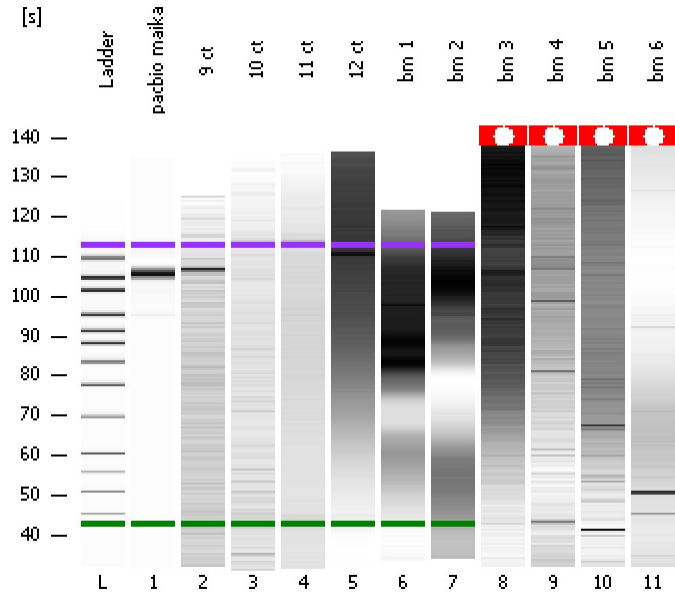


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
Modified: 1/26/2016 2:49:27 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

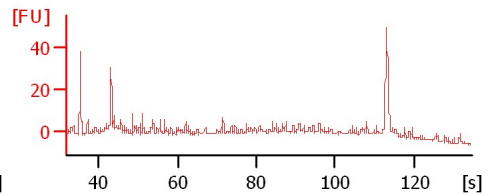
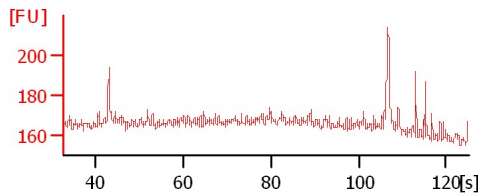
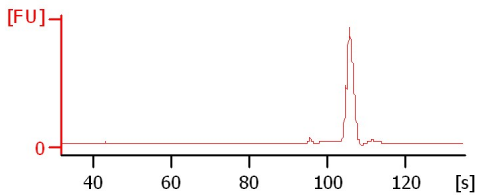
Chip Information:

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

pacbio maika

9 ct

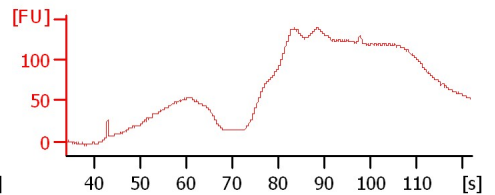
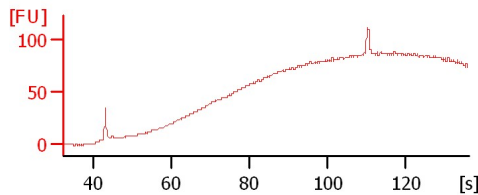
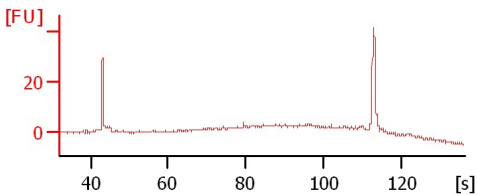
10 ct



11 ct

12 ct

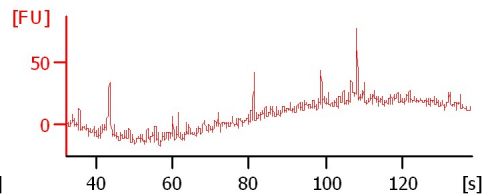
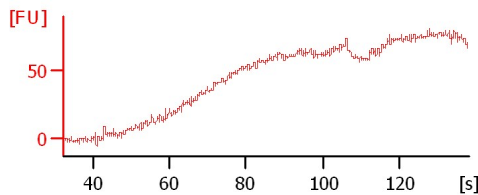
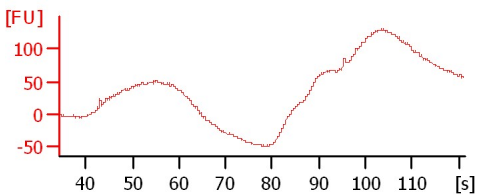
bm 1



bm 2

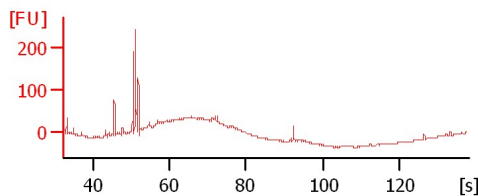
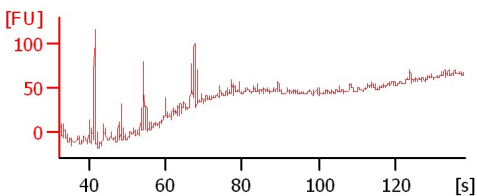
bm 3

bm 4



bm 5

bm 6



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
pacbio maika		<input type="checkbox"/>	✓			
9 ct		<input type="checkbox"/>	✓			
10 ct		<input type="checkbox"/>	✓			
11 ct		<input type="checkbox"/>	✓			
12 ct		<input type="checkbox"/>	✓			
bm 1		<input type="checkbox"/>	✓			
bm 2		<input type="checkbox"/>	✓			
bm 3		<input type="checkbox"/>	✓			
bm 4		<input type="checkbox"/>	✓			
bm 5		<input type="checkbox"/>	✓			
bm 6		<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\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
Modified: 1/26/2016 2:49:27 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

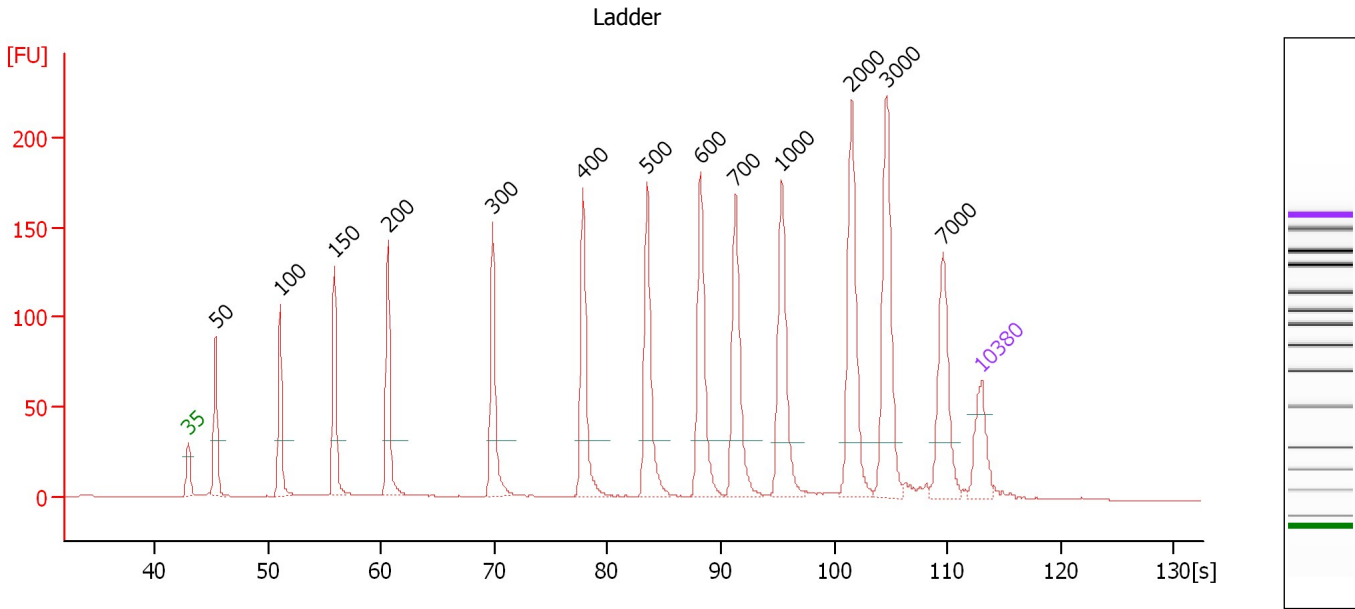
**Ladder**

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\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

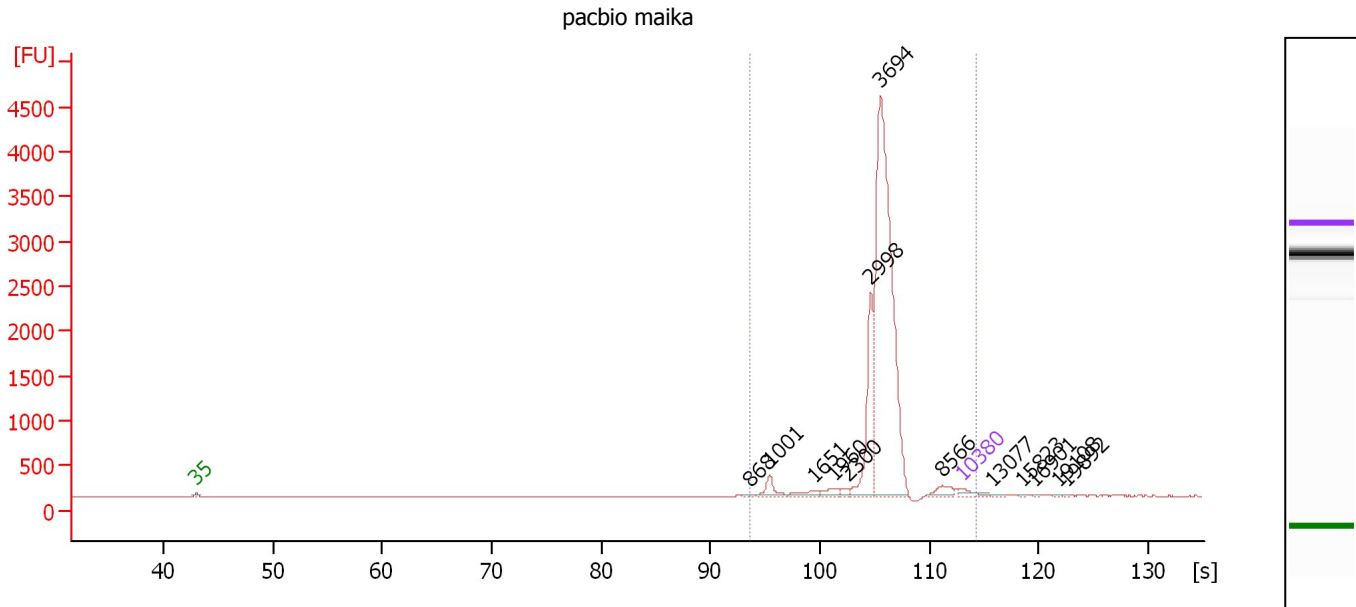
**Peak table for Ladder**

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	45.42
3	100	150.00	2,272.7	Ladder Peak	51.10
4	150	150.00	1,515.2	Ladder Peak	55.89
5	200	150.00	1,136.4	Ladder Peak	60.63
6	300	150.00	757.6	Ladder Peak	69.87
7	400	150.00	568.2	Ladder Peak	77.83
8	500	150.00	454.5	Ladder Peak	83.47
9	600	150.00	378.8	Ladder Peak	88.21
10	700	150.00	324.7	Ladder Peak	91.29
11	1,000	150.00	227.3	Ladder Peak	95.37
12	2,000	150.00	113.6	Ladder Peak	101.53
13	3,000	150.00	75.8	Ladder Peak	104.61
14	7,000	150.00	32.5	Ladder Peak	109.64
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : pacbio maika**

Number of peaks found: 13                      Corr. Area 1: 9,226.0  
 Noise: 0.2

**Peak table for sample 1 : pacbio maika**

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	868	6.41	11.2		93.57
3	1,001	182.81	276.6		95.38
4	1,651	92.14	84.6		99.38
5	1,960	107.54	83.1		101.28
6	2,300	46.37	30.5		102.46
7	2,998	1,156.99	584.8		104.60
8	3,694	5,393.93	2,212.6		105.48
9	8,566	132.28	23.4		111.19
10	10,380	75.00	10.9	Upper Marker	113.00
11	13,077	0.00	0.0		115.68
12	15,823	0.00	0.0		118.42
13	16,901	0.00	0.0		119.49
14	19,108	0.00	0.0		121.69
15	19,892	0.00	0.0		122.47

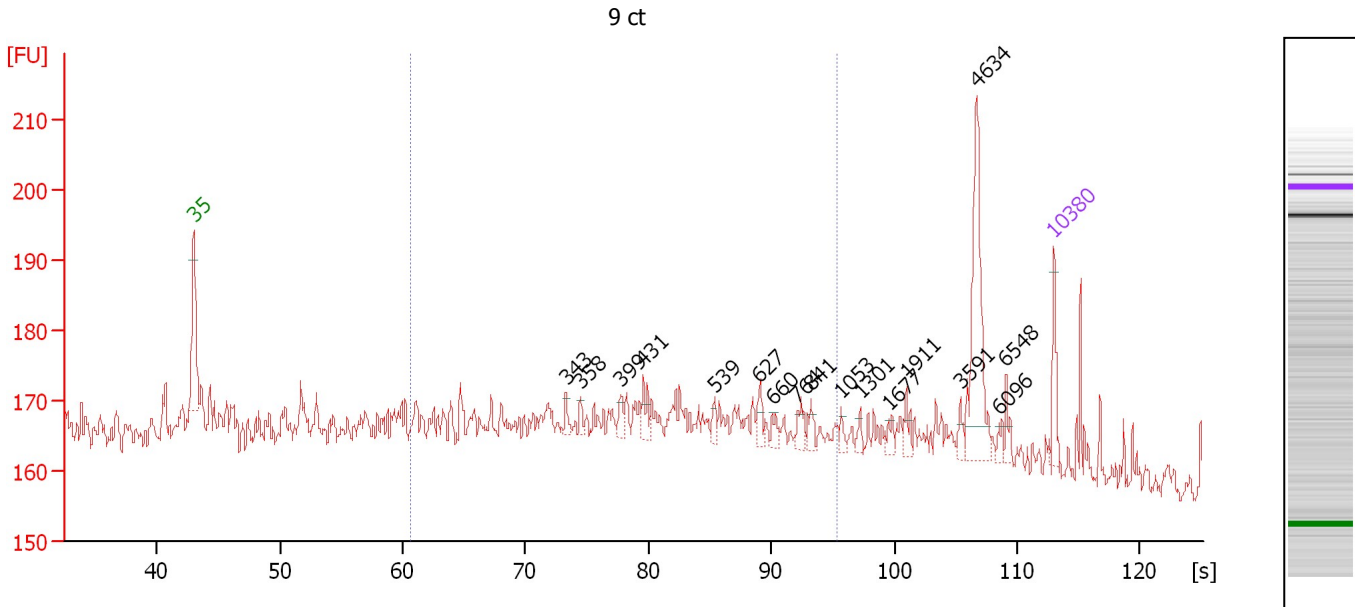
**Region table for sample 1 : pacbio maika**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
867	11,585	3,939	9,226.0	3,056.8	7,122.30	100	32.8

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 9 ct**

Number of peaks found: 17                      Corr. Area 1: 323.4  
 Noise: 2.9

**Peak table for sample 2 : 9 ct**

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	343	34.65	153.2		73.28
3	358	32.58	138.0		74.46
4	399	45.25	171.9		77.74
5	431	74.13	260.7		79.57
6	539	36.41	102.3		85.34
7	627	51.19	123.6		89.05
8	660	38.76	89.0		90.06
9	764	54.38	107.9		92.16
10	841	38.04	68.6		93.21
11	1,053	26.31	37.9		95.70
12	1,301	24.21	28.2		97.23
13	1,677	29.59	26.7		99.54
14	1,911	41.76	33.1		100.98
15	3,591	30.19	12.7		105.35
16	4,634	394.48	129.0		106.66
17	6,096	22.32	5.5		108.50
18	6,548	41.52	9.6		109.07
19	10,380	75.00	10.9	Upper Marker	113.00

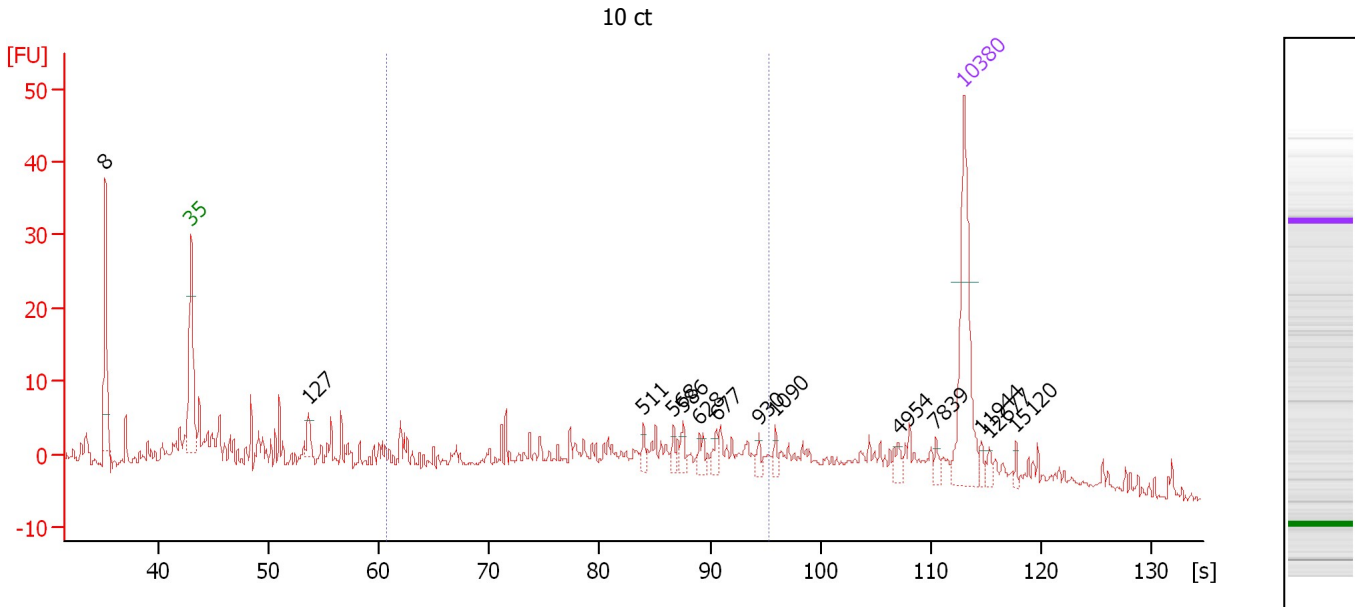
**Region table for sample 2 : 9 ct**

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	472	323.4	16,816.5	4,138.09	46	40.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 10 ct**

Number of peaks found: 14                      Corr. Area 1: 119.5  
 Noise: 0.7

**Peak table for sample 3 : 10 ct**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	8	0.00	0.0		35.22
2	35	125.00	5,411.3	Lower Marker	43.00
3	127	15.67	187.5		53.65
4	511	6.68	19.8		84.01
5	568	6.50	17.3		86.68
6	586	7.76	20.1		87.56
7	628	8.95	21.6		89.07
8	677	7.01	15.7		90.57
9	930	5.05	8.2		94.42
10	1,090	5.42	7.5		95.93
11	4,954	5.81	1.8		107.07
12	7,839	4.45	0.9		110.47
13	10,380	75.00	10.9	Upper Marker	113.00
14	11,944	0.00	0.0		114.56
15	12,677	0.00	0.0		115.29
16	15,120	0.00	0.0		117.72

