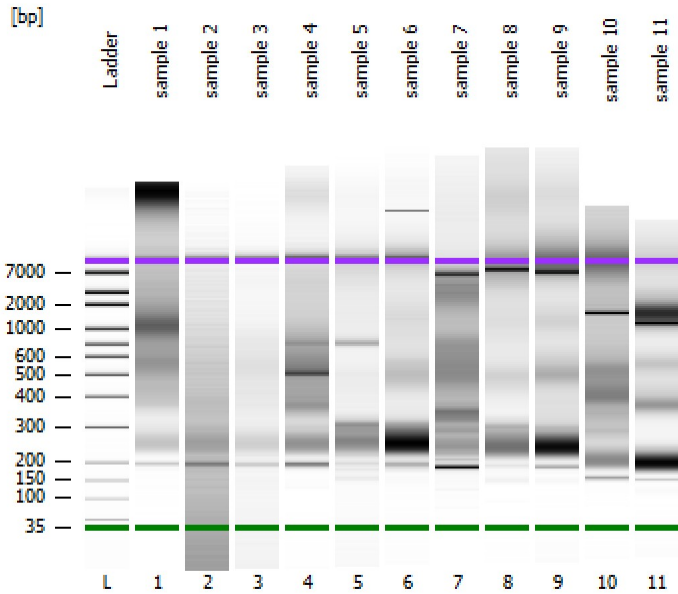


Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
Modified: 1/15/2020 4:50:52 PM

**Electrophoresis File Run Summary**



Instrument Information:

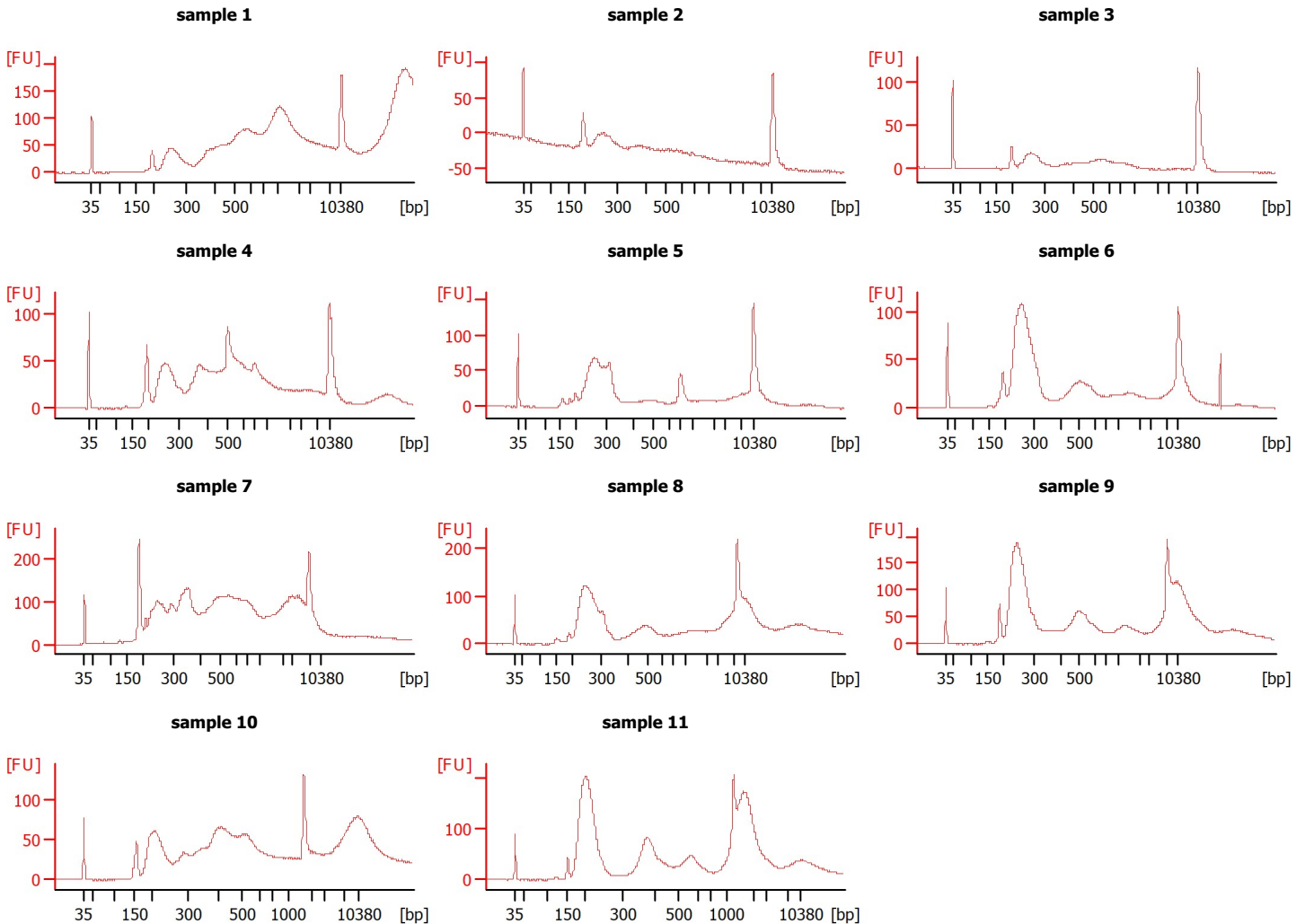
Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\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: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>	✓			
sample 4		<input type="checkbox"/>	✓			
sample 5		<input type="checkbox"/>	✓			
sample 6		<input type="checkbox"/>	✓			
sample 7		<input type="checkbox"/>	✓			
sample 8		<input type="checkbox"/>	✓			
sample 9		<input type="checkbox"/>	✓			
sample 10		<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: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 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

