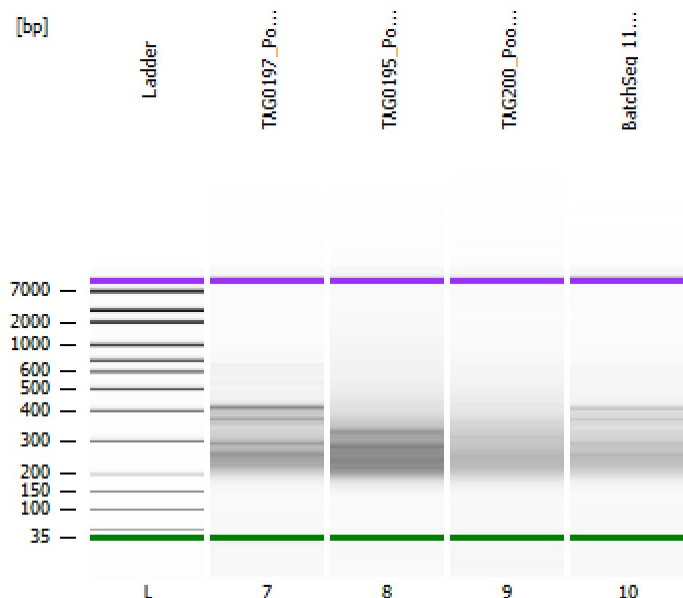


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
 Assay Class: High Sensitivity DNA Assay
 Version: 1.03
 Assay Comments: Copyright © 2003-2010 Agilent Technologies

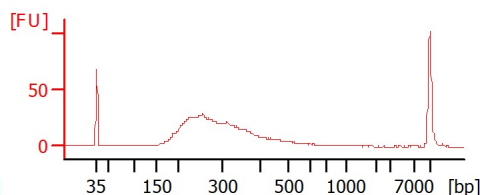
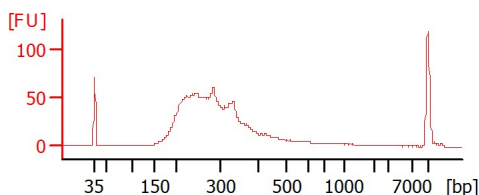
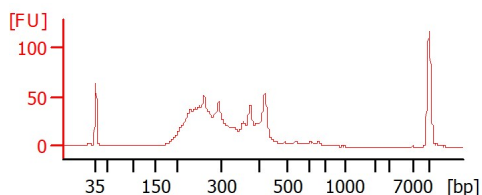
Chip Information:

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

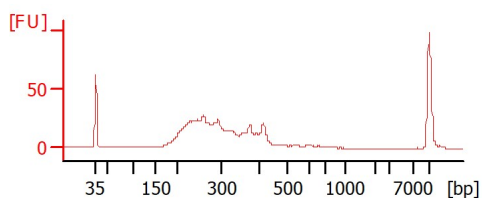
TAG0197_Pool (1:4)

TAG0195_Pool (1:3)

TAG200_Pool (1:2)



BatchSeq 113 (1:4)



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
TAG0197_Pool (1:4)		<input type="checkbox"/>	✓			
TAG0195_Pool (1:3)		<input type="checkbox"/>	✓			
TAG200_Pool (1:2)		<input type="checkbox"/>	✓			
BatchSeq 113 (1:4)		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
Modified: 2/27/2023 5:08:28 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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

