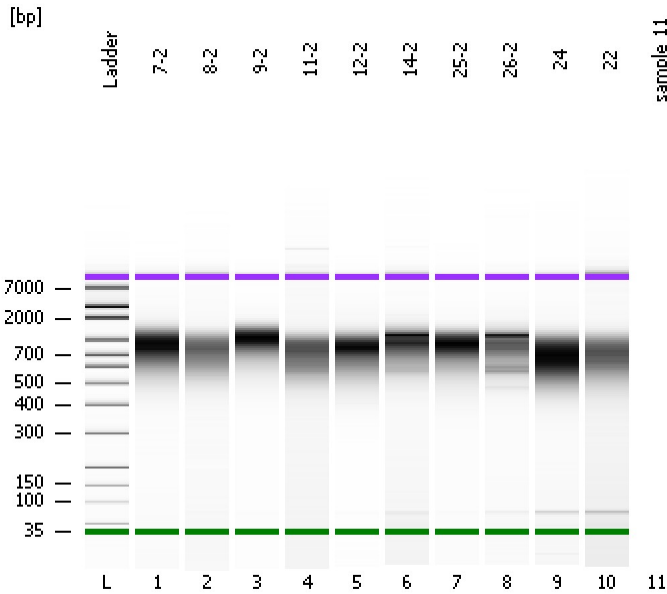


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
Modified: 3/6/2018 12:30:17 PM

Electrophoresis File Run Summary



Instrument Information:

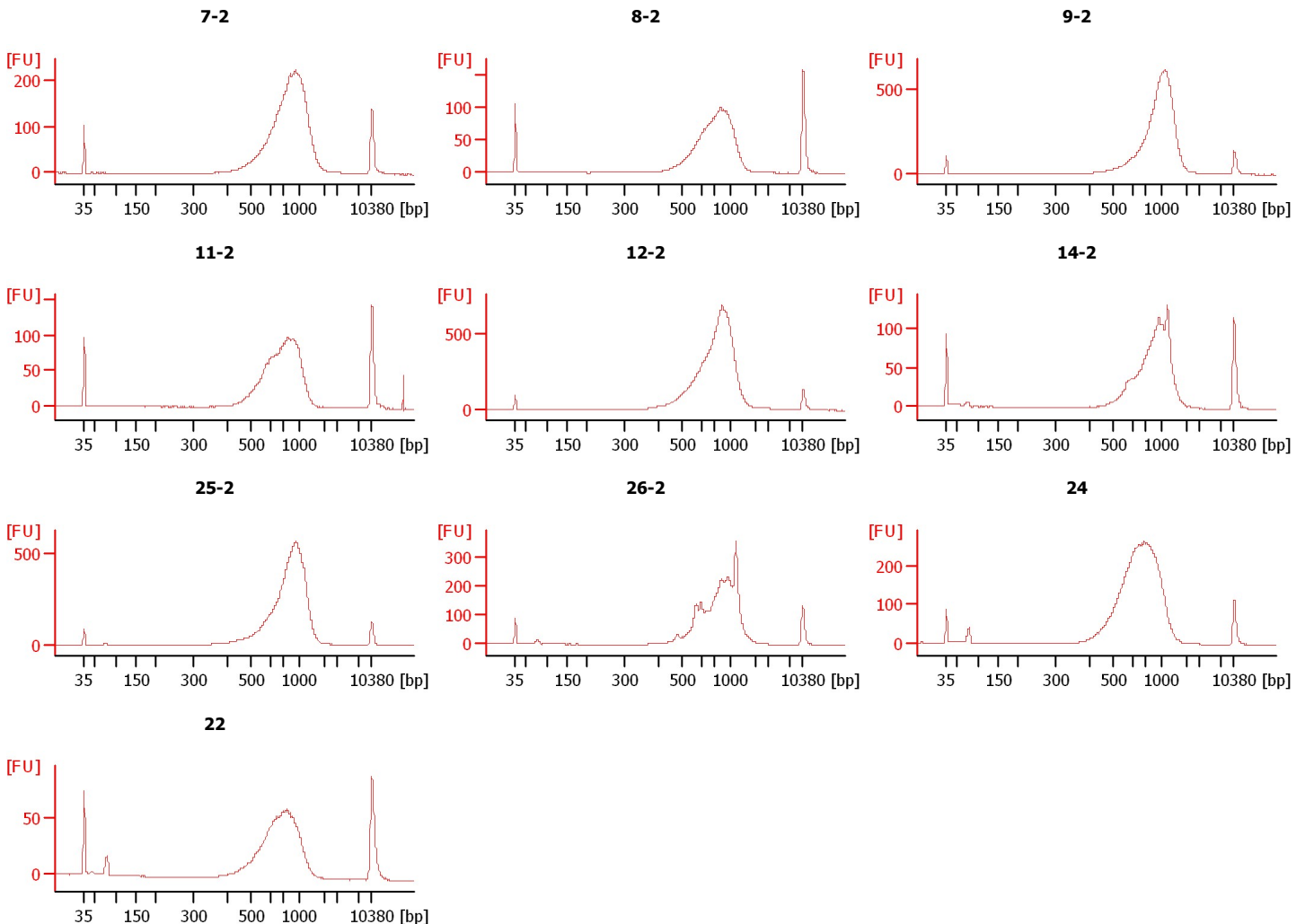
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
 Modified: 3/6/2018 12:30:17 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
7-2		<input type="checkbox"/>	✓			
8-2		<input type="checkbox"/>	✓			
9-2		<input type="checkbox"/>	✓			
11-2		<input type="checkbox"/>	✓			
12-2		<input type="checkbox"/>	✓			
14-2		<input type="checkbox"/>	✓			
25-2		<input type="checkbox"/>	✓			
26-2		<input type="checkbox"/>	✓			
24		<input type="checkbox"/>	✓			
22		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

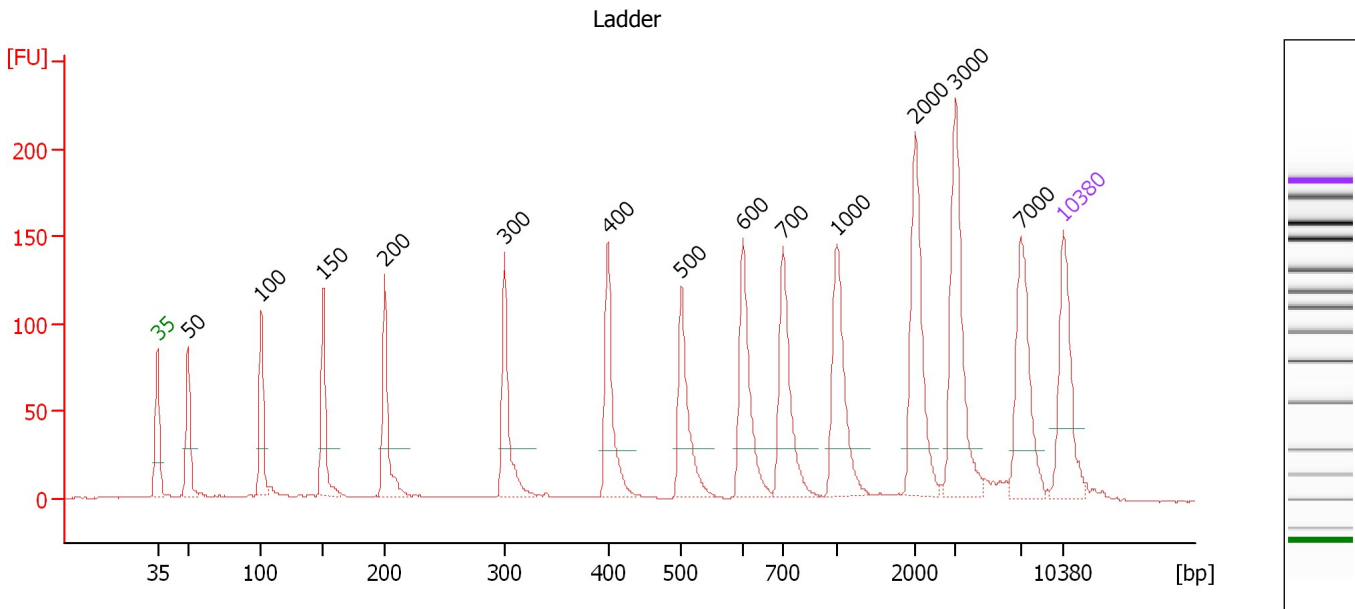
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

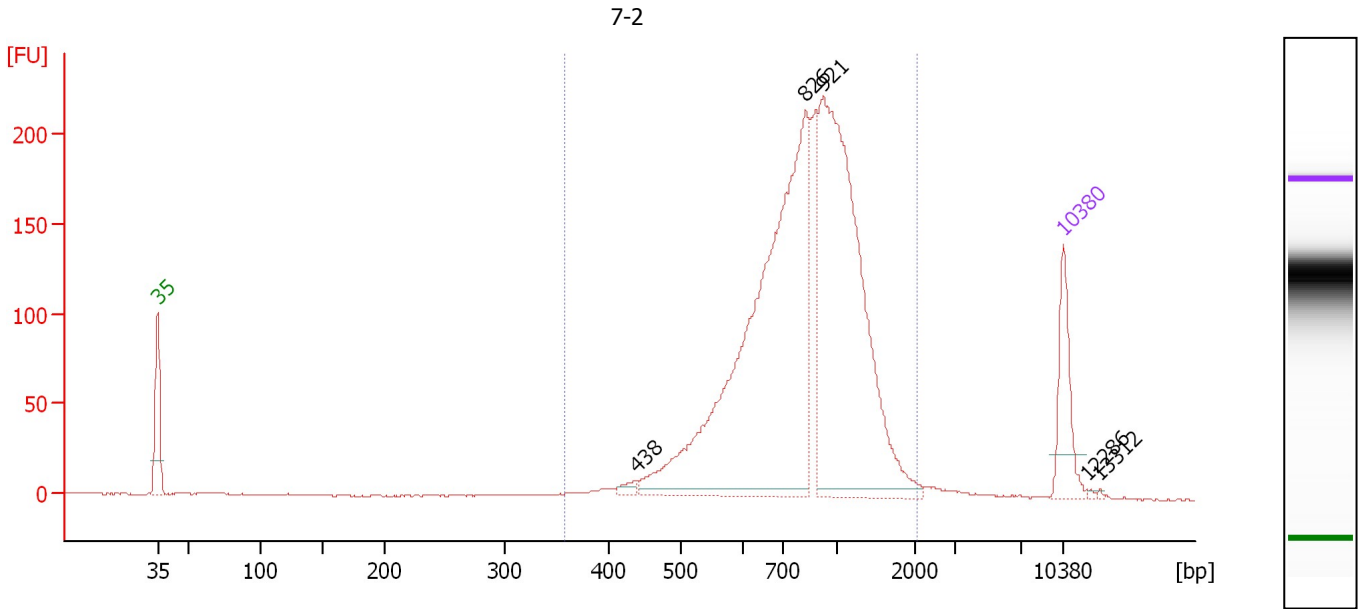
Peak table for Ladder

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	45.34
3	100	150.00	2,272.7	Ladder Peak	51.01
4	150	150.00	1,515.2	Ladder Peak	55.79
5	200	150.00	1,136.4	Ladder Peak	60.57
6	300	150.00	757.6	Ladder Peak	69.80
7	400	150.00	568.2	Ladder Peak	77.81
8	500	150.00	454.5	Ladder Peak	83.48
9	600	150.00	378.8	Ladder Peak	88.26
10	700	150.00	324.7	Ladder Peak	91.31
11	1,000	150.00	227.3	Ladder Peak	95.52
12	2,000	150.00	113.6	Ladder Peak	101.57
13	3,000	150.00	75.8	Ladder Peak	104.71
14	7,000	150.00	32.5	Ladder Peak	109.72
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : 7-2

Number of peaks found: 5 Corr. Area 1: 2,294.6
 Noise: 0.4

Peak table for sample 1 : 7-2

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	438	11.60	40.1		79.99
3	826	892.71	1,637.0		93.08
4	921	684.25	1,126.0		94.41
5	10,380	75.00	10.9	Upper Marker	113.00
6	12,286	0.00	0.0		114.85
7	13,312	0.00	0.0		115.85

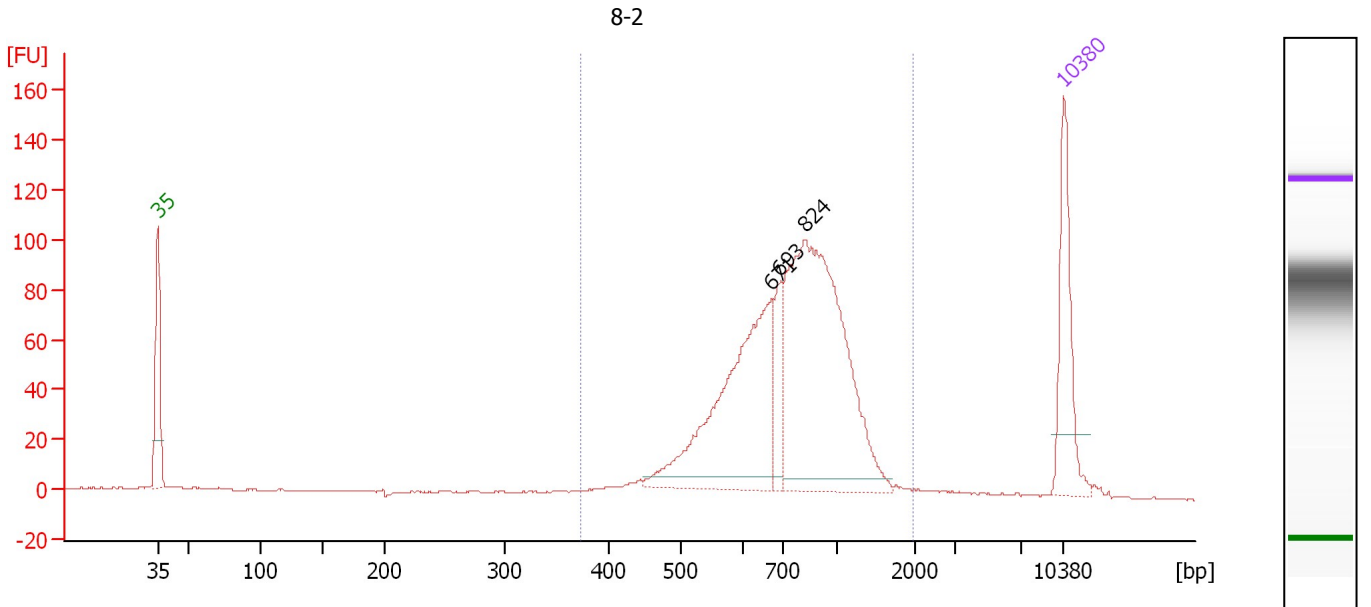
Region table for sample 1 : 7-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
359	2,067	879	2,294.6	1,734.15	3,372.3	98	33.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : 8-2

Number of peaks found: 3 Corr. Area 1: 1,102.7
 Noise: 0.3

Peak table for sample 2 : 8-2

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	671	270.92	611.6		90.43
3	693	43.05	94.1		91.10
4	824	387.19	712.1		93.05
5	10,380	75.00	10.9	Upper Marker	113.00

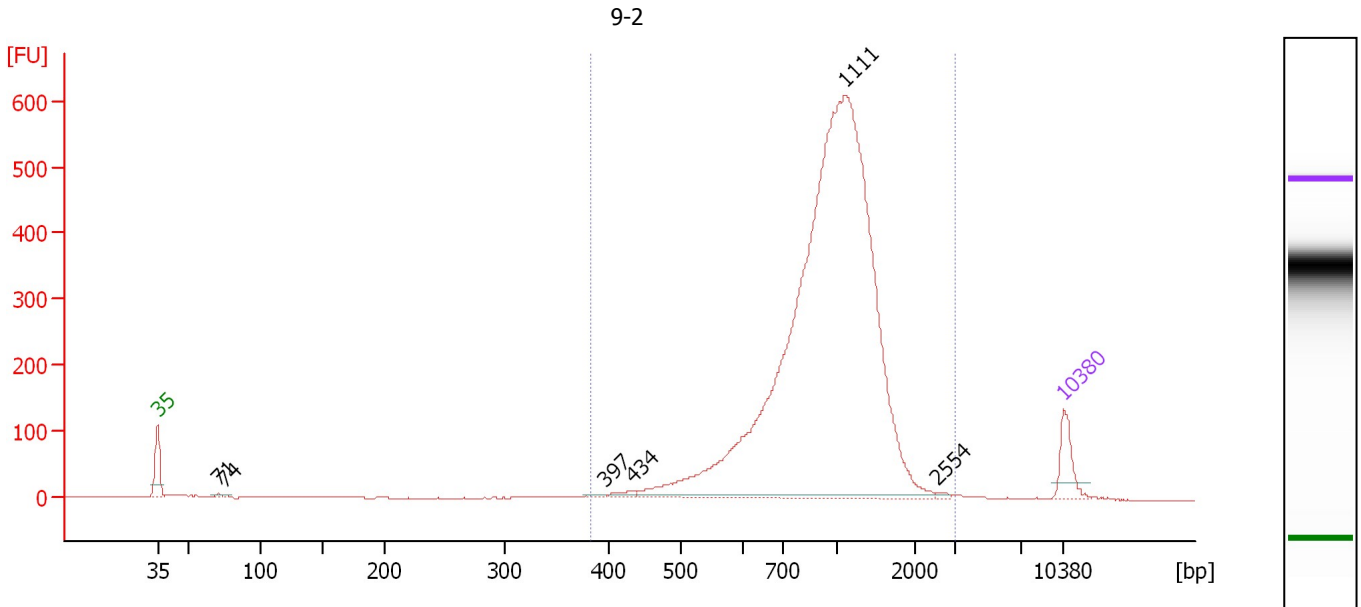
Region table for sample 2 : 8-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
374	1,962	794	1,102.7	744.08	1,565.8	95	30.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 9-2

Number of peaks found: 6 Corr. Area 1: 4,823.3
 Noise: 0.3

Peak table for sample 3 : 9-2

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	71	7.99	170.4		47.73
3	74	5.92	120.5		48.11
4	397	7.74	29.5		77.59
5	434	16.90	59.0		79.73
6	1,111	3,202.73	4,367.9		96.19
7	2,554	5.24	3.1		103.31
8	10,380	75.00	10.9	Upper Marker	113.00

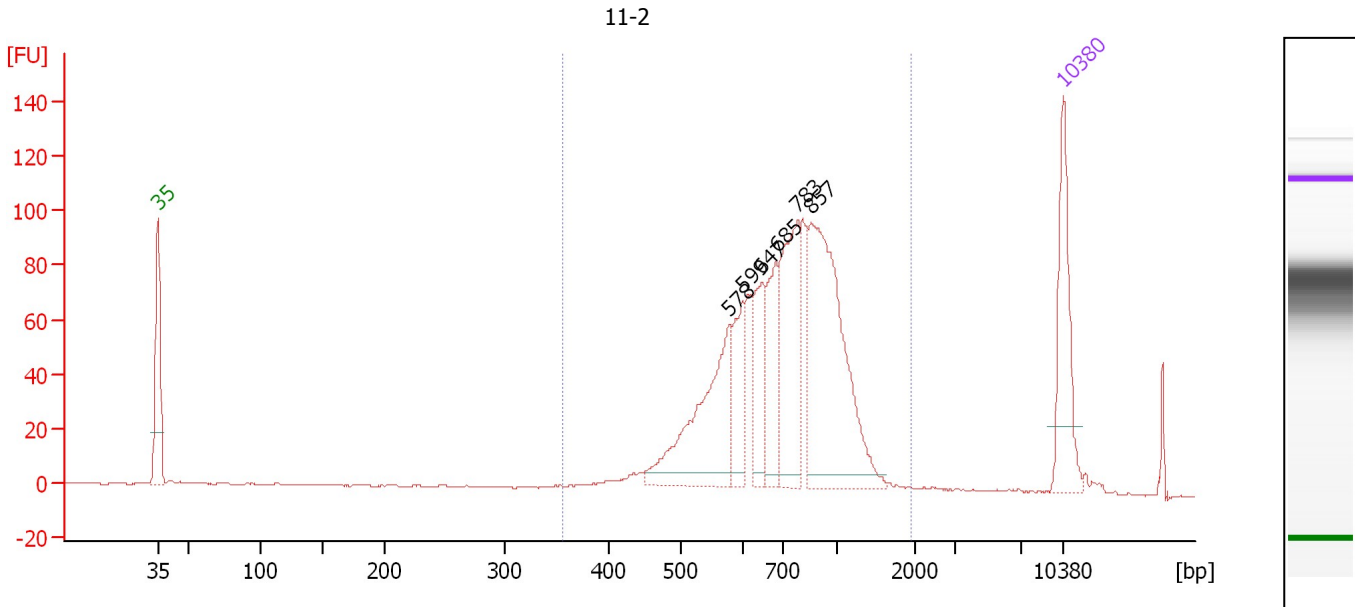
Region table for sample 3 : 9-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
383	2,987	1,030	4,823.3	3,493.05	5,845.0	98	33.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 11-2

Number of peaks found: 6 Corr. Area 1: 1,128.6
 Noise: 0.3

Peak table for sample 4 : 11-2

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	578	160.47	420.4		87.23
3	599	56.27	142.3		88.22
4	647	68.47	160.3		89.70
5	685	70.33	155.7		90.84
6	783	140.34	271.6		92.47
7	857	255.45	451.8		93.51
8	10,380	75.00	10.9	Upper Marker	113.00

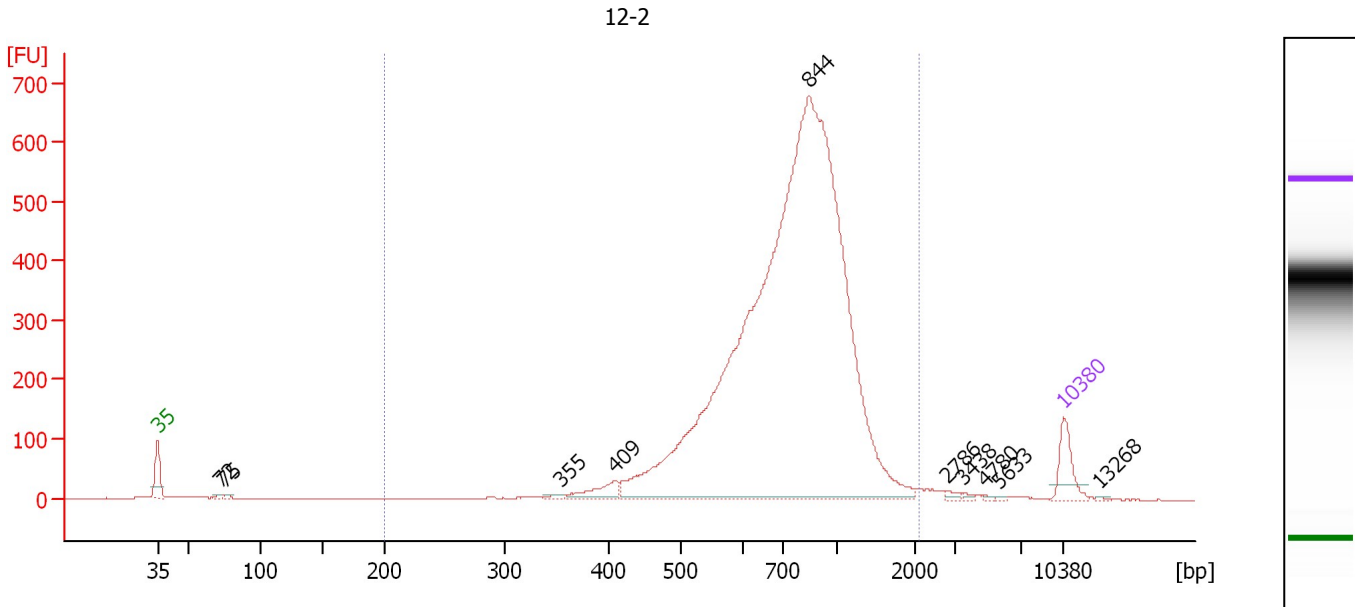
Region table for sample 4 : 11-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
356	1,955	762	1,128.6	878.70	1,915.4	93	29.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : 12-2

Number of peaks found: 10 Corr. Area 1: 6,355.7
 Noise: 0.3

Peak table for sample 5 : 12-2

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	72	10.17	215.2		47.79
3	75	8.87	178.8		48.20
4	355	10.65	45.5		74.18
5	409	67.85	251.6		78.31
6	844	4,156.72	7,459.6		93.33
7	2,786	9.28	5.1		104.03
8	3,438	5.01	2.2		105.26
9	4,780	3.62	1.1		106.94
10	5,633	2.81	0.8		108.01
11	10,380	75.00	10.9	Upper Marker	113.00
12	13,268	0.00	0.0		115.80

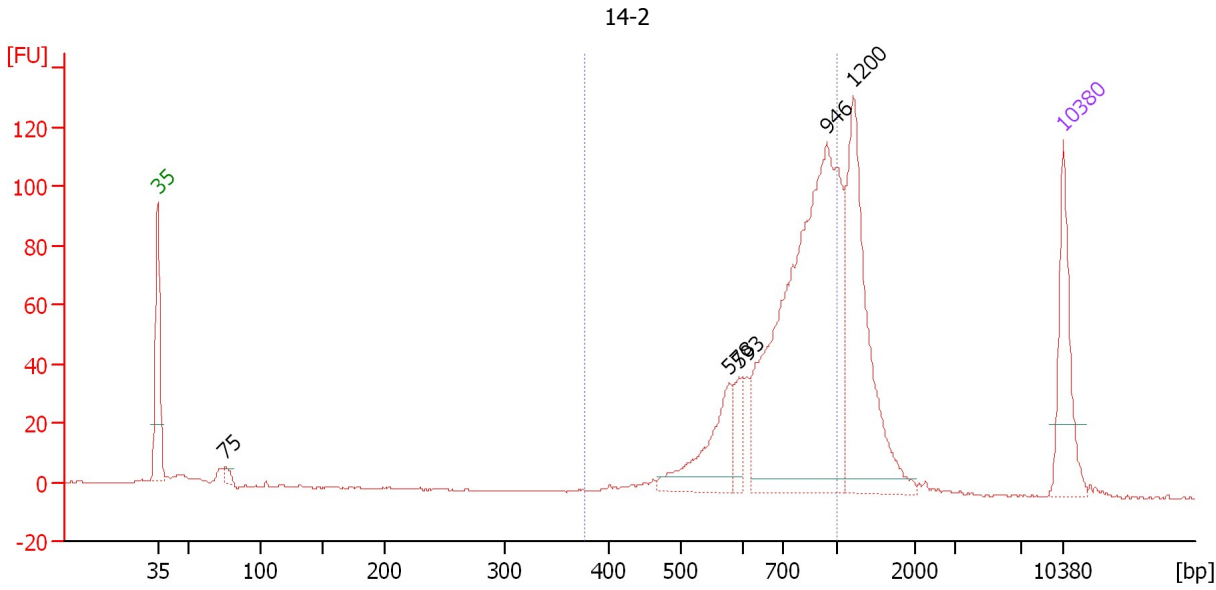
Region table for sample 5 : 12-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	2,098	804	6,355.7	4,410.22	9,309.2	98	31.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 14-2

Number of peaks found: 5 Corr. Area 1: 726.7
 Noise: 0.2

Peak table for sample 6 : 14-2

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	75	9.35	187.6		48.23
3	578	95.63	250.8		87.20
4	593	29.46	75.3		87.92
5	946	539.49	864.2		94.76
6	1,200	220.30	278.2		96.73
7	10,380	75.00	10.9	Upper Marker	113.00

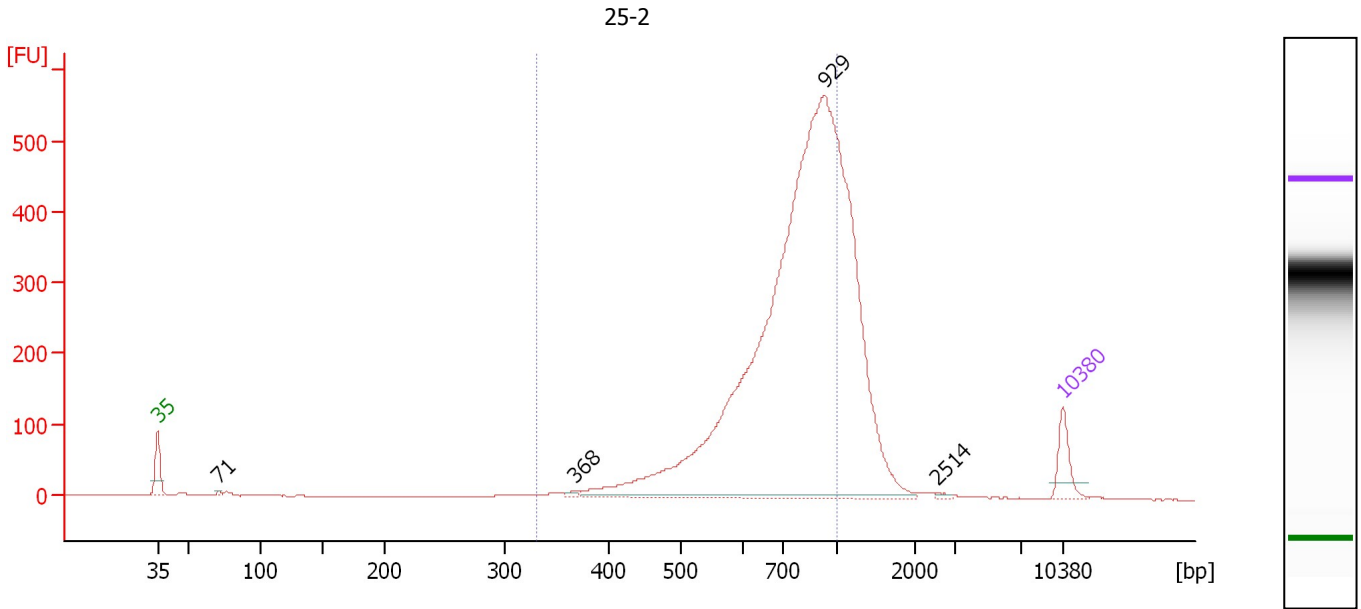
Region table for sample 6 : 14-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
378	1,000	760	726.7	675.07	1,411.6	66	19.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 25-2

Number of peaks found: 4 Corr. Area 1: 3,802.7
 Noise: 0.2

Peak table for sample 7 : 25-2

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	71	6.71	142.7		47.75
3	368	8.44	34.8		75.25
4	929	3,756.59	6,127.8		94.52
5	2,514	5.75	3.5		103.18
6	10,380	75.00	10.9	Upper Marker	113.00

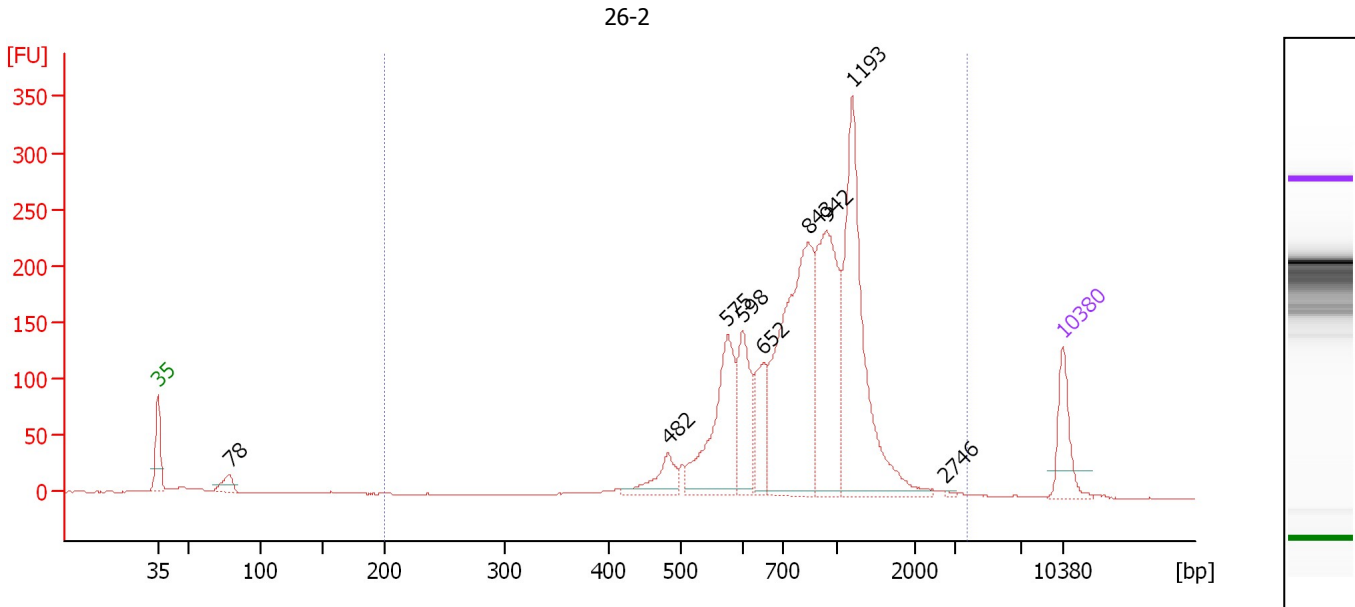
Region table for sample 7 : 25-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
332	1,000	751	3,802.7	3,178.49	6,829.8	76	20.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 26-2

Number of peaks found: 9 Corr. Area 1: 2,595.0
 Noise: 0.3

Peak table for sample 8 : 26-2

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	78	34.28	662.7		48.56
3	482	70.31	221.0		82.47
4	575	258.44	681.1		87.06
5	598	146.49	370.9		88.19
6	652	109.93	255.5		89.84
7	843	532.71	957.1		93.32
8	942	361.38	581.1		94.71
9	1,193	441.45	560.7		96.69
10	2,746	2.69	1.5		103.91
11	10,380	75.00	10.9	Upper Marker	113.00

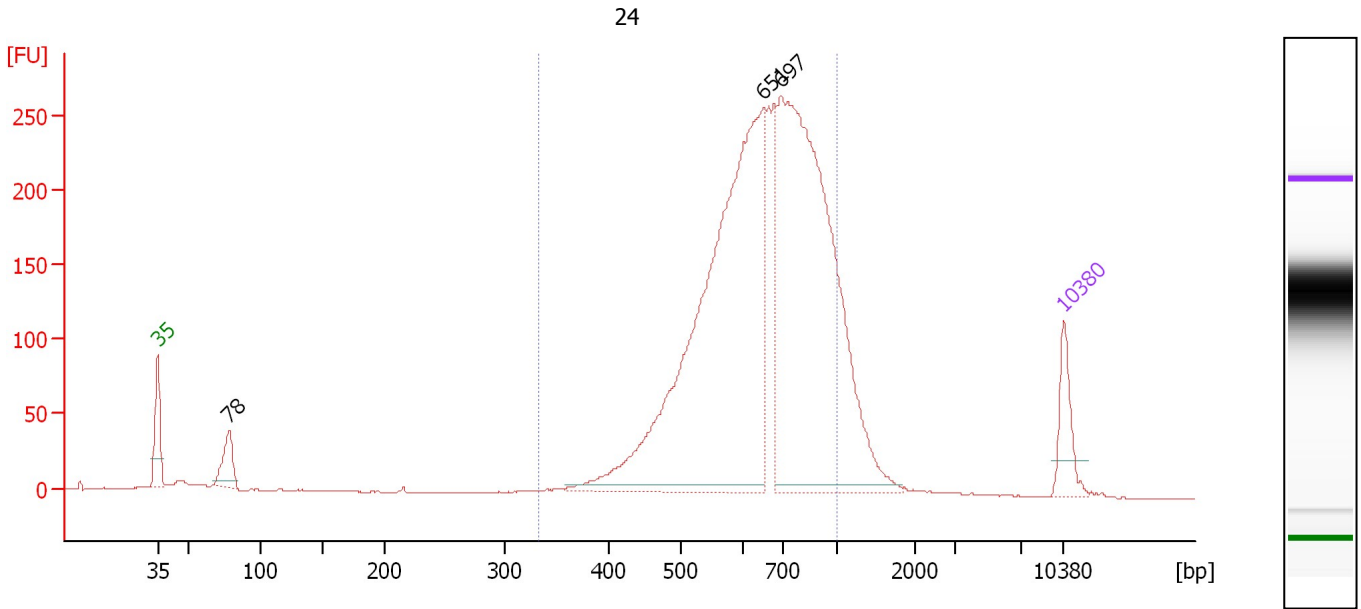
Region table for sample 8 : 26-2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	3,708	894	2,595.0	2,011.21	3,930.8	97	37.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

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 Modified: 3/6/2018 12:30:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 24

Number of peaks found: 3 Corr. Area 1: 3,034.6
 Noise: 0.2

Peak table for sample 9 : 24

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	78	99.33	1,924.7		48.54
3	651	1,446.49	3,367.1		89.81
4	697	1,380.01	2,998.7		91.22
5	10,380	75.00	10.9	Upper Marker	113.00

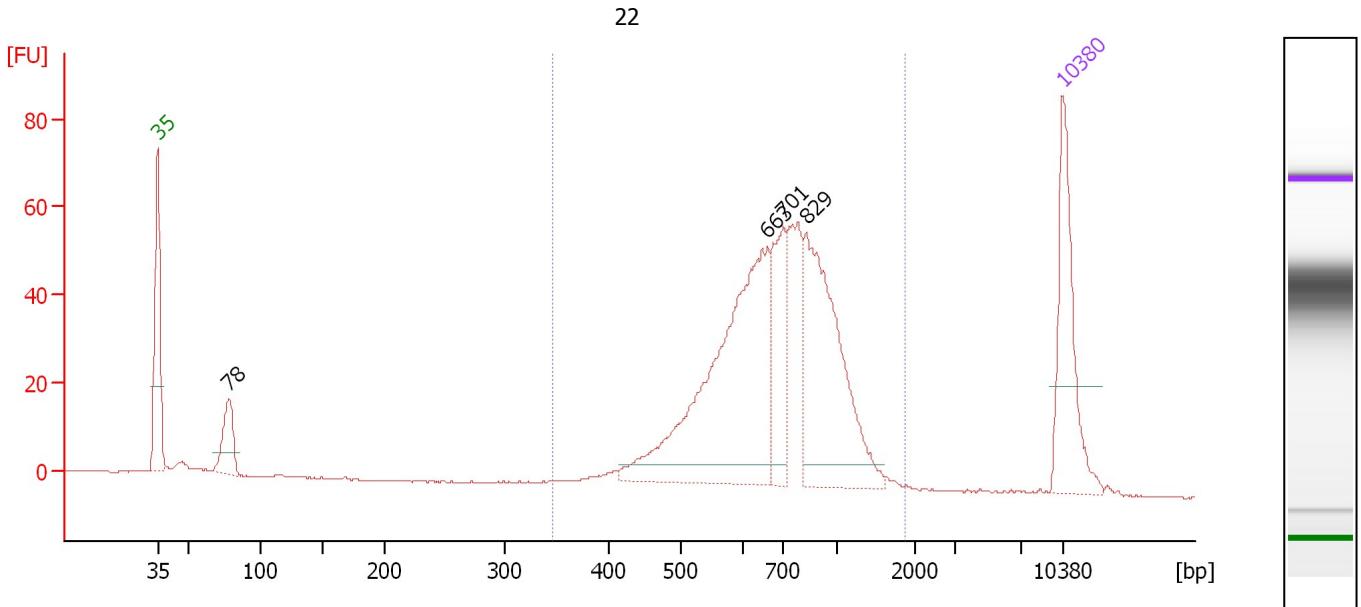
Region table for sample 9 : 24

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
333	1,000	672	3,034.6	2,840.60	6,781.9	89	21.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
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Electropherogram Summary Continued ...



Overall Results for sample 10 : 22

Number of peaks found: 4 Corr. Area 1: 666.8
 Noise: 0.2

Peak table for sample 10 : 22

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	78	45.96	888.9		48.56
3	663	282.36	645.4		90.18
4	701	73.71	159.3		91.32
5	829	179.53	328.2		93.12
6	10,380	75.00	10.9	Upper Marker	113.00

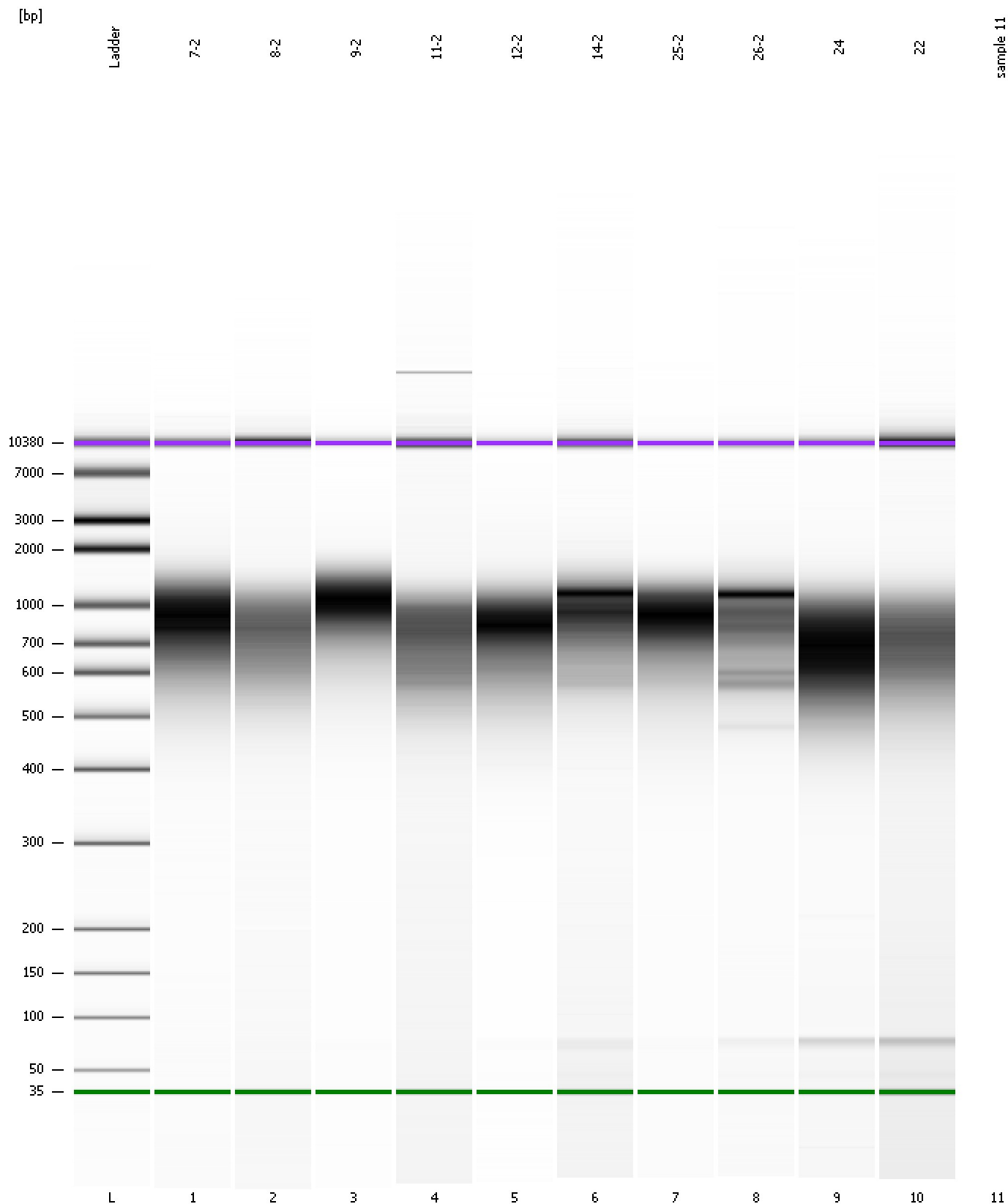
Region table for sample 10 : 22

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
346	1,871	740	666.8	618.73	1,379.7	94	28.4

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
Modified: 3/6/2018 12:30:17 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-06\2018-03-06_001.xad

Created: 3/6/2018 11:47:24 AM
Modified: 3/6/2018 12:30:17 PM

Invalid Samples

Sample 11 has not been run, no results available.