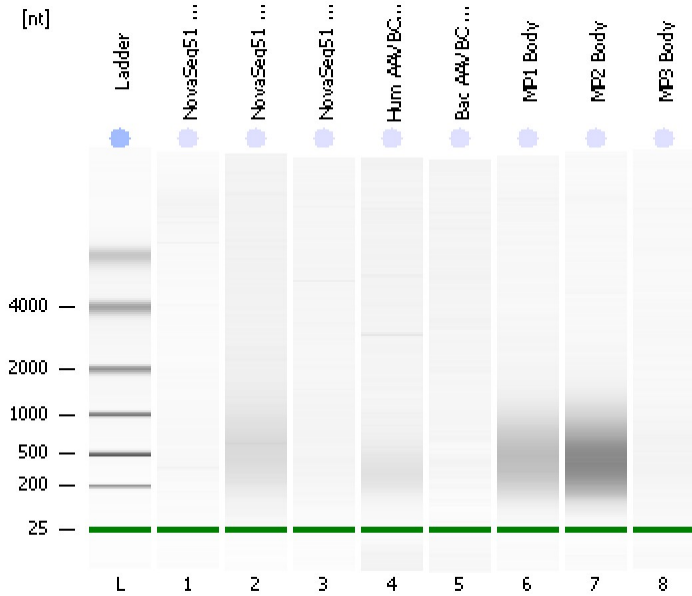


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electrophoresis File Run Summary



Instrument Information:

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

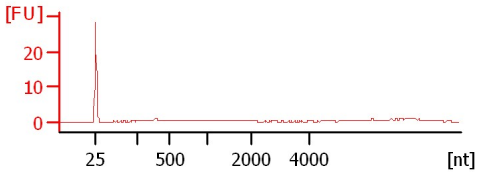
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

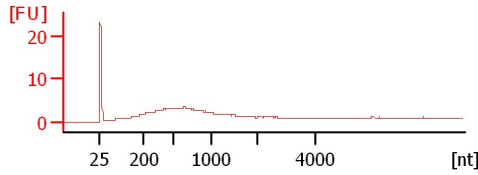
Chip Information:

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

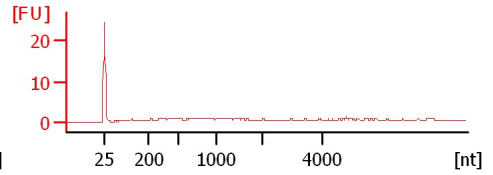
NovaSeq51 - 29
NovaSeq051
RIN:1



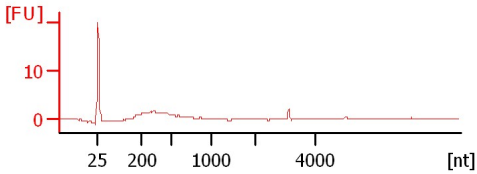
NovaSeq51 - 51
NovaSeq051
RIN: 1.50



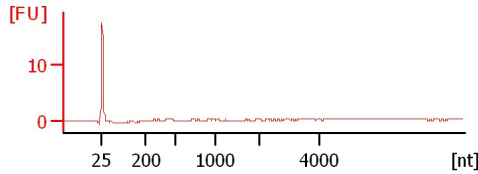
NovaSeq51 - 71
NovaSeq051
RIN:1



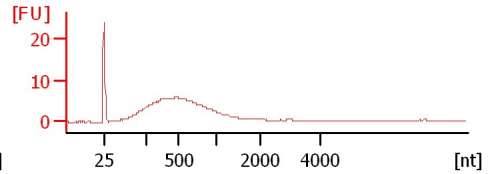
HiSeq1885 Hum AAV BC DNA
HiSeq1885
RIN: 1.10



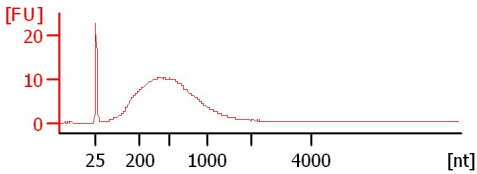
HiSeq1885 Bac AAV BC DNA
HiSeq1885
RIN:1



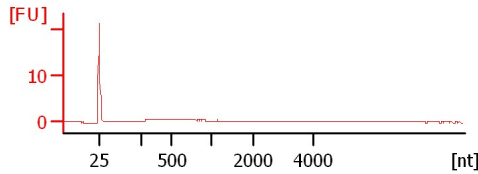
NovaSeq089 MP1 Body
NovaSeq089
RIN: 2.10