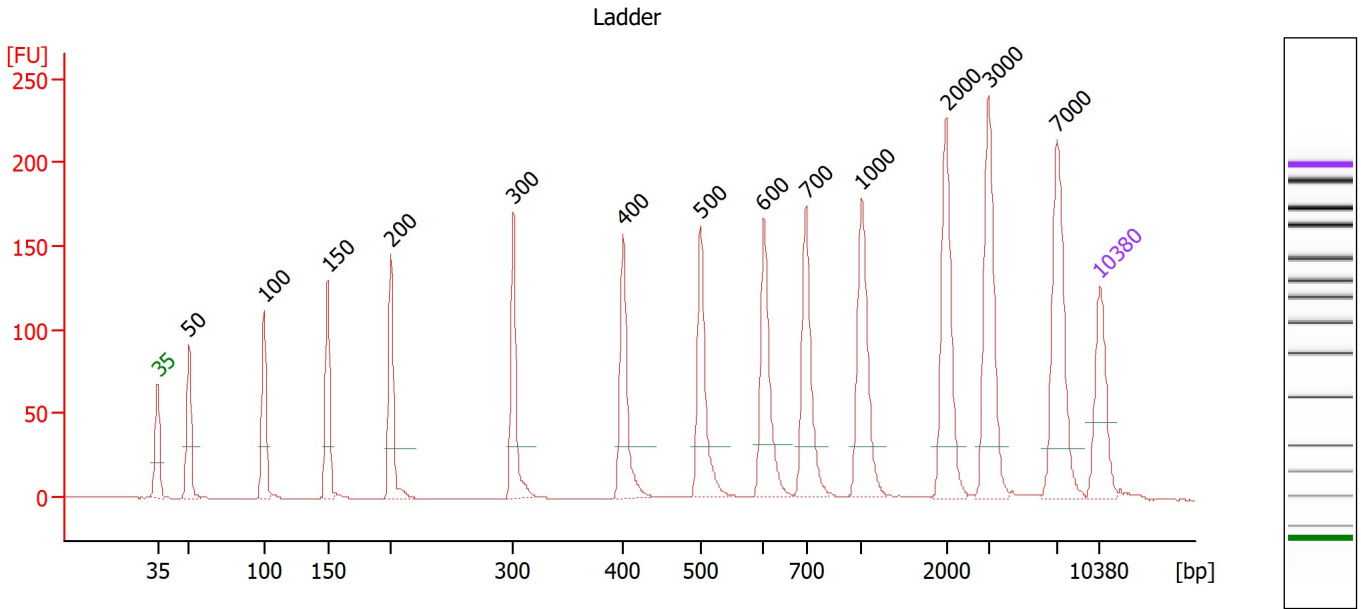
Ladder

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:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

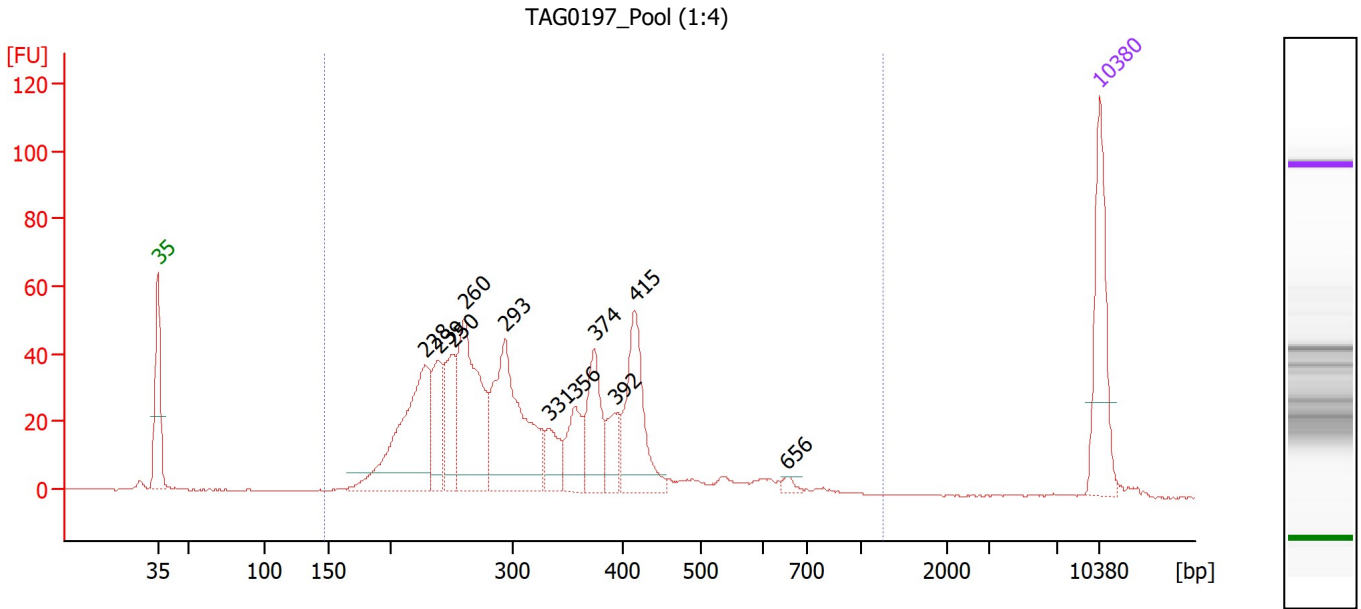
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : TAG0197 Pool (1:4)

