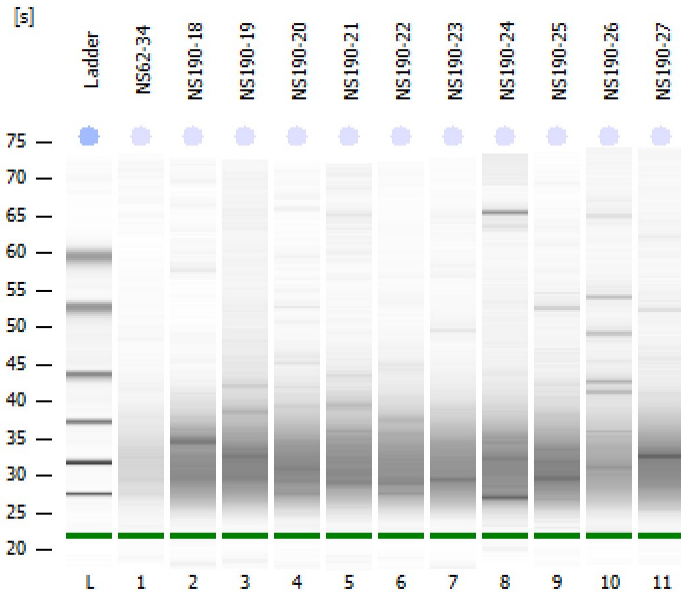


Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electrophoresis File Run Summary



Instrument Information:

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

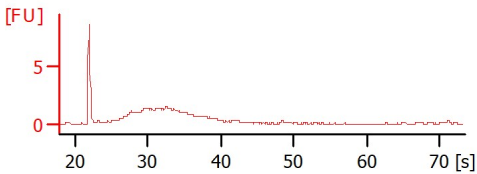
Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\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.

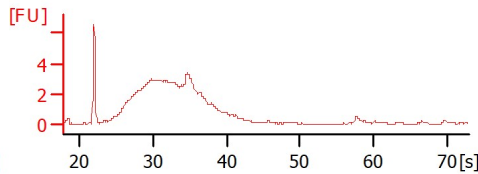
Chip Information:

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

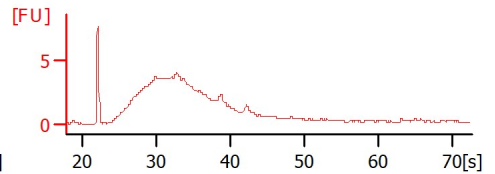
NS62-34
Bisulfite Converted DNA
RIN: 1.70



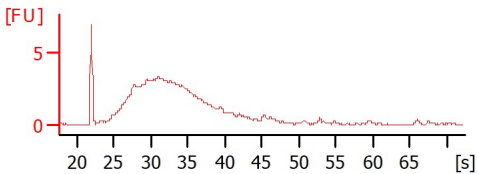
NS190-18
Bisulfite Converted DNA
RIN: 2.10



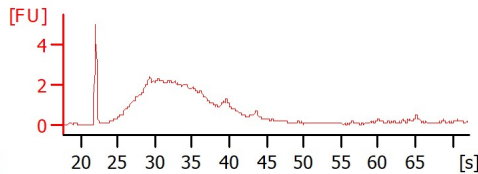
NS190-19
Bisulfite Converted DNA
RIN: 2.80



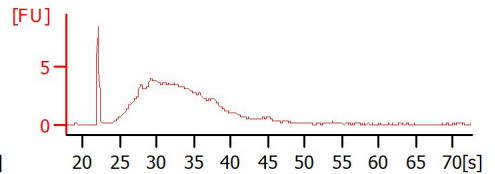
NS190-20
Bisulfite Converted DNA
RIN: 2.20



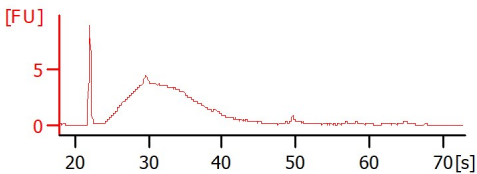
NS190-21
Bisulfite Converted DNA
RIN: 2.20



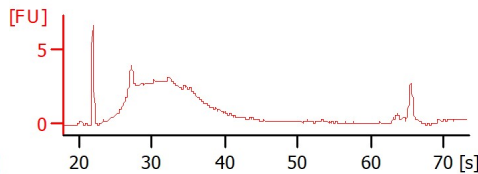
NS190-22
Bisulfite Converted DNA
RIN: 2.20



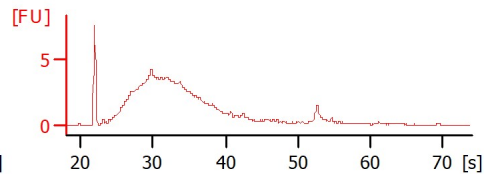
NS190-23
Bisulfite Converted DNA
RIN: 2.20



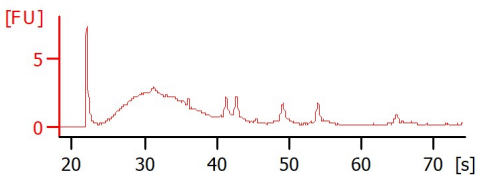
NS190-24
Bisulfite Converted DNA
RIN: 2.20



