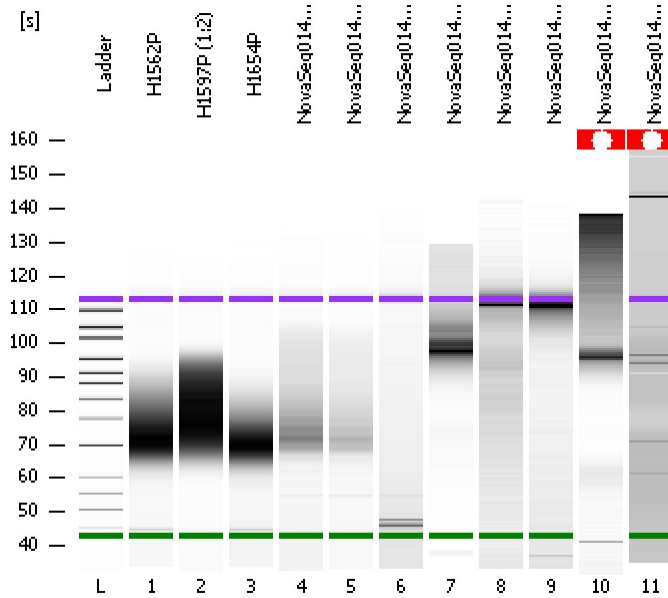


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
Modified: 1/22/2019 3:07:36 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

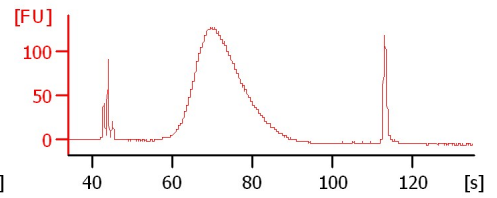
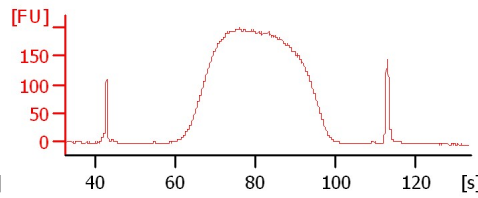
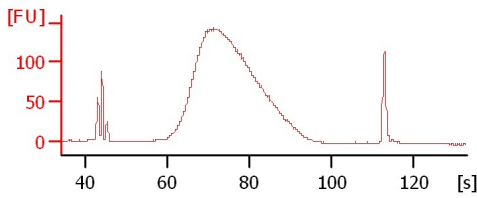
Chip Information:

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

H1562P

H1597P (1:2)

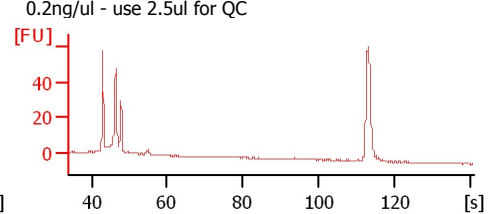
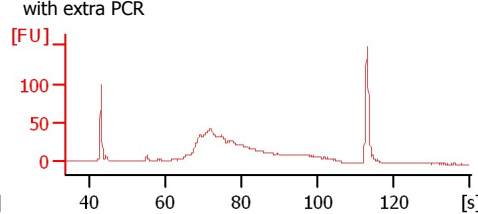
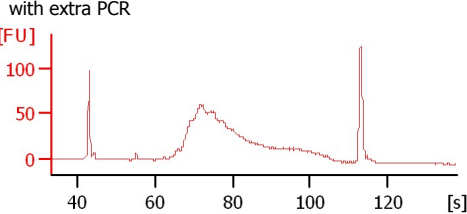
H1654P



NovaSeq014 - 1 lib

NovaSeq014 - 3 lib

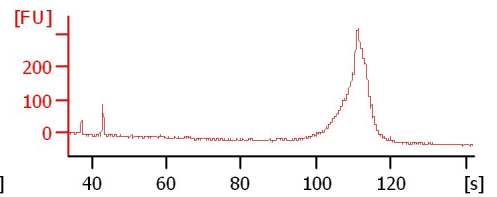
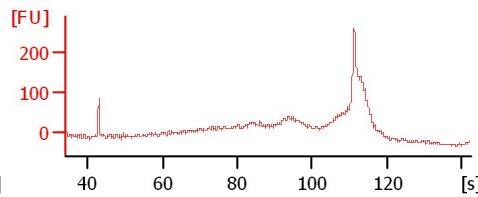
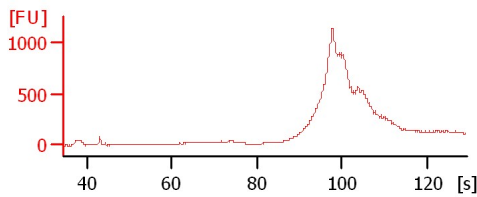
NovaSeq014 - 5 lib



NovaSeq014 - 1 gDNA

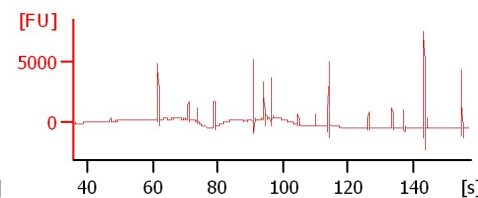
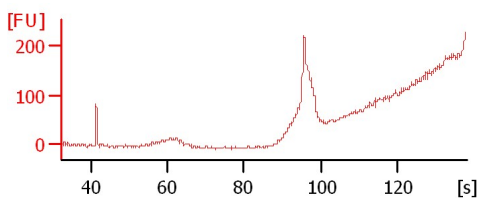
NovaSeq014 - 2 gDNA

NovaSeq014 - 3 gDNA



NovaSeq014 - 4 gDNA

NovaSeq014 - 5 gDNA



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
Modified: 1/22/2019 3:07:36 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
H1562P		<input type="checkbox"/>	✓			
H1597P (1:2)		<input type="checkbox"/>	✓			
H1654P		<input type="checkbox"/>	✓			
NovaSeq014 - 1 lib	with extra PCR	<input type="checkbox"/>	✓			
NovaSeq014 - 3 lib	with extra PCR	<input type="checkbox"/>	✓			
NovaSeq014 - 5 lib	0.2ng/ul - use 2.5ul for QC	<input type="checkbox"/>	✓			
NovaSeq014 - 1 gDNA		<input type="checkbox"/>	✓			
NovaSeq014 - 2 gDNA		<input type="checkbox"/>	✓			
NovaSeq014 - 3 gDNA		<input type="checkbox"/>	✓			
NovaSeq014 - 4 gDNA		<input type="checkbox"/>	✓			
NovaSeq014 - 5 gDNA		<input type="checkbox"/>	⚠			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
Modified: 1/22/2019 3:07:36 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

