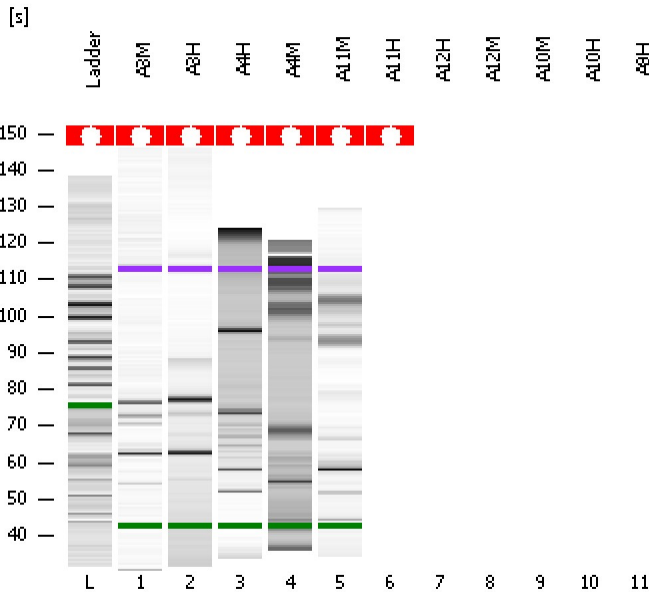


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
Modified: 7/15/2019 11:56:26 AM

Electrophoresis File Run Summary



Instrument Information:

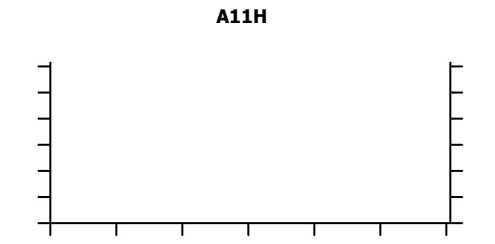
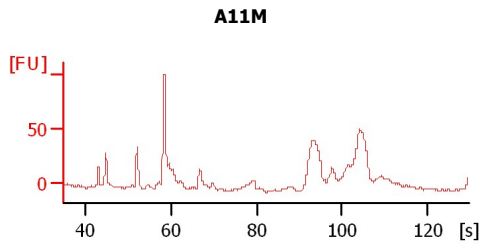
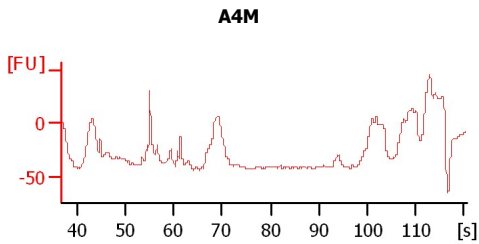
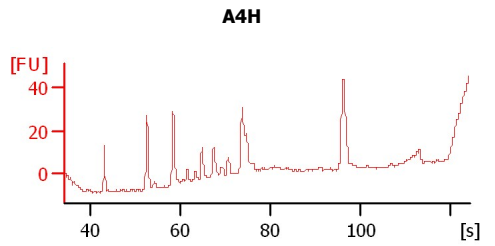
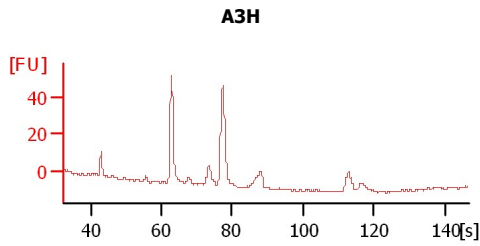
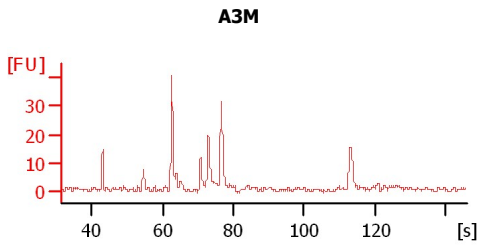
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
 Modified: 7/15/2019 11:56:26 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
A3M		<input type="checkbox"/>	✓			
A3H		<input type="checkbox"/>	✓			
A4H		<input type="checkbox"/>	✓			
A4M		<input type="checkbox"/>	✓			
A11M		<input type="checkbox"/>	✓			
A11H		<input type="checkbox"/>	✗			
A12H		<input type="checkbox"/>	✗			
A12M		<input type="checkbox"/>	✗			
A10M		<input type="checkbox"/>	✗			
A10H		<input type="checkbox"/>	✗			
A9H		<input type="checkbox"/>	✗			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
Modified: 7/15/2019 11:56:26 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