NovaSeq089 MP2 Body
NovaSeq089
RIN: 2.20



NovaSeq089 MP3 Body
NovaSeq089
RIN:1



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
 Modified: 9/18/2019 11:43:28 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
NovaSeq51 - 29	NovaSeq051	✓	RIN:1	
NovaSeq51 - 51	NovaSeq051	✓	RIN: 1.50	
NovaSeq51 - 71	NovaSeq051	✓	RIN:1	
Hum AAV BC DNA	HiSeq1885	✓	RIN: 1.10	
Bac AAV BC DNA	HiSeq1885	✓	RIN:1	
MP1 Body	NovaSeq089	✓	RIN: 2.10	
MP2 Body	NovaSeq089	✓	RIN: 2.20	
MP3 Body	NovaSeq089	✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

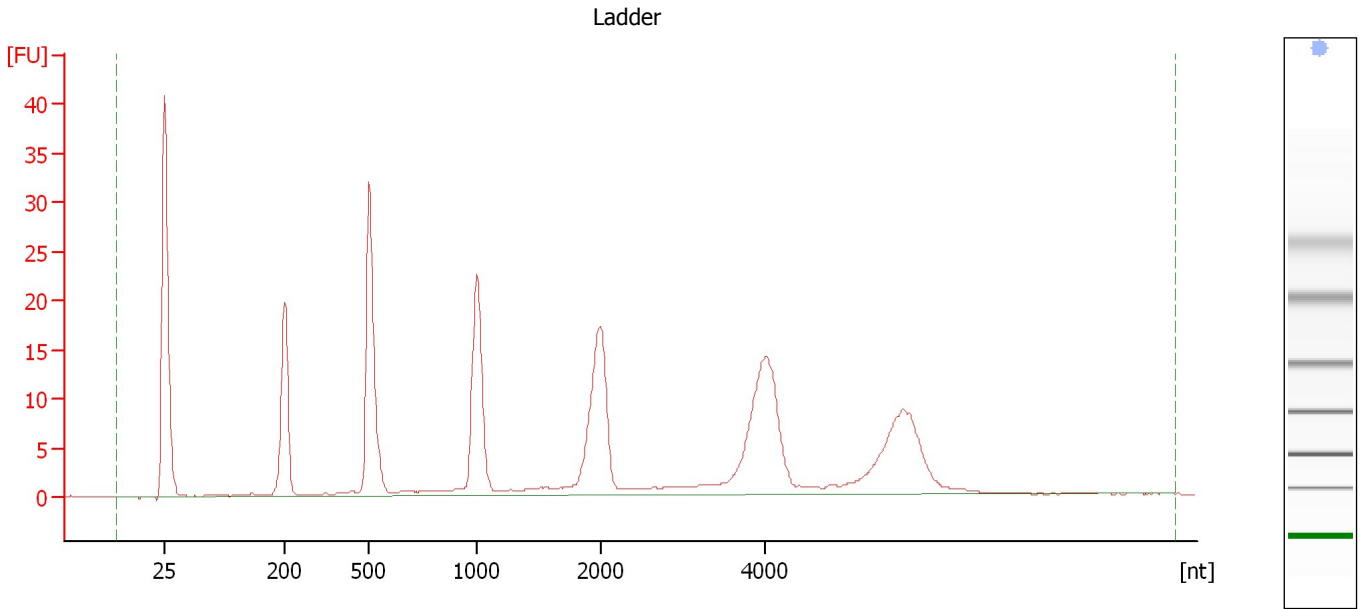
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary



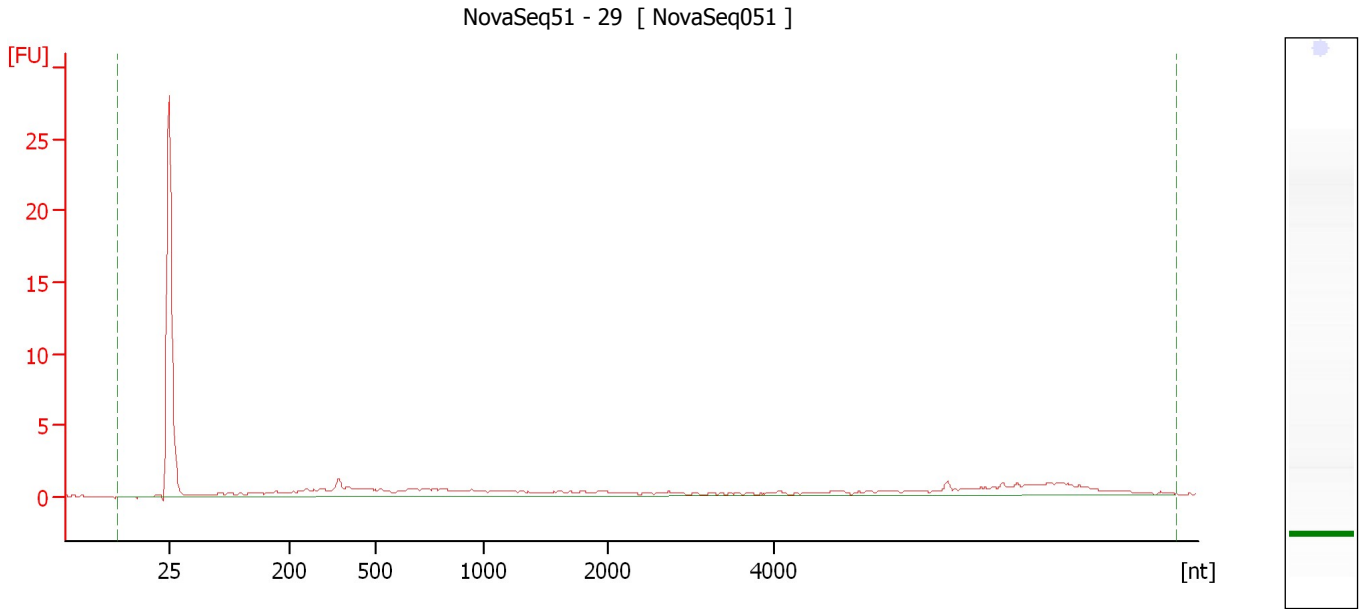
Overall Results for Ladder

RNA Area:	250.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



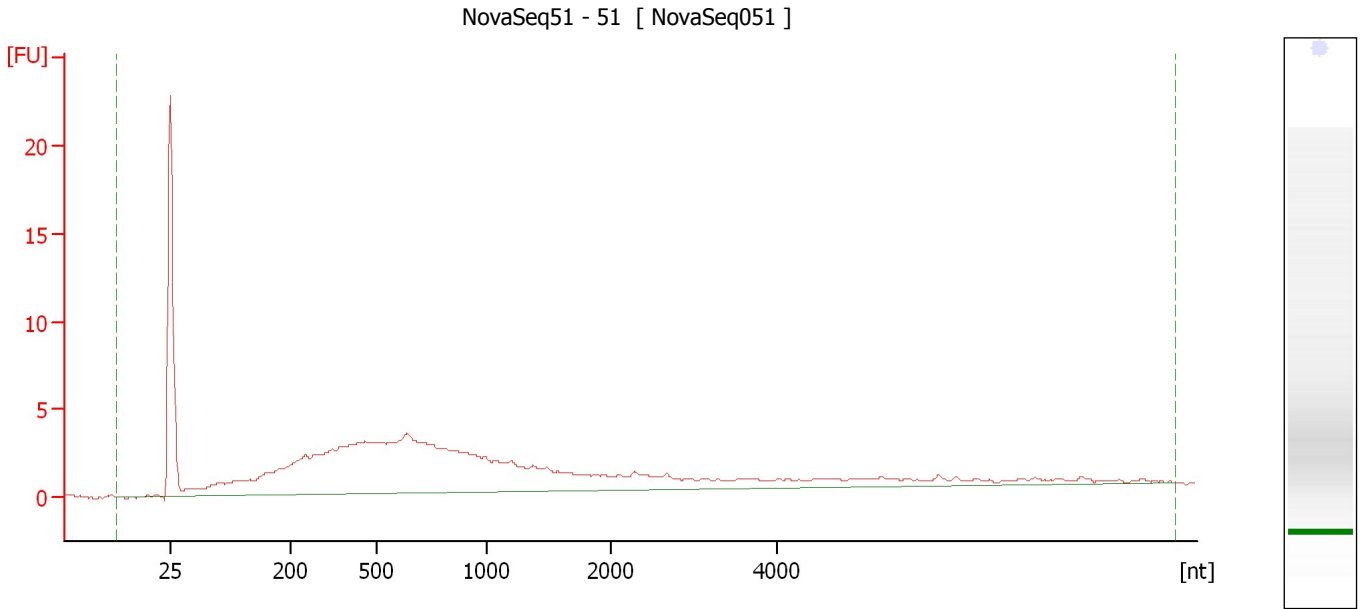
Overall Results for sample 1 : NovaSeq51 - 29

RNA Area:	34.1	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	136 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