Number of peaks found: 11 Corr. Area 1: 894.4
 Noise: 0.2

Peak table for sample 7 : TAG0197 Pool (1:4)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	228	195.68	1,301.2	
3	239	66.03	418.8	
4	250	67.74	410.7	
5	260	169.02	983.6	
6	293	195.77	1,010.9	
7	331	34.27	156.7	
8	356	48.73	207.4	
9	374	70.58	285.8	
10	392	32.78	126.6	
11	415	105.03	383.9	
12	656	5.80	13.4	
13	10,380	75.00	10.9	Upper Marker

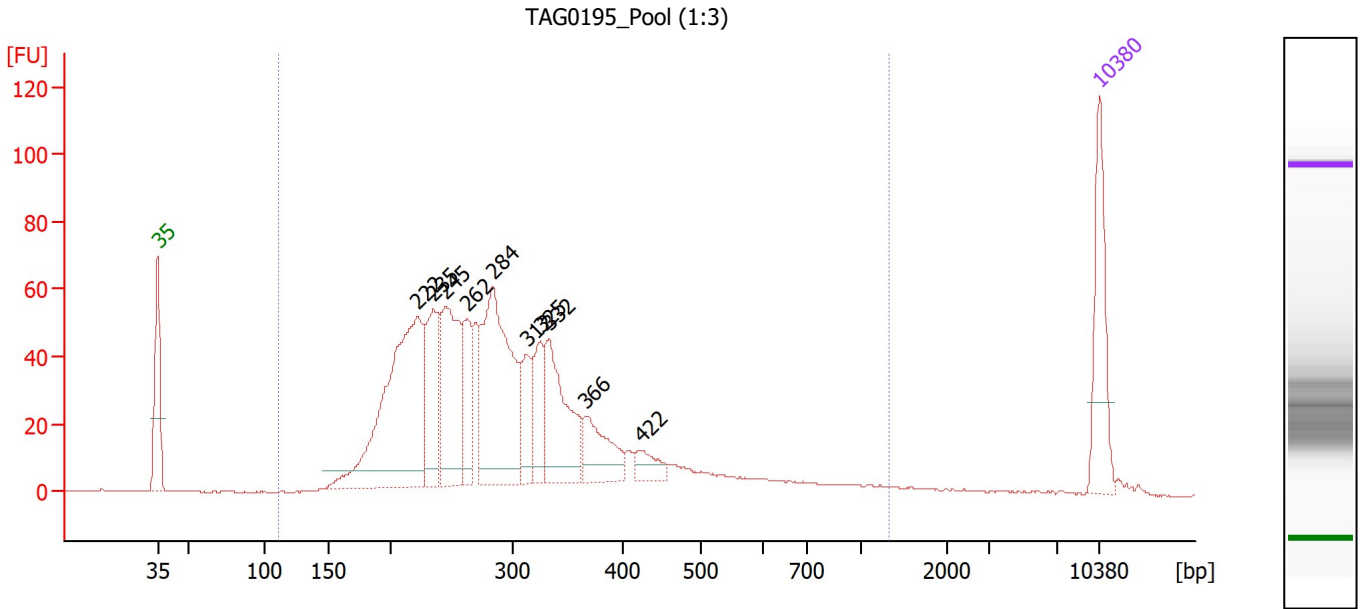
Region table for sample 7 : TAG0197 Pool (1:4)

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
148	1,245	894.4	99	323	31.3	1,065.54	5,572.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : TAG0195 Pool (1:3)

Number of peaks found: 10 Corr. Area 1: 1,259.0
 Noise: 0.2

Peak table for sample 8 : TAG0195 Pool (1:3)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	222	362.33	2,474.2	
3	235	108.86	702.4	
4	245	173.36	1,073.0	
5	262	76.80	443.4	
6	284	265.13	1,416.6	
7	312	52.70	256.0	
8	325	58.61	273.3	
9	332	129.56	591.1	
10	366	67.76	280.9	
11	422	23.96	86.1	
12	10,380	75.00	10.9	Upper Marker

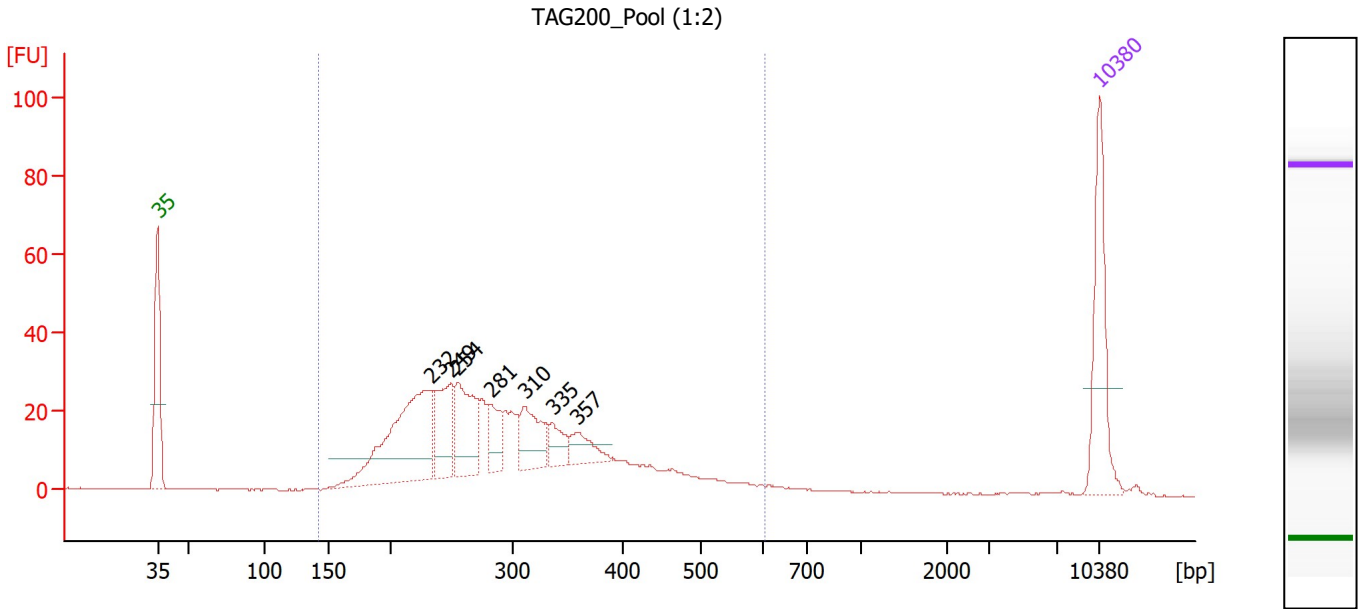
Region table for sample 8 : TAG0195 Pool (1:3)

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
112	1,320	1,259.0	96	314	43.2	1,634.91	9,128.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : TAG200 Pool (1:2)

Number of peaks found: 7 Corr. Area 1: 594.6
 Noise: 0.2

Peak table for sample 9 : TAG200 Pool (1:2)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	232	201.00	1,310.0	
3	249	70.76	430.5	
4	254	86.14	513.1	
5	281	35.84	193.3	
6	310	57.20	279.3	
7	335	24.76	111.9	
8	357	28.86	122.4	
9	10,380	75.00	10.9	Upper Marker