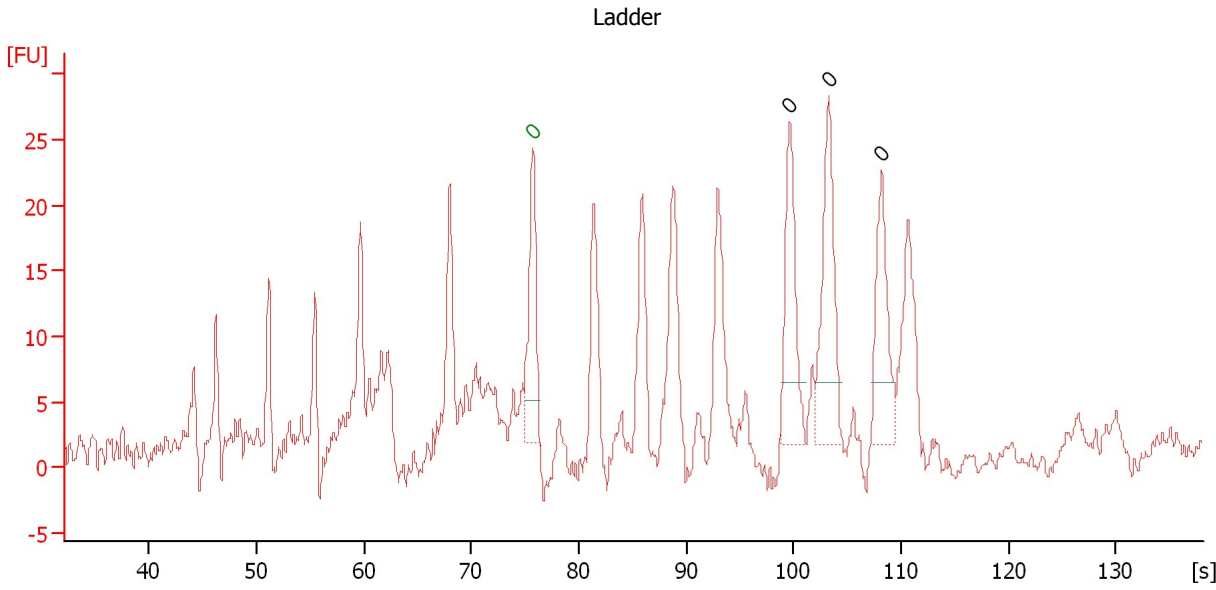
Ladder

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:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.9

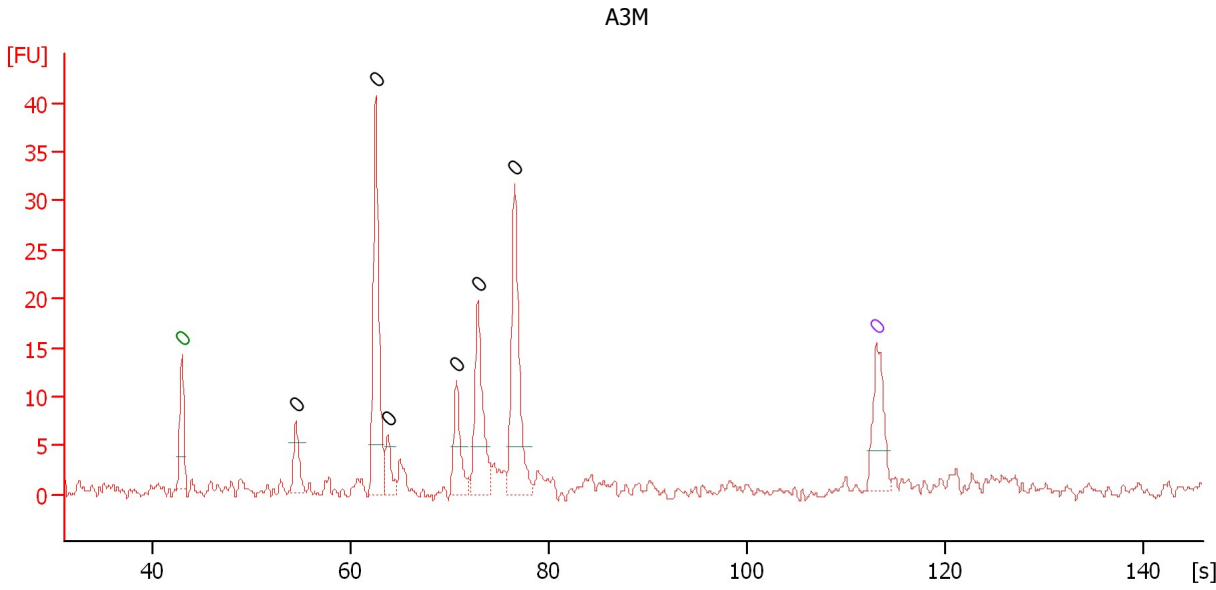
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	75.70
2	0	0.00	0.0	Ladder Peak	99.65
3	0	0.00	0.0	Ladder Peak	103.25
4	0	0.00	0.0	Ladder Peak	108.20