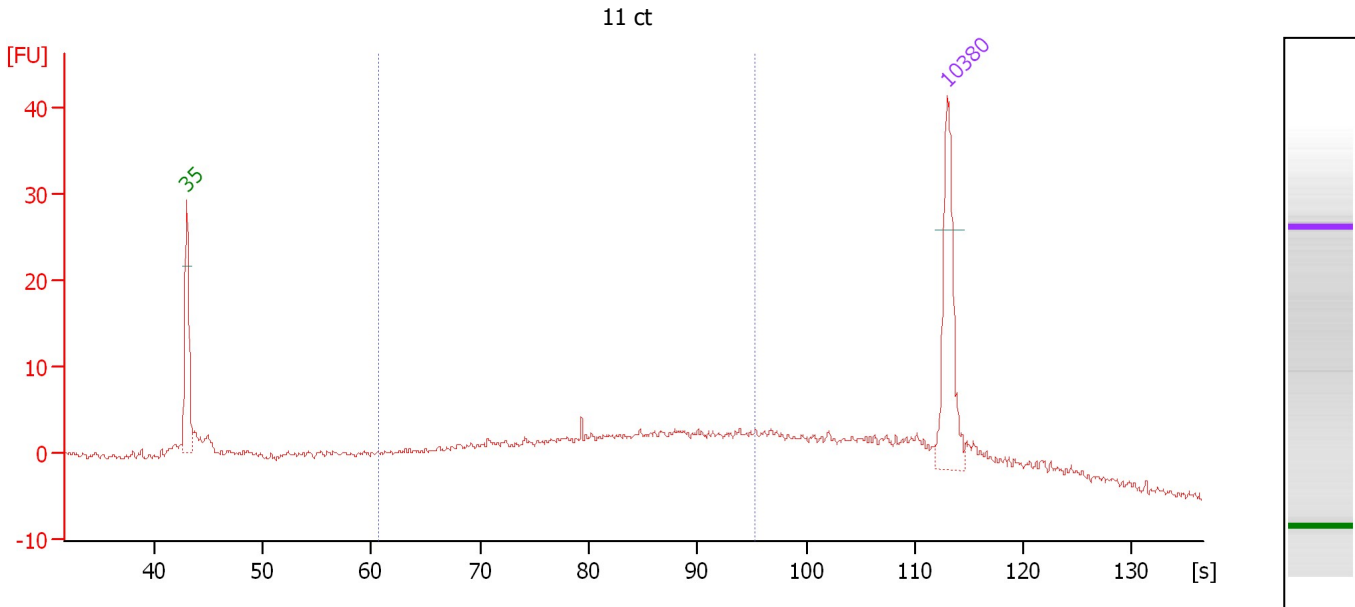
**Region table for sample 3 : 10 ct**

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	516	119.5	1,045.9	283.18	37	37.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 11 ct**

Number of peaks found: 0                      Corr. Area 1: 151.1  
 Noise: 0.4

**Peak table for sample 4 : 11 ct**

Pea k	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 4 : 11 ct**

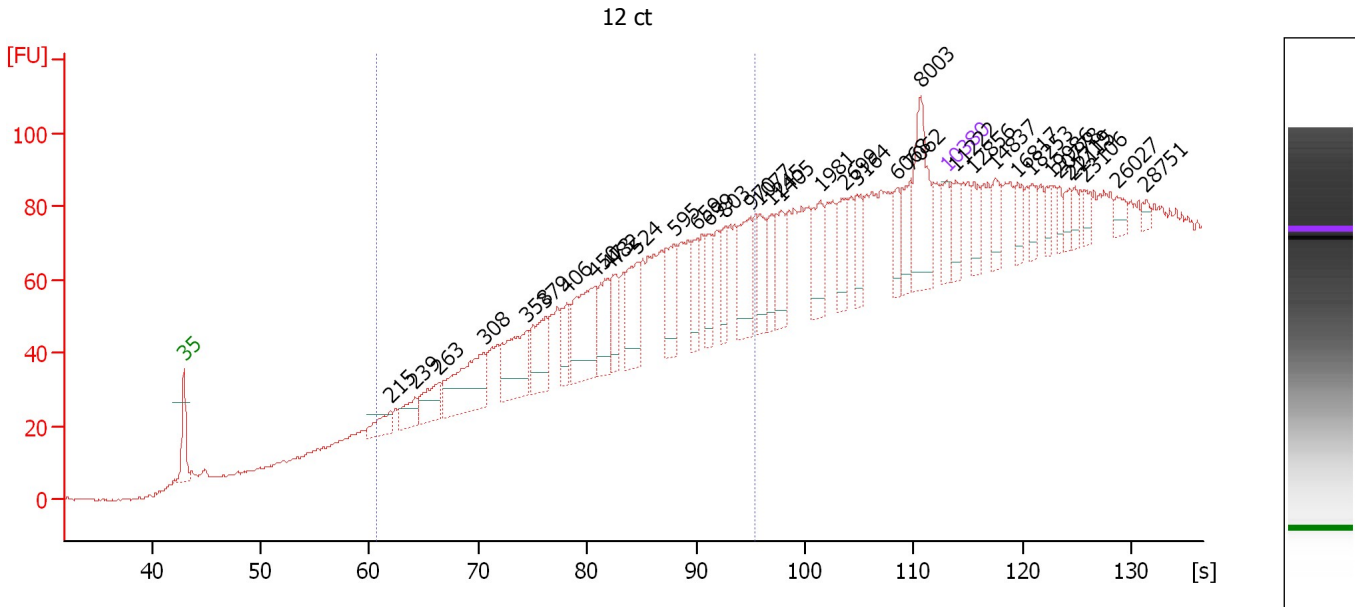
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	511	151.1	1,423.0	384.03	51	38.4



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : 12 ct**

Number of peaks found: 37                      Corr. Area 1: 822.2  
 Noise: 0.4

**Peak table for sample 5 : 12 ct**

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	215	111.52	787.4		61.98
3	239	112.24	711.1		64.25
4	263	178.83	1,031.8		66.42
5	308	413.43	2,034.0		70.51
6	358	331.70	1,403.4		74.50
7	379	223.12	891.6		76.18
8	406	120.68	450.8		78.15
9	450	376.08	1,265.9		80.66
10	473	182.46	584.6		81.94
11	482	121.47	381.5		82.49
12	524	227.18	657.0		84.61
13	595	190.57	485.6		87.96
14	659	120.38	276.8		90.03
15	699	129.98	281.8		91.26
16	803	101.43	191.4		92.69
17	970	200.38	313.1		94.96
18	1,077	118.50	166.7		95.85
19	1,245	86.76	105.6		96.88
20	1,405	129.31	139.4		97.87
21	1,981	131.96	100.9		101.42
22	2,699	121.64	68.3		103.68
23	3,164	92.25	44.2		104.82
24	6,068	67.61	16.9		108.46
25	7,062	109.79	23.6		109.70

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 5 : 12 ct**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,003	257.50	48.7		110.63
27	10,380	75.00	10.9	Upper Marker	113.00
28	11,222	0.00	0.0		113.84
29	12,856	0.00	0.0		115.46
30	14,837	0.00	0.0		117.44
31	16,817	0.00	0.0		119.41
32	18,253	0.00	0.0		120.84
33	19,986	0.00	0.0		122.56
34	20,779	0.00	0.0		123.35
35	21,719	0.00	0.0		124.29
36	22,115	0.00	0.0		124.68
37	23,106	0.00	0.0		125.67
38	26,027	0.00	0.0		128.58
39	28,751	0.00	0.0		131.29

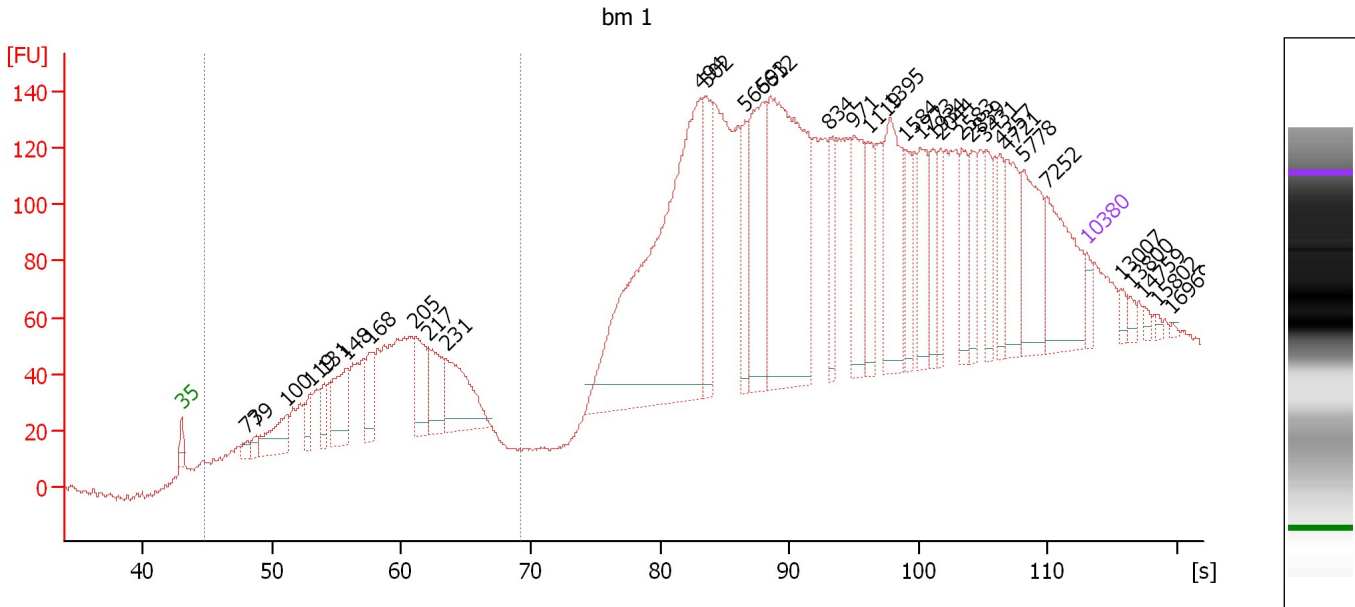
**Region table for sample 5 : 12 ct**

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	538	822.2	14,332.2	4,202.98	49	35.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : bm 1**

Number of peaks found: 35                      Corr. Area 1: 943.6  
 Noise: 1.0

**Peak table for sample 6 : bm 1**

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	73	92.40	1,910.5		48.07
3	79	89.77	1,711.2		48.77
4	100	492.67	7,438.7		51.14
5	119	212.10	2,690.7		52.96
6	131	228.48	2,648.6		54.04
7	148	646.62	6,598.1		55.75
8	168	393.26	3,552.1		57.57
9	205	547.35	4,043.4		61.10
10	217	487.48	3,407.1		62.18
11	231	773.82	5,081.9		63.47
12	494	4,135.90	12,679.5		83.15
13	502	693.60	2,093.9		83.56
14	566	387.79	1,038.4		86.59
15	593	1,050.83	2,684.9		87.88
16	612	2,397.62	5,934.5		88.59
17	834	308.45	560.5		93.11
18	971	559.81	873.2		94.98
19	1,119	343.43	465.1		96.10
20	1,395	763.75	829.4		97.80
21	1,584	244.27	233.7		98.97
22	1,773	368.98	315.4		100.13
23	1,934	242.84	190.2		101.13
24	2,044	206.75	153.3		101.67
25	2,583	276.00	161.9		103.33

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 6 : bm 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,839	241.74	129.0		104.12
27	3,431	222.92	98.4		105.15
28	4,357	200.97	69.9		106.32
29	4,721	396.36	127.2		106.77
30	5,778	531.58	139.4		108.10
31	7,252	643.69	134.5		109.89
32	10,380	75.00	10.9	Upper Marker	113.00
33	13,007	0.00	0.0		115.62
34	13,800	0.00	0.0		116.40
35	14,759	0.00	0.0		117.36
36	15,802	0.00	0.0		118.40
37	16,969	0.00	0.0		119.56

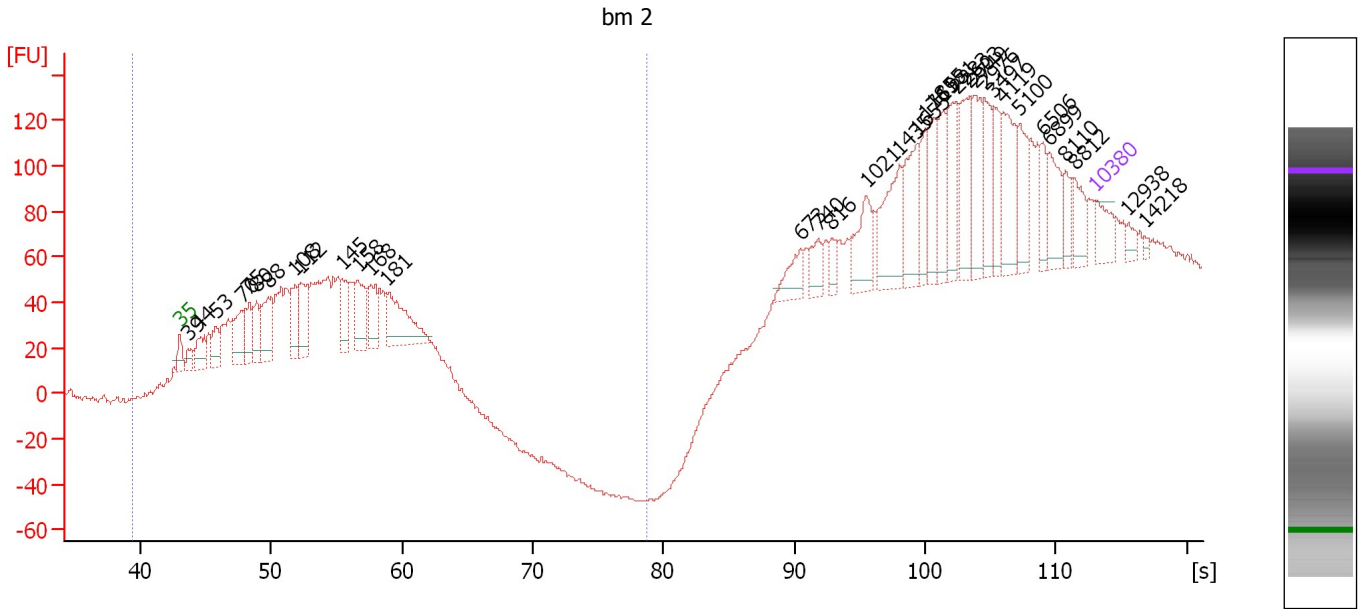
**Region table for sample 6 : bm 1**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
46	293	172	943.6	83,398.0	8,021.95	21	29.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : bm 2**

Number of peaks found: 35                      Corr. Area 1: 1,187.4  
 Noise: 0.8

**Peak table for sample 7 : bm 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	39	50.95	1,988.3		43.62
3	44	137.52	4,771.6		44.40
4	53	122.31	3,500.0		45.75
5	70	244.79	5,277.1		47.72
6	75	141.83	2,852.3		48.30
7	80	152.49	2,886.9		48.83
8	88	257.52	4,434.9		49.74
9	108	186.80	2,630.3		51.83
10	112	240.10	3,251.1		52.24
11	145	156.41	1,635.2		55.41
12	158	207.30	1,989.4		56.64
13	168	176.99	1,593.5		57.62
14	181	323.98	2,707.7		58.86
15	673	102.83	231.7		90.45
16	740	83.40	170.7		91.84
17	816	47.52	88.2		92.87
18	1,021	155.13	230.2		95.50
19	1,435	230.34	243.3		98.05
20	1,655	173.35	158.7		99.40
21	1,761	113.17	97.4		100.06
22	1,855	113.67	92.9		100.63
23	1,981	115.22	88.1		101.42
24	2,283	156.08	103.6		102.40
25	2,603	173.56	101.0		103.39

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
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**Electropherogram Summary Continued ...**

**... Peak table for sample 7 : bm 2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,749	142.90	78.8		103.84
27	2,976	129.79	66.1		104.54
28	3,497	103.13	44.7		105.24
29	4,119	193.17	71.1		106.02
30	5,100	116.25	34.5		107.25
31	6,506	70.22	16.4		109.02
32	6,899	120.78	26.5		109.51
33	8,110	55.01	10.3		110.74
34	8,812	84.44	14.5		111.44
35	10,380	75.00	10.9	Upper Marker	113.00
36	12,938	0.00	0.0		115.55
37	14,218	0.00	0.0		116.82

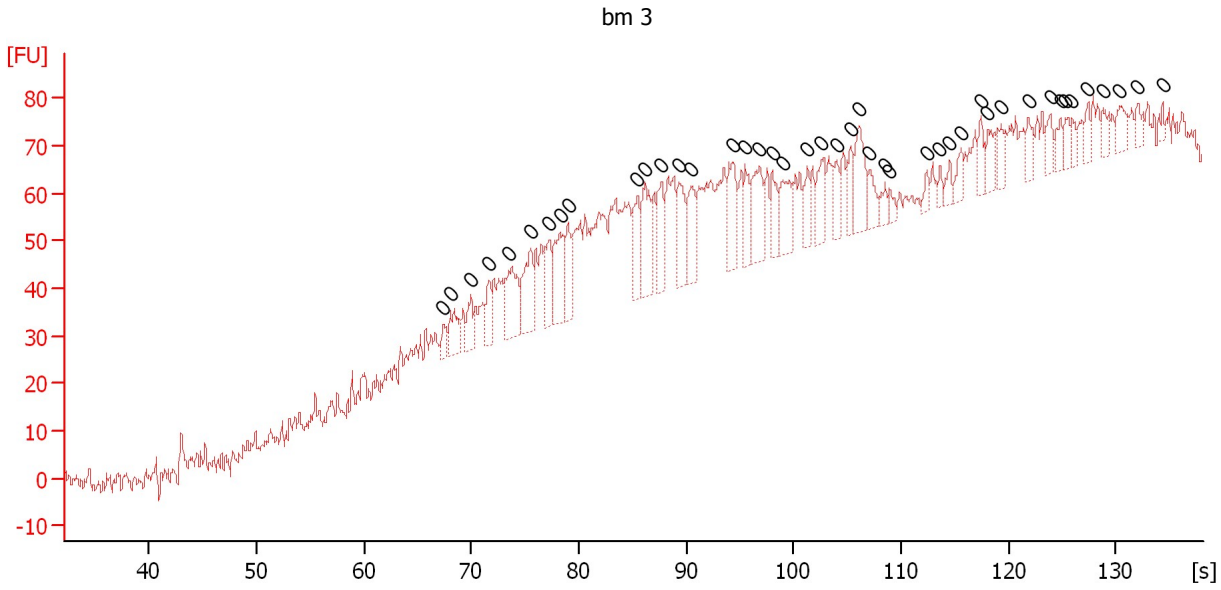
**Region table for sample 7 : bm 2**

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
12	415	118	1,187.4	79,989.7	5,018.87	46	40.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : bm 3**

Number of peaks found: 0                      Noise: 2.6

**Peak table for sample 8 : bm 3**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		67.40
2	0	0.00	0.0		68.10
3	0	0.00	0.0		69.90
4	0	0.00	0.0		71.65
5	0	0.00	0.0		73.55
6	0	0.00	0.0		75.50
7	0	0.00	0.0		77.25
8	0	0.00	0.0		78.25
9	0	0.00	0.0		79.00
10	0	0.00	0.0		85.45
11	0	0.00	0.0		86.15
12	0	0.00	0.0		87.70
13	0	0.00	0.0		89.30
14	0	0.00	0.0		90.45
15	0	0.00	0.0		94.40
16	0	0.00	0.0		95.50
17	0	0.00	0.0		96.80
18	0	0.00	0.0		98.05
19	0	0.00	0.0		99.00
20	0	0.00	0.0		101.25
21	0	0.00	0.0		102.60
22	0	0.00	0.0		104.00
23	0	0.00	0.0		105.30
24	0	0.00	0.0		106.10
25	0	0.00	0.0		107.10
26	0	0.00	0.0		108.50
27	0	0.00	0.0		108.90

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 8 : bm 3**

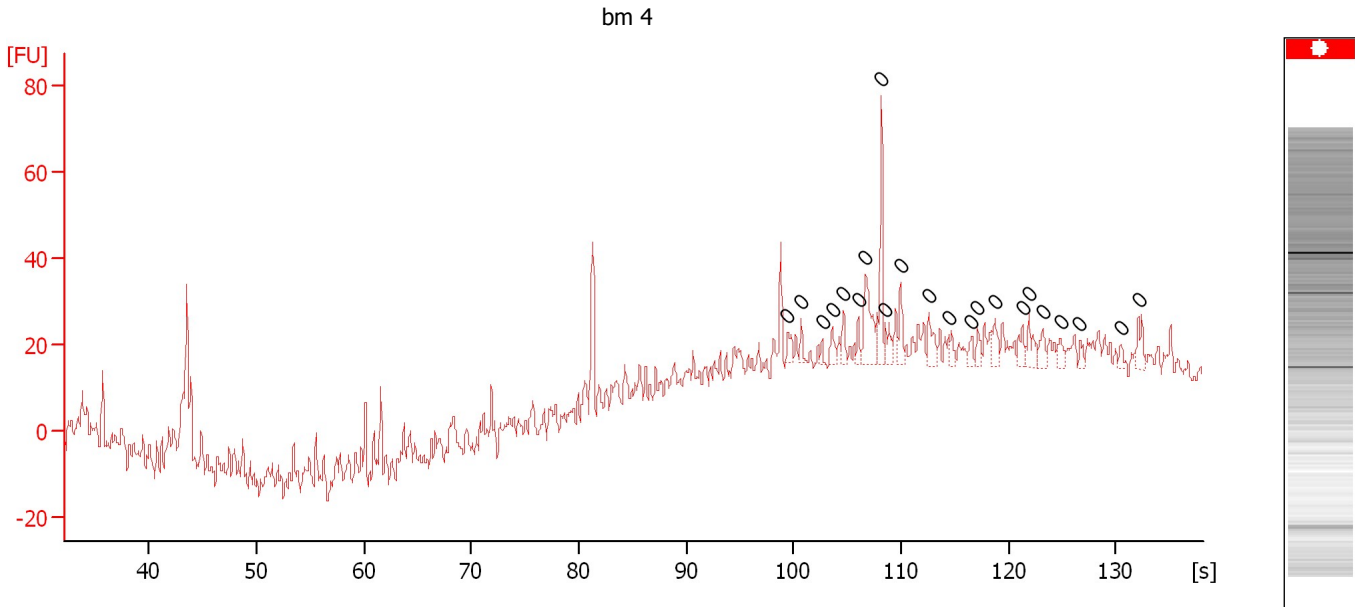
Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		112.40
29	0	0.00	0.0		113.60
30	0	0.00	0.0		114.55
31	0	0.00	0.0		115.55
32	0	0.00	0.0		117.40
33	0	0.00	0.0		118.10
34	0	0.00	0.0		119.35
35	0	0.00	0.0		121.85
36	0	0.00	0.0		123.90
37	0	0.00	0.0		124.90
38	0	0.00	0.0		125.30
39	0	0.00	0.0		125.90
40	0	0.00	0.0		127.35
41	0	0.00	0.0		128.80
42	0	0.00	0.0		130.35
43	0	0.00	0.0		132.05
44	0	0.00	0.0		134.35



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : bm 4**

Number of peaks found: 0                      Noise: 3.2

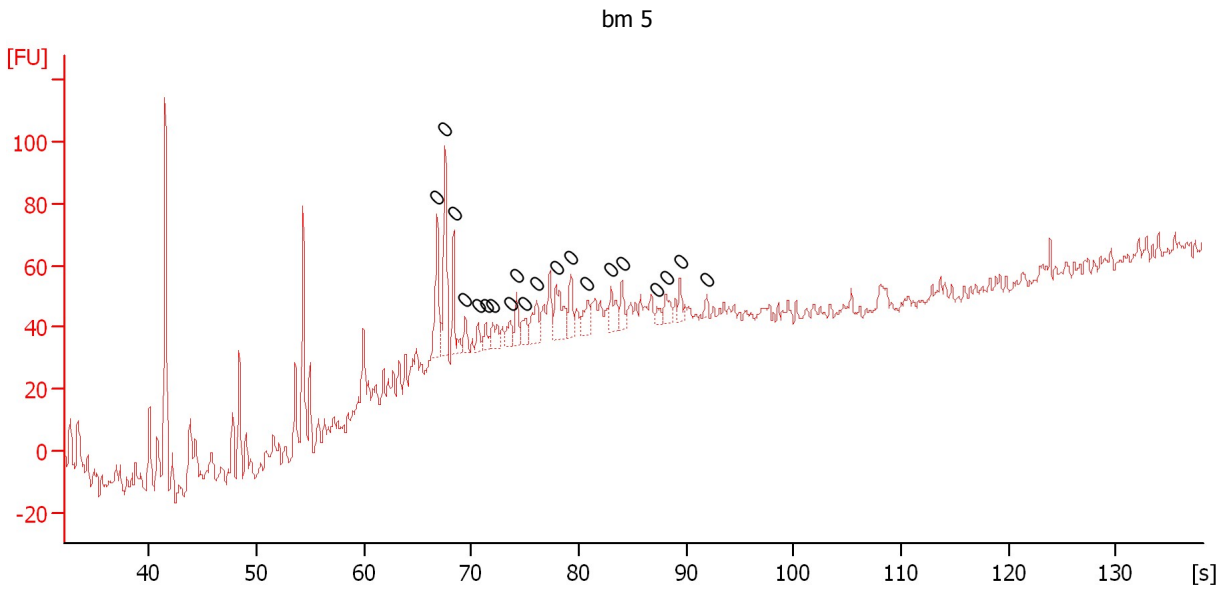
**Peak table for sample 9 : bm 4**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		99.45
2	0	0.00	0.0		100.70
3	0	0.00	0.0		102.65
4	0	0.00	0.0		103.60
5	0	0.00	0.0		104.65
6	0	0.00	0.0		106.00
7	0	0.00	0.0		106.70
8	0	0.00	0.0		108.15
9	0	0.00	0.0		108.60
10	0	0.00	0.0		109.95
11	0	0.00	0.0		112.60
12	0	0.00	0.0		114.45
13	0	0.00	0.0		116.55
14	0	0.00	0.0		117.10
15	0	0.00	0.0		118.75
16	0	0.00	0.0		121.30
17	0	0.00	0.0		121.90
18	0	0.00	0.0		123.20
19	0	0.00	0.0		124.85
20	0	0.00	0.0		126.65
21	0	0.00	0.0		130.45
22	0	0.00	0.0		132.10

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : bm 5**

Number of peaks found: 0                      Noise: 3.1

**Peak table for sample 10 : bm 5**

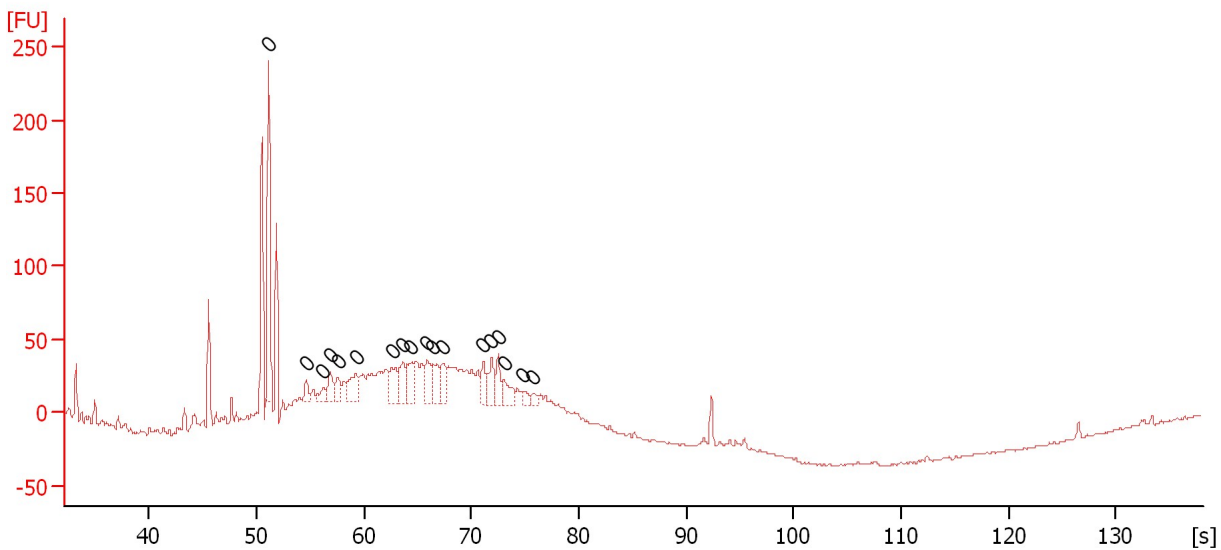
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		66.85
2	0	0.00	0.0		67.55
3	0	0.00	0.0		68.35
4	0	0.00	0.0		69.45
5	0	0.00	0.0		70.65
6	0	0.00	0.0		71.35
7	0	0.00	0.0		72.00
8	0	0.00	0.0		73.60
9	0	0.00	0.0		74.20
10	0	0.00	0.0		74.90
11	0	0.00	0.0		76.05
12	0	0.00	0.0		77.85
13	0	0.00	0.0		79.25
14	0	0.00	0.0		80.80
15	0	0.00	0.0		83.00
16	0	0.00	0.0		84.00
17	0	0.00	0.0		87.30
18	0	0.00	0.0		88.15
19	0	0.00	0.0		89.45
20	0	0.00	0.0		91.90

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

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**Electropherogram Summary Continued ...**

bm 6



**Overall Results for sample 11 : bm 6**

Number of peaks found: 0                      Noise: 1.0

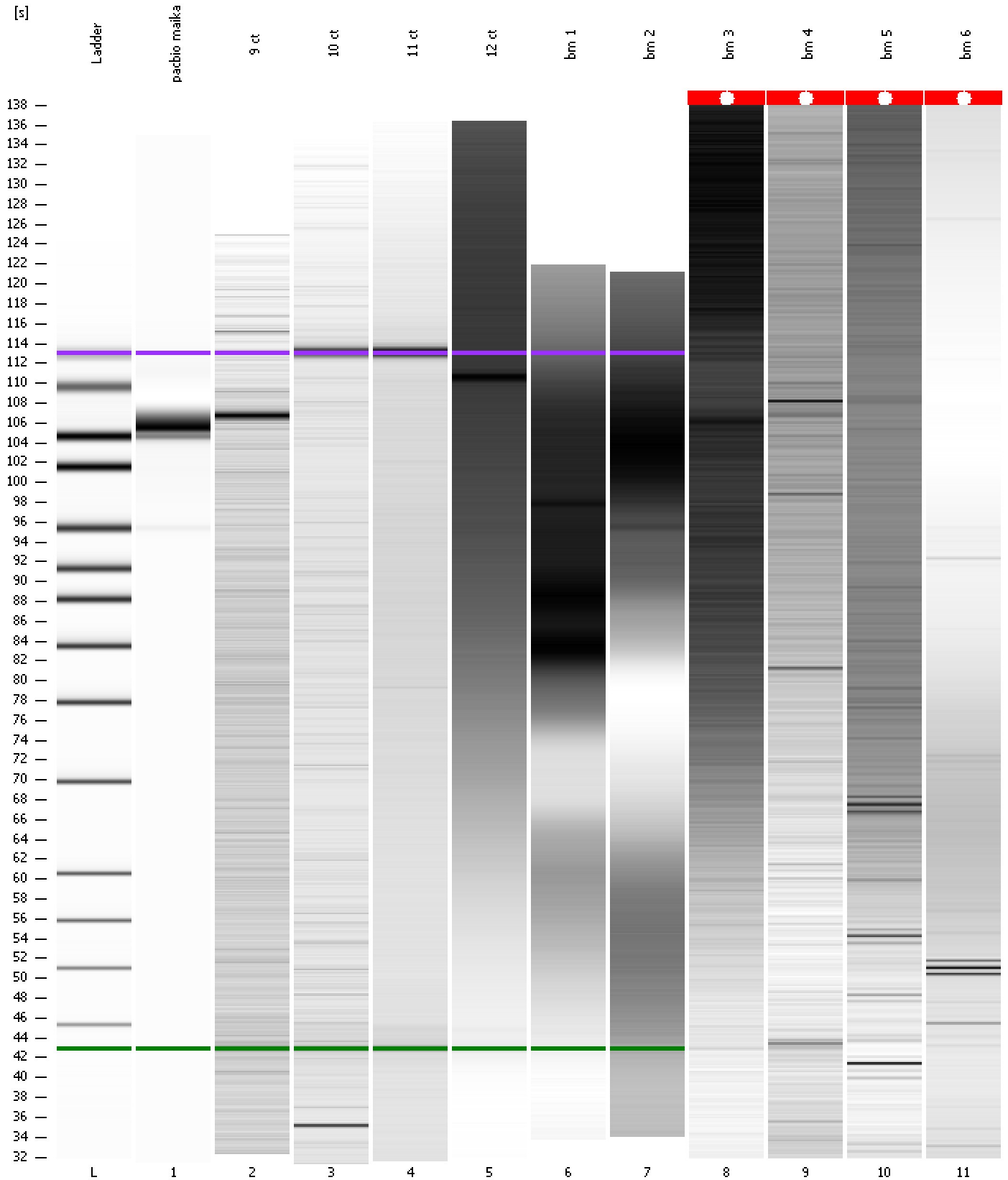
**Peak table for sample 11 : bm 6**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		51.10
2	0	0.00	0.0		54.65
3	0	0.00	0.0		56.20
4	0	0.00	0.0		56.85
5	0	0.00	0.0		57.55
6	0	0.00	0.0		59.25
7	0	0.00	0.0		62.65
8	0	0.00	0.0		63.60
9	0	0.00	0.0		64.40
10	0	0.00	0.0		65.85
11	0	0.00	0.0		66.45
12	0	0.00	0.0		67.40
13	0	0.00	0.0		71.10
14	0	0.00	0.0		71.85
15	0	0.00	0.0		72.50
16	0	0.00	0.0		73.05
17	0	0.00	0.0		74.75
18	0	0.00	0.0		75.75

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
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**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2016-01-26\2016-01-26\_001.xad

Created: 1/26/2016 2:08:08 PM  
 Modified: 1/26/2016 2:49:27 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		1/26/2016 2:49:26 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2016-01-26\2016-01-26_001.xad)		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		1/26/2016 2:08:14 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1