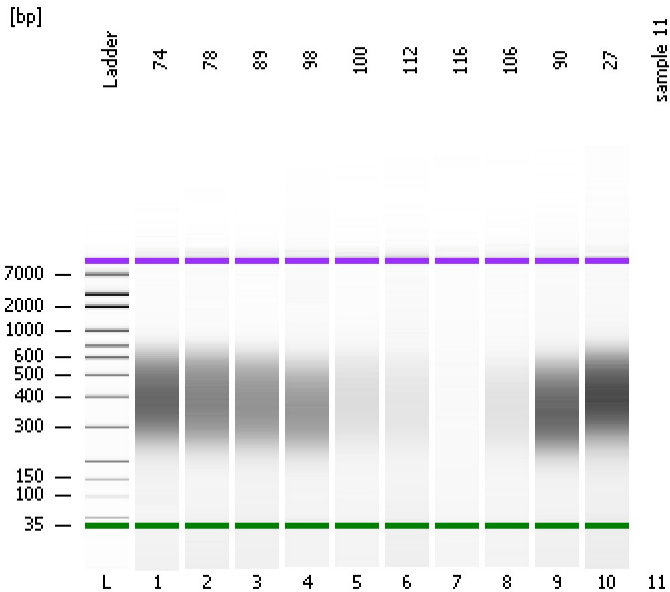


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
Modified: 5/3/2017 4:42:53 PM

Electrophoresis File Run Summary



Instrument Information:

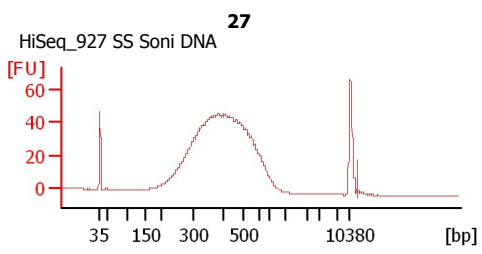
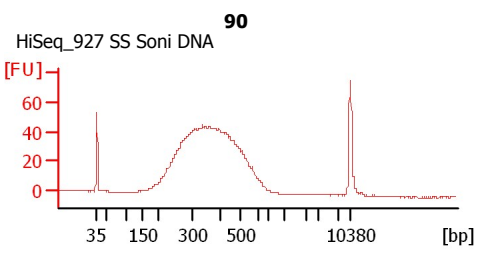
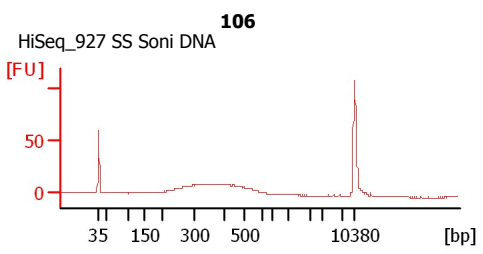
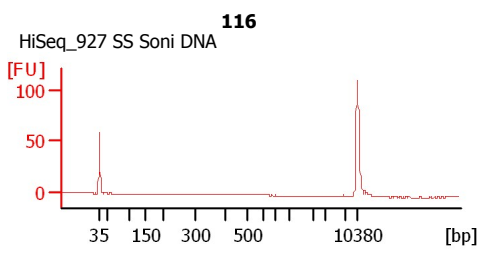
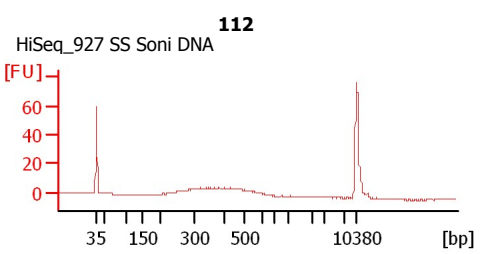
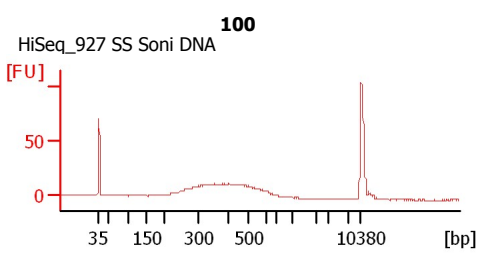
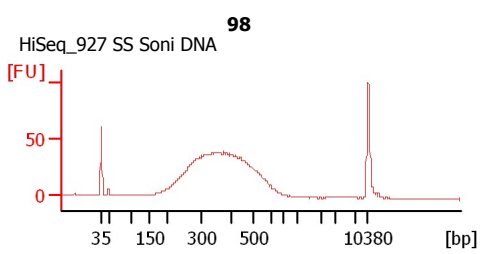
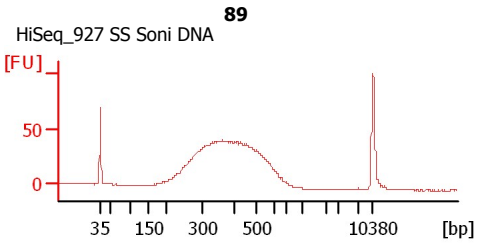
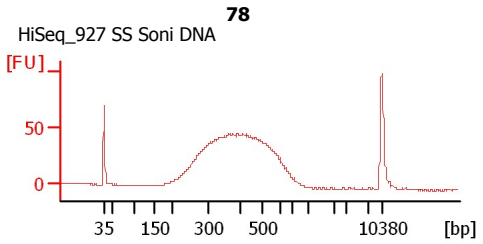
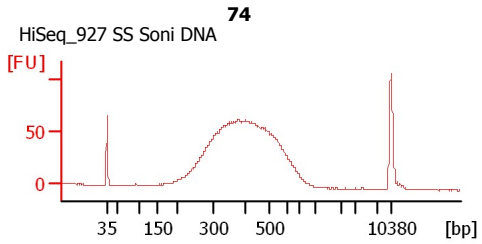
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
Modified: 5/3/2017 4:42:53 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
74	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
78	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
89	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
98	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
100	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
112	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
116	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
106	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
90	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
27	HiSeq_927 SS Soni DNA	<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

