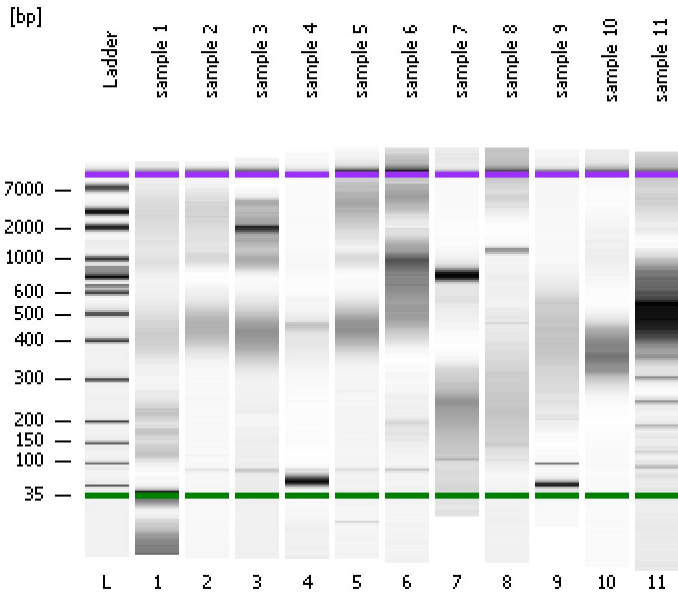


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 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

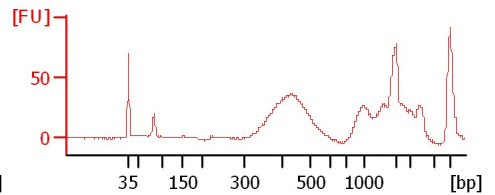
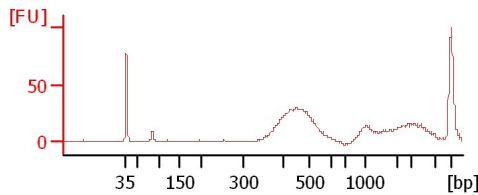
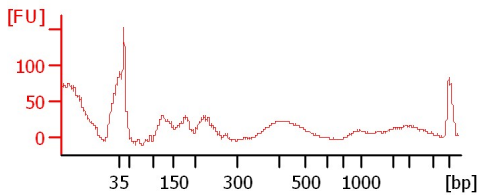
Chip Information:

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

sample 1

sample 2

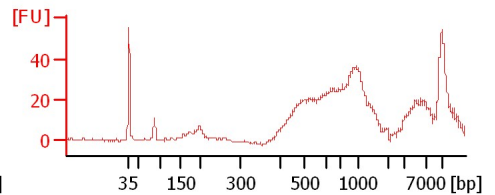
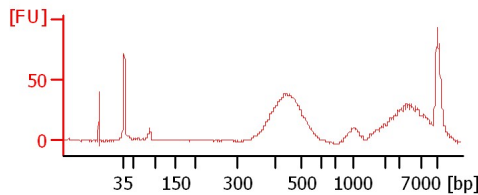
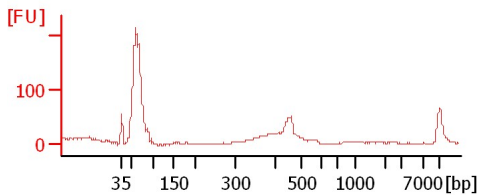
sample 3



sample 4

sample 5

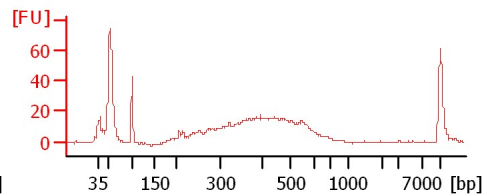
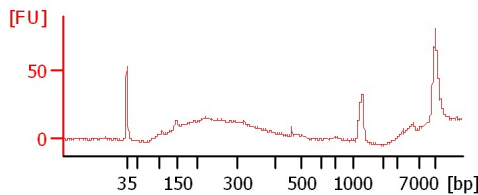
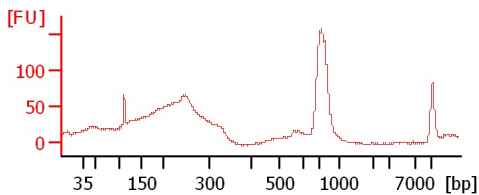
sample 6



sample 7

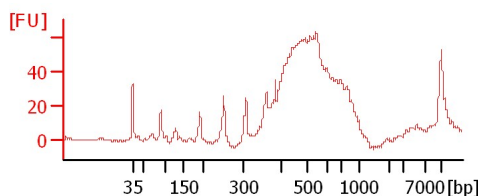
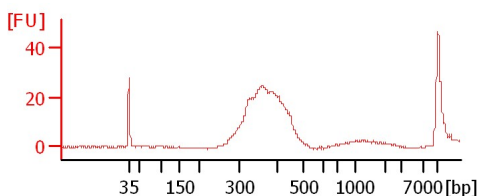
sample 8

sample 9



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 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: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 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

