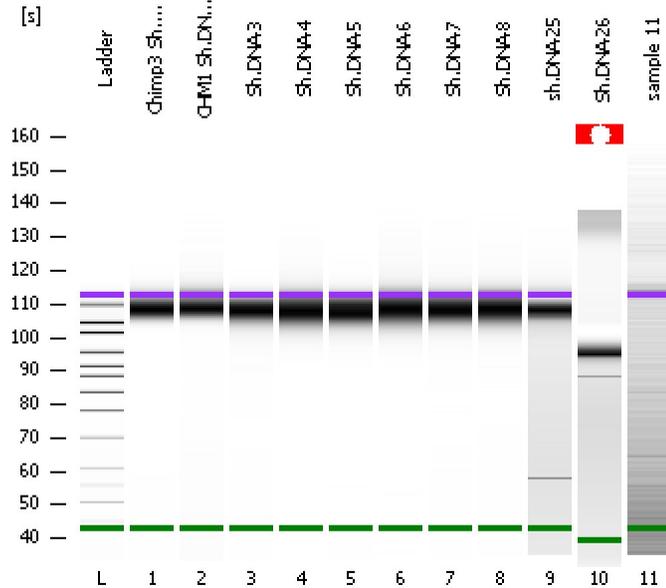


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
Modified: 6/21/2019 9:40:54 AM

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

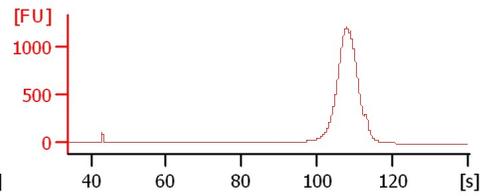
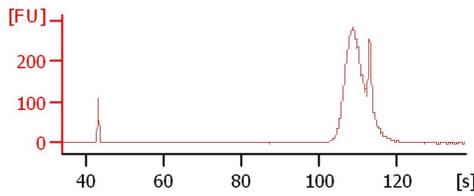
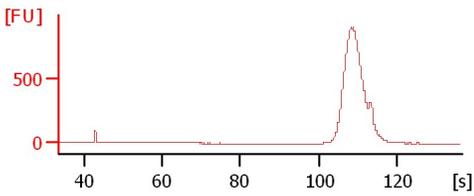
Chip Information:

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

Chimp3 Sh.DNA-0

CHM1 Sh.DNA-1

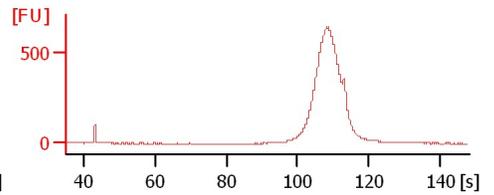
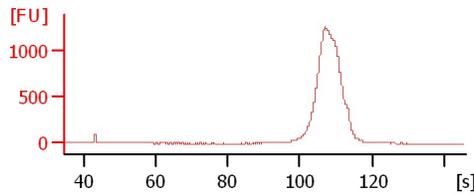
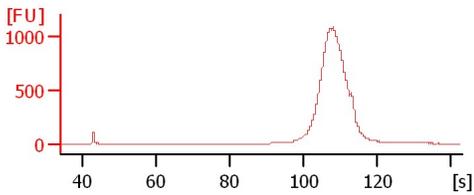
Sh.DNA-3



Sh.DNA-4

Sh.DNA-5

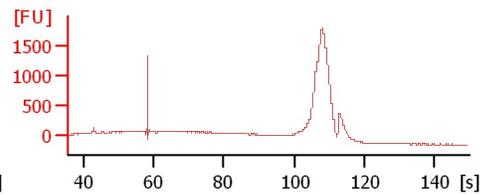
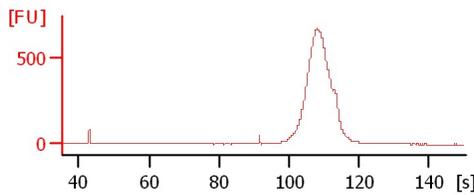
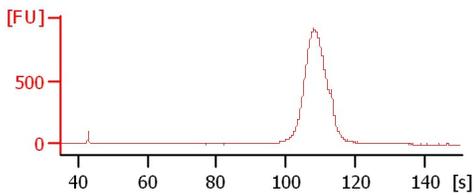
Sh.DNA-6



Sh.DNA-7

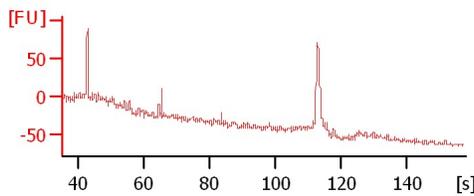
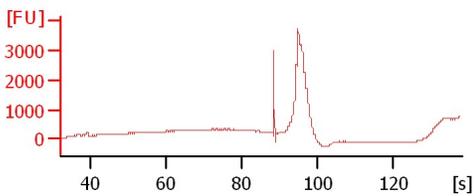
Sh.DNA-8

sh.DNA-25



Sh.DNA-26

sample 11



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Chimp3 Sh.DNA-0		<input type="checkbox"/>	✓			
CHM1 Sh.DNA-1		<input type="checkbox"/>	✓			
Sh.DNA-3		<input type="checkbox"/>	✓			
Sh.DNA-4		<input type="checkbox"/>	✓			
Sh.DNA-5		<input type="checkbox"/>	✓			
Sh.DNA-6		<input type="checkbox"/>	✓			
Sh.DNA-7		<input type="checkbox"/>	✓			
Sh.DNA-8		<input type="checkbox"/>	✓			
sh.DNA-25		<input type="checkbox"/>	✓			
Sh.DNA-26		<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:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
Modified: 6/21/2019 9:40:54 AM