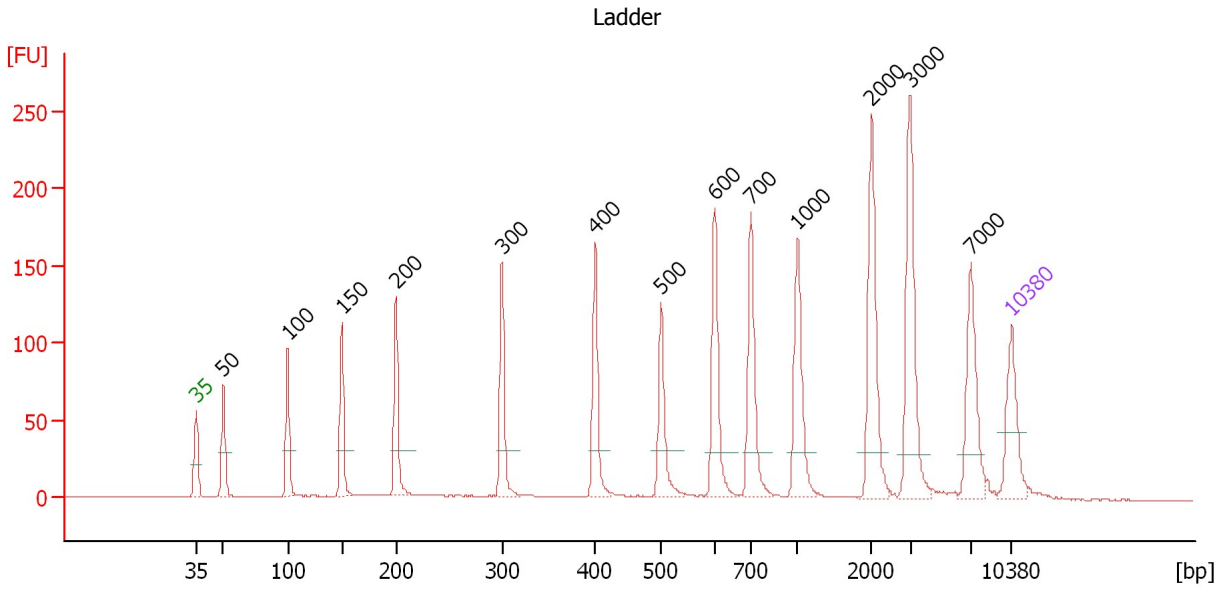
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

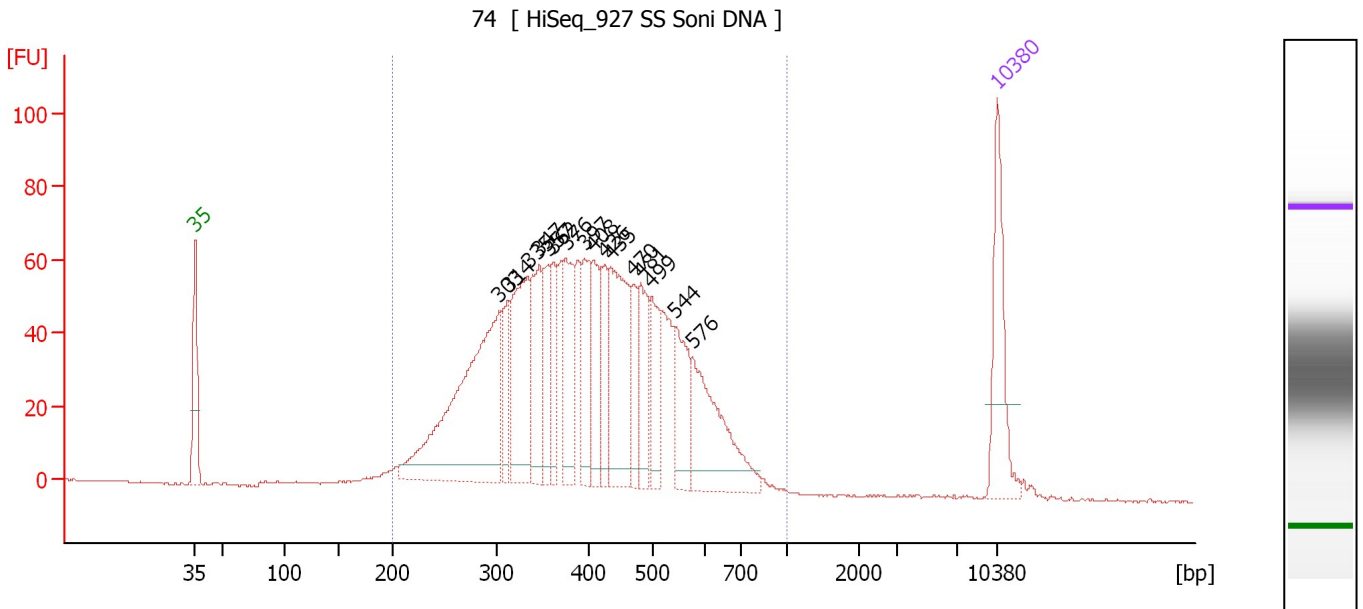
Peak table for Ladder

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	45.33
3	100	150.00	2,272.7	Ladder Peak	50.87
4	150	150.00	1,515.2	Ladder Peak	55.49
5	200	150.00	1,136.4	Ladder Peak	60.16
6	300	150.00	757.6	Ladder Peak	69.26
7	400	150.00	568.2	Ladder Peak	77.27
8	500	150.00	454.5	Ladder Peak	82.90
9	600	150.00	378.8	Ladder Peak	87.52
10	700	150.00	324.7	Ladder Peak	90.58
11	1,000	150.00	227.3	Ladder Peak	94.61
12	2,000	150.00	113.6	Ladder Peak	100.97
13	3,000	150.00	75.8	Ladder Peak	104.26
14	7,000	150.00	32.5	Ladder Peak	109.48
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : 74

