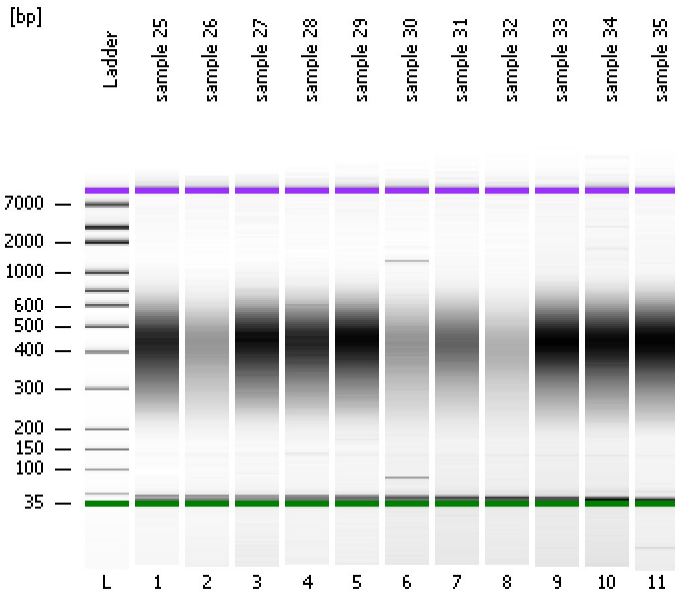


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
Modified: 1/8/2016 4:15:39 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

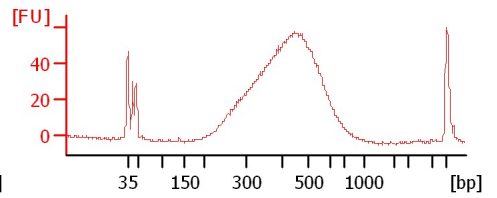
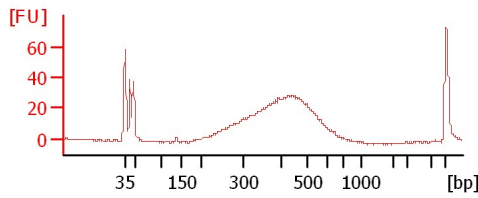
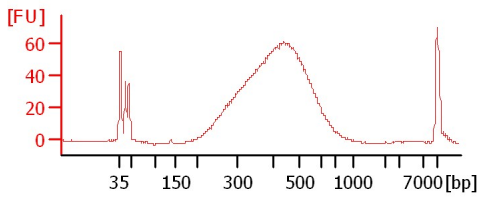
Chip Information:

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

sample 25

sample 26

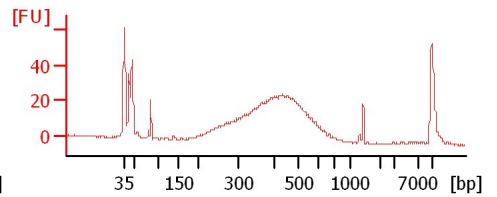
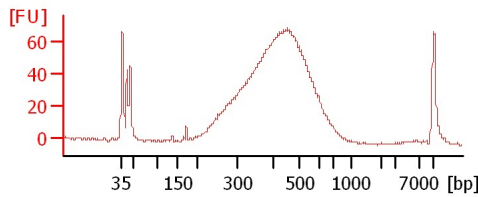
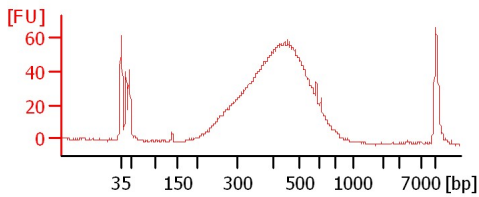
sample 27



sample 28

sample 29

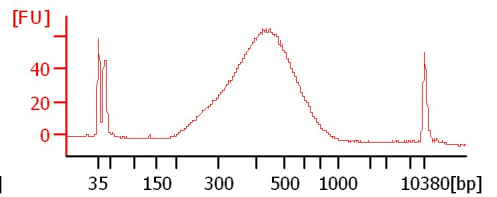
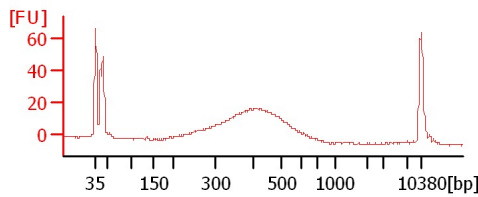
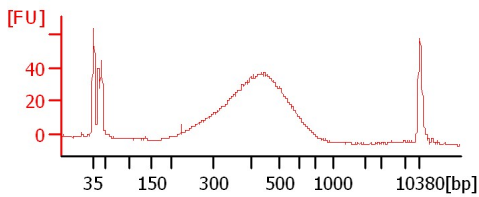
sample 30



sample 31

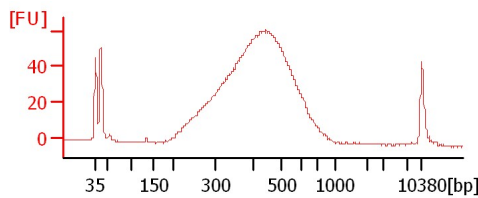
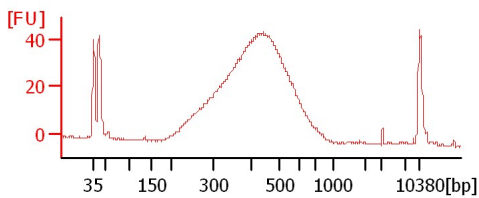
sample 32

sample 33



sample 34

sample 35



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
Modified: 1/8/2016 4:15:39 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 25		<input type="checkbox"/>	✓			
sample 26		<input type="checkbox"/>	✓			
sample 27		<input type="checkbox"/>	✓			
sample 28		<input type="checkbox"/>	✓			
sample 29		<input type="checkbox"/>	✓			
sample 30		<input type="checkbox"/>	✓			
sample 31		<input type="checkbox"/>	✓			
sample 32		<input type="checkbox"/>	✓			
sample 33		<input type="checkbox"/>	✓			
sample 34		<input type="checkbox"/>	✓			
sample 35		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
Modified: 1/8/2016 4:15:39 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

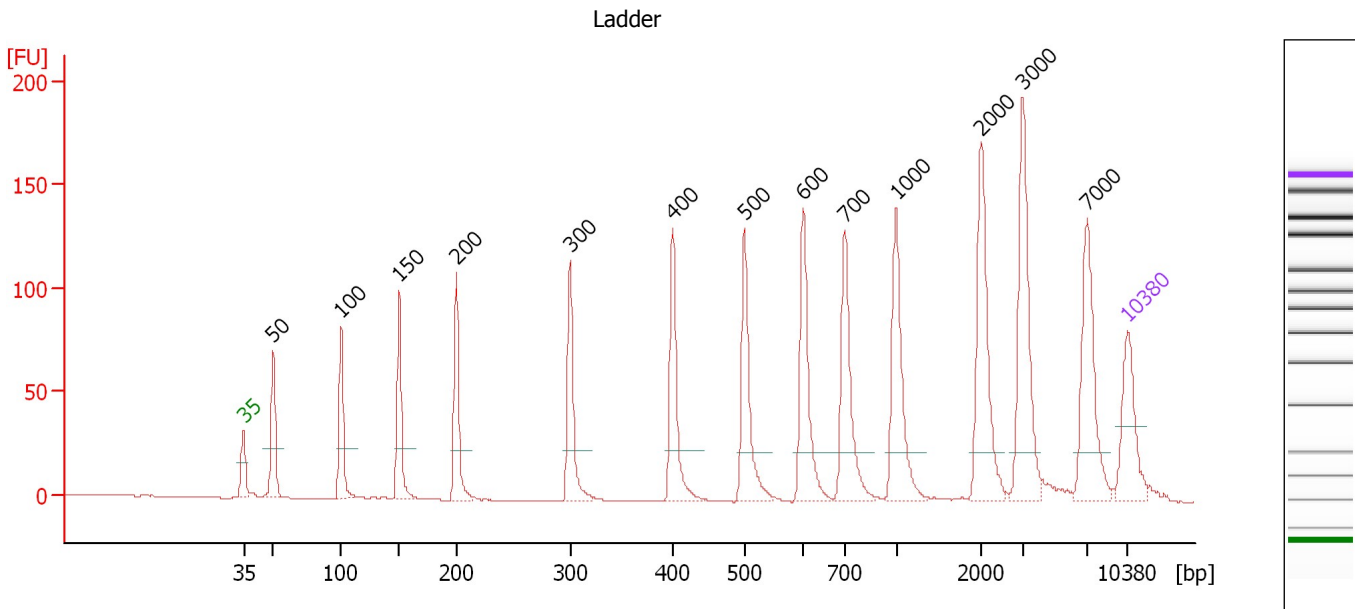
**Ladder**

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:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

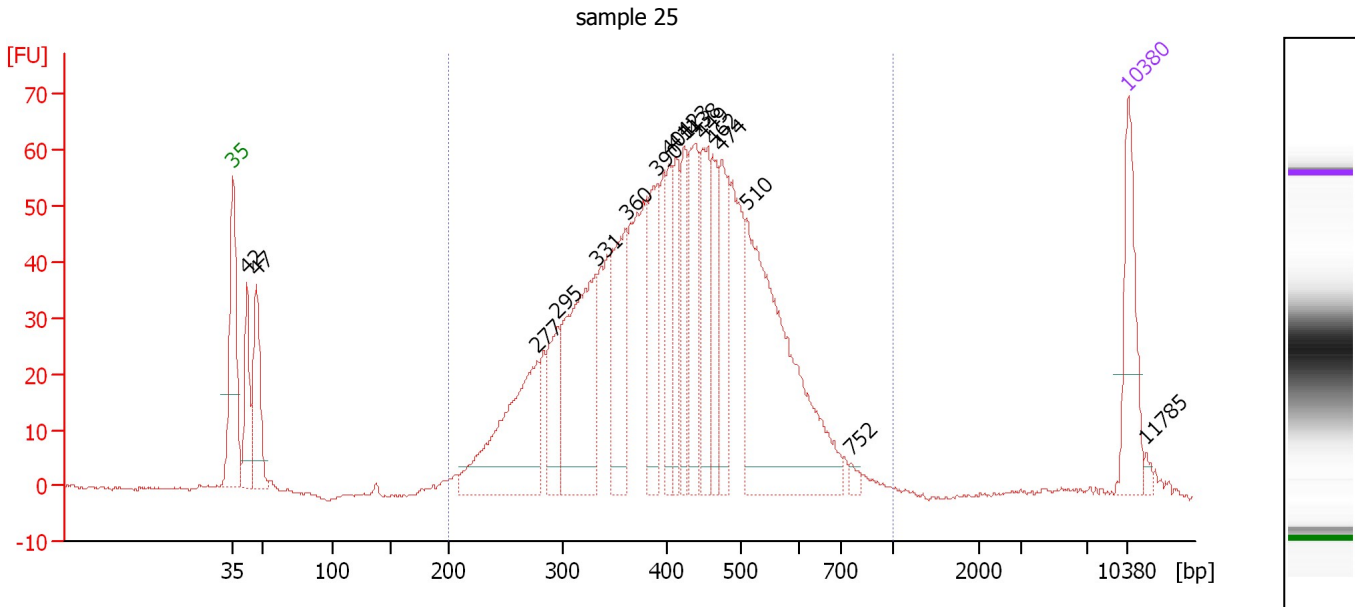
**Peak table for Ladder**

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	45.36
3	100	150.00	2,272.7	Ladder Peak	50.73
4	150	150.00	1,515.2	Ladder Peak	55.33
5	200	150.00	1,136.4	Ladder Peak	59.85
6	300	150.00	757.6	Ladder Peak	68.84
7	400	150.00	568.2	Ladder Peak	76.99
8	500	150.00	454.5	Ladder Peak	82.69
9	600	150.00	378.8	Ladder Peak	87.29
10	700	150.00	324.7	Ladder Peak	90.62
11	1,000	150.00	227.3	Ladder Peak	94.68
12	2,000	150.00	113.6	Ladder Peak	101.39
13	3,000	150.00	75.8	Ladder Peak	104.68
14	7,000	150.00	32.5	Ladder Peak	109.79
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : sample 25**

Number of peaks found: 17                      Corr. Area 1: 1,416.2  
 Noise: 0.2

**Peak table for sample 1 : sample 25**

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	42	100.08	3,621.0		44.08
3	47	130.55	4,241.1		44.83
4	277	240.37	1,312.9		66.81
5	295	81.05	416.3		68.39
6	331	253.70	1,160.1		71.39
7	360	147.50	620.8		73.73
8	390	120.67	469.2		76.14
9	401	68.31	257.9		77.06
10	411	74.53	274.9		77.60
11	423	75.69	271.4		78.27
12	438	108.50	375.4		79.15
13	449	111.69	377.0		79.77
14	462	71.68	235.1		80.52
15	474	93.50	298.6		81.23
16	510	382.84	1,137.3		83.15
17	752	7.55	15.2		91.32
18	10,380	75.00	10.9	Upper Marker	113.00
19	11,785	0.00	0.0		114.33

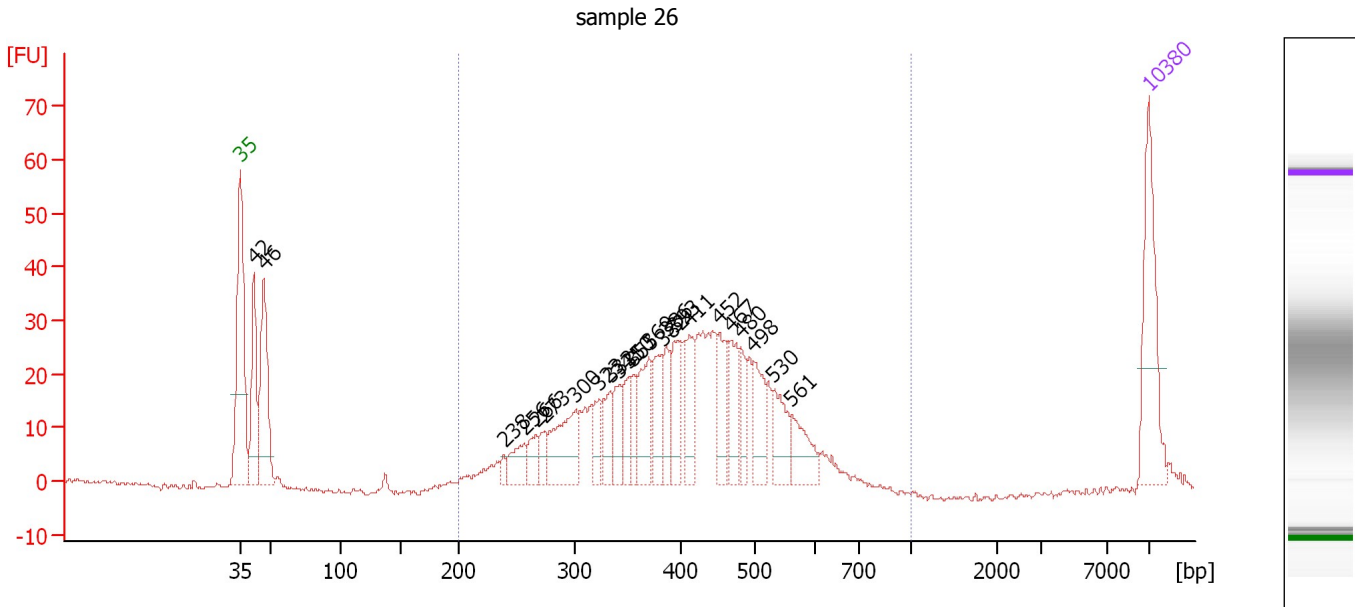
**Region table for sample 1 : sample 25**

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	422	1,416.2	9,248.9	2,342.17	92	25.6

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : sample 26**

Number of peaks found: 23                      Corr. Area 1: 587.1  
 Noise: 0.4

**Peak table for sample 2 : sample 26**

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	42	103.48	3,752.7		44.07
3	46	138.05	4,500.7		44.81
4	238	8.32	52.9		63.31
5	256	29.31	173.6		64.87
6	266	22.73	129.5		65.77
7	273	17.17	95.4		66.39
8	300	73.19	369.4		68.85
9	323	27.64	129.7		70.70
10	332	29.11	132.6		71.49
11	341	33.01	146.6		72.18
12	350	26.96	116.8		72.88
13	355	25.69	109.7		73.29
14	369	53.96	221.4		74.49
15	382	41.64	165.2		75.51
16	386	31.89	125.2		75.84
17	393	42.34	163.2		76.42
18	411	52.27	192.7		77.61
19	452	43.77	146.7		79.95
20	467	41.59	134.9		80.82
21	480	26.25	82.8		81.56
22	498	41.17	125.2		82.58
23	530	39.60	113.2		84.06
24	561	36.60	98.8		85.50
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**

... Region table for sample 2 :

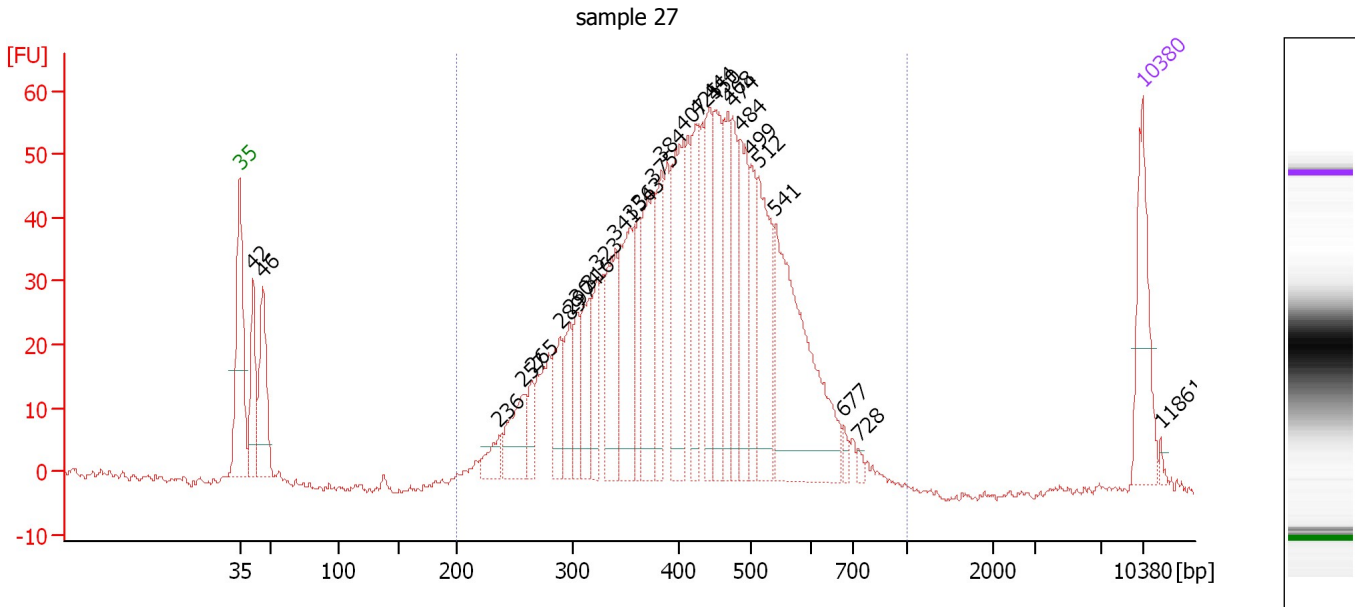
sample 26

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	587.1	3,841.9	963.67	85	22.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sample 27**

Number of peaks found: 28                      Corr. Area 1: 1,274.8  
 Noise: 0.7

**Peak table for sample 3 : sample 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	42	99.40	3,623.8		44.03
3	46	129.67	4,245.4		44.78
4	236	31.47	201.9		63.09
5	257	72.98	429.8		65.00
6	265	30.14	172.6		65.66
7	289	61.29	321.8		67.81
8	297	53.83	274.4		68.59
9	304	44.48	222.0		69.13
10	316	67.72	324.9		70.12
11	323	61.96	290.8		70.70
12	341	105.13	467.6		72.15
13	354	130.90	559.7		73.27
14	363	61.11	254.8		74.01
15	375	128.26	518.0		74.96
16	384	78.08	307.8		75.71
17	407	152.99	569.2		77.40
18	425	98.21	349.8		78.43
19	444	94.91	323.7		79.51
20	450	100.44	338.1		79.84
21	468	86.41	279.6		80.87
22	474	78.32	250.3		81.20
23	484	98.38	307.9		81.78
24	499	62.71	190.3		82.65
25	512	131.00	387.8		83.23




Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad


Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 3 : sample 27

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	541	266.00	745.5		84.55
27	677	8.43	18.9		89.85
28	728	5.80	12.1		91.00
29	 10,380	75.00	10.9	Upper Marker	113.00
30	11,861	0.00	0.0		114.41

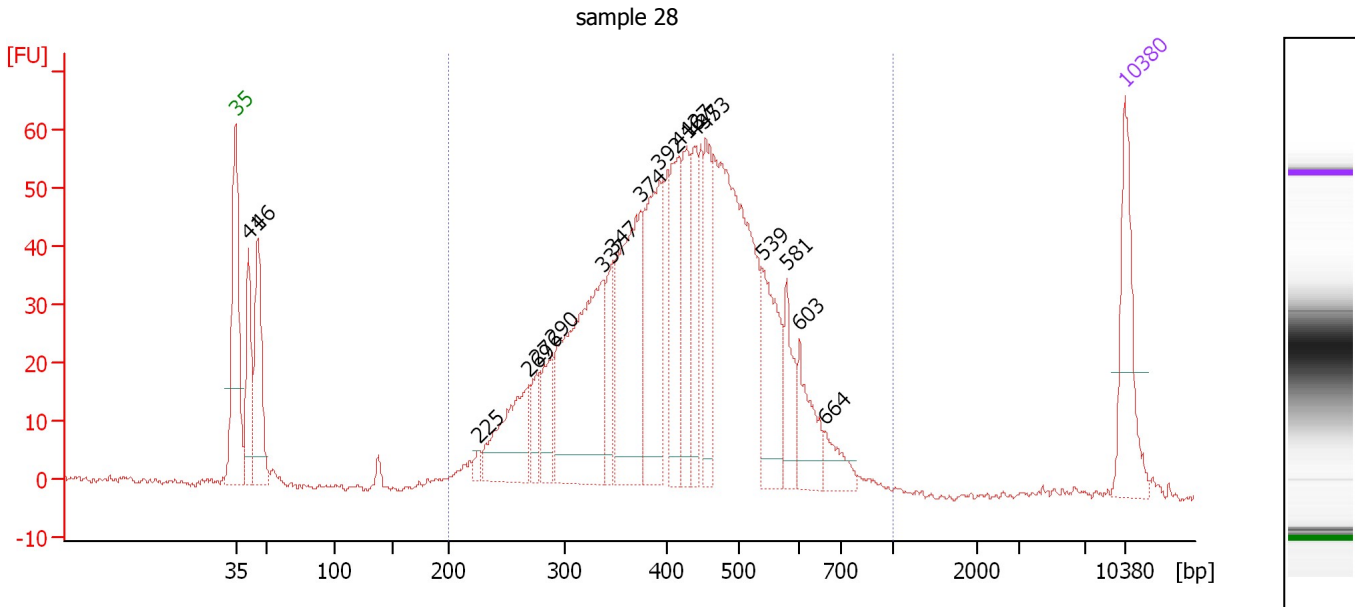
#### Region table for sample 3 : sample 27

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	428	1,274.8	9,669.9	 2,500.28	94	24.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : sample 28**

Number of peaks found: 18                      Corr. Area 1: 1,303.0  
 Noise: 0.4

**Peak table for sample 4 : sample 28**

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	41	112.60	4,122.1		44.01
3	46	152.67	5,008.9		44.76
4	225	9.31	62.7		62.09
5	269	120.38	677.2		66.08
6	276	38.48	211.0		66.71
7	290	59.40	310.5		67.93
8	337	286.55	1,287.4		71.87
9	347	55.77	243.5		72.67
10	374	215.45	872.1		74.89
11	392	159.14	615.4		76.32
12	416	103.29	376.6		77.87
13	427	85.36	303.2		78.50
14	437	75.37	261.4		79.09
15	453	89.28	298.5		80.01
16	539	102.56	288.5		84.46
17	581	48.72	127.2		86.39
18	603	56.46	141.8		87.40
19	664	28.42	64.9		89.41
20	10,380	75.00	10.9	Upper Marker	113.00

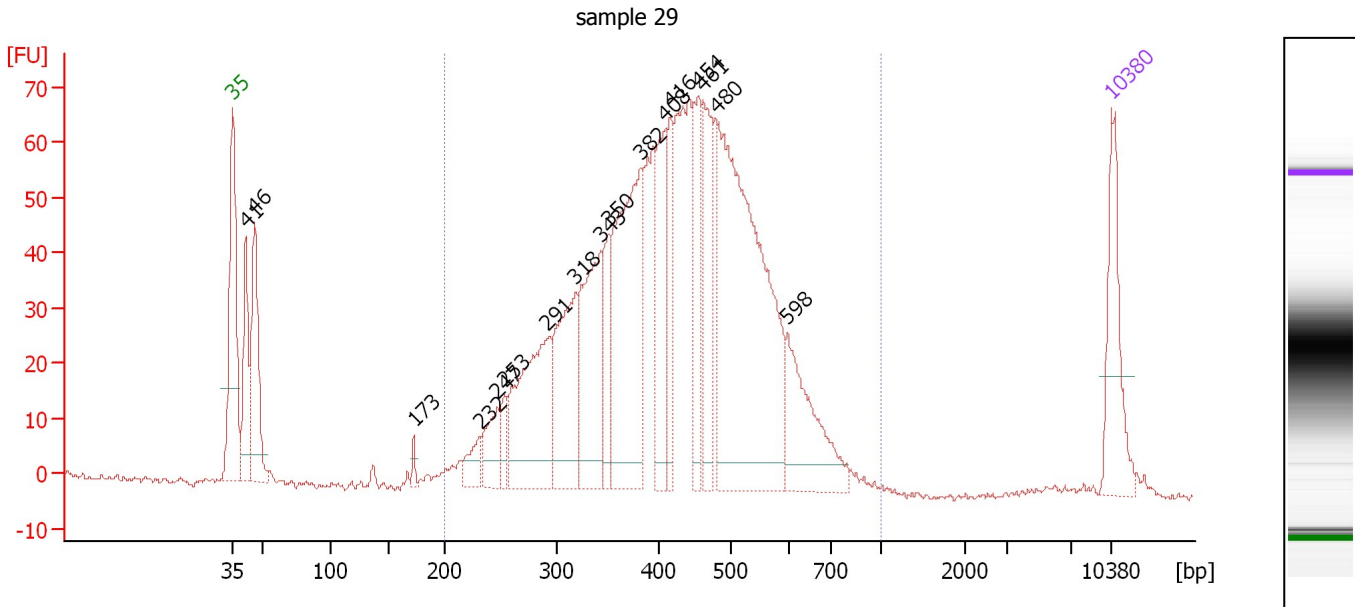
**Region table for sample 4 : sample 28**

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	426	1,303.0	8,303.7	2,125.91	91	25.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : sample 29**

Number of peaks found: 17                      Corr. Area 1: 1,540.8  
 Noise: 0.5

**Peak table for sample 5 : sample 29**

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	41	112.08	4,095.1		44.02
3	46	162.16	5,335.5		44.74
4	173	8.53	74.7		57.40
5	232	32.07	209.6		62.71
6	247	51.86	318.2		64.07
7	253	27.32	163.5		64.62
8	291	207.27	1,079.6		68.02
9	318	159.59	760.2		70.31
10	343	170.25	753.0		72.31
11	350	73.78	319.5		72.90
12	382	276.65	1,098.2		75.49
13	408	109.49	406.5		77.45
14	416	73.79	269.0		77.87
15	454	104.80	349.5		80.08
16	461	107.75	354.1		80.46
17	480	516.04	1,630.2		81.53
18	598	118.86	301.4		87.17
19	10,380	75.00	10.9	Upper Marker	113.00

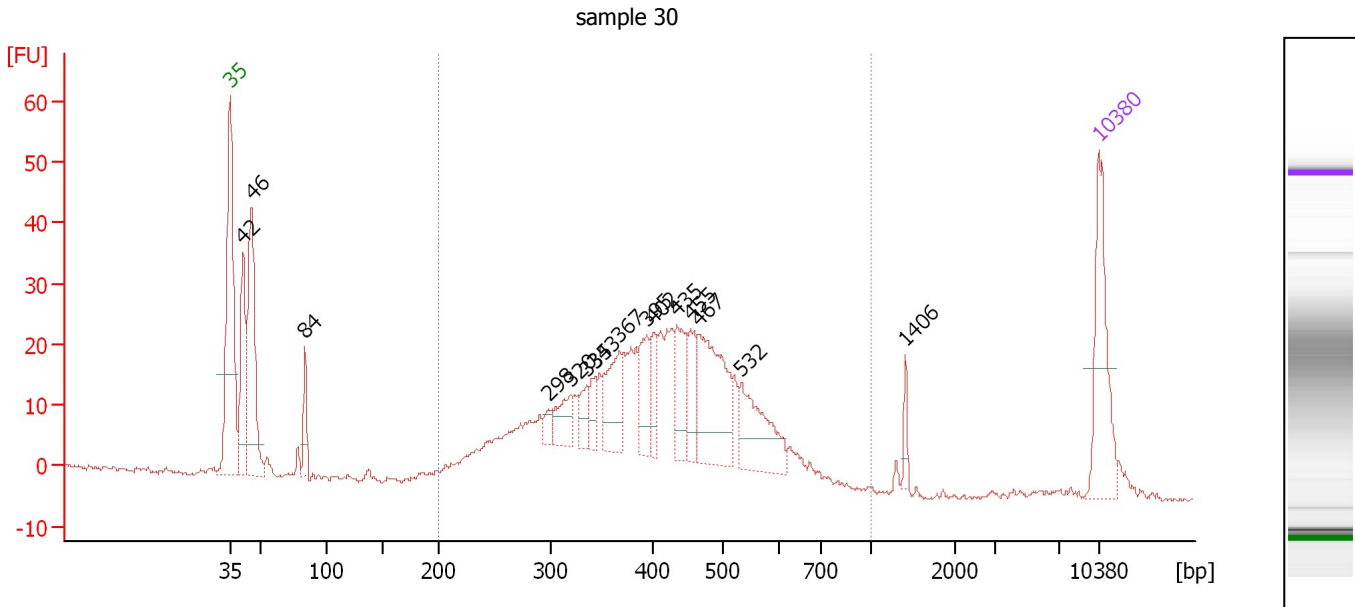
**Region table for sample 5 : sample 29**

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	429	1,540.8	9,352.1	2,405.97	91	25.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : sample 30**

Number of peaks found: 15                      Corr. Area 1: 577.8  
 Noise: 0.5

**Peak table for sample 6 : sample 30**

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	42	119.59	4,361.7		44.03
3	46	191.72	6,327.8		44.72
4	84	35.49	639.7		49.02
5	298	11.85	60.3		68.65
6	320	34.98	165.7		70.46
7	335	22.10	99.9		71.70
8	343	20.14	89.0		72.35
9	367	63.68	262.6		74.33
10	395	42.42	162.8		76.56
11	402	30.83	116.1		77.12
12	435	57.05	198.5		79.01
13	455	37.89	126.2		80.13
14	467	125.33	406.5		80.81
15	532	80.19	228.3		84.17
16	1,406	11.24	12.1		97.40
17	10,380	75.00	10.9	Upper Marker	113.00

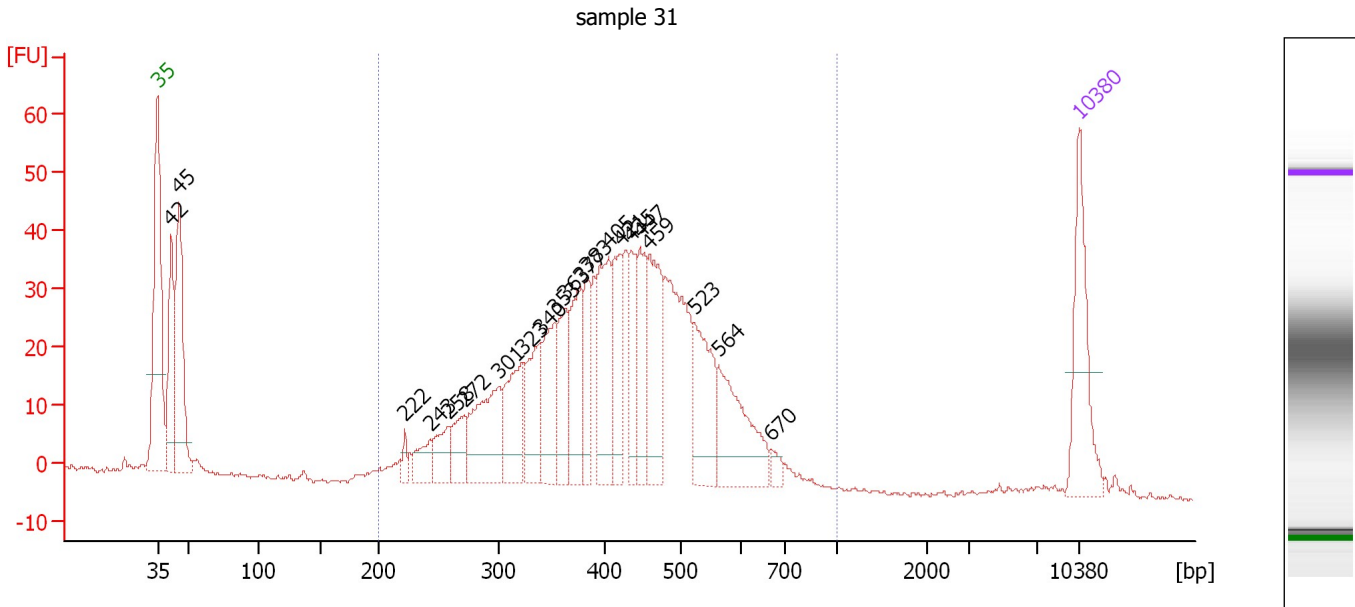
**Region table for sample 6 : sample 30**

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	418	577.8	4,559.7	1,142.11	80	25.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : sample 31**

Number of peaks found: 21                      Corr. Area 1: 847.4  
 Noise: 0.4

**Peak table for sample 7 : sample 31**

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	42	117.65	4,283.0		44.04
3	45	174.41	5,845.8		44.61
4	222	11.35	77.6		61.78
5	243	28.13	175.5		63.70
6	258	34.87	204.5		65.09
7	272	36.94	205.9		66.30
8	301	106.06	533.1		68.96
9	323	78.49	367.8		70.74
10	340	68.04	303.3		72.09
11	353	77.09	330.7		73.17
12	363	61.82	258.2		73.96
13	377	75.74	304.6		75.09
14	383	45.62	180.7		75.57
15	405	99.09	370.9		77.26
16	421	67.60	243.4		78.17
17	435	49.21	171.3		79.00
18	447	67.35	228.4		79.65
19	459	99.00	326.8		80.35
20	523	88.11	255.3		83.74
21	564	98.80	265.6		85.61
22	670	10.30	23.3		89.61
23	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**

... Region table for sample 7 :

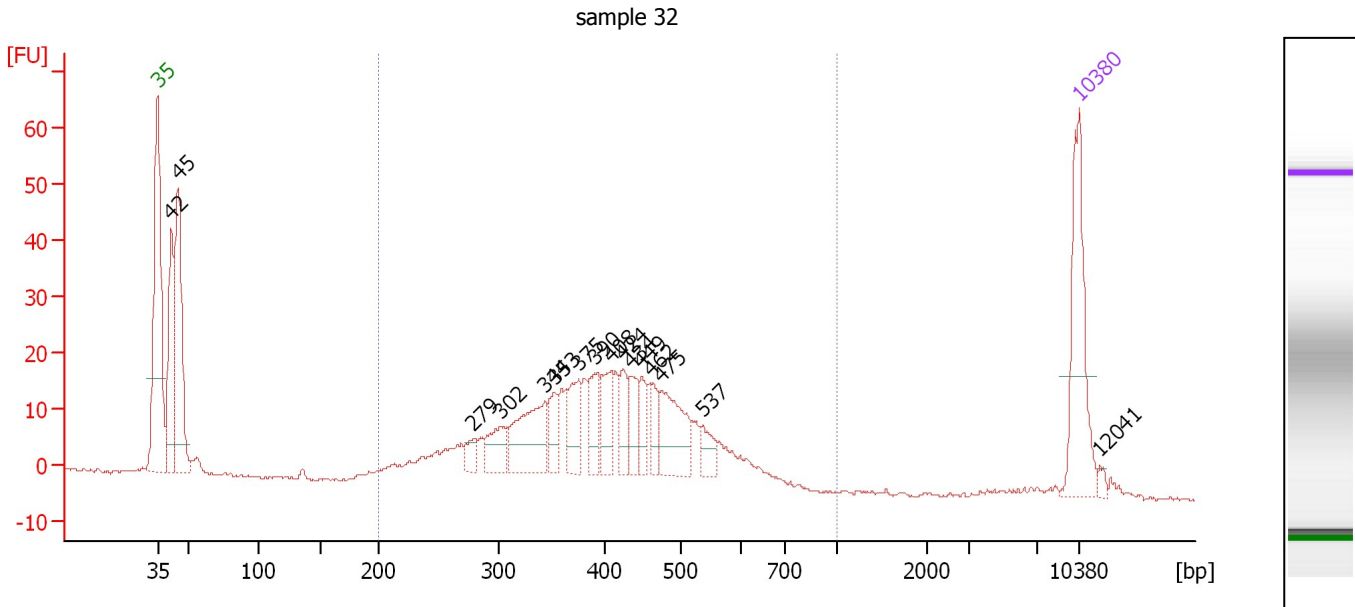
sample 31

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	426	847.4	5,718.7	1,469.44	87	24.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : sample 32**

Number of peaks found: 16                      Corr. Area 1: 419.6  
 Noise: 0.3

**Peak table for sample 8 : sample 32**

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	42	114.09	4,148.5		44.05
3	45	168.19	5,697.5		44.53
4	279	14.04	76.2		66.96
5	302	30.07	150.7		69.02
6	344	71.11	313.1		72.44
7	353	23.67	101.7		73.14
8	375	39.76	160.5		74.98
9	390	30.87	119.8		76.20
10	408	30.95	115.0		77.43
11	424	24.15	86.3		78.35
12	434	24.54	85.7		78.92
13	449	19.27	65.1		79.75
14	462	19.12	62.8		80.50
15	475	60.65	193.6		81.24
16	537	17.89	50.5		84.40
17	10,380	75.00	10.9	Upper Marker	113.00
18	12,041	0.00	0.0		114.58

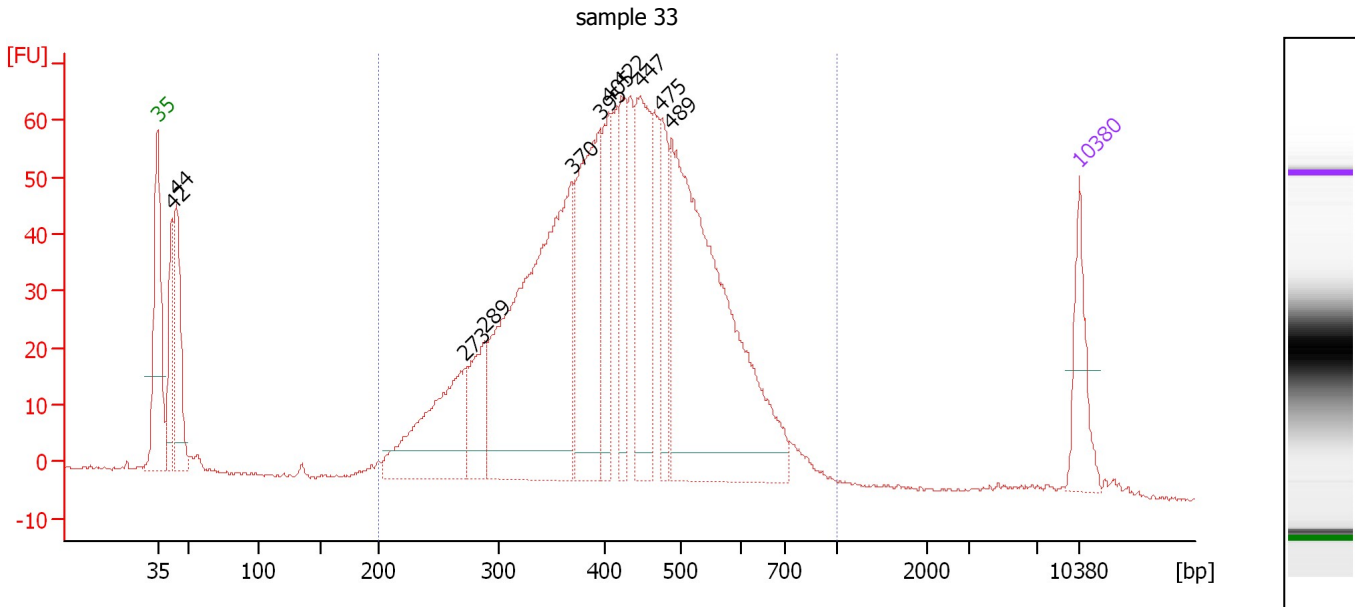
**Region table for sample 8 : sample 32**

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	409	419.6	2,751.0	681.56	76	23.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : sample 33**

Number of peaks found: 11                      Corr. Area 1: 1,464.0  
 Noise: 0.2

**Peak table for sample 9 : sample 33**

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	42	138.74	5,036.1		44.06
3	44	205.66	7,083.6		44.42
4	273	286.96	1,594.8		66.38
5	289	116.58	611.4		67.84
6	370	747.96	3,064.7		74.52
7	395	341.15	1,307.5		76.61
8	405	145.11	542.9		77.27
9	422	134.25	482.0		78.24
10	447	237.45	805.0		79.66
11	475	112.22	358.1		81.25
12	489	777.52	2,409.8		82.05
13	10,380	75.00	10.9	Upper Marker	113.00

**Region table for sample 9 : sample 33**

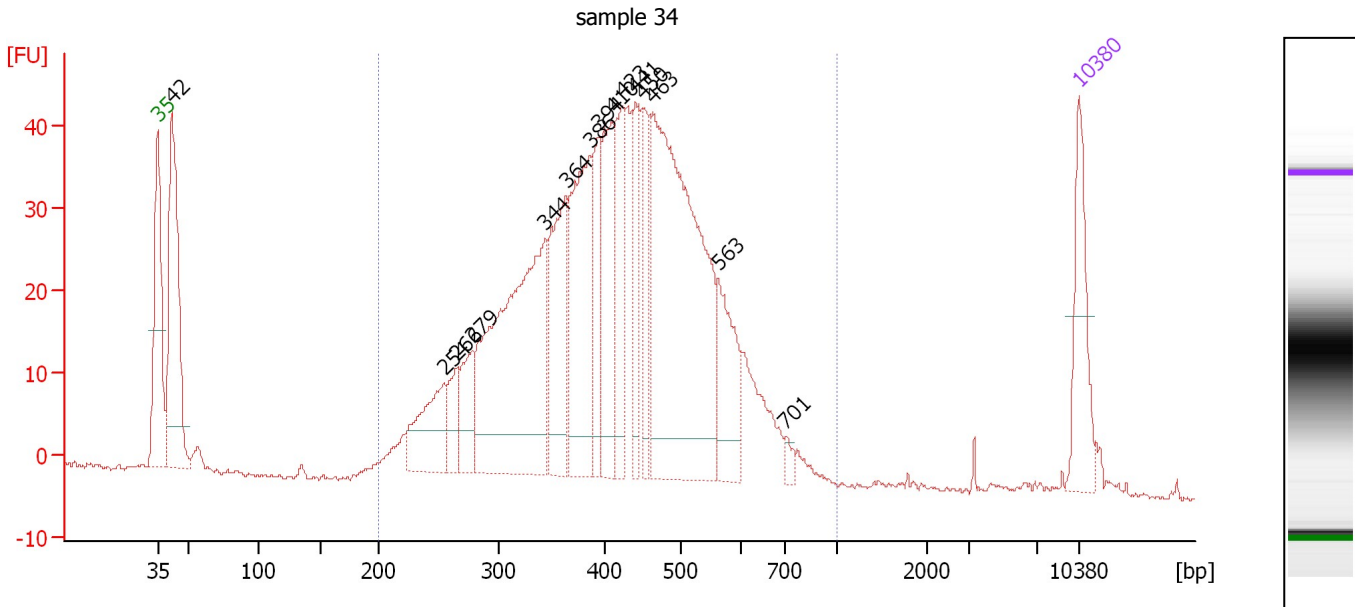
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	431	1,464.0	12,829.2	3,307.88	92	26.0



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : sample 34**

Number of peaks found: 15                      Corr. Area 1: 972.2  
 Noise: 0.3

**Peak table for sample 10 : sample 34**

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	42	308.96	11,214.6		44.06
3	254	105.93	630.8		64.74
4	266	42.81	244.1		65.76
5	279	69.69	379.1		66.91
6	344	425.56	1,873.1		72.44
7	364	156.52	650.9		74.08
8	386	210.60	826.5		75.85
9	394	91.50	352.1		76.47
10	410	128.80	476.4		77.54
11	423	115.16	412.7		78.29
12	441	79.33	272.8		79.31
13	450	78.08	262.9		79.84
14	463	522.87	1,710.2		80.59
15	563	102.68	276.2		85.59
16	701	10.44	22.5		90.64
17	10,380	75.00	10.9	Upper Marker	113.00