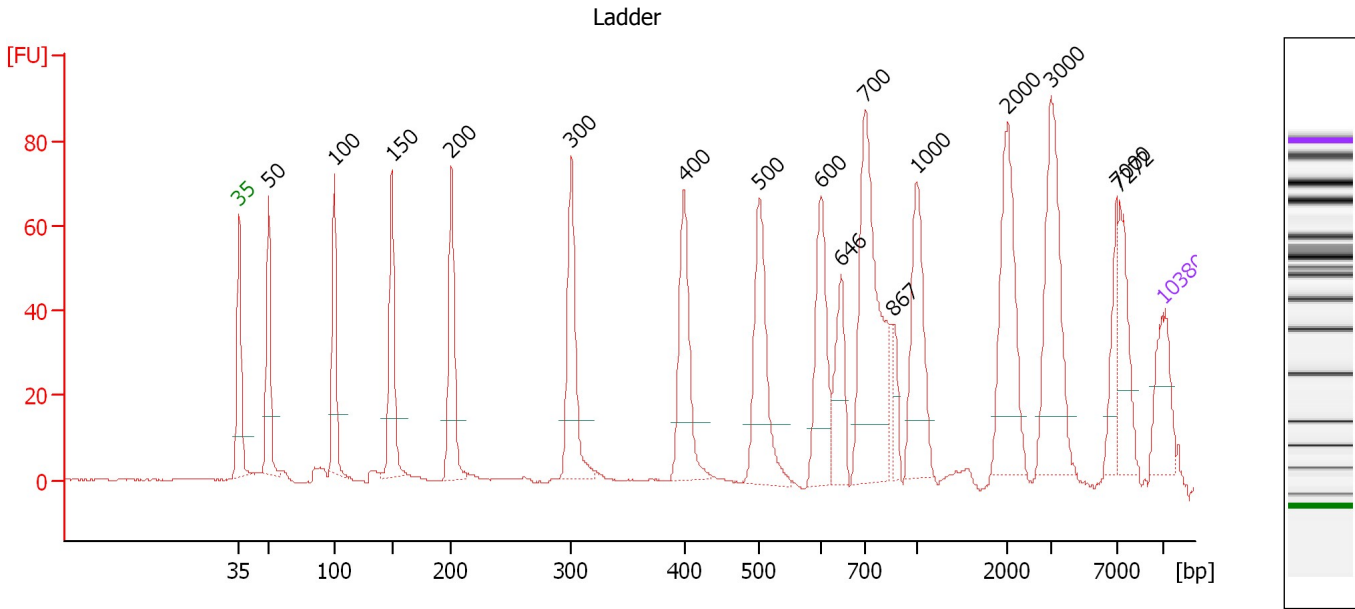
Ladder

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\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

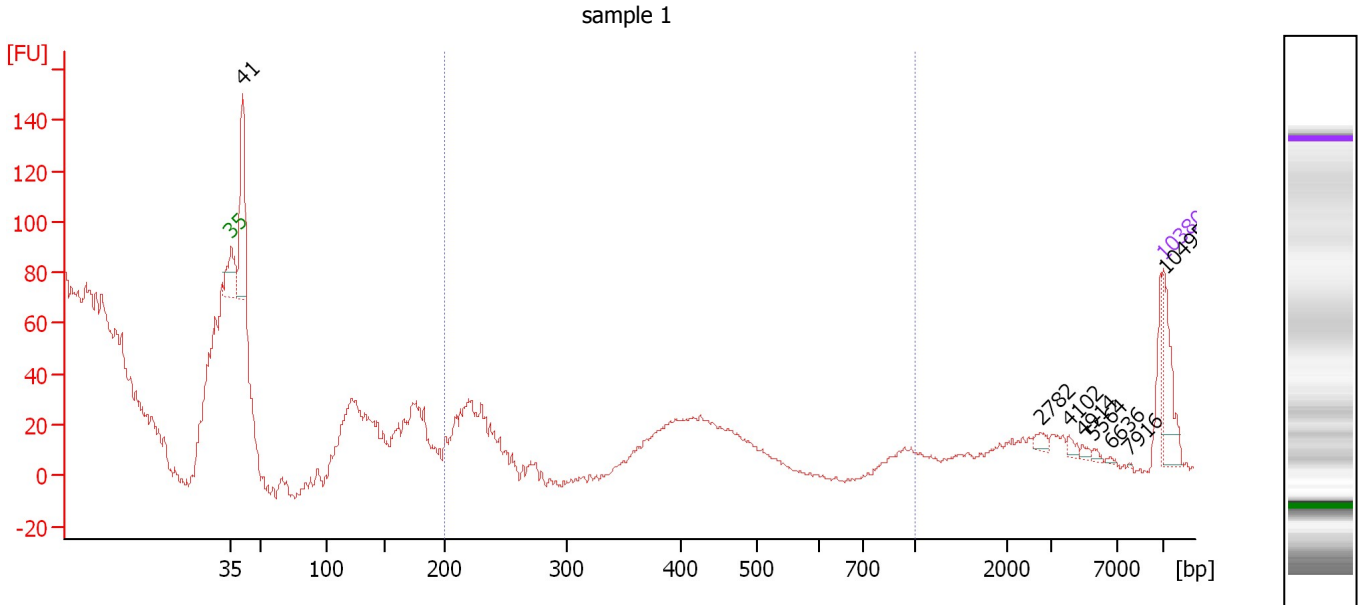
Peak table for Ladder

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	45.22	50	150.00	4,545.5	Ladder Peak
3	50.19	100	150.00	2,272.7	Ladder Peak
4	54.56	150	150.00	1,515.2	Ladder Peak
5	59.09	200	150.00	1,136.4	Ladder Peak
6	68.18	300	150.00	757.6	Ladder Peak
7	76.71	400	150.00	568.2	Ladder Peak
8	82.45	500	150.00	454.5	Ladder Peak
9	87.13	600	150.00	378.8	Ladder Peak
10	88.63	646	0.00	0.0	
11	90.41	700	150.00	324.7	Ladder Peak
12	92.59	867	0.00	0.0	
13	94.33	1,000	150.00	227.3	Ladder Peak
14	101.24	2,000	150.00	113.6	Ladder Peak
15	104.55	3,000	150.00	75.8	Ladder Peak
16	109.48	7,000	150.00	32.5	Ladder Peak
17	109.77	7,272	0.00	0.0	
18	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 1 : sample 1

Height Threshold [FU] : 1

Overall Results for sample 1 : sample 1

Number of peaks found: 9 Corr. Area 1: 0.0
 Noise: 0.8

Peak table for sample 1 : sample 1

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	4.76	0	0.00	0.0	
2	43.00	35	125.00	5,411.3	Lower Marker
3	43.84	41	218.46	8,137.8	
4	103.83	2,782	9.51	5.2	
5	105.91	4,102	7.66	2.8	
6	106.91	4,914	4.72	1.5	
7	107.71	5,564	3.77	1.0	
8	109.04	6,636	2.31	0.5	
9	110.44	7,916	0.72	0.1	
10	113.00	10,380	75.00	10.9	Upper Marker
11	113.12	10,495	0.00	0.0	

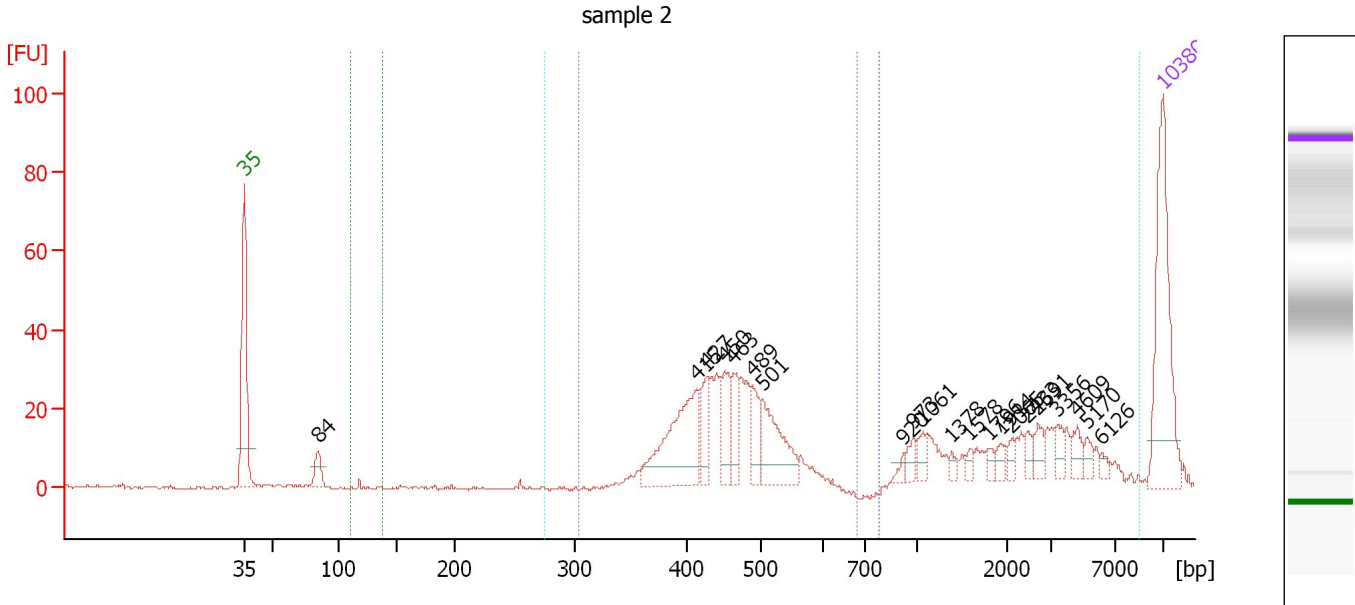
Region table for sample 1 : sample 1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	0	0.0	0.00	0.0	0	0.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found:	21	Corr. Area 2:	159.1
Noise:	0.3	Corr. Area 3:	0.5
Corr. Area 1:	301.1	Corr. Area 4:	460.3





Peak table for sample 2 : sample 2

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	48.65	84	16.02	287.3	
3	77.55	415	89.74	327.8	
4	78.28	427	26.03	92.3	
5	79.59	450	28.96	97.5	
6	80.32	463	23.83	78.0	
7	81.82	489	22.31	69.1	
8	82.51	501	51.23	154.8	
9	93.28	920	3.53	5.8	
10	93.98	973	7.35	11.4	
11	94.75	1,061	7.85	11.2	
12	96.94	1,378	3.69	4.1	
13	98.33	1,578	4.26	4.1	
14	99.83	1,796	3.75	3.2	
15	100.64	1,914	5.69	4.5	
16	101.46	2,065	4.63	3.4	
17	102.67	2,433	6.03	3.8	
18	103.53	2,691	7.75	4.4	
19	104.99	3,356	7.12	3.2	
20	106.54	4,609	8.05	2.6	
21	107.23	5,170	5.41	1.6	
22	108.41	6,126	2.81	0.7	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 PM

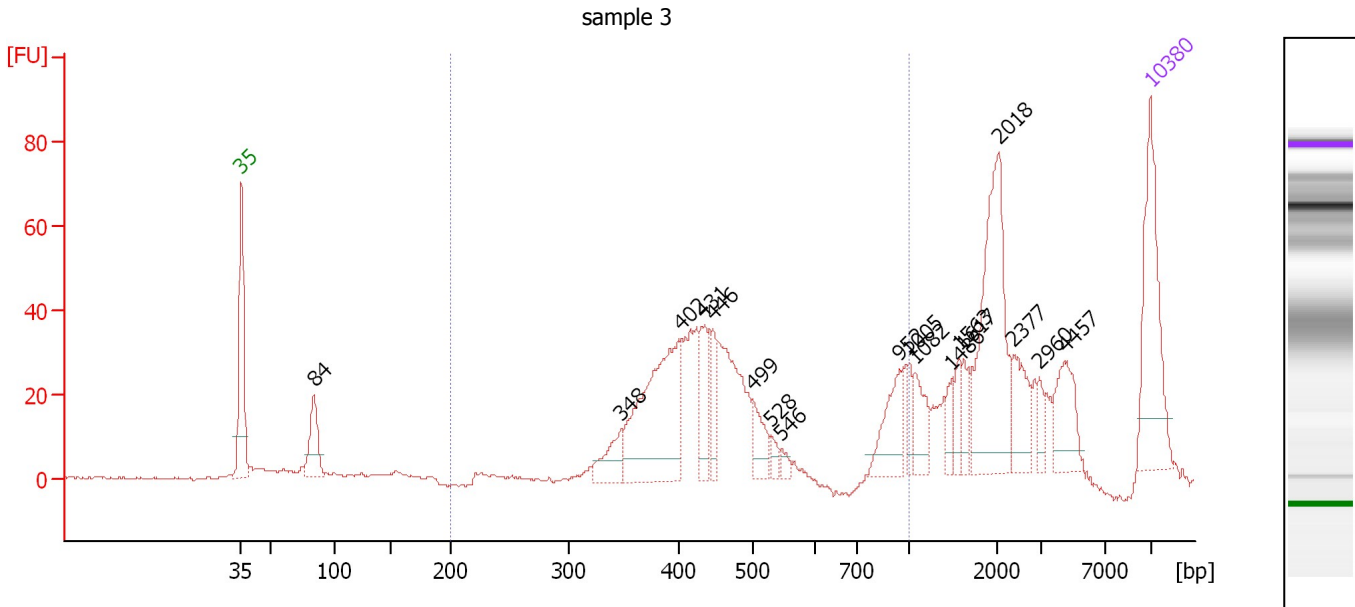
Electropherogram Summary Continued ...**... Region table for sample 2 : sample 2**

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
110	138	118	8.6	0.67	0.5	0	0.4	
275	8,756	1,369	1,133.8	430.77	460.3	97	100.0	
305	678	454	1,036.8	305.89	301.1	63	11.6	
776	8,756	2,716	97.0	124.87	159.1	34	59.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sample 3

Number of peaks found: 18 Corr. Area 1: 486.9
 Noise: 0.3

Peak table for sample 3 : sample 3

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	48.58	84	47.05	850.6	
3	72.23	348	30.69	133.8	
4	76.83	402	154.01	580.2	
5	78.47	431	37.07	130.4	
6	79.33	446	25.47	86.6	
7	82.37	499	24.94	75.8	
8	83.77	528	7.67	22.0	
9	84.59	546	5.54	15.4	
10	93.70	952	36.97	58.8	
11	94.36	1,005	13.03	19.6	
12	94.89	1,082	24.52	34.3	
13	97.69	1,486	10.50	10.7	
14	98.22	1,563	15.03	14.6	
15	98.59	1,617	12.70	11.9	
16	101.30	2,018	120.01	90.1	
17	102.49	2,377	28.71	18.3	
18	104.42	2,960	8.49	4.3	
19	106.35	4,457	33.91	11.5	
20	113.00	10,380	75.00	10.9	Upper Marker

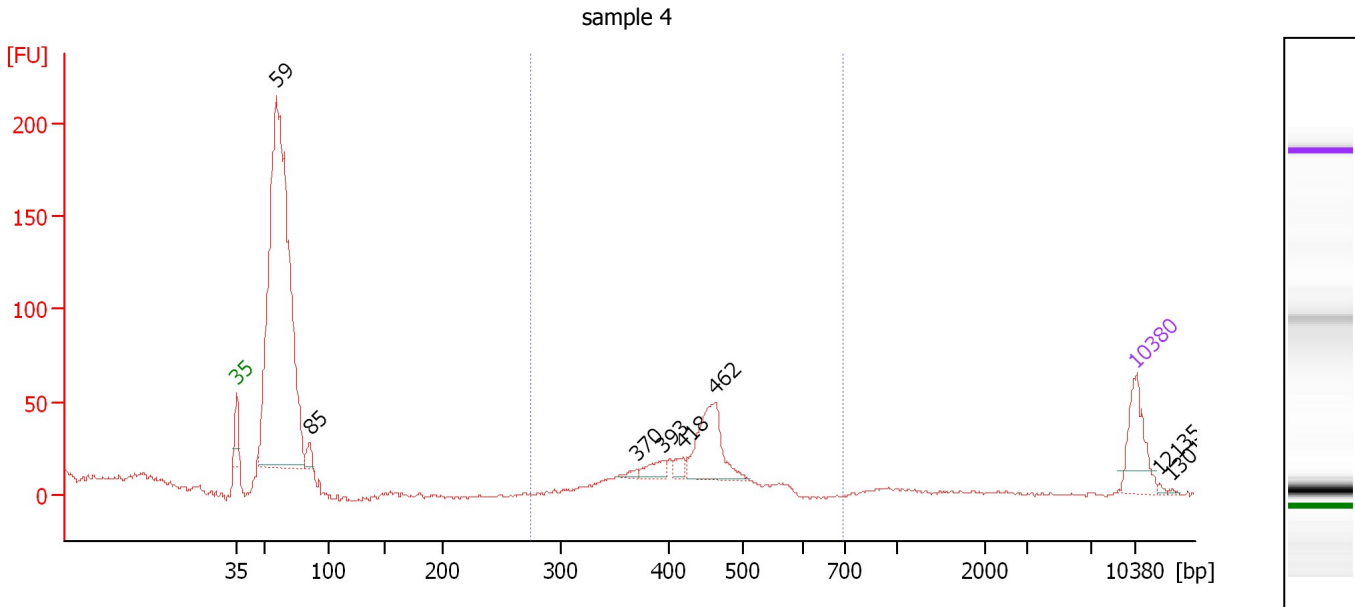
Region table for sample 3 : sample 3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
200	1,000	491	1,754.9	509.00	486.9	52	35.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 4 : sample 4

Height Threshold [FU] : 1

Overall Results for sample 4 : sample 4

Number of peaks found: 8 Corr. Area 1: 215.4
 Noise: 1.0

Peak table for sample 4 : sample 4

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	46.07	59	1,610.72	41,699.2	
3	48.68	85	27.59	492.8	
4	74.12	370	8.68	35.6	
5	76.11	393	29.30	112.9	
6	77.73	418	18.48	67.0	
7	80.26	462	158.35	519.4	
8	113.00	10,380	75.00	10.9	Upper Marker
9	114.83	12,135	0.00	0.0	
10	115.74	13,013	0.00	0.0	

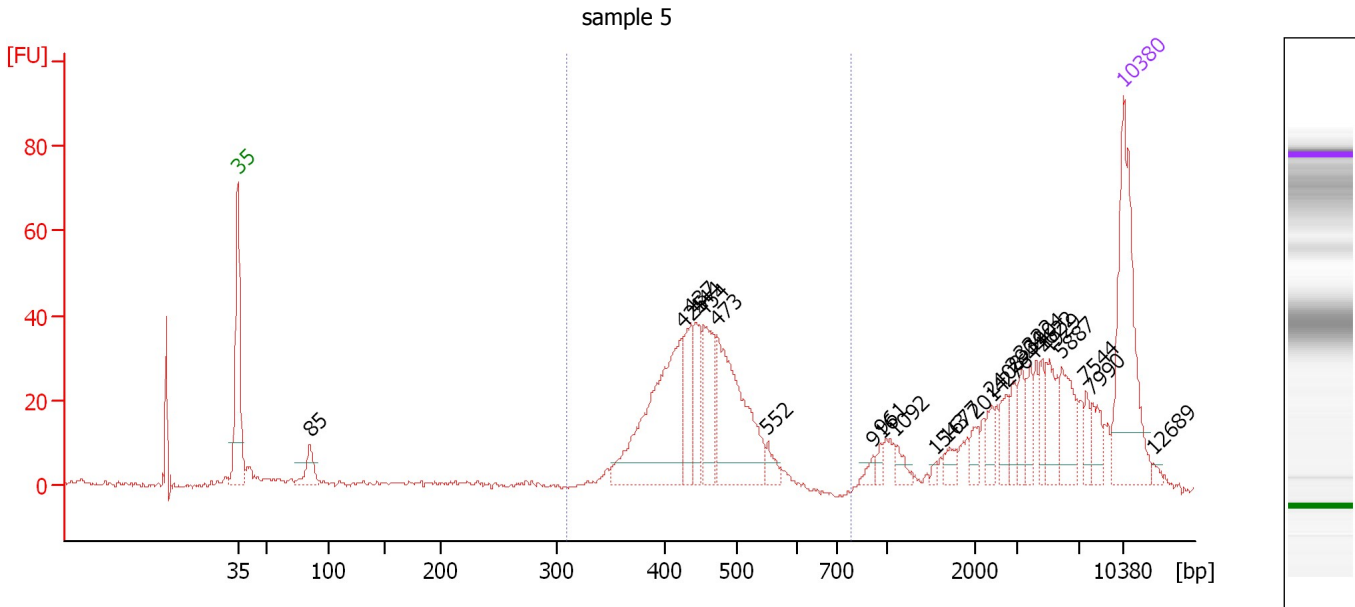
Region table for sample 4 : sample 4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
276	695	434	1,000.2	283.48	215.4	19	9.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sample 5

Number of peaks found: 24 Corr. Area 1: 402.3
 Noise: 0.5

Peak table for sample 5 : sample 5

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	48.69	85	19.19	342.6	
3	78.15	425	130.08	463.6	
4	78.82	437	33.40	115.9	
5	79.24	444	28.42	96.9	
6	79.79	454	42.04	140.4	
7	80.89	473	101.52	325.3	
8	84.89	552	8.59	23.6	
9	93.23	916	4.65	7.7	
10	93.82	961	4.07	6.4	
11	94.96	1,092	7.04	9.8	
12	98.08	1,543	2.24	2.2	
13	99.01	1,677	6.28	5.7	
14	101.28	2,014	7.59	5.7	
15	102.59	2,408	8.46	5.3	
16	103.77	2,764	11.53	6.3	
17	104.23	2,904	8.49	4.4	
18	104.95	3,322	12.11	5.5	
19	105.67	3,904	11.03	4.3	
20	106.55	4,622	10.33	3.4	
21	106.93	4,929	18.17	5.6	
22	108.11	5,887	23.70	6.1	
23	110.05	7,544	7.07	1.4	
24	110.51	7,990	10.75	2.0	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...**... Peak table for sample 5 : sample 5**

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	115.40	12,689	0.00	0.0	

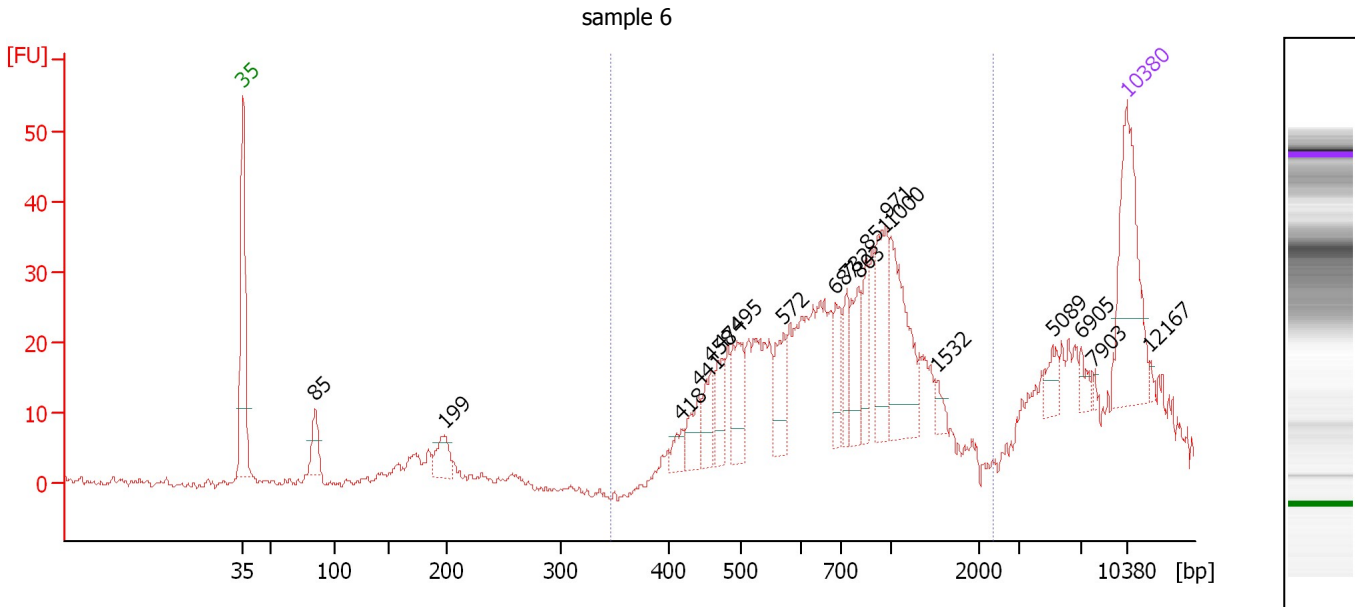
Region table for sample 5 : sample 5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
310	777	448	1,269.5	369.79	402.3	53	11.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sample 6

Number of peaks found: 19 Corr. Area 1: 392.0
 Noise: 0.5

Peak table for sample 6 : sample 6

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	48.75	85	27.74	492.0	
3	58.97	199	26.43	201.5	
4	77.73	418	12.07	43.8	
5	79.08	441	23.69	81.3	
6	80.05	458	23.73	78.5	
7	80.94	474	23.30	74.5	
8	82.16	495	39.03	119.5	
9	85.84	572	31.56	83.6	
10	89.98	687	22.46	49.5	
11	90.82	732	21.40	44.3	
12	91.75	803	31.70	59.8	
13	92.38	851	23.40	41.7	
14	93.95	971	50.76	79.2	
15	94.33	1,000	68.60	103.9	
16	98.00	1,532	6.94	6.9	
17	107.13	5,089	11.51	3.4	
18	109.37	6,905	6.88	1.5	
19	110.42	7,903	2.23	0.4	
20	113.00	10,380	75.00	10.9	Upper Marker
21	114.86	12,167	0.00	0.0	