Number of peaks found: 16 Corr. Area 1: 1,694.7
 Noise: 0.2

Peak table for sample 1 : 74

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	303	353.52	1,767.0		69.51
3	314	54.03	261.1		70.35
4	335	149.54	676.2		72.07
5	347	97.27	425.1		73.00
6	357	59.64	253.4		73.79
7	362	55.35	231.4		74.26
8	376	83.39	335.8		75.37
9	397	68.38	261.2		77.00
10	408	70.32	260.8		77.74
11	426	53.42	190.1		78.72
12	435	152.71	532.0		79.23
13	470	44.07	141.9		81.23
14	481	65.73	207.0		81.84
15	499	66.58	202.4		82.81
16	544	70.65	196.9		84.91
17	576	128.67	338.6		86.40
18	10,380	75.00	10.9	Upper Marker	113.00

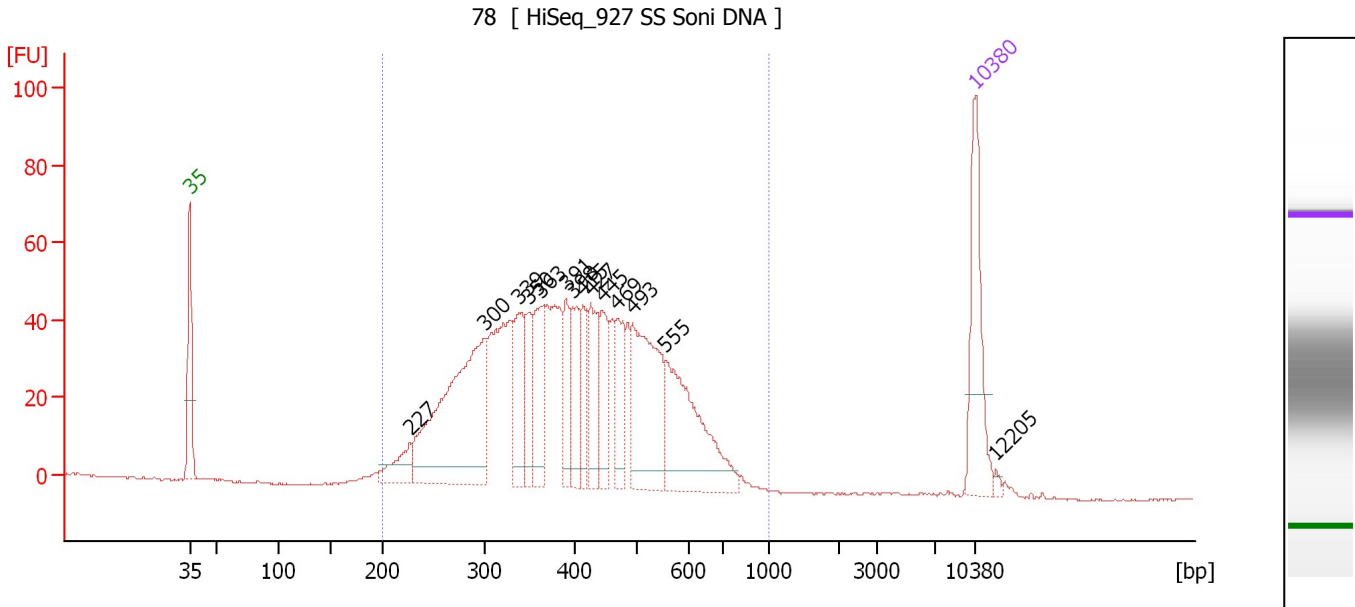
Region table for sample 1 : 74

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	414	1,694.7	7,575.5	1,859.58	99	27.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 78

Number of peaks found: 14 Corr. Area 1: 1,301.8
 Noise: 0.2

Peak table for sample 2 : 78

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	227	38.45	256.3		62.64
3	300	291.07	1,467.8		69.30
4	339	73.26	327.4		72.39
5	350	49.57	214.7		73.24
6	363	72.61	302.7		74.34
7	391	44.42	172.0		76.57
8	398	55.34	210.4		77.14
9	415	42.45	155.1		78.10
10	427	59.46	211.2		78.76
11	445	54.40	185.2		79.81
12	469	51.44	166.3		81.14
13	493	150.61	462.6		82.52
14	555	144.91	395.9		85.42
15	10,380	75.00	10.9	Upper Marker	113.00
16	12,205	0.00	0.0		114.90

