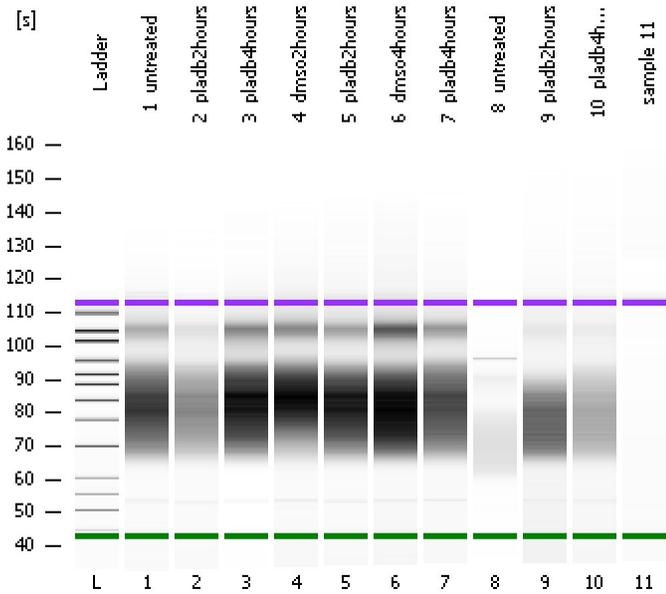


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

### Electrophoresis File Run Summary



#### Instrument Information:

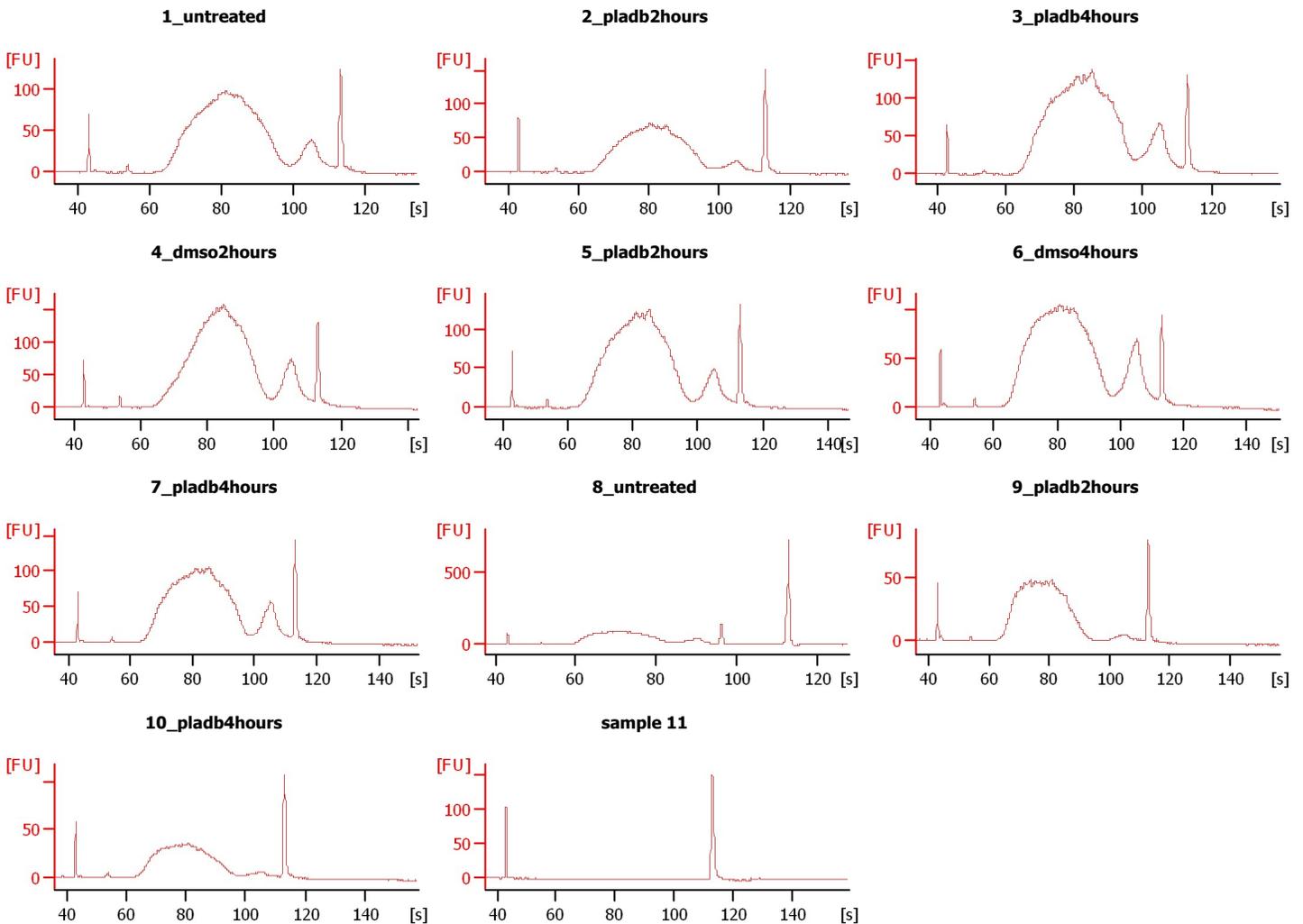
Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

#### Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy  
Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

#### Chip Information:

Chip Lot #:      Reagent Kit Lot #:      Chip Comments:



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1_untreated		<input type="checkbox"/>	✓			
2_pladb2hours		<input type="checkbox"/>	✓			
3_pladb4hours		<input type="checkbox"/>	✓			
4_dms02hours		<input type="checkbox"/>	✓			
5_pladb2hours		<input type="checkbox"/>	✓			
6_dms04hours		<input type="checkbox"/>	✓			
7_pladb4hours		<input type="checkbox"/>	✓			
8_untreated		<input type="checkbox"/>	✓			
9_pladb2hours		<input type="checkbox"/>	✓			
10_pladb4hours		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 32  
Maximum Visible Range [s] : 138  
Start Analysis Time Range [s] : 33  
End Analysis Time Range [s] : 137.5  
Ladder Concentration [pg/μl] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/μl] : 125  
Upper Marker Concentration [pg/μl] : 75  
Used Upper Marker for Quantitation  
Standard Curve Fit is Point to Point  
Show Data Aligned to Lower and Upper Marker

**Integrator Settings**

Integration Start Time [s] : 33.05  
Integration End Time [s] : 137  
Slope Threshold : 0.8  
Height Threshold [FU] : 5  
Area Threshold : 0.1  
Width Threshold [s] : 0.6  
Baseline Plateau [s] : 0.5

