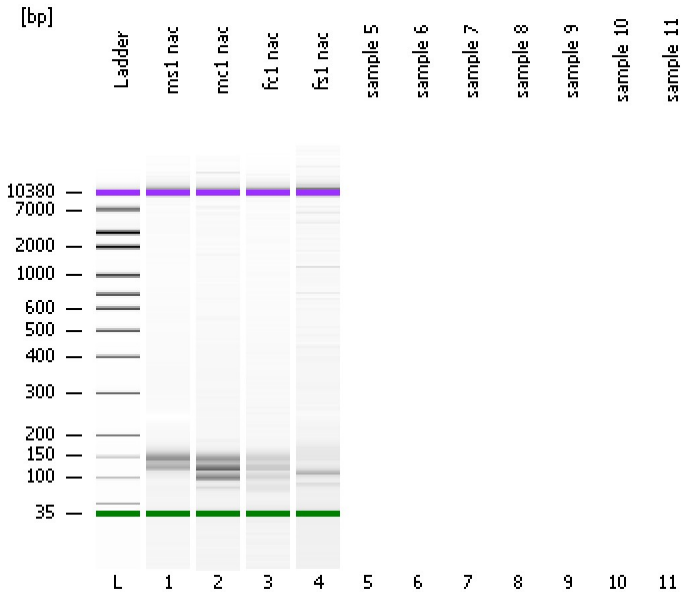


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
Modified: 6/13/2014 2:43:33 PM

Electrophoresis File Run Summary



Instrument Information:

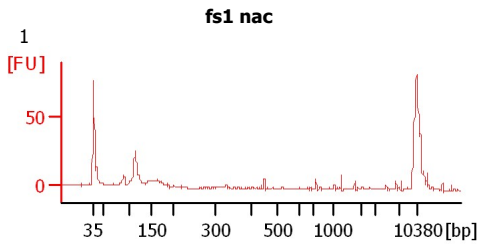
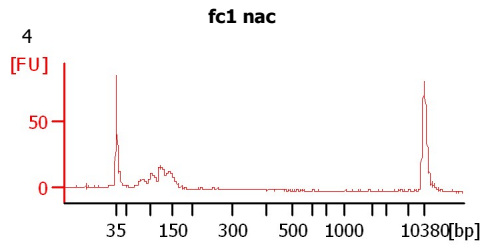
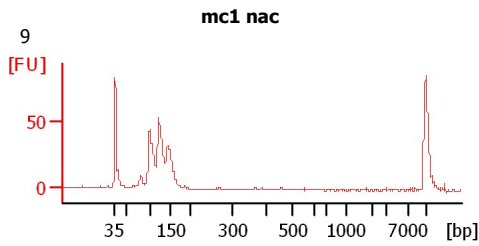
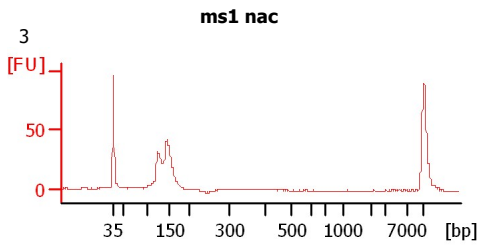
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
 Modified: 6/13/2014 2:43:33 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
ms1 nac	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
mc1 nac	9	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
fc1 nac	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
fs1 nac	1	<input type="checkbox"/>	<input checked="" 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"/>	<input checked="" type="checkbox"/>			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
Modified: 6/13/2014 2:43:33 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