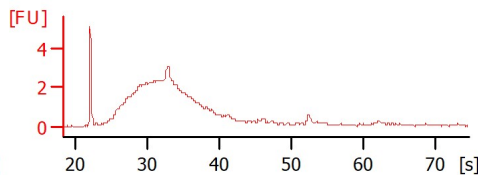
NS190-25
Bisulfite Converted DNA
RIN: 2.20



NS190-26
Bisulfite Converted DNA
RIN: 4.20



NS190-27
Bisulfite Converted DNA
RIN: 2.10



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
NS62-34	Bisulfite Converted DNA	✓	RIN: 1.70	
NS190-18	Bisulfite Converted DNA	✓	RIN: 2.10	
NS190-19	Bisulfite Converted DNA	✓	RIN: 2.80	
NS190-20	Bisulfite Converted DNA	✓	RIN: 2.20	
NS190-21	Bisulfite Converted DNA	✓	RIN: 2.20	
NS190-22	Bisulfite Converted DNA	✓	RIN: 2.20	
NS190-23	Bisulfite Converted DNA	✓	RIN: 2.20	
NS190-24	Bisulfite Converted DNA	✓	RIN: 2.20	
NS190-25	Bisulfite Converted DNA	✓	RIN: 2.20	
NS190-26	Bisulfite Converted DNA	✓	RIN: 4.20	
NS190-27	Bisulfite Converted DNA	✓	RIN: 2.10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 PM

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

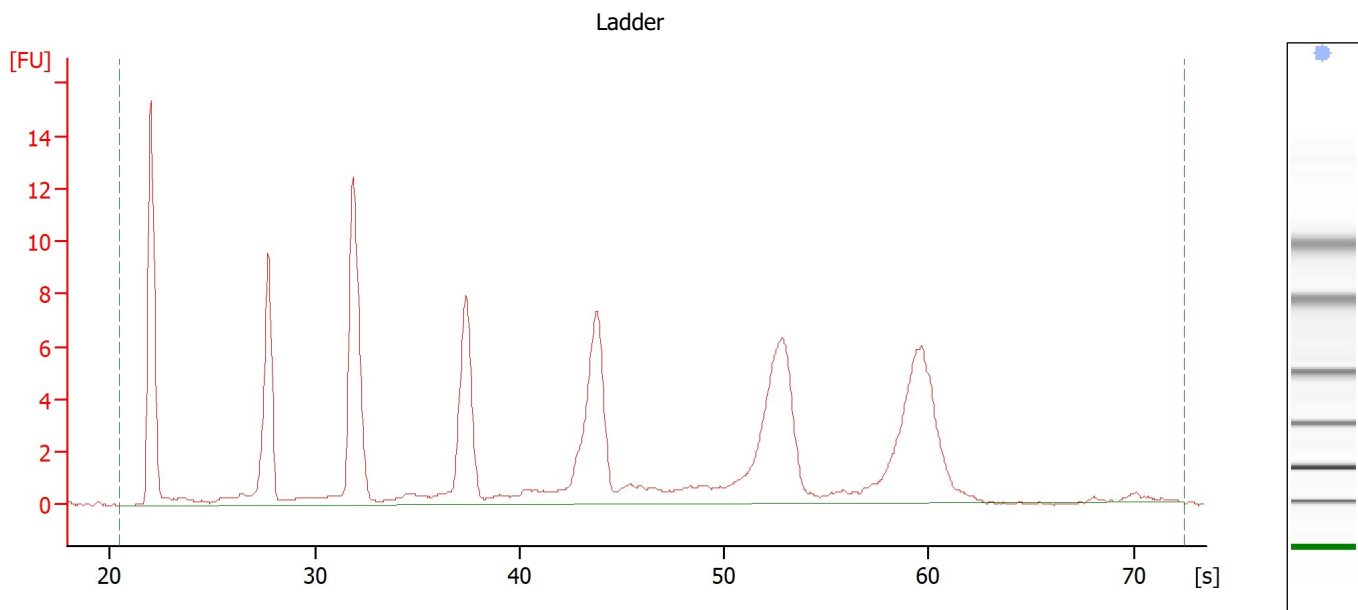
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary