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

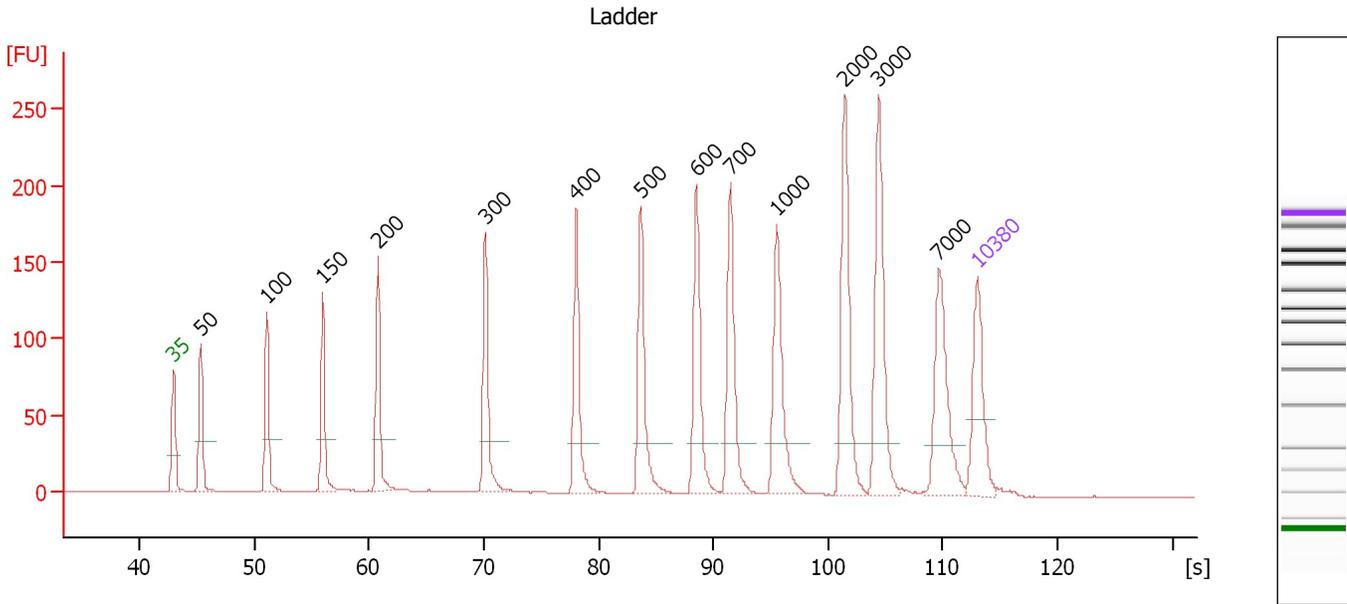
**Ladder**

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

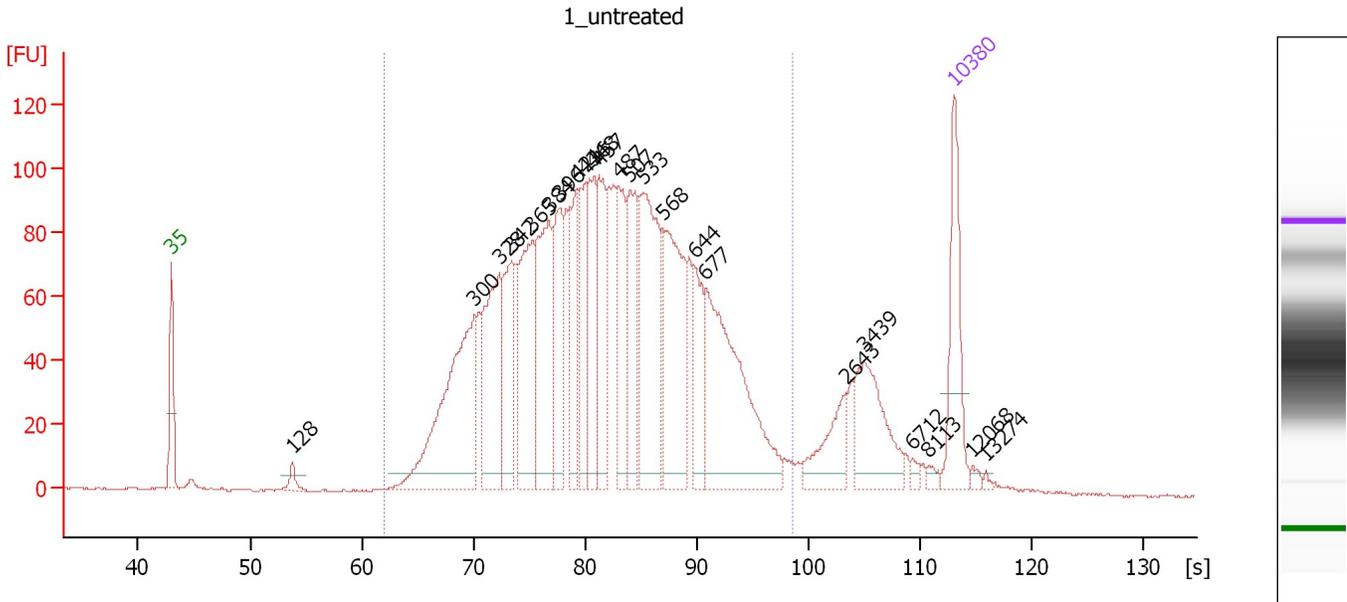
**Peak table for Ladder**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.37
3	100	150.00	2,272.7	Ladder Peak	51.10
4	150	150.00	1,515.2	Ladder Peak	55.99
5	200	150.00	1,136.4	Ladder Peak	60.78
6	300	150.00	757.6	Ladder Peak	70.13
7	400	150.00	568.2	Ladder Peak	78.05
8	500	150.00	454.5	Ladder Peak	83.68
9	600	150.00	378.8	Ladder Peak	88.57
10	700	150.00	324.7	Ladder Peak	91.50
11	1,000	150.00	227.3	Ladder Peak	95.55
12	2,000	150.00	113.6	Ladder Peak	101.46
13	3,000	150.00	75.8	Ladder Peak	104.39
14	7,000	150.00	32.5	Ladder Peak	109.65
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 1\_untreated**

Number of peaks found: 23                      Corr. Area 1: 2,706.2  
 Noise: 0.2

**Peak table for sample 1 : 1\_untreated**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	128	15.16	179.9		53.81
3	300	272.25	1,376.1		70.11
4	328	167.16	771.9		72.36
5	342	107.31	475.4		73.46
6	365	152.64	633.7		75.27
7	384	163.33	645.0		76.76
8	396	102.56	392.6		77.71
9	421	84.59	304.3		79.24
10	436	76.55	266.2		80.06
11	448	99.06	334.7		80.77
12	457	97.97	324.9		81.25
13	487	92.82	288.5		82.97
14	507	110.20	329.3		84.02
15	533	192.72	548.3		85.27
16	568	170.59	455.2		86.99
17	644	62.60	147.2		89.86
18	677	244.12	546.6		90.81
19	2,643	47.62	27.3		103.34
20	3,439	83.61	36.8		104.97
21	6,712	4.82	1.1		109.27
22	8,113	5.26	1.0		110.75
23	10,380	75.00	10.9	Upper Marker	113.00
24	12,068	0.00	0.0		114.67
25	13,274	0.00	0.0		115.87