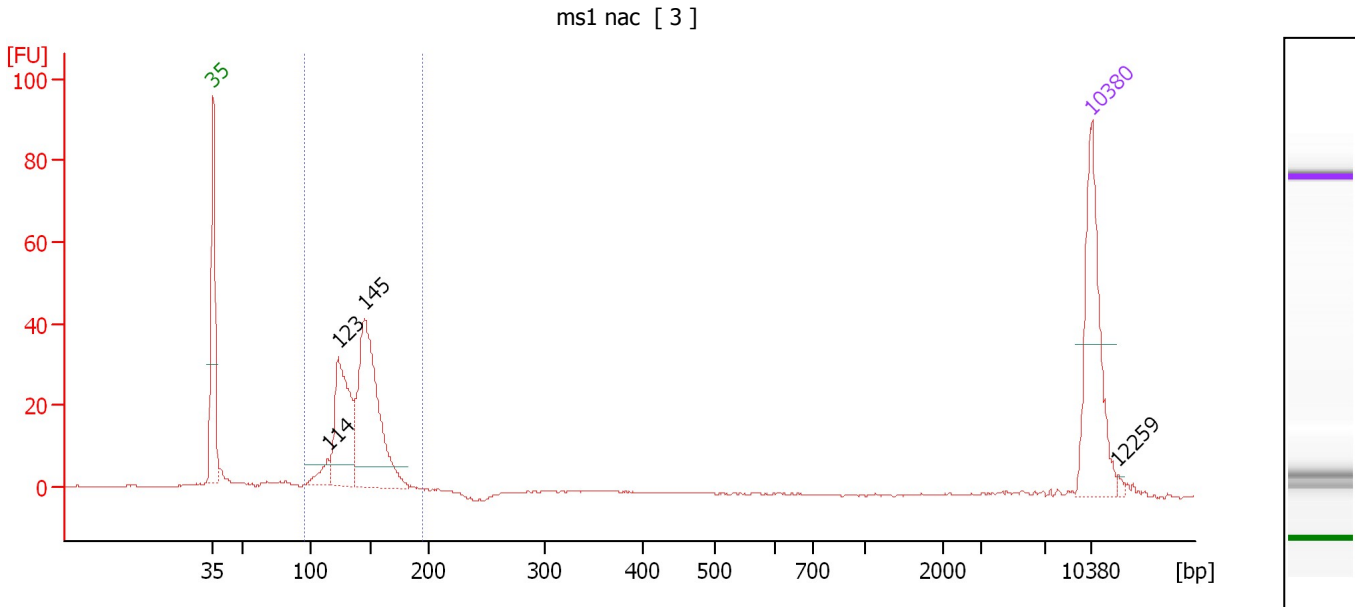
Ladder

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:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
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Electropherogram Summary



Overall Results for sample 1 : ms1 nac

Number of peaks found: 4 Corr. Area 1: 260.6
 Noise: 0.2

Peak table for sample 1 : ms1 nac

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	114	16.49	219.4	
3	123	120.75	1,488.7	
4	145	196.17	2,050.1	
5	10,380	75.00	10.9	Upper Marker
6	12,259	0.00	0.0	

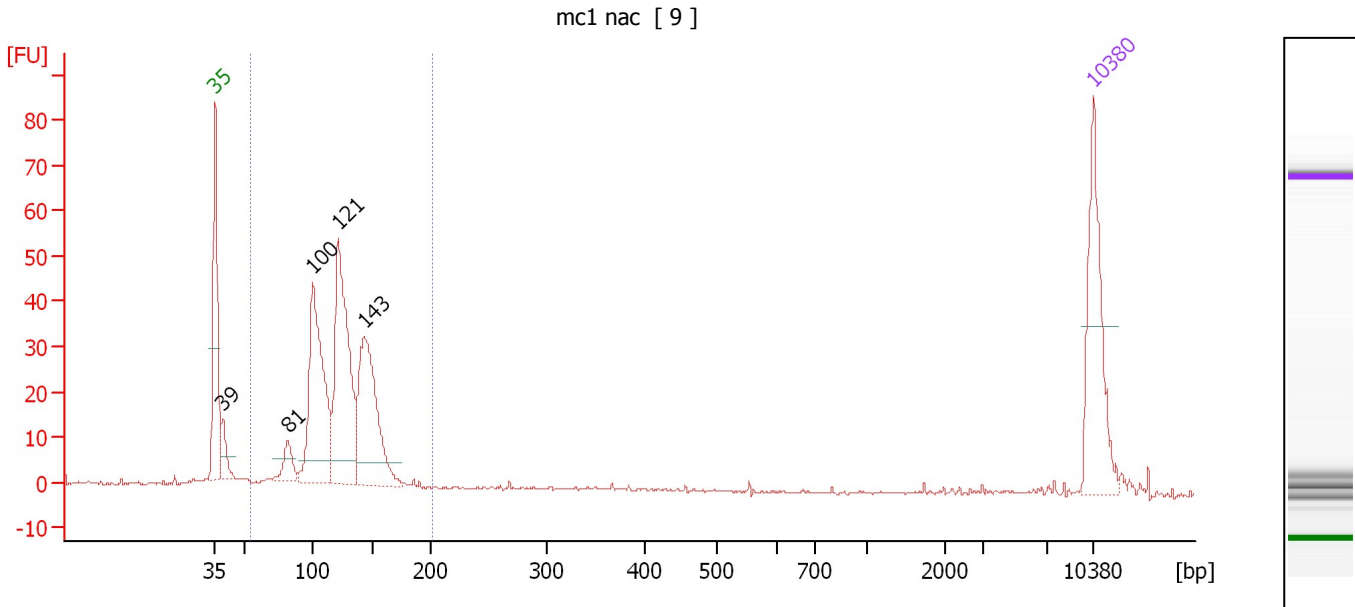
Region table for sample 1 : ms1 nac

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
95	195	140	3,767.2	344.84	260.6	87	11.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : mc1 nac

Number of peaks found: 5 Corr. Area 1: 403.6
 Noise: 0.2

Peak table for sample 2 : mc1 nac

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	26.65	1,039.3	
3	81	26.65	496.0	
4	100	199.45	3,036.1	
5	121	215.10	2,691.4	
6	143	164.50	1,746.2	
7	10,380	75.00	10.9	Upper Marker

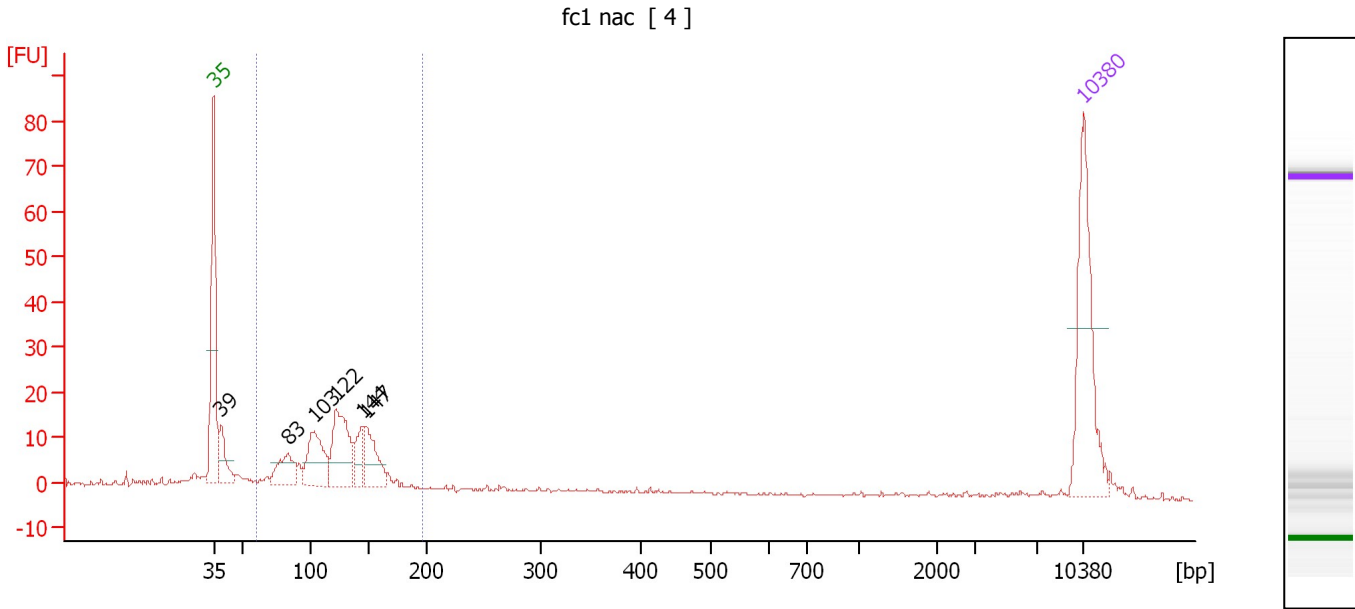
Region table for sample 2 : mc1 nac

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
54	201	122	8,016.0	629.28	403.6	88	17.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
 Modified: 6/13/2014 2:43:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : fc1 nac