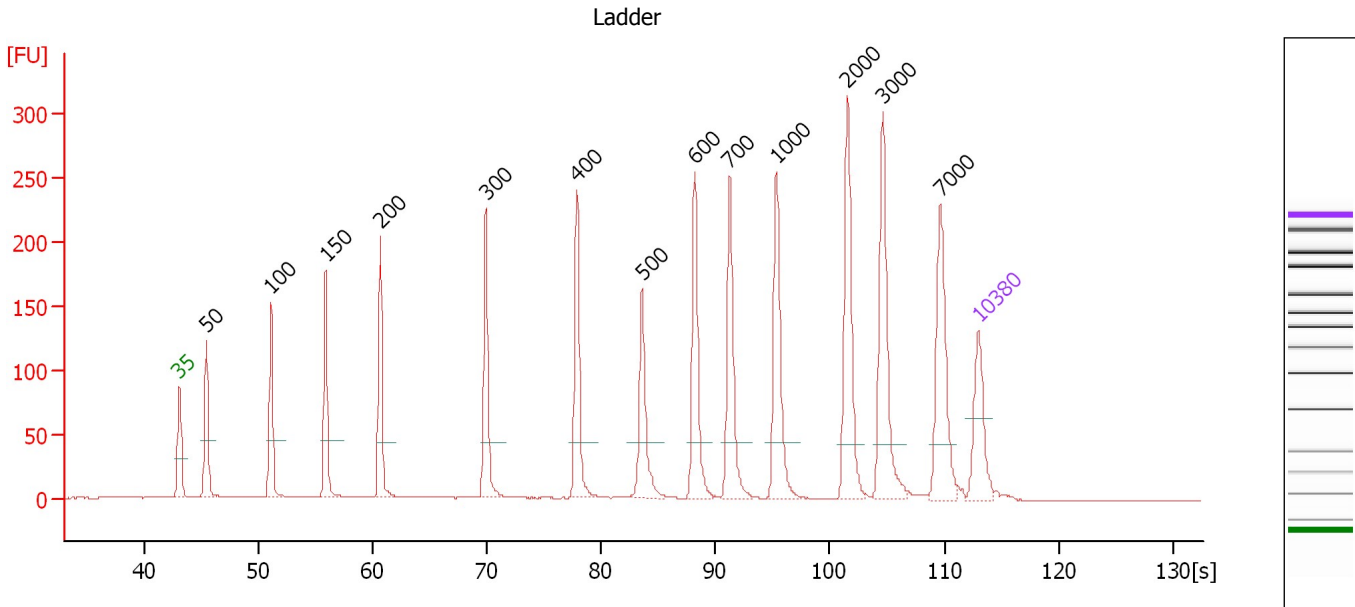
Ladder

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:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

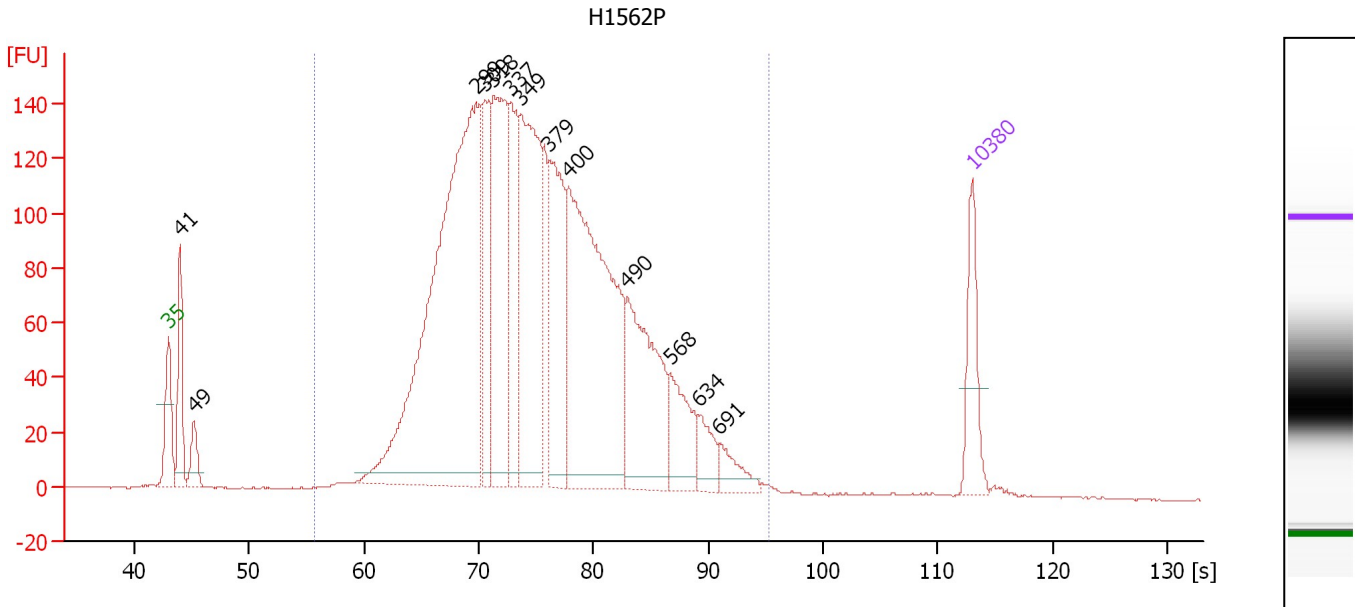
Peak table for Ladder

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	45.35
3	100	150.00	2,272.7	Ladder Peak	51.04
4	150	150.00	1,515.2	Ladder Peak	55.84
5	200	150.00	1,136.4	Ladder Peak	60.59
6	300	150.00	757.6	Ladder Peak	69.86
7	400	150.00	568.2	Ladder Peak	77.81
8	500	150.00	454.5	Ladder Peak	83.55
9	600	150.00	378.8	Ladder Peak	88.16
10	700	150.00	324.7	Ladder Peak	91.22
11	1,000	150.00	227.3	Ladder Peak	95.31
12	2,000	150.00	113.6	Ladder Peak	101.57
13	3,000	150.00	75.8	Ladder Peak	104.63
14	7,000	150.00	32.5	Ladder Peak	109.66
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : H1562P