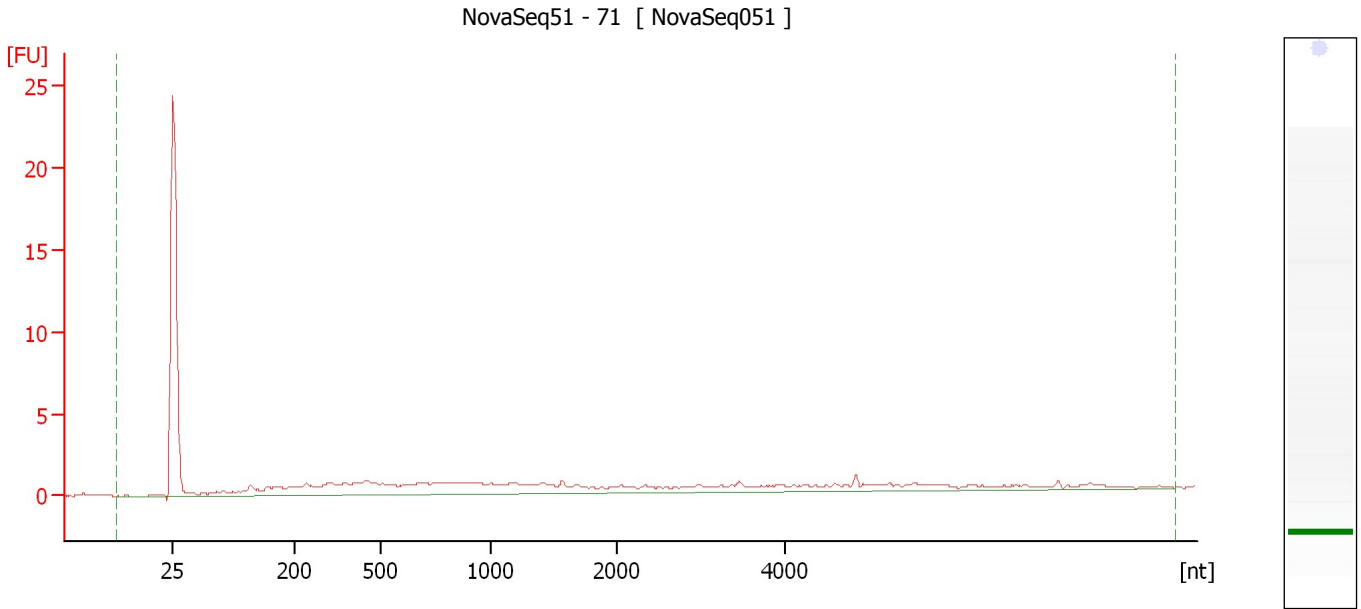
Overall Results for sample 2 : NovaSeq51 - 51

RNA Area:	131.7	RNA Integrity Number (RIN):	1.5 (B.02.08)
RNA Concentration:	525 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



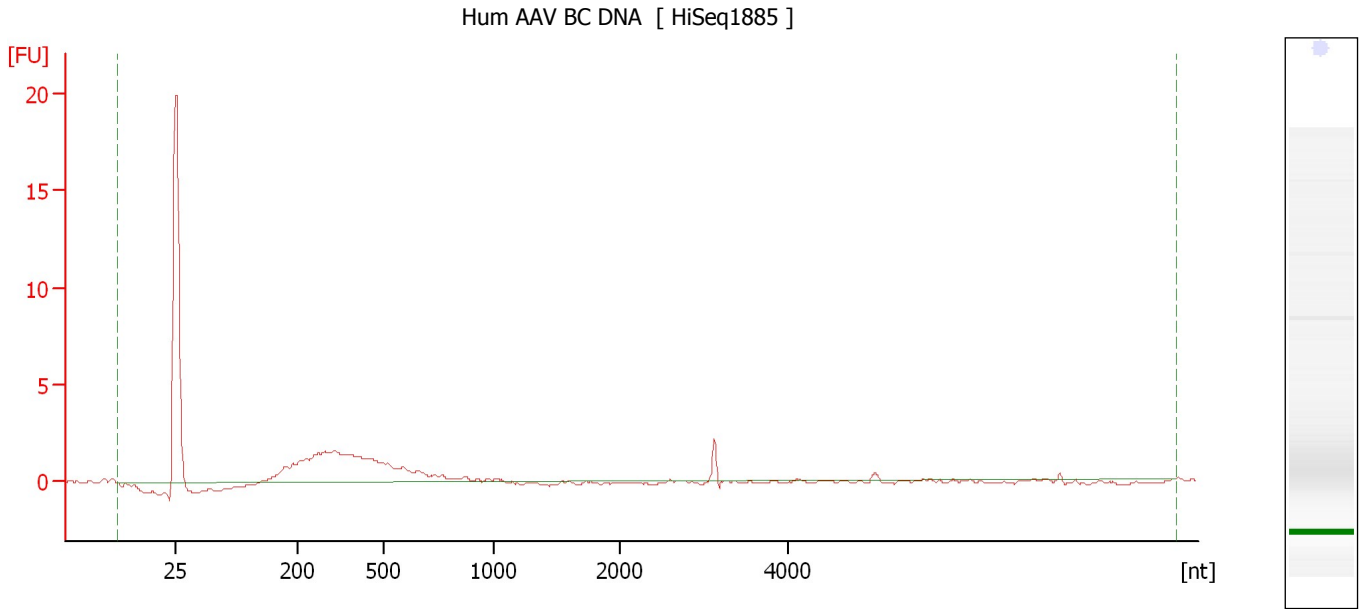
Overall Results for sample 3 : NovaSeq51 - 71