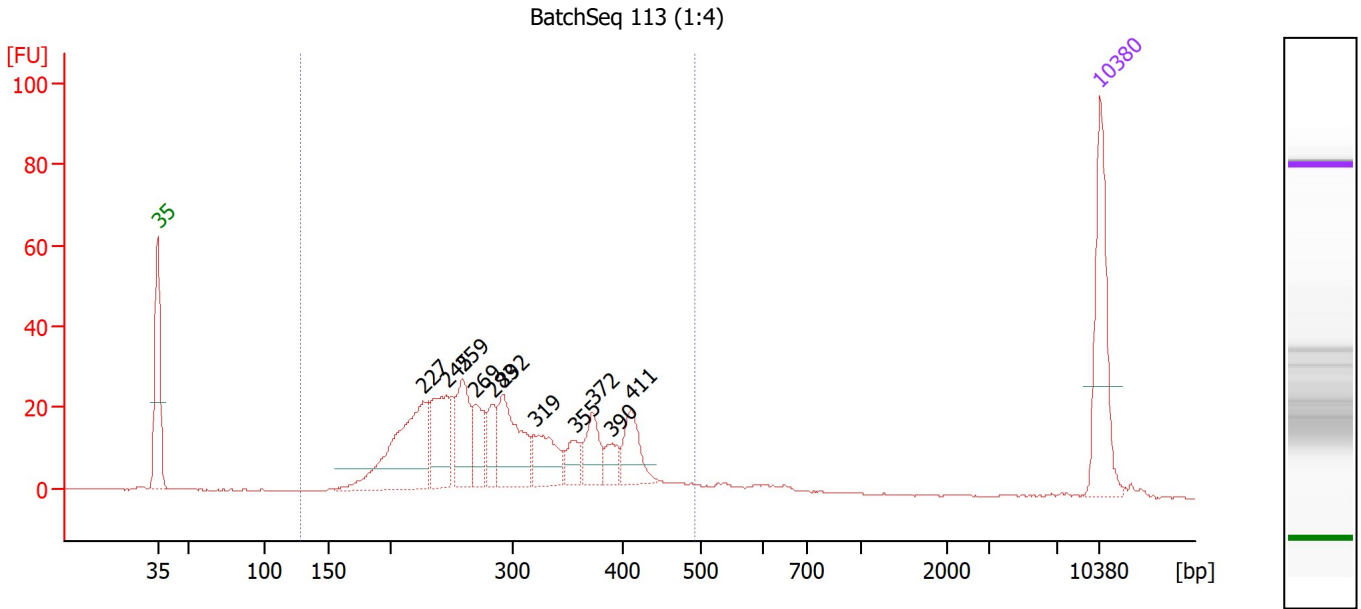
Region table for sample 9 : TAG200 Pool (1:2)

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
143	603	594.6	94	300	28.6	879.30	4,914.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : BatchSeq 113 (1:4)

Number of peaks found: 11 Corr. Area 1: 507.3
 Noise: 0.1

Peak table for sample 10 : BatchSeq 113 (1:4)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	227	147.01	982.1	
3	245	73.37	453.4	
4	259	64.49	377.5	
5	269	38.47	216.8	
6	283	30.70	164.3	
7	292	84.03	435.9	
8	319	49.39	234.6	
9	355	20.53	87.5	
10	372	35.31	143.9	
11	390	18.42	71.6	
12	411	40.25	148.6	
13	10,380	75.00	10.9	Upper Marker