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

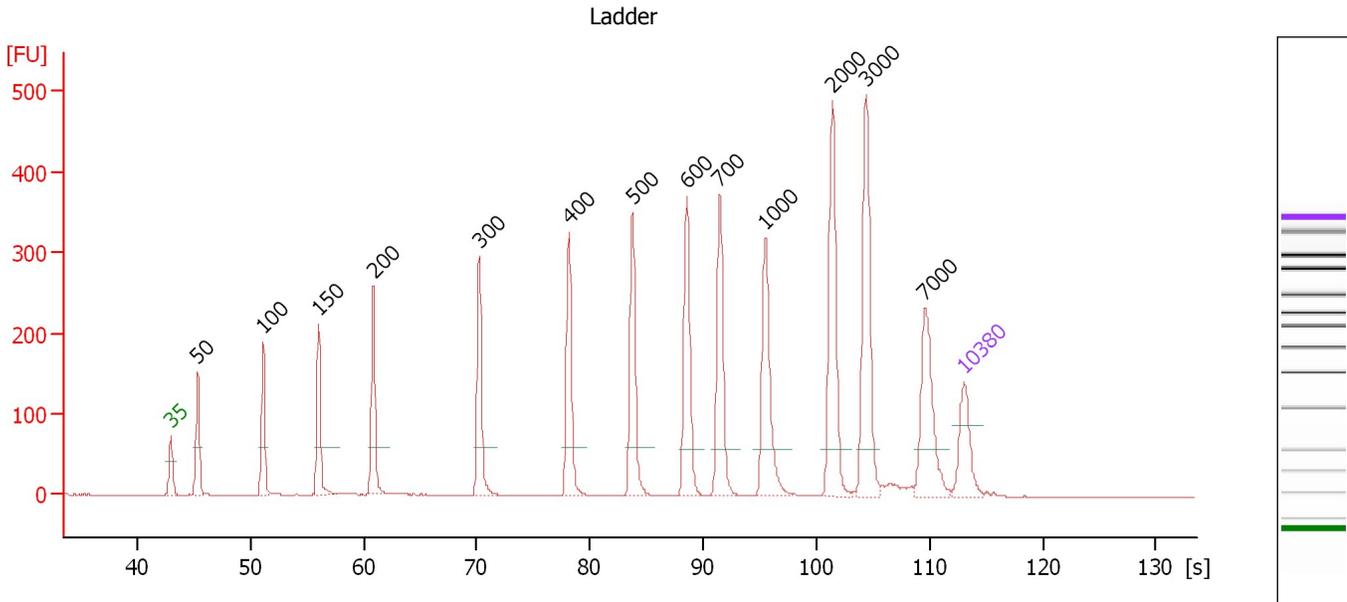
Ladder

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\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

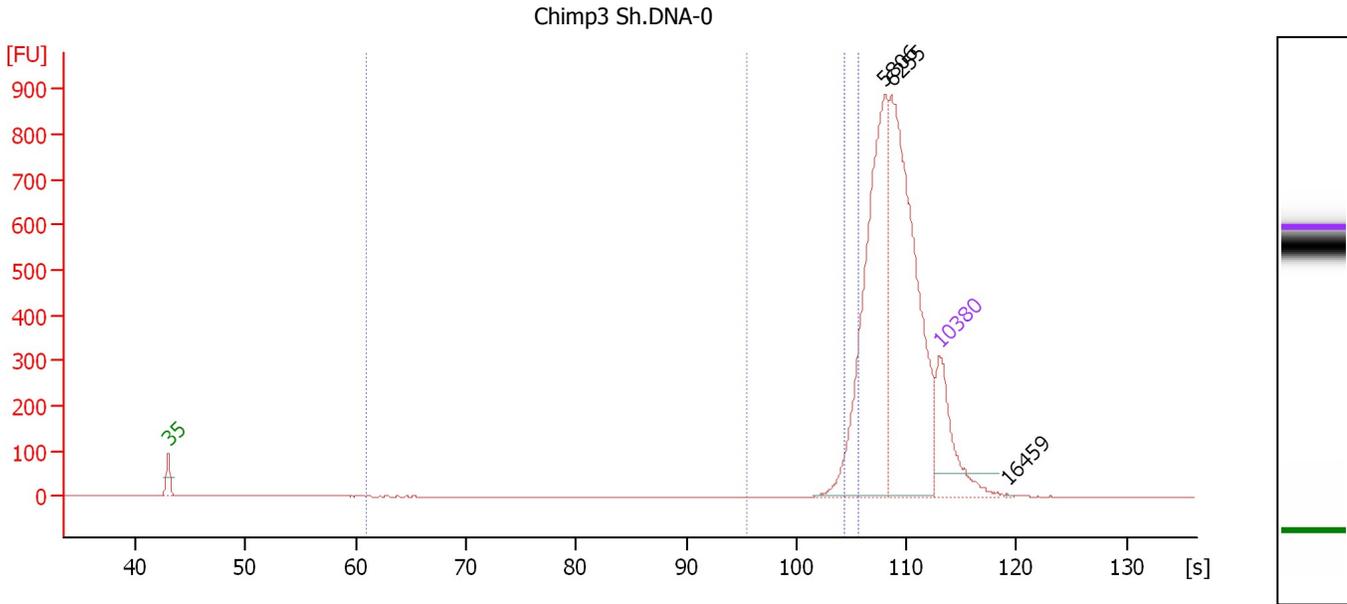
Peak table for Ladder

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	51.17
4	150	150.00	1,515.2	Ladder Peak	56.03
5	200	150.00	1,136.4	Ladder Peak	60.89
6	300	150.00	757.6	Ladder Peak	70.24
7	400	150.00	568.2	Ladder Peak	78.17
8	500	150.00	454.5	Ladder Peak	83.78
9	600	150.00	378.8	Ladder Peak	88.55
10	700	150.00	324.7	Ladder Peak	91.48
11	1,000	150.00	227.3	Ladder Peak	95.49
12	2,000	150.00	113.6	Ladder Peak	101.44
13	3,000	150.00	75.8	Ladder Peak	104.41
14	7,000	150.00	32.5	Ladder Peak	109.60
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Chimp3 Sh.DNA-0

Number of peaks found: 3 Corr. Area 1: 0.9
 Noise: 0.2 Corr. Area 2: 252.7

Peak table for sample 1 : Chimp3 Sh.DNA-0

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	5,806	320.18	83.6		108.05
3	6,255	356.91	86.5		108.63
4	10,380	75.00	10.9	Upper Marker	113.00
5	16,459	0.00	0.0		119.11

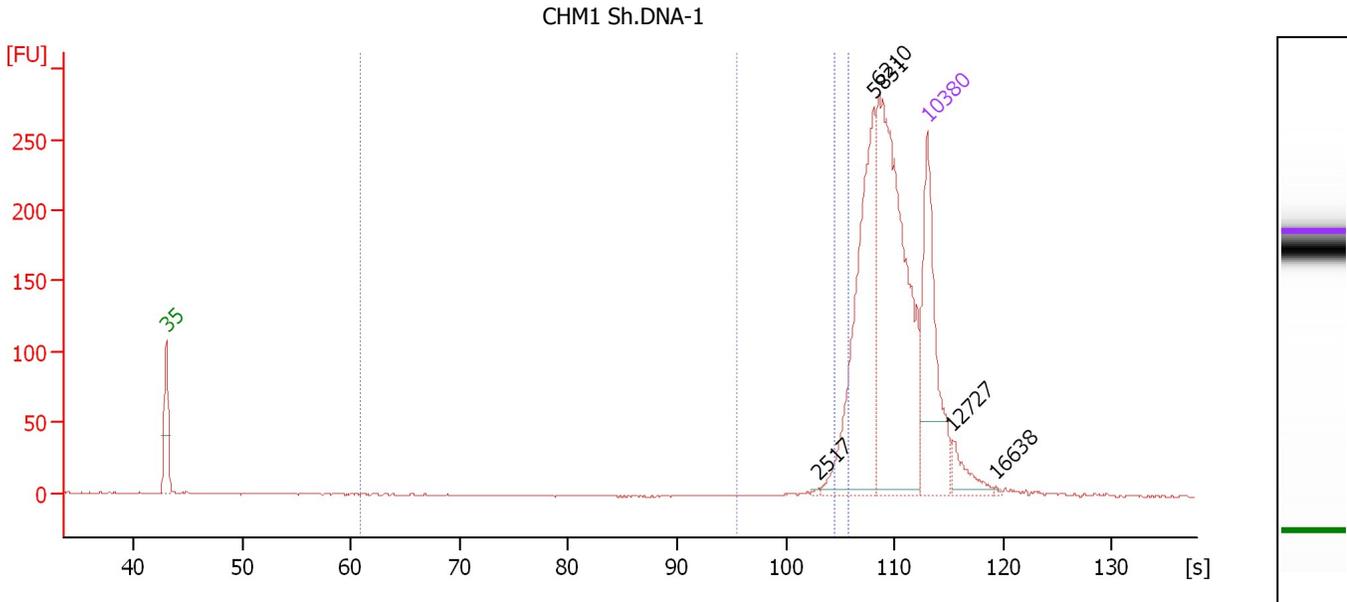
Region table for sample 1 : Chimp3 Sh.DNA-0