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

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Electropherogram Summary Continued ...



Overall Results for sample 1 : A3M

Number of peaks found: 6 Noise: 0.6

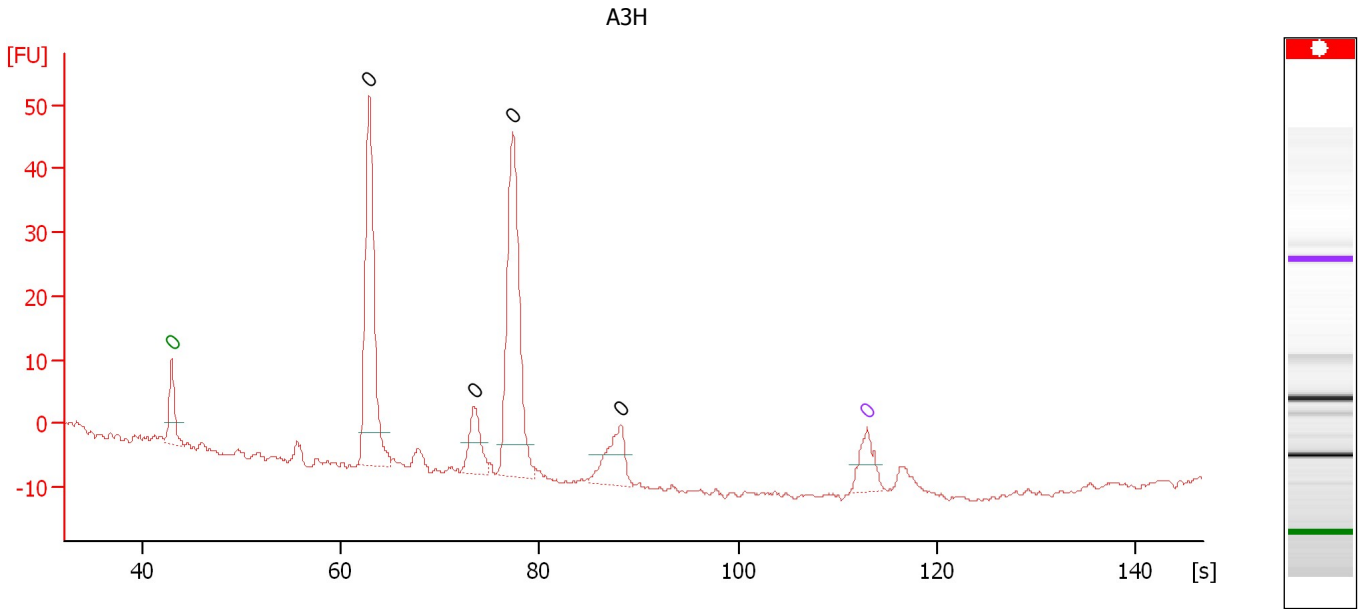
Peak table for sample 1 : A3M

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		54.48
3	0	0.00	0.0		62.54
4	0	0.00	0.0		63.79
5	0	0.00	0.0		70.66
6	0	0.00	0.0		72.83
7	0	0.00	0.0		76.51
8	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : A3H