RNA Area:	44.6	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	178 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



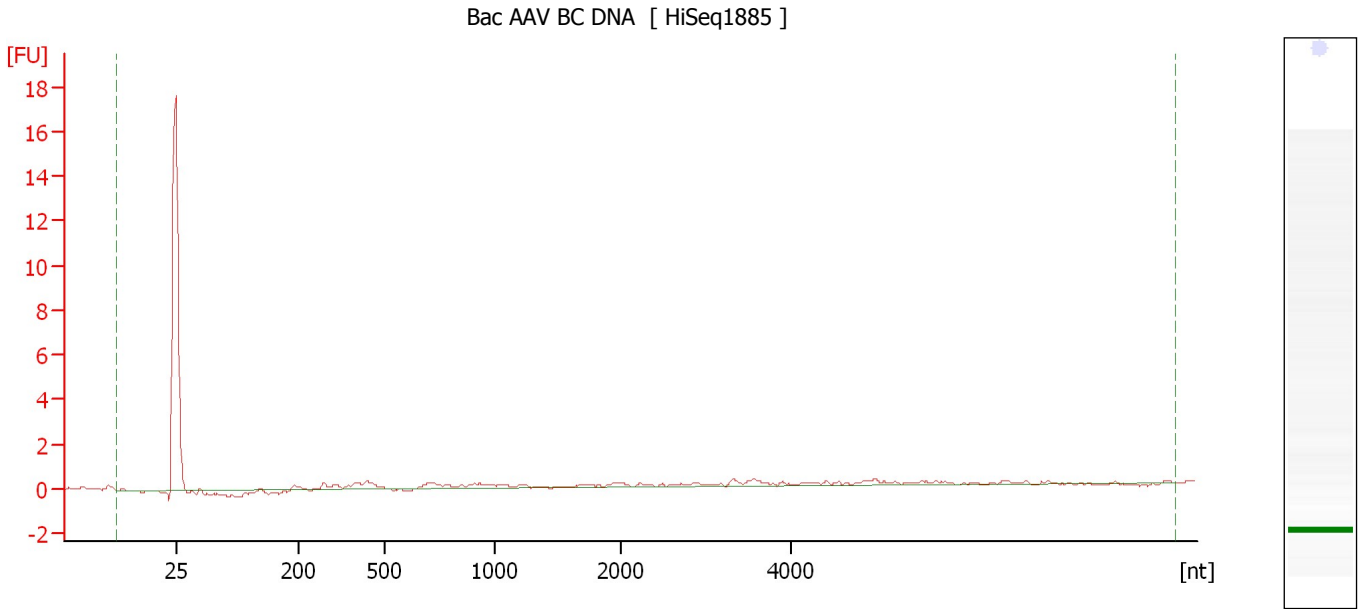
Overall Results for sample 4 : Hum AAV BC DNA

RNA Area:	27.3	RNA Integrity Number (RIN):	1.1 (B.02.08)
RNA Concentration:	109 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



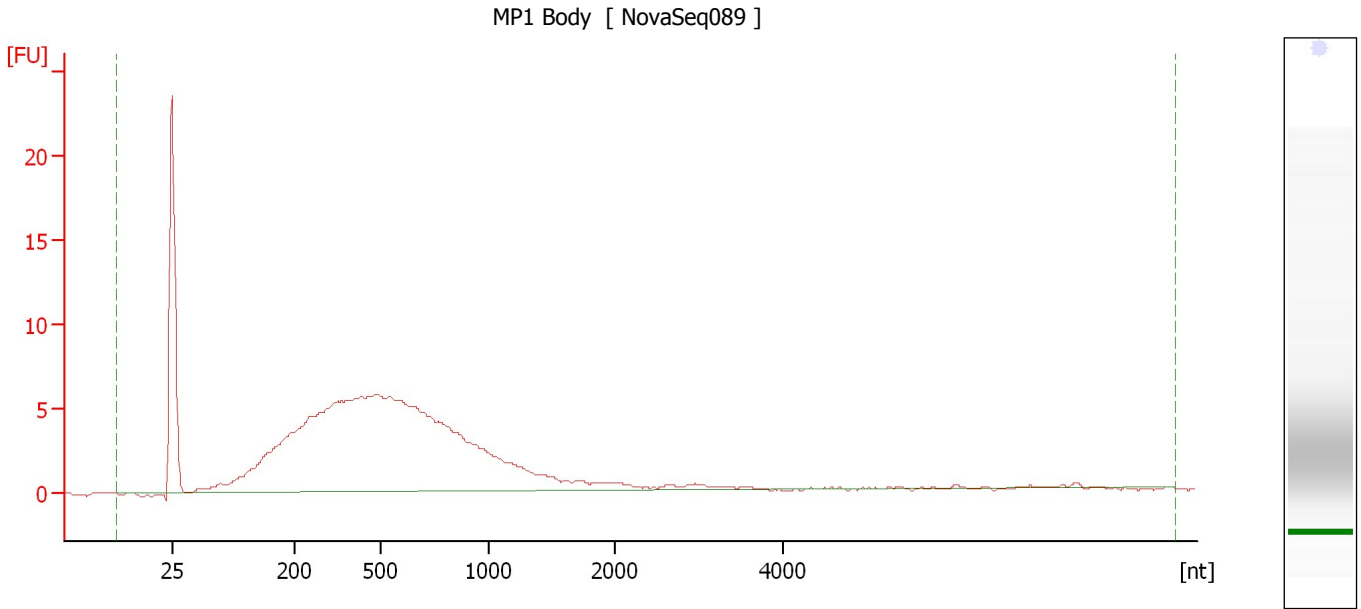
Overall Results for sample 5 : Bac AAV BC DNA