Overall Results for Ladder

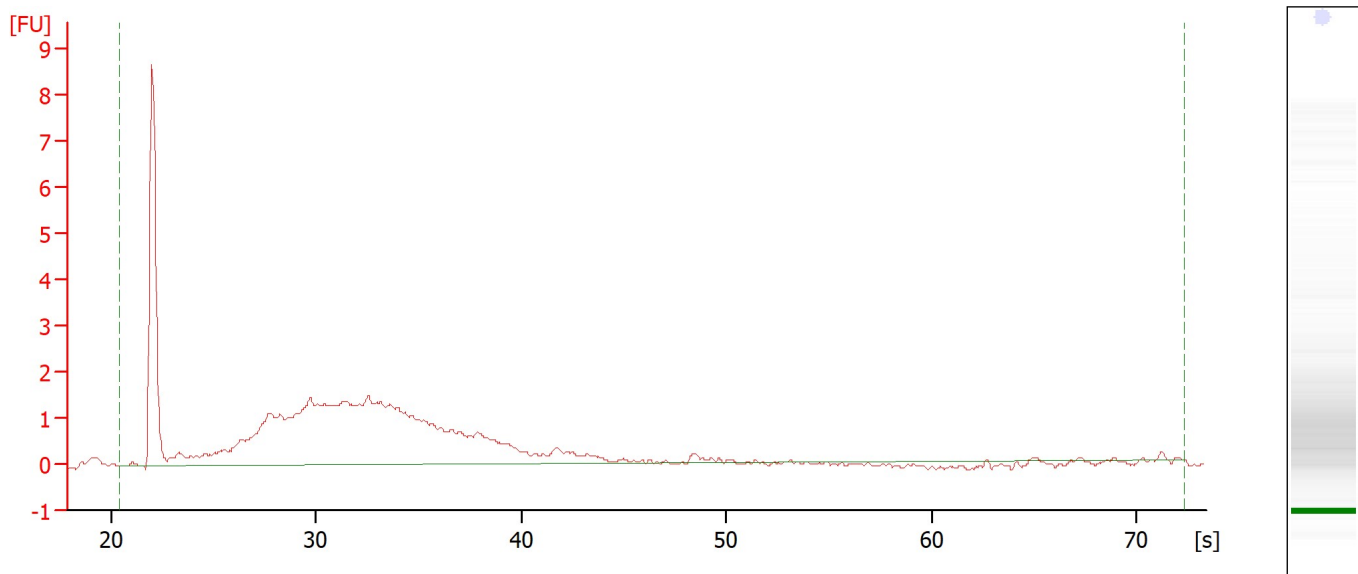
RNA Area:	137.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS62-34 [Bisulfite Converted DNA]



Overall Results for sample 1 : NS62-34

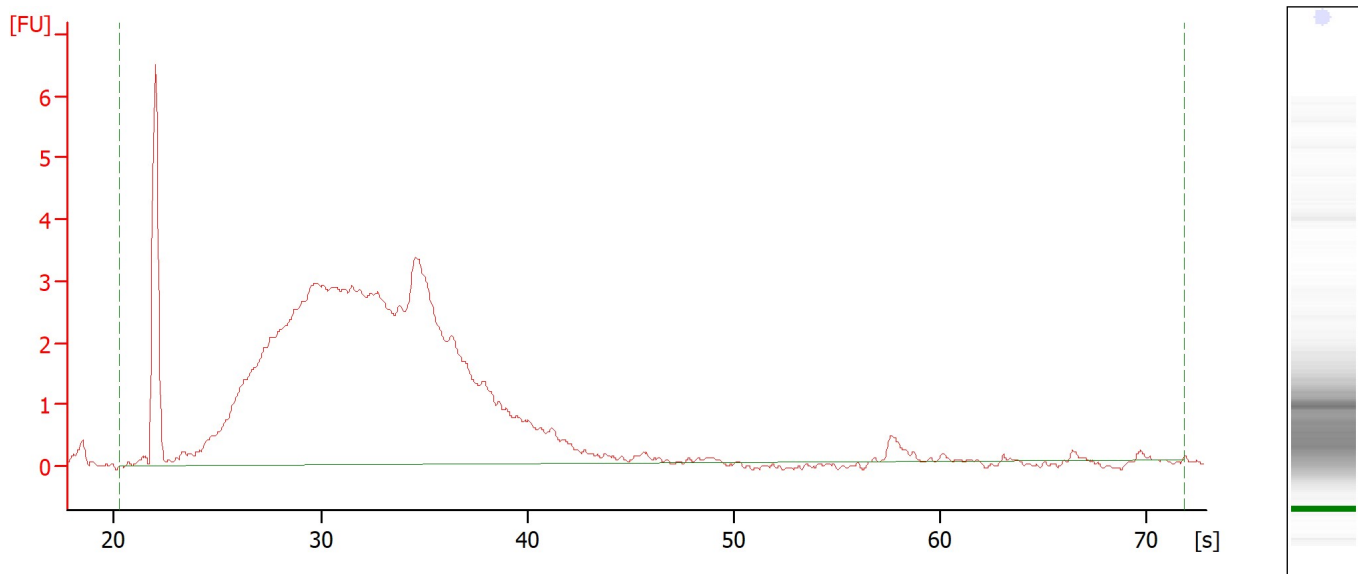
RNA Area:	47.1	RNA Integrity Number (RIN):	1.7 (B.02.10)
RNA Concentration:	344 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.70

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-18 [Bisulfite Converted DNA]



Overall Results for sample 2 : NS190-18

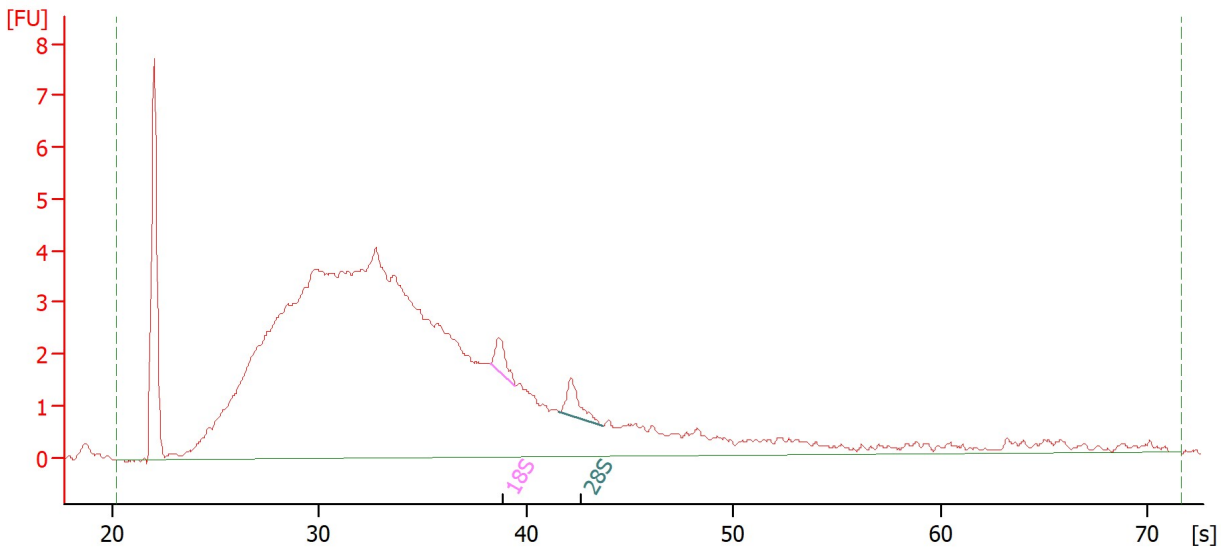
RNA Area:	105.0	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	767 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-19 [Bisulfite Converted DNA]



Overall Results for sample 3 : NS190-19

RNA Area:	147.6	RNA Integrity Number (RIN):	2.8 (B.02.10)
RNA Concentration:	1,077 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 2.80

Fragment table for sample 3 : NS190-19

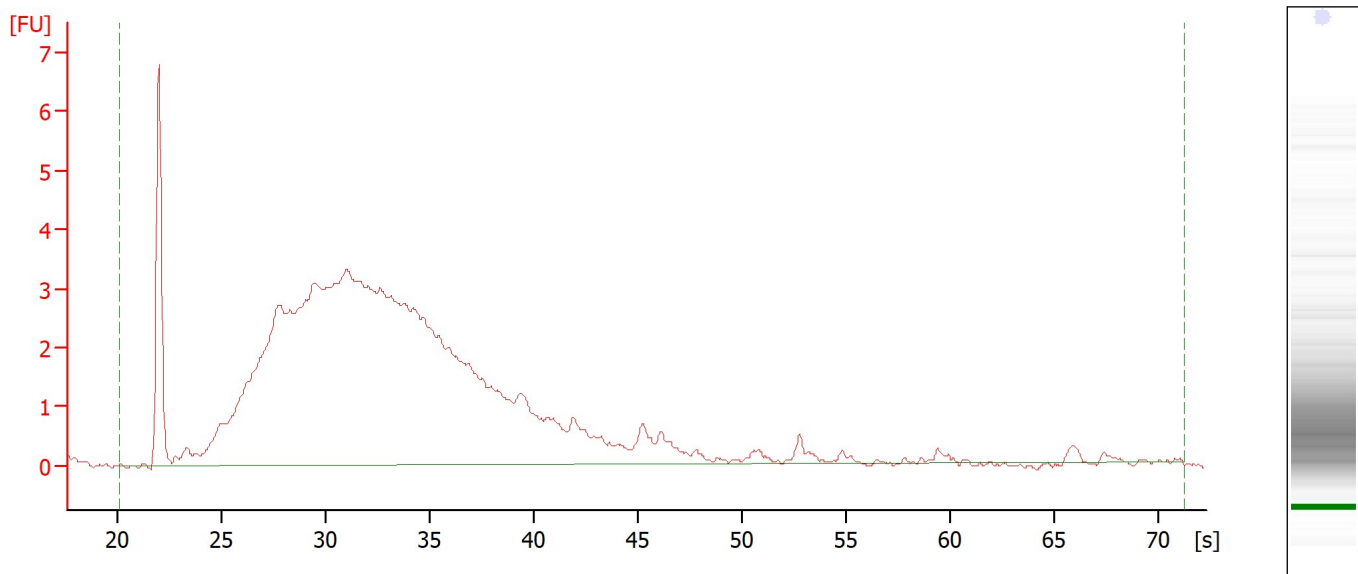
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.29	39.49	1.0	0.7
28S	41.61	43.69	1.2	0.8

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-20 [Bisulfite Converted DNA]



Overall Results for sample 4 : NS190-20

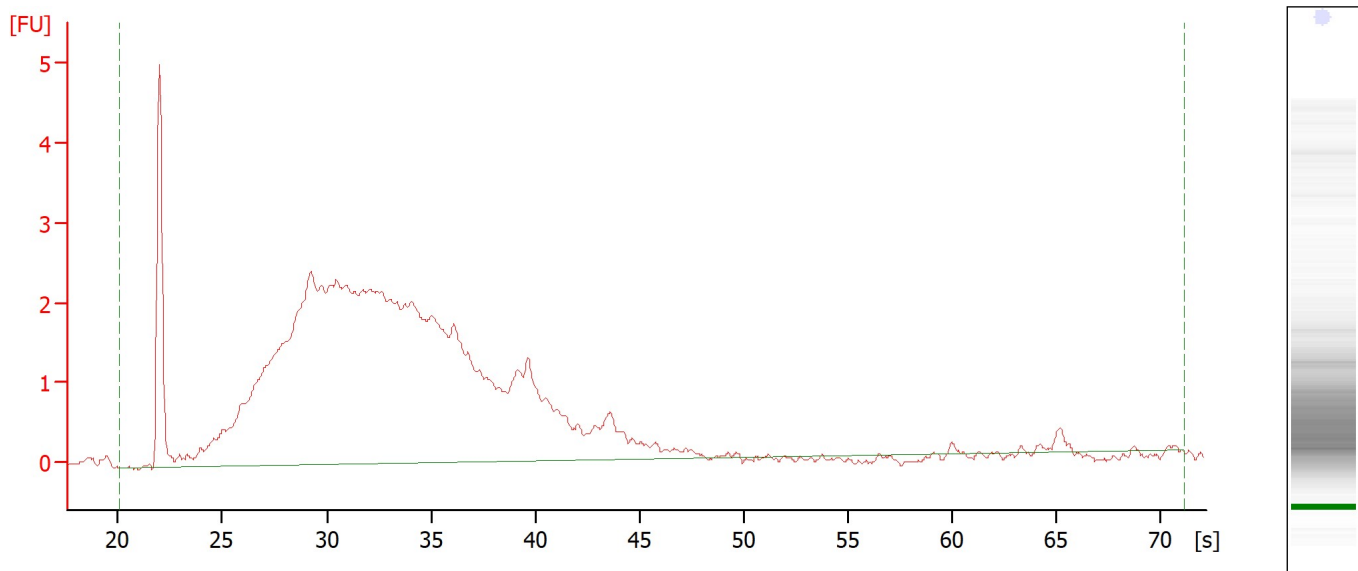
RNA Area:	116.3	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	849 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-21 [Bisulfite Converted DNA]



Overall Results for sample 5 : NS190-21

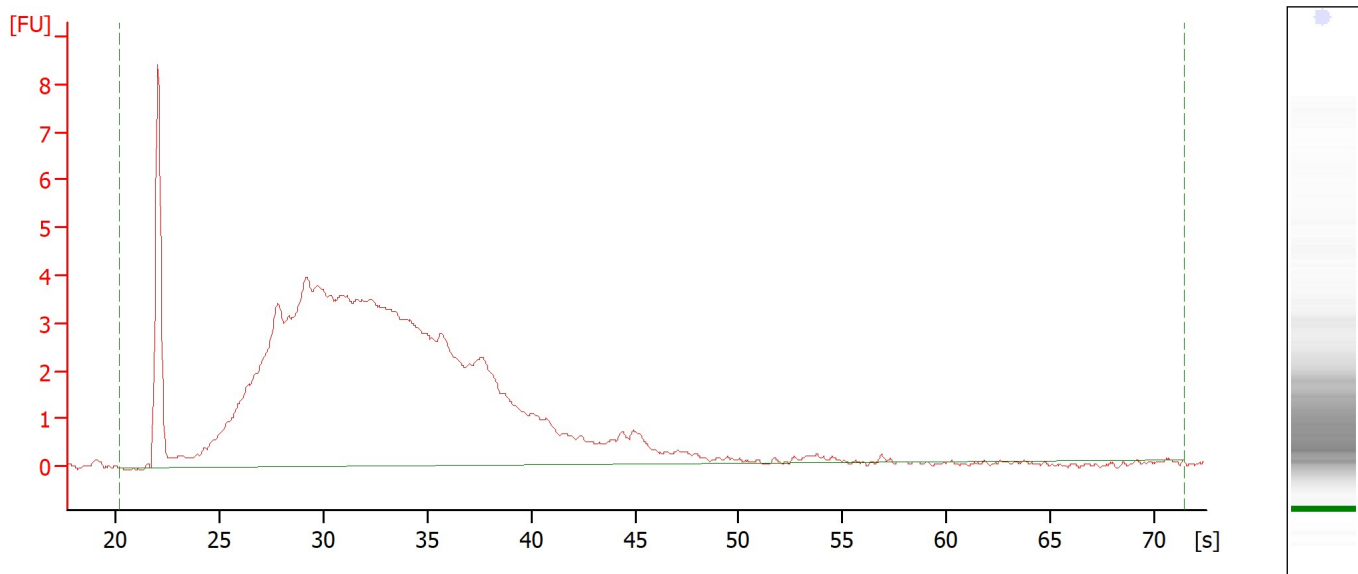
RNA Area:	83.4	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	609 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-22 [Bisulfite Converted DNA]



Overall Results for sample 6 : NS190-22

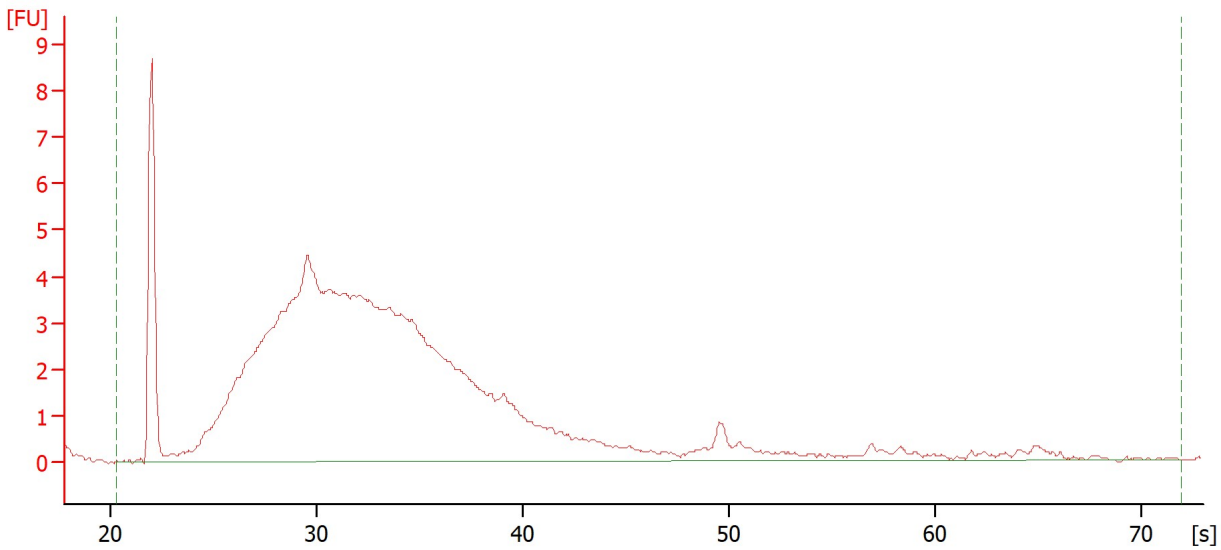
RNA Area:	137.8	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	1,005 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-23 [Bisulfite Converted DNA]



Overall Results for sample 7 : NS190-23

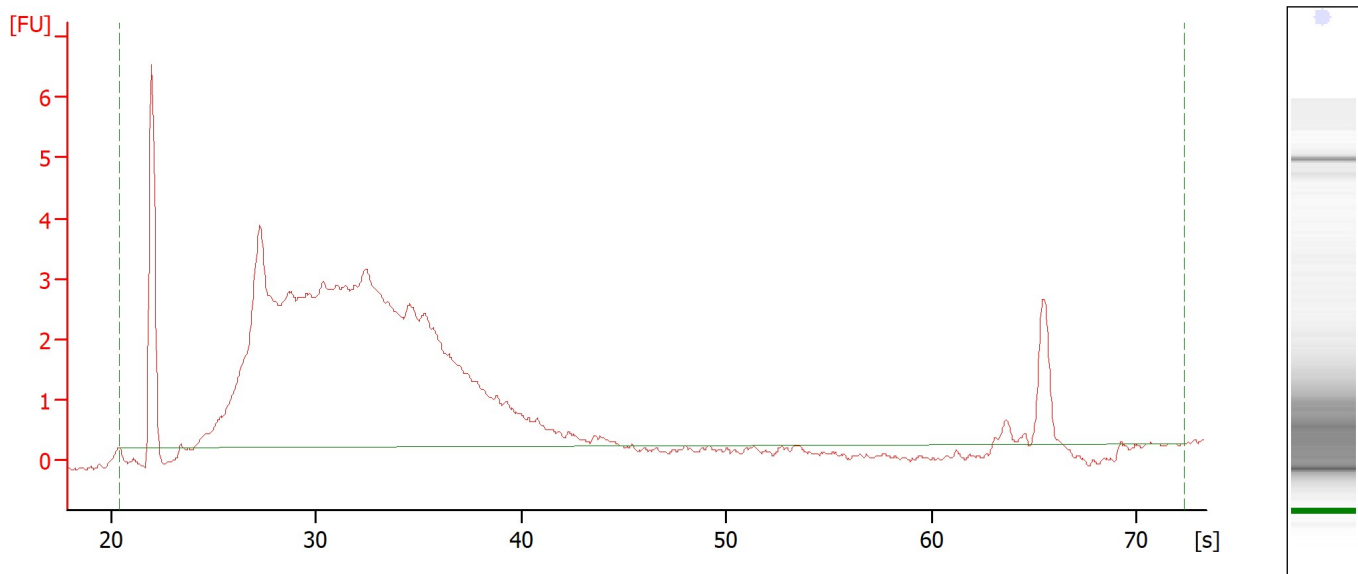
RNA Area:	140.4	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	1,025 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-24 [Bisulfite Converted DNA]



Overall Results for sample 8 : NS190-24

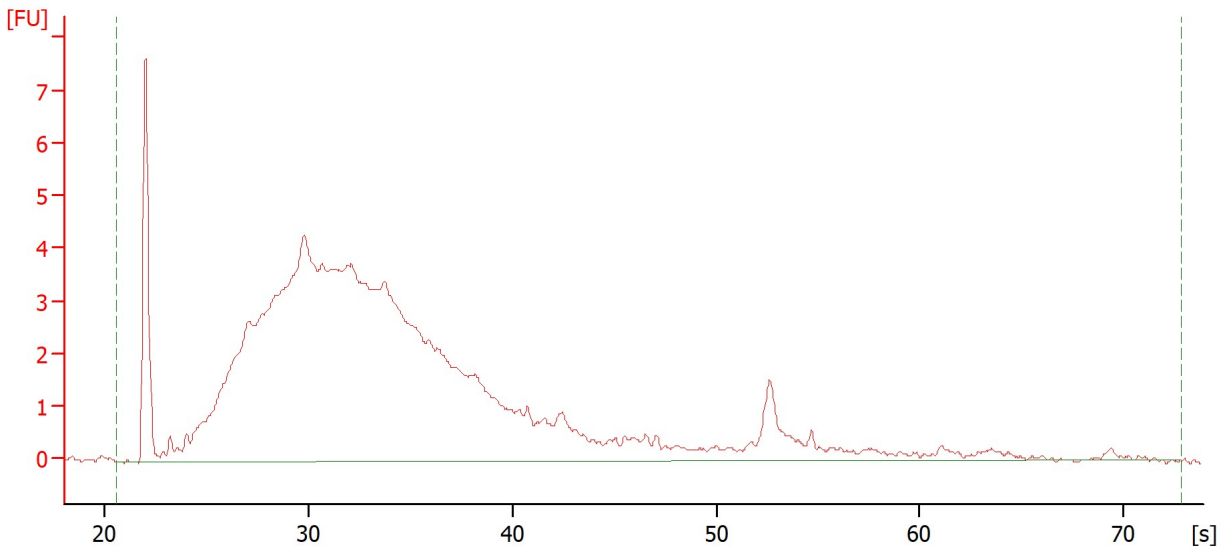
RNA Area:	97.5	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	712 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-25 [Bisulfite Converted DNA]