Number of peaks found: 13 Corr. Area 1: 3,591.1
 Noise: 0.3

Peak table for sample 1 : H1562P

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	141.95	5,212.6		43.98
3	49	56.11	1,734.6		45.20
4	299	1,138.41	5,763.6		69.79
5	309	167.15	820.8		70.54
6	318	350.63	1,670.8		71.29
7	337	204.42	919.7		72.79
8	349	405.56	1,763.0		73.72
9	379	255.78	1,022.2		76.15
10	400	634.89	2,402.3		77.84
11	490	265.55	821.0		82.98
12	568	100.76	268.9		86.67
13	634	46.10	110.2		89.20
14	691	41.11	90.2		90.93
15	10,380	75.00	10.9	Upper Marker	113.00

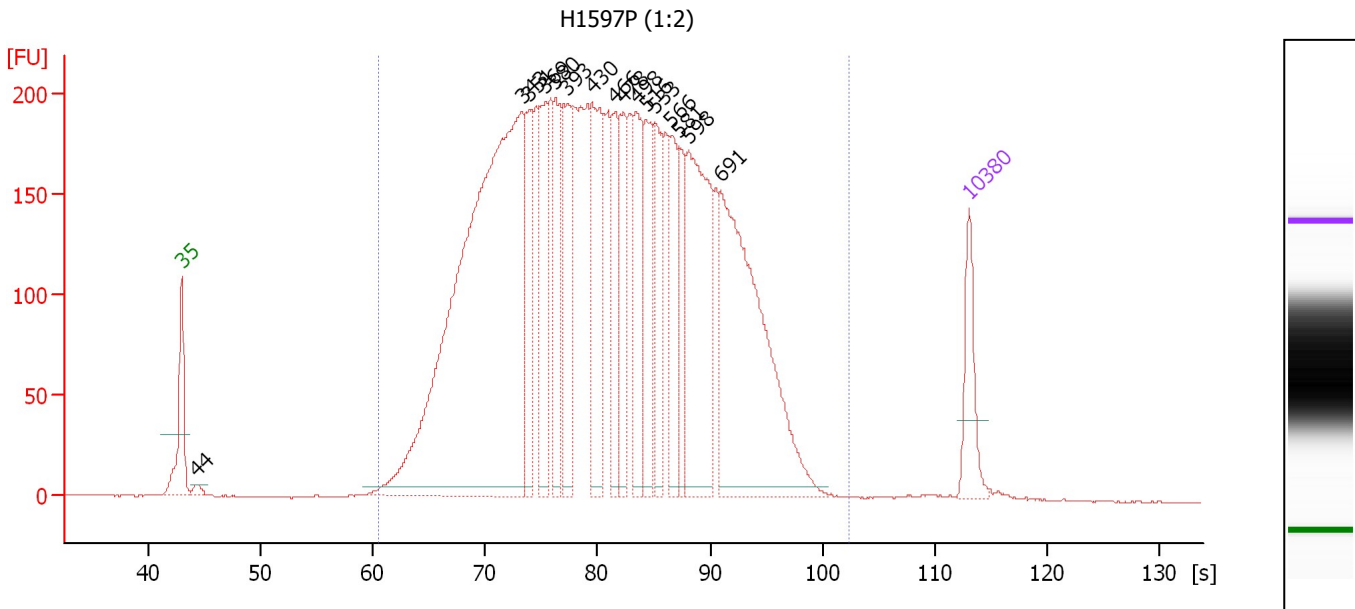
Region table for sample 1 : H1562P

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
149	1,000	381	3,881.53	3,591.1	17,188.4	95	29.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : H1597P (1:2)

Number of peaks found: 16 Corr. Area 1: 6,637.8
 Noise: 0.3

Peak table for sample 2 : H1597P (1:2)

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	44	14.07	486.4		44.38
3	343	1,548.73	6,843.1		73.27
4	351	145.91	630.4		73.89
5	369	196.84	807.5		75.37
6	380	171.62	684.0		76.23
7	393	165.78	638.6		77.28
8	430	246.50	868.8		79.53
9	466	141.80	461.4		81.58
10	478	140.32	444.6		82.30
11	498	183.11	557.0		83.44
12	516	158.32	464.6		84.30
13	533	135.17	384.3		85.07
14	566	124.56	333.4		86.59
15	581	96.20	251.1		87.26
16	598	354.91	899.0		88.08
17	691	592.42	1,299.2		90.94
18	10,380	75.00	10.9	Upper Marker	113.00

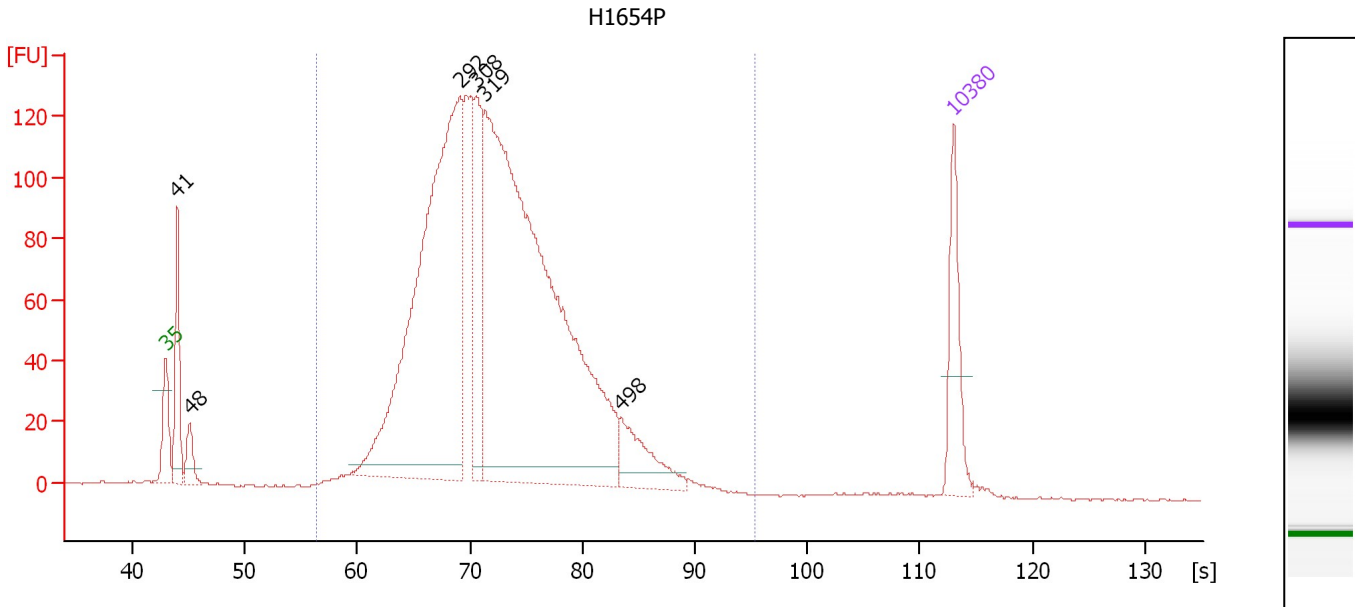
Region table for sample 2 : H1597P (1:2)

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	2,259	495	5,613.64	6,637.8	20,862.7	99	43.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : H1654P

Number of peaks found: 6 Corr. Area 1: 2,569.1
 Noise: 0.3

Peak table for sample 3 : H1654P

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	141.50	5,179.9		44.00
3	48	46.46	1,454.7		45.10
4	292	939.34	4,869.0		69.15
5	308	171.84	844.1		70.53
6	319	1,308.02	6,219.7		71.34
7	498	84.60	257.6		83.42
8	10,380	75.00	10.9	Upper Marker	113.00

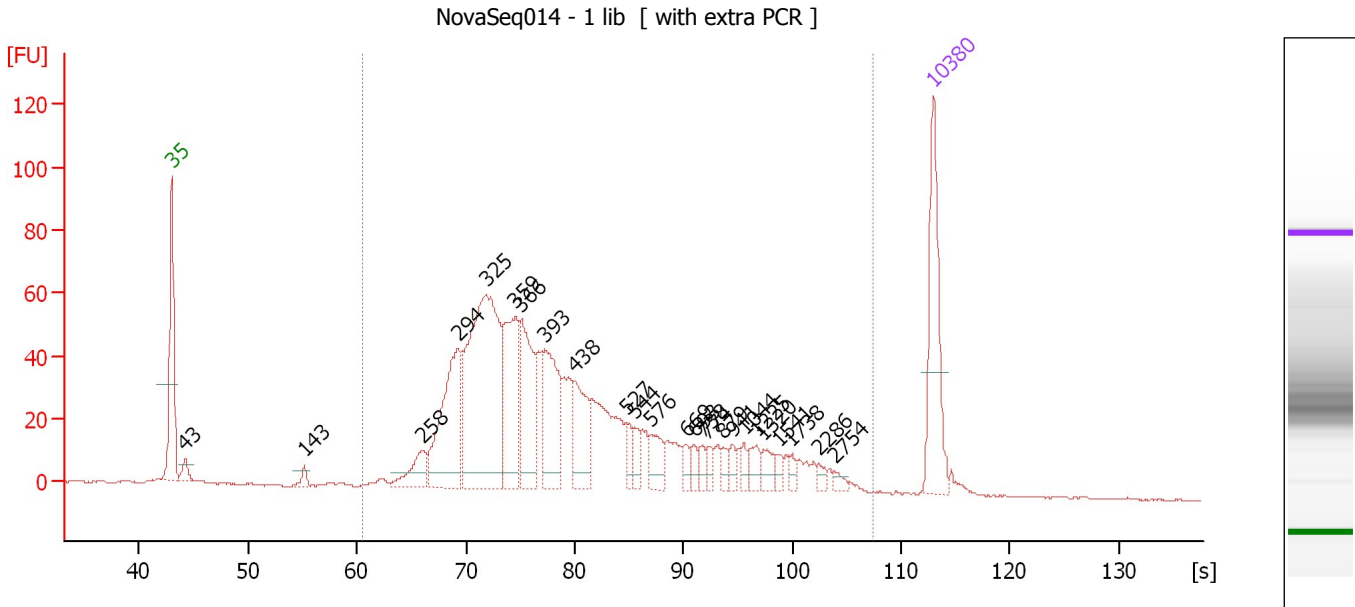
Region table for sample 3 : H1654P

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
156	1,000	338	2,741.50	2,569.1	13,209.4	95	23.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NovaSeq014 - 1 lib

Number of peaks found: 25 Corr. Area 1: 1,325.5
 Noise: 0.2

Peak table for sample 4 : NovaSeq014 - 1 lib

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	43	14.99	530.0		44.23
3	143	8.72	92.3		55.18
4	258	35.66	209.3		65.99
5	294	136.08	701.6		69.29
6	325	285.81	1,332.0		71.86
7	359	106.10	447.5		74.57
8	366	94.00	389.1		75.11
9	393	93.07	359.0		77.24
10	438	58.75	203.2		80.00
11	527	14.33	41.2		84.78
12	544	13.30	37.1		85.57
13	576	24.26	63.8		87.05
14	669	8.96	20.3		90.26
15	693	8.80	19.3		91.00
16	738	9.22	18.9		91.74
17	774	8.37	16.4		92.23
18	879	8.87	15.3		93.66
19	941	7.51	12.1		94.50
20	1,044	7.94	11.5		95.59
21	1,225	12.83	15.9		96.72
22	1,320	11.95	13.7		97.31
23	1,541	6.35	6.2		98.69
24	1,738	5.05	4.4		99.93
25	2,286	5.36	3.5		102.44

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...

... Peak table for sample 4 : NovaSeq014 - 1 lib

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,754	4.83	2.7		103.87
27	10,380	75.00	10.9	Upper Marker	113.00

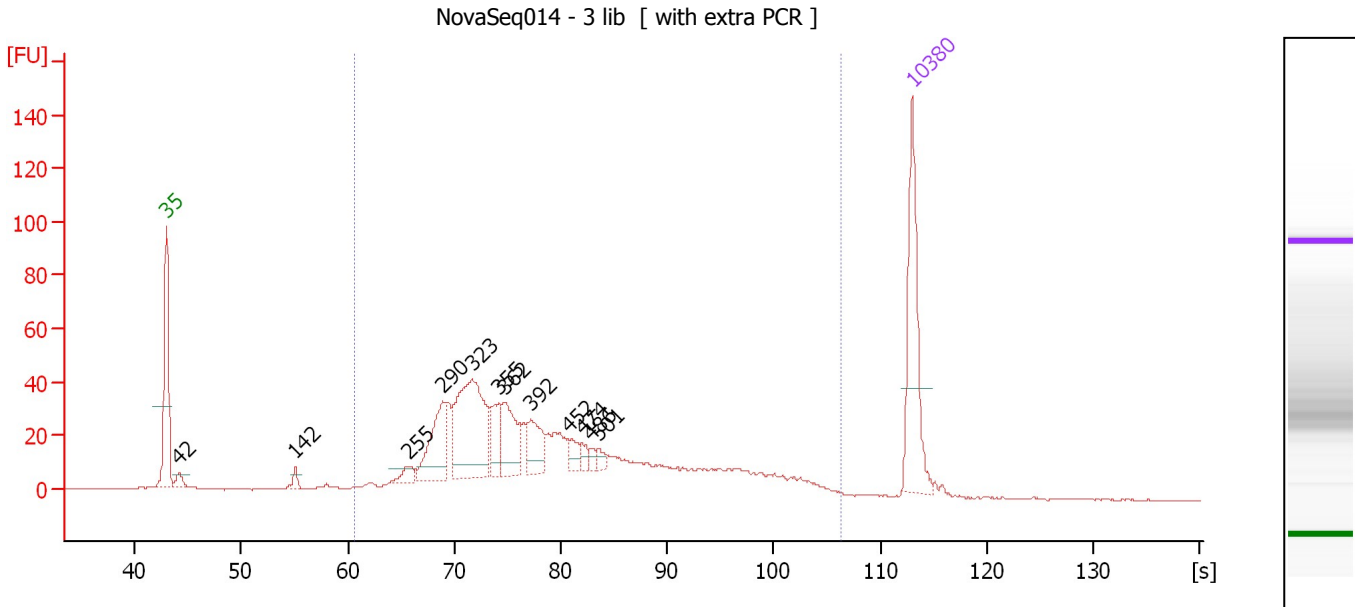
Region table for sample 4 : NovaSeq014 - 1 lib

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	5,245	581	1,264.43	1,325.5	4,855.2	97	90.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : NovaSeq014 - 3 lib

Number of peaks found: 12 Corr. Area 1: 909.6
 Noise: 0.3

Peak table for sample 5 : NovaSeq014 - 3 lib

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	11.17	399.3		44.16
3	142	7.67	81.7		55.10
4	255	12.22	72.6		65.68
5	290	63.51	331.6		68.95
6	323	135.17	633.2		71.73
7	355	29.62	126.6		74.20
8	362	48.34	202.3		74.80
9	392	32.62	126.1		77.17
10	452	12.38	41.5		80.80
11	474	6.85	21.9		82.06
12	486	5.08	15.8		82.76
13	501	6.17	18.6		83.62
14	10,380	75.00	10.9	Upper Marker	113.00

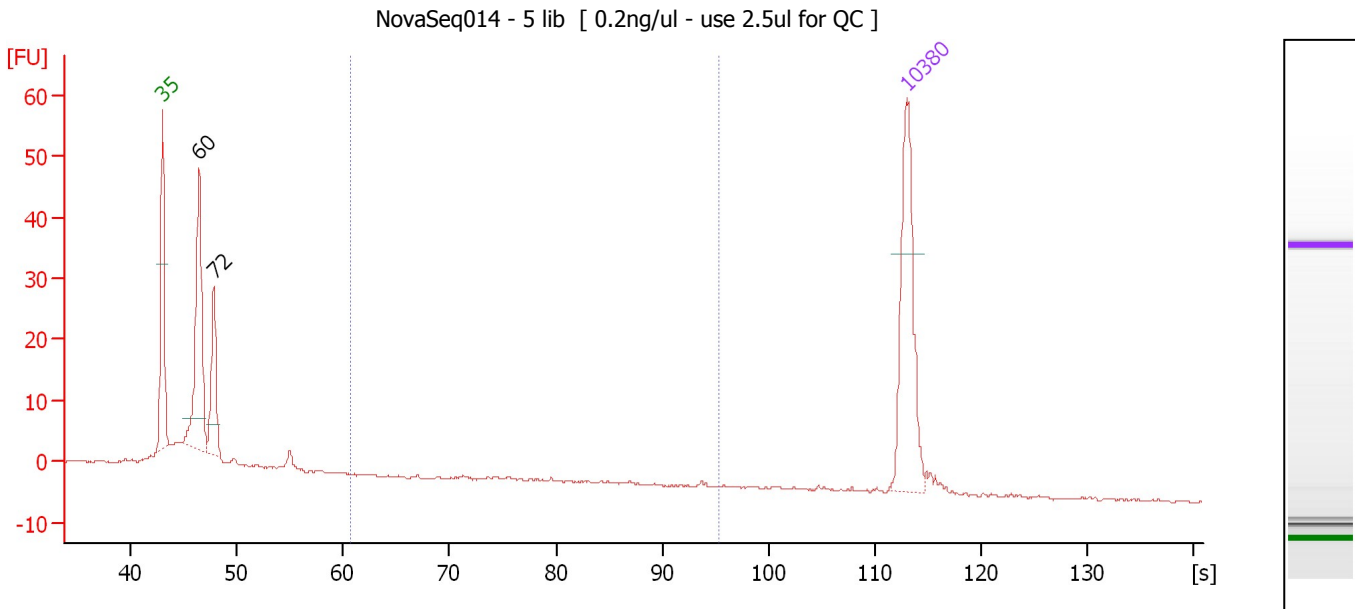
Region table for sample 5 : NovaSeq014 - 3 lib

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	4,392	573	745.71	909.6	2,927.3	92	88.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : NovaSeq014 - 5 lib

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

Peak table for sample 6 : NovaSeq014 - 5 lib

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	60	135.35	3,444.9		46.44
3	72	63.34	1,341.9		47.80
4	10,380	75.00	10.9	Upper Marker	113.00

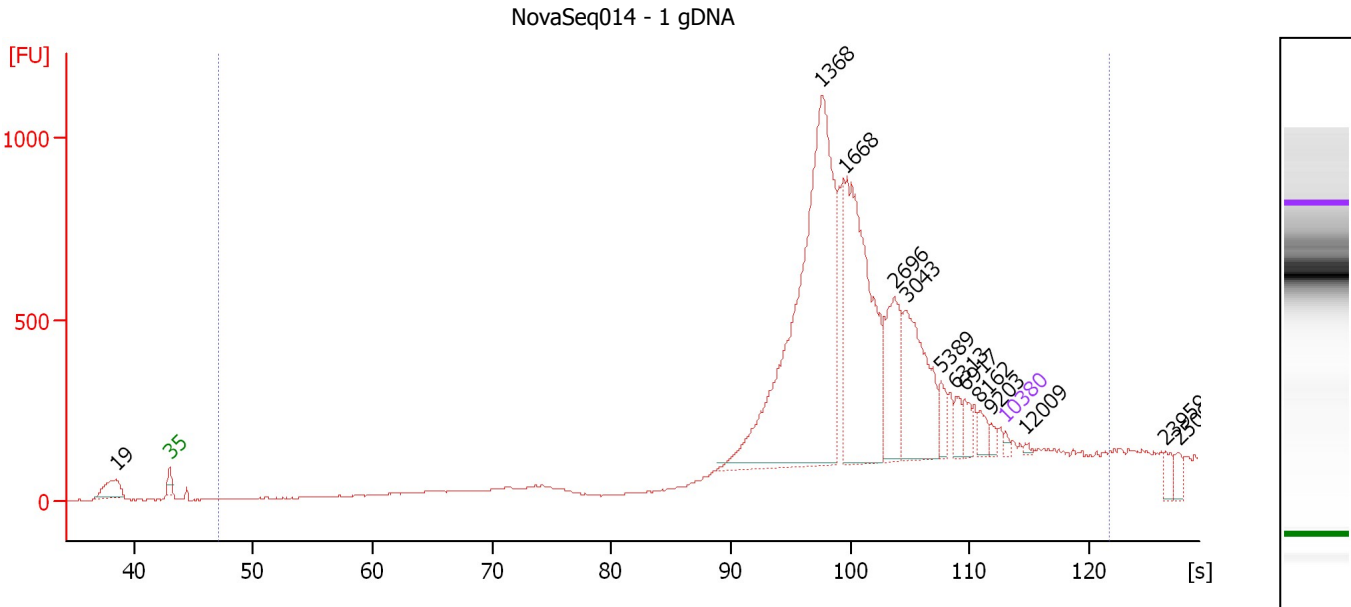
Region table for sample 6 : NovaSeq014 - 5 lib

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	811	0.23	0.2	0.5	0	21.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : NovaSeq014 - 1 gDNA

Number of peaks found: 13 Corr. Area 1: 9,863.9
 Noise: 1.2

Peak table for sample 7 : NovaSeq014 - 1 gDNA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	19	0.00	0.0		38.53
2	35	125.00	5,411.3	Lower Marker	43.00
3	1,368	10,359.68	11,475.2		97.61
4	1,668	5,173.94	4,699.5		99.49
5	2,696	1,617.22	908.9		103.70
6	3,043	2,374.64	1,182.3		104.68
7	5,389	379.31	106.6		107.63
8	6,313	281.76	67.6		108.80
9	6,917	303.57	66.5		109.56
10	8,162	243.81	45.3		110.81
11	9,203	133.77	22.0		111.84
12	10,380	75.00	10.9	Upper Marker	113.00
13	12,009	0.00	0.0		114.61
14	23,959	0.00	0.0		126.42
15	25,091	0.00	0.0		127.54

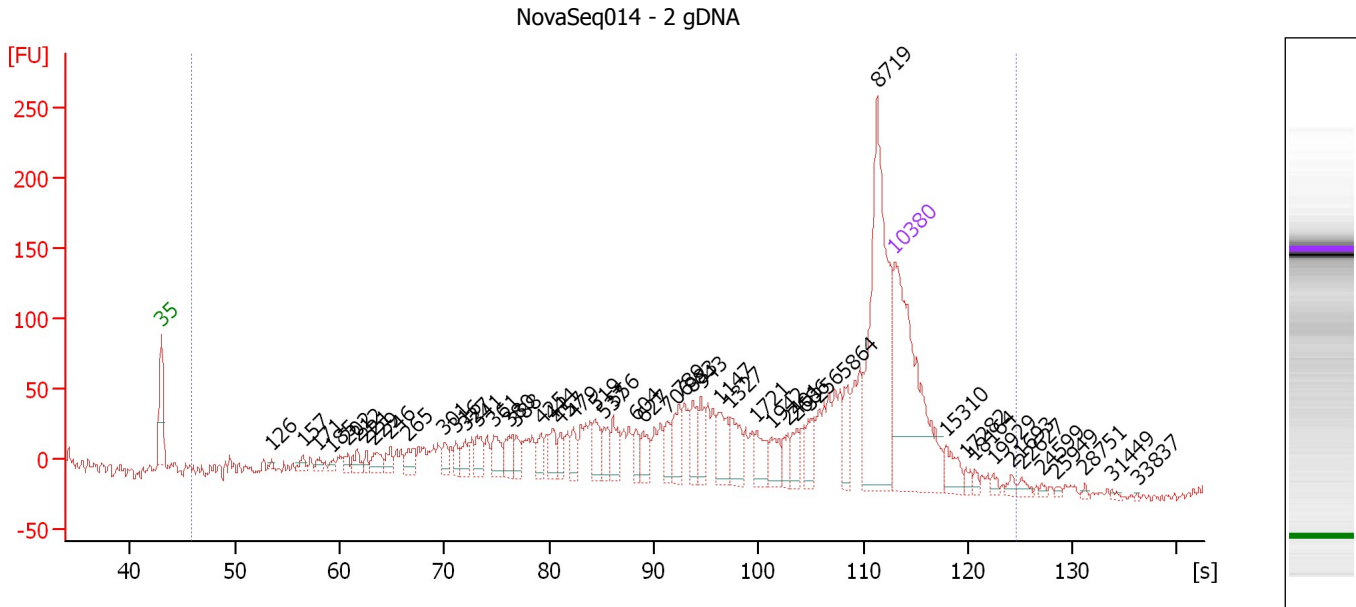
Region table for sample 7 : NovaSeq014 - 1 gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
65	19,242	2,842	24,772.46	9,863.9	22,777.2	96	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : NovaSeq014 - 2 gDNA

Number of peaks found: 50 Corr. Area 1: 2,609.6
 Noise: 3.3

Peak table for sample 8 : NovaSeq014 - 2 gDNA

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	126	1.75	21.1		53.51
3	157	4.04	39.1		56.49
4	171	3.36	29.8		57.82
5	185	2.61	21.4		59.15
6	202	3.70	27.8		60.74
7	212	6.40	45.9		61.67
8	221	3.55	24.3		62.54
9	229	8.55	56.5		63.31
10	246	6.57	40.5		64.85
11	265	9.08	52.0		66.59
12	301	6.55	32.9		69.97
13	316	6.33	30.4		71.10
14	327	7.07	32.7		72.03
15	341	9.76	43.3		73.15
16	361	11.50	48.2		74.74
17	380	9.57	38.2		76.23
18	388	7.09	27.6		76.90
19	425	7.99	28.5		79.26
20	444	8.86	30.2		80.33
21	457	6.69	22.2		81.10
22	479	7.26	23.0		82.33
23	519	10.90	31.8		84.44
24	537	8.63	24.3		85.26
25	556	11.60	31.6		86.13

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...

... Peak table for sample 8 : NovaSeq014 - 2 gDNA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	604	6.50	16.3		88.28
27	627	9.34	22.5		89.00
28	706	8.42	18.1		91.31
29	789	13.70	26.3		92.44
30	883	10.68	18.3		93.72
31	943	9.10	14.6		94.54
32	1,147	13.63	18.0		96.23
33	1,327	12.32	14.1		97.36
34	1,721	9.12	8.0		99.82
35	1,942	8.04	6.3		101.21
36	2,401	5.87	3.7		102.79
37	2,686	6.60	3.7		103.67
38	3,256	8.84	4.1		104.95
39	5,864	9.53	2.5		108.23
40	8,719	85.06	14.8		111.36
41	10,380	75.00	10.9	Upper Marker	113.00
42	15,310	0.00	0.0		117.87
43	17,282	0.00	0.0		119.82
44	18,164	0.00	0.0		120.69
45	19,929	0.00	0.0		122.44
46	21,693	0.00	0.0		124.18
47	22,627	0.00	0.0		125.10
48	24,599	0.00	0.0		127.05
49	25,949	0.00	0.0		128.38
50	28,751	0.00	0.0		131.15
51	31,449	0.00	0.0		133.82
52	33,837	0.00	0.0		136.18

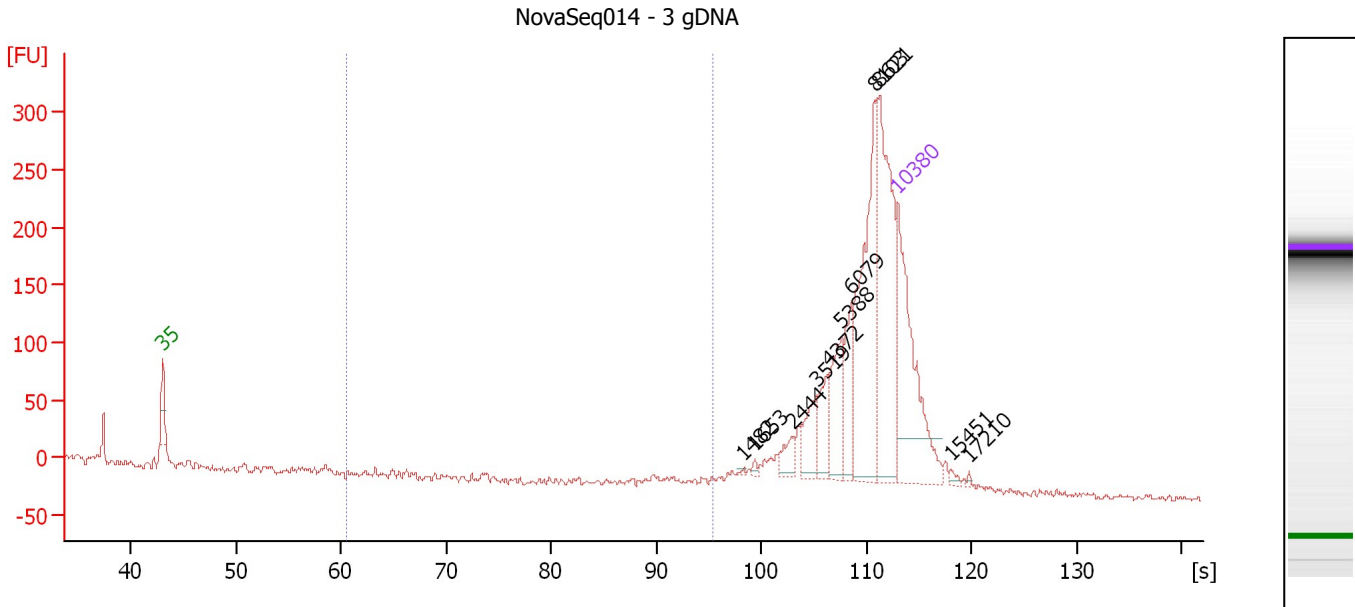
Region table for sample 8 : NovaSeq014 - 2 gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
54	22,205	4,969	628.42	2,609.6	1,955.7	98	100.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : NovaSeq014 - 3 gDNA

Number of peaks found: 11 Corr. Area 1: 6.9
 Noise: 3.0

Peak table for sample 9 : NovaSeq014 - 3 gDNA

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	1,482	0.70	0.7		98.33
3	1,653	1.41	1.3		99.40
4	2,444	7.92	4.9		102.93
5	3,519	17.69	7.6		105.28
6	4,372	15.59	5.4		106.35
7	5,388	29.23	8.2		107.63
8	6,079	23.71	5.9		108.50
9	8,103	89.64	16.8		110.75
10	8,621	92.24	16.2		111.26
11	10,380	75.00	10.9	Upper Marker	113.00
12	15,451	0.00	0.0		118.01
13	17,210	0.00	0.0		119.75

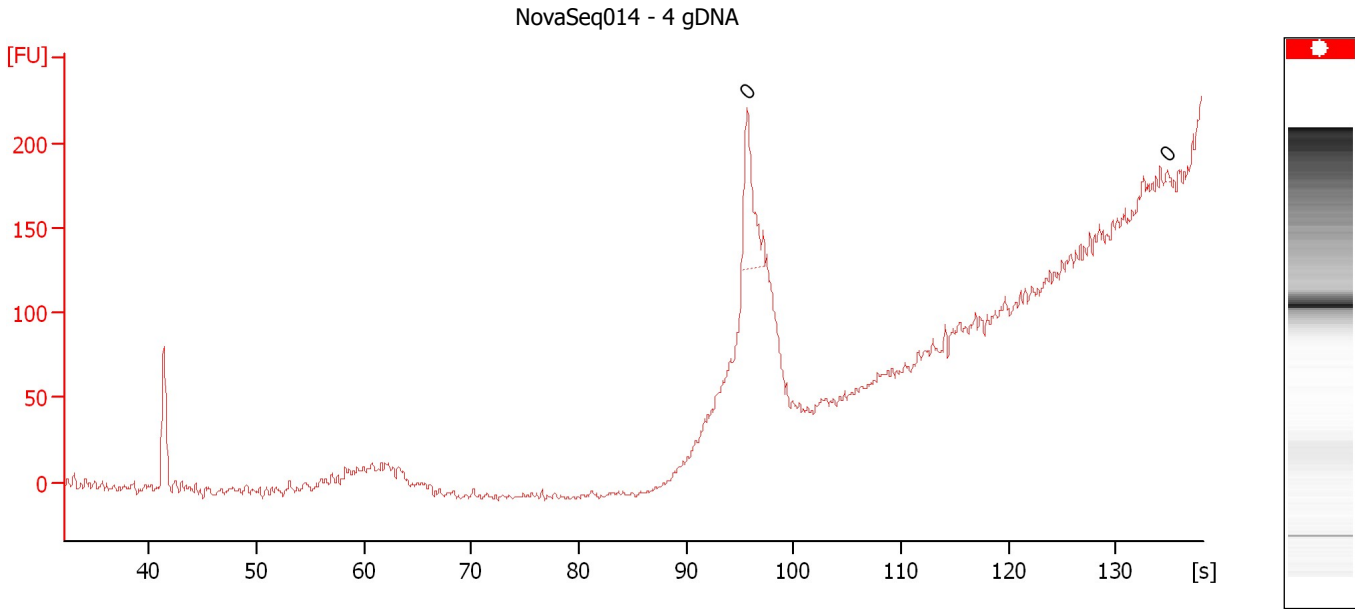
Region table for sample 9 : NovaSeq014 - 3 gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	754	1.68	6.9	3.9	0	23.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : NovaSeq014 - 4 gDNA

Number of peaks found: 0 Noise: 2.0

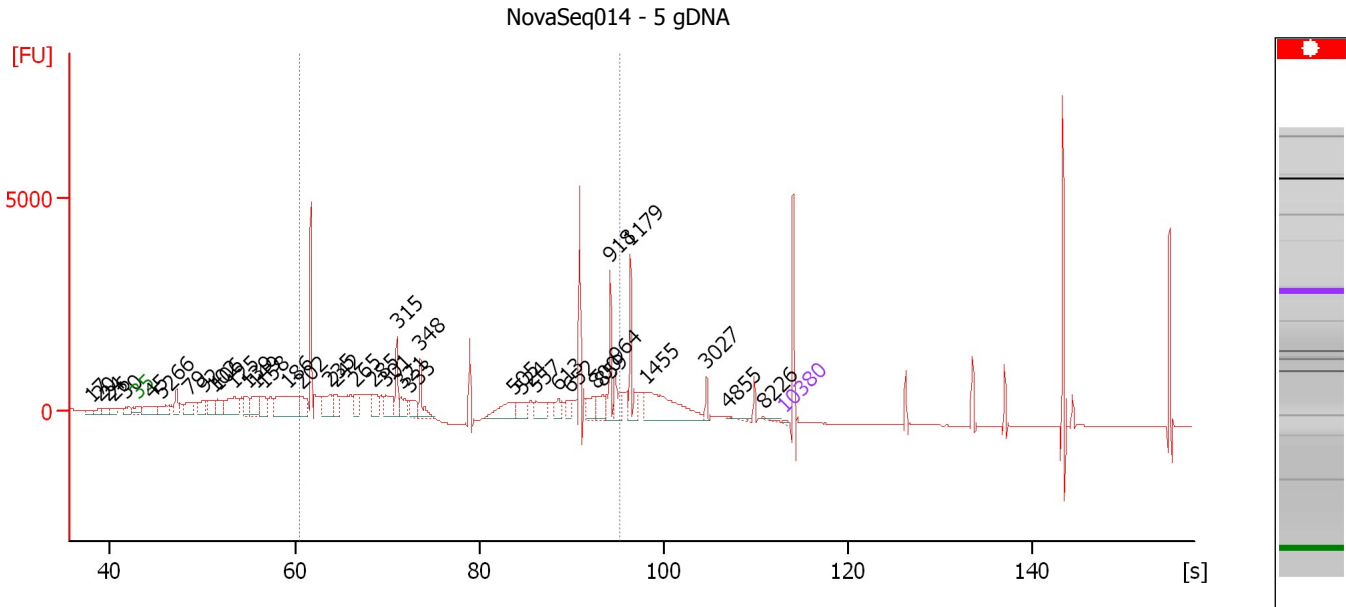
Peak table for sample 10 : NovaSeq014 - 4 gDNA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		95.65
2	0	0.00	0.0		134.80

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : NovaSeq014 - 5 gDNA

Number of peaks found: 41 Corr. Area 1: 18,750.9
 Noise: 1.7

Peak table for sample 11 : NovaSeq014 - 5 gDNA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	17	0.00	0.0		37.88
2	20	0.00	0.0		38.74
3	24	0.00	0.0		39.72
4	26	0.00	0.0		40.35
5	30	0.00	0.0		41.62
6	35	125.00	5,411.3	Lower Marker	43.00
7	45	2,221.96	74,973.8		44.55
8	52	1,647.69	47,940.7		45.59
9	66	1,721.02	39,377.0		47.20
10	79	1,694.84	32,566.4		48.64
11	92	1,851.49	30,329.5		50.19
12	102	2,121.98	31,556.6		51.23
13	106	1,794.81	25,635.6		51.63
14	125	3,432.24	41,517.0		53.47
15	139	1,674.48	18,246.7		54.79
16	149	2,447.02	24,944.6		55.71
17	158	1,727.98	16,602.1		56.57
18	186	5,798.86	47,353.9		59.22
19	202	1,734.52	13,014.5		60.77
20	235	2,225.53	14,359.5		63.82
21	242	1,438.17	9,017.2		64.45
22	265	1,402.47	8,011.5		66.64
23	285	1,439.08	7,647.9		68.48
24	301	1,739.59	8,764.8		69.92
25	315	2,116.57	10,174.7		71.07

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
 Modified: 1/22/2019 3:07:36 PM

Electropherogram Summary Continued ...

... Peak table for sample 11 : NovaSeq014 - 5 gDNA

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	321	1,183.18	5,585.2		71.53
27	333	1,152.61	5,251.4		72.45
28	348	1,817.13	7,917.4		73.66
29	505	2,016.79	6,051.2		83.78
30	524	1,255.50	3,632.4		84.64
31	557	1,492.53	4,057.2		86.20
32	613	694.95	1,718.1		88.55
33	652	691.30	1,605.6		89.76
34	800	1,158.79	2,195.2		92.58
35	859	1,215.84	2,144.9		93.39
36	918	1,988.01	3,281.6		94.19
37	964	1,330.20	2,090.2		94.82
38	1,179	2,696.93	3,464.5		96.43
39	1,455	4,580.44	4,769.0		98.16
40	3,027	439.79	220.2		104.66
41	4,855	134.63	42.0		106.96
42	8,226	36.85	6.8		110.87
43	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : NovaSeq014 - 5 gDNA

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	487	41,926.01	18,750.8	187,622.4	51	50.2

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-01-22\2019-01-22_002.xad

Created: 1/22/2019 2:26:16 PM
Modified: 1/22/2019 3:07:36 PM

Gel Image