RNA Area:	7.3	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	29 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



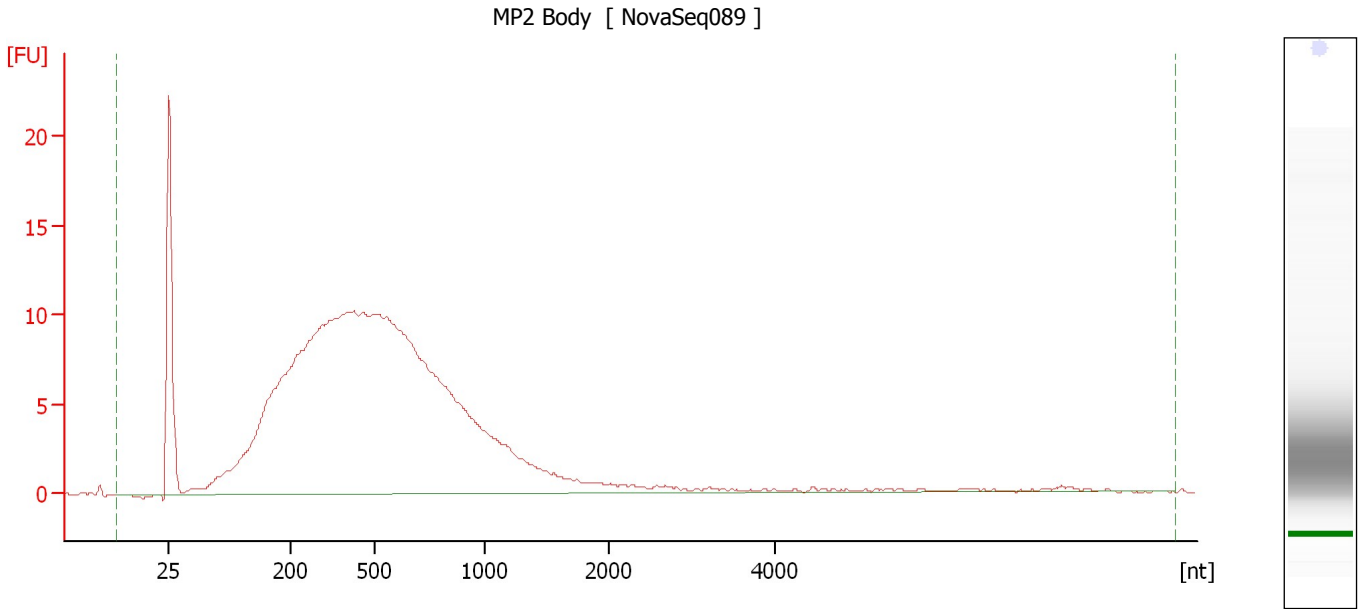
Overall Results for sample 6 : MP1 Body

RNA Area:	174.9	RNA Integrity Number (RIN):	2.1 (B.02.08)
RNA Concentration:	697 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