Number of peaks found: 6 Corr. Area 1: 179.4
 Noise: 0.1

Peak table for sample 3 : fc1 nac

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	33.40	1,301.0	
3	83	36.01	653.5	
4	103	61.63	902.7	
5	122	78.92	982.9	
6	144	26.91	284.1	
7	147	45.05	465.3	
8	10,380	75.00	10.9	Upper Marker

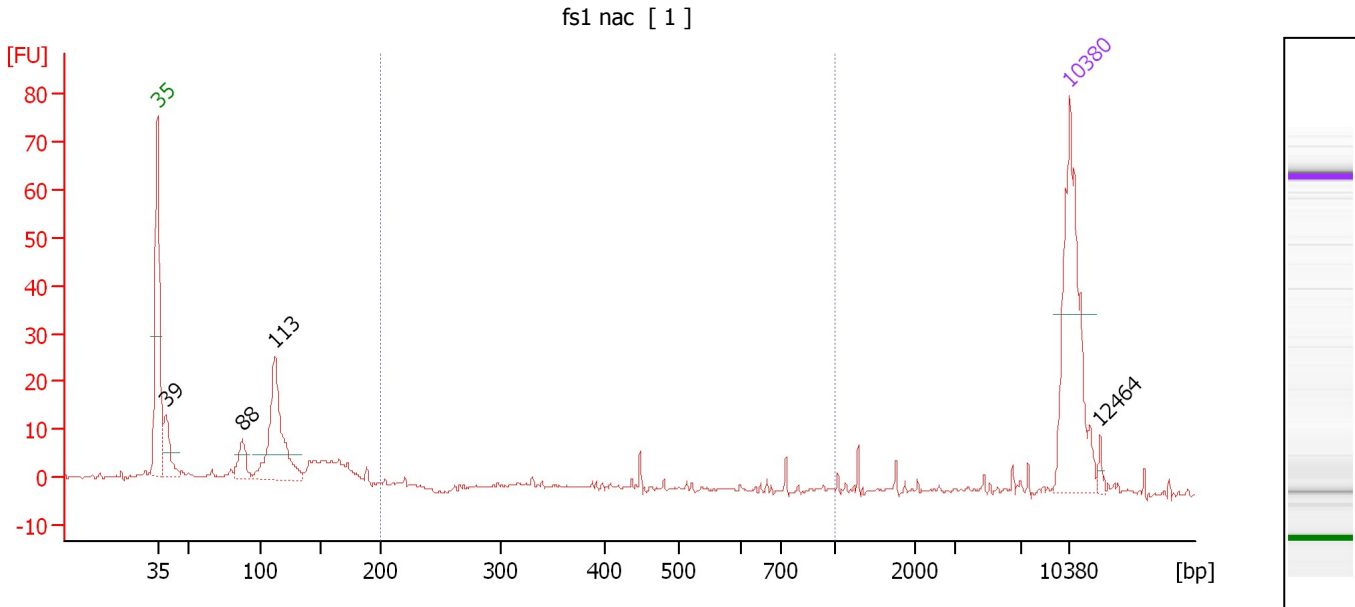
Region table for sample 3 : fc1 nac

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
60	197	121	3,717.8	282.19	179.4	75	21.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
 Modified: 6/13/2014 2:43:33 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : fs1 nac

Number of peaks found: 4 Corr. Area 1: 6.3
 Noise: 0.2

Peak table for sample 4 : fs1 nac

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	39	28.35	1,102.6	
3	88	17.64	304.0	
4	113	87.34	1,174.7	
5	10,380	75.00	10.9	Upper Marker
6	12,464	0.00	0.0	

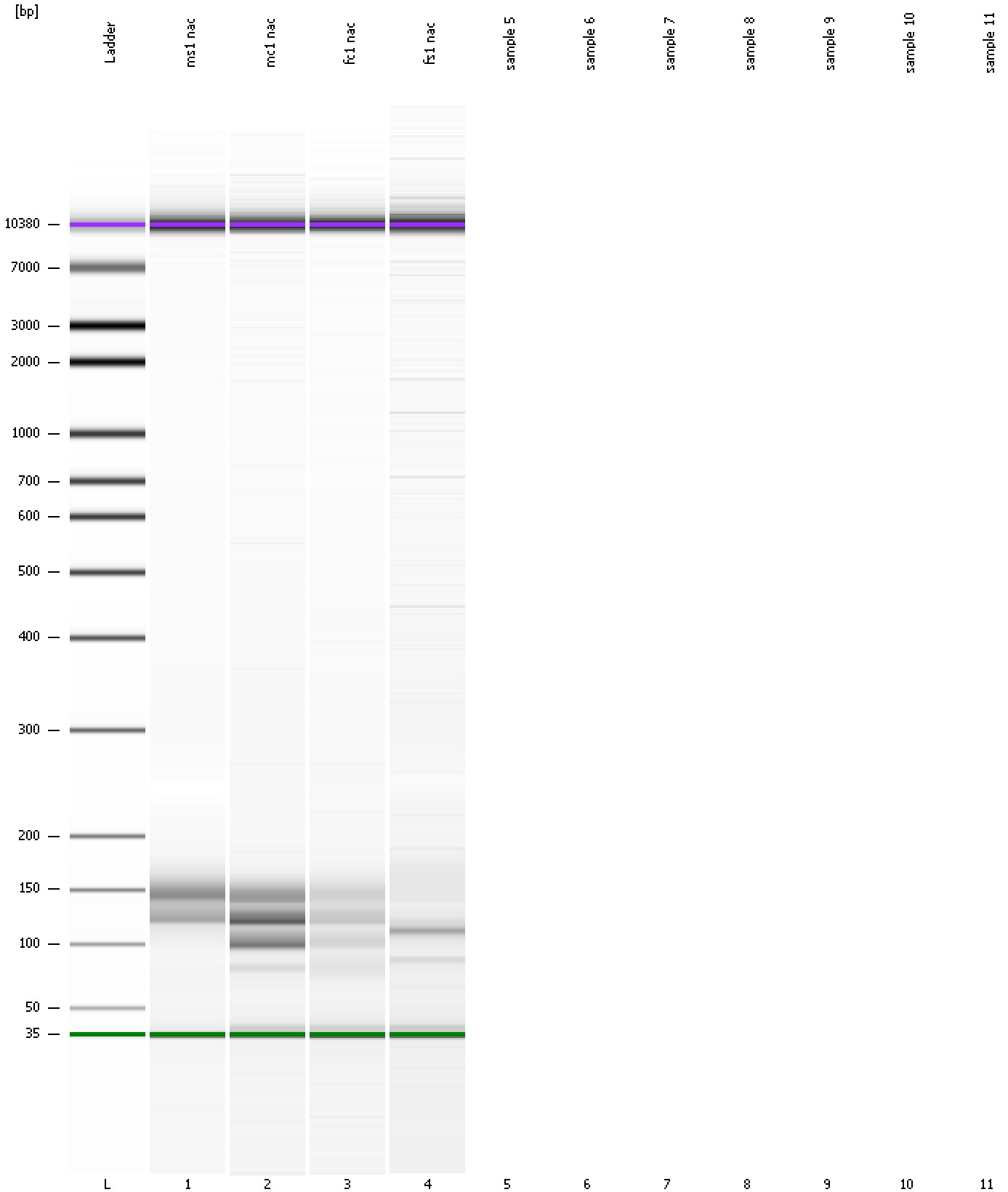
Region table for sample 4 : fs1 nac

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
200	1,000	527	22.9	6.61	6.3	4	33.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
Modified: 6/13/2014 2:43:33 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...r\2100 expert\Data\2014-06-12\2014-06-13\2014-06-13_001.xad

Created: 6/13/2014 2:19:47 PM
Modified: 6/13/2014 2:43:33 PM

Invalid Samples

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.