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**

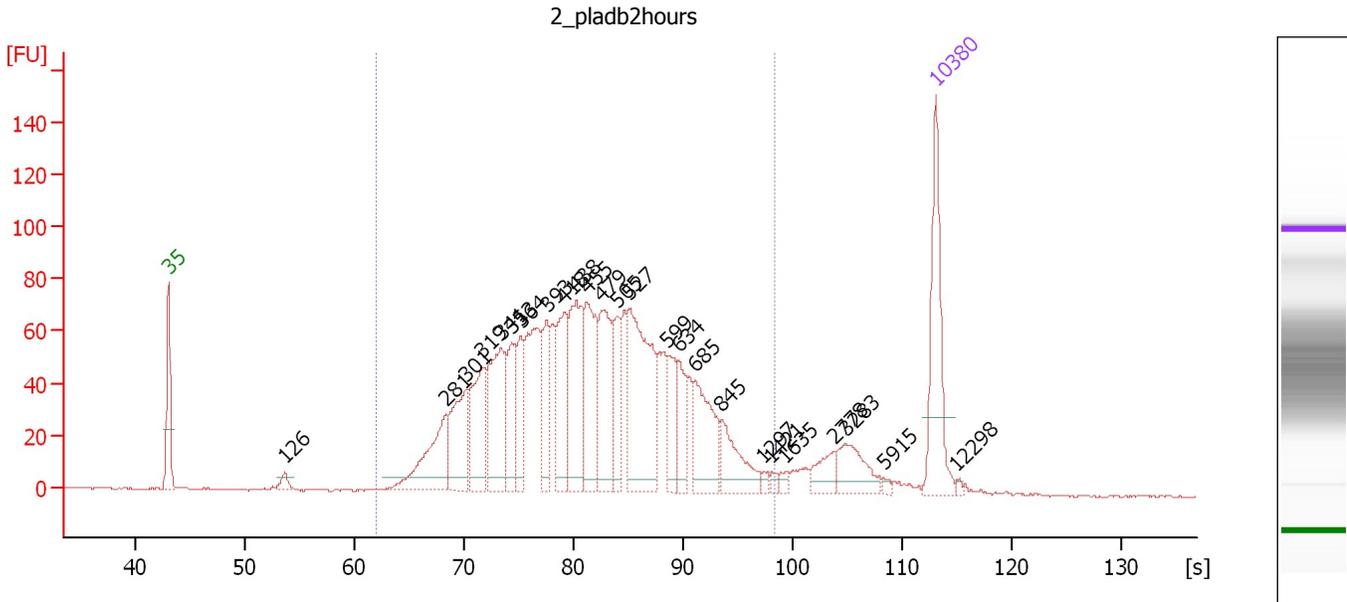
... Region table for sample 1 : 1\_untreated

From [s]	To [s]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
62.08	98.62	494	2,546.86	2,706.2	9,104.8	 90	37.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 2\_ pladb2hours**

Number of peaks found: 25                      Corr. Area 1: 1,913.0  
 Noise: 0.3

**Peak table for sample 2 : 2\_ pladb2hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	126	11.45	137.8		53.63
3	281	87.93	474.3		68.35
4	301	80.52	405.5		70.20
5	319	83.86	398.7		71.61
6	341	103.26	459.0		73.37
7	353	55.55	238.7		74.30
8	364	50.43	210.1		75.17
9	393	58.05	223.7		77.51
10	418	76.00	275.3		79.07
11	438	100.08	346.1		80.19
12	455	90.19	300.0		81.17
13	479	89.64	283.7		82.48
14	505	46.20	138.7		83.90
15	527	150.20	431.5		85.02
16	599	37.32	94.4		88.53
17	634	34.31	82.0		89.55
18	685	71.71	158.6		91.06
19	845	44.37	79.6		93.45
20	1,297	4.08	4.8		97.30
21	1,421	3.88	4.1		98.03
22	1,635	4.59	4.3		99.30
23	2,778	17.64	9.6		103.74
24	3,283	32.15	14.8		104.76
25	5,915	2.76	0.7		108.22

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...****... Peak table for sample 2 : 2\_pladb2hours**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	12,298	0.00	0.0		114.90

**Region table for sample 2 : 2\_pladb2hours**

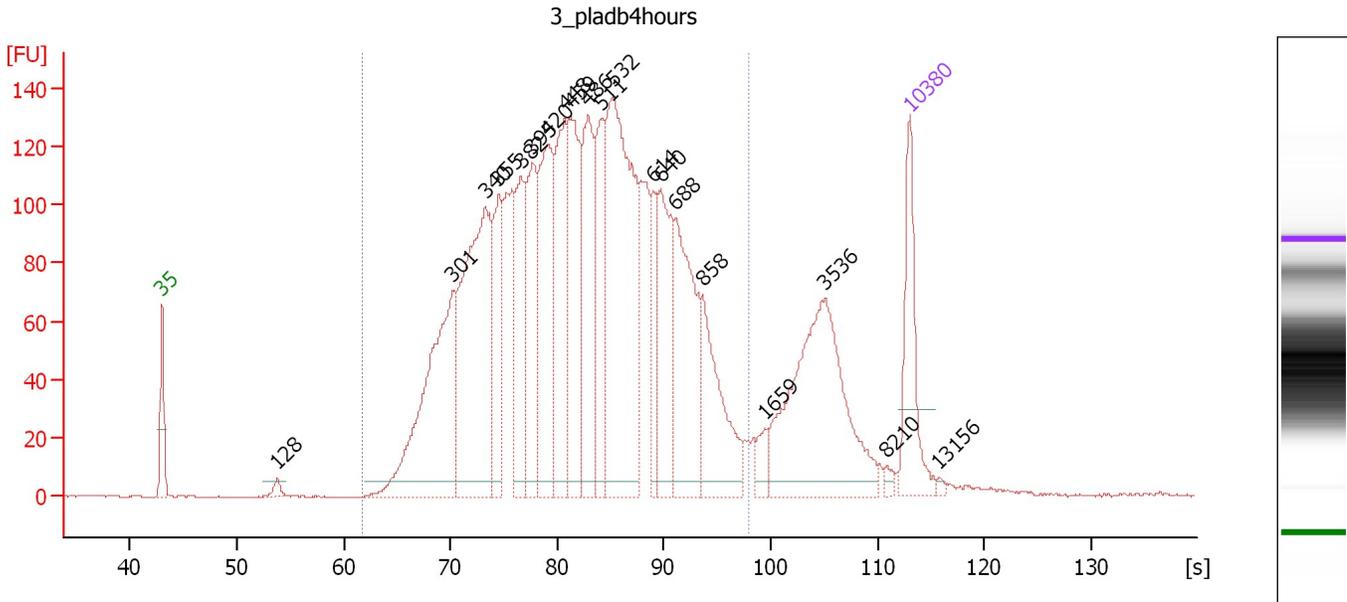
From [s]	To [s]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
61.98	98.22	485	1,508.57	1,913.0	5,430.2	93	35.5



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 3\_pladb4hours**

Number of peaks found: 20                      Corr. Area 1: 3,570.6  
 Noise: 0.2

**Peak table for sample 3 : 3\_pladb4hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	128	10.11	120.0		53.81
3	301	294.19	1,480.5		70.22
4	340	340.14	1,517.3		73.27
5	355	108.76	463.6		74.52
6	382	110.35	437.6		76.62
7	395	134.41	515.2		77.67
8	420	179.77	648.4		79.18
9	448	156.17	528.7		80.73
10	459	156.84	517.6		81.38
11	486	153.57	479.0		82.88
12	511	102.52	303.8		84.23
13	532	360.47	1,027.1		85.23
14	614	56.07	138.3		88.98
15	640	124.23	294.2		89.73
16	688	169.68	373.9		91.13
17	858	110.51	195.0		93.64
18	1,659	15.59	14.2		99.44
19	3,536	222.43	95.3		105.09
20	8,210	5.29	1.0		110.85
21	10,380	75.00	10.9	Upper Marker	113.00
22	13,156	0.00	0.0		115.75

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**

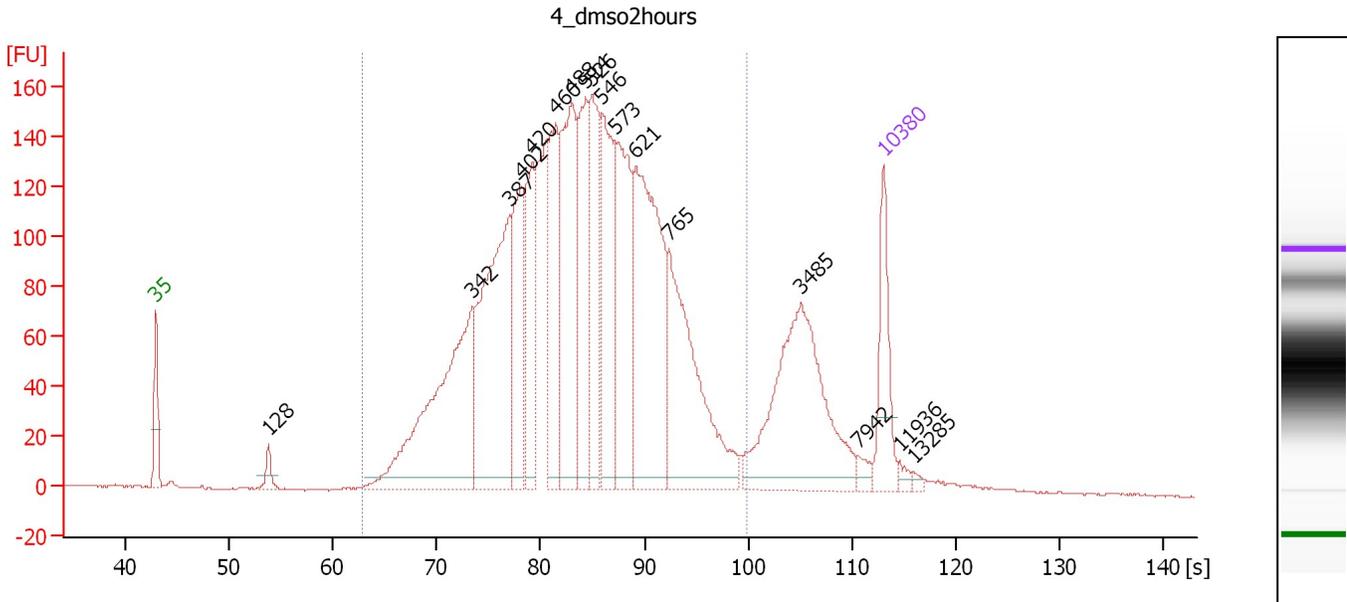
... Region table for sample 3 : 3\_pladb4hours

From [s]	To [s]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
61.79	97.94	501	2,831.86	3,570.6	9,942.1	 89	35.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 4\_dms02hours**

Number of peaks found: 17                      Corr. Area 1: 3,685.1  
 Noise: 0.5

**Peak table for sample 4 : 4\_dms02hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	128	23.20	275.4		53.80
3	342	409.06	1,812.9		73.45
4	387	373.06	1,459.1		77.05
5	402	170.79	643.1		78.18
6	420	146.46	528.7		79.16
7	460	160.96	530.3		81.42
8	488	277.44	861.0		83.01
9	514	171.78	506.6		84.35
10	526	170.19	489.9		84.97
11	546	197.85	548.6		85.95
12	573	217.13	574.4		87.23
13	621	349.87	853.4		89.19
14	765	277.97	550.5		92.38
15	3,485	266.01	115.6		105.03
16	7,942	11.16	2.1		110.58
17	10,380	75.00	10.9	Upper Marker	113.00
18	11,936	0.00	0.0		114.54
19	13,285	0.00	0.0		115.88

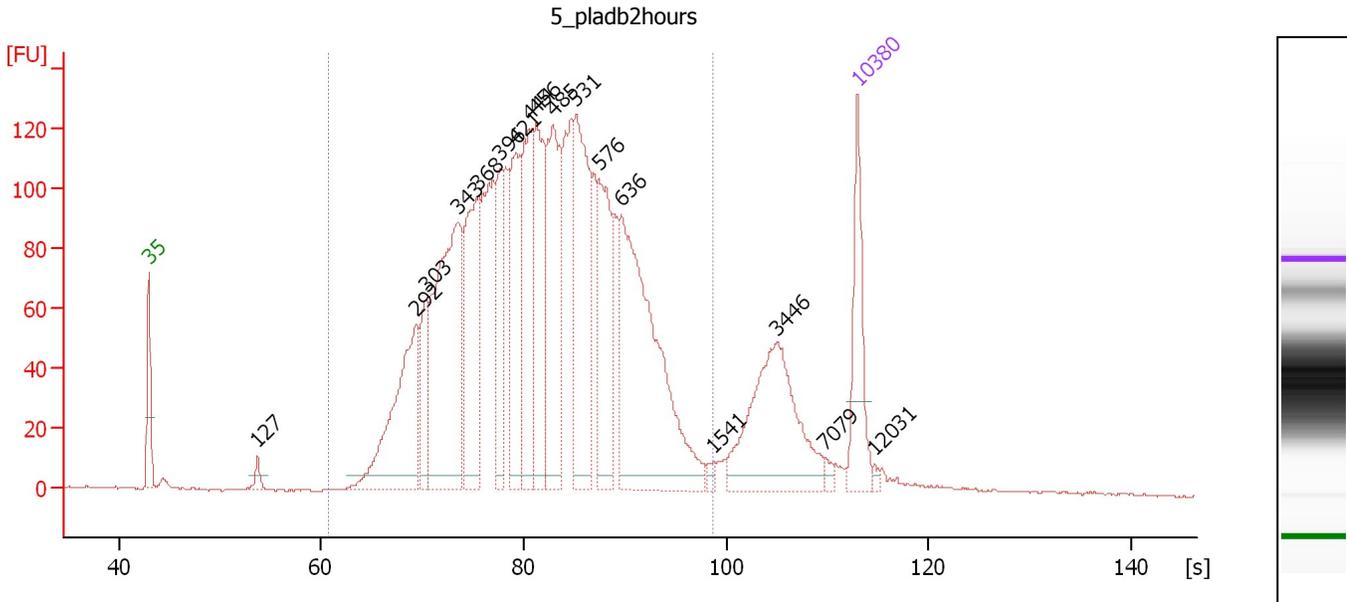
**Region table for sample 4 : 4\_dms02hours**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
62.88	99.77	537	3,190.36	3,685.1	10,468.6	87	38.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 5\_pladb2hours**

Number of peaks found: 17                      Corr. Area 1: 3,190.2  
 Noise: 0.2

**Peak table for sample 5 : 5\_pladb2hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	127	14.43	172.5		53.72
3	292	226.71	1,178.2		69.34
4	303	77.18	385.5		70.40
5	343	341.27	1,508.8		73.51
6	368	193.90	798.2		75.52
7	396	83.60	319.8		77.74
8	421	144.31	519.7		79.21
9	444	150.14	512.2		80.53
10	456	157.47	522.8		81.22
11	485	198.61	619.9		82.86
12	531	204.58	584.0		85.18
13	576	138.64	364.6		87.40
14	636	358.07	853.4		89.61
15	1,541	4.39	4.3		98.75
16	3,446	168.23	74.0		104.98
17	7,079	5.96	1.3		109.73
18	10,380	75.00	10.9	Upper Marker	113.00
19	12,031	0.00	0.0		114.64

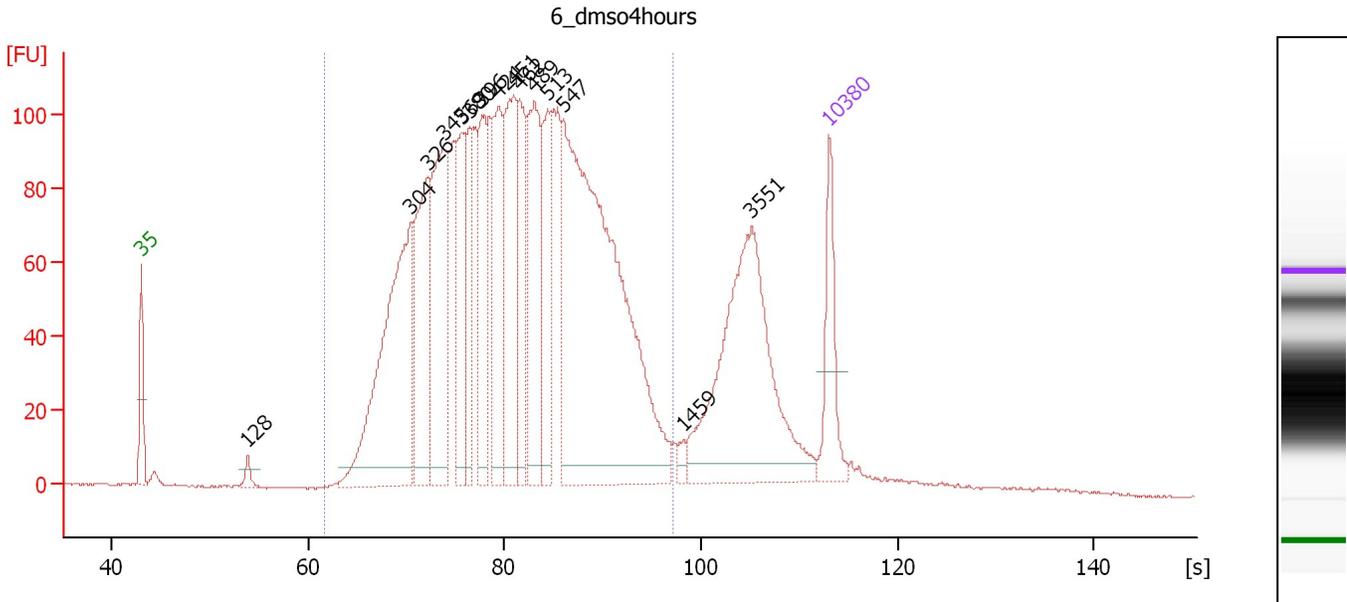
**Region table for sample 5 : 5\_pladb2hours**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.78	98.67	492	2,828.59	3,190.2	10,020.4	90	35.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : 6\_dms04hours**

Number of peaks found: 15                      Corr. Area 1: 2,969.5  
 Noise: 0.3

**Peak table for sample 6 : 6\_dms04hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	128	16.95	200.9		53.82
3	304	449.82	2,240.4		70.47
4	326	218.36	1,016.4		72.15
5	345	285.86	1,253.8		73.73
6	369	133.30	547.6		75.58
7	380	107.22	427.7		76.45
8	396	130.60	499.3		77.76
9	424	178.59	638.5		79.39
10	451	212.01	712.5		80.91
11	462	136.09	445.9		81.56
12	489	208.76	647.5		83.03
13	513	133.57	394.2		84.34
14	547	817.00	2,263.6		85.97
15	1,459	9.13	9.5		98.26
16	3,551	338.57	144.5		105.11
17	10,380	75.00	10.9	Upper Marker	113.00

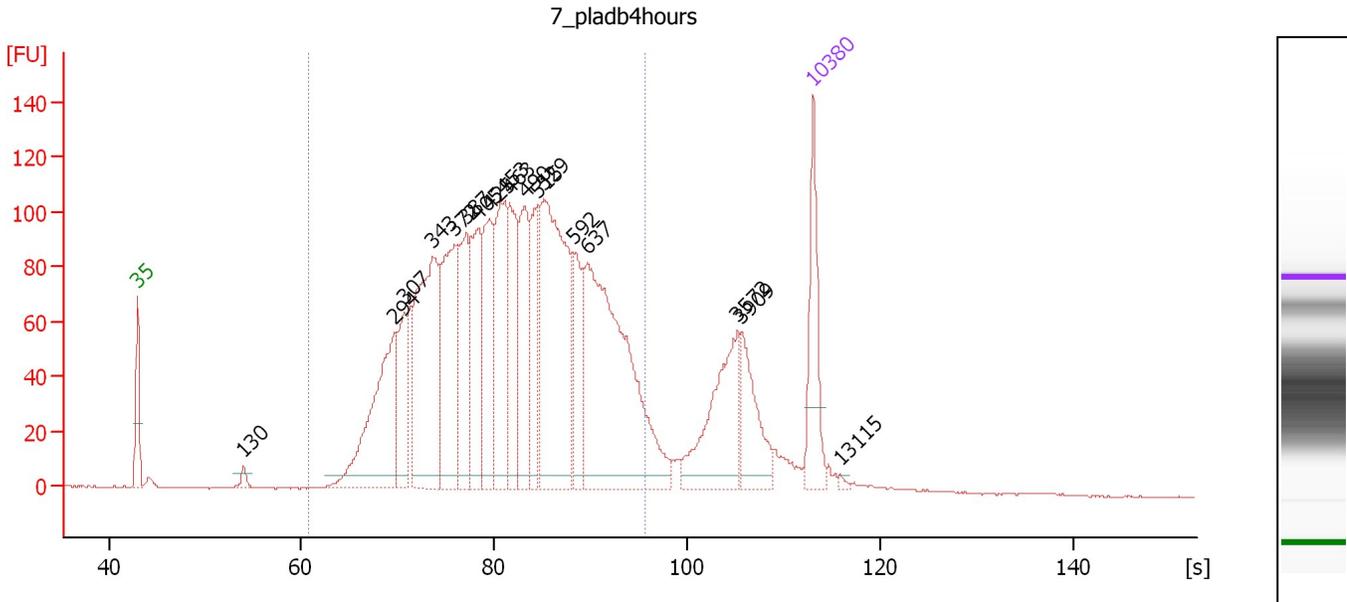
**Region table for sample 6 : 6\_dms04hours**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
61.58	97.21	476	3,515.27	2,969.5	12,845.1	85	33.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : 7\_pladb4hours**

Number of peaks found: 18      Corr. Area 1: 2,852.2  
 Noise: 0.3

**Peak table for sample 7 : 7\_pladb4hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	130	10.80	126.1		54.01
3	294	235.45	1,213.9		69.56
4	307	88.12	435.3		70.67
5	343	278.61	1,230.3		73.55
6	372	190.21	773.7		75.87
7	387	125.90	492.7		77.03
8	405	131.31	491.8		78.30
9	425	128.16	456.7		79.47
10	453	156.64	524.2		81.02
11	463	112.52	368.6		81.57
12	490	127.02	392.7		83.12
13	515	79.06	232.8		84.39
14	529	309.70	886.5		85.11
15	592	86.93	222.7		88.15
16	637	384.53	914.7		89.65
17	3,572	116.20	49.3		105.14
18	3,909	68.61	26.6		105.58
19	10,380	75.00	10.9	Upper Marker	113.00
20	13,115	0.00	0.0		115.71

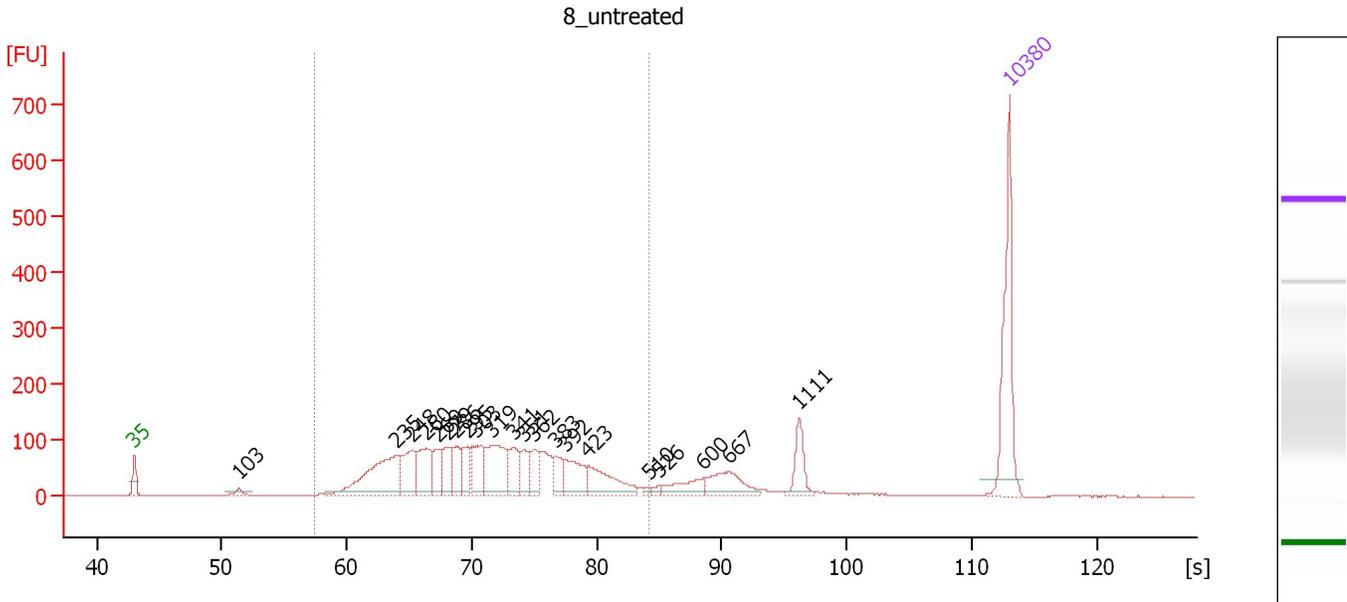
**Region table for sample 7 : 7\_pladb4hours**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.78	95.55	485	2,499.09	2,852.2	8,935.2	86	32.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : 8\_untreated**

Number of peaks found: 21                      Corr. Area 1: 2,527.6  
 Noise: 0.3

**Peak table for sample 8 : 8\_untreated**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	103	6.28	92.6		51.38
3	235	102.10	659.1		64.03
4	248	43.96	268.6		65.26
5	260	49.00	285.7		66.38
6	269	26.55	149.6		67.23
7	279	29.60	161.0		68.13
8	286	27.97	148.2		68.81
9	295	21.27	109.1		69.71
10	303	33.22	166.0		70.39
11	319	61.72	292.7		71.68
12	341	28.58	127.1		73.34
13	351	19.51	84.3		74.15
14	362	22.72	95.2		75.01
15	383	18.19	71.9		76.72
16	392	34.58	133.5		77.44
17	423	40.14	143.9		79.32
18	510	2.51	7.5		84.15
19	526	3.02	8.7		84.97
20	600	18.37	46.4		88.56
21	667	31.62	71.8		90.52
22	1,111	22.46	30.6		96.21
23	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**

... Region table for sample 8 : 8 untreated

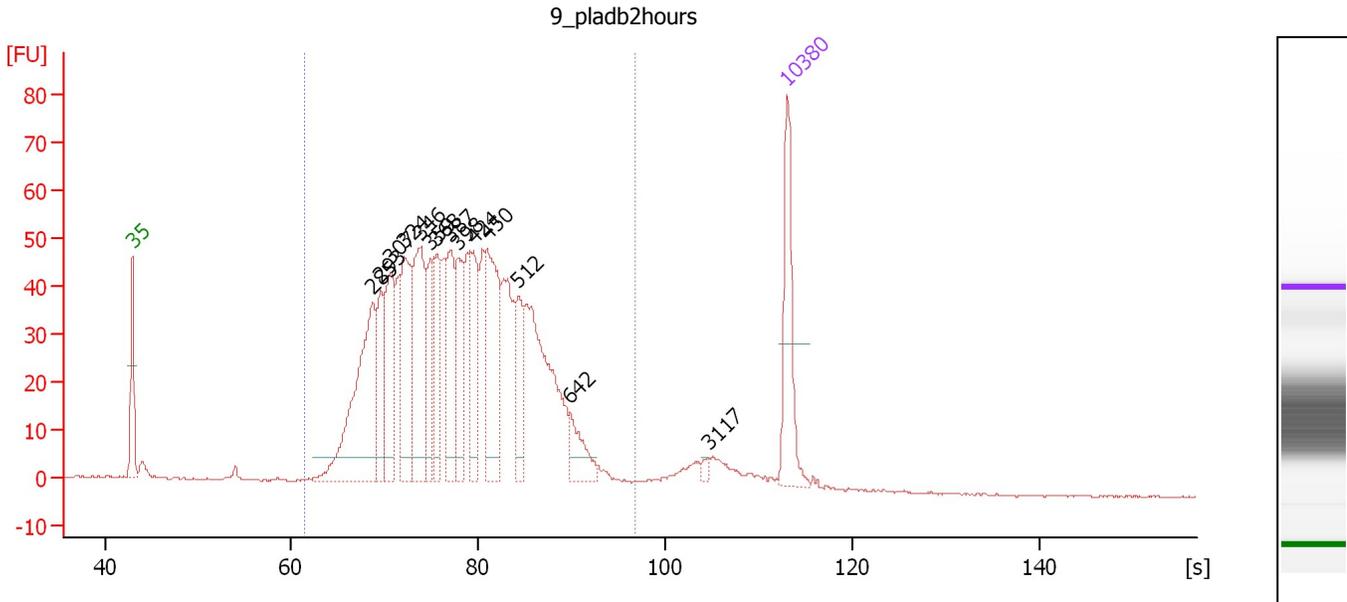
From [s]	To [s]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
57.49	84.15	318	621.77	2,527.6	3,186.9	 83	22.5



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : 9\_pladb2hours**

Number of peaks found: 14      Corr. Area 1: 1,240.3  
 Noise: 0.2

**Peak table for sample 9 : 9\_pladb2hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	285	232.39	1,236.2		68.71
3	293	72.44	374.1		69.51
4	307	114.07	563.7		70.66
5	324	130.65	611.1		72.03
6	346	139.32	610.8		73.74
7	359	68.44	288.6		74.83
8	368	74.33	306.0		75.51
9	387	86.67	339.5		77.00
10	398	78.05	297.4		77.86
11	424	72.74	259.9		79.40
12	450	134.47	452.3		80.89
13	512	61.79	182.9		84.26
14	642	35.44	83.6		89.80
15	3,117	4.69	2.3		104.54
16	10,380	75.00	10.9	Upper Marker	113.00

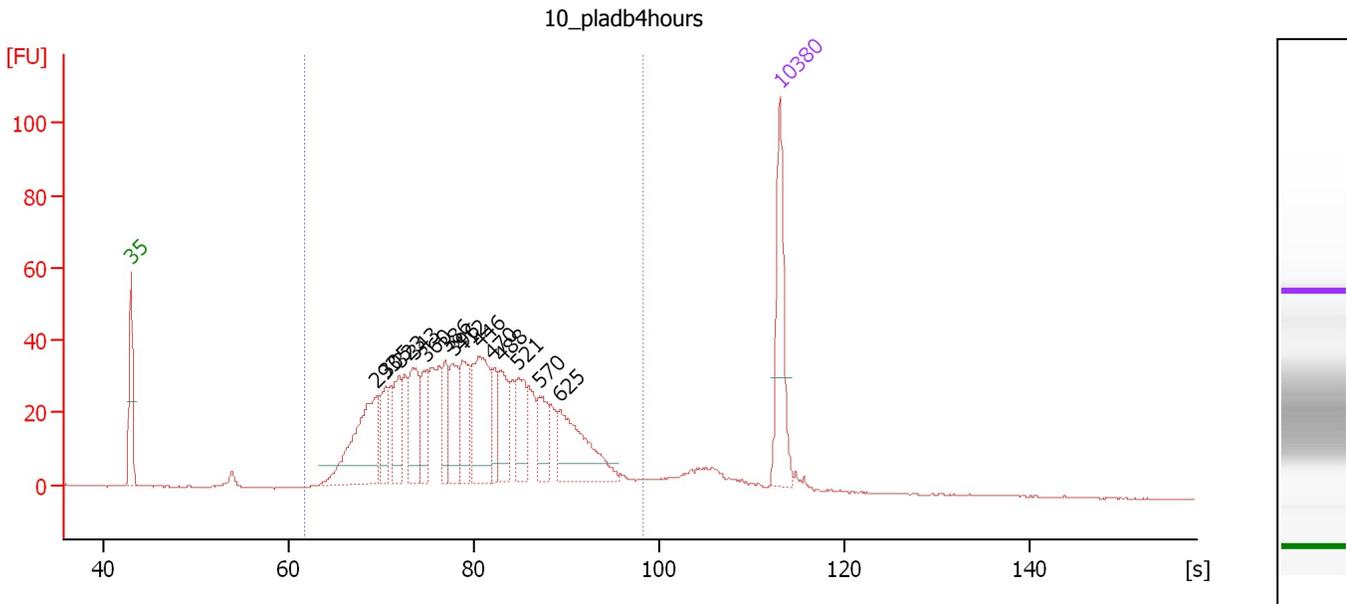
**Region table for sample 9 : 9\_pladb2hours**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
61.36	96.71	416	1,881.14	1,240.3	7,537.3	95	27.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : 10\_pladb4hours**

Number of peaks found: 14                      Corr. Area 1: 982.8  
 Noise: 0.2

**Peak table for sample 10 : 10\_pladb4hours**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	293	142.33	736.4		69.47
3	305	46.56	231.5		70.50
4	323	49.39	231.8		71.95
5	343	66.01	292.0		73.50
6	360	37.31	157.0		74.89
7	386	37.45	147.2		76.90
8	396	52.93	202.3		77.77
9	412	50.33	184.9		78.75
10	446	101.83	345.7		80.65
11	470	32.90	106.1		81.98
12	488	45.27	140.5		83.02
13	521	49.47	144.0		84.69
14	570	35.70	94.9		87.11
15	625	82.31	199.5		89.30
16	10,380	75.00	10.9	Upper Marker	113.00

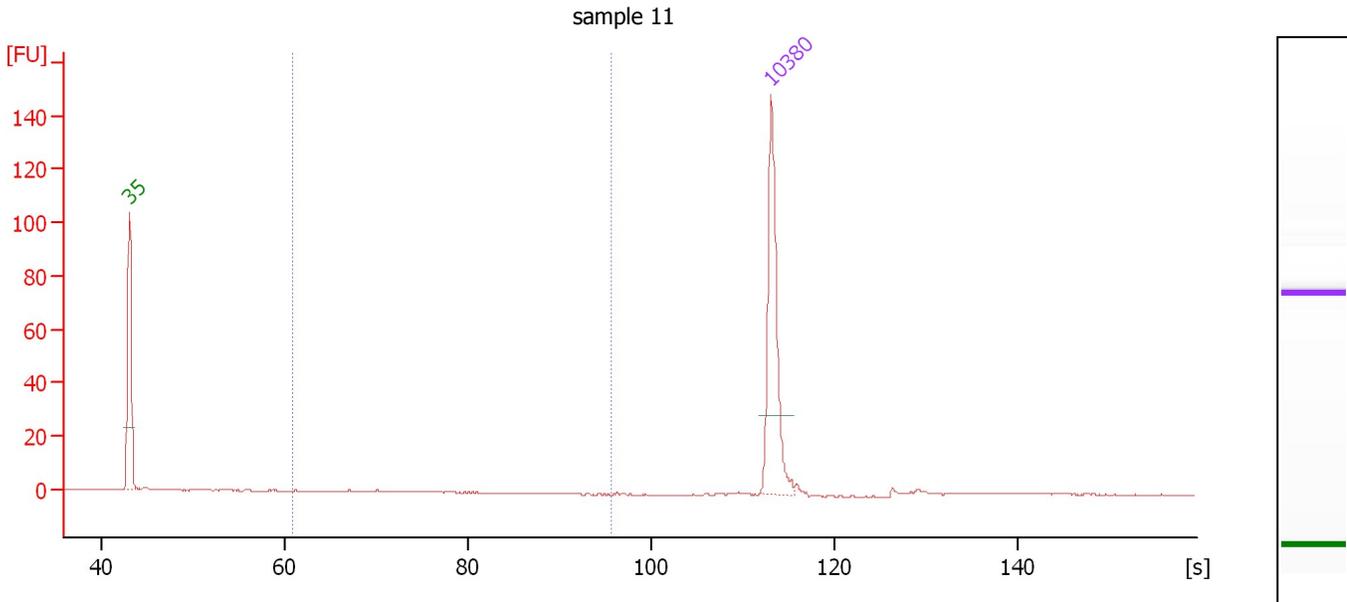
**Region table for sample 10 : 10\_pladb4hours**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
61.70	98.27	459	1,180.48	982.8	4,488.8	92	36.2

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 11**

Number of peaks found: 0                      Corr. Area 1: 0.1  
 Noise: 0.1

**Peak table for sample 11 : sample 11**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	10,380	75.00	10.9	Upper Marker	113.00