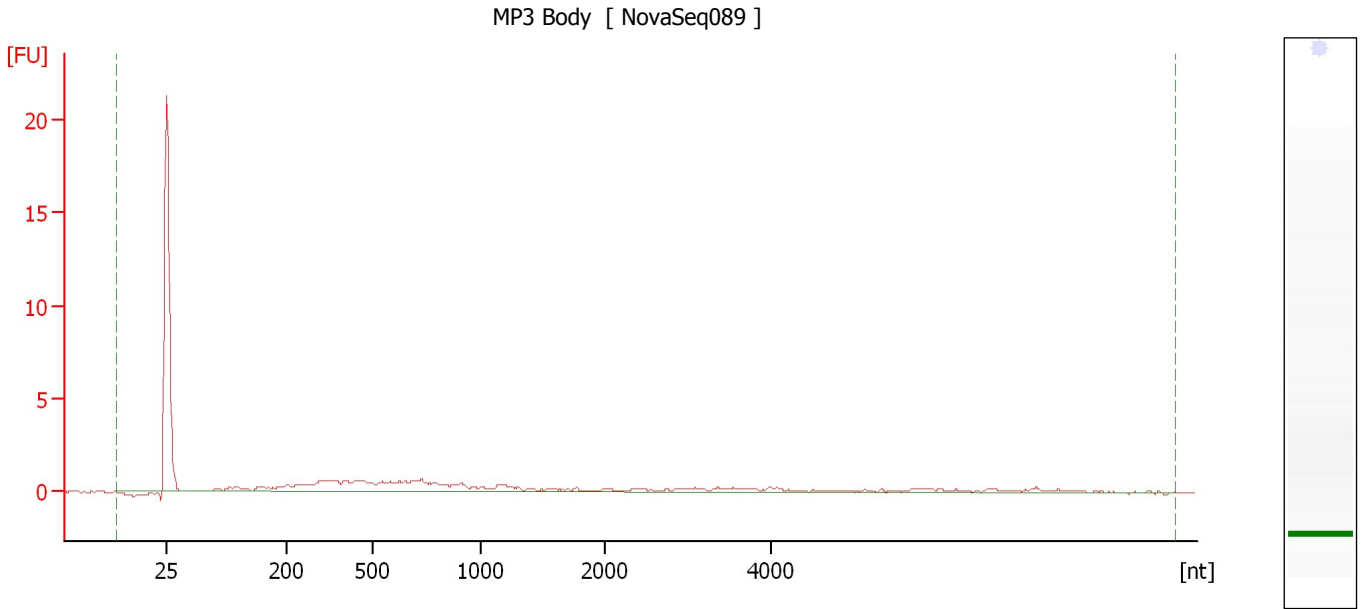
Overall Results for sample 7 : MP2 Body

RNA Area:	313.2	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	1,248 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Electropherogram Summary Continued ...



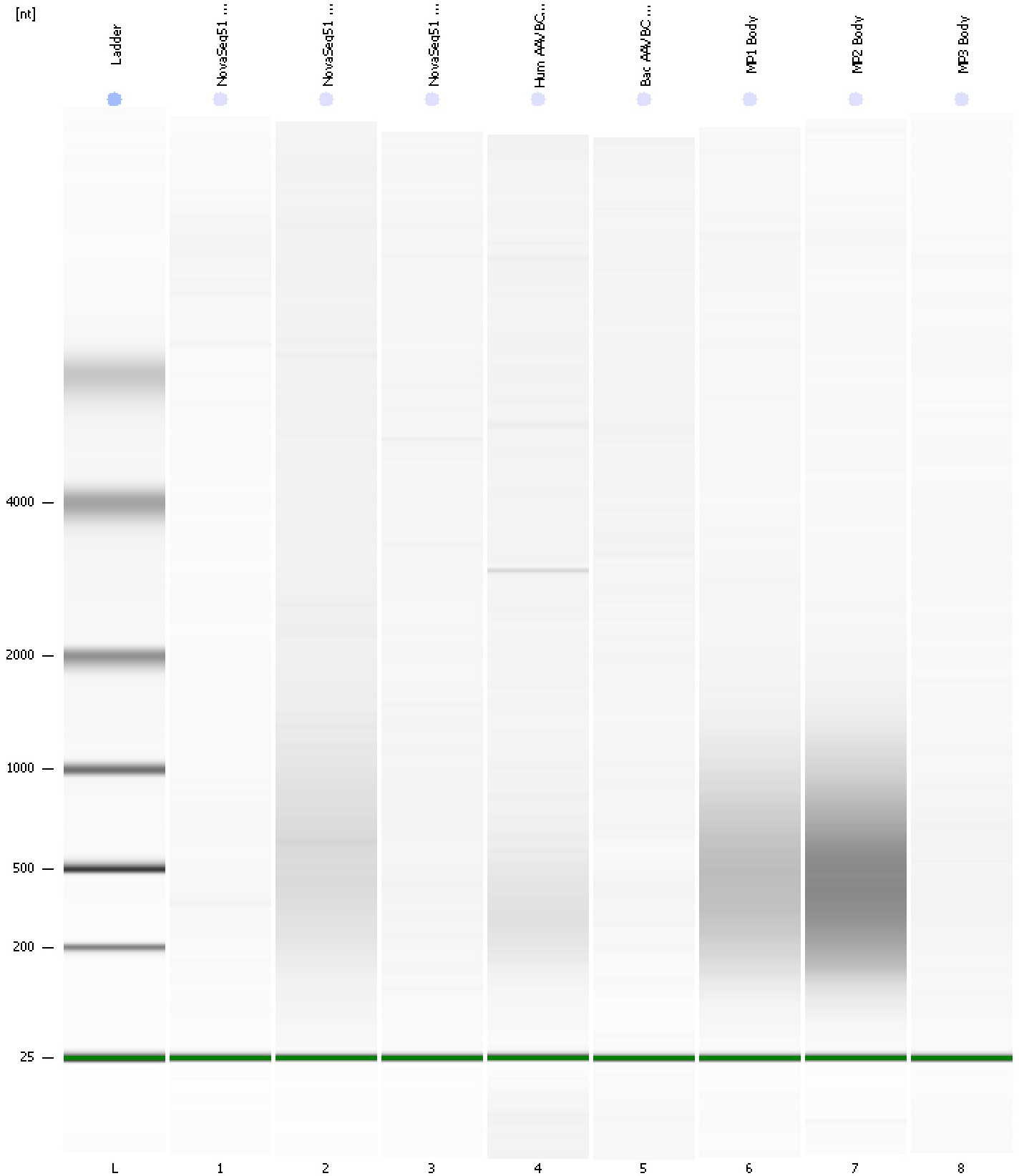
Overall Results for sample 8 : MP3 Body

RNA Area:	22.0	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	88 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Gel Image

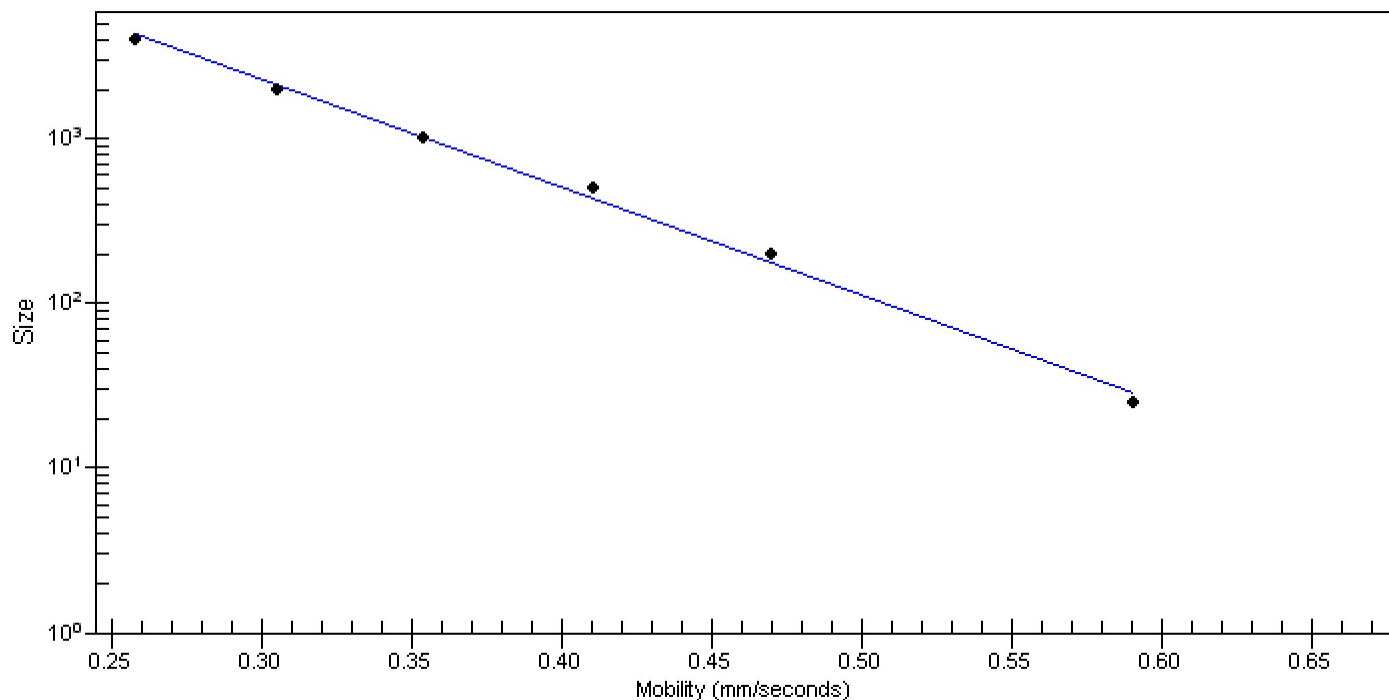


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
Modified: 9/18/2019 11:43:28 AM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...100 expert\data\2019-09-16\2019-09-16_001_BCDNA_Repeats.xad

Created: 9/16/2019 1:22:57 PM
 Modified: 9/18/2019 11:43:28 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 11)		Instrument	Run		9/16/2019 1:44:23 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\2019-09-16\2019-09-16_001.xad)		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		9/16/2019 1:23:02 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1