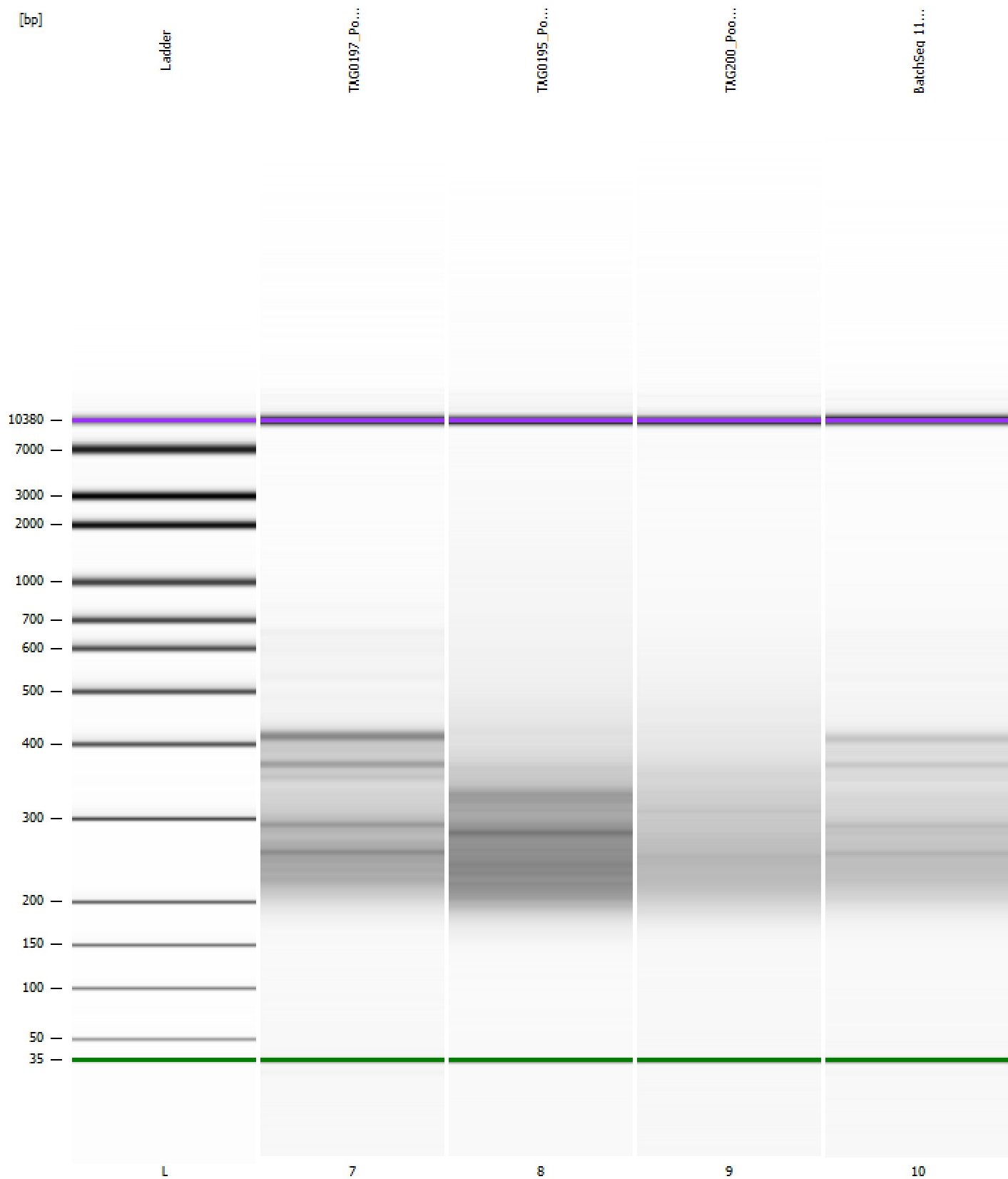
Region table for sample 10 : BatchSeq 113 (1:4)

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
128	492	507.3	93	297	23.8	728.03	4,011.1	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
Modified: 2/27/2023 5:08:28 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\Users\sbsuser\Desktop\2023-02-27\RNA_Librarys_02-27-2023.xad

Created: 2/27/2023 3:58:10 PM
 Modified: 2/27/2023 5:08:28 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		2/27/2023 4:39:28 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Users\sbsuser\Desktop\2023-02-27\Bioanalyzer1_High Sensitivity DNA Assay_2023-02-27_001.xad)		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		2/27/2023 3:58:15 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB