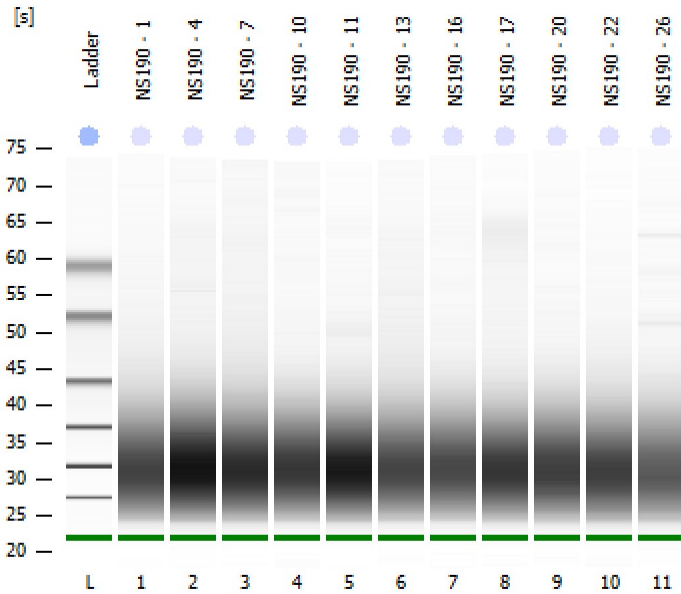


Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electrophoresis File Run Summary



Instrument Information:

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

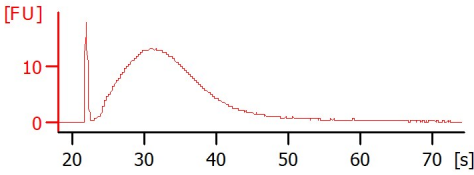
Assay Information:

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.

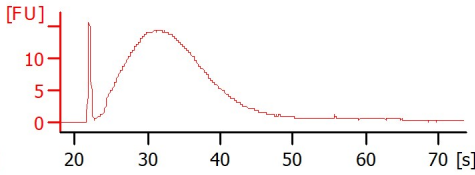
Chip Information:

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

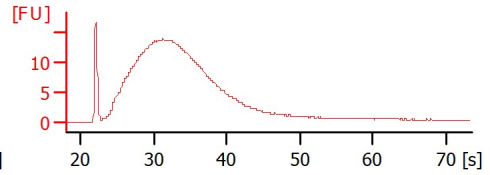
NS190 - 1
BC DNA 100ng input
RIN: 2.10



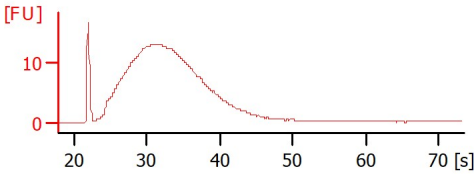
NS190 - 4
BC DNA 100ng input
RIN:2



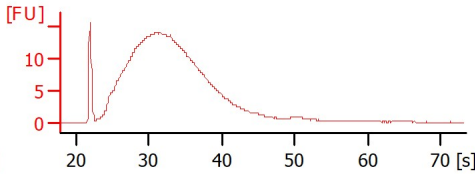
NS190 - 7
BC DNA 100ng input
RIN:2



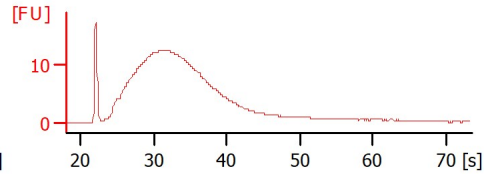
NS190 - 10
BC DNA 100ng input
RIN:2



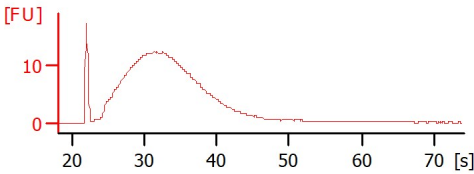
NS190 - 11
BC DNA 100ng input
RIN:2



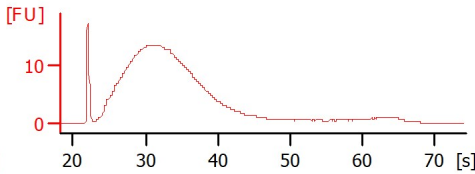
NS190 - 13
BC DNA 100ng input
RIN: 2.10



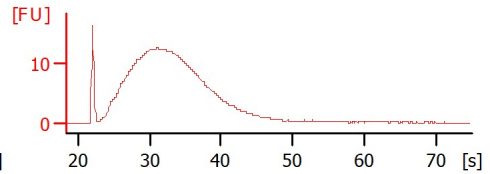
NS190 - 16
BC DNA 100ng input
RIN: 2.10



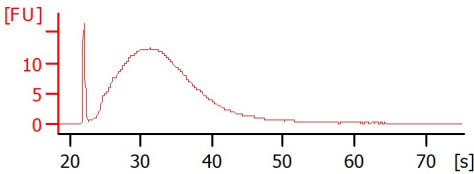
NS190 - 17
BC DNA 100ng input
RIN:2



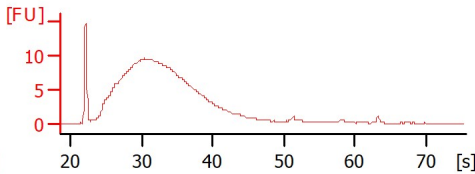
NS190 - 20
BC DNA 100ng input
RIN:2



NS190 - 22
BC DNA 100ng input
RIN: 2.10



NS190 - 26
BC DNA 100ng input
RIN: 2.10



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
 Modified: 7/14/2020 6:54:07 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
NS190 - 1	BC DNA 100ng input	✓	RIN: 2.10	
NS190 - 4	BC DNA 100ng input	✓	RIN:2	
NS190 - 7	BC DNA 100ng input	✓	RIN:2	
NS190 - 10	BC DNA 100ng input	✓	RIN:2	
NS190 - 11	BC DNA 100ng input	✓	RIN:2	
NS190 - 13	BC DNA 100ng input	✓	RIN: 2.10	
NS190 - 16	BC DNA 100ng input	✓	RIN: 2.10	
NS190 - 17	BC DNA 100ng input	✓	RIN:2	
NS190 - 20	BC DNA 100ng input	✓	RIN:2	
NS190 - 22	BC DNA 100ng input	✓	RIN: 2.10	
NS190 - 26	BC DNA 100ng input	✓	RIN: 2.10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
 Modified: 7/14/2020 6:54:07 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

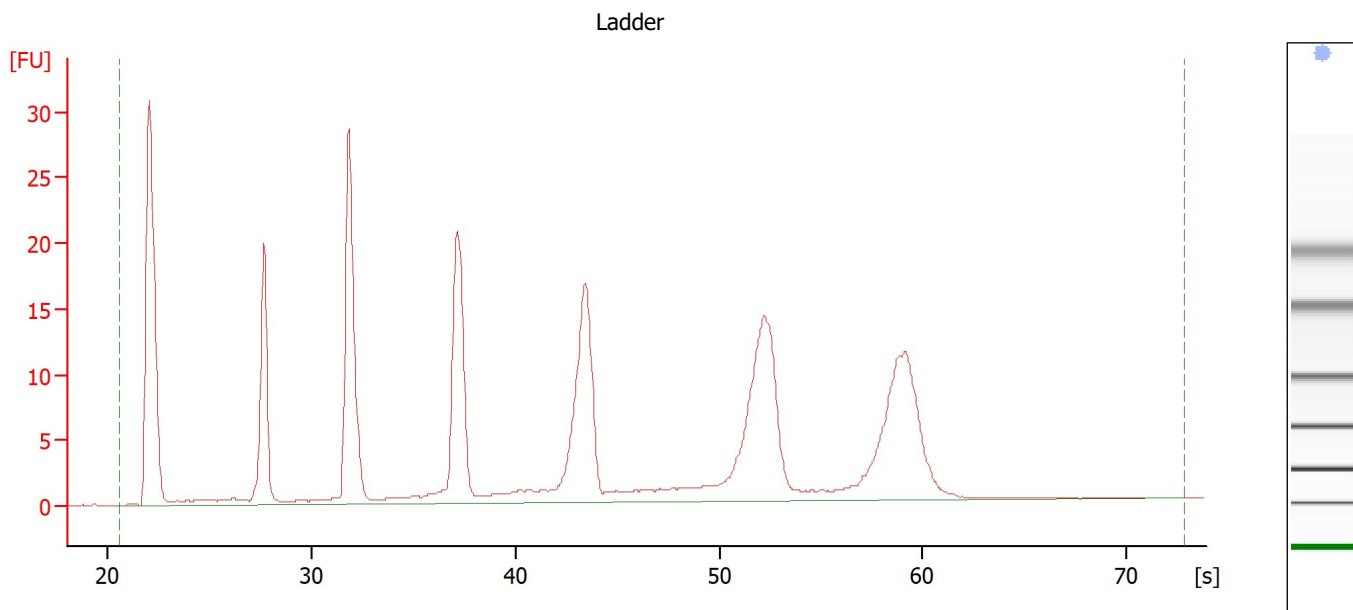
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary



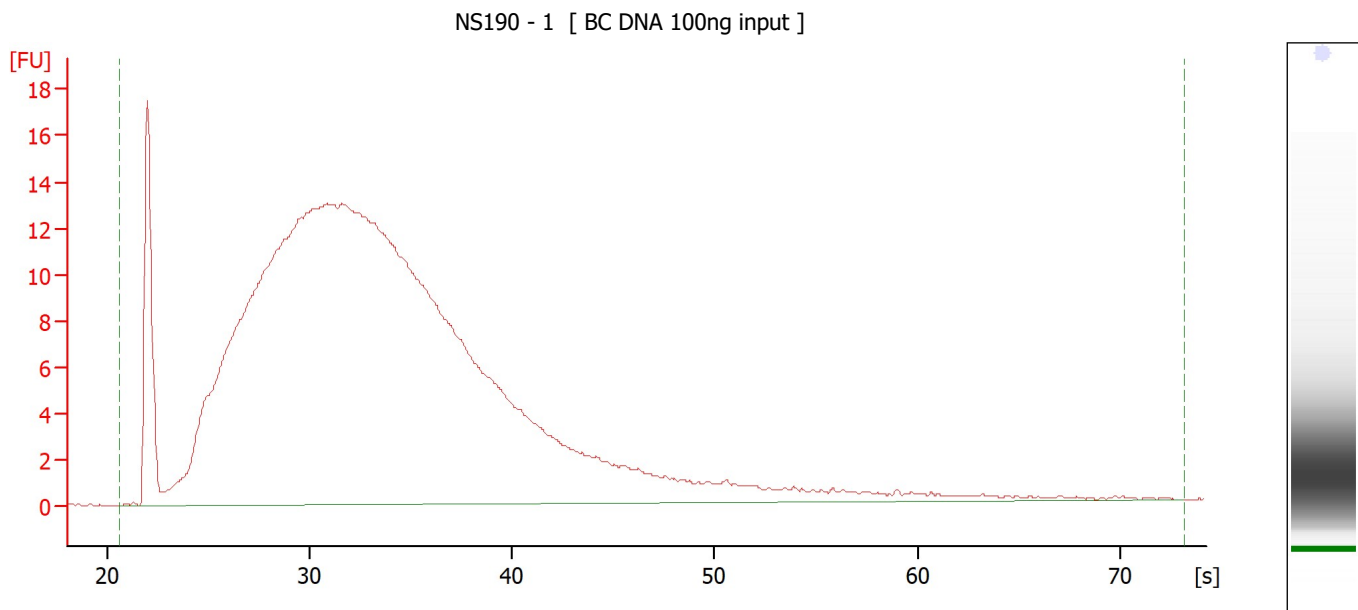
Overall Results for Ladder

RNA Area:	267.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
 Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NS190 - 1

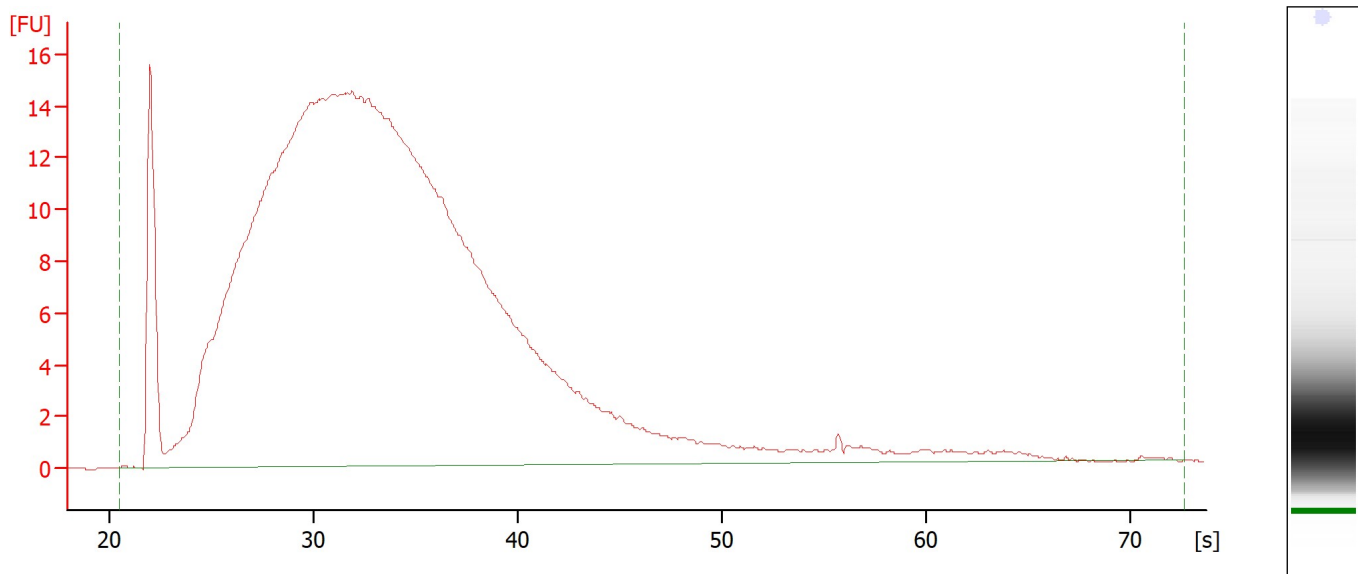
RNA Area:	526.2	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	1,969 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 4 [BC DNA 100ng input]



Overall Results for sample 2 : NS190 - 4

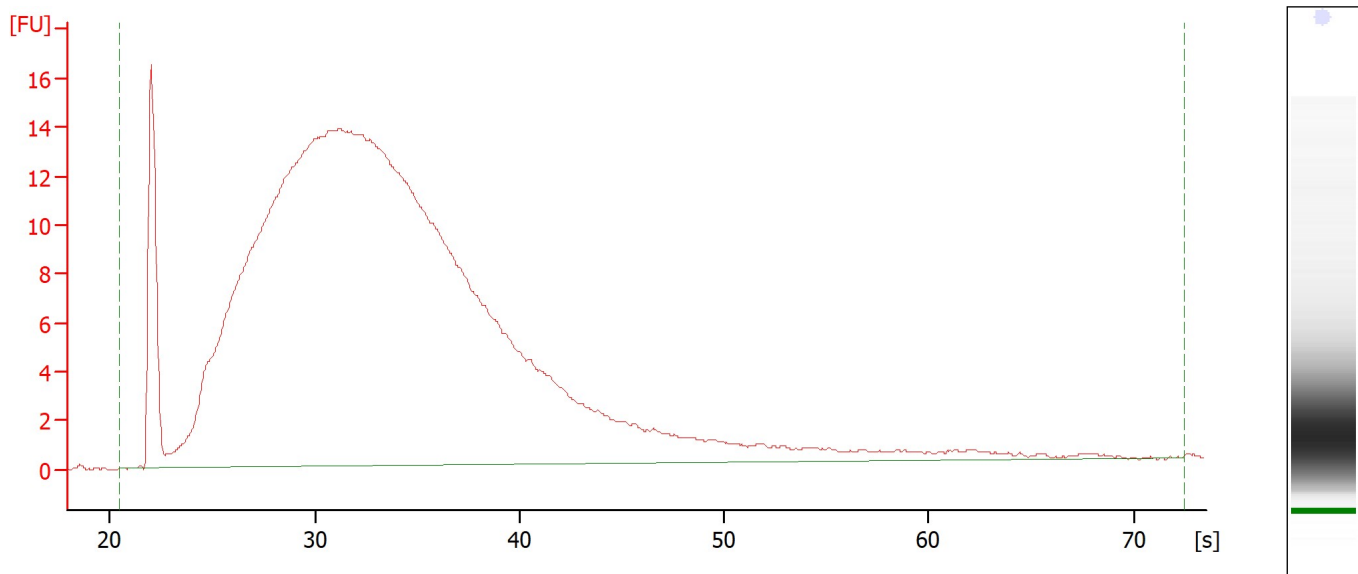
RNA Area:	593.6	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	2,221 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 7 [BC DNA 100ng input]



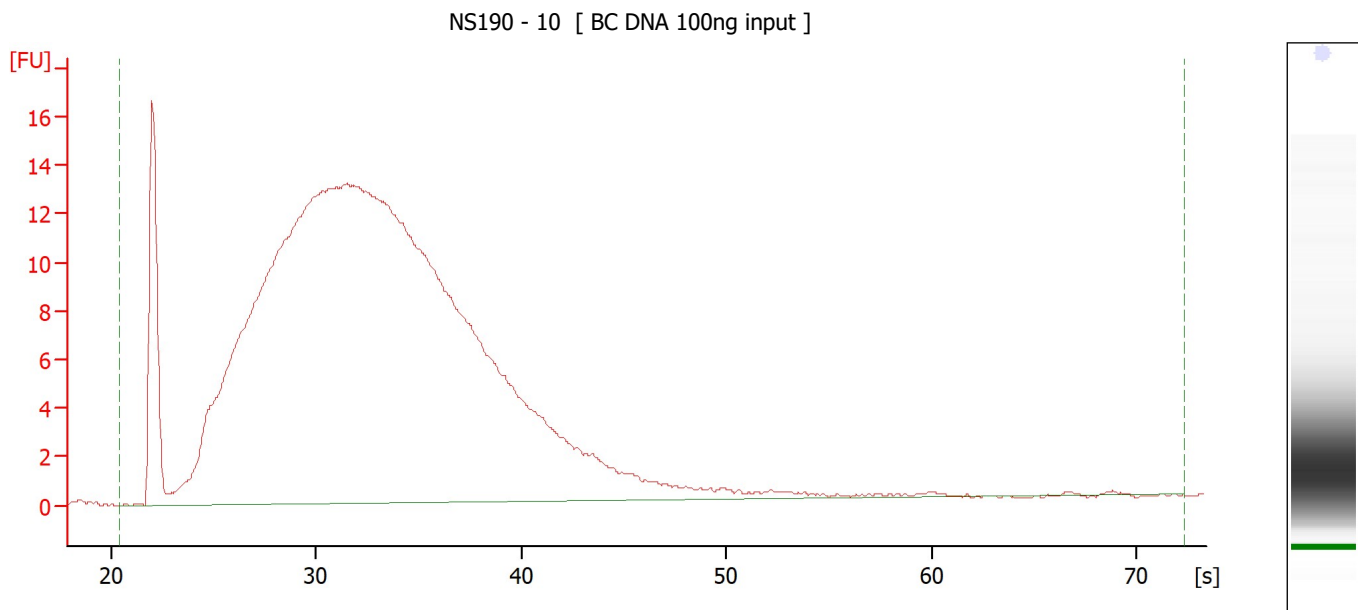
Overall Results for sample 3 : NS190 - 7

RNA Area:	553.2	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	2,070 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NS190 - 10

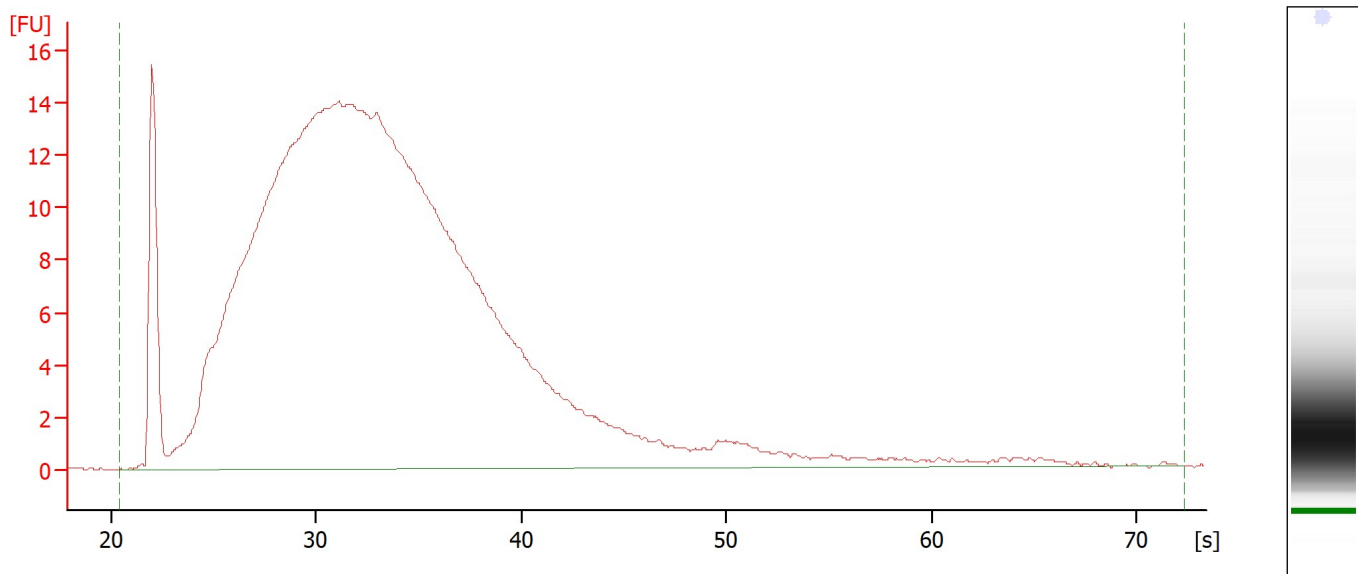
RNA Area:	506.8	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	1,897 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 11 [BC DNA 100ng input]



Overall Results for sample 5 : NS190 - 11

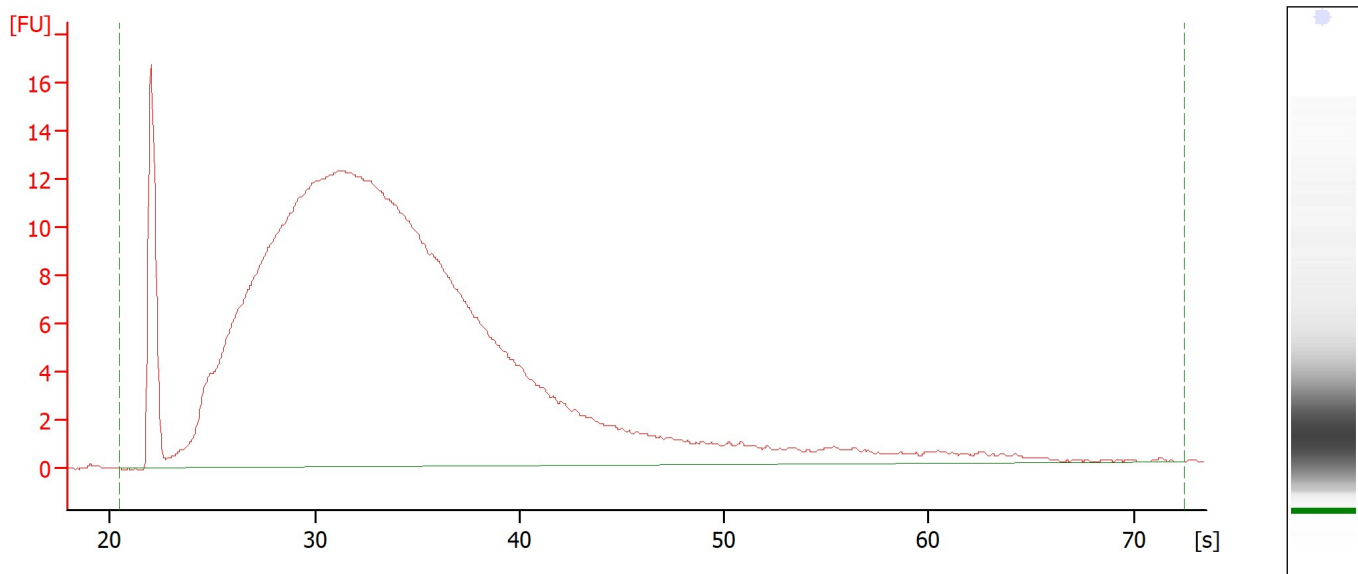
RNA Area:	550.6	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	2,061 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 13 [BC DNA 100ng input]