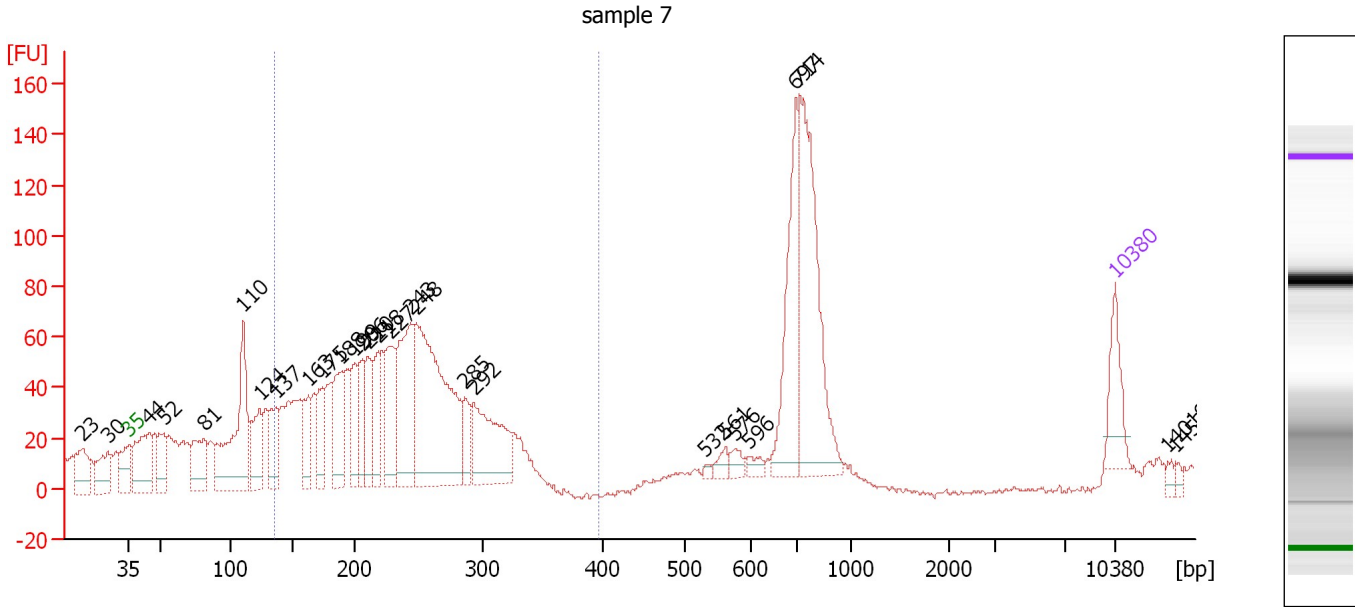
Region table for sample 6 : sample 6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
347	2,370	773	1,351.3	597.21	392.0	82	36.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sample 7

Number of peaks found: 28 Corr. Area 1: 1,158.2
 Noise: 1.1

Peak table for sample 7 : sample 7

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	39.67	23	0.00	0.0	
2	41.49	30	0.00	0.0	
3	43.00	35	125.00	5,411.3	Lower Marker
4	44.40	44	253.57	8,642.9	
5	45.46	52	119.01	3,441.6	
6	48.30	81	170.13	3,184.4	
7	51.10	110	451.69	6,199.3	
8	52.28	124	164.39	2,011.2	
9	53.41	137	128.12	1,418.5	
10	55.72	163	116.07	1,080.0	
11	56.78	175	129.16	1,121.2	
12	58.03	188	173.40	1,395.0	
13	59.01	199	127.93	973.0	
14	59.62	206	112.31	826.5	
15	59.96	210	121.69	879.6	
16	60.72	218	139.31	968.4	
17	61.51	227	187.25	1,251.5	
18	63.03	243	305.90	1,904.7	
19	63.41	248	667.15	4,084.0	
20	66.85	285	76.57	406.5	
21	67.49	292	256.92	1,331.0	
22	83.96	532	7.89	22.5	
23	85.33	561	22.93	61.9	
24	86.01	576	22.76	59.9	
25	86.95	596	20.72	52.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : sample 7

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
26	90.32	697	285.63	620.5	
27	90.59	714	473.62	1,005.3	
28	113.00	10,380	75.00	10.9	Upper Marker
29	116.79	14,019	0.00	0.0	
30	117.32	14,529	0.00	0.0	

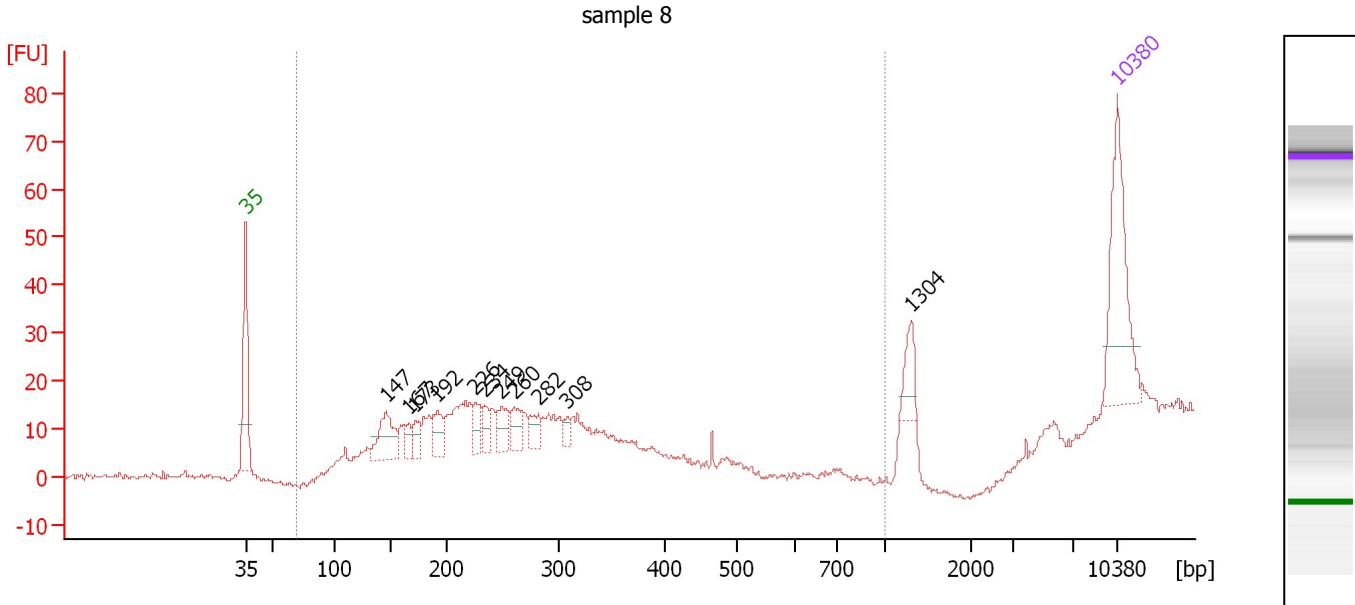
Region table for sample 7 : sample 7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
135	396	228	16,832.8	2,378.39	1,158.2	59	20.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sample 8

Number of peaks found: 11 Corr. Area 1: 235.8
 Noise: 0.5

Peak table for sample 8 : sample 8

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	54.30	147	51.42	529.7	
3	56.10	167	15.25	138.4	
4	56.61	173	16.74	146.9	
5	58.37	192	26.35	207.8	
6	61.45	226	18.45	123.7	
7	62.18	234	14.65	94.8	
8	63.55	249	23.81	144.8	
9	64.58	260	20.70	120.5	
10	66.50	282	17.84	96.0	
11	68.86	308	7.35	36.2	
12	96.43	1,304	21.30	24.7	
13	113.00	10,380	75.00	10.9	Upper Marker

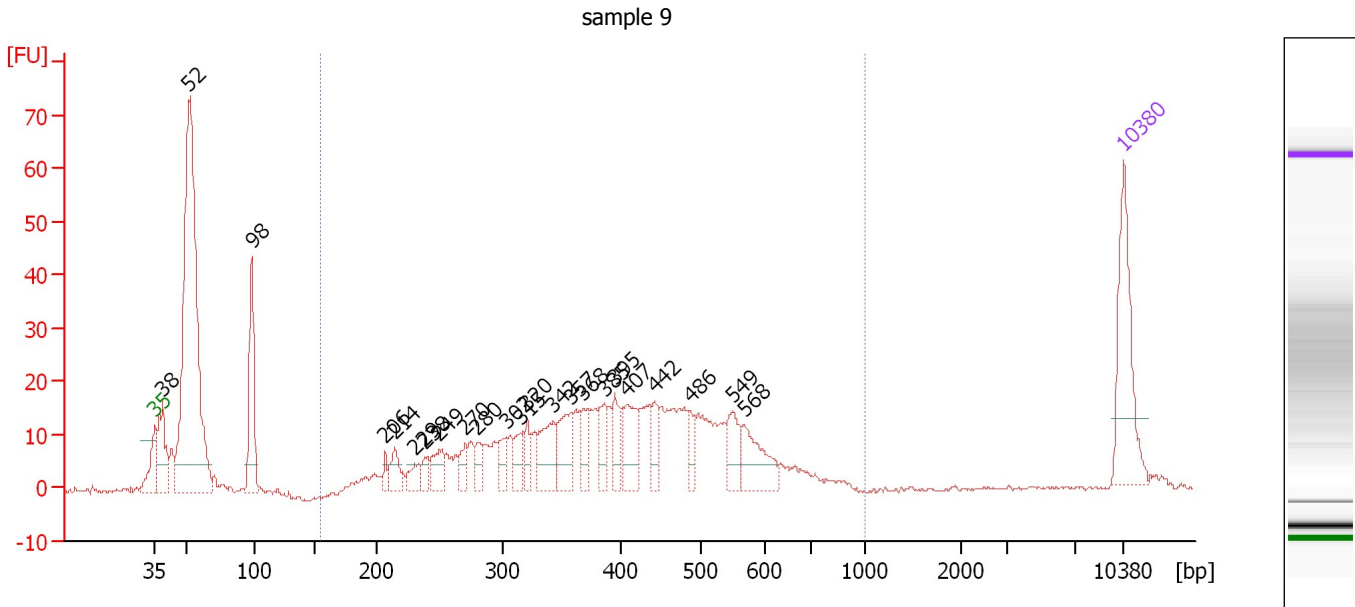
Region table for sample 8 : sample 8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
68	1,000	231	2,915.0	404.44	235.8	89	24.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sample 9

Number of peaks found: 23 Corr. Area 1: 518.8
 Noise: 0.3

Peak table for sample 9 : sample 9

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	43.50	38	86.69	3,422.3	
3	45.39	52	605.80	17,761.0	
4	49.98	98	111.47	1,726.6	
5	59.65	206	10.89	80.0	
6	60.35	214	23.80	168.6	
7	61.73	229	19.79	130.9	
8	62.50	238	14.15	90.2	
9	63.55	249	31.06	189.0	
10	65.43	270	19.16	107.6	
11	66.32	280	18.68	101.2	
12	68.36	302	19.21	96.3	
13	69.44	315	25.55	123.0	
14	69.91	320	19.13	90.5	
15	71.76	342	49.44	219.0	
16	73.03	357	45.63	193.8	
17	73.95	368	28.57	117.7	
18	75.46	385	30.13	118.5	
19	76.27	395	30.21	115.9	
20	77.11	407	50.82	189.2	
21	79.12	442	23.83	81.7	
22	81.66	486	17.81	55.5	
23	84.75	549	32.54	89.8	
24	85.63	568	48.58	129.6	
25	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...

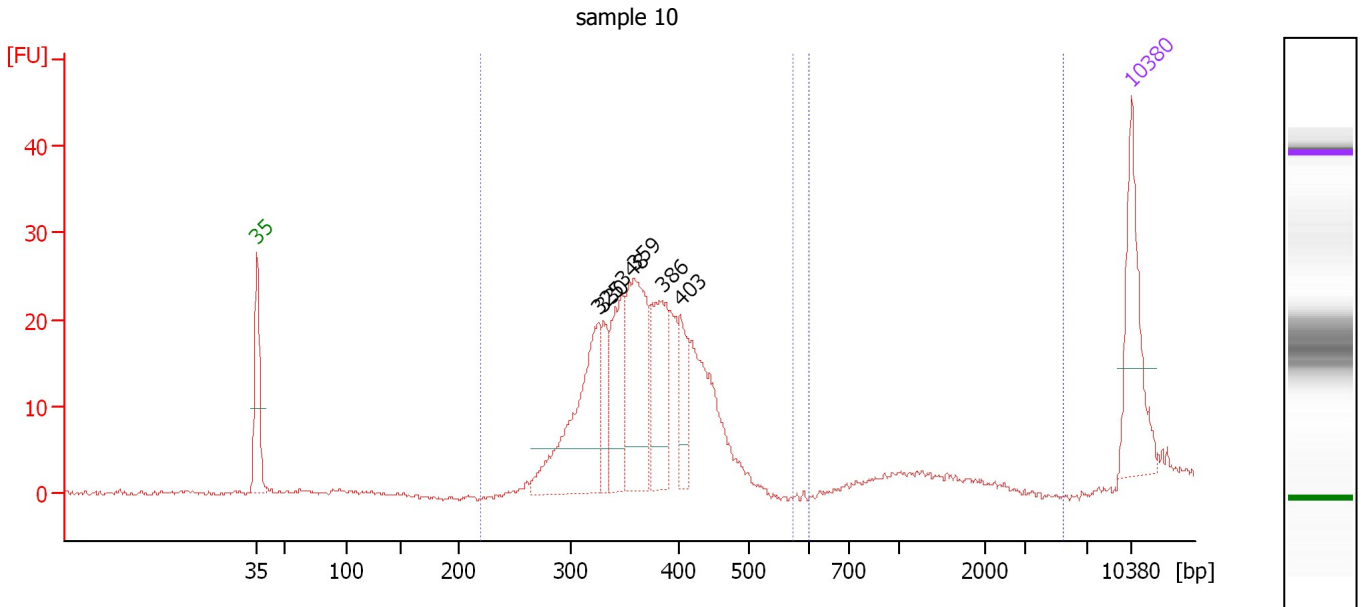
... Region table for sample 9 : sample 9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
155	1,000	411	3,923.2	928.84	518.8	61	28.9	■

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 6 Corr. Area 1: 305.3
 Noise: 0.2 Corr. Area 2: 1.7

Peak table for sample 10 : sample 10

Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	70.32	325	172.35	803.3	
3	70.74	330	40.05	183.8	
4	72.24	348	87.21	380.1	
5	73.22	359	145.20	612.6	
6	75.48	386	100.36	394.3	
7	76.89	403	48.52	182.3	
8	113.00	10,380	75.00	10.9	Upper Marker

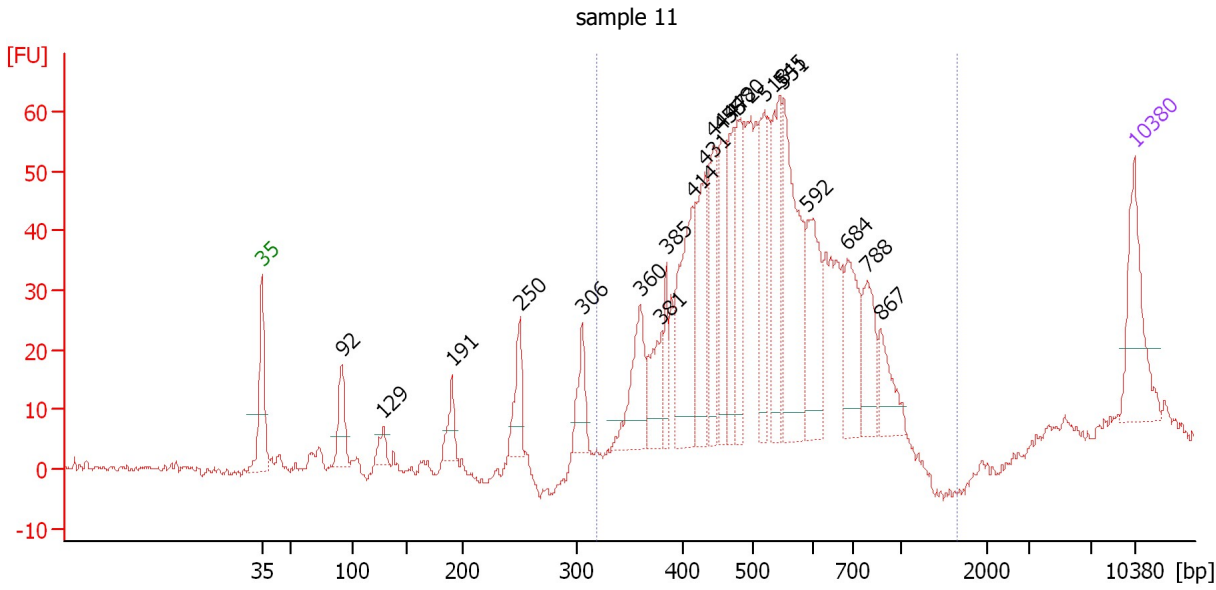
Region table for sample 10 : sample 10

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Corr. Area	% of Total	Size distribution in CV [%]	Color
220	574	370	3,015.1	723.43	305.3	98	12.3	Blue
601	5,384	1,159	4.1	3.08	1.7	1	15.5	Dark Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
 Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 21 Corr. Area 1: 936.4
 Noise: 0.6

Peak table for sample 11 : sample 11


Peak	Aligned Migration Time [s]	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	43.00	35	125.00	5,411.3	Lower Marker
2	49.38	92	63.83	1,053.9	
3	52.71	129	22.72	267.2	
4	58.23	191	35.81	284.7	
5	63.67	250	56.10	339.5	
6	68.72	306	48.61	240.4	
7	73.34	360	90.93	382.2	
8	75.05	381	62.02	246.9	
9	75.39	385	36.69	144.5	
10	77.53	414	153.44	561.1	
11	78.51	431	113.04	396.9	
12	79.24	444	93.37	318.5	
13	79.88	455	96.58	321.4	
14	80.82	472	74.73	240.0	
15	81.29	480	83.01	262.1	
16	83.31	518	97.42	284.8	
17	84.55	545	107.32	298.5	
18	84.85	551	186.54	512.8	
19	86.77	592	104.82	268.2	
20	89.89	684	85.27	188.8	
21	91.56	788	62.36	119.8	
22	92.59	867	44.94	78.5	
23	113.00	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 PM

Electropherogram Summary Continued ...

... Region table for sample 11 : sample 11

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/ μ l]	Corr. Area	% of Total	Size distribution in CV [%]	Color
319	1,635	534	5,794.4	1,909.37	936.4	91	24.1	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-28\2014-01-28_002.xad

Created: 1/28/2014 2:58:41 PM
Modified: 1/28/2014 3:52:18 PM

Gel Image