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	228	0.24	0.9	1.6	0	7.0
3,000	4,000	3,585	38.36	252.7	16.2	6	8.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : CHM1 Sh.DNA-1

Number of peaks found: 5 Corr. Area 1: 1.3
 Noise: 0.5 Corr. Area 2: 57.1

Peak table for sample 2 : CHM1 Sh.DNA-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	2,517	0.85	0.5		102.97
3	5,831	130.38	33.9		108.08
4	6,210	189.13	46.1		108.58
5	10,380	75.00	10.9	Upper Marker	113.00
6	12,727	0.00	0.0		115.36
7	16,638	0.00	0.0		119.29

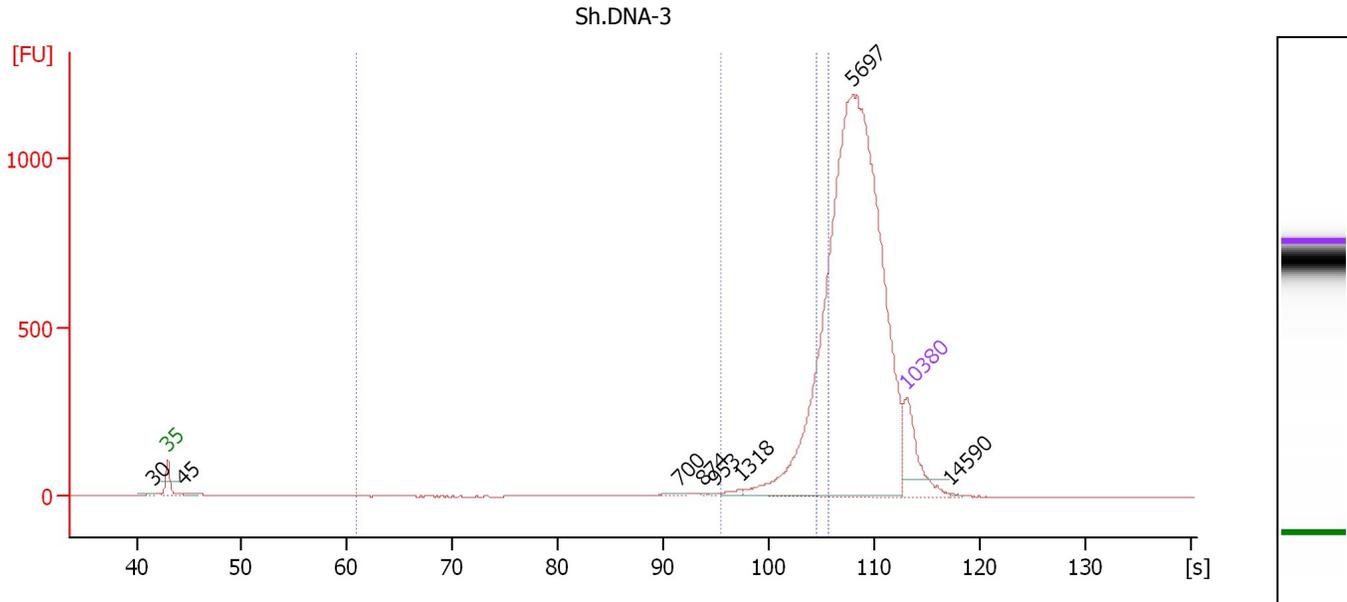
Region table for sample 2 : CHM1 Sh.DNA-1

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	547	0.44	1.3	2.2	0	59.1
3,000	4,000	3,585	13.67	57.1	5.8	4	8.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sh.DNA-3

Number of peaks found: 8 Corr. Area 1: 137.9
 Noise: 0.6 Corr. Area 2: 626.5

Peak table for sample 3 : Sh.DNA-3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.69
2	35	125.00	5,411.3	Lower Marker	43.00
3	45	9.34	317.2		44.51
4	700	4.84	10.5		91.48
5	874	1.15	2.0		93.80
6	953	1.45	2.3		94.86
7	1,318	5.88	6.8		97.38
8	5,697	1,281.88	340.9		107.91
9	10,380	75.00	10.9	Upper Marker	113.00
10	14,590	0.00	0.0		117.23

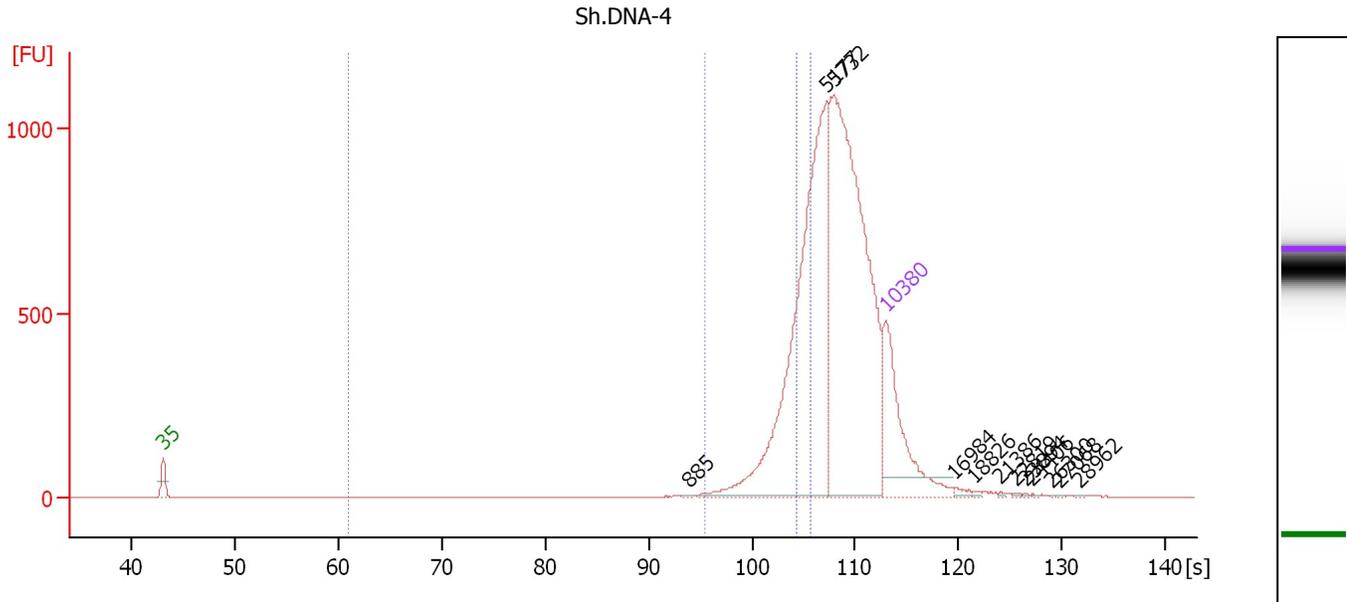
Region table for sample 3 : Sh.DNA-3

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	638	32.78	137.9	99.1	2	33.0
3,000	4,000	3,521	114.79	626.5	49.4	9	8.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Sh.DNA-4