Number of peaks found: 4 Noise: 0.4

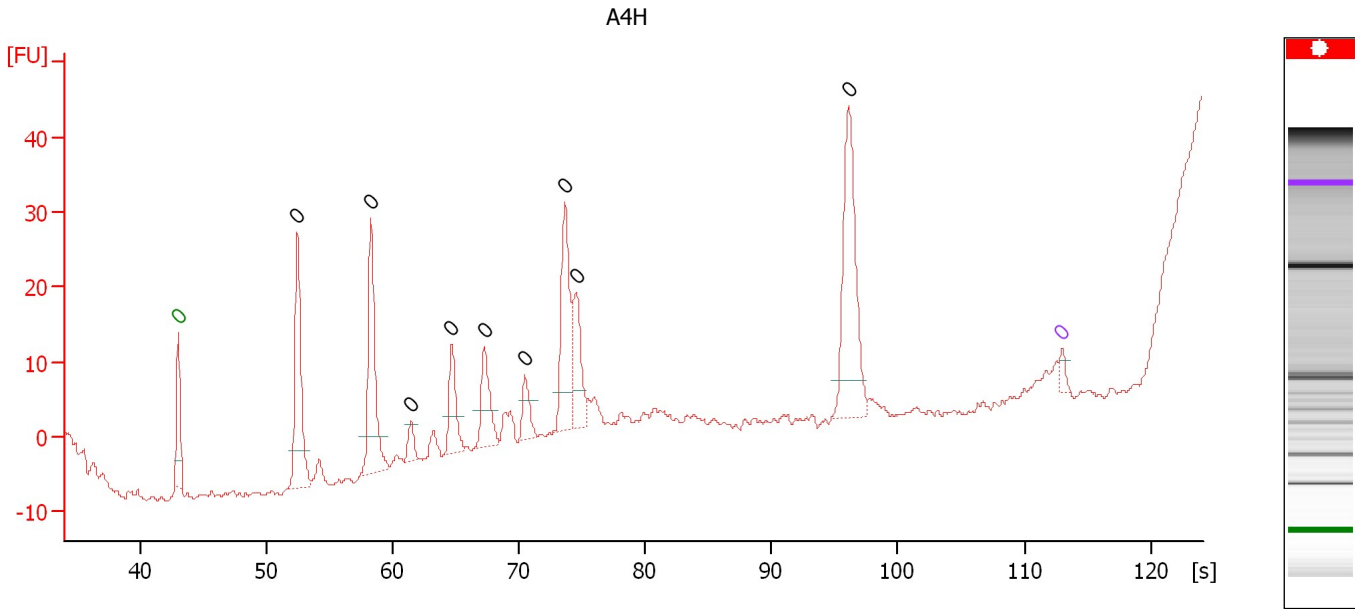
Peak table for sample 2 : A3H

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		62.89
3	0	0.00	0.0		73.43
4	0	0.00	0.0		77.32
5	0	0.00	0.0		88.19
6	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : A4H