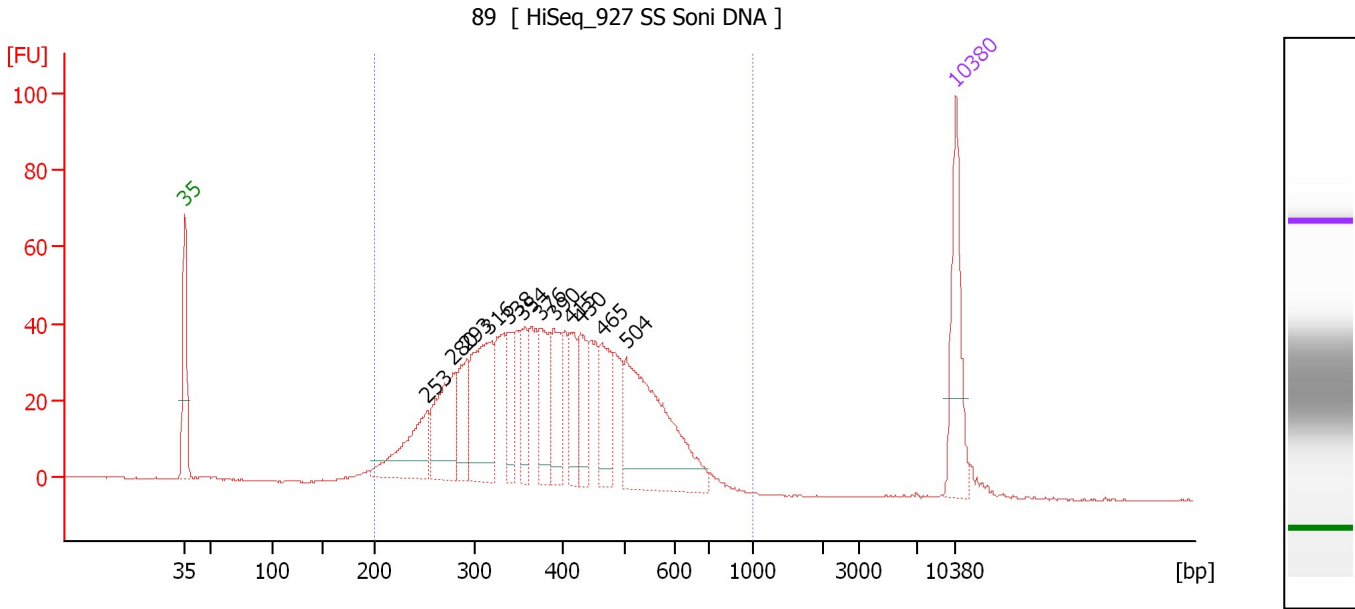
Region table for sample 2 : 78

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	411	1,301.8	5,897.6	1,432.94	99	27.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

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Electropherogram Summary Continued ...



Overall Results for sample 3 : 89

Number of peaks found: 12 Corr. Area 1: 1,143.9
 Noise: 0.2

Peak table for sample 3 : 89

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	253	100.97	604.8		64.98
3	280	116.09	629.2		67.40
4	293	66.45	343.8		68.61
5	316	148.39	711.4		70.54
6	338	53.93	241.5		72.34
7	354	53.25	227.8		73.59
8	376	69.27	279.2		75.34
9	390	69.96	271.5		76.50
10	415	49.41	180.5		78.10
11	430	53.80	189.5		78.97
12	465	61.91	201.9		80.90
13	504	216.88	651.9		83.08
14	10,380	75.00	10.9	Upper Marker	113.00

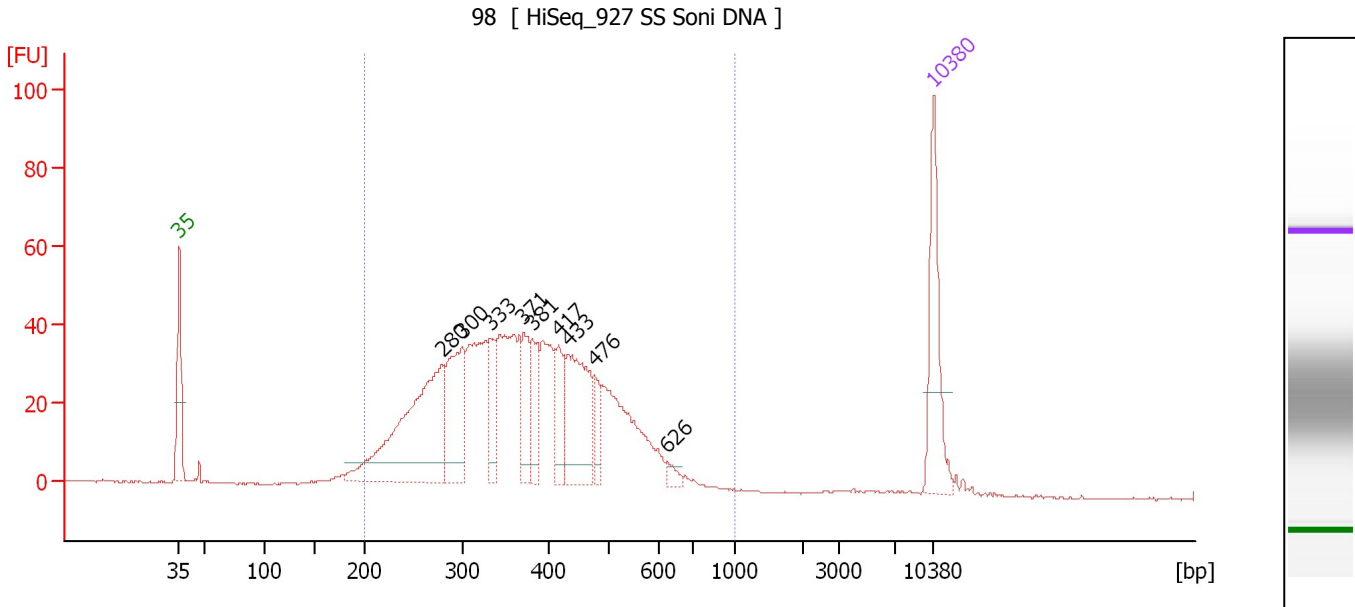
Region table for sample 3 : 89

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	399	1,143.9	5,957.5	1,411.58	98	27.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 98

Number of peaks found: 9 Corr. Area 1: 1,053.0
 Noise: 0.2

Peak table for sample 4 : 98

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	280	273.11	1,478.0		67.44
3	300	119.87	605.2		69.27
4	333	49.37	224.8		71.89
5	371	52.16	212.9		74.96
6	381	46.44	184.7		75.75
7	417	46.45	168.8		78.22
8	433	118.46	414.7		79.11
9	476	25.27	80.5		81.54
10	626	8.24	19.9		88.31
11	10,380	75.00	10.9	Upper Marker	113.00

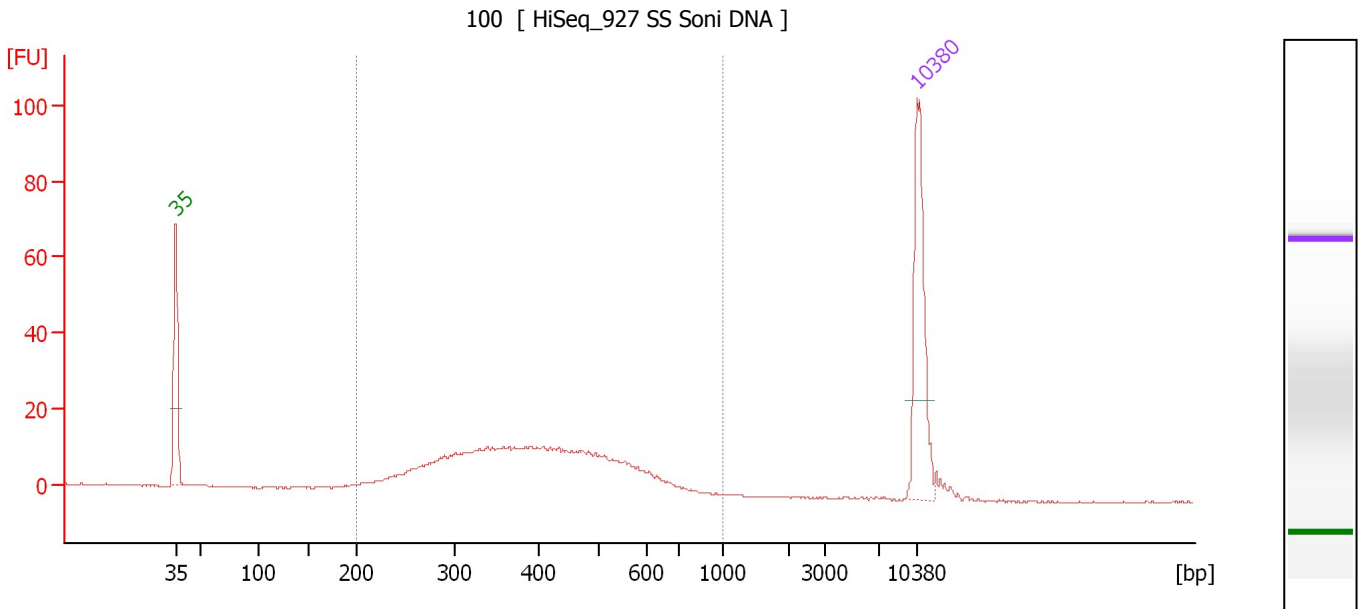
Region table for sample 4 : 98

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	380	1,053.0	5,907.4	1,339.02	96	27.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 100

Number of peaks found: 0 Corr. Area 1: 320.0
 Noise: 0.1

Peak table for sample 5 : 100

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

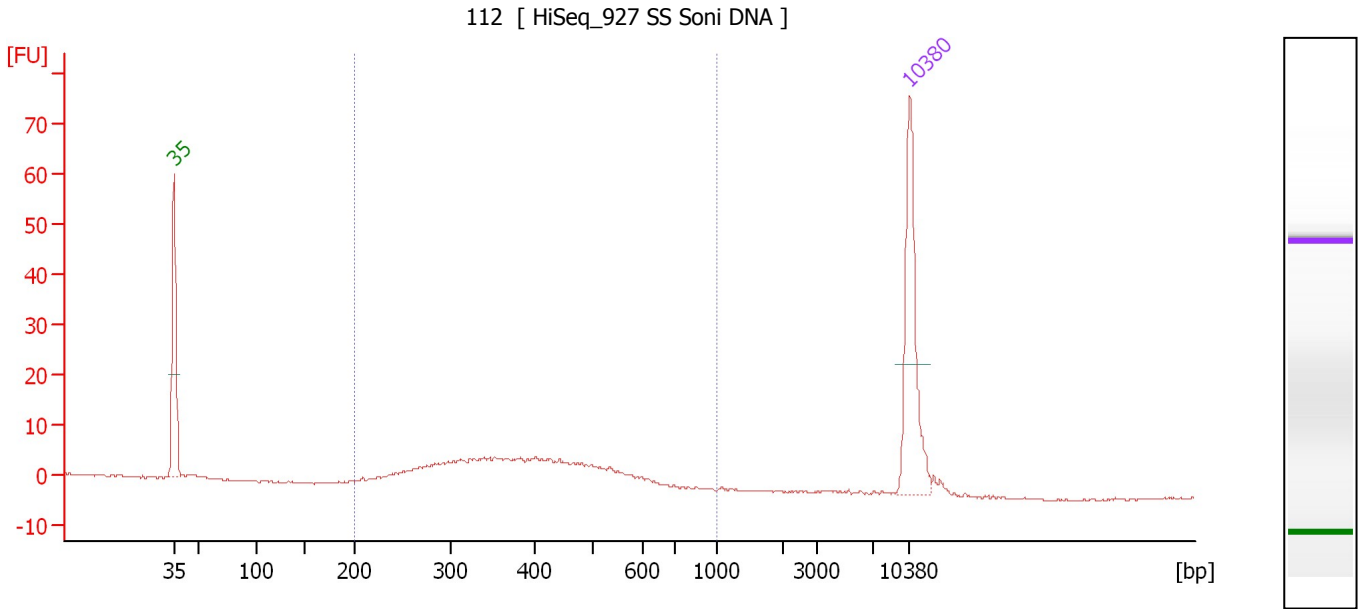
Region table for sample 5 : 100

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	407	320.0	1,391.9	335.21	96	27.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 112

Number of peaks found: 0 Corr. Area 1: 129.1
 Noise: 0.2

Peak table for sample 6 : 112

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

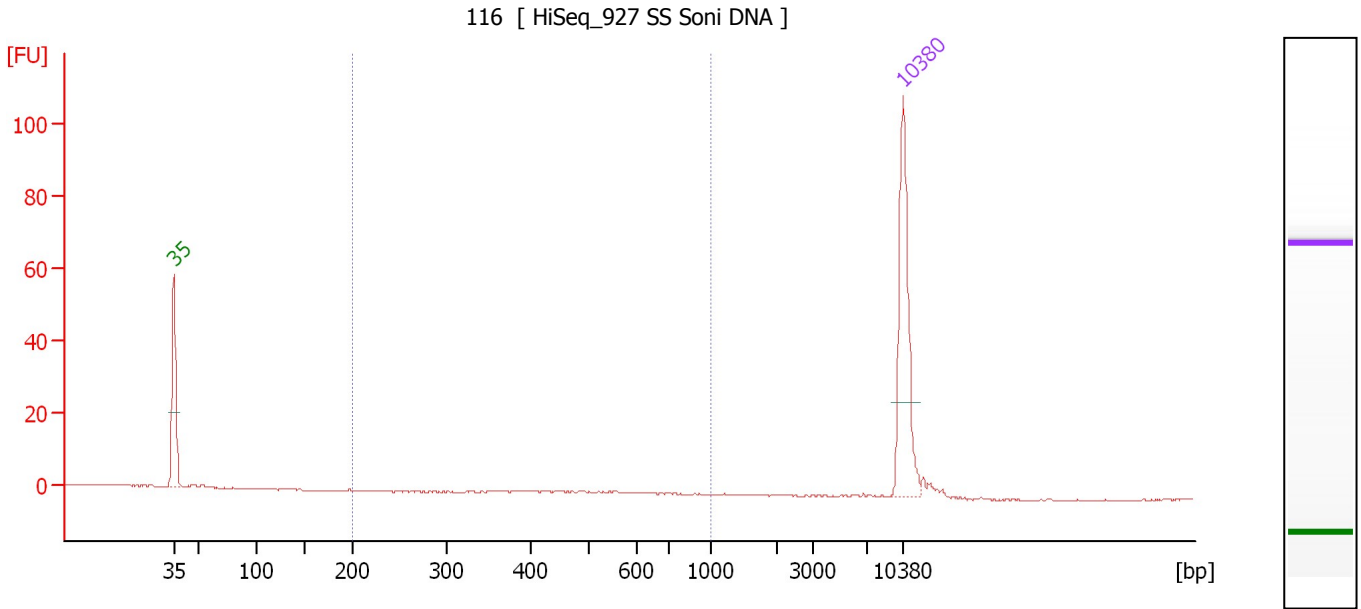
Region table for sample 6 : 112

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	396	129.1	755.6	180.46	96	25.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 116

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

Peak table for sample 7 : 116

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

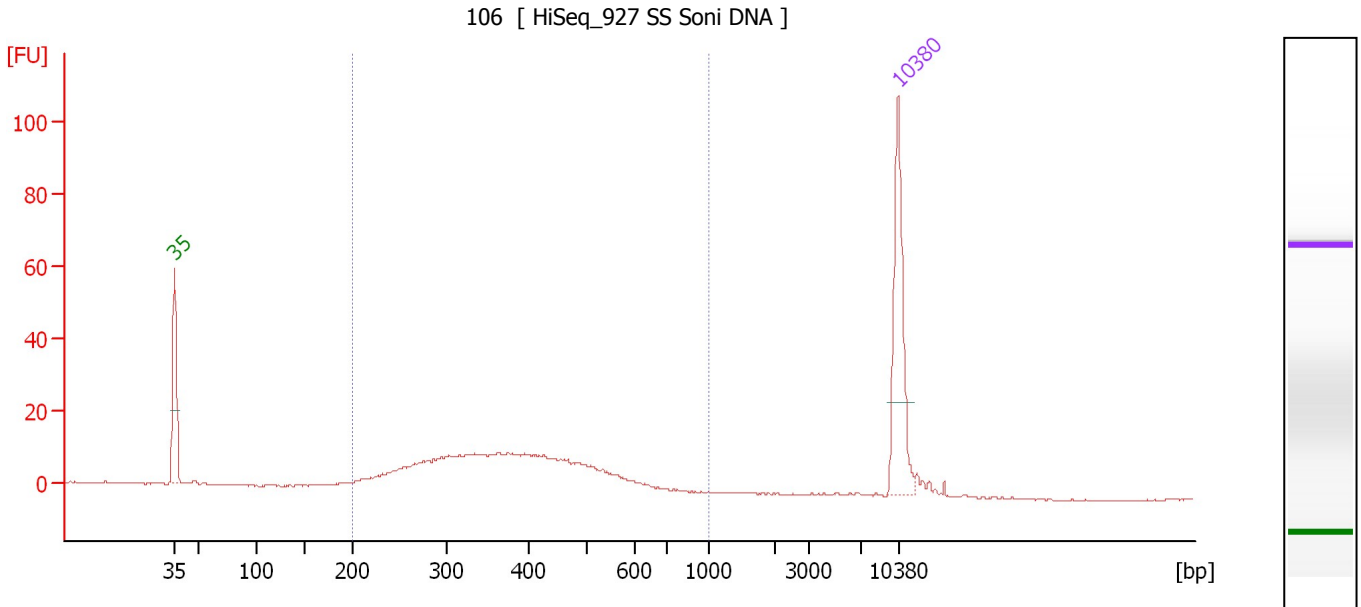
Region table for sample 7 : 116

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	549	0.1	0.2	0.07	1	4.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 106

Number of peaks found: 0 Corr. Area 1: 256.5
 Noise: 0.2

Peak table for sample 8 : 106

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

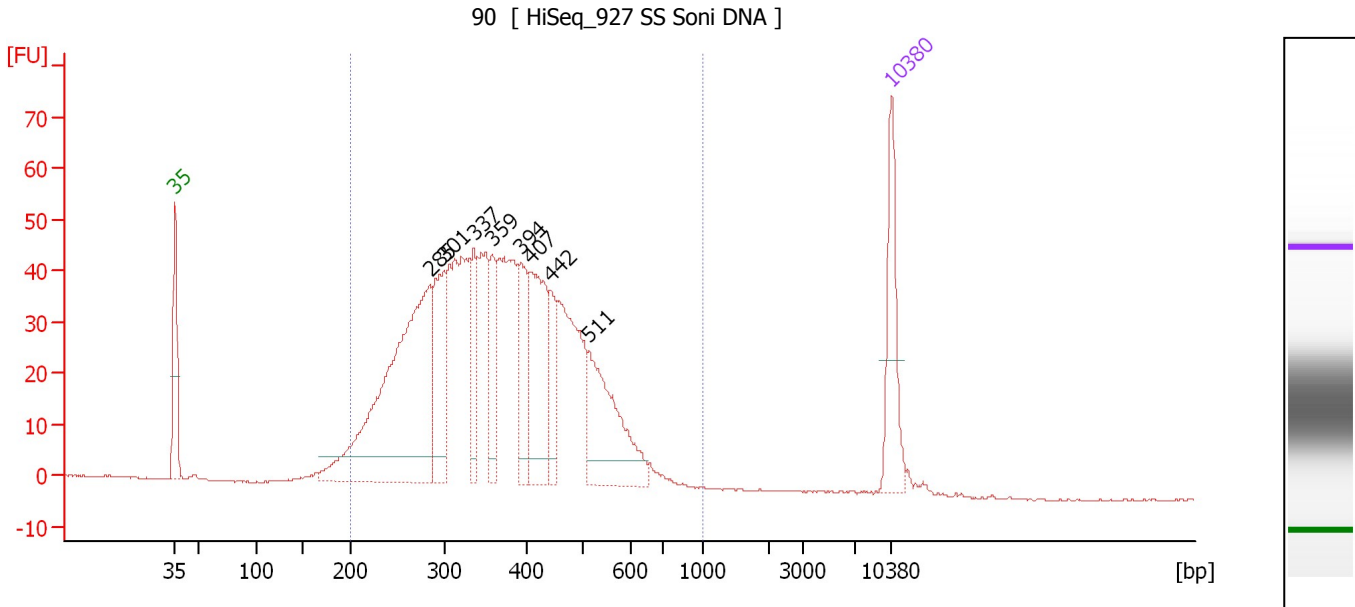
Region table for sample 8 : 106

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	384	256.5	1,282.2	294.18	95	26.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 90

Number of peaks found: 8 Corr. Area 1: 1,191.7
 Noise: 0.1

Peak table for sample 9 : 90

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	502.17	2,673.1		67.86
3	301	134.48	677.5		69.32
4	337	73.94	332.9		72.19
5	359	64.44	271.7		74.01
6	394	79.61	306.3		76.78
7	407	151.30	563.3		77.66
8	442	47.78	163.7		79.64
9	511	158.02	468.7		83.39
10	10,380	75.00	10.9	Upper Marker	113.00