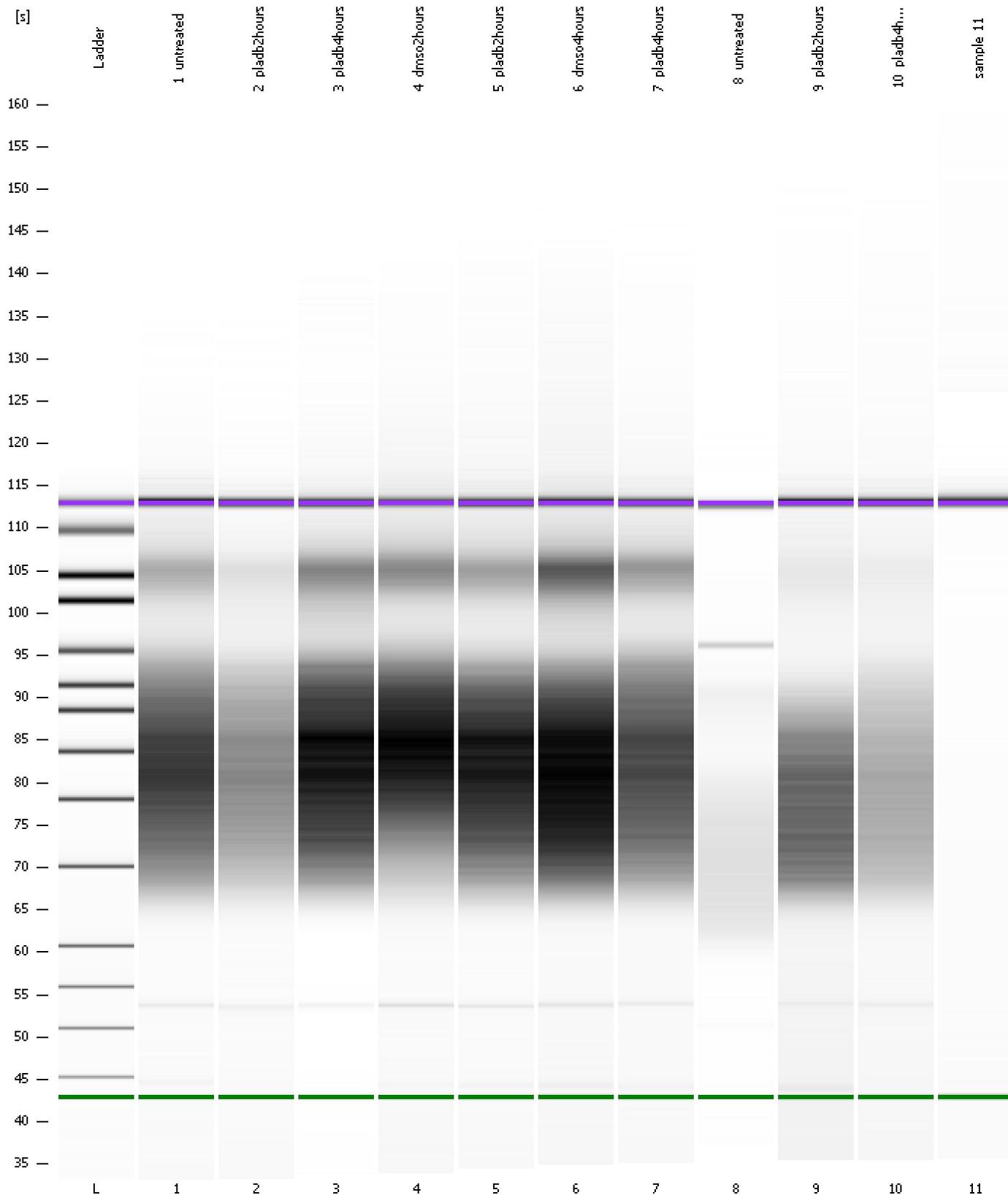
**Region table for sample 11 : sample 11**

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.78	95.55	286	0.10	0.1	0.5	1	7.0

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Gel Image**

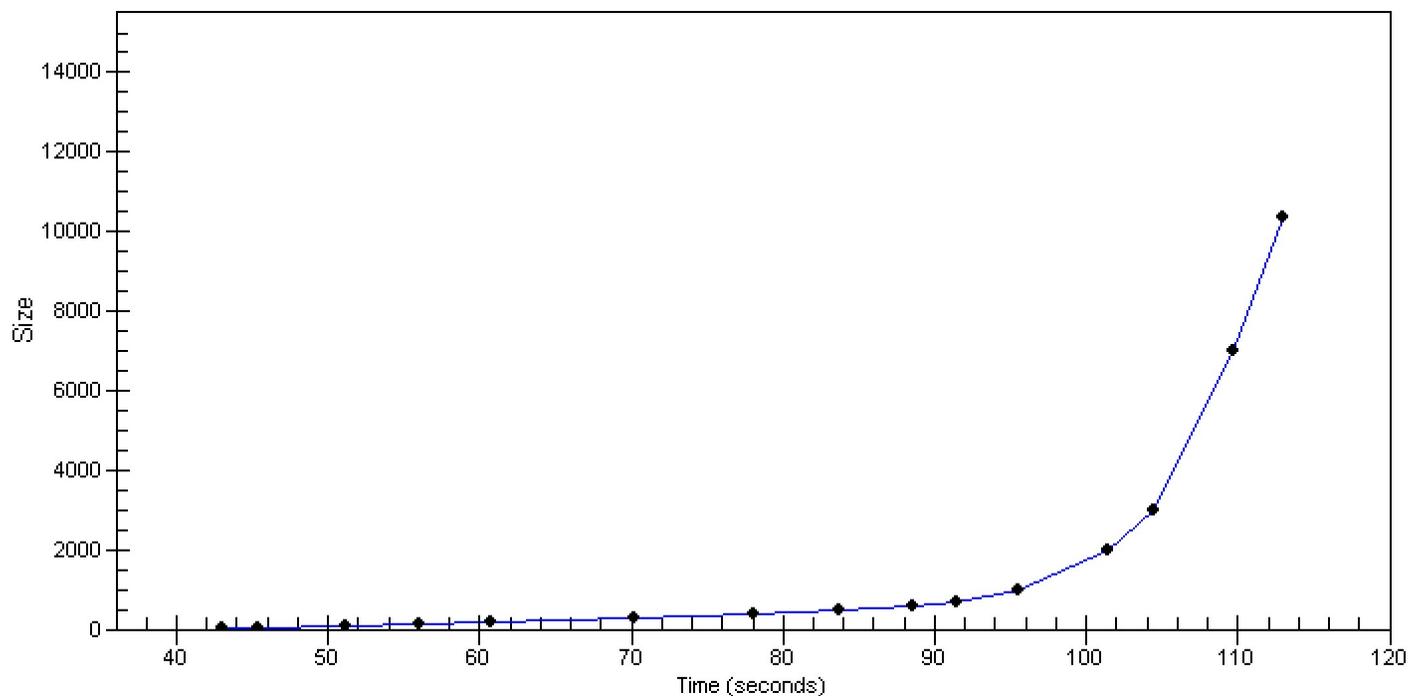


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
Modified: 8/30/2019 12:09:45 PM

**Curves**

**Standard Curve**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-08-30\2019-08-30\_001.xad

Created: 8/30/2019 11:28:28 AM  
 Modified: 8/30/2019 12:09:45 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		8/30/2019 12:09:44 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-08-30\2019-08-30_001.xad)		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		8/30/2019 11:28:34 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1