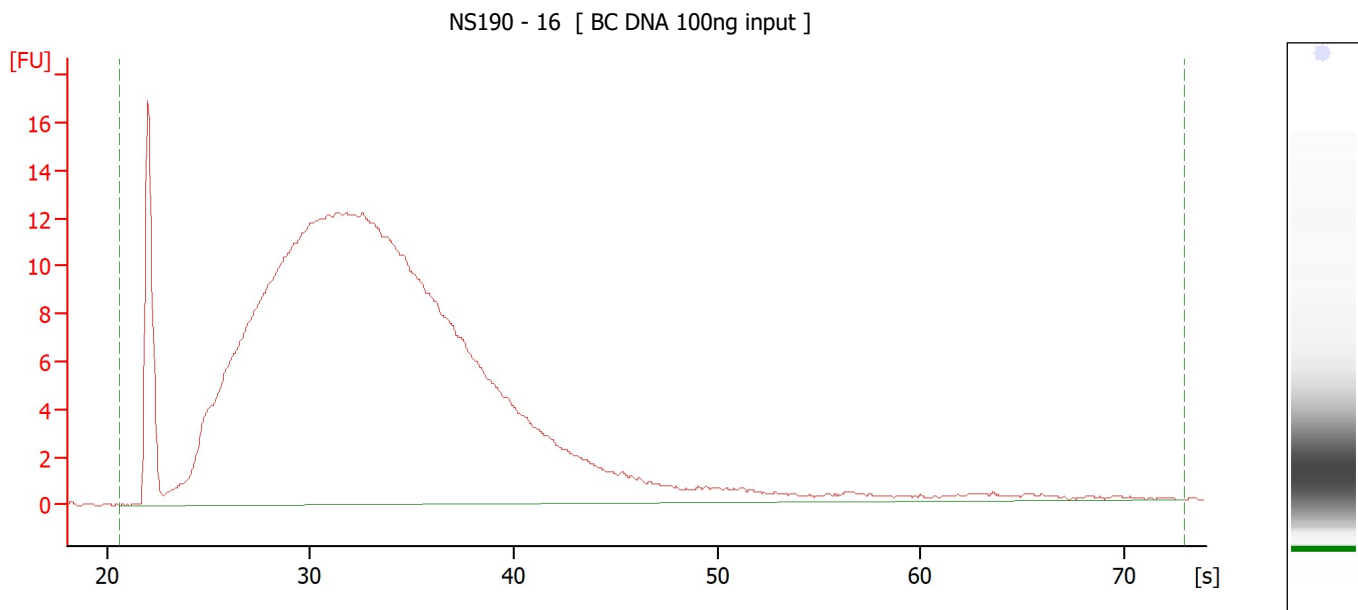
Overall Results for sample 6 : NS190 - 13

RNA Area:	489.9	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	1,833 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
 Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : NS190 - 16