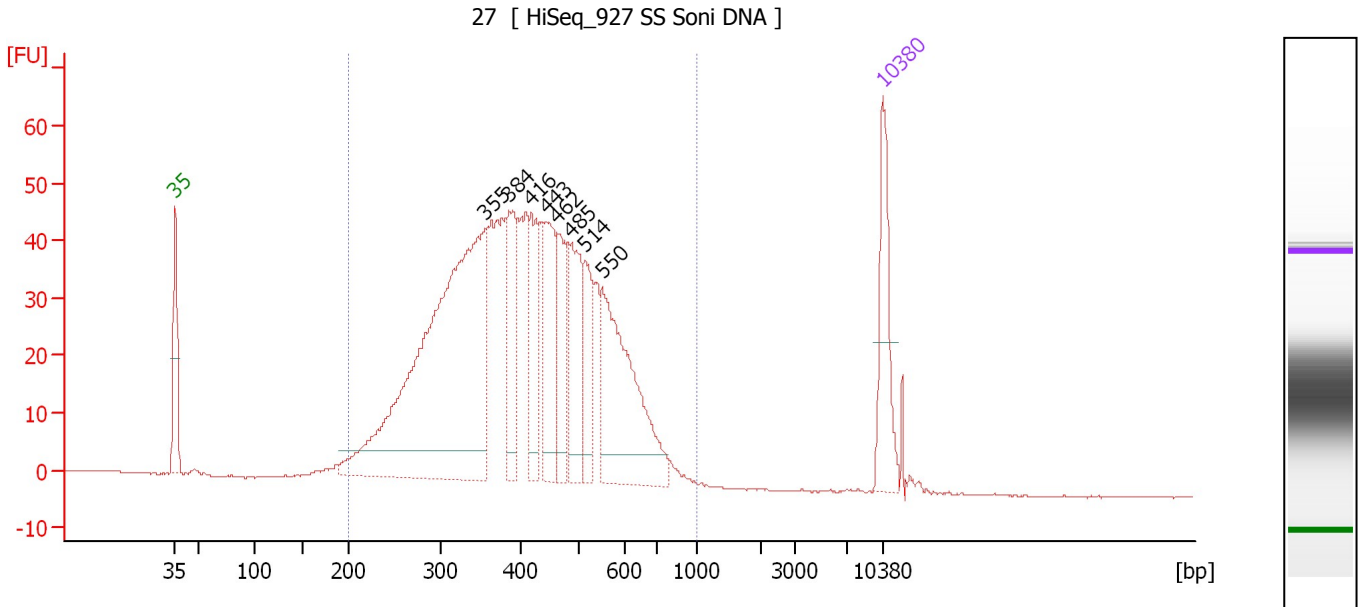
Region table for sample 9 : 90

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	376	1,191.7	8,774.9	1,971.78	98	27.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
 Modified: 5/3/2017 4:42:53 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 27

Number of peaks found: 8 Corr. Area 1: 1,174.2
 Noise: 0.1

Peak table for sample 10 : 27

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	355	703.73	2,999.8		73.70
3	384	109.67	432.2		76.02
4	416	93.08	338.8		78.18
5	443	112.93	385.8		79.71
6	462	92.70	303.9		80.77
7	485	106.81	333.9		82.04
8	514	70.19	206.7		83.57
9	550	225.09	620.2		85.20
10	10,380	75.00	10.9	Upper Marker	113.00

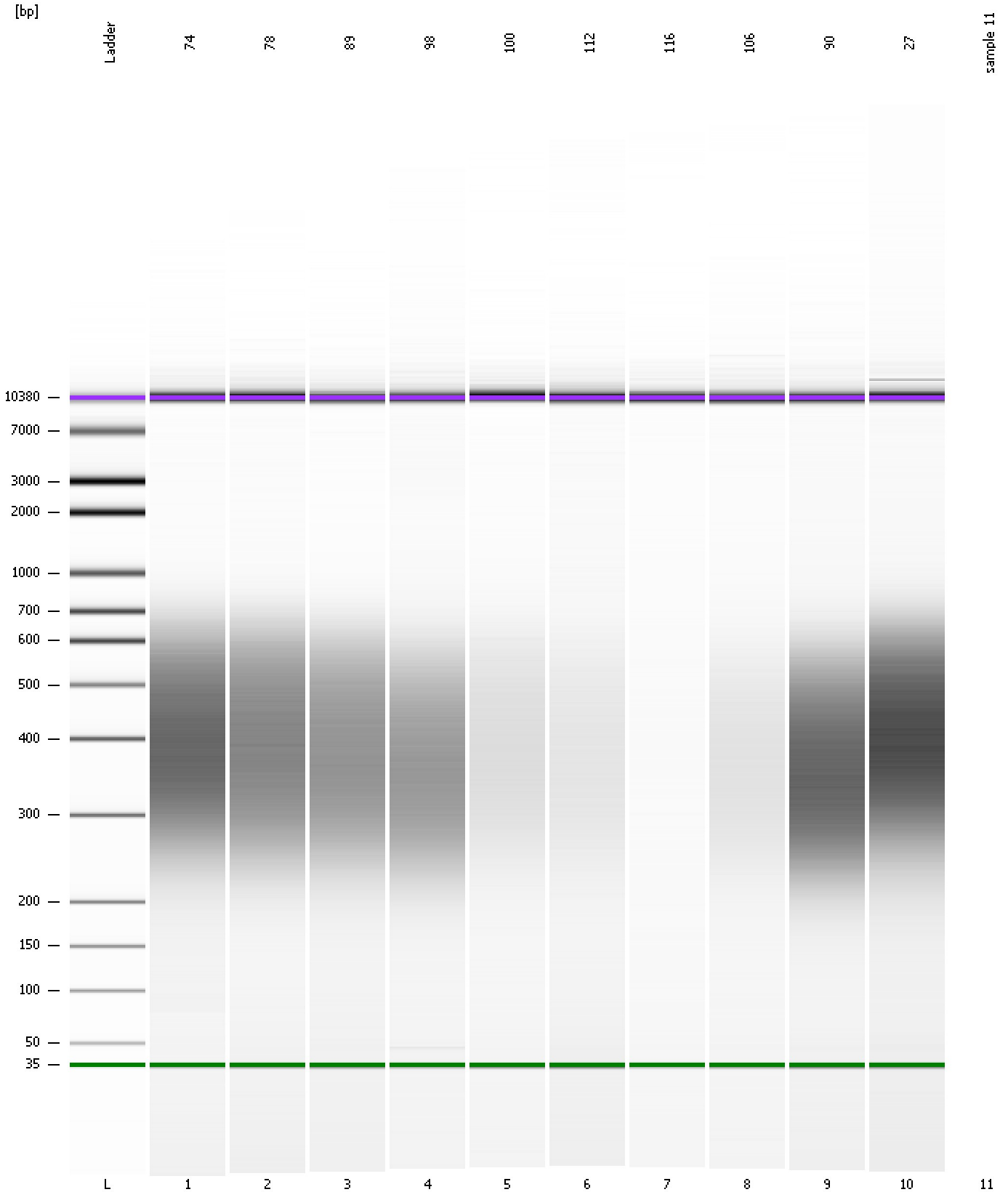
Region table for sample 10 : 27

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	419	1,174.2	8,020.8	1,994.60	98	27.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
Modified: 5/3/2017 4:42:53 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-03\2017-05-03_005.xad

Created: 5/3/2017 4:04:28 PM
Modified: 5/3/2017 4:42:53 PM

Invalid Samples

Sample 11 has not been run, no results available.