Number of peaks found: 9 Noise: 0.3

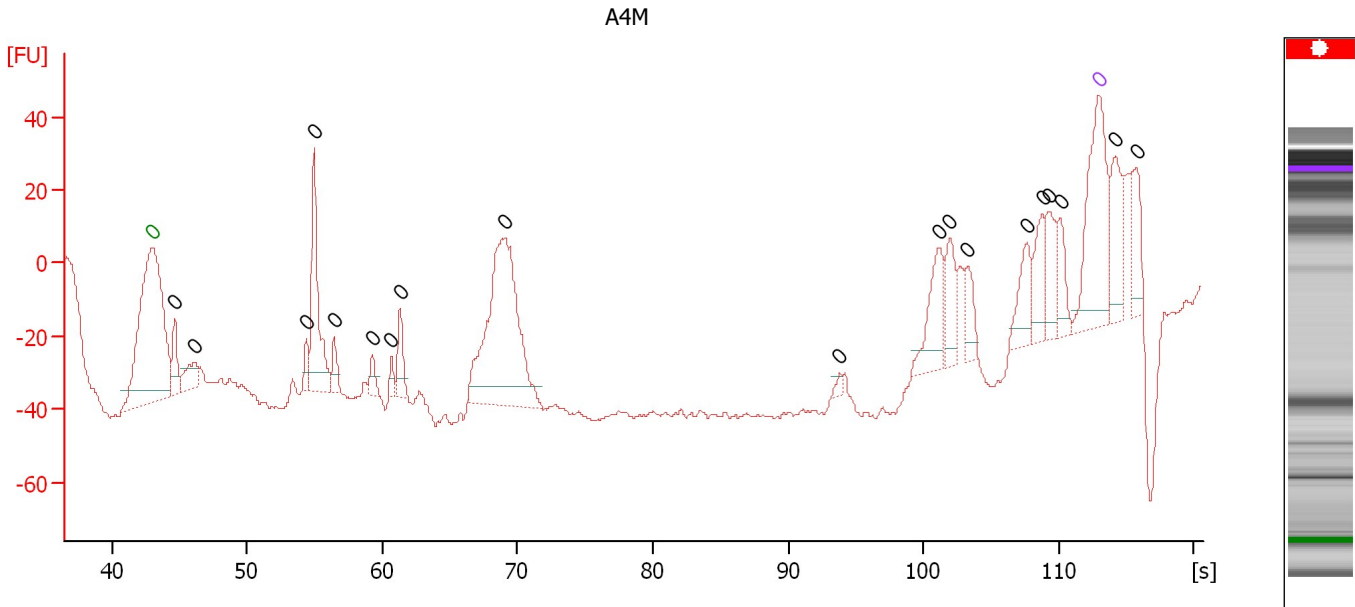
Peak table for sample 3 : A4H

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		52.44
3	0	0.00	0.0		58.27
4	0	0.00	0.0		61.41
5	0	0.00	0.0		64.65
6	0	0.00	0.0		67.24
7	0	0.00	0.0		70.47
8	0	0.00	0.0		73.62
9	0	0.00	0.0		74.51
10	0	0.00	0.0		96.12
11	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : A4M

Number of peaks found: 19 Noise: 0.5

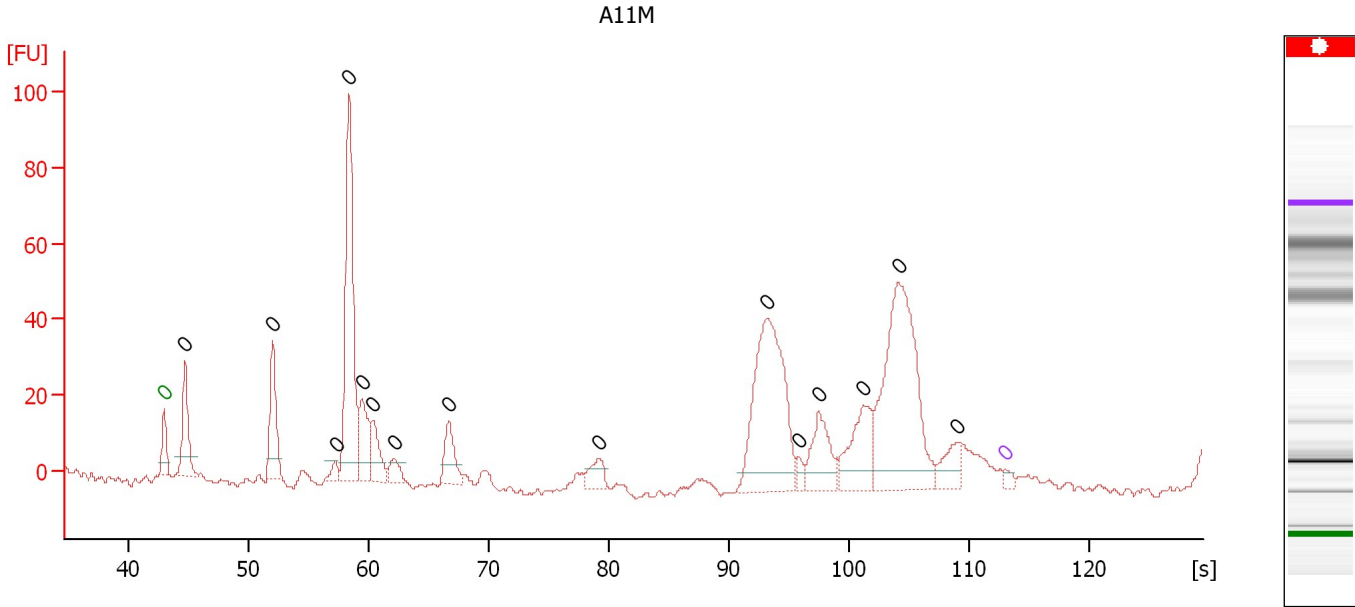
Peak table for sample 4 : A4M

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		44.67
3	0	0.00	0.0		46.10
4	0	0.00	0.0		54.40
5	0	0.00	0.0		54.95
6	0	0.00	0.0		56.42
7	0	0.00	0.0		59.28
8	0	0.00	0.0		60.67
9	0	0.00	0.0		61.30
10	0	0.00	0.0		69.05
11	0	0.00	0.0		93.78
12	0	0.00	0.0		101.17
13	0	0.00	0.0		101.96
14	0	0.00	0.0		103.27
15	0	0.00	0.0		107.64
16	0	0.00	0.0		108.79
17	0	0.00	0.0		109.31
18	0	0.00	0.0		110.14
19	0	0.00	0.0	Upper Marker	113.00
20	0	0.00	0.0		114.19
21	0	0.00	0.0		115.74

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : A11M

Number of peaks found: 15 Noise: 0.6

Peak table for sample 5 : A11M

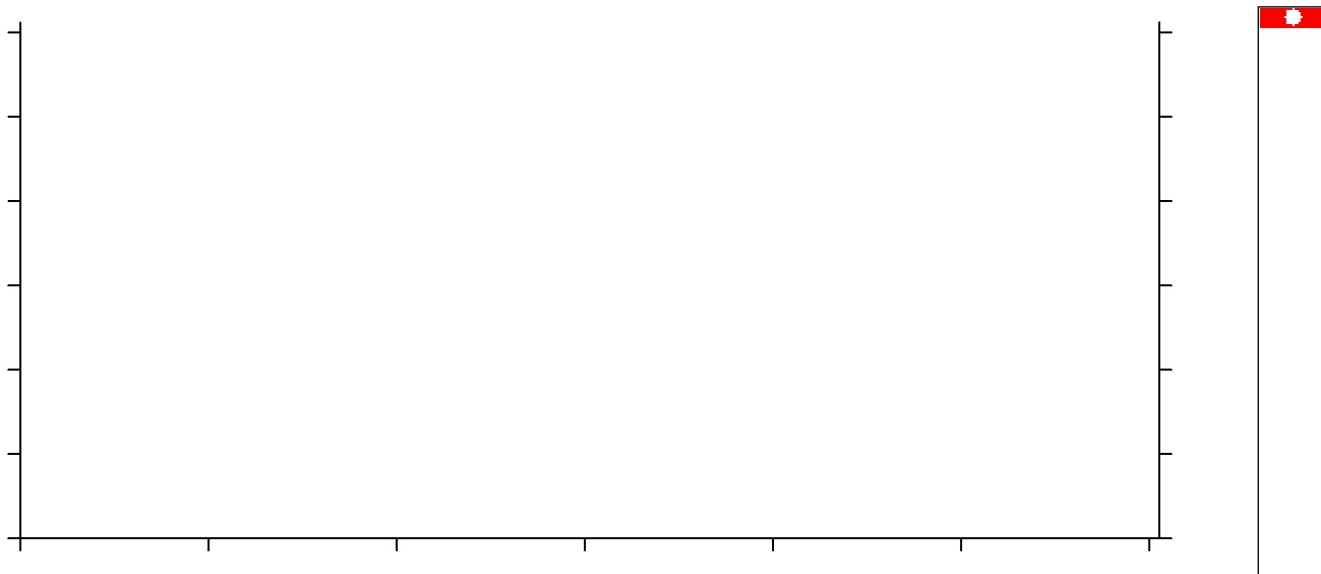
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		44.74
3	0	0.00	0.0		52.04
4	0	0.00	0.0		57.27
5	0	0.00	0.0		58.39
6	0	0.00	0.0		59.50
7	0	0.00	0.0		60.40
8	0	0.00	0.0		62.14
9	0	0.00	0.0		66.71
10	0	0.00	0.0		79.14
11	0	0.00	0.0		93.23
12	0	0.00	0.0		95.82
13	0	0.00	0.0		97.52
14	0	0.00	0.0		101.28
15	0	0.00	0.0		104.14
16	0	0.00	0.0		109.06
17	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
Modified: 7/15/2019 11:56:26 AM

Electropherogram Summary Continued ...

A11H



Setpoint Deviations for sample 6 : A11H

End Analysis Time Range [s] : 8.8

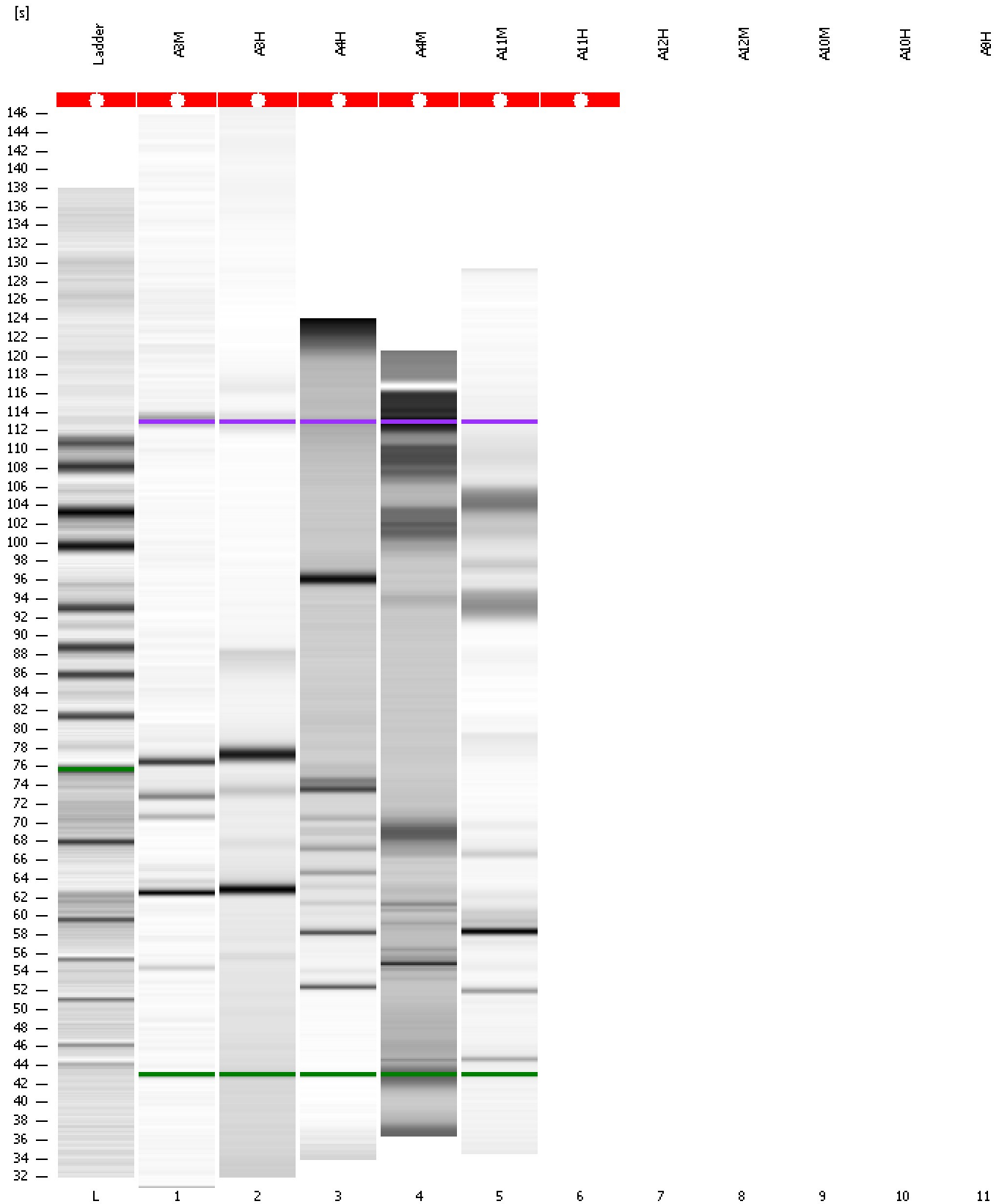
Overall Results for sample 6 : A11H

Noise: 1.2

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
Modified: 7/15/2019 11:56:26 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
Modified: 7/15/2019 11:56:26 AM

Invalid Samples

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.

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...alyzer\2100 expert\data\2019-07-15\2019-07-15_002Jackie.xad

Created: 7/15/2019 11:11:18 AM
 Modified: 7/15/2019 11:56:26 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run aborted on port 1		Instrument	Run		7/15/2019 11:35:19 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-07-15\2019-07-15_002.xad)		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		7/15/2019 11:11:18 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1