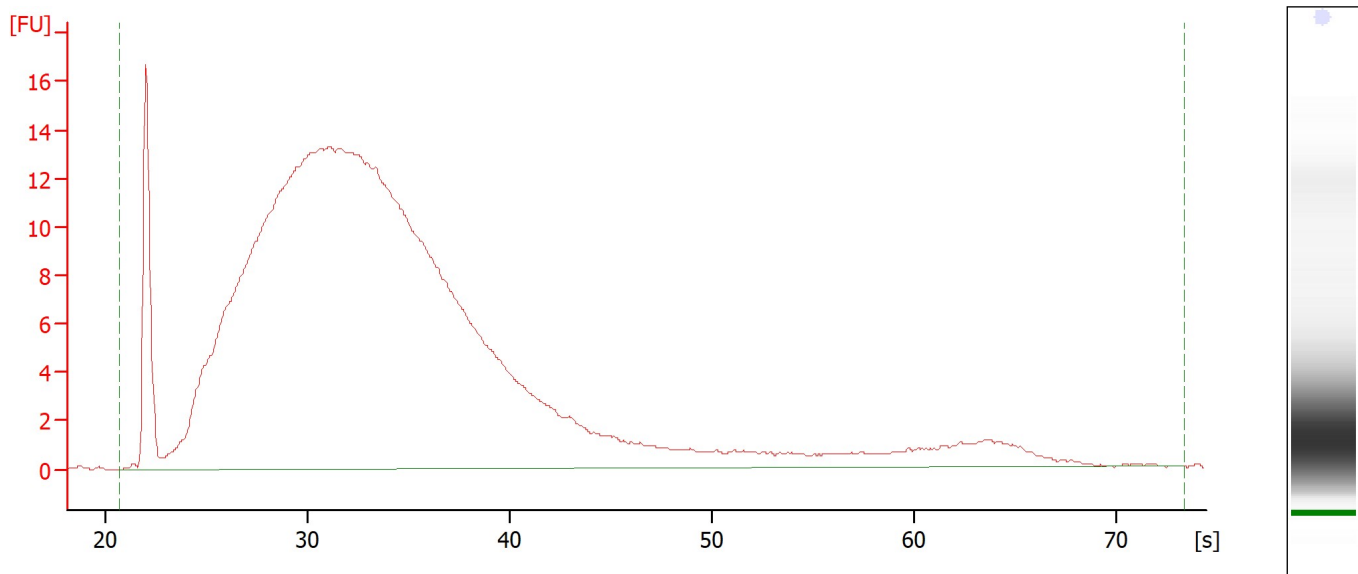
RNA Area:	478.6	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	1,791 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 17 [BC DNA 100ng input]



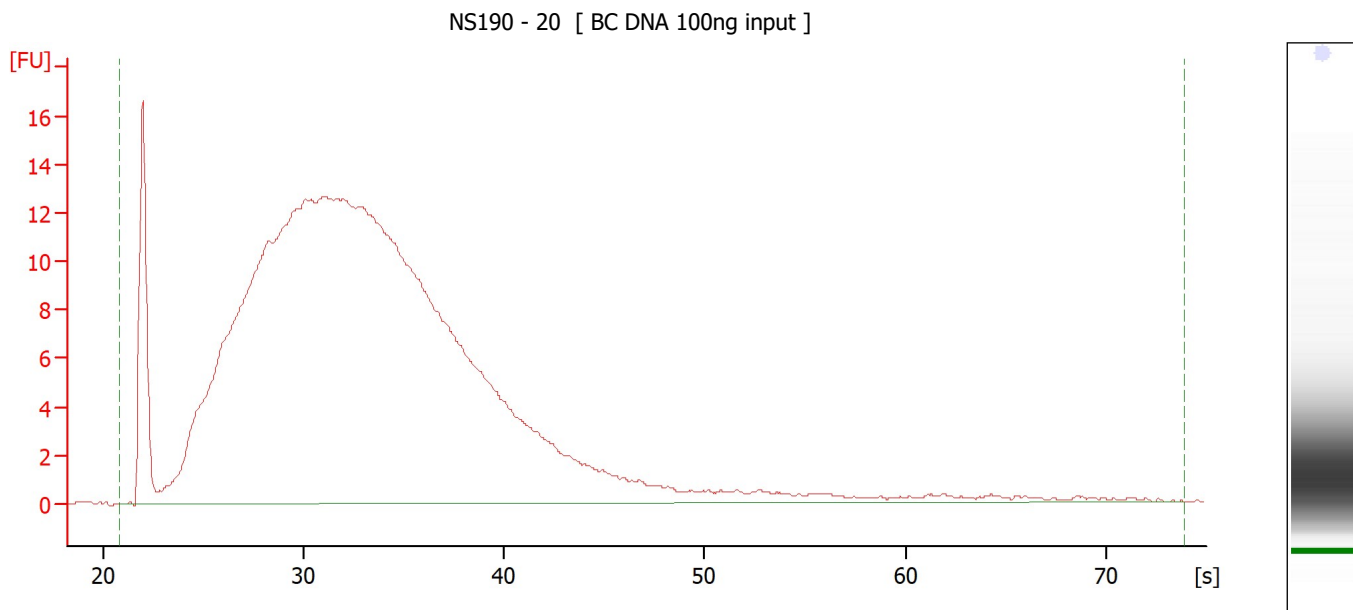
Overall Results for sample 8 : NS190 - 17

RNA Area:	523.6	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	1,959 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
 Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : NS190 - 20