Number of peaks found: 12 Corr. Area 1: 24.4
 Noise: 0.6 Corr. Area 2: 842.0

Peak table for sample 4 : Sh.DNA-4

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	885	0.72	1.2		93.96
3	5,177	309.55	90.6		107.24
4	5,732	352.11	93.1		107.96
5	10,380	75.00	10.9	Upper Marker	113.00
6	16,984	0.00	0.0		119.64
7	18,826	0.00	0.0		121.49
8	21,386	0.00	0.0		124.07
9	22,819	0.00	0.0		125.51
10	23,894	0.00	0.0		126.59
11	24,406	0.00	0.0		127.10
12	26,300	0.00	0.0		129.01
13	27,068	0.00	0.0		129.78
14	28,962	0.00	0.0		131.68

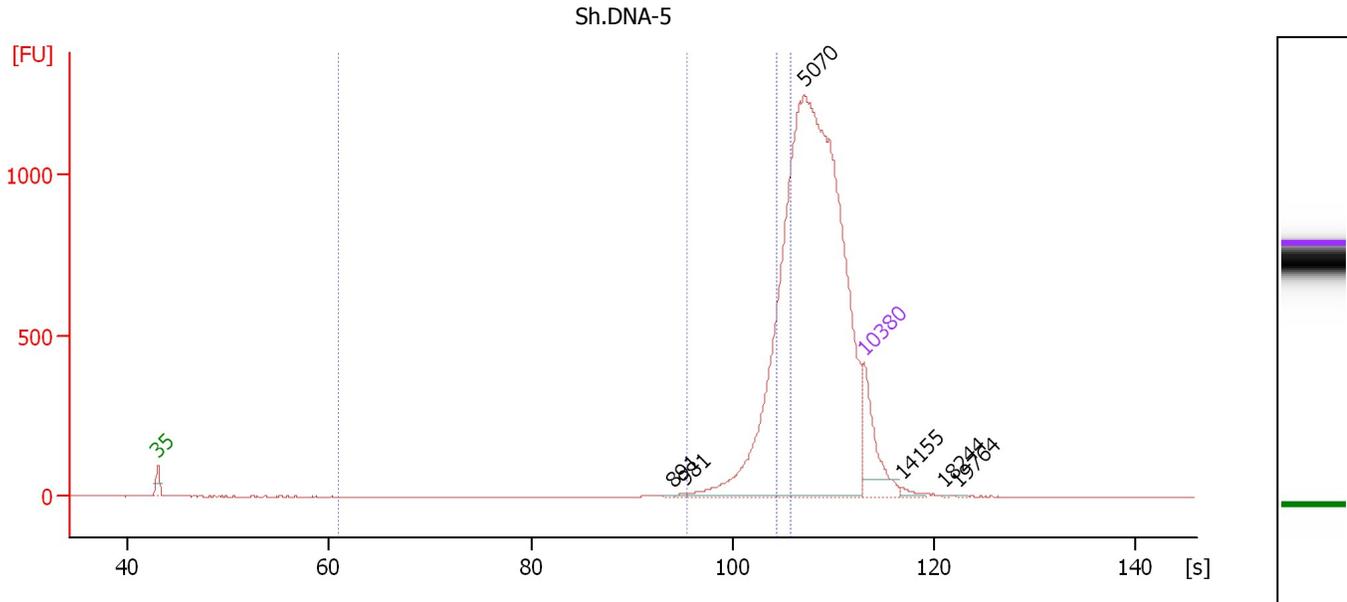
Region table for sample 4 : Sh.DNA-4

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	855	2.50	24.4	4.7	0	14.3
3,000	4,000	3,495	72.34	842.0	31.4	11	8.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sh.DNA-5

Number of peaks found: 6 Corr. Area 1: 25.9
 Noise: 0.6 Corr. Area 2: 982.2

Peak table for sample 5 : Sh.DNA-5

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	891	1.06	1.8		94.02
3	981	1.56	2.4		95.24
4	5,070	1,200.27	358.7		107.10
5	10,380	75.00	10.9	Upper Marker	113.00
6	14,155	0.00	0.0		116.80
7	18,244	0.00	0.0		120.91
8	19,764	0.00	0.0		122.44

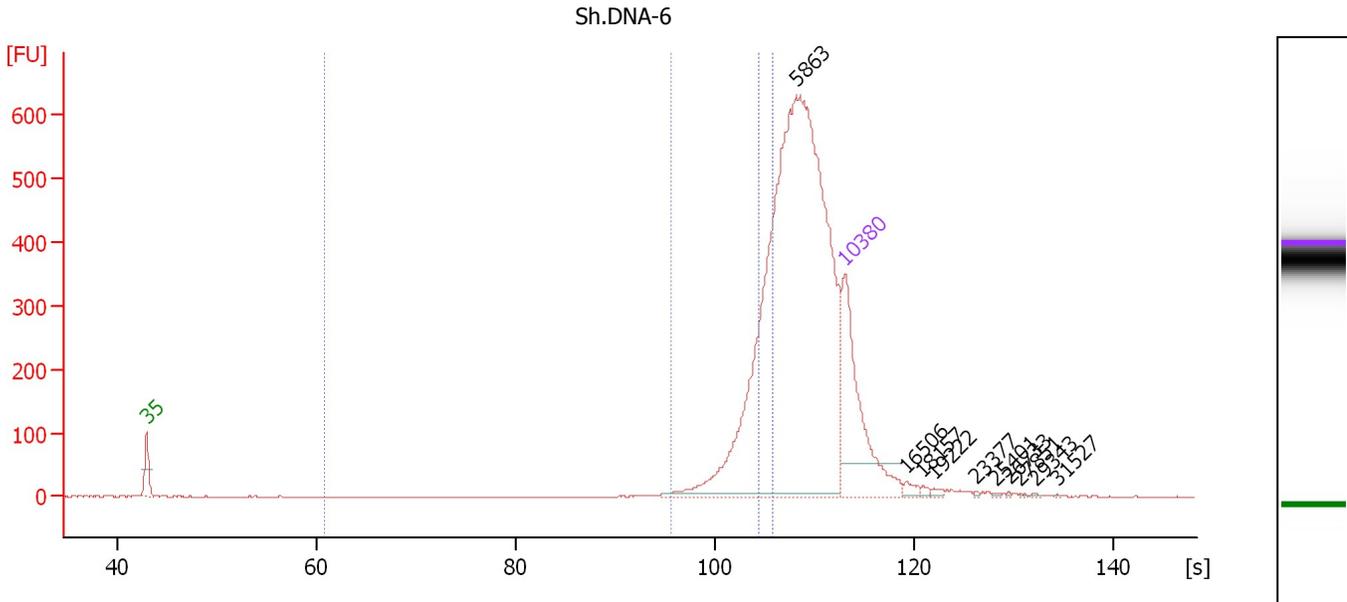
Region table for sample 5 : Sh.DNA-5

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	853	4.30	25.9	7.8	0	13.1
3,000	4,000	3,516	137.07	982.2	59.1	11	8.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Sh.DNA-6

Number of peaks found: 10 Corr. Area 1: 14.0
 Noise: 0.6 Corr. Area 2: 426.7

Peak table for sample 6 : Sh.DNA-6

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	5,863	516.49	133.5		108.13
3	10,380	75.00	10.9	Upper Marker	113.00
4	16,506	0.00	0.0		119.16
5	18,157	0.00	0.0		120.82
6	19,222	0.00	0.0		121.89
7	23,377	0.00	0.0		126.07
8	25,401	0.00	0.0		128.10
9	26,733	0.00	0.0		129.44
10	27,851	0.00	0.0		130.57
11	29,343	0.00	0.0		132.07
12	31,527	0.00	0.0		134.26

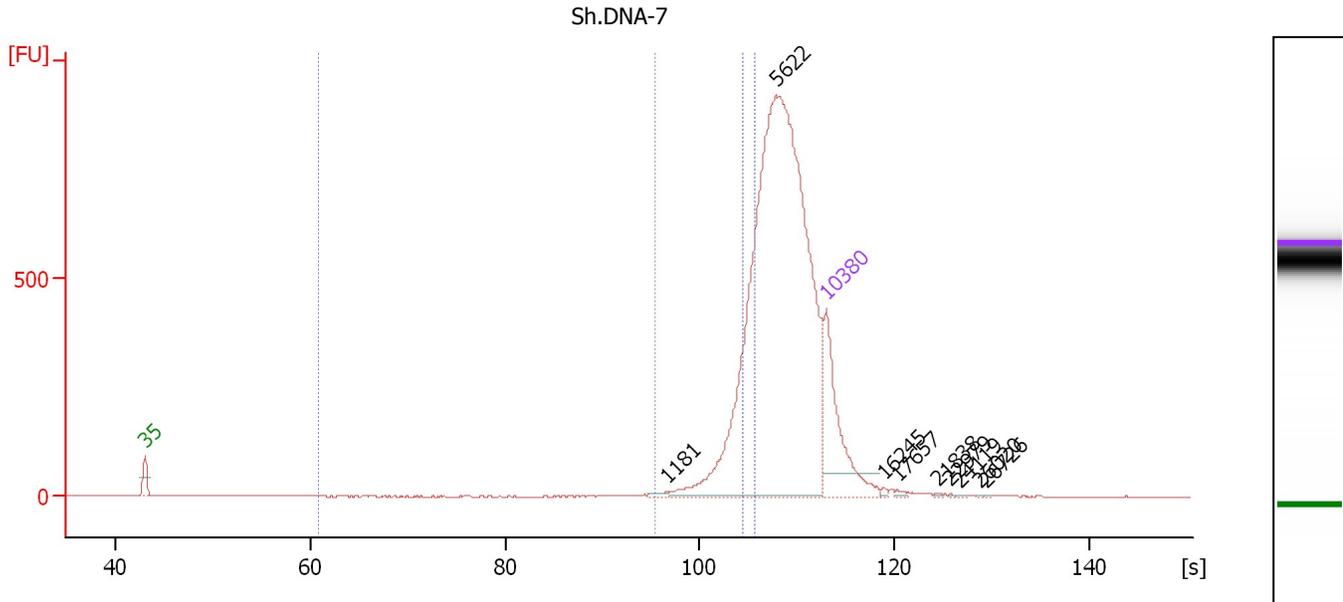
Region table for sample 6 : Sh.DNA-6

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	856	1.95	14.0	3.5	0	13.5
3,000	4,000	3,510	50.12	426.7	21.6	10	8.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sh.DNA-7

Number of peaks found: 9 Corr. Area 1: 25.5
 Noise: 0.5 Corr. Area 2: 544.9

Peak table for sample 7 : Sh.DNA-7

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	1,181	2.13	2.7		96.56
3	5,622	676.07	182.2		107.81
4	10,380	75.00	10.9	Upper Marker	113.00
5	16,245	0.00	0.0		118.90
6	17,657	0.00	0.0		120.32
7	21,838	0.00	0.0		124.52
8	22,979	0.00	0.0		125.67
9	24,119	0.00	0.0		126.81
10	26,020	0.00	0.0		128.73
11	26,726	0.00	0.0		129.44

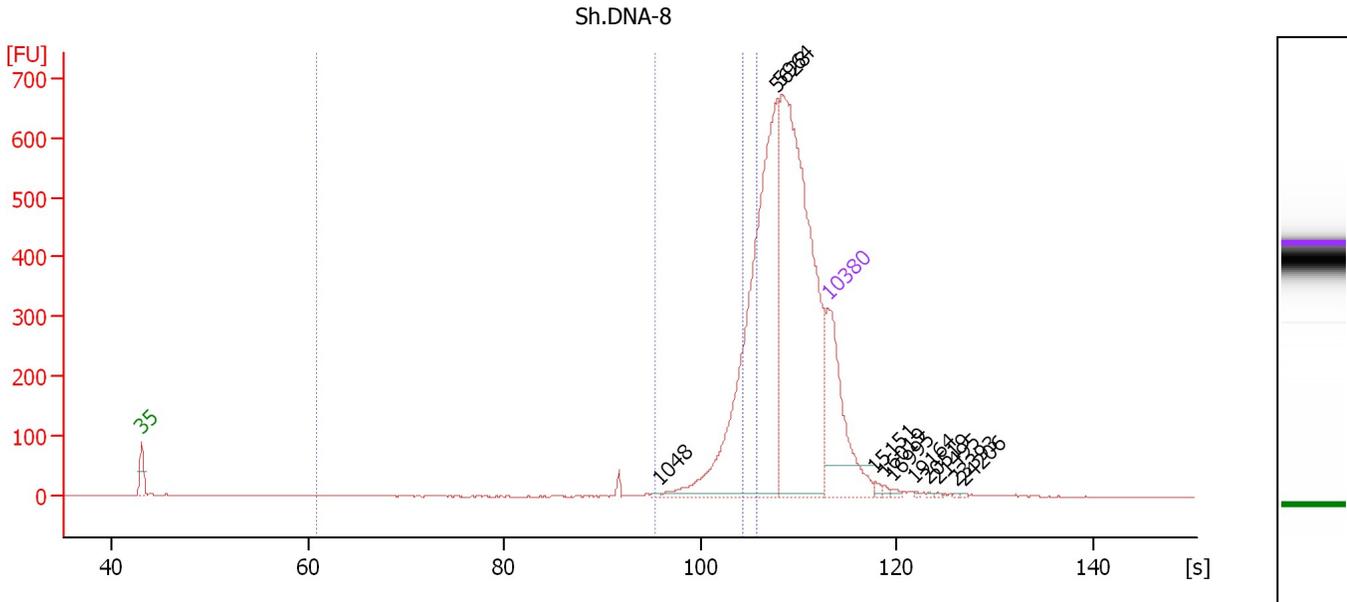
Region table for sample 7 : Sh.DNA-7

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	767	3.57	25.5	8.1	0	23.9
3,000	4,000	3,507	62.19	544.9	26.9	9	8.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : Sh.DNA-8

Number of peaks found: 11 Corr. Area 1: 24.5
 Noise: 0.6 Corr. Area 2: 416.5

Peak table for sample 8 : Sh.DNA-8

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	1,048	0.79	1.1		95.77
3	5,628	269.48	72.5		107.82
4	5,964	299.38	76.1		108.26
5	10,380	75.00	10.9	Upper Marker	113.00
6	15,151	0.00	0.0		117.80
7	16,019	0.00	0.0		118.67
8	16,995	0.00	0.0		119.65
9	19,164	0.00	0.0		121.83
10	20,519	0.00	0.0		123.19
11	21,495	0.00	0.0		124.18
12	23,393	0.00	0.0		126.08
13	24,206	0.00	0.0		126.90

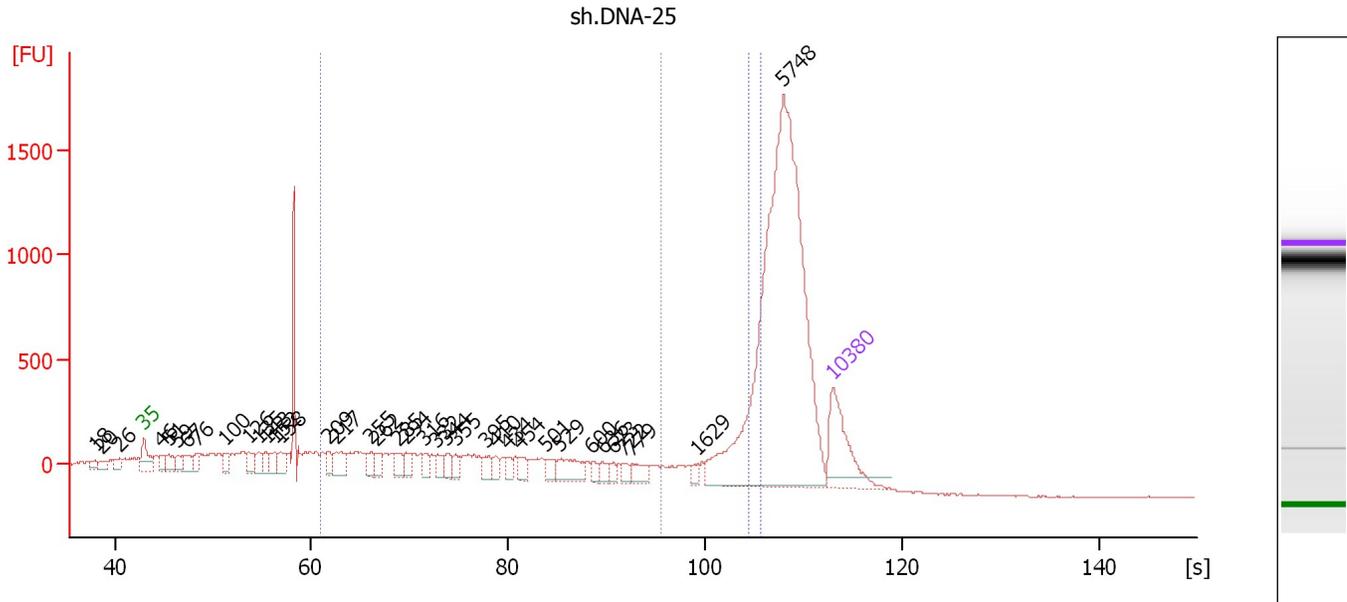
Region table for sample 8 : Sh.DNA-8

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	771	3.87	24.5	8.0	1	15.6
3,000	4,000	3,495	53.12	416.5	23.0	9	8.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sh.DNA-25

Number of peaks found: 37 Corr. Area 1: 3,938.1
 Noise: 3.0 Corr. Area 2: 659.8

Peak table for sample 9 : sh.DNA-25

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	18	0.00	0.0		38.03
2	20	0.00	0.0		38.62
3	26	0.00	0.0		40.41
4	35	125.00	5,411.3	Lower Marker	43.00
5	46	19.27	639.7		44.67
6	51	26.06	773.1		45.48
7	59	19.66	505.1		46.40
8	67	24.81	561.9		47.32
9	76	21.63	432.8		48.35
10	100	22.03	334.1		51.16
11	126	28.08	337.7		53.69
12	135	20.13	225.2		54.61
13	143	19.94	210.9		55.37
14	152	22.67	225.8		56.23
15	158	25.41	243.4		56.83
16	209	17.27	125.1		61.74
17	217	34.56	241.1		62.50
18	255	16.15	95.9		66.06
19	262	20.37	117.9		66.66
20	285	21.02	111.8		68.82
21	294	17.27	89.2		69.63
22	316	19.33	92.6		71.52
23	332	15.22	69.5		72.76
24	344	17.98	79.2		73.73
25	355	14.34	61.2		74.60

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...

... Peak table for sample 9 : sh.DNA-25

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	395	15.39	59.1		77.73
27	410	13.41	49.6		78.70
28	434	12.25	42.8		80.05
29	454	15.24	50.9		81.19
30	501	16.39	49.6		83.83
31	529	36.99	105.9		85.18
32	600	9.41	23.8		88.53
33	636	11.73	27.9		89.61
34	673	8.15	18.3		90.69
35	722	9.14	19.2		91.77
36	779	18.16	35.3		92.53
37	1,629	7.29	6.8		99.23
38	5,748	710.72	187.3		107.98
39	10,380	75.00	10.9	Upper Marker	113.00

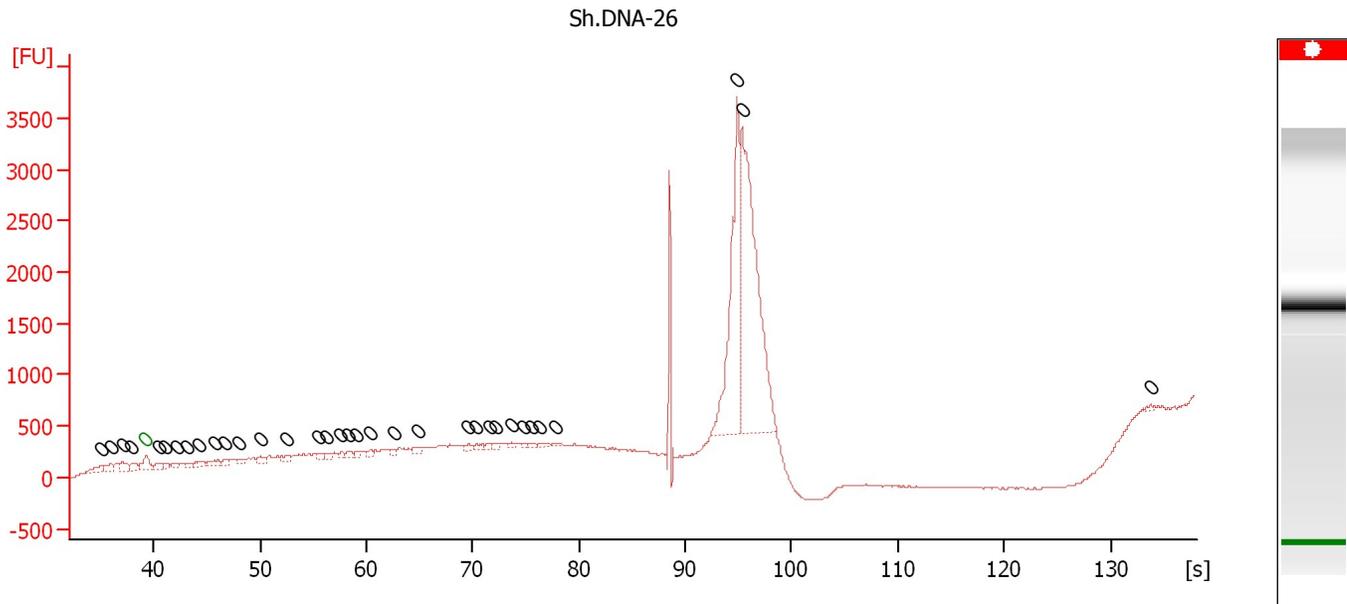
Region table for sample 9 : sh.DNA-25

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	436	464.86	3,938.1	2,035.1	25	42.8
3,000	4,000	3,543	54.76	659.8	23.4	4	8.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Sh.DNA-26

Number of peaks found: 34 Noise: 4.7

Peak table for sample 10 : Sh.DNA-26

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		35.05
2	0	0.00	0.0		35.95
3	0	0.00	0.0		37.10
4	0	0.00	0.0		37.95
5	0	0.00	0.0	Lower Marker	39.25
6	0	0.00	0.0		40.55
7	0	0.00	0.0		41.05
8	0	0.00	0.0		42.15
9	0	0.00	0.0		43.10
10	0	0.00	0.0		44.25
11	0	0.00	0.0		45.75
12	0	0.00	0.0		46.80
13	0	0.00	0.0		47.95
14	0	0.00	0.0		50.05
15	0	0.00	0.0		52.45
16	0	0.00	0.0		55.45
17	0	0.00	0.0		56.30
18	0	0.00	0.0		57.65
19	0	0.00	0.0		58.25
20	0	0.00	0.0		59.05
21	0	0.00	0.0		60.45
22	0	0.00	0.0		62.55
23	0	0.00	0.0		64.90
24	0	0.00	0.0		69.65
25	0	0.00	0.0		70.40
26	0	0.00	0.0		71.55
27	0	0.00	0.0		72.25

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...

... Peak table for sample 10 :

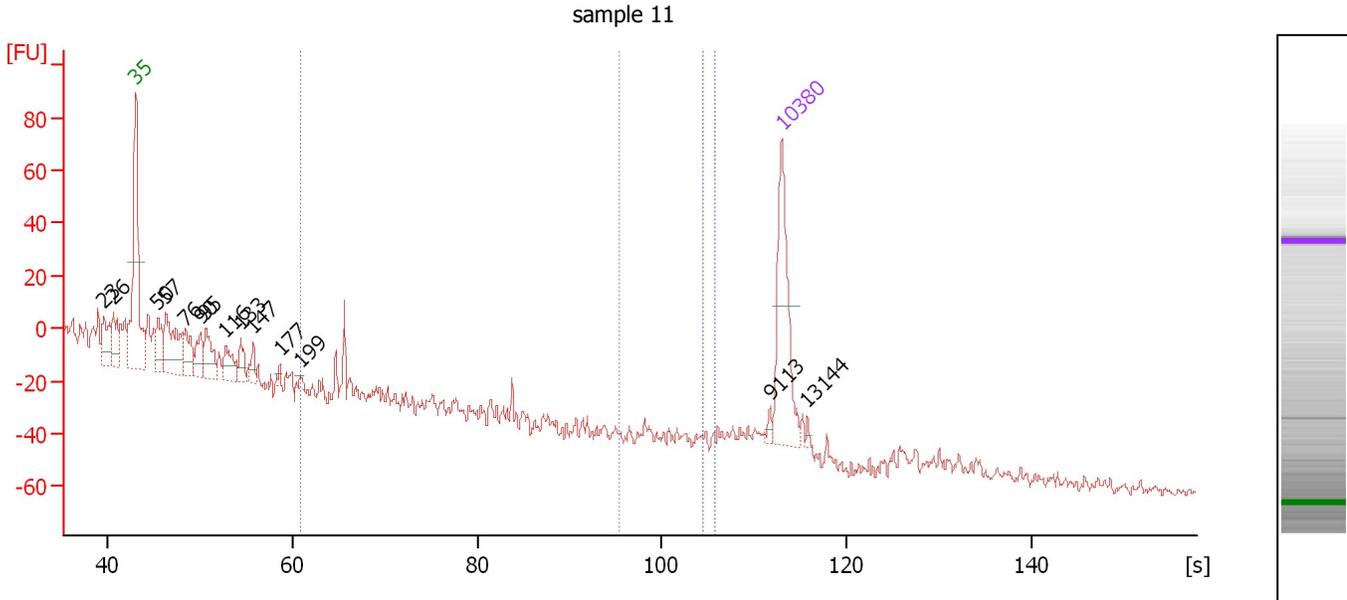
Sh.DNA-26

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		73.65
29	0	0.00	0.0		74.90
30	0	0.00	0.0		75.60
31	0	0.00	0.0		76.30
32	0	0.00	0.0		77.85
33	0	0.00	0.0		94.90
34	0	0.00	0.0		95.35
35	0	0.00	0.0		133.75

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 14 Corr. Area 1: 6.6
 Noise: 2.8 Corr. Area 2: 0.0

Peak table for sample 11 : sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	23	0.00	0.0		39.58
2	26	0.00	0.0		40.57
3	35	125.00	5,411.3	Lower Marker	43.00
4	50	34.78	1,051.4		45.37
5	57	83.23	2,208.6		46.18
6	76	38.17	760.6		48.38
7	90	27.63	465.2		50.01
8	95	42.23	673.5		50.58
9	116	30.83	402.5		52.73
10	133	20.12	229.7		54.35
11	147	12.55	129.3		55.74
12	177	5.35	45.8		58.63
13	199	4.13	31.4		60.83
14	9,113	3.61	0.6		111.73
15	10,380	75.00	10.9	Upper Marker	113.00
16	13,144	0.00	0.0		115.78

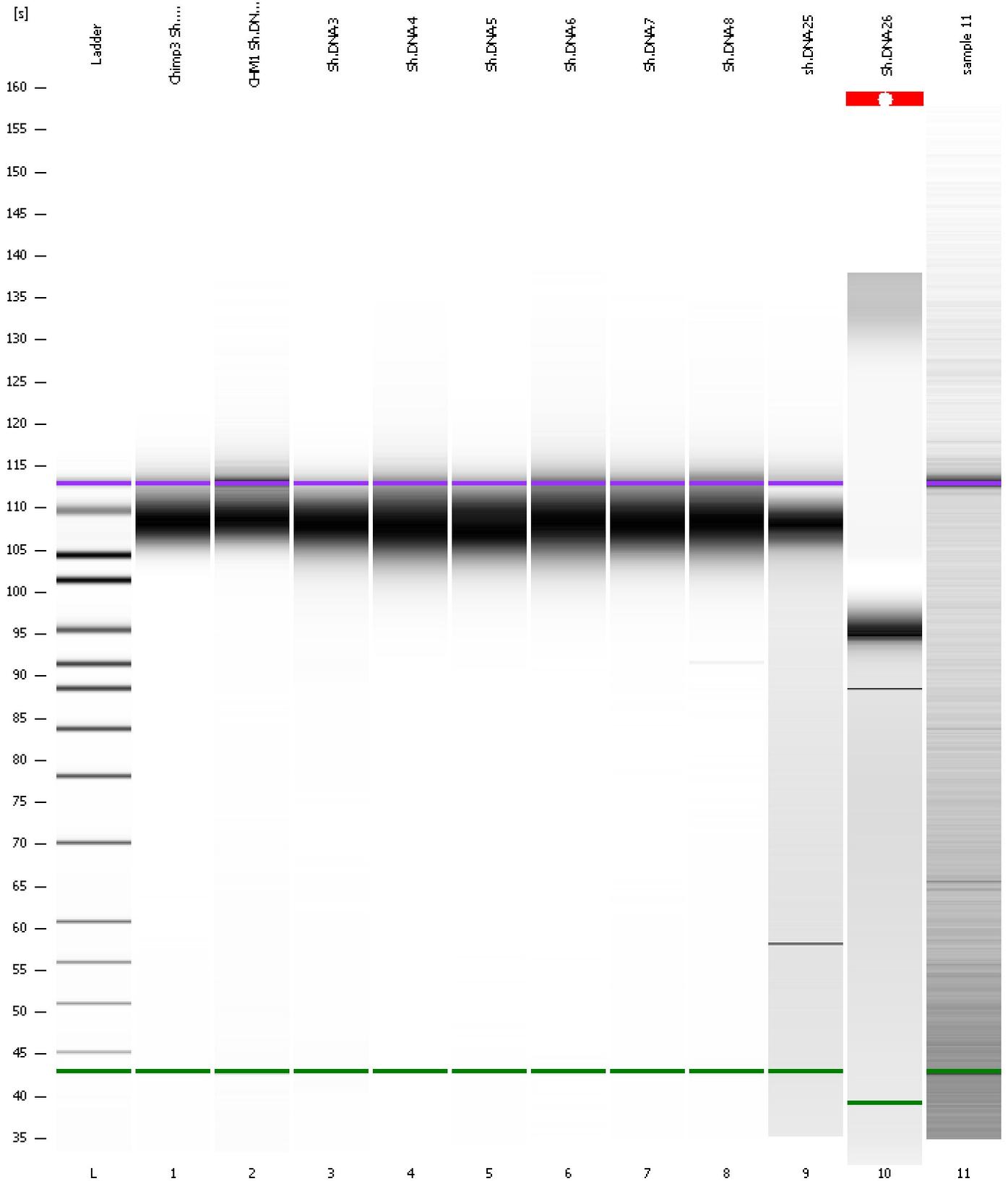
Region table for sample 11 : sample 11

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	268	6.24	6.6	37.2	17	24.2
3,000	4,000	0	0.00	0.0	0.0	0	0.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
Modified: 6/21/2019 9:40:54 AM

Gel Image

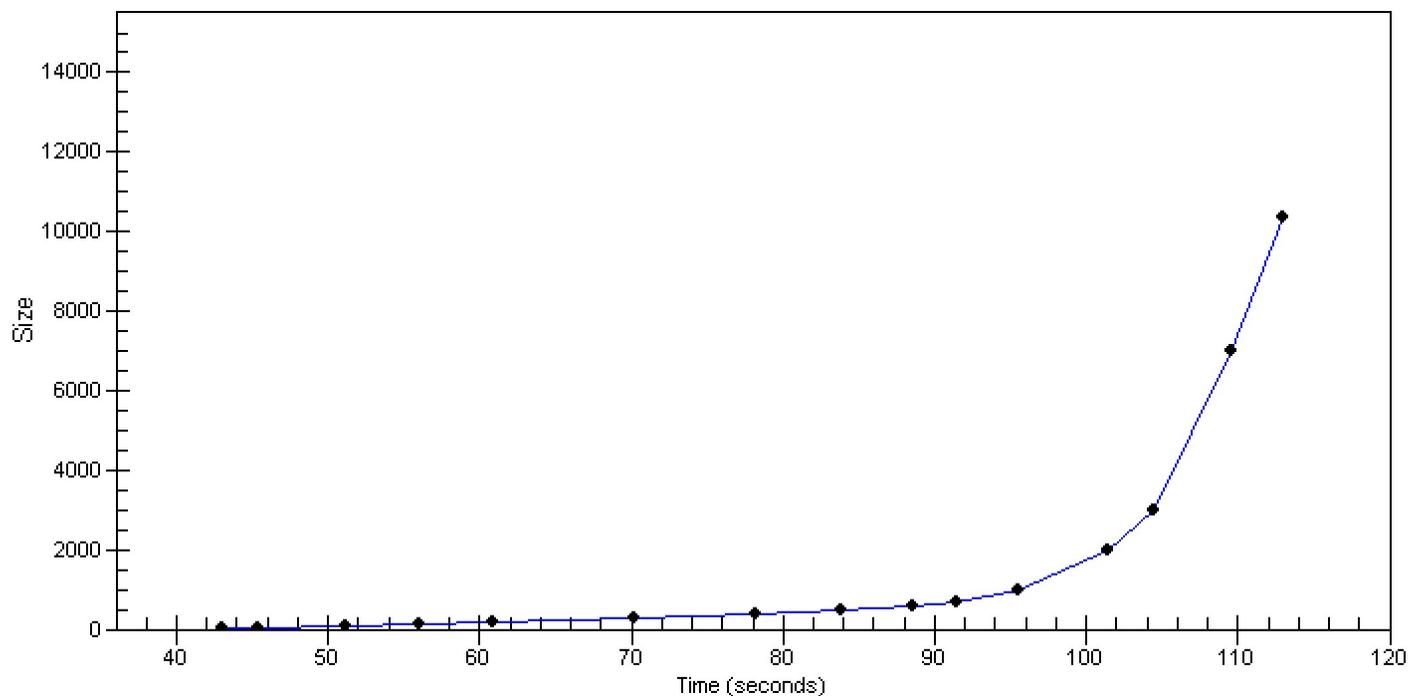


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
Modified: 6/21/2019 9:40:54 AM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad

Created: 6/20/2019 2:30:24 PM
 Modified: 6/21/2019 9:40:54 AM

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		6/20/2019 3:11:41 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Instrument error occurred on port 1, Optical signal too high (1605h)	559	Instrument	Run	Sample 10	6/20/2019 3:07:49 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-06-20\2019-06-20_001.xad)		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		6/20/2019 2:30:29 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1