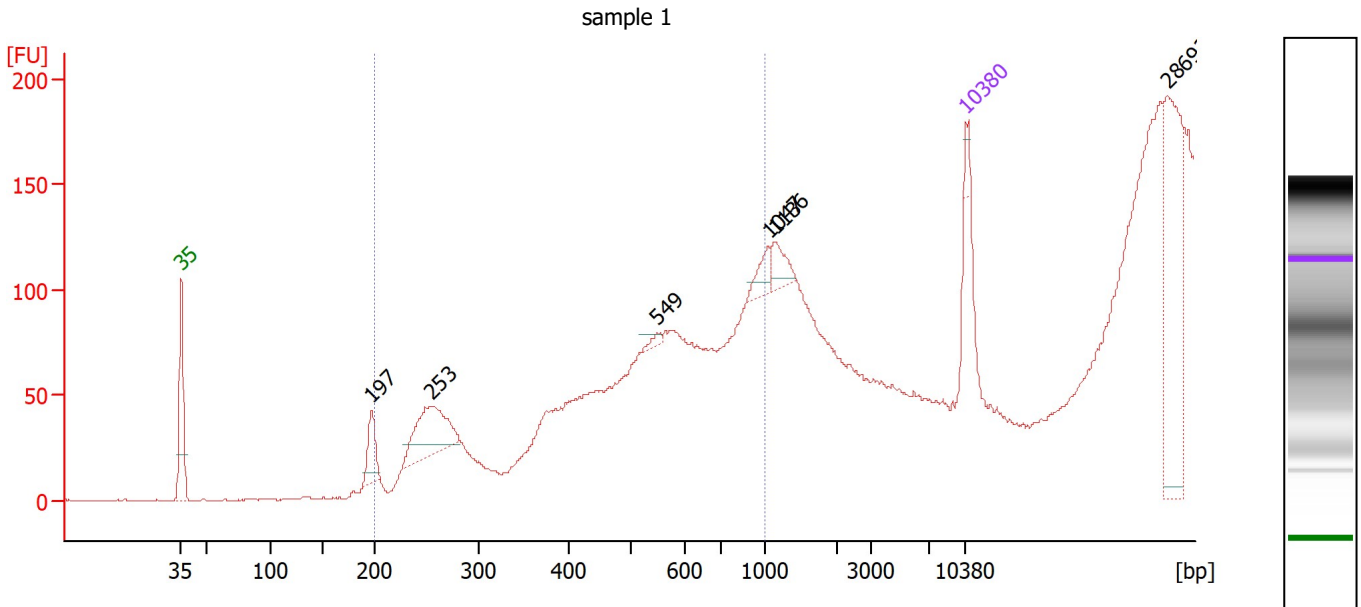
**Ladder**

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: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary**



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

Number of peaks found: 6                      Corr. Area 1: 3.8  
 Noise: 0.3

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	197	430.55	3,317.3	
3	253	1,040.59	6,227.4	
4	549	62.15	171.6	
5	1,047	187.96	272.0	
6	1,136	210.96	281.3	
7	10,380	75.00	10.9	Upper Marker
8	28,693	0.00	0.0	

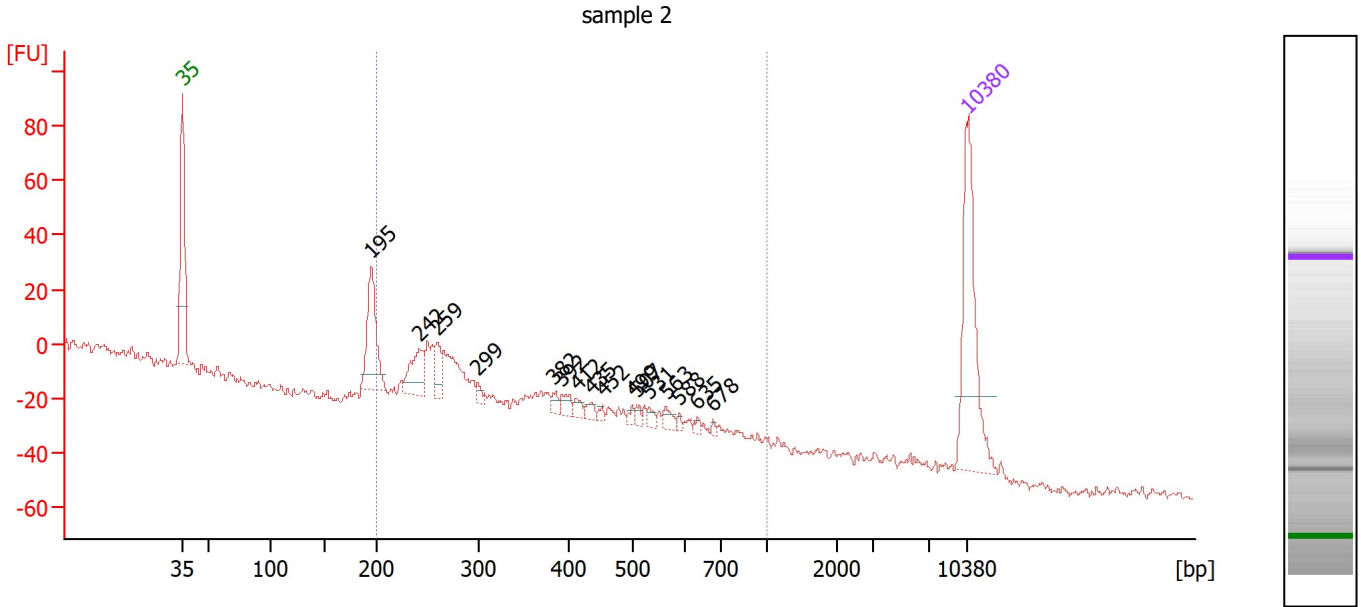
**Region table for sample 1 : sample 1**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	3.8	6	978	1.5	23.60	36.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 16      Corr. Area 1: 226.5  
 Noise: 1.7

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	195	65.32	507.2	
3	242	32.19	201.3	
4	259	17.85	104.2	
5	299	3.99	20.2	
6	382	5.25	20.8	
7	392	7.82	30.3	
8	412	5.32	19.6	
9	435	4.78	16.6	
10	452	2.79	9.3	
11	499	3.15	9.6	
12	507	3.40	10.2	
13	531	4.01	11.4	
14	563	6.24	16.8	
15	588	2.15	5.5	
16	635	2.35	5.6	
17	678	1.85	4.1	
18	10,380	75.00	10.9	Upper Marker

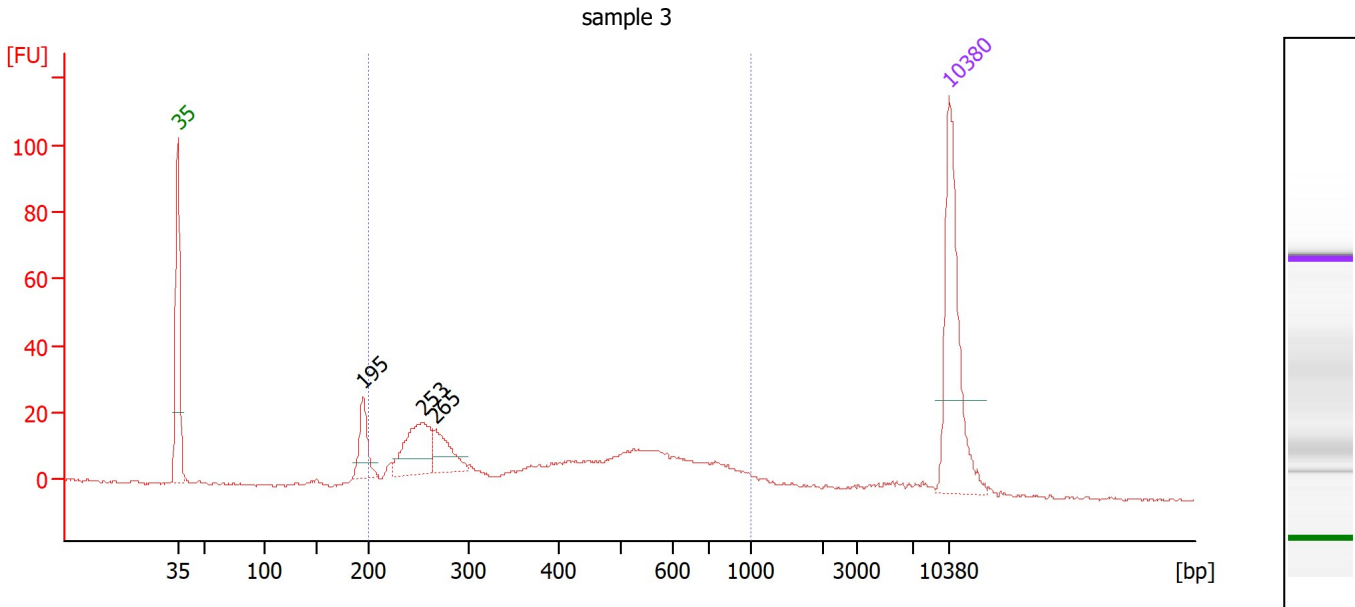
**Region table for sample 2 : sample 2**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	226.5	79	352	38.0	179.19	905.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 3                      Corr. Area 1: 416.2  
 Noise: 0.3

**Peak table for sample 3 : sample 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	195	32.57	253.6	
3	253	55.69	334.0	
4	265	29.65	169.3	
5	10,380	75.00	10.9	Upper Marker

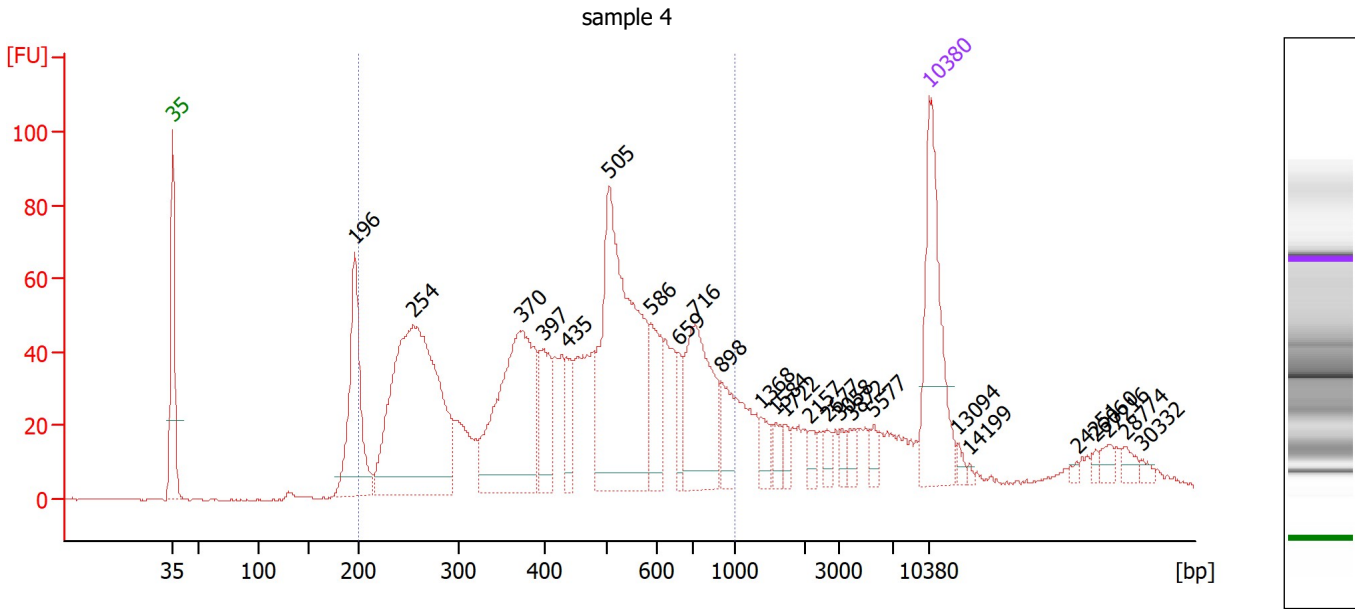
**Region table for sample 3 : sample 3**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	416.2	82	443	42.1	309.69	1,356.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 25                      Corr. Area 1: 1,611.7  
 Noise: 0.3

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	196	115.07	891.7	
3	254	301.68	1,798.6	
4	370	167.75	686.0	
5	397	46.02	175.7	
6	435	26.67	92.8	
7	505	229.53	689.2	
8	586	42.39	109.6	
9	659	17.18	39.5	
10	716	90.65	191.9	
11	898	23.31	39.3	
12	1,368	10.39	11.5	
13	1,584	7.44	7.1	
14	1,722	6.59	5.8	
15	2,157	6.15	4.3	
16	2,677	6.43	3.6	
17	3,058	5.25	2.6	
18	3,872	7.55	3.0	
19	5,577	6.82	1.9	
20	10,380	75.00	10.9	Upper Marker
21	13,094	0.00	0.0	
22	14,199	0.00	0.0	
23	24,251	0.00	0.0	
24	26,060	0.00	0.0	
25	27,216	0.00	0.0	
26	28,774	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 4 : sample 4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	30,332	0.00	0.0	

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

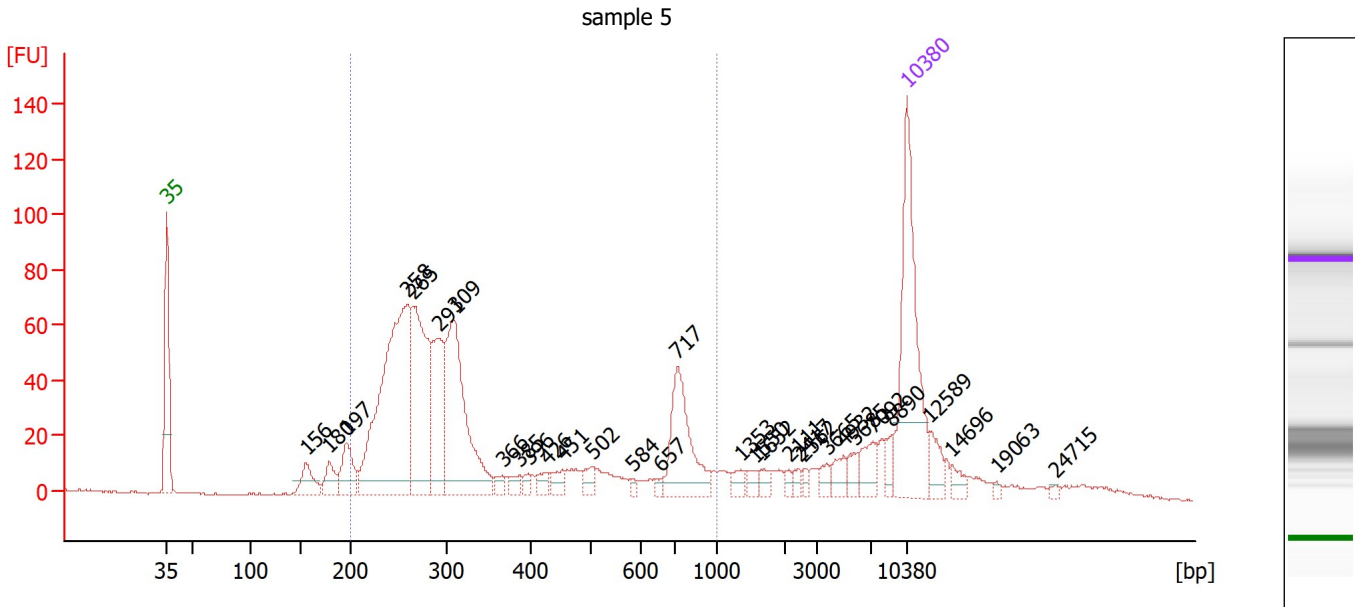
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,611.7	78	473	38.0	1,139.76	4,549.6	



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 31                      Corr. Area 1: 1,096.7  
 Noise: 0.4

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	156	18.92	183.9	
3	180	14.67	123.8	
4	197	25.36	194.7	
5	258	201.72	1,182.5	
6	265	111.68	638.4	
7	291	62.35	324.7	
8	309	120.27	589.5	
9	366	4.46	18.5	
10	385	5.57	21.9	
11	396	3.67	14.1	
12	426	6.17	21.9	
13	451	6.90	23.2	
14	502	7.53	22.7	
15	584	2.19	5.7	
16	657	2.94	6.8	
17	717	54.52	115.2	
18	1,353	5.06	5.7	
19	1,550	4.40	4.3	
20	1,652	4.44	4.1	
21	2,111	2.38	1.7	
22	2,417	3.01	1.9	
23	2,562	2.49	1.5	
24	3,665	4.27	1.8	
25	4,932	7.61	2.3	
26	5,685	6.13	1.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : sample 5**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	7,092	11.27	2.4	
28	8,890	5.78	1.0	
29	10,380	75.00	10.9	Upper Marker
30	12,589	0.00	0.0	
31	14,696	0.00	0.0	
32	19,063	0.00	0.0	
33	24,715	0.00	0.0	

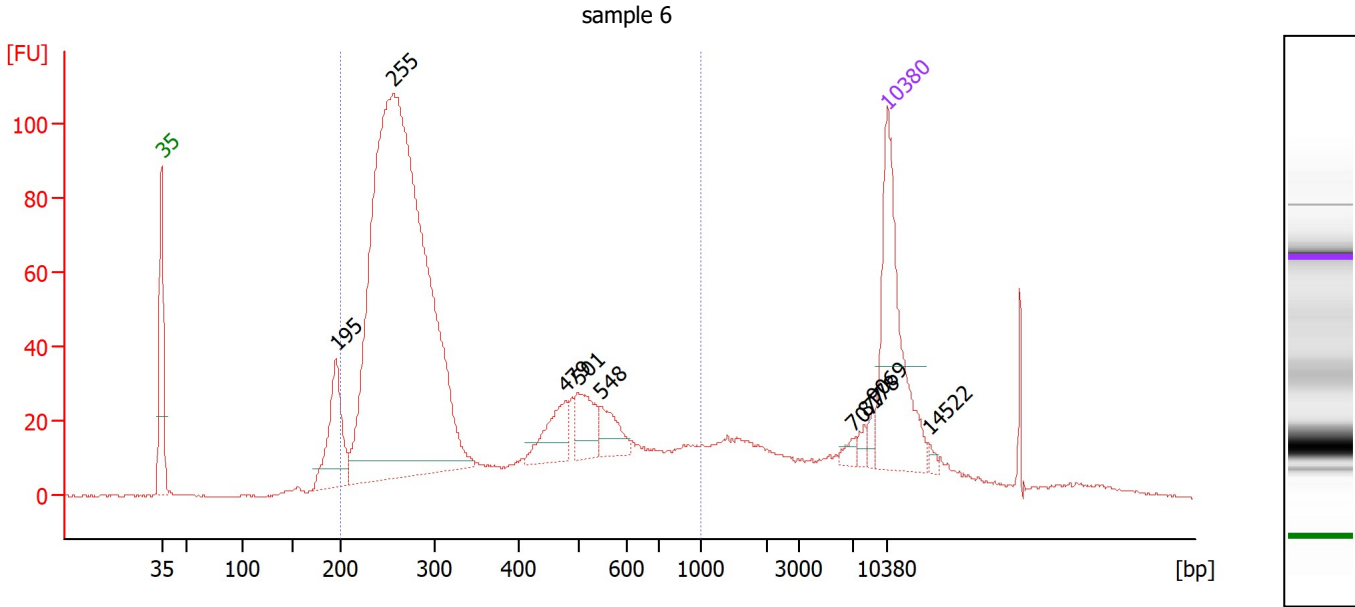
**Region table for sample 5 : sample 5**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,096.7	75	372	48.8	638.50	3,197.2	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 9                      Corr. Area 1: 1,513.1  
 Noise: 0.3

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	195	66.70	518.0	
3	255	710.39	4,219.0	
4	479	30.17	95.5	
5	501	26.93	81.4	
6	548	19.41	53.7	
7	7,077	3.97	0.9	
8	8,178	4.06	0.8	
9	9,069	3.62	0.6	
10	10,380	75.00	10.9	Upper Marker
11	14,522	0.00	0.0	

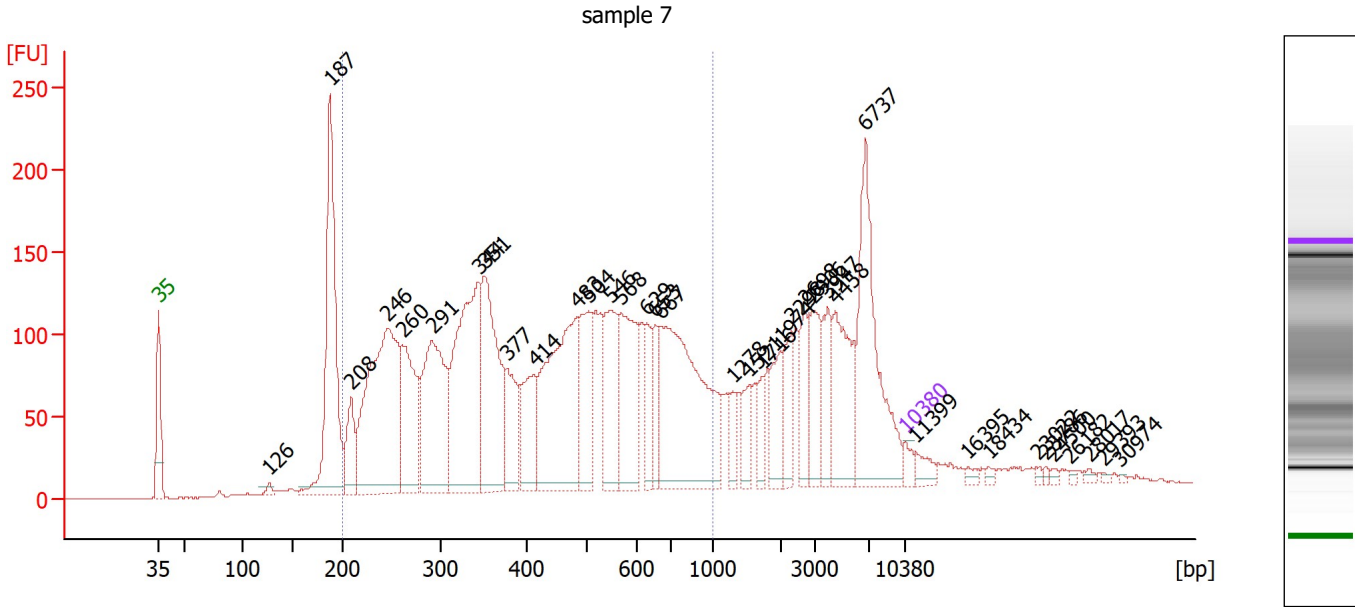
**Region table for sample 6 : sample 6**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,513.1	79	361	45.3	1,023.26	5,204.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 37                      Corr. Area 1: 4,118.5  
 Noise: 0.3

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	126	57.10	686.2	
3	187	2,483.77	20,082.3	
4	208	484.47	3,521.6	
5	246	2,896.01	17,866.7	
6	260	1,166.92	6,791.3	
7	291	1,722.11	8,968.5	
8	344	2,138.42	9,406.3	
9	351	1,561.19	6,733.4	
10	377	570.60	2,290.5	
11	414	624.80	2,287.5	
12	483	1,906.96	5,979.8	
13	504	768.83	2,310.8	
14	546	781.48	2,169.1	
15	568	962.13	2,564.9	
16	629	334.35	805.9	
17	653	332.49	770.9	
18	667	2,206.32	5,008.7	
19	1,278	178.53	211.6	
20	1,521	210.54	209.8	
21	1,716	151.74	134.0	
22	1,974	314.15	241.1	
23	2,298	311.29	205.2	
24	2,698	303.12	170.2	
25	2,906	396.52	206.8	
26	3,947	338.50	129.9	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 7 : sample 7**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	4,458	694.80	236.1	
28	6,737	1,281.38	288.2	
29	10,380	75.00	10.9	Upper Marker
30	11,399	0.00	0.0	
31	16,395	0.00	0.0	
32	18,434	0.00	0.0	
33	23,022	0.00	0.0	
34	23,786	0.00	0.0	
35	24,500	0.00	0.0	
36	26,182	0.00	0.0	
37	28,017	0.00	0.0	
38	29,393	0.00	0.0	
39	30,974	0.00	0.0	

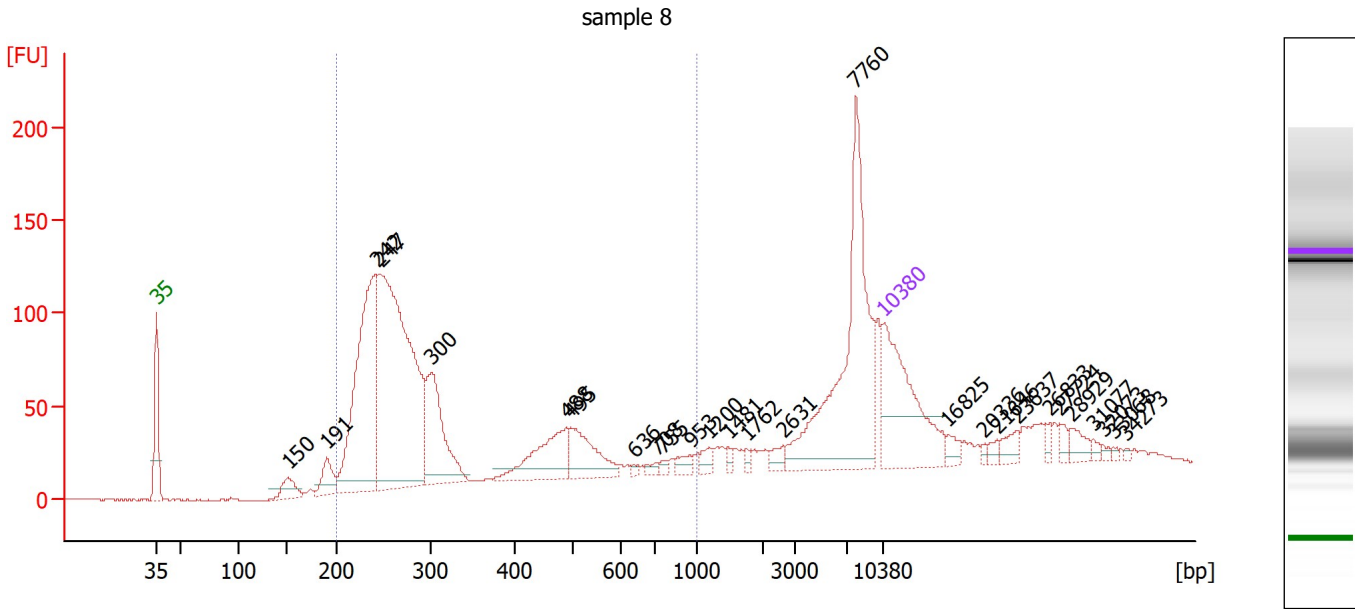
**Region table for sample 7 : sample 7**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	4,118.5	66	456	39.8	19,379.34	80,321.8	<span style="color: blue;">■</span>

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 27                      Corr. Area 1: 1,554.0  
 Noise: 0.5

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	150	19.03	191.7	
3	191	22.90	182.1	
4	242	220.24	1,378.8	
5	247	344.49	2,117.3	
6	300	86.28	435.1	
7	488	51.84	161.0	
8	495	41.11	125.8	
9	636	2.15	5.1	
10	708	3.45	7.4	
11	755	2.93	5.9	
12	953	6.40	10.2	
13	1,200	6.87	8.7	
14	1,481	3.39	3.5	
15	1,762	2.93	2.5	
16	2,631	6.03	3.5	
17	7,760	153.79	30.0	
18	10,380	75.00	10.9	Upper Marker
19	16,825	0.00	0.0	
20	20,336	0.00	0.0	
21	21,646	0.00	0.0	
22	23,637	0.00	0.0	
23	26,833	0.00	0.0	
24	27,724	0.00	0.0	
25	28,929	0.00	0.0	
26	31,077	0.00	0.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 8 : sample 8**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	32,073	0.00	0.0	
28	33,068	0.00	0.0	
29	34,273	0.00	0.0	

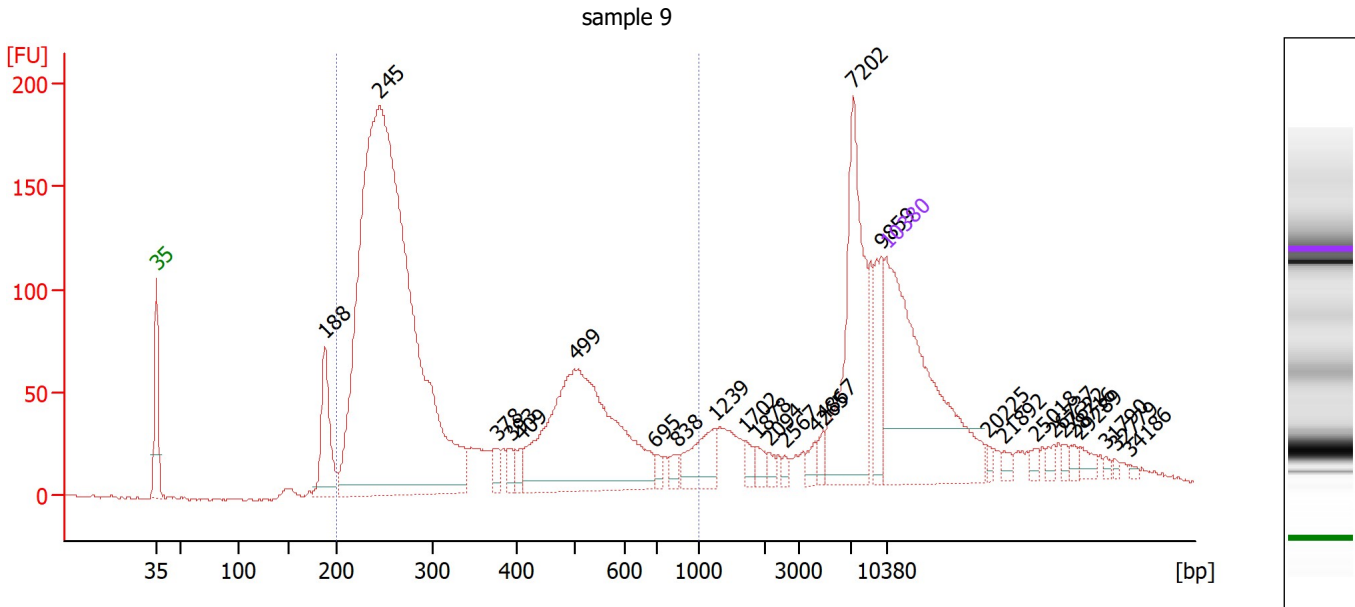
**Region table for sample 8 : sample 8**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,554.0	63	335	44.7	776.71	4,138.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 27                      Corr. Area 1: 2,459.0  
 Noise: 0.8

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	188	33.69	270.9	
3	245	459.78	2,841.7	
4	378	5.23	21.0	
5	393	4.37	16.8	
6	409	4.25	15.8	
7	499	121.71	369.5	
8	695	2.51	5.5	
9	838	3.56	6.4	
10	1,239	14.65	17.9	
11	1,702	3.62	3.2	
12	1,878	3.23	2.6	
13	2,094	2.02	1.5	
14	2,567	1.51	0.9	
15	4,265	3.08	1.1	
16	4,867	2.88	0.9	
17	7,202	57.10	12.0	
18	9,859	15.67	2.4	
19	10,380	75.00	10.9	Upper Marker
20	20,225	0.00	0.0	
21	21,892	0.00	0.0	
22	25,018	0.00	0.0	
23	26,737	0.00	0.0	
24	27,622	0.00	0.0	
25	28,716	0.00	0.0	
26	29,289	0.00	0.0	



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 9 : sample 9**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	31,790	0.00	0.0	
28	32,779	0.00	0.0	
29	34,186	0.00	0.0	

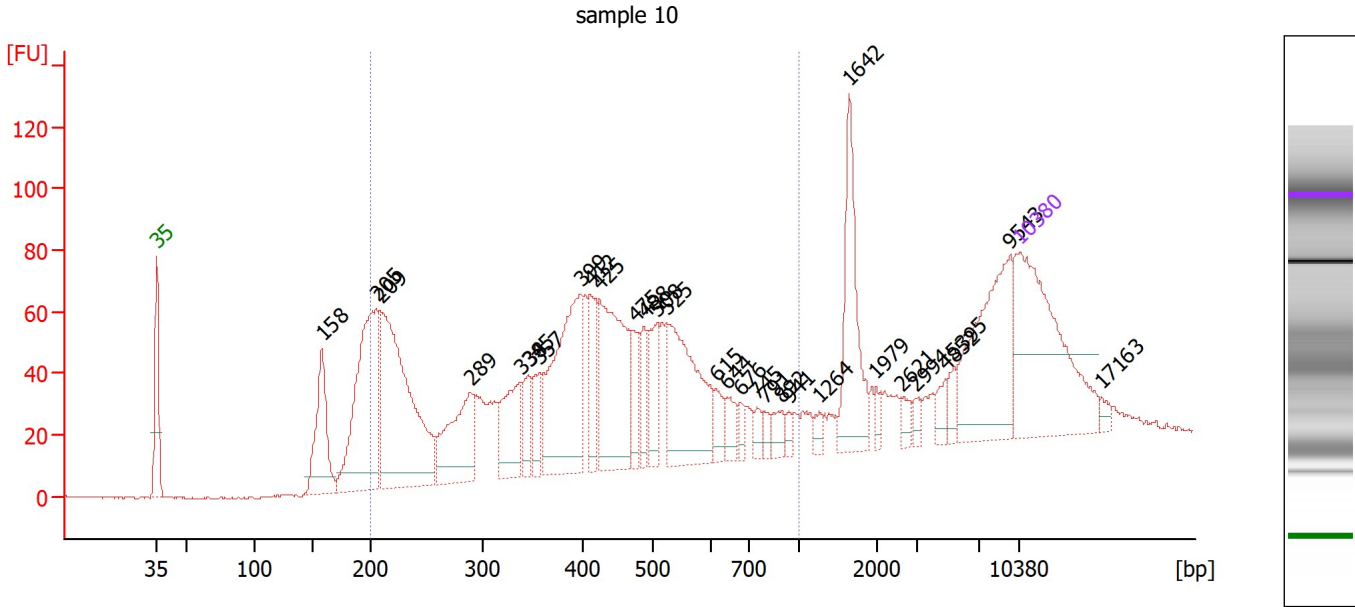
**Region table for sample 9 : sample 9**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	2,459.0	71	358	44.7	595.94	3,077.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 30                      Corr. Area 1: 1,612.8  
 Noise: 0.3

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	158	56.27	538.2	
3	205	124.32	917.8	
4	209	157.11	1,136.3	
5	289	53.97	282.7	
6	338	37.71	168.9	
7	345	17.73	77.8	
8	357	17.70	75.1	
9	399	95.23	362.0	
10	412	25.86	95.0	
11	425	83.19	296.9	
12	475	16.99	54.2	
13	488	14.66	45.5	
14	508	23.50	70.1	
15	525	74.42	214.6	
16	615	9.58	23.6	
17	644	9.70	22.8	
18	676	5.08	11.4	
19	745	5.33	10.8	
20	791	4.50	8.6	
21	892	7.20	12.2	
22	941	3.42	5.5	
23	1,264	3.70	4.4	
24	1,642	47.48	43.8	
25	1,979	3.98	3.0	
26	2,621	4.55	2.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 10 : sample 10**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,994	3.56	1.8	
28	4,852	5.99	1.9	
29	5,395	5.71	1.6	
30	9,543	60.37	9.6	
31	10,380	75.00	10.9	Upper Marker
32	17,163	0.00	0.0	

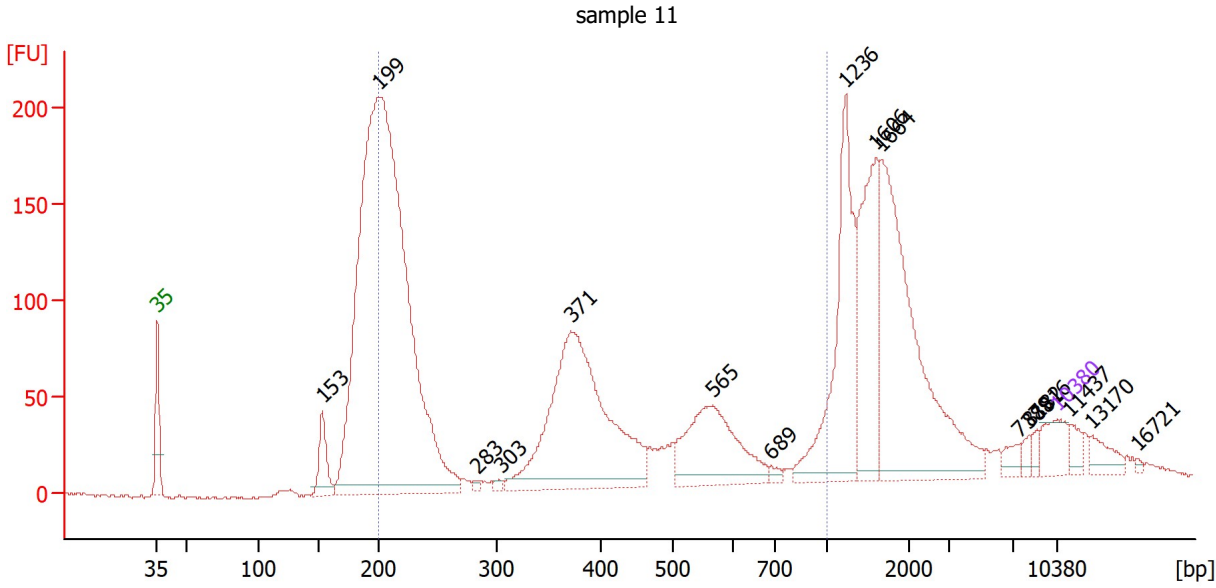
**Region table for sample 10 : sample 10**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,612.8	68	422	37.3	744.85	3,284.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 PM

**Electropherogram Summary Continued ...**



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

Number of peaks found: 16                      Corr. Area 1: 1,967.1  
 Noise: 0.7

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	153	155.16	1,540.2	
3	199	4,006.43	30,465.5	
4	283	11.51	61.7	
5	303	11.84	59.3	
6	371	1,185.97	4,843.0	
7	565	421.49	1,129.8	
8	689	16.90	37.2	
9	1,236	531.15	651.0	
10	1,606	430.31	406.0	
11	1,664	815.07	742.1	
12	7,379	30.47	6.3	
13	8,182	19.04	3.5	
14	8,816	19.65	3.4	
15	10,380	75.00	10.9	Upper Marker
16	11,437	0.00	0.0	
17	13,170	0.00	0.0	
18	16,721	0.00	0.0	

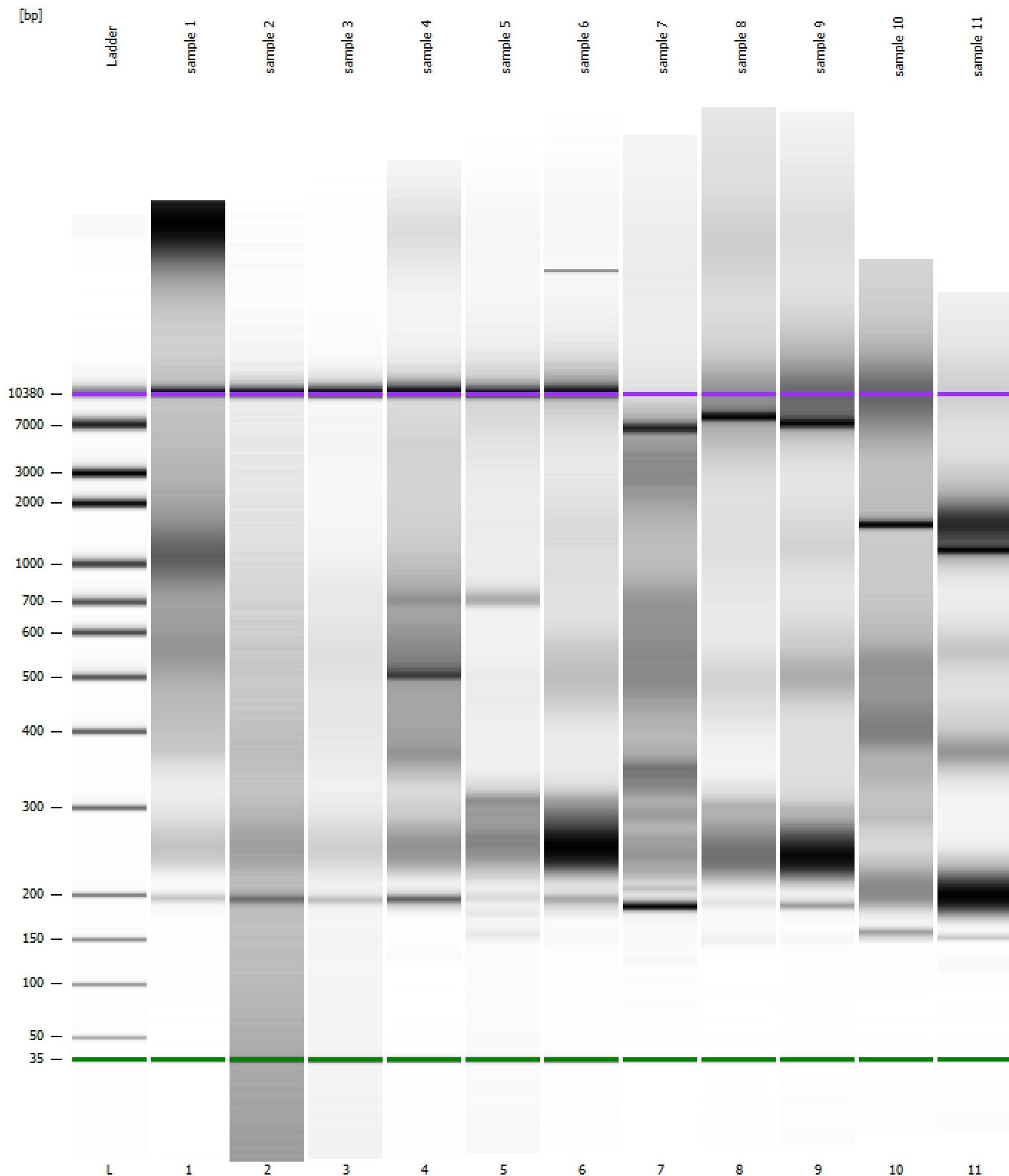
**Region table for sample 11 : sample 11**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	1,967.1	47	370	47.5	3,912.87	21,073.9	Blue

Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
Modified: 1/15/2020 4:50:52 PM

**Gel Image**

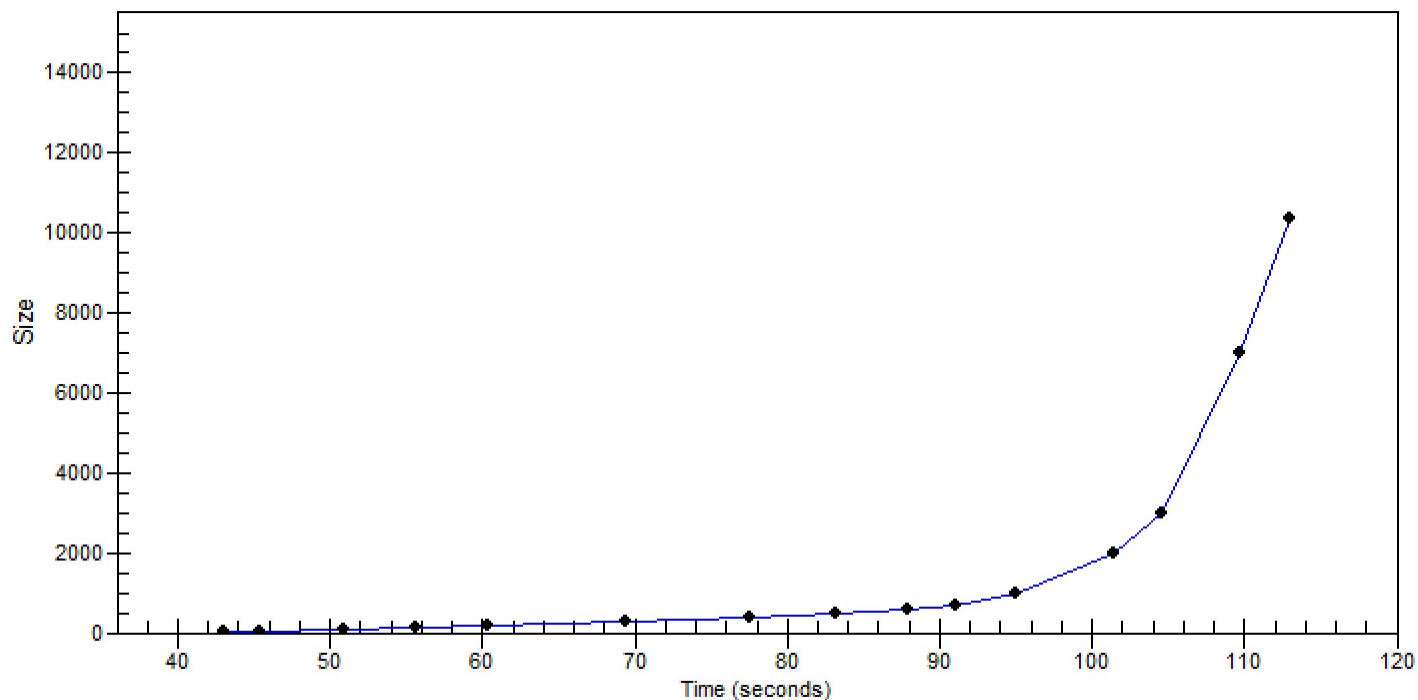


Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
Modified: 1/15/2020 4:50:52 PM

**Curves**

**Standard Curve**



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-01-15\_004.xad

Created: 1/15/2020 4:10:28 PM  
 Modified: 1/15/2020 4:50:52 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		1/15/2020 4:50:50 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-01-15\Bioanalyze r1_High Sensitivity DNA Assay_2020-01-15_004.xad)		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		1/15/2020 4:10:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB