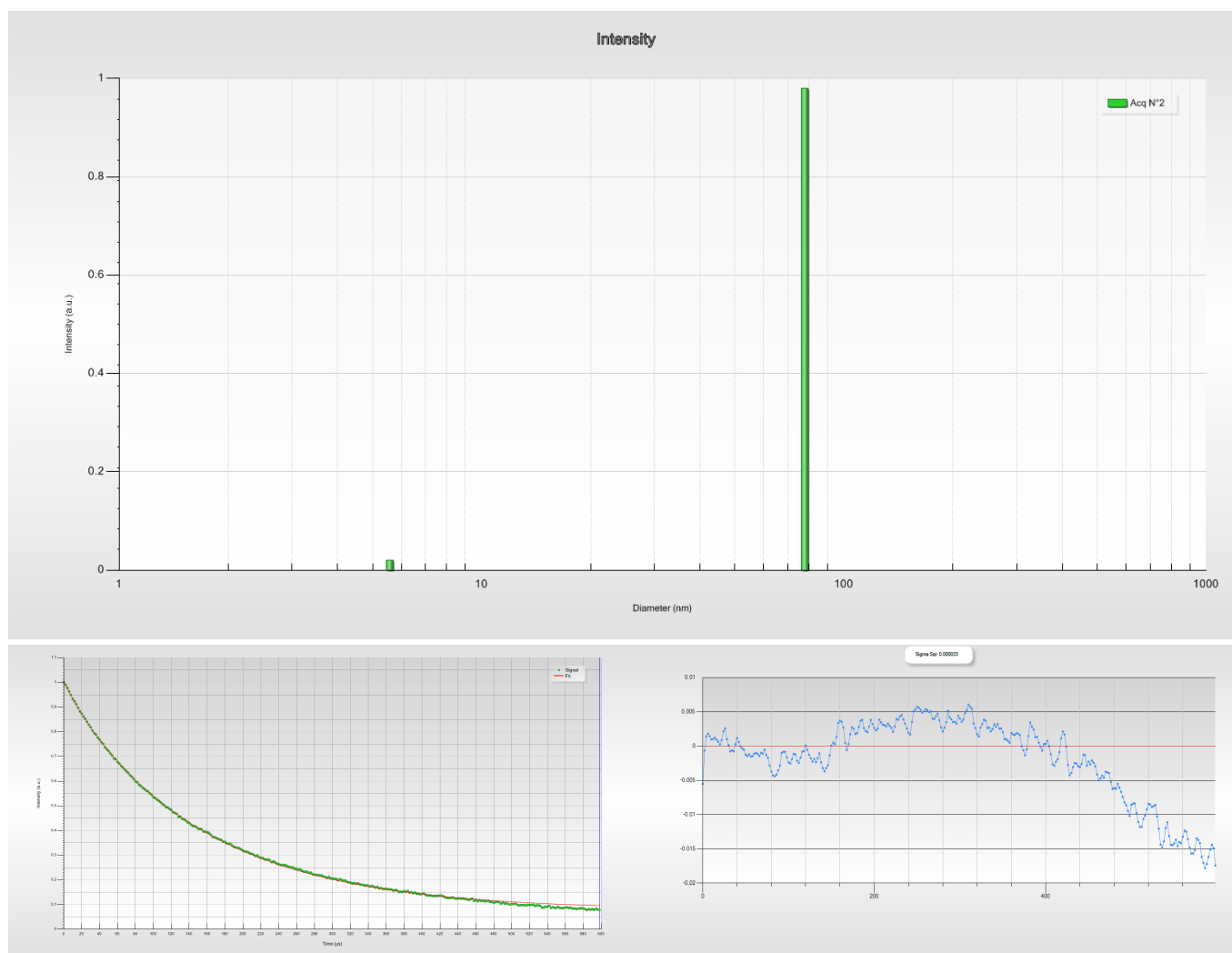
Di 10%: 77.91 nm   **Di 50%:** 77.91 nm   **Di 90%:** 77.91 nm
Mean Intensity: 76.41 nm

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
5.68	0.02	45750.88	86.55327E-012
79.02	0.94	3287.57	62.19542E-013

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
5.58	0.02	77.91	0.98

Acquisition: 2 (Number) 00:02:08 24.99 °C
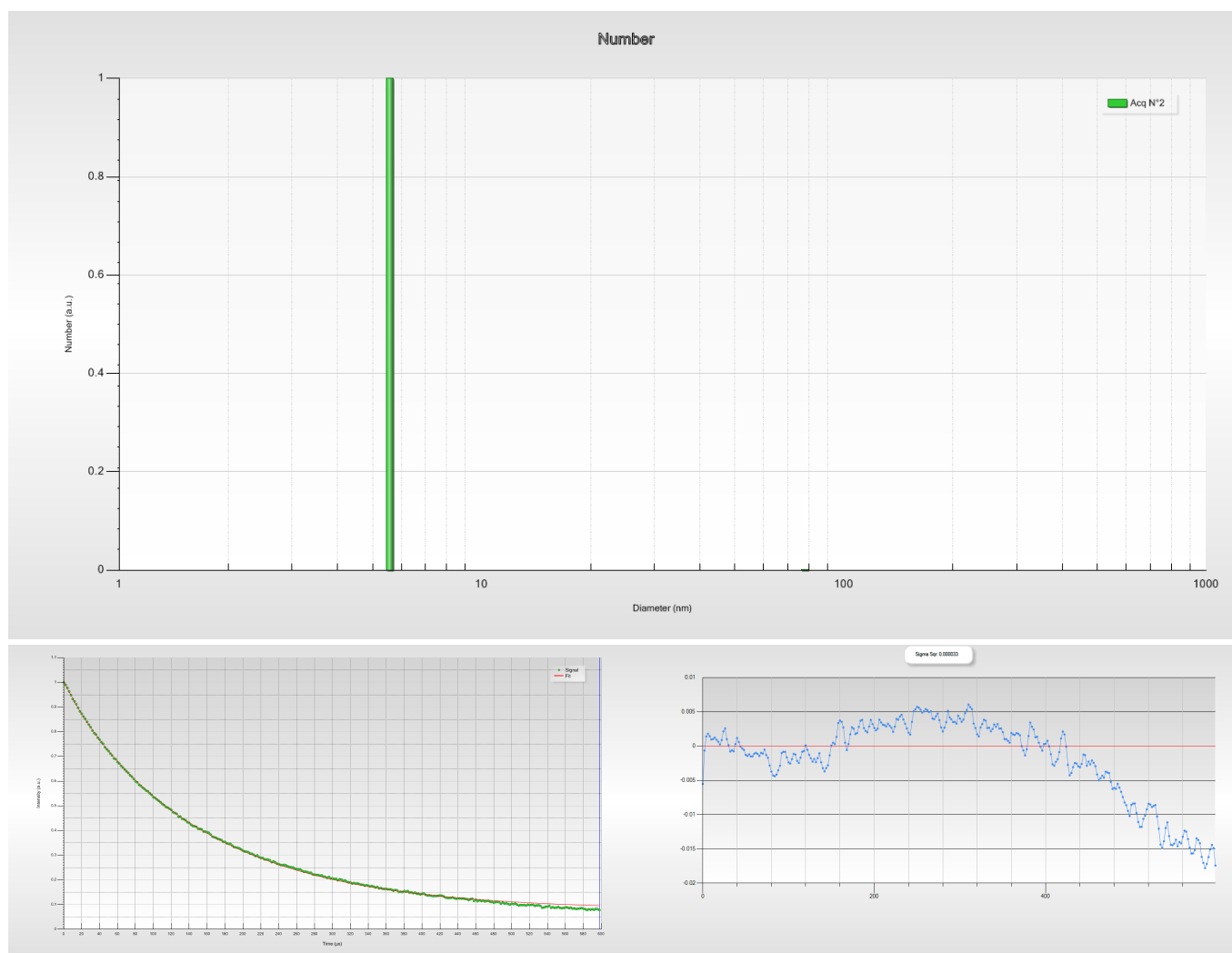
## Dispersion statistics

Dn 10%: 5.58 nm   **Dn 50%:** 5.58 nm   **Dn 90%:** 5.58 nm
Mean Number: 5.59 nm

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
5.68	0.02	45750.88	86.55327E-012
79.02	0.94	3287.57	62.19542E-013

Dispersion datas

Size (nm)	Number
5.58	1
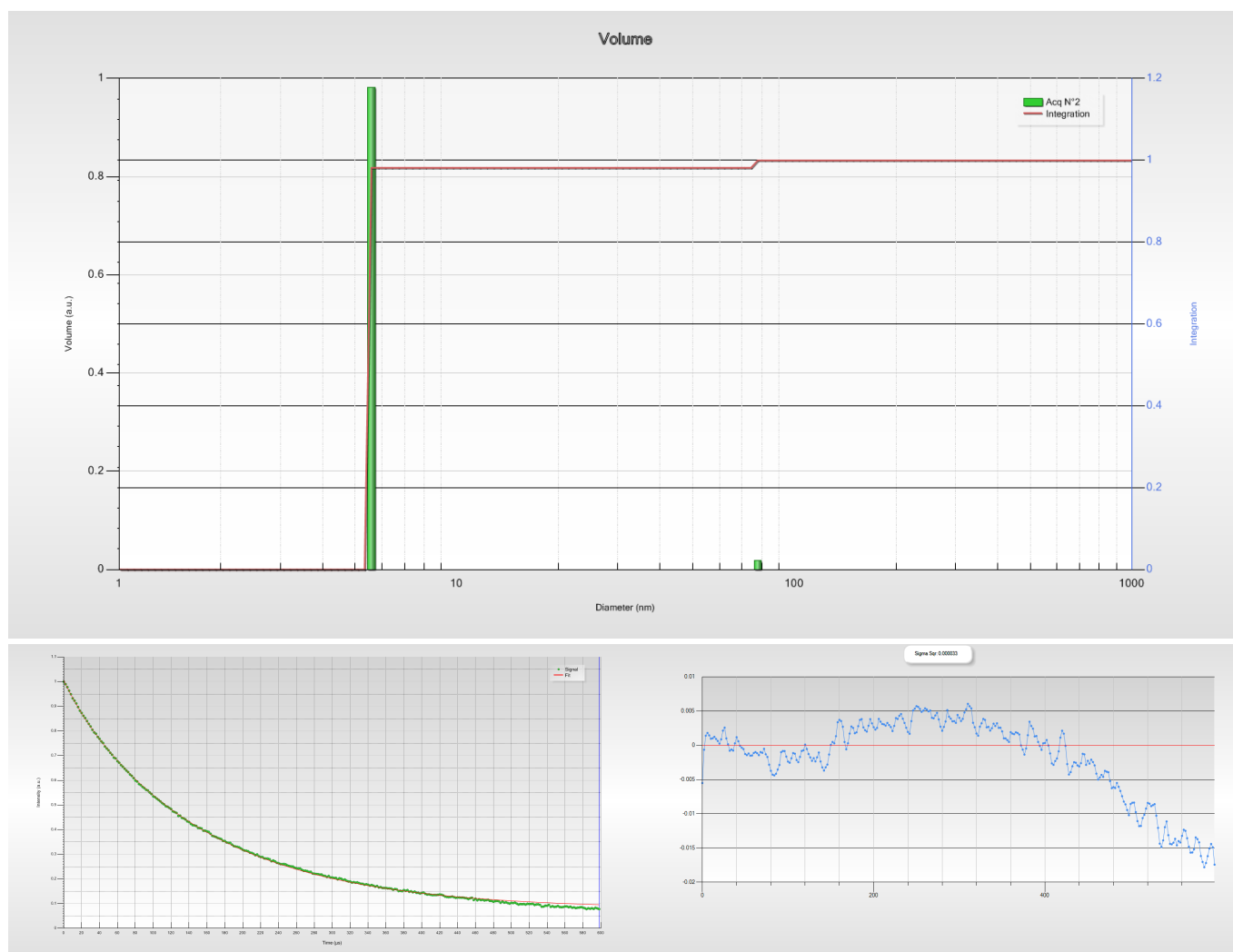
Dispersion statistics

Dv 10%: *5.58 nm*　　　　**Dv 50%:** *5.58 nm*　　　　**Dv 90%:** *5.58 nm*

Mean Volume: *6.91 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
5.68	0.02	45750.88	86.55327E-012
79.02	0.94	3287.57	62.19542E-013

Dispersion datas

Size (nm)	Volume	Size (nm)	Volume
5.58	0.98	77.91	0.02

Distribution statistics
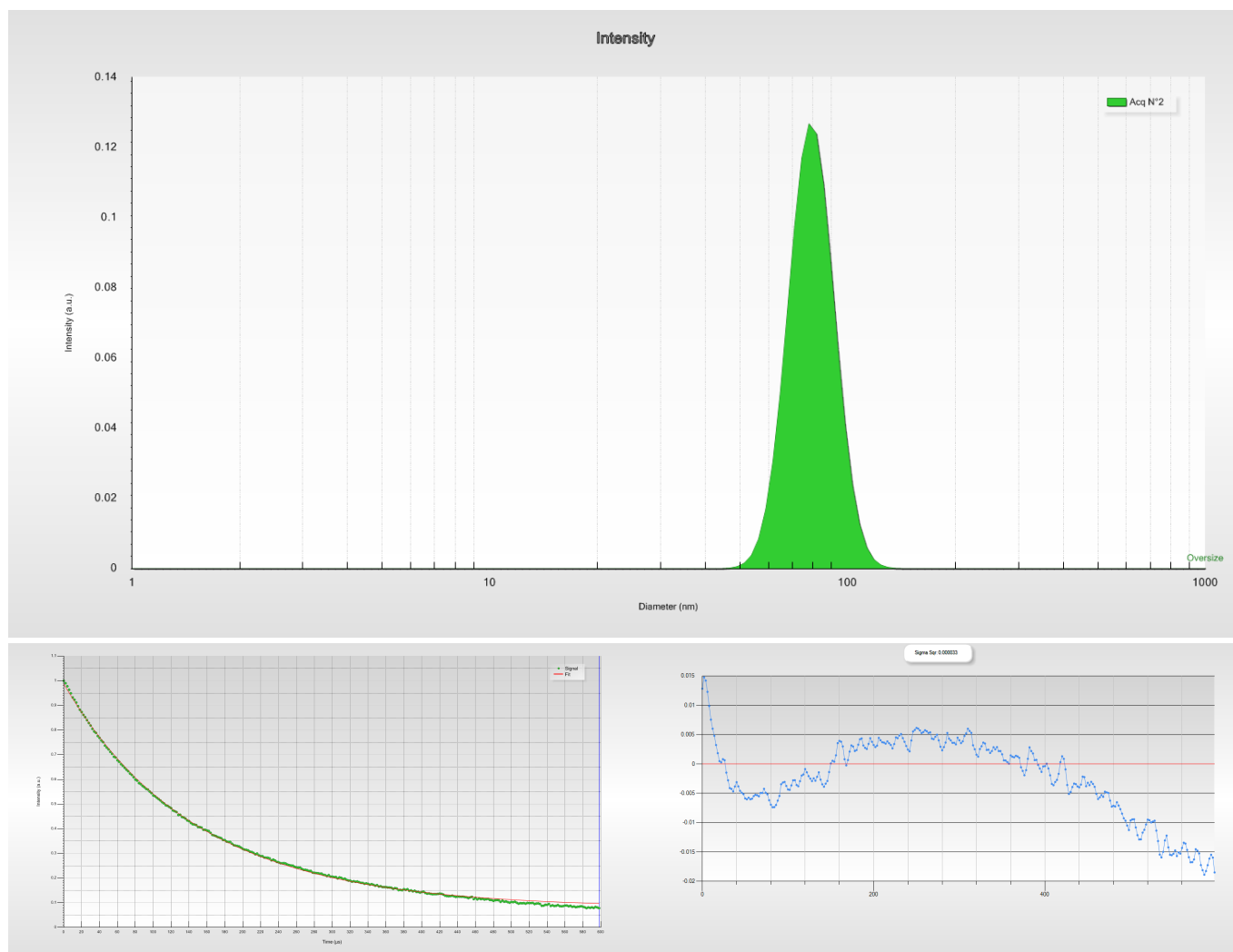
Di 10%: 64.75 nm	**Di 50%:** 77.91 nm	**Di 90%:** 93.73 nm
Mean Intensity: 79.77 nm		
PDI : 0.08487	**Std Dev:** 14.57%	

Detected size(s)

| Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
76.47	0.91	3397.11	64.26787E-013

Distribution statistics
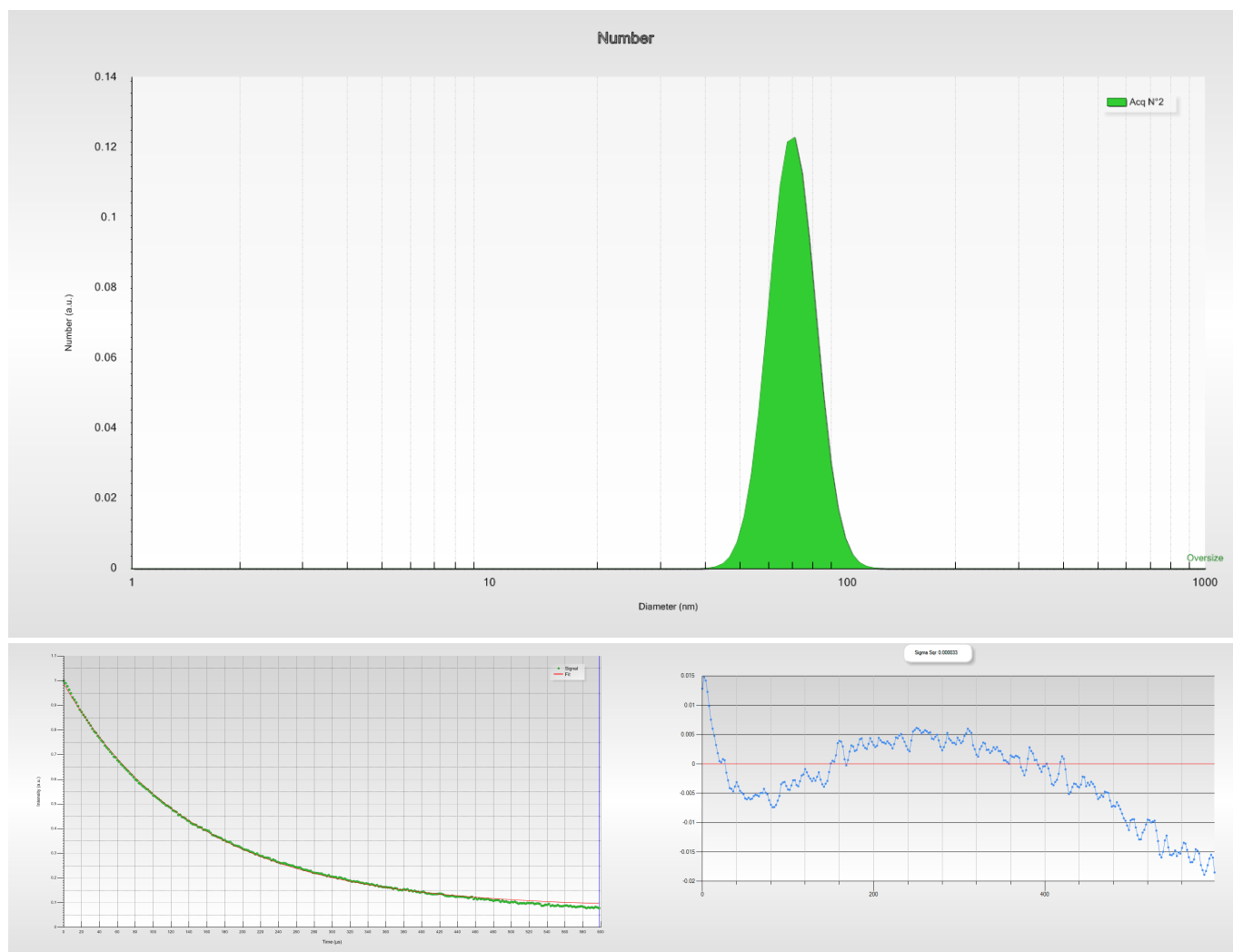
Dn 10%: *59.03 nm*   **Dn 50%:** *71.02 nm*   **Dn 90%:** *85.45 nm*

Mean Number: *70.54 nm*

PDI *: 0.08487*   **Std Dev:** *14.57%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
76.47	0.91	3397.11	64.26787E-013

Distribution statistics
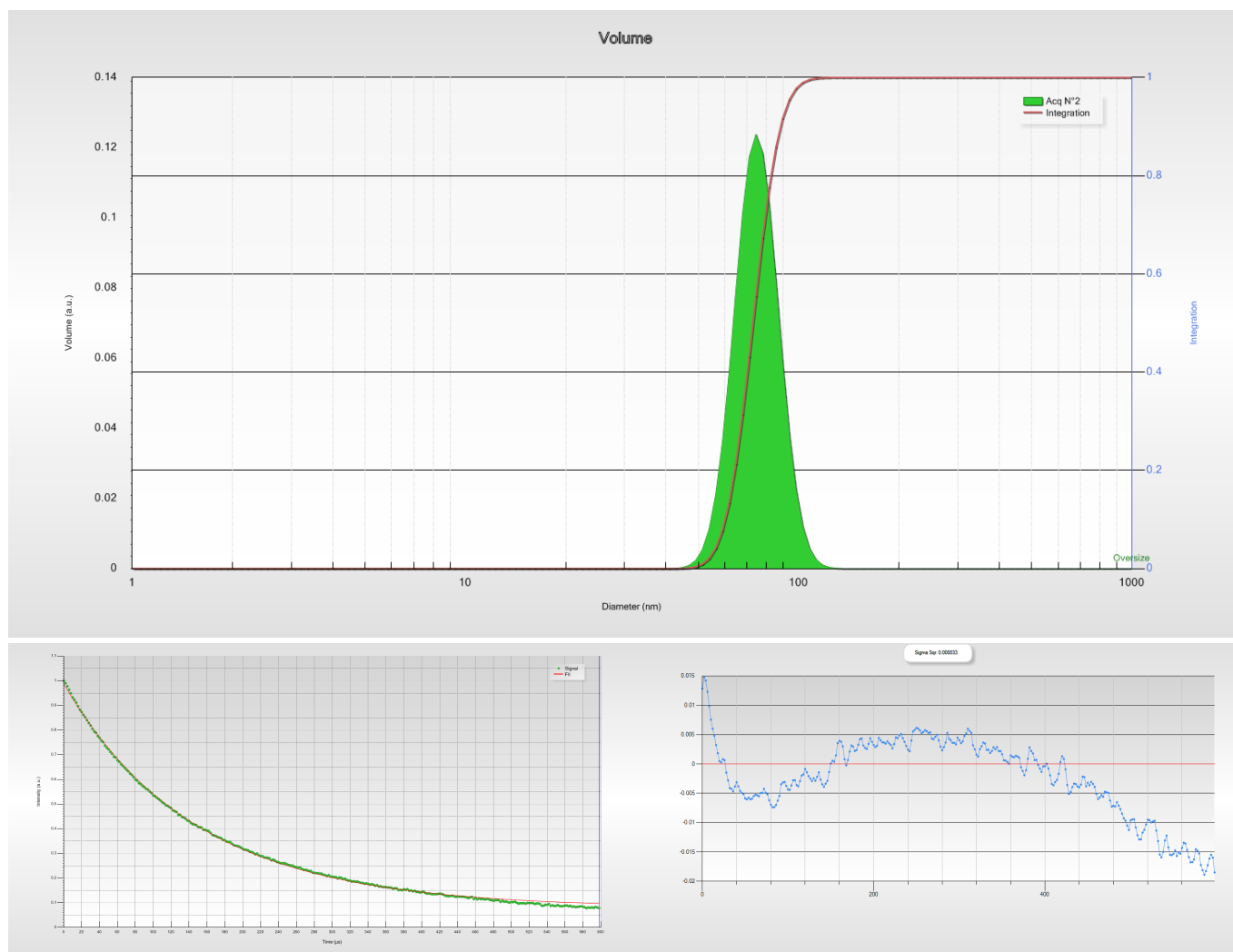
Dv 10%: *61.83 nm*   **Dv 50%:** *74.39 nm*   **Dv 90%:** *89.5 nm*

Mean Volume: *75.4 nm*

PDI   : *0.08487*   **Std Dev:** *14.57%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
76.47	0.91	3397.11	64.26787E-013

Distribution statistics
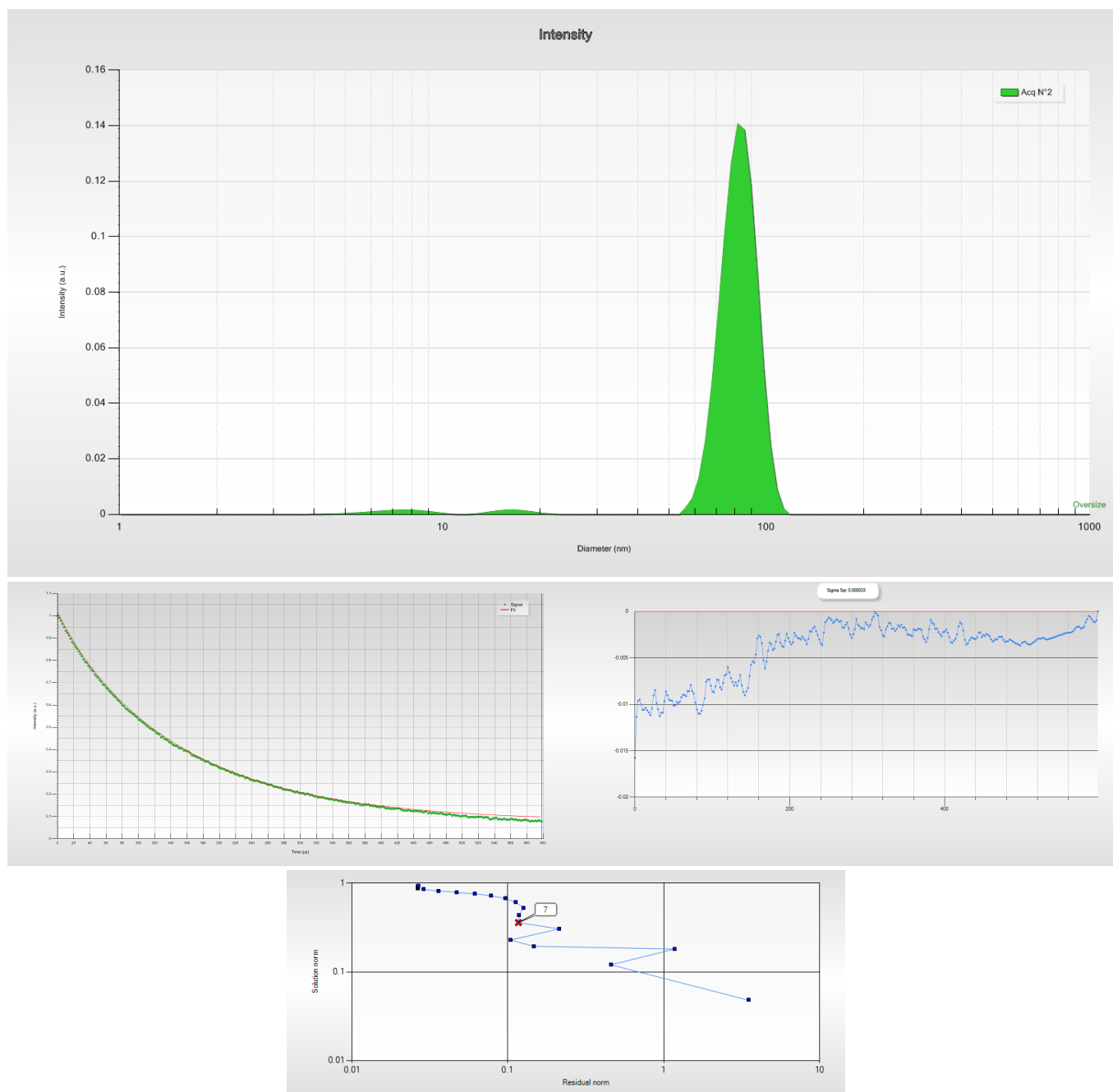
Di 10%: 67.81 nm   **Di 50%:** 81.59 nm   **Di 90%:** 93.73 nm
Mean Intensity: 80.15 nm
Solution index: 6

Peak : 1	**Mode:** 81.59 nm	**Mean:** 82.37 nm	**Dev.:** 12.74 %	**Intensity.:** 96.96 %
Peak : 2	**Mode:** 7.72 nm	**Mean:** 7.28 nm	**Dev.:** 20.45 %	**Intensity.:** 1.82 %
Peak : 3	**Mode:** 16.17 nm	**Mean:** 16.5 nm	**Dev.:** 13.43 %	**Intensity.:** 1.22 %

Distribution statistics
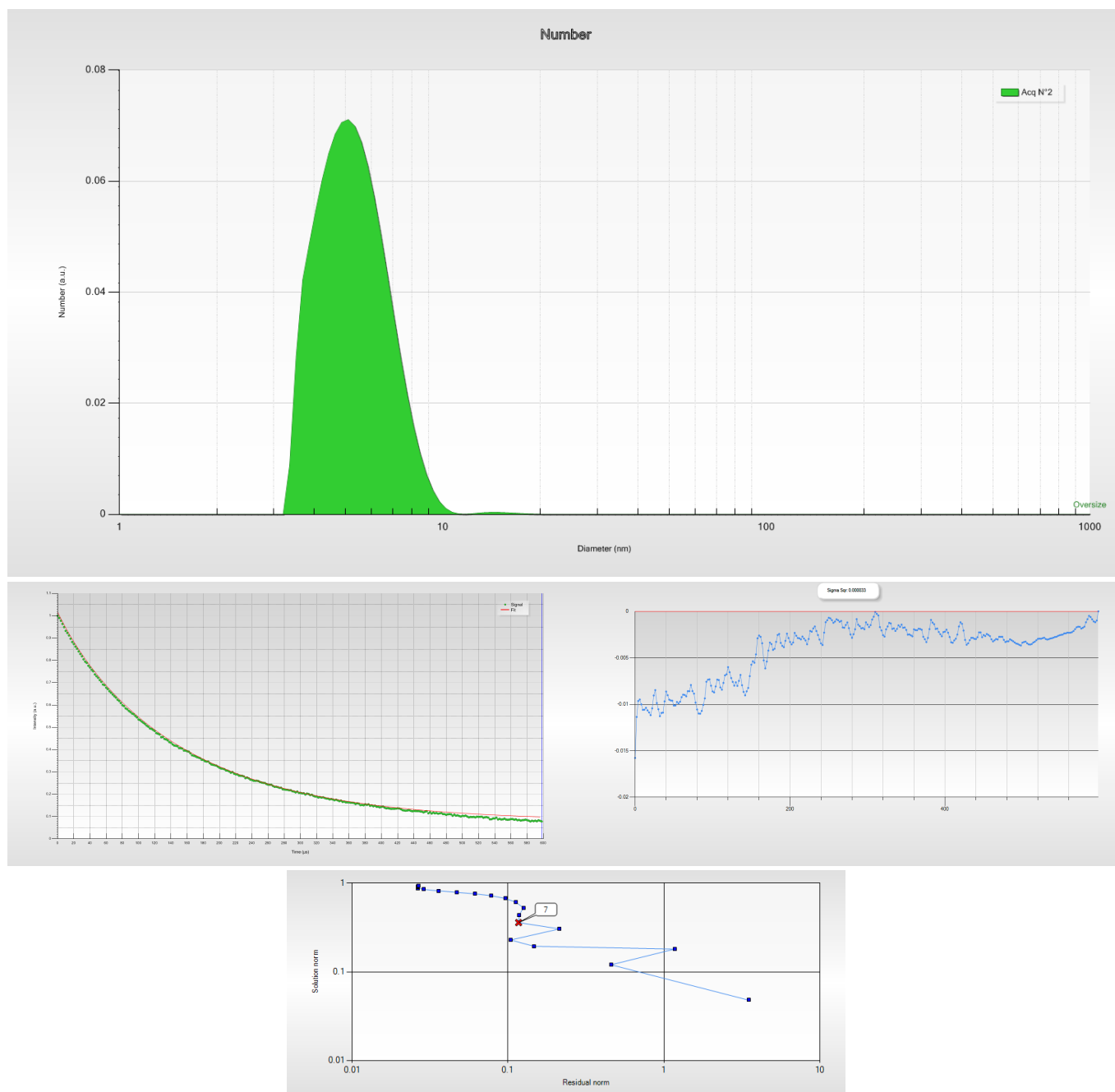
Dn 10%: 3.86 nm   **Dn 50%:** 5.09 nm   **Dn 90%:** 7.04 nm
**Mean Number:** 5.37 nm
Solution index: 6

Peak : 1 | **Mode:** 5.09 nm   **Mean:** 5.35 nm   **Dev.:** 24.29 %   **Intensity.:** 100 %

Distribution statistics
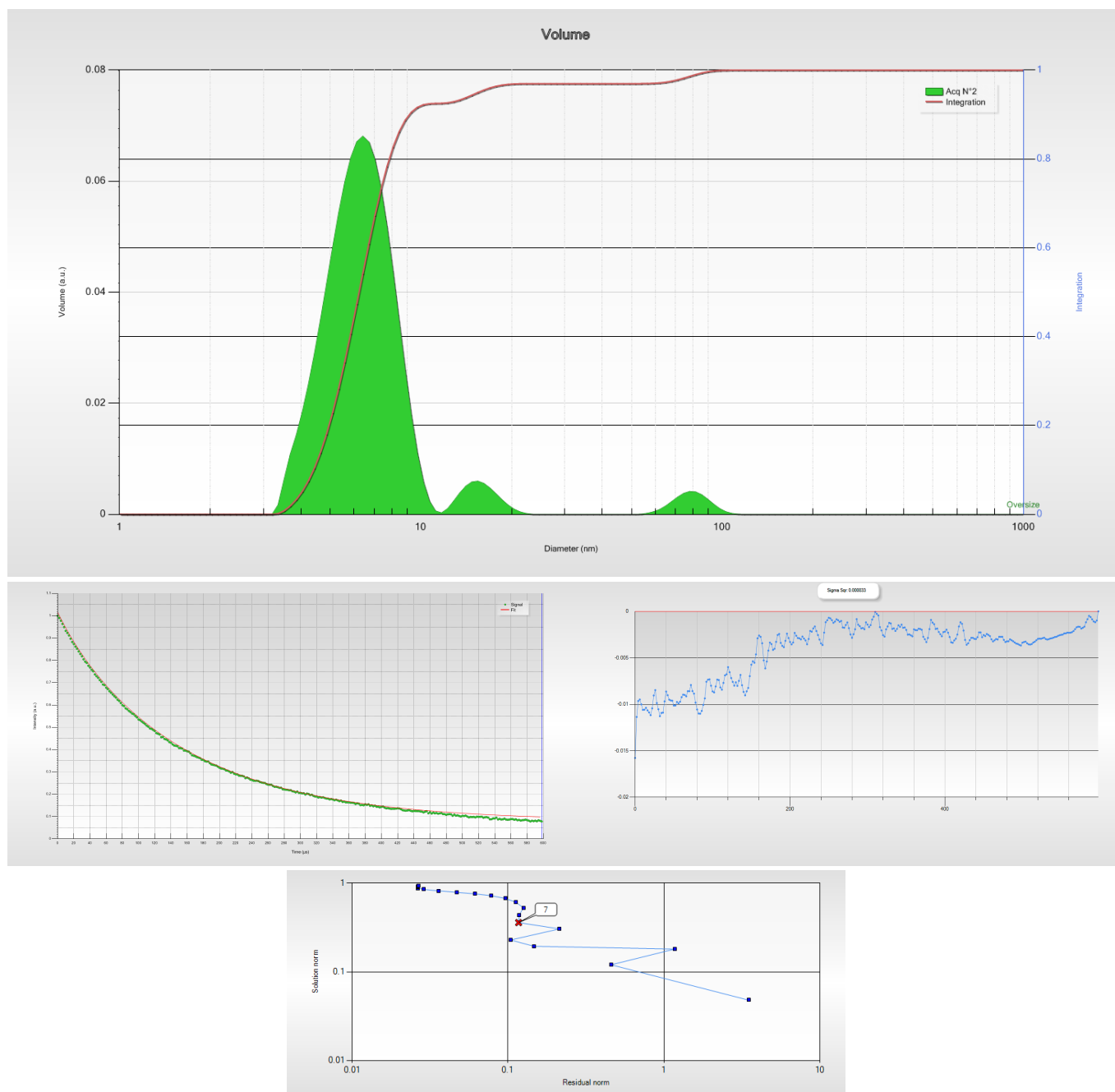
|		
Dv 10%: 4.43 nm	**Dv 50%:** 6.42 nm	**Dv 90%:** 9.29 nm
Mean Volume: 8.95 nm		
Solution index: 6		

Peak : 1	**Mode:** 6.42 nm	**Mean:** 6.33 nm	**Dev.:** 23.61 %	**Intensity.:** 92.51 %
Peak : 2	**Mode:** 15.44 nm	**Mean:** 15.76 nm	**Dev.:** 13.67 %	**Intensity.:** 4.46 %
Peak : 3	**Mode:** 77.91 nm	**Mean:** 79.15 nm	**Dev.:** 13.52 %	**Intensity.:** 3.03 %

## Dispersion statistics
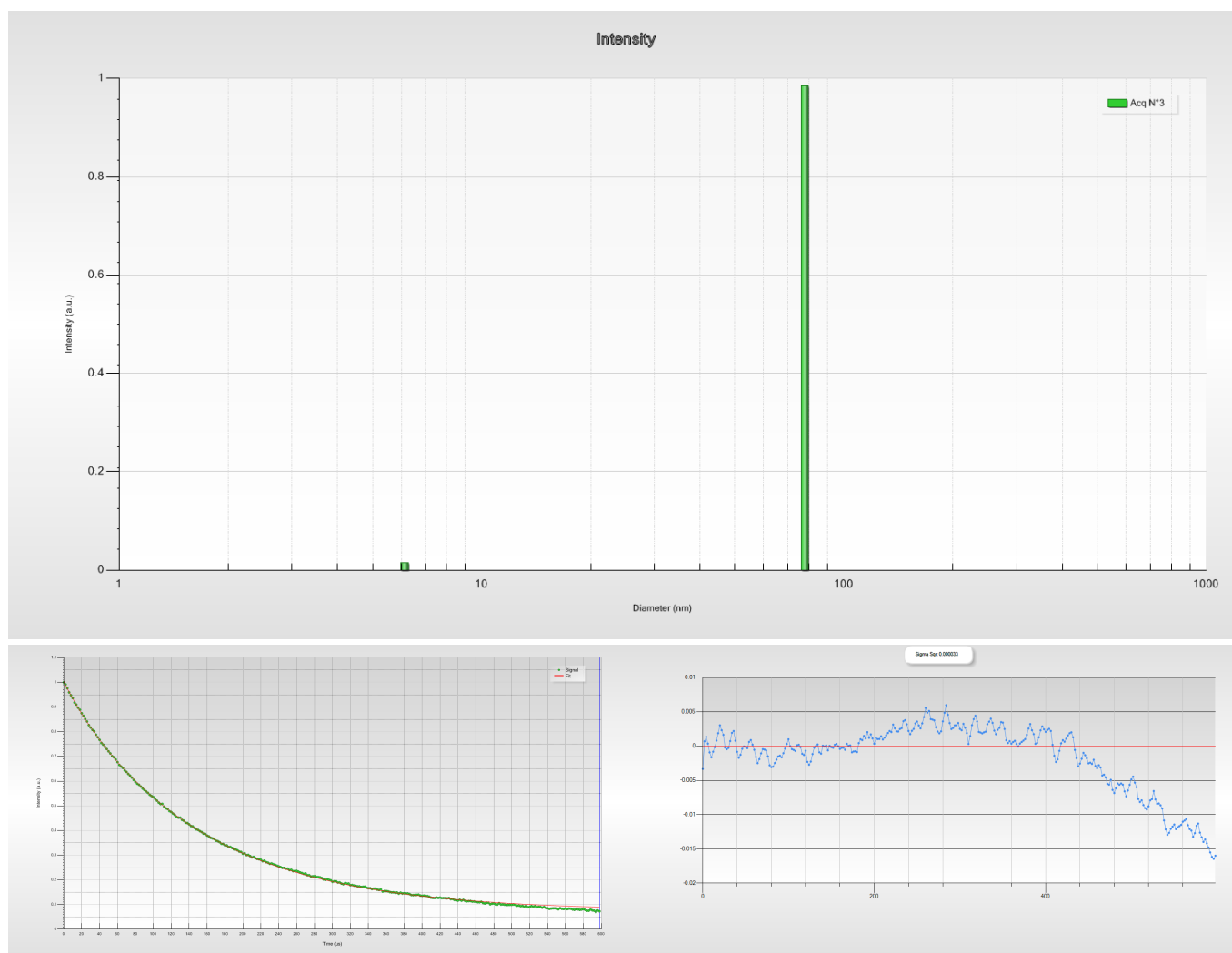
Di 10%: *77.91 nm*   **Di 50%:** *77.91 nm*   **Di 90%:** *77.91 nm*
Mean Intensity: *76.83 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
6.23	0.01	41715.3	78.91859E-012
77.03	0.95	3372.54	63.80305E-013

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
6.13	0.01	77.91	0.99
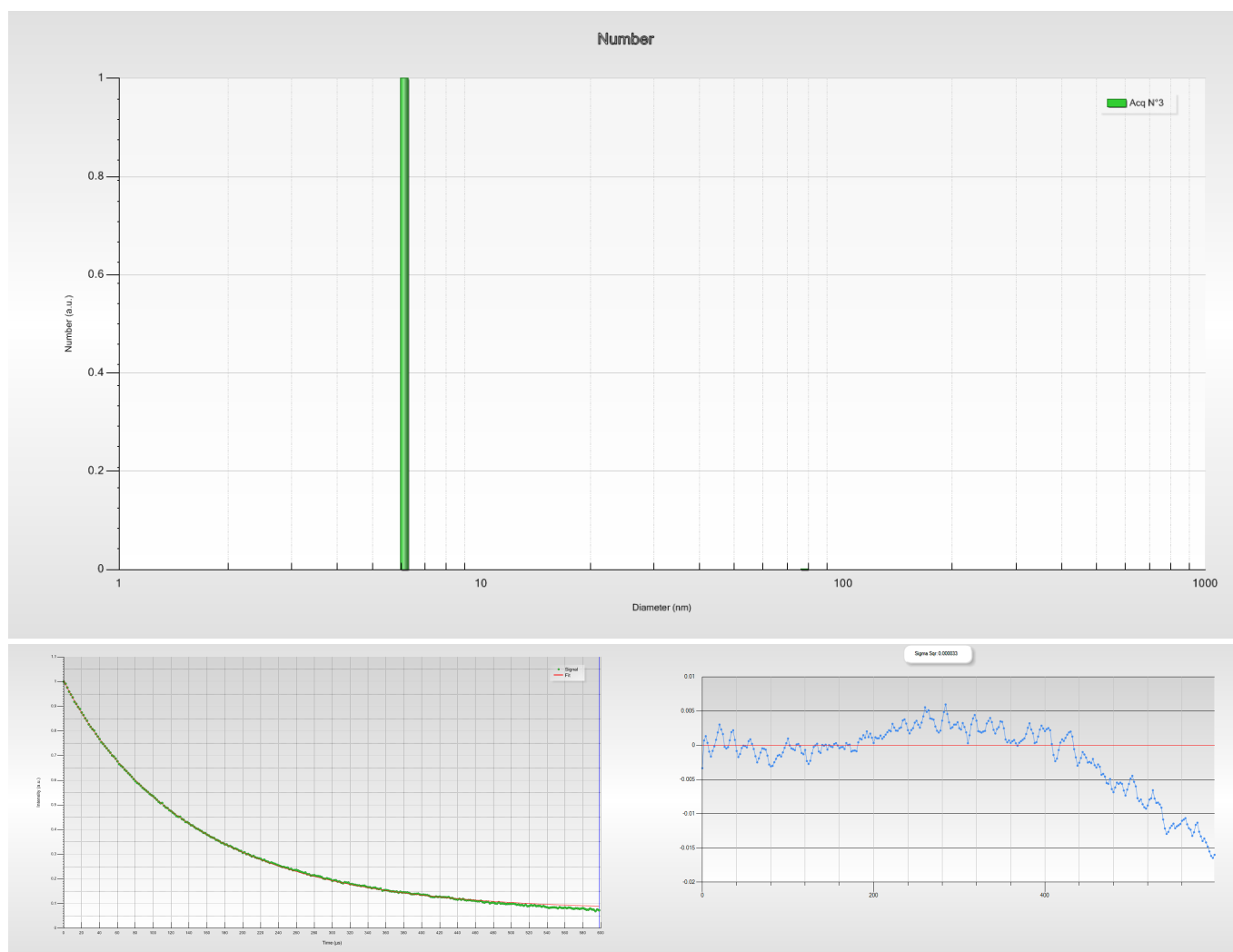
Dispersion statistics

Dn 10%: *6.13 nm*   **Dn 50%:** *6.13 nm*   **Dn 90%:** *6.13 nm*
Mean Number: *6.13 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
6.23	0.01	41715.3	78.91859E-012
77.03	0.95	3372.54	63.80305E-013

Dispersion datas

Size (nm)	Number
6.13	1
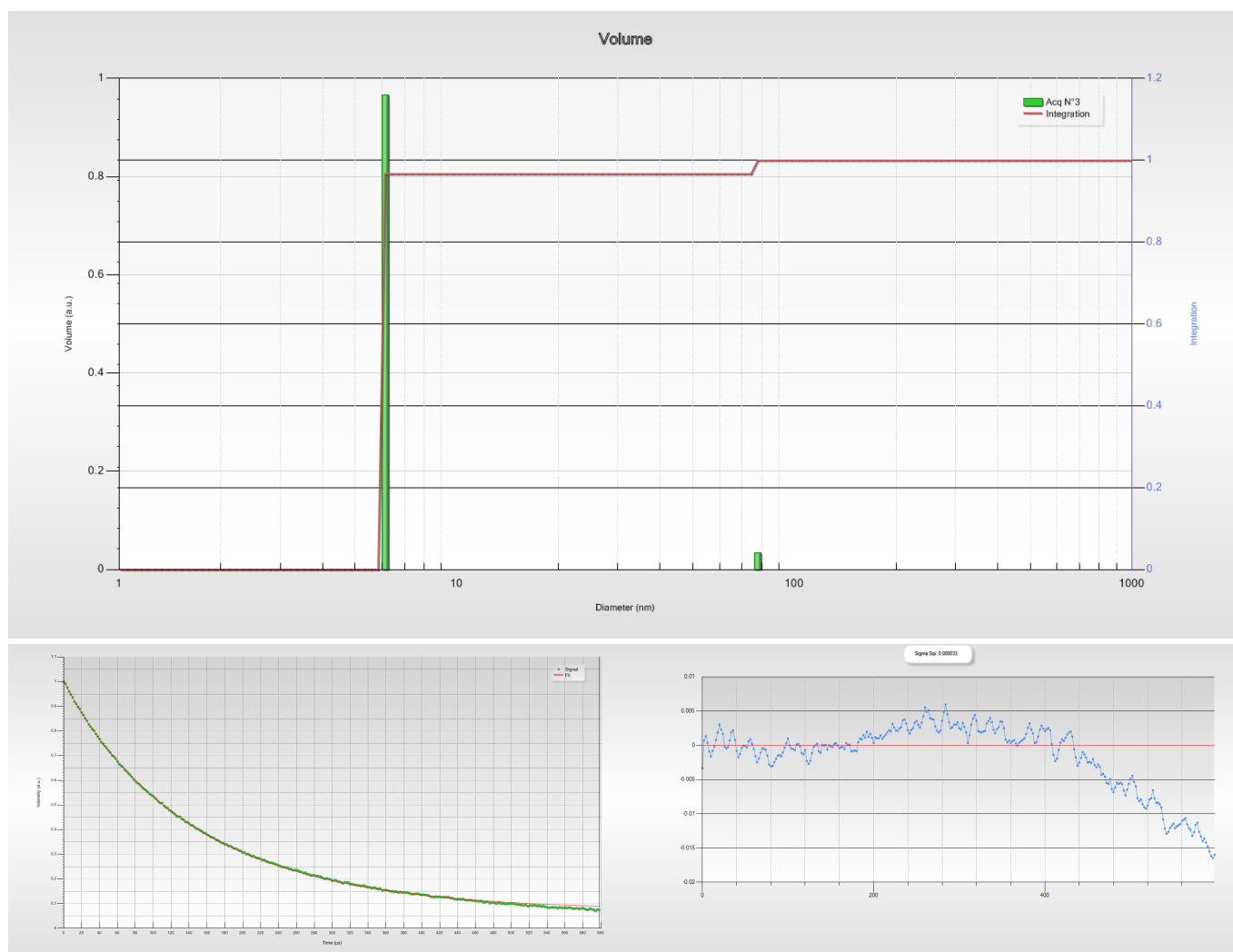
Dispersion statistics

Dv 10%: *6.13 nm*　　　　**Dv 50%:** *6.13 nm*　　　　**Dv 90%:** *6.13 nm*

Mean Volume: *8.51 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
6.23	0.01	41715.3	78.91859E-012
77.03	0.95	3372.54	63.80305E-013

Dispersion datas

Size (nm)	Volume	Size (nm)	Volume
6.13	0.97	77.91	0.03

Distribution statistics
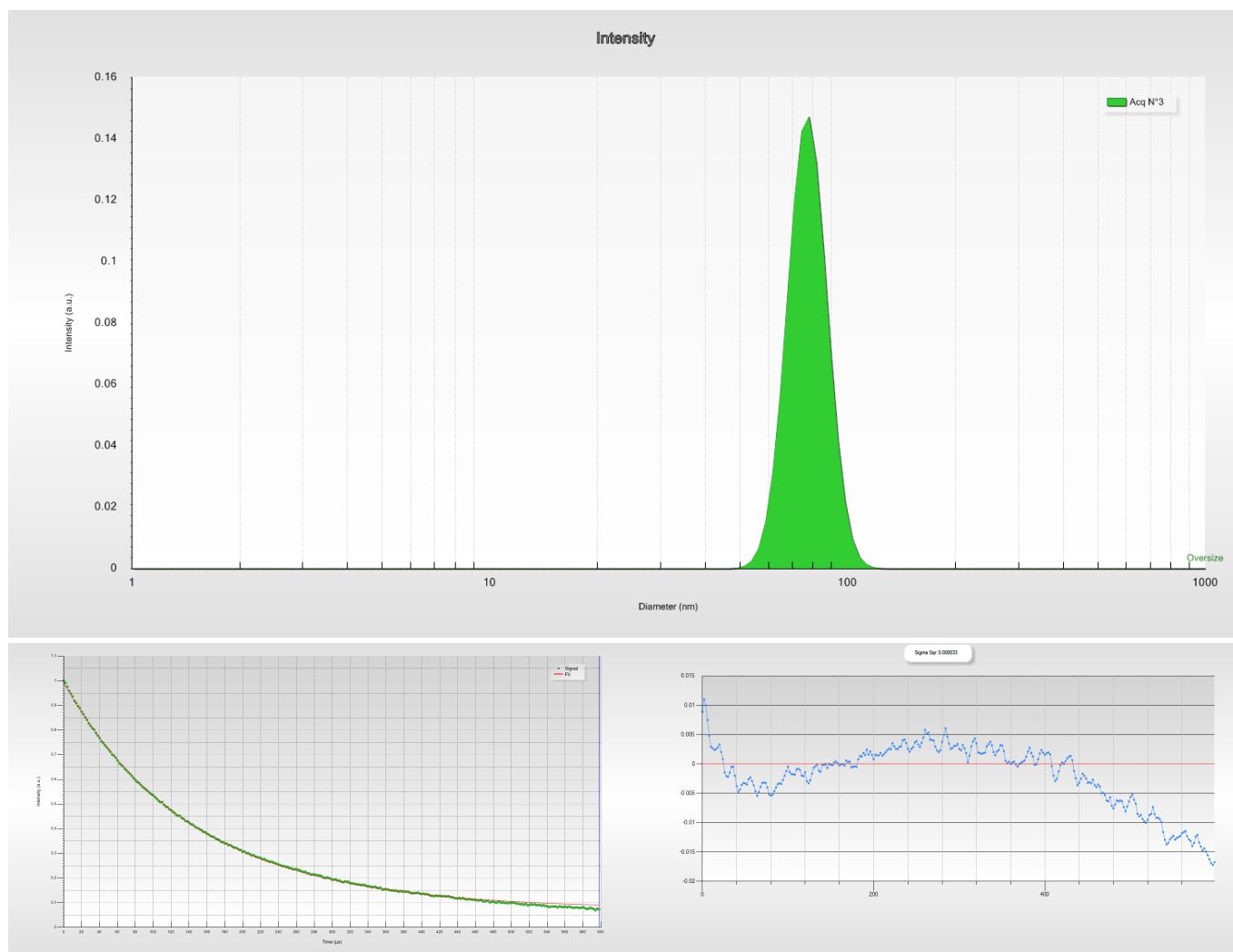
Di 10%: 64.75 nm	**Di 50%:** 77.91 nm	**Di 90%:** 89.5 nm
Mean Intensity: 77.55 nm		
PDI : 0.06275	**Std Dev:** 12.52%	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
75.16	0.92	3456.67	65.39455E-013

Distribution statistics
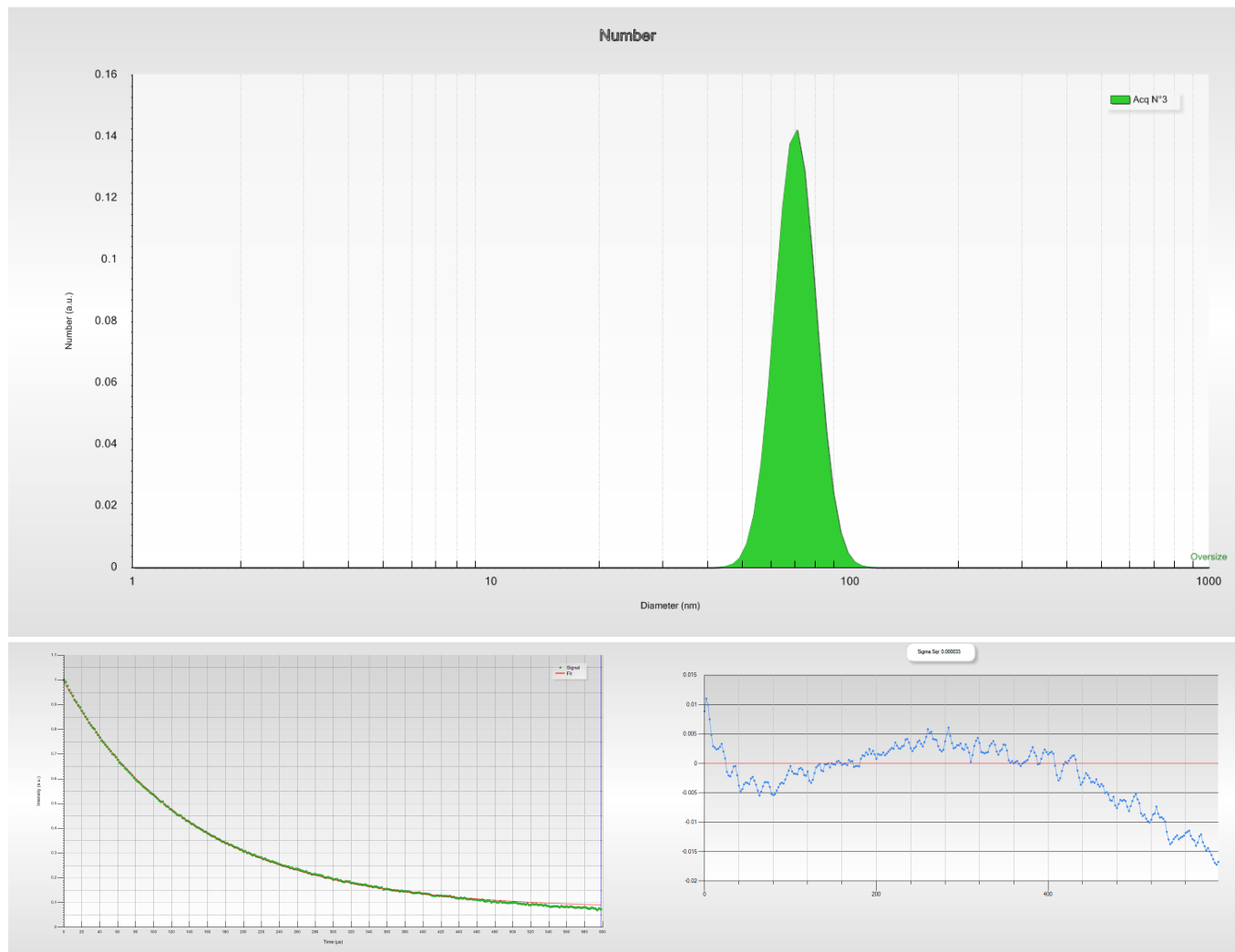
Dn 10%: *59.03 nm*	**Dn 50%:** *71.02 nm*	**Dn 90%:** *81.59 nm*
Mean Number: *70.8 nm*		
PDI *: 0.06275*	**Std Dev:** *12.52%*	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
75.16	0.92	3456.67	65.39455E-013

Distribution statistics
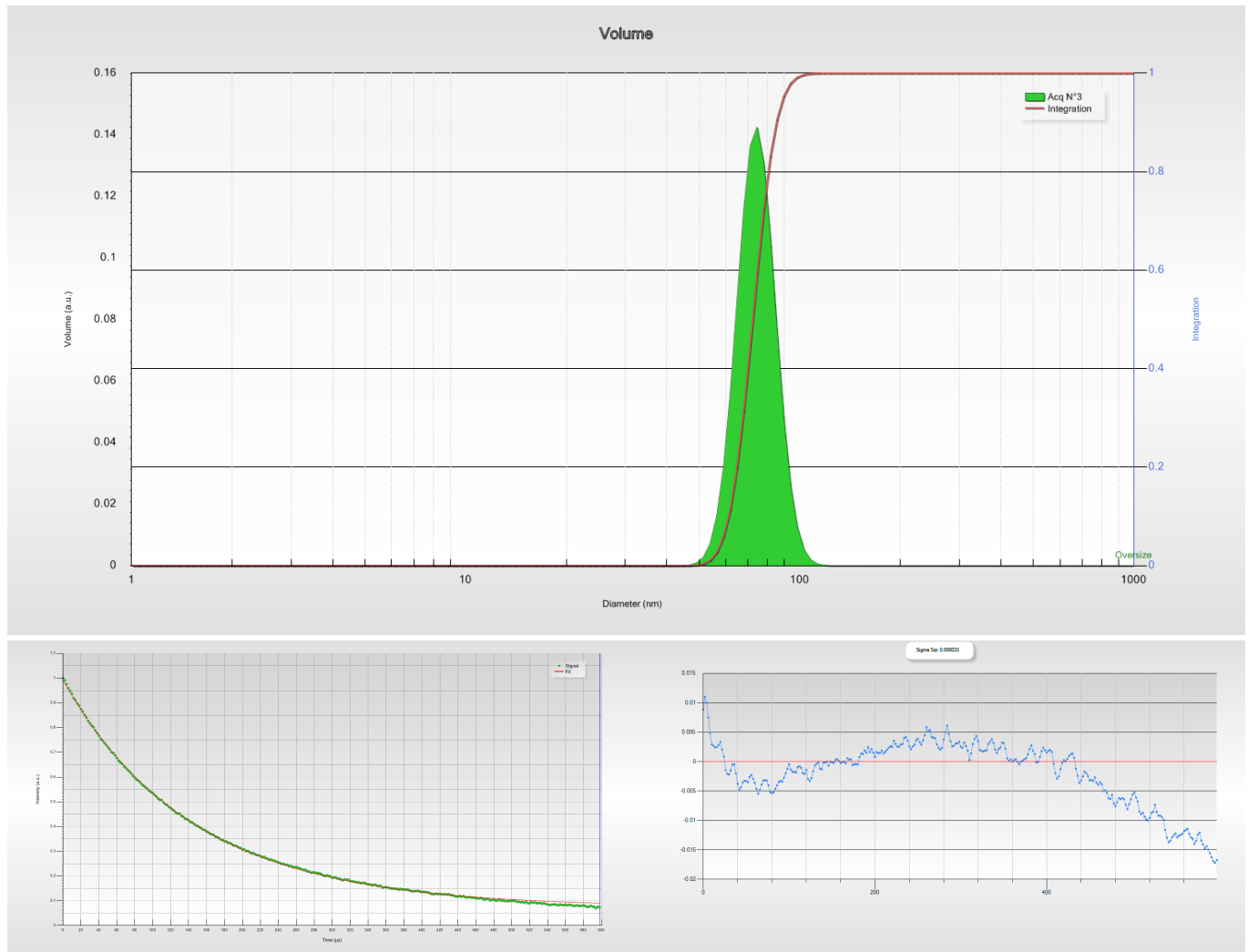
Dv 10%: *61.83 nm*	**Dv 50%:** *74.39 nm*	**Dv 90%:** *85.45 nm*
Mean Volume: *74.44 nm*		
PDI *: 0.06275*	**Std Dev:** *12.52%*	

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
75.16	0.92	3456.67	65.39455E-013

Distribution statistics
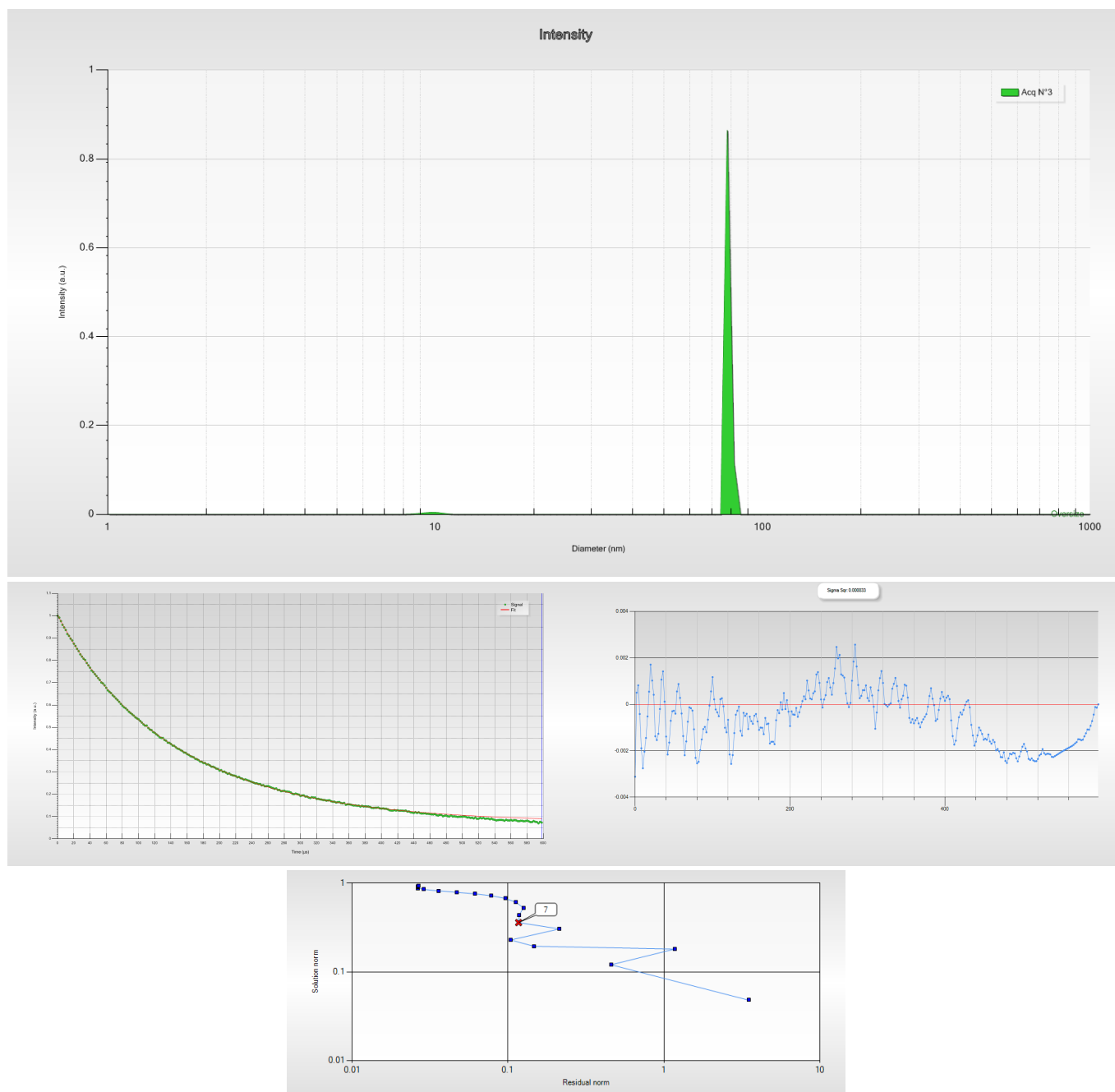
Di 10%: 77.91 nm	**Di 50%:** 77.91 nm	**Di 90%:** 81.59 nm
Mean Intensity: 77.07 nm		
Solution index: 14		

|				
Peak : 1	**Mode:** 81.59 nm	**Mean:** 82 nm	**Dev.:** 1.45 %	**Intensity.:** 95.17 %
Peak : 2	**Mode:** 9.73 nm	**Mean:** 9.7 nm	**Dev.:** 8.03 %	**Intensity.:** 4.83 %
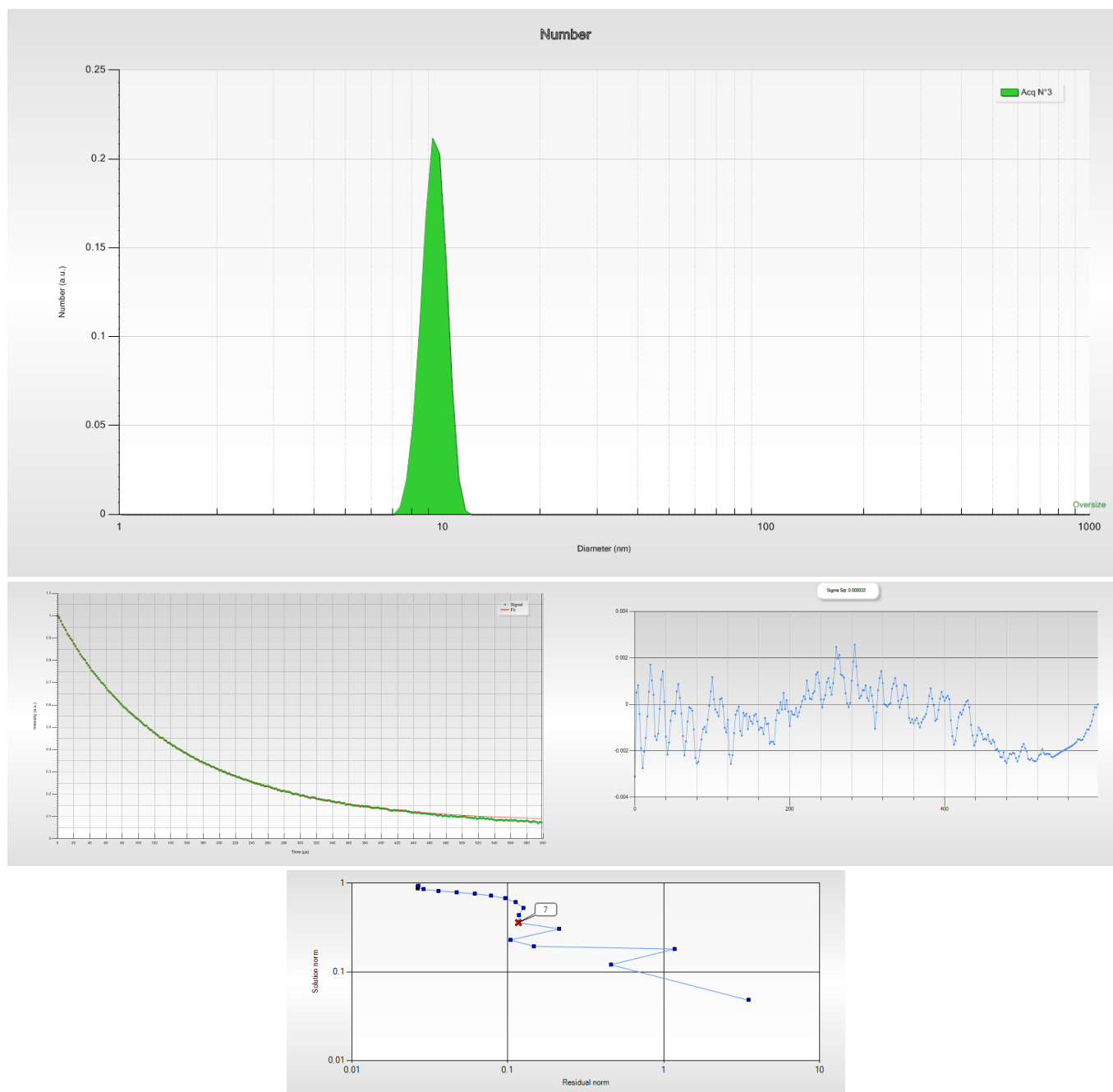
Distribution statistics

Dn 10%: *8.47 nm*   **Dn 50%:** *9.29 nm*   **Dn 90%:** *10.19 nm*
**Mean Number:** *9.4 nm*
Solution index: *14*

Peak : 1 | **Mode:** *9.29 nm*   **Mean:** *9.39 nm*   **Dev.:** *9.09 %*   **Intensity.:** *100 %*
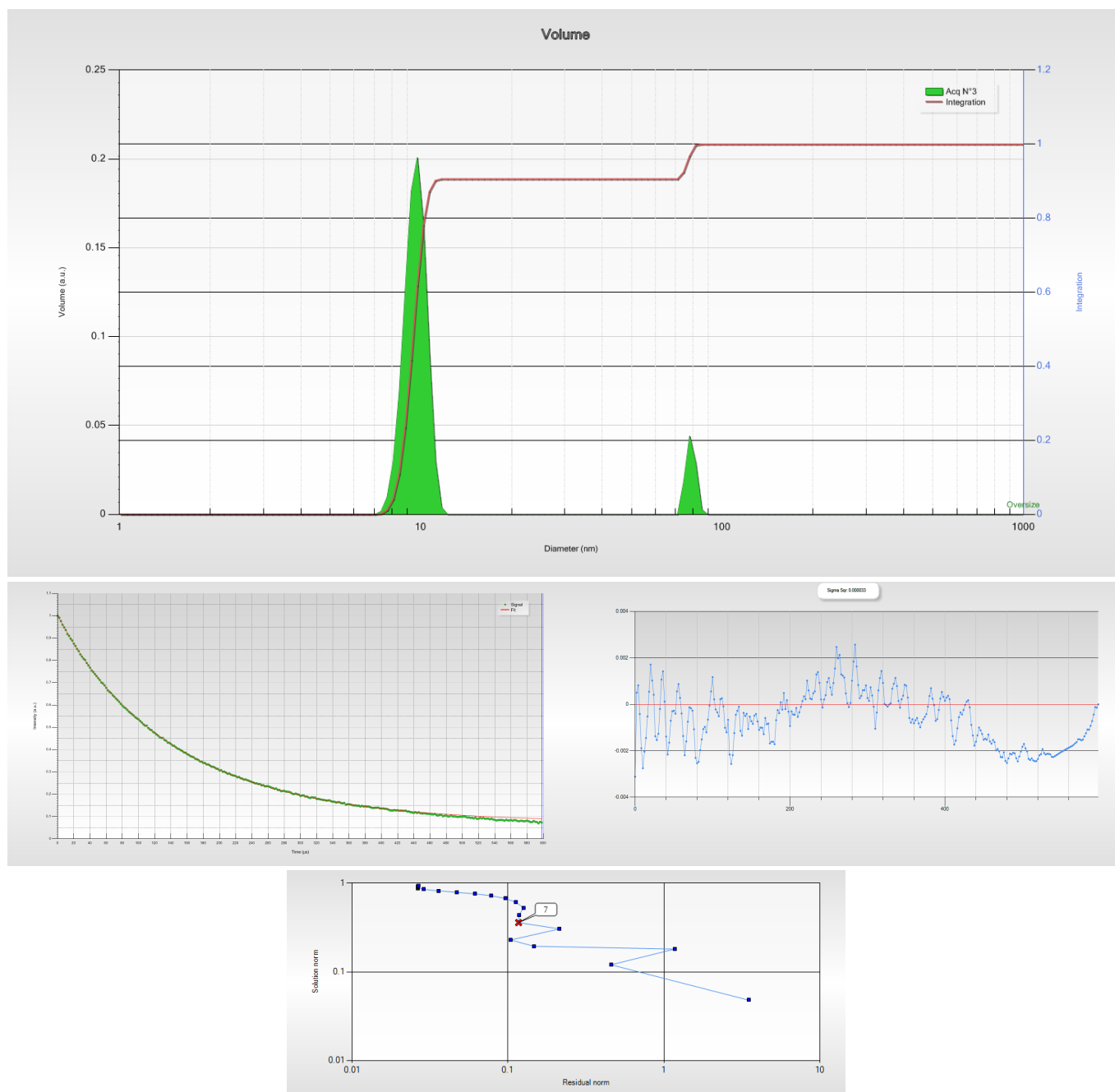
Distribution statistics

Dv 10%: *8.47 nm*   **Dv 50%:** *9.73 nm*   **Dv 90%:** *11.17 nm*
Mean Volume: *16.08 nm*
Solution index: *14*

| **Peak : 1** | **Mode:** 9.73 nm | **Mean:** 9.58 nm | **Dev.:** 8.9 % | **Intensity.:** 90.58 % |
| **Peak : 2** | **Mode:** 77.91 nm | **Mean:** 78.64 nm | **Dev.:** 5.19 % | **Intensity.:** 9.42 % |

Dispersion statistics
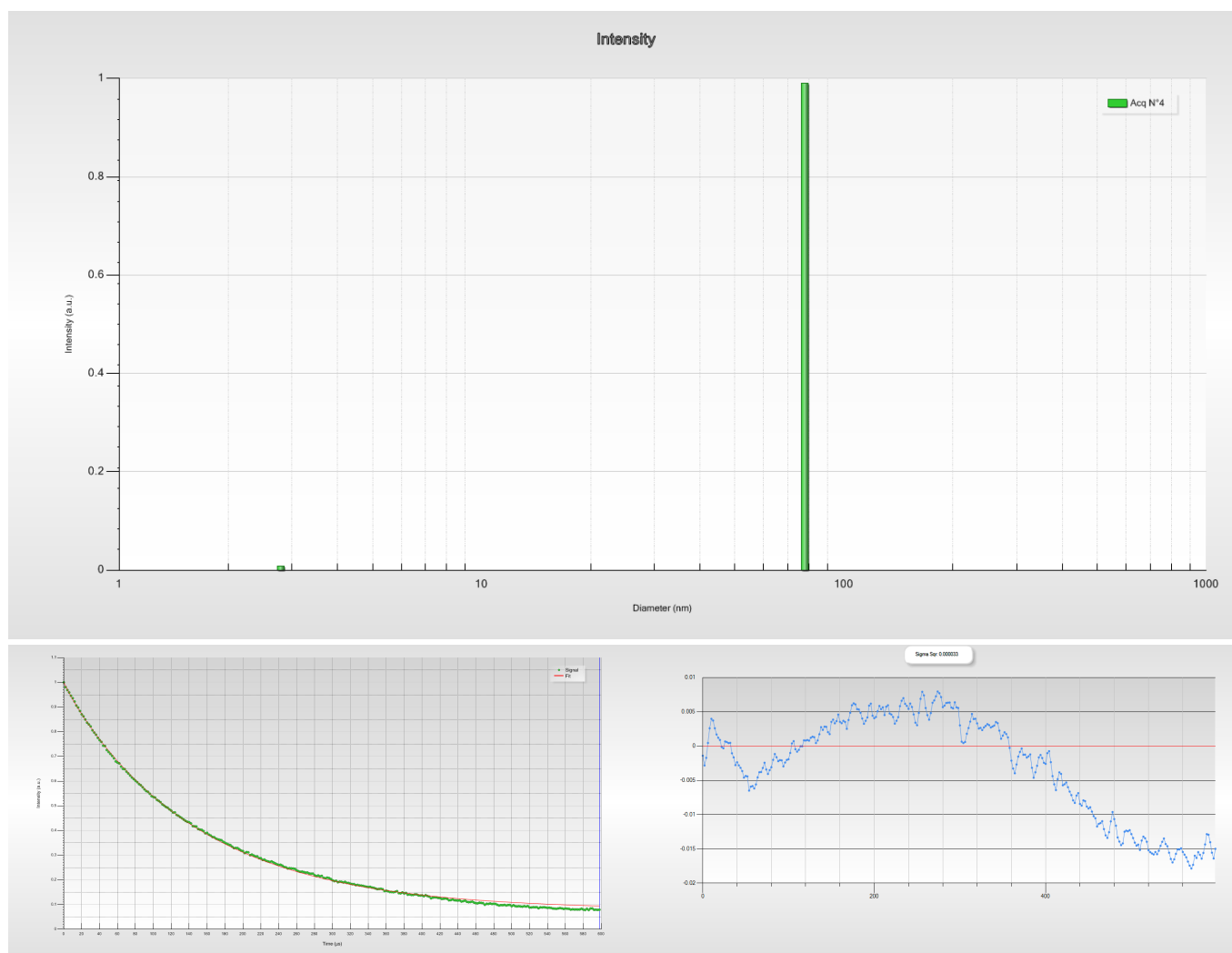
Di 10%: *77.91 nm*   **Di 50%:** *77.91 nm*   **Di 90%:** *77.91 nm*

Mean Intensity: *77.24 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
2.75	0.01	94589.8	17.89486E-011
76.5	0.95	3395.83	64.24358E-013

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
2.79	0.01	77.91	0.99

Dispersion statistics
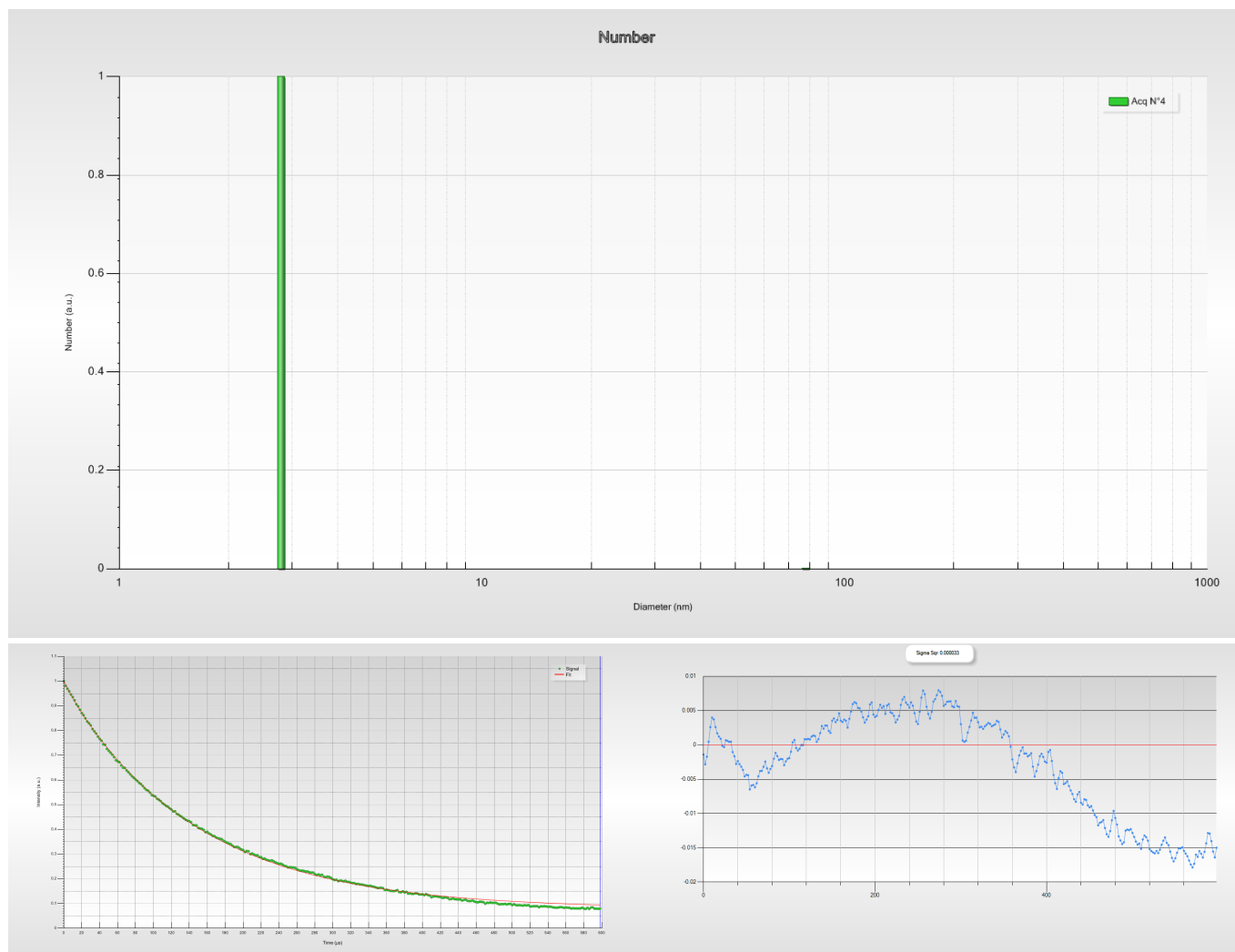
Dn 10%: 2.79 nm   **Dn 50%:** 2.79 nm   **Dn 90%:** 2.79 nm
Mean Number: 2.79 nm

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
2.75	0.01	94589.8	17.89486E-011
76.5	0.95	3395.83	64.24358E-013

Dispersion datas

Size (nm)	Number
2.79	1

Dispersion statistics
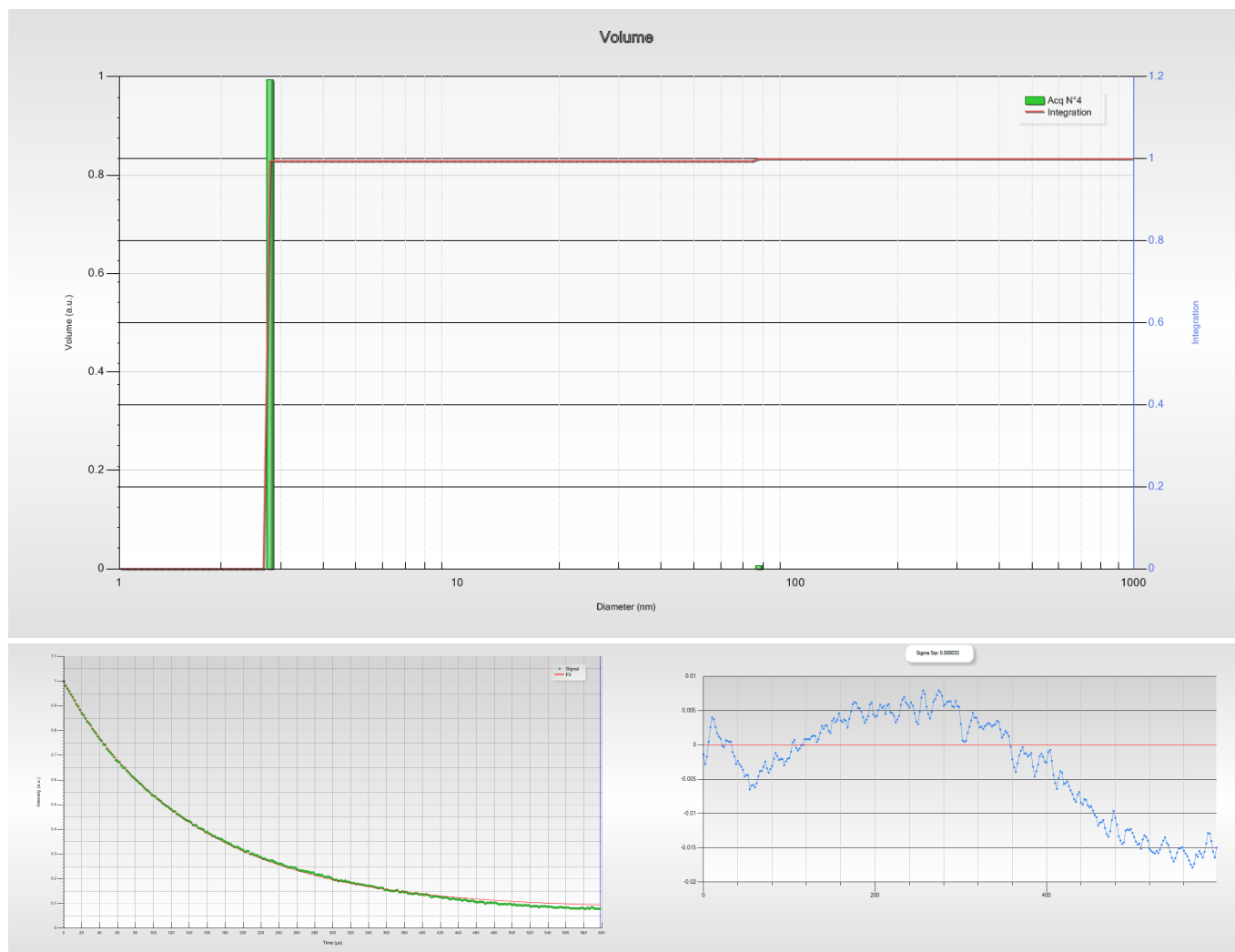
Dv 10%: *2.79 nm*   **Dv 50%:** *2.79 nm*   **Dv 90%:** *2.79 nm*
Mean Volume: *3.2 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
2.75	0.01	94589.8	17.89486E-011
76.5	0.95	3395.83	64.24358E-013

Dispersion datas

| Size (nm)	Volume	Size (nm)	Volume
2.79	0.99	77.91	0.01

Distribution statistics
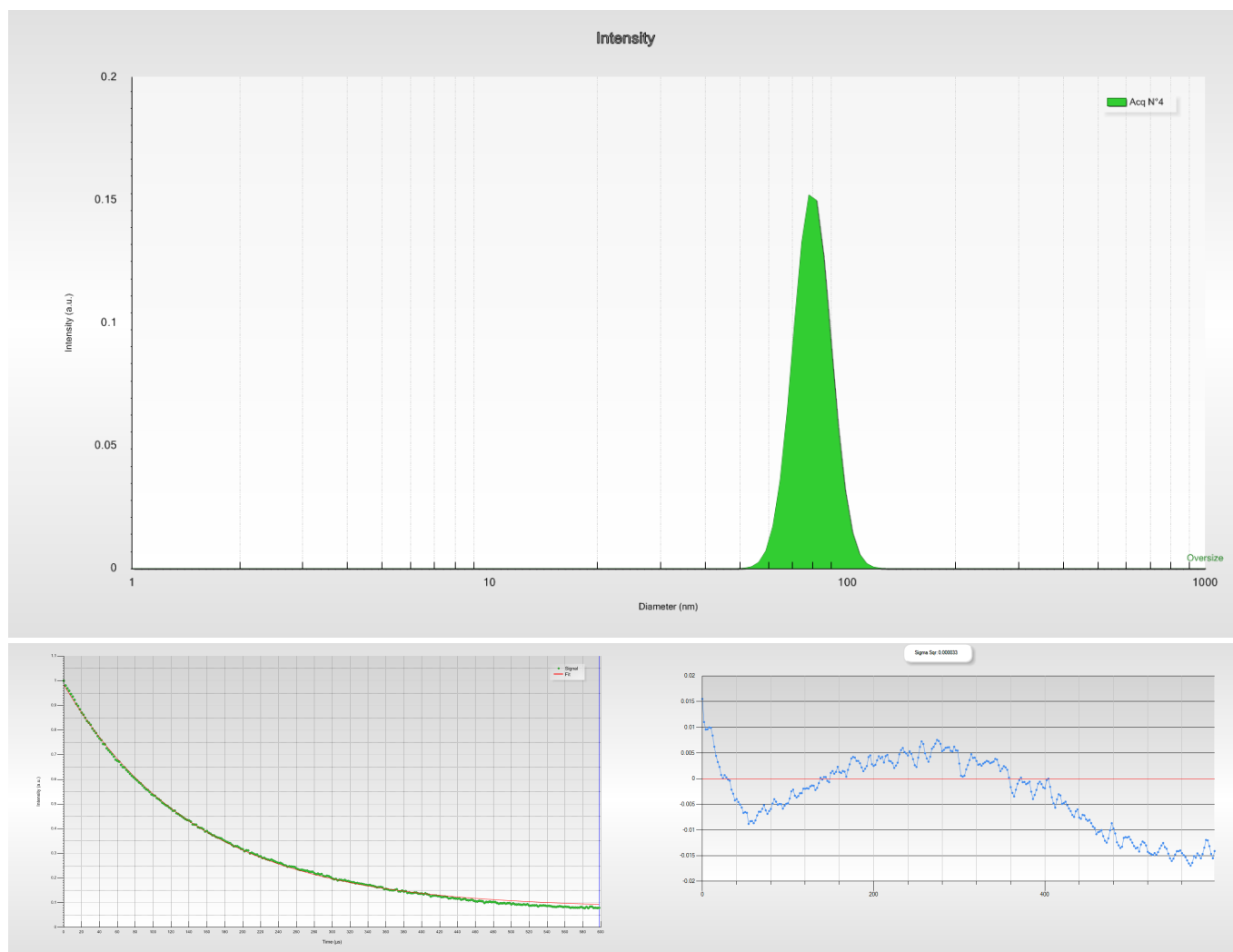
Di 10%: 67.81 nm   **Di 50%:** 77.91 nm   **Di 90%:** 93.73 nm

Mean Intensity: 79.96 nm

PDI : 0.05777   **Std Dev:** 12.02%

Detected size(s)

| Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
77.68	0.9	3344.32	63.26908E-013

Distribution statistics
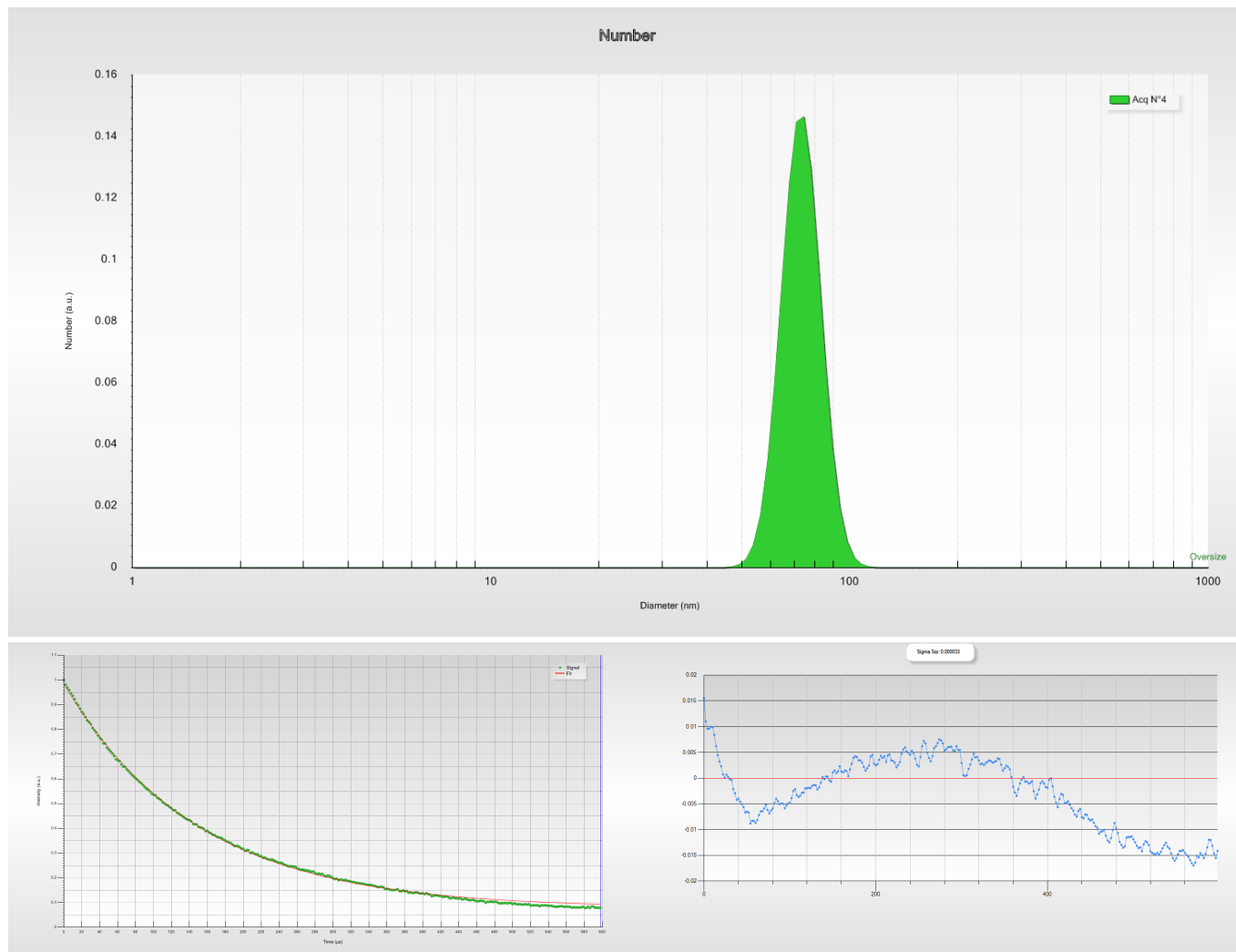
Dn 10%: *61.83 nm* **Dn 50%:** *74.39 nm* **Dn 90%:** *85.45 nm*

Mean Number: *73.54 nm*

PDI *: 0.05777* **Std Dev:** *12.02%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
77.68	0.9	3344.32	63.26908E-013

Distribution statistics
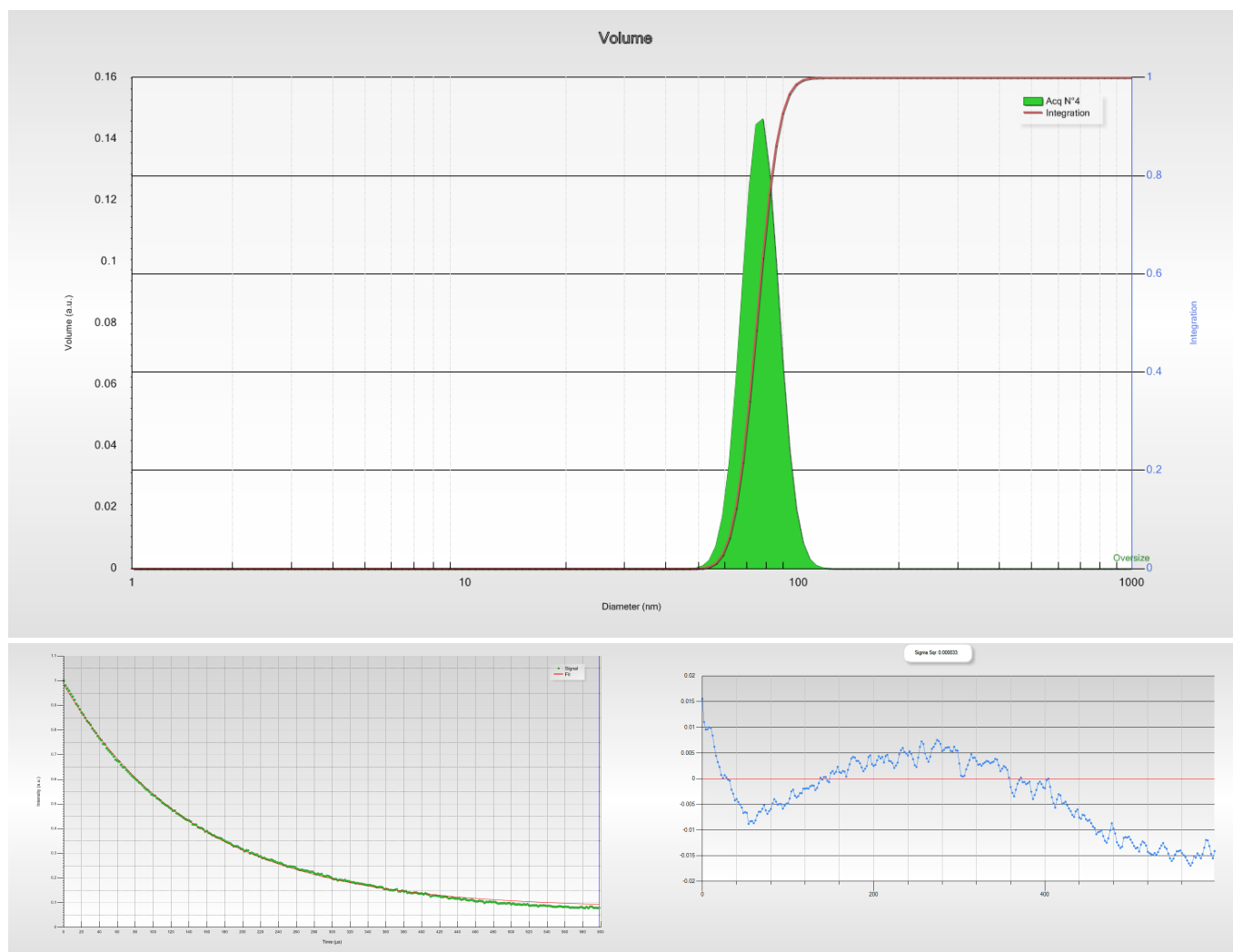
Dv 10%: 64.75 nm	**Dv 50%:** 77.91 nm	**Dv 90%:** 89.5 nm
Mean Volume: 77.03 nm		
PDI : 0.05777		**Std Dev:** 12.02%

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
77.68	0.9	3344.32	63.26908E-013

Distribution statistics
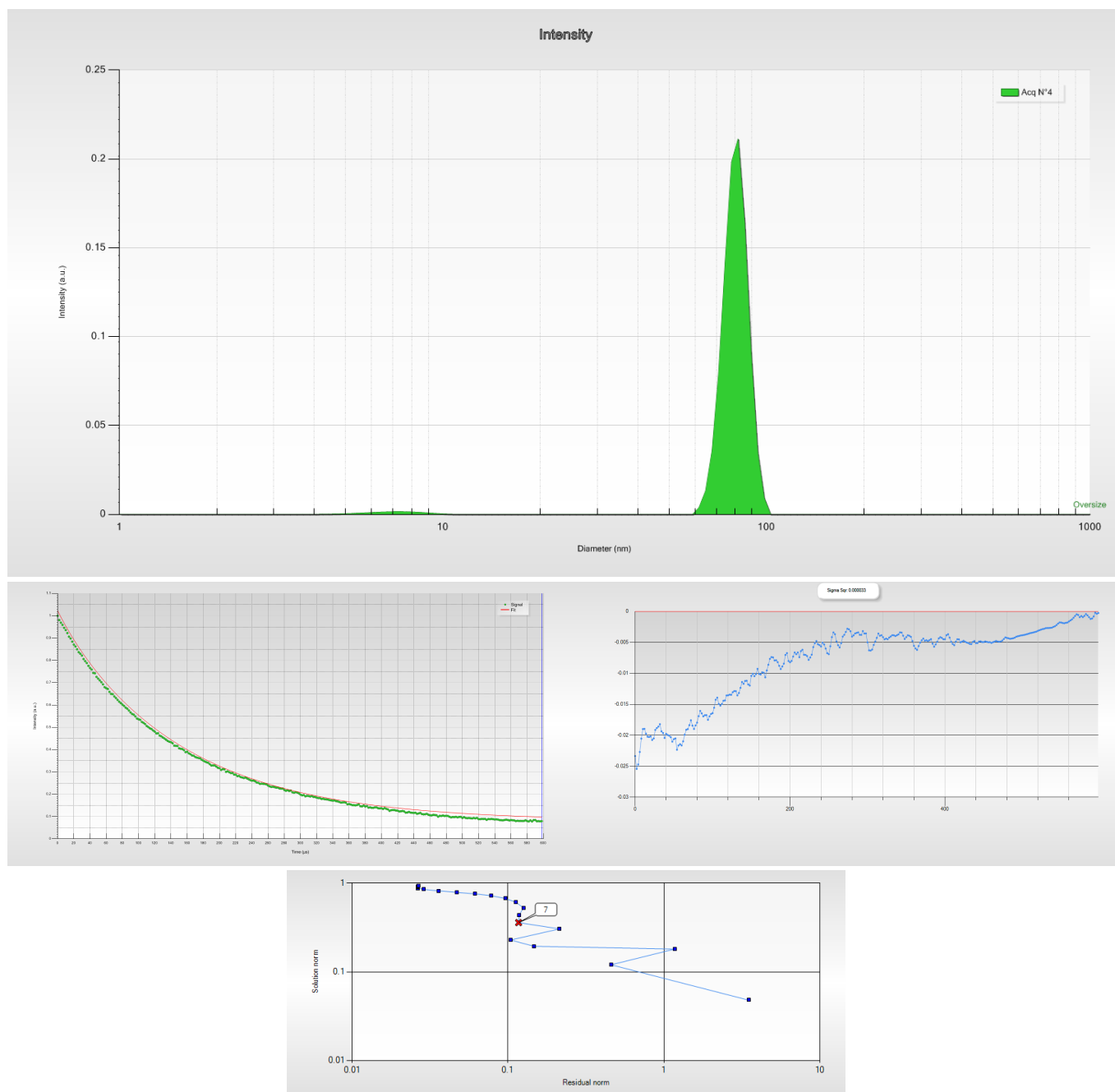
Di 10%: 71.02 nm	**Di 50%:** 81.59 nm	**Di 90%:** 89.5 nm
Mean Intensity: 78.88 nm		
Solution index: 7		

Peak : 1	**Mode:** 81.59 nm	**Mean:** 80.17 nm	**Dev.:** 9.24 %	**Intensity.:** 98.31 %
Peak : 2	**Mode:** 7.37 nm	**Mean:** 7.11 nm	**Dev.:** 19.94 %	**Intensity.:** 1.69 %

Distribution statistics
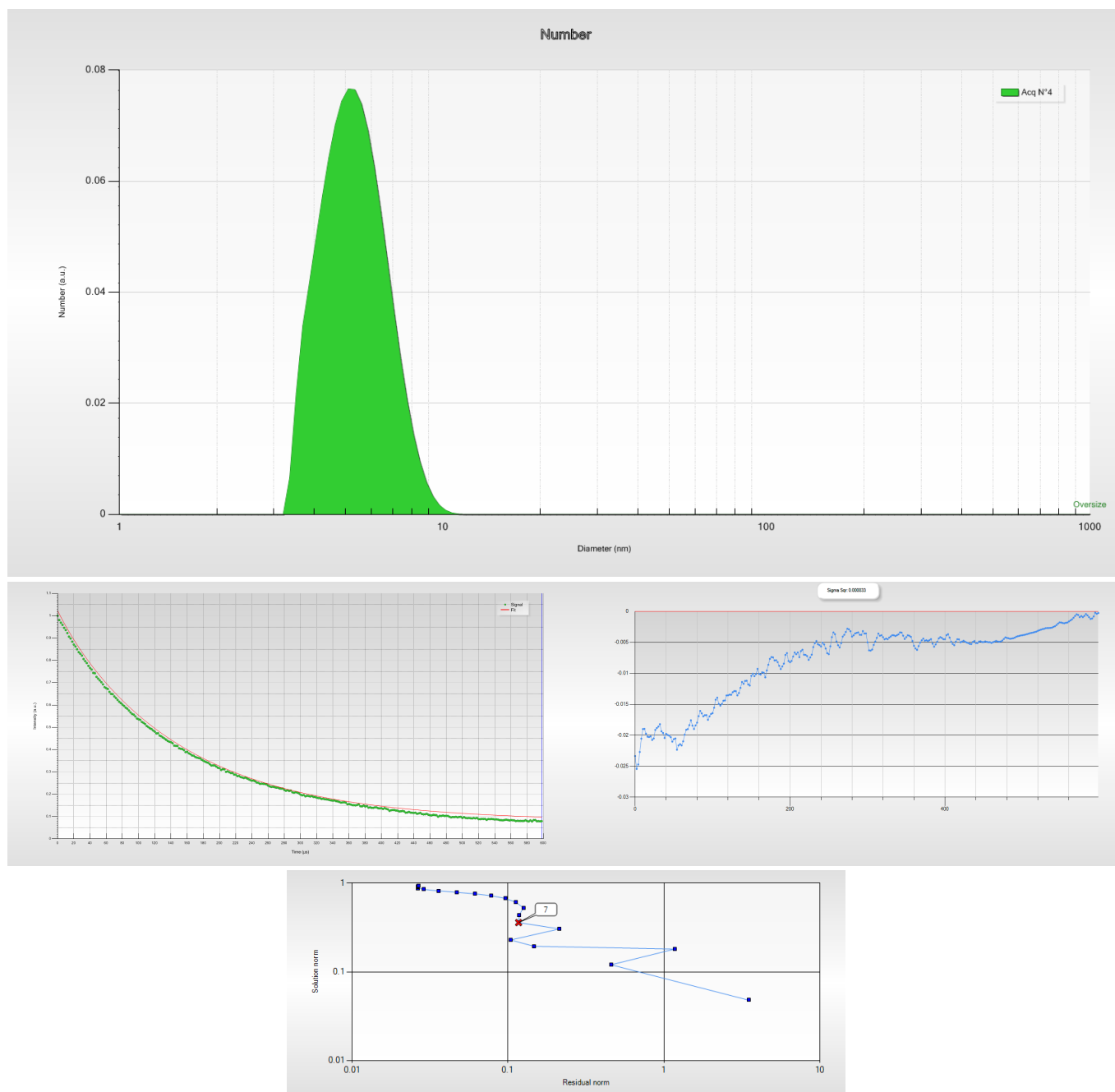
Dn 10%: *3.86 nm*   **Dn 50%:** *5.33 nm*   **Dn 90%:** *7.04 nm*
**Mean Number:** *5.39 nm*
Solution index: *7*

Peak : 1 | **Mode:** *5.09 nm*   **Mean:** *5.39 nm*   **Dev.:** *22.92 %*   **Intensity.:** *100 %*
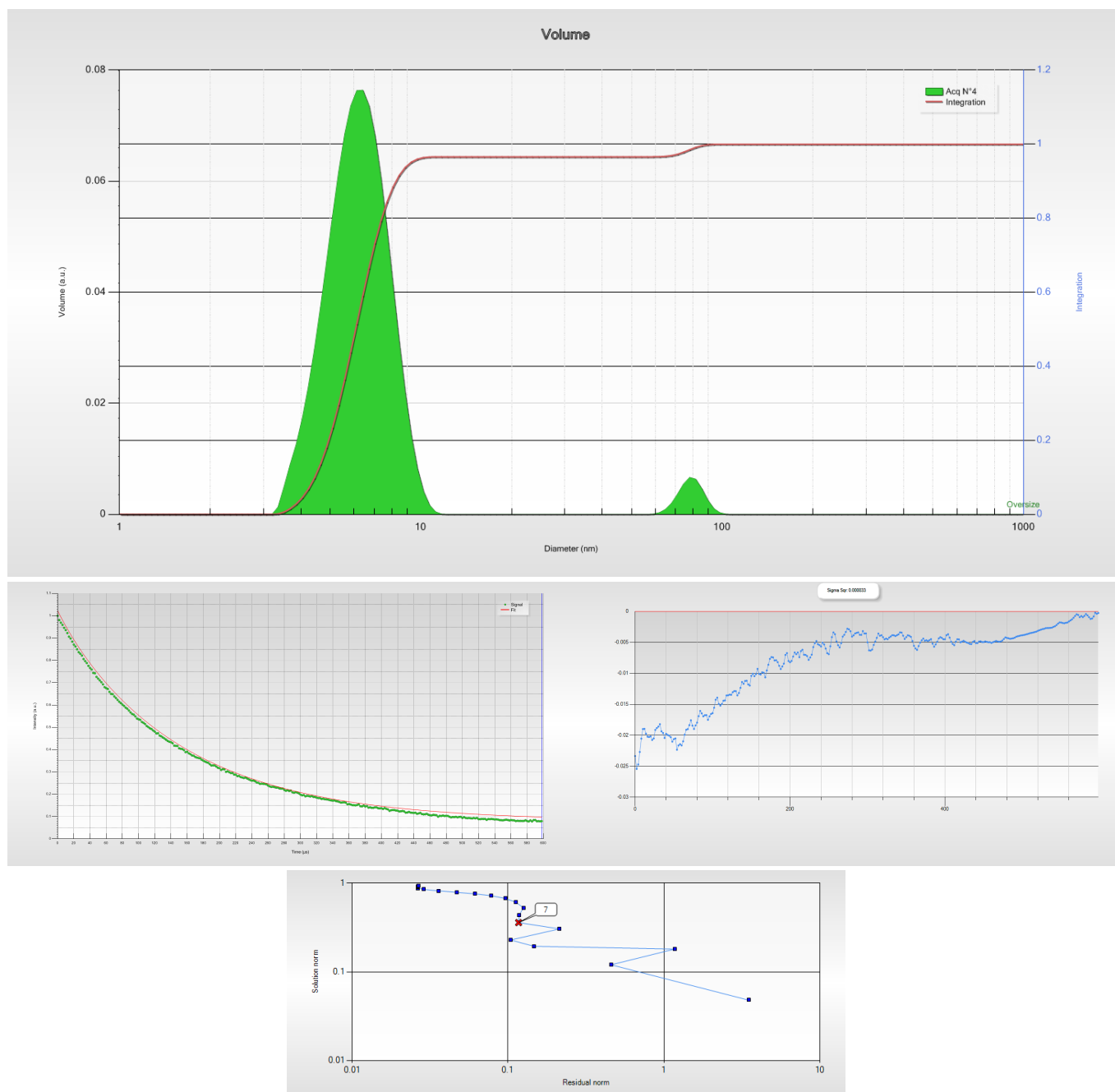
Distribution statistics

Dv 10%: 4.64 nm	**Dv 50%:** 6.13 nm	**Dv 90%:** 8.47 nm

Mean Volume: 8.72 nm

Solution index: 7

| **Peak : 1**	**Mode:** 6.42 nm	**Mean:** 6.26 nm	**Dev.:** 22.36 %	**Intensity.:** 96.6 %
Peak : 2	**Mode:** 77.91 nm	**Mean:** 78.82 nm	**Dev.:** 9.96 %	**Intensity.:** 3.4 %

Intensity

Dispersion statistics
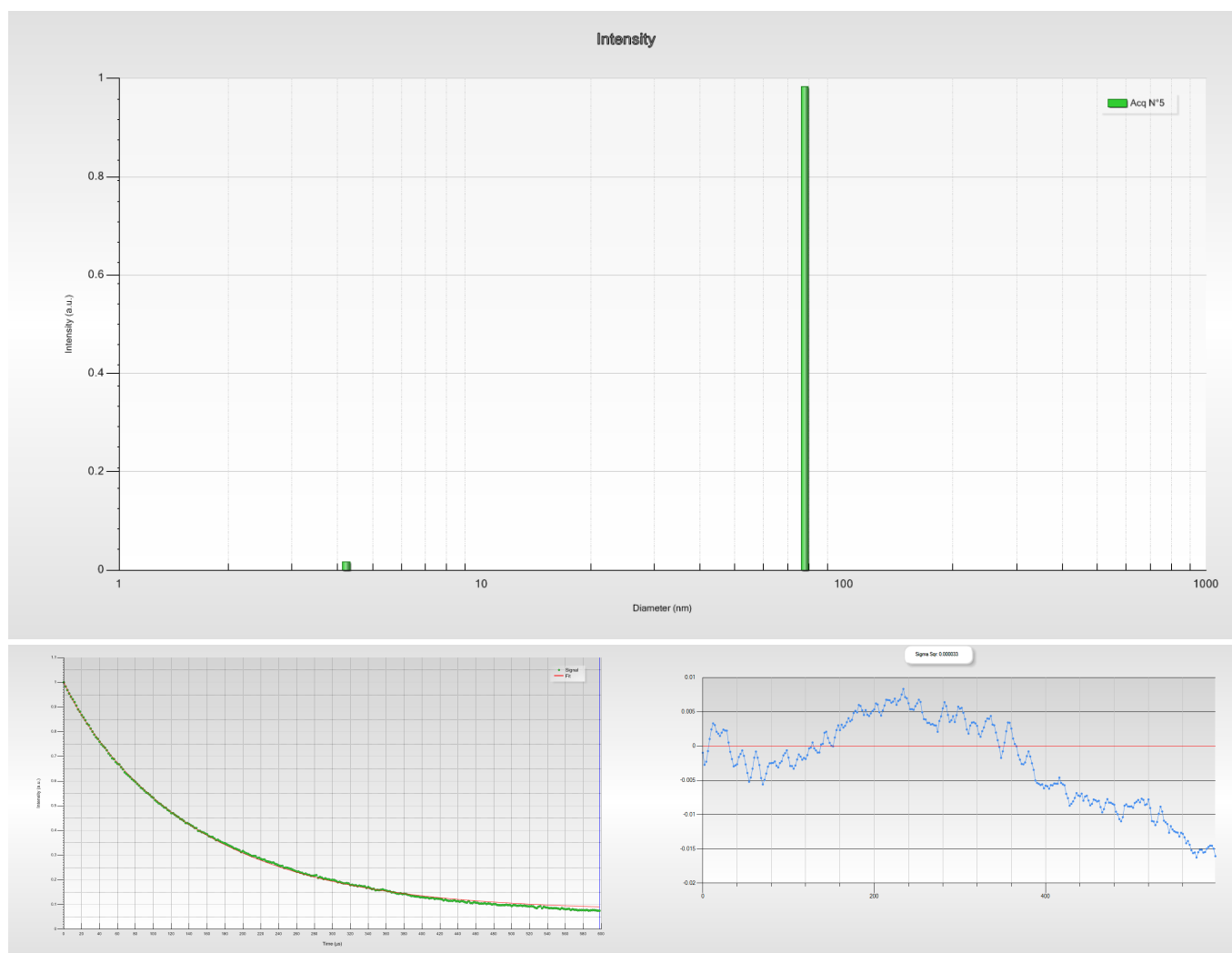
Di 10%: *77.91 nm*   **Di 50%:** *77.91 nm*   **Di 90%:** *77.91 nm*
Mean Intensity: *76.71 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.3	0.02	60411.74	11.42892E-011
77.26	0.95	3362.5	63.61296E-013

Dispersion datas

Size (nm)	Intensity	Size (nm)	Intensity
4.23	0.02	77.91	0.98
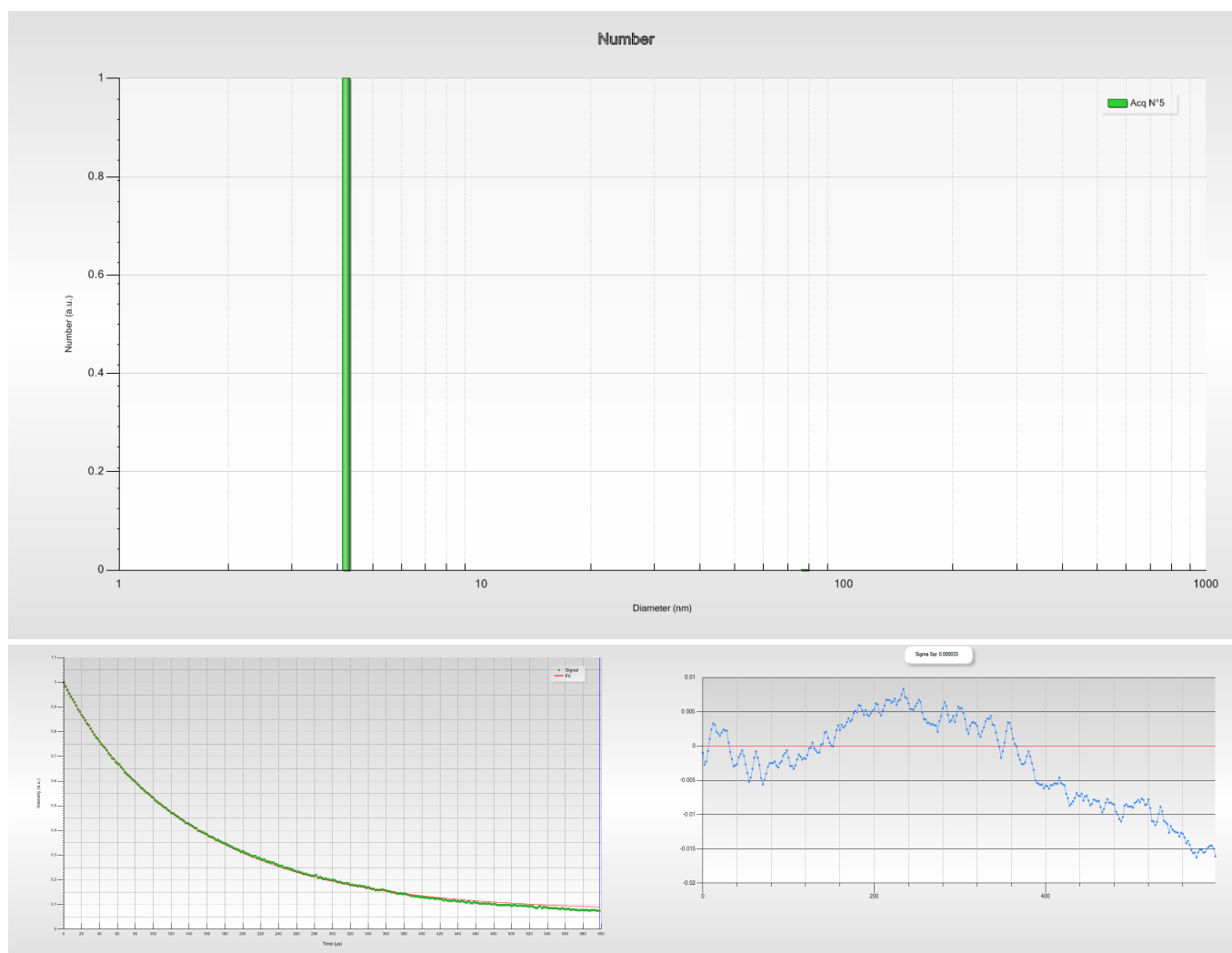
Dispersion statistics

Dn 10%: *4.23 nm*   **Dn 50%:** *4.23 nm*   **Dn 90%:** *4.23 nm*
Mean Number: *4.23 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.3	0.02	60411.74	11.42892E-011
77.26	0.95	3362.5	63.61296E-013

Dispersion datas

Size (nm)	Number
4.23	1
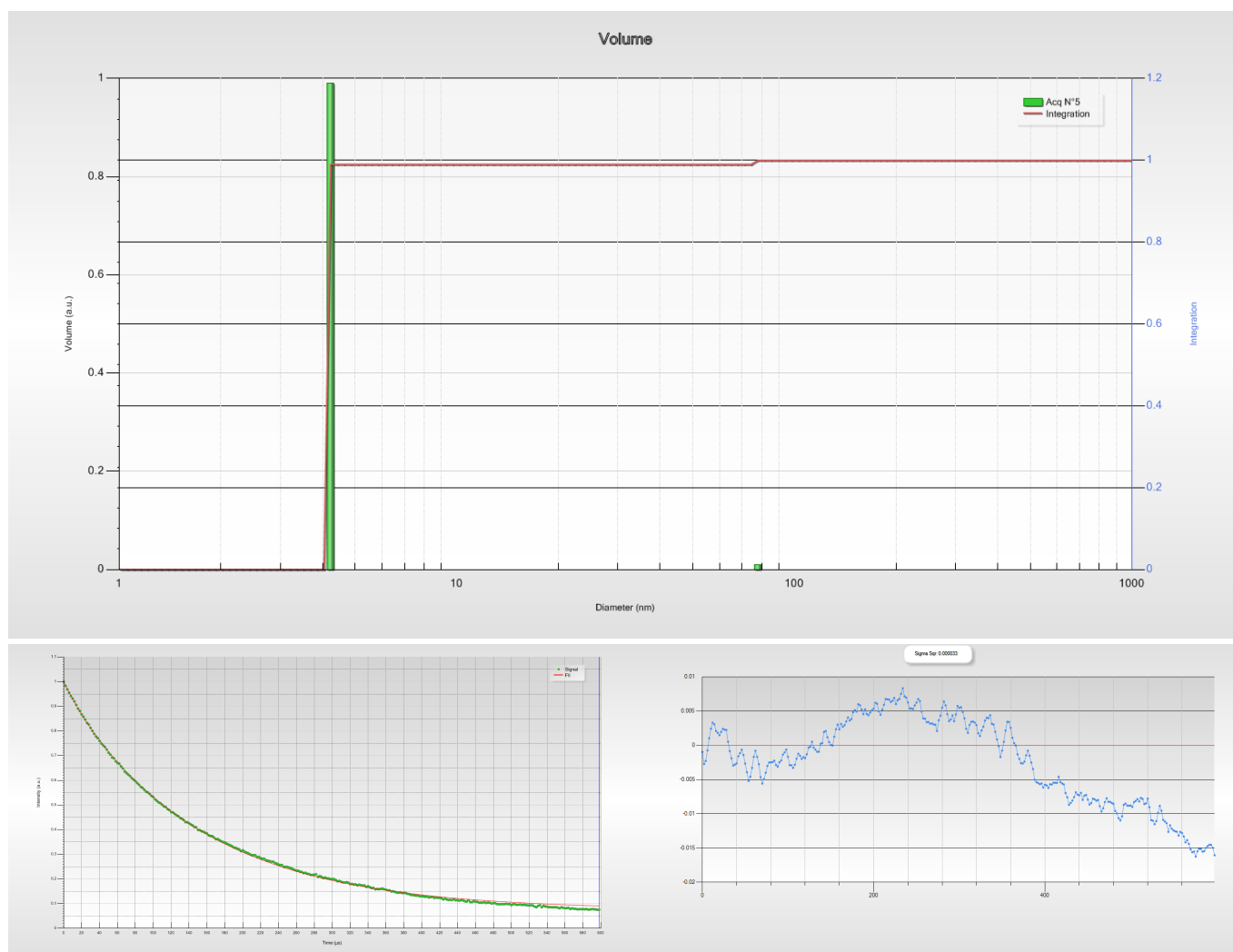
Dispersion statistics

Dv 10%: *4.23 nm*   **Dv 50%:** *4.23 nm*   **Dv 90%:** *4.23 nm*

Mean Volume: *4.99 nm*

Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
4.3	0.02	60411.74	11.42892E-011
77.26	0.95	3362.5	63.61296E-013

Dispersion datas

Size (nm)	Volume	Size (nm)	Volume
4.23	0.99	77.91	0.01

Distribution statistics
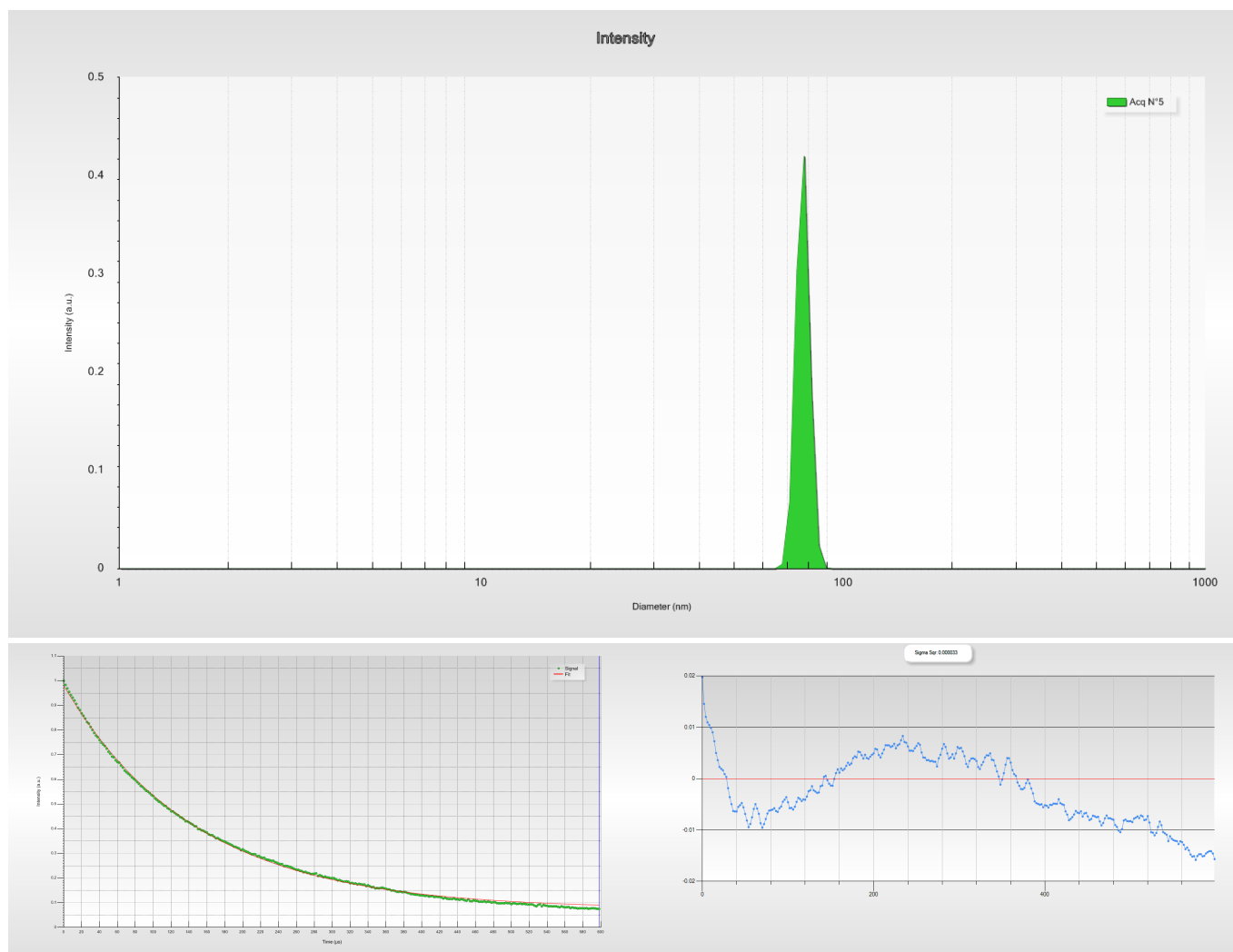
Di 10%: *74.39 nm*	**Di 50%:** *77.91 nm*	**Di 90%:** *81.59 nm*
Mean Intensity: *77.18 nm*		
PDI : *0.00729*		**Std Dev:** *4.27%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
76.88	0.91	3379.13	63.9277E-013
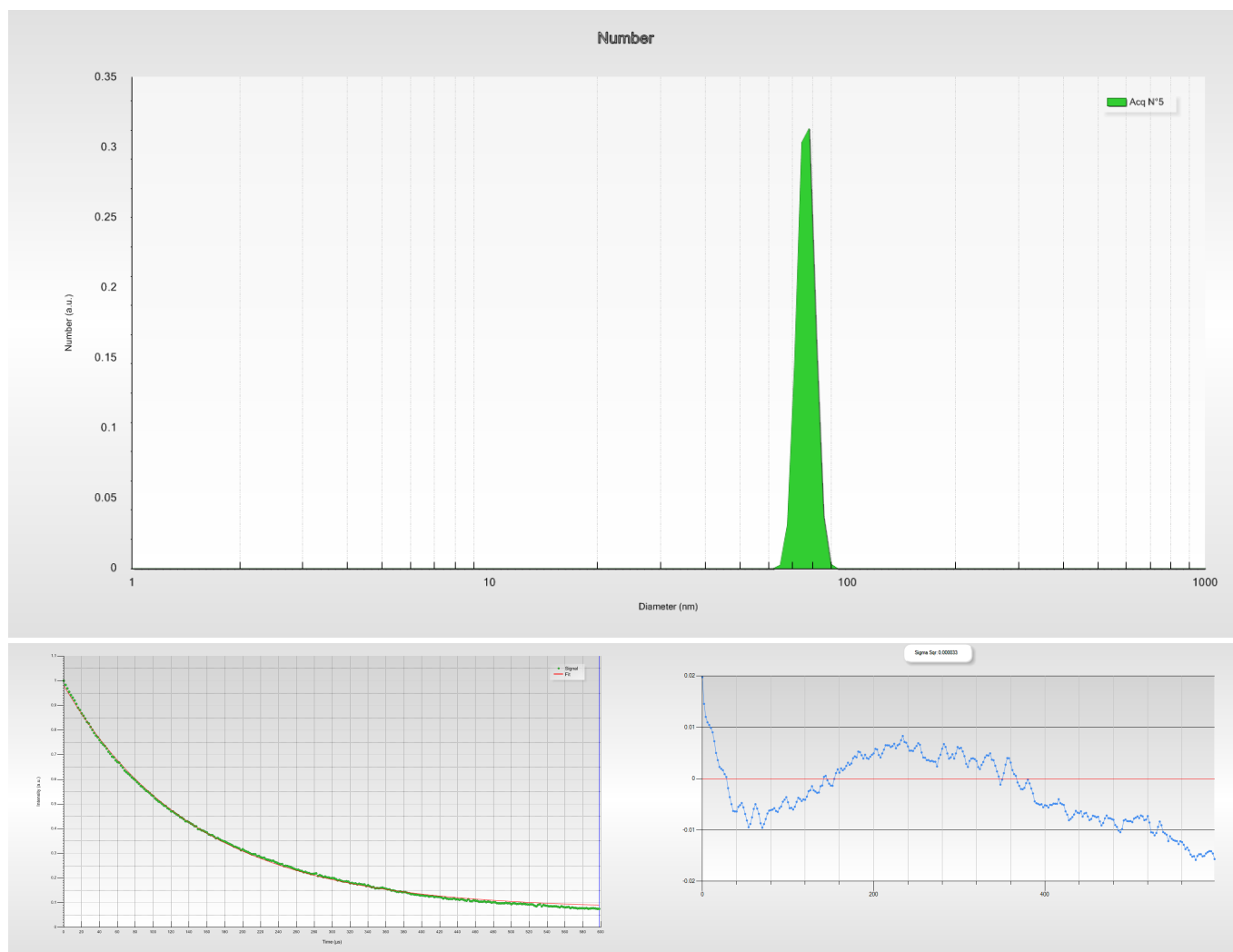
Distribution statistics

Dn 10%: *71.02 nm* **Dn 50%:** *77.91 nm* **Dn 90%:** *81.59 nm*
Mean Number: *76.4 nm*
PDI : *0.00729* **Std Dev:** *4.27%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
76.88	0.91	3379.13	63.9277E-013
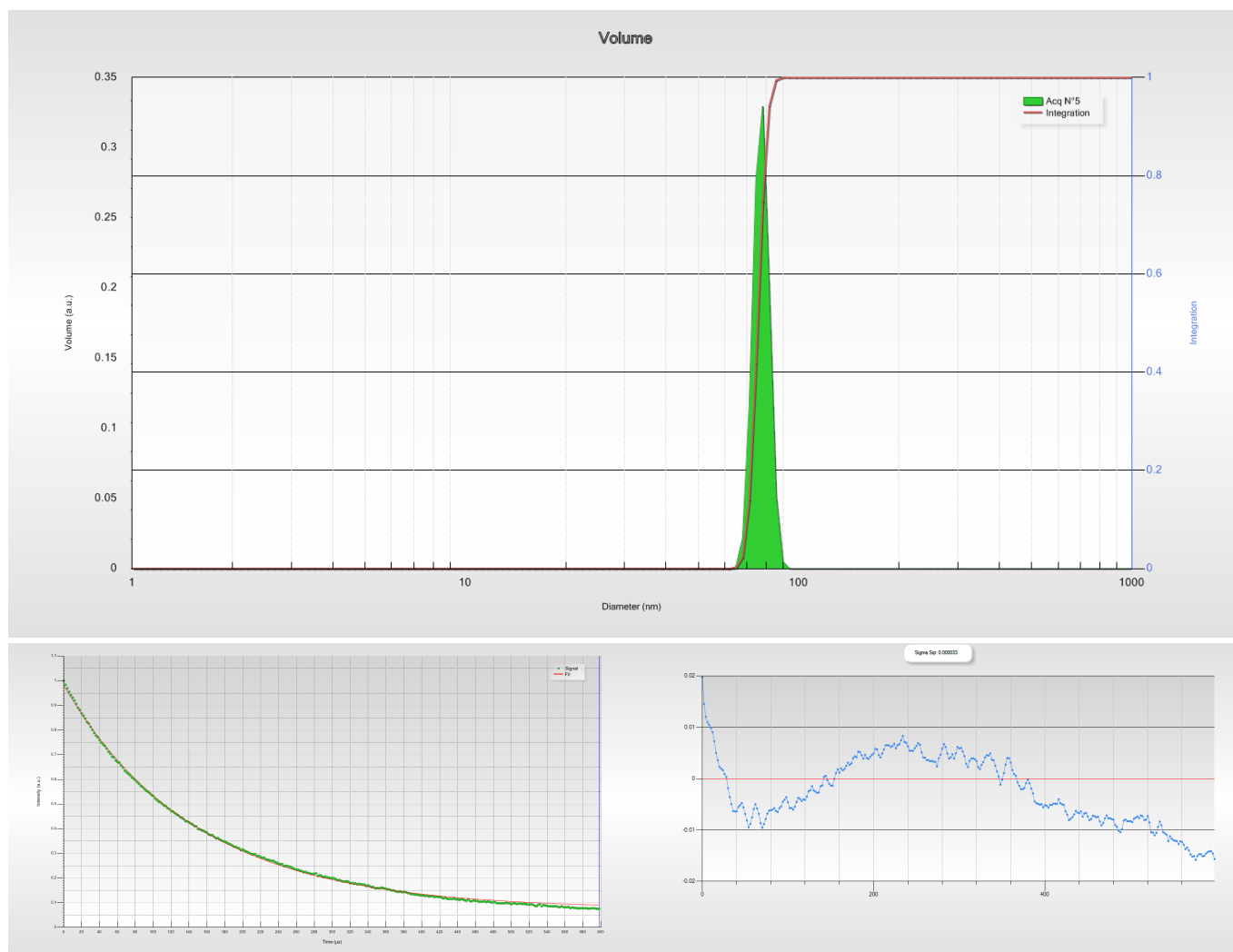
Distribution statistics

Dv 10%: *71.02 nm*	**Dv 50%:** *77.91 nm*	**Dv 90%:** *81.59 nm*
Mean Volume: *77.06 nm*		
PDI *: 0.00729*		**Std Dev:** *4.27%*

Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m²/s)
76.88	0.91	3379.13	63.9277E-013
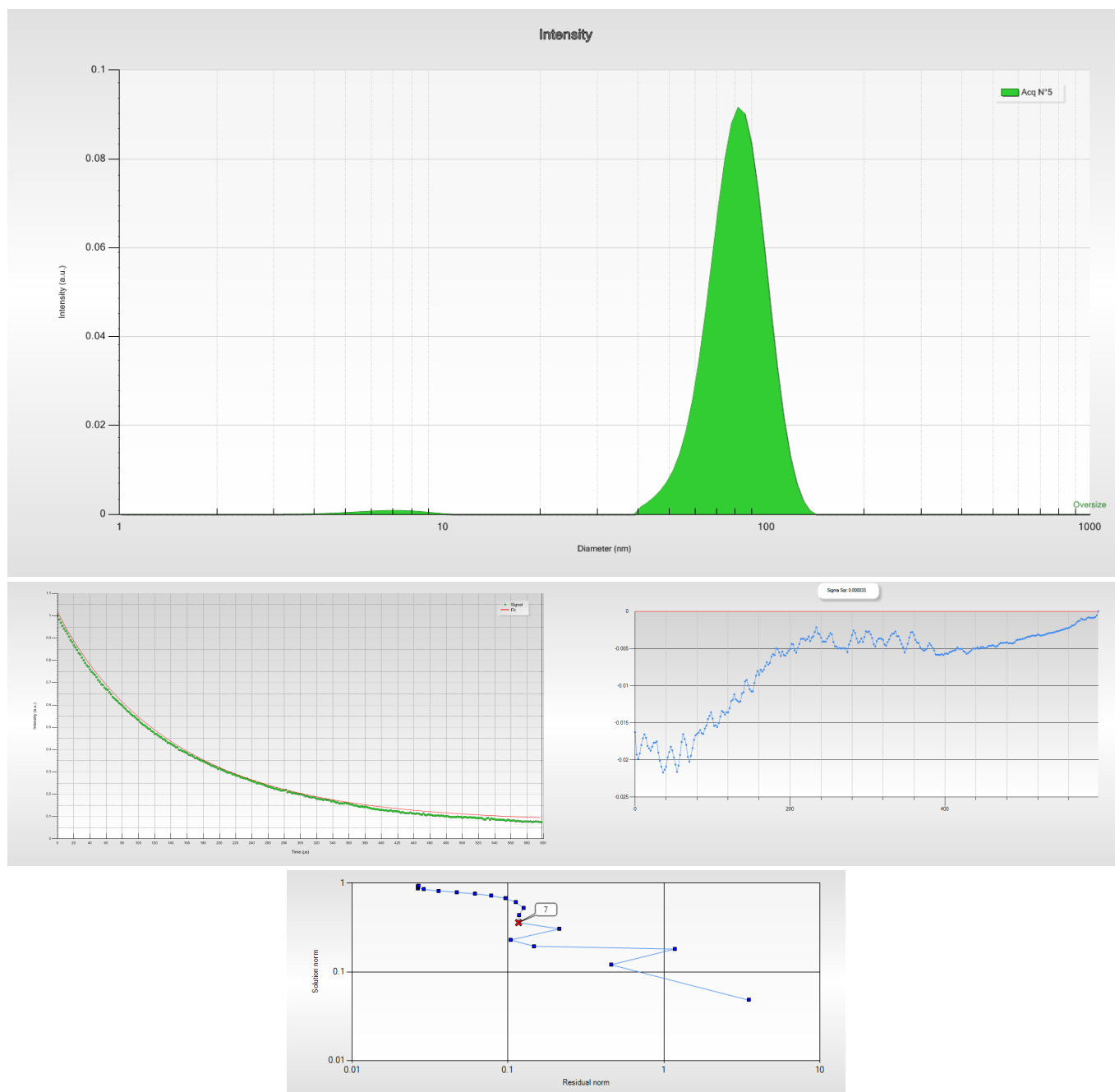
Distribution statistics

**Di 10%:** *59.03 nm* **Di 50%:** *81.59 nm* **Di 90%:** *102.81 nm*

Mean Intensity: *80.78 nm*

Solution index: *5*

Peak : 1	**Mode:** 81.59 nm	**Mean:** 81.71 nm	**Dev.:** 20.21 %	**Intensity.:** 98.84 %
Peak : 2	**Mode:** 7.04 nm	**Mean:** 6.71 nm	**Dev.:** 23.35 %	**Intensity.:** 1.16 %
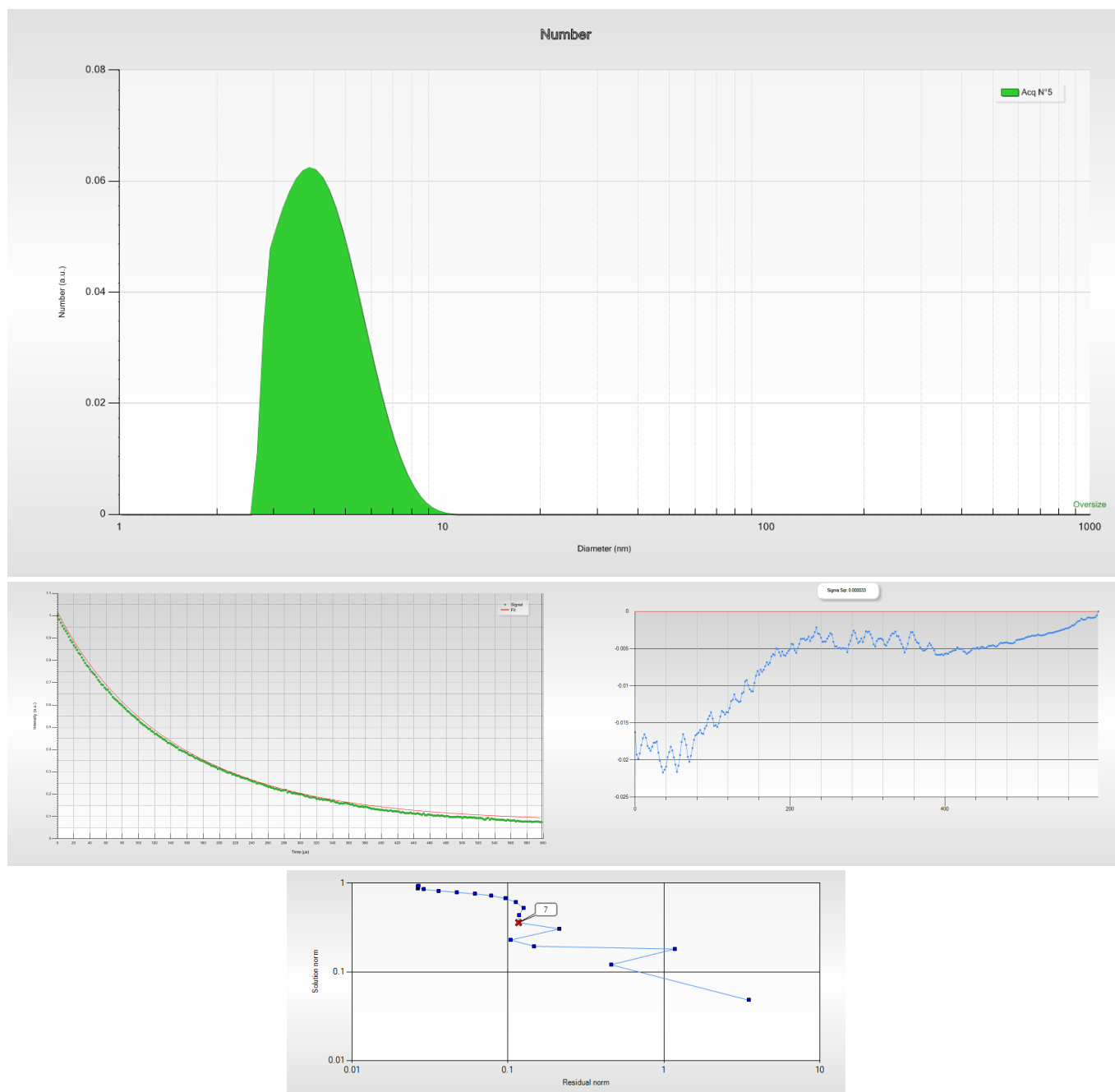
Distribution statistics

Dn 10%: 3.06 nm   **Dn 50%:** 4.04 nm   **Dn 90%:** 6.13 nm
**Mean Number:** 4.37 nm
Solution index: 5

Peak : 1 | **Mode:** 3.86 nm   **Mean:** 4.38 nm   **Dev.:** 28.41 %   **Intensity.:** 100 %
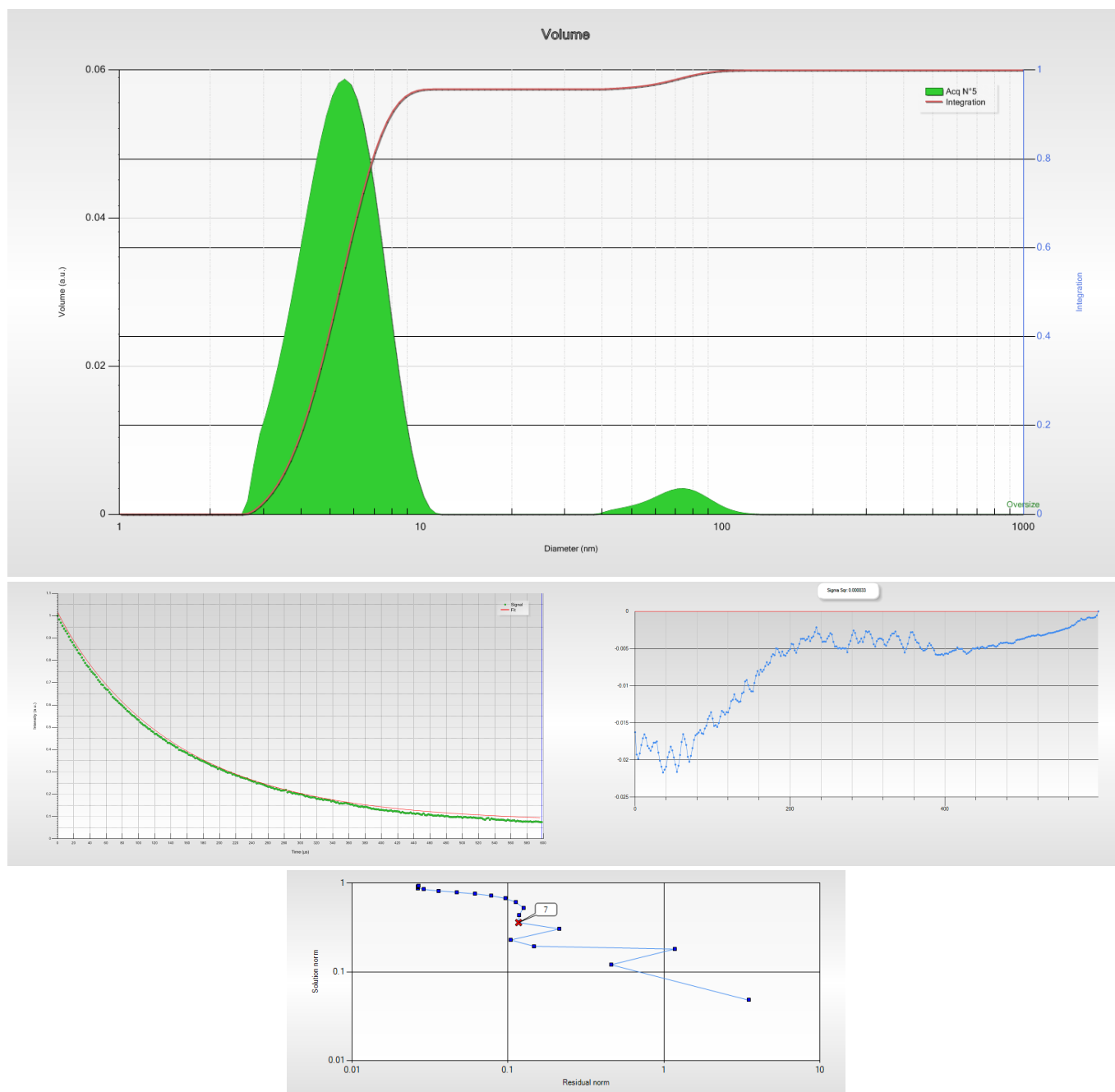
Distribution statistics

Dv 10%: 3.68 nm	Dv 50%: 5.58 nm	Dv 90%: 8.08 nm

Mean Volume: 8.37 nm

Solution index: 5

Peak : 1	Mode: 5.58 nm	Mean: 5.53 nm	Dev.: 27.98 %	Intensity.: 95.73 %
Peak : 2	Mode: 74.39 nm	Mean: 72.21 nm	Dev.: 22.67 %	Intensity.: 4.27 %