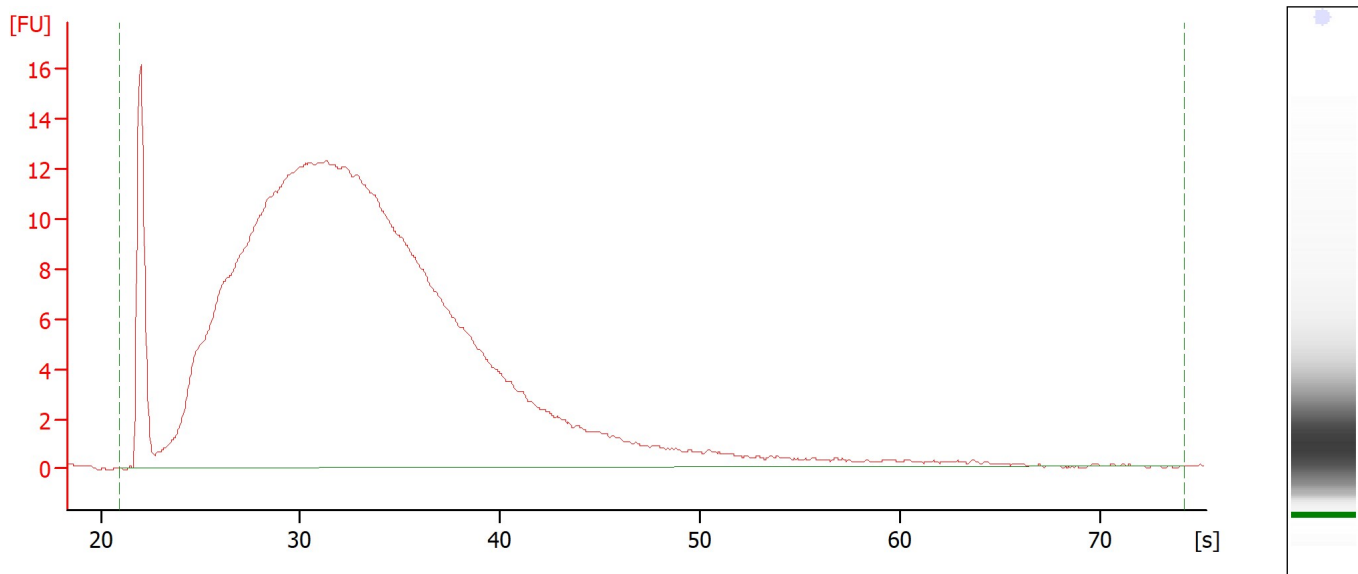
RNA Area:	506.3	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	1,895 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 22 [BC DNA 100ng input]



Overall Results for sample 10 : NS190 - 22

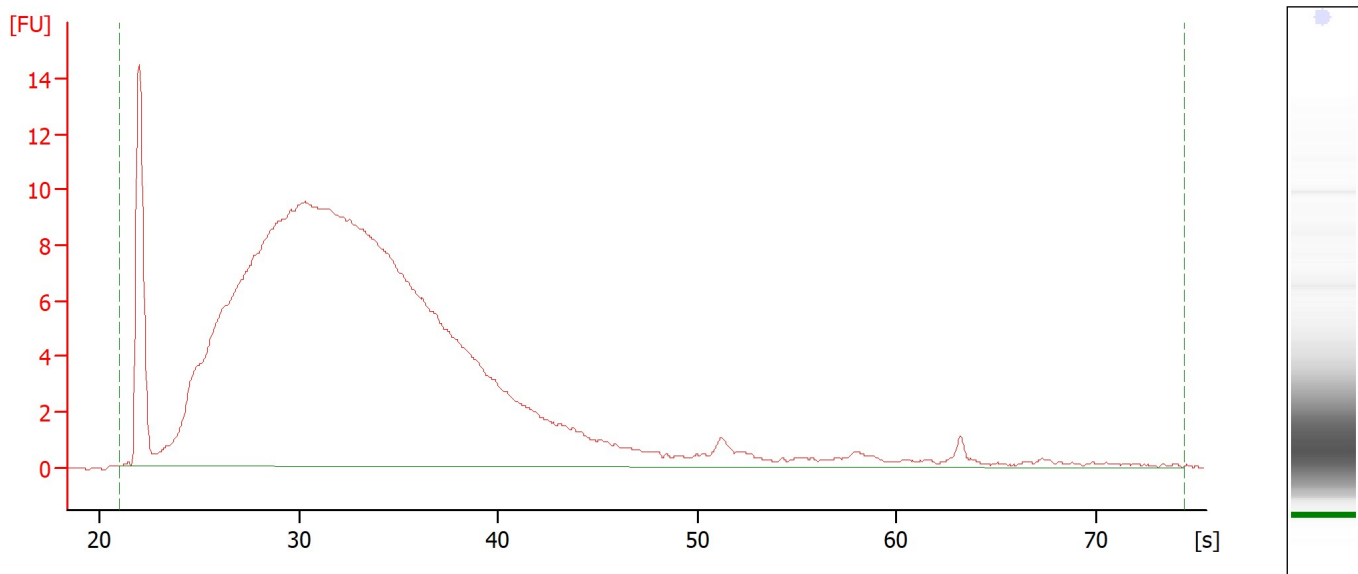
RNA Area:	487.1	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	1,823 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Electropherogram Summary Continued ...

NS190 - 26 [BC DNA 100ng input]