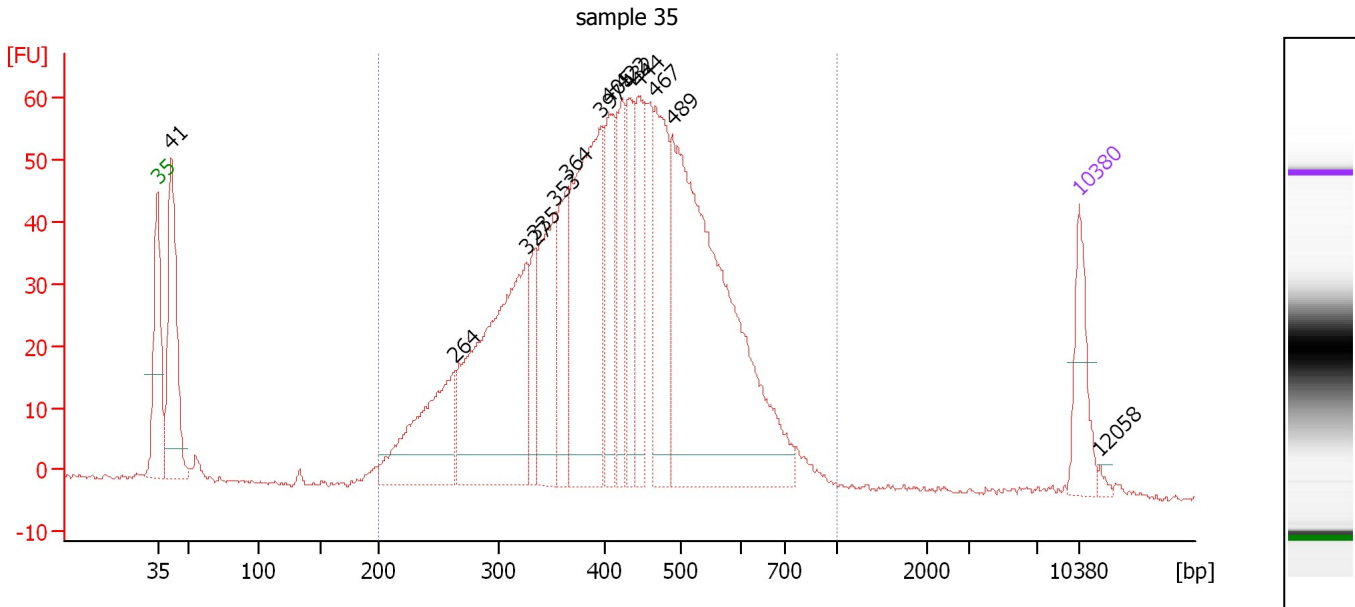
**Region table for sample 10 : sample 34**

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	427	972.2	9,418.8	2,411.20	91	25.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
 Modified: 1/8/2016 4:15:39 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 35**

Number of peaks found: 14                      Corr. Area 1: 1,387.7  
 Noise: 0.3

**Peak table for sample 11 : sample 35**

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	41	347.44	12,698.2		44.02
3	264	269.79	1,550.7		65.57
4	327	561.33	2,603.8		71.01
5	335	79.25	358.7		71.67
6	353	212.09	909.7		73.18
7	364	141.30	588.0		74.06
8	397	444.53	1,697.9		76.72
9	405	150.13	561.1		77.29
10	422	127.08	455.8		78.27
11	432	128.25	450.1		78.80
12	444	152.45	520.0		79.50
13	467	229.02	742.3		80.83
14	489	842.87	2,610.5		82.07
15	10,380	75.00	10.9	Upper Marker	113.00
16	12,058	0.00	0.0		114.59

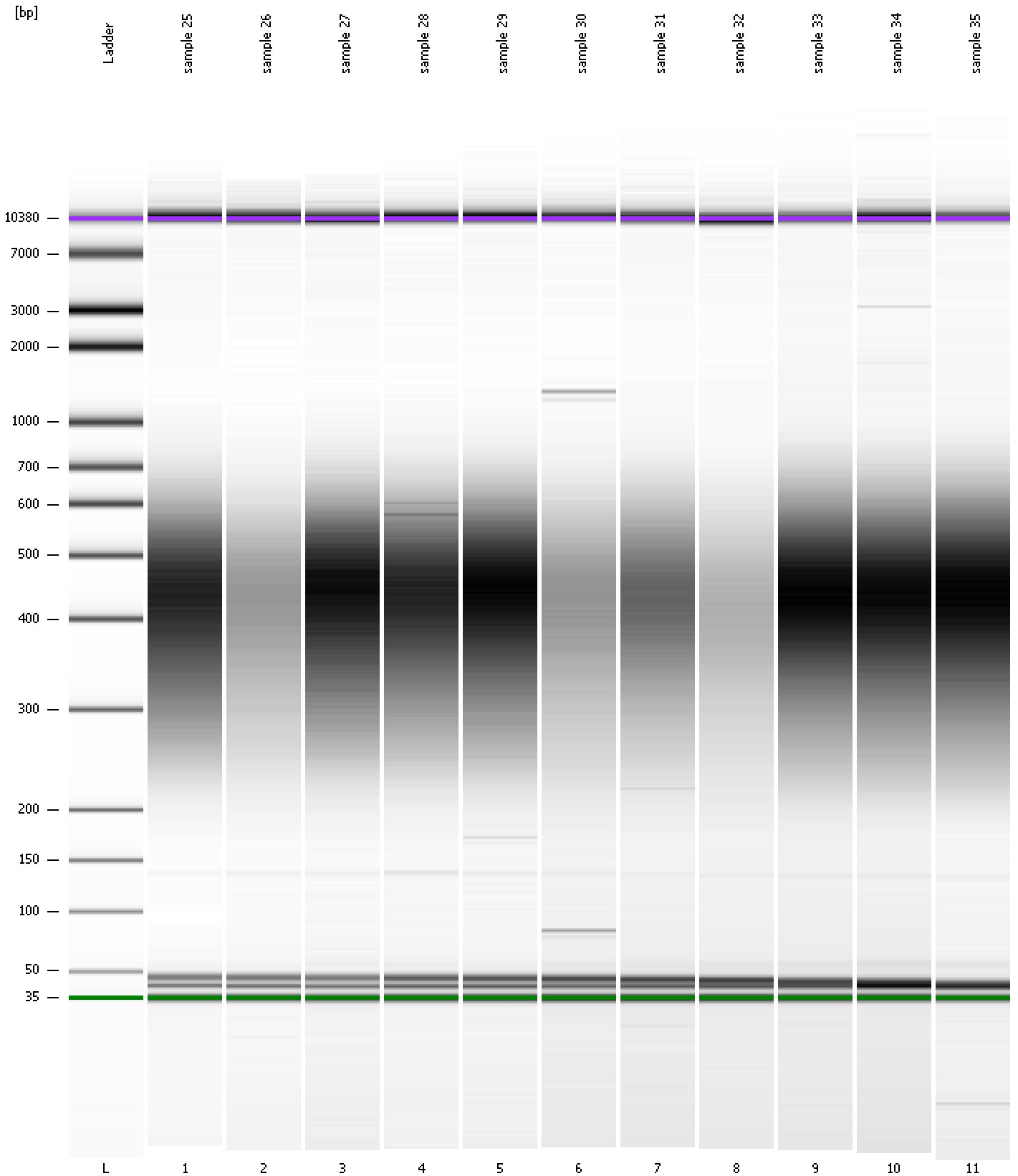
**Region table for sample 11 : sample 35**

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	428	1,387.7	13,677.9	3,494.11	92	26.2

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad

Created: 1/8/2016 3:31:30 PM  
Modified: 1/8/2016 4:15:39 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay Created: 1/8/2016 3:31:30 PM  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-08\2016-01-08\_003.xad Modified: 1/8/2016 4:15:39 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		1/8/2016 4:12:48 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2016-01-08\2016-01-08_003.xad)		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/8/2016 3:31:35 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1