Overall Results for sample 9 : NS190-25

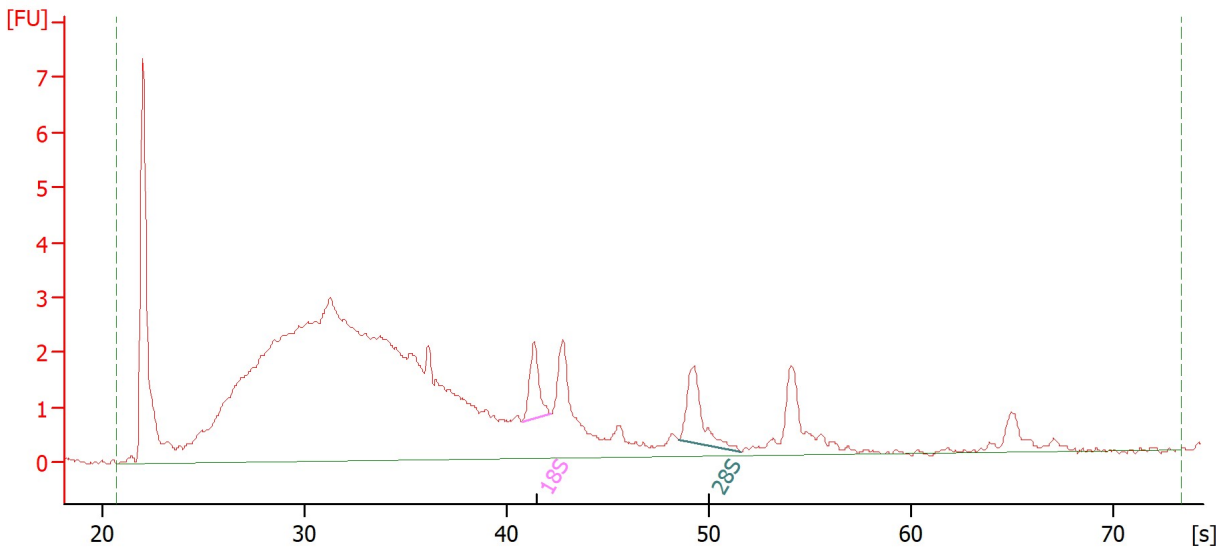
RNA Area:	146.7	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	1,071 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-26 [Bisulfite Converted DNA]



Overall Results for sample 10 : NS190-26

RNA Area:	109.6	RNA Integrity Number (RIN):	4.2 (B.02.10)
RNA Concentration:	800 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 4.20

Fragment table for sample 10 : NS190-26

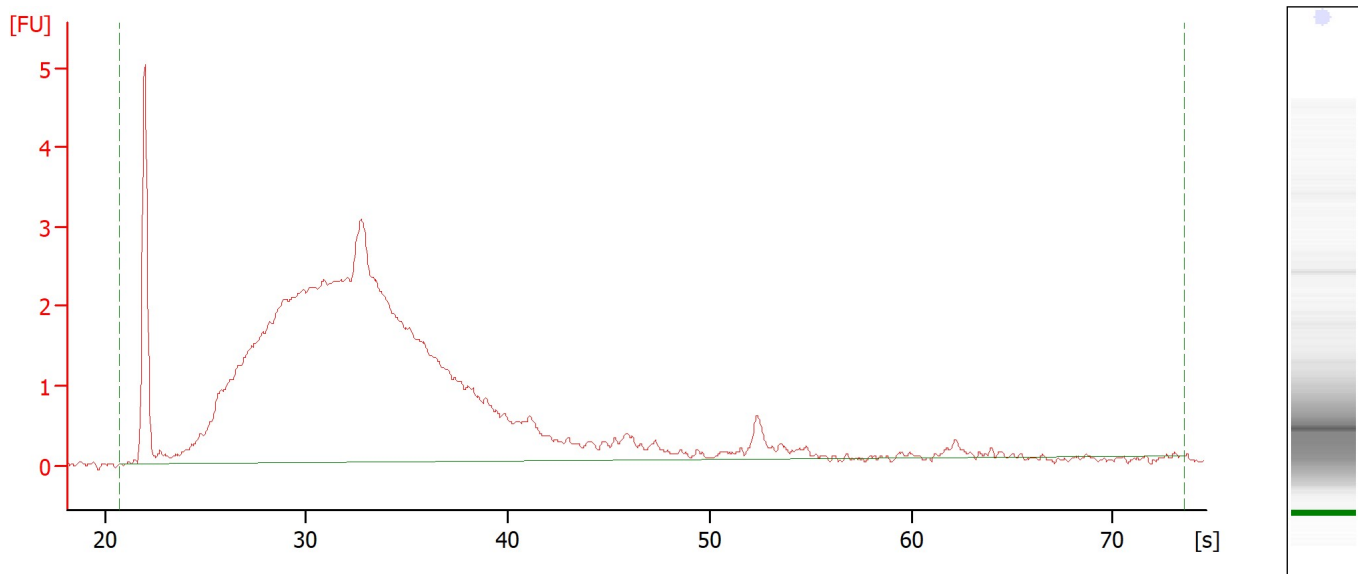
Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.76	42.14	1.8	1.6
28S	48.52	51.60	2.5	2.2

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Electropherogram Summary Continued ...

NS190-27 [Bisulfite Converted DNA]



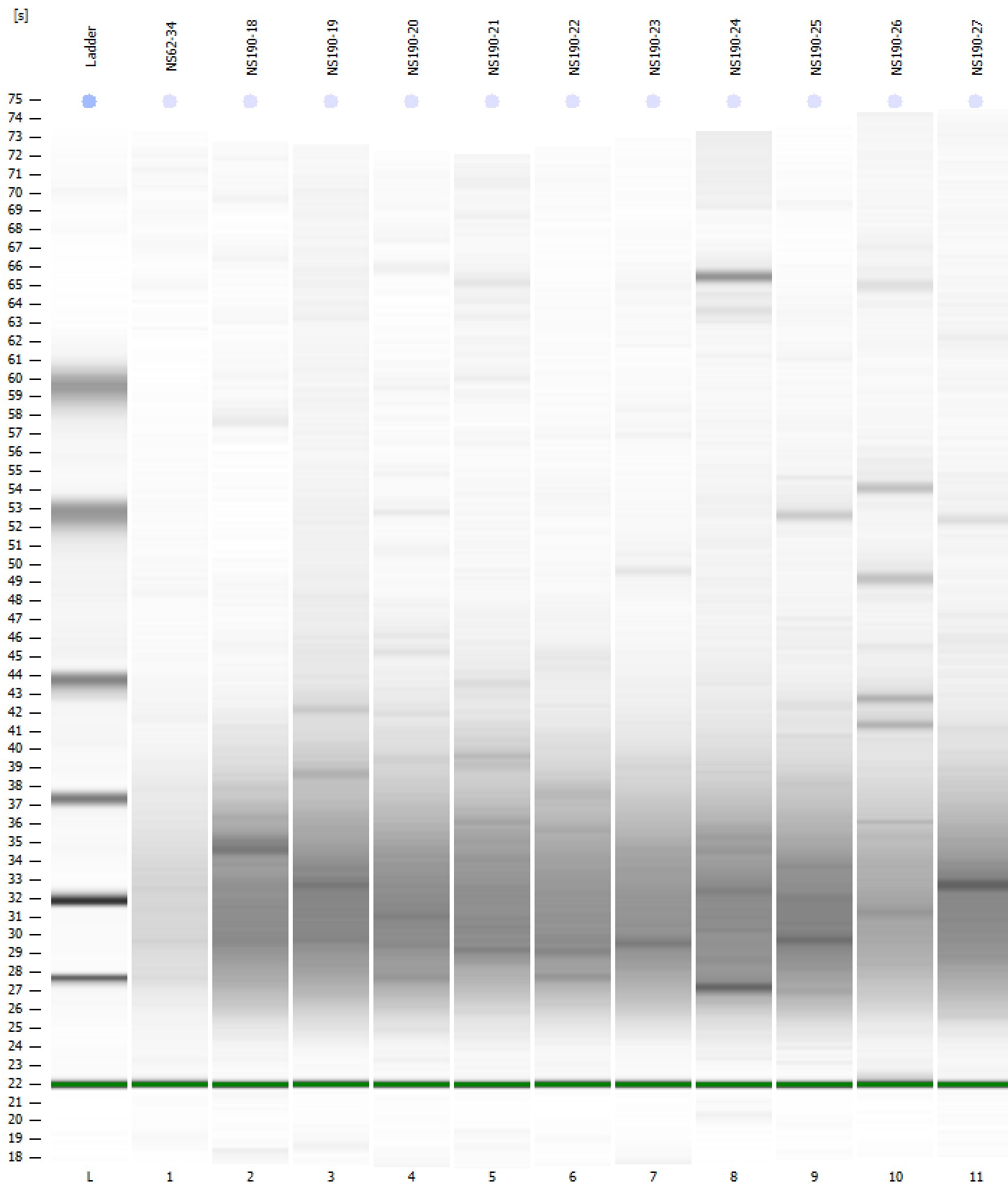
Overall Results for sample 11 : NS190-27

RNA Area:	84.9	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	620 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
Modified: 7/10/2020 5:18:26 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...10\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-10_001.xad

Created: 7/10/2020 4:55:30 PM
 Modified: 7/10/2020 5:18:26 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		7/10/2020 5:18:24 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-07-10\Bioanalyze r1_Eukaryote Total RNA Pico_2020-07-10_001.xad)		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		7/10/2020 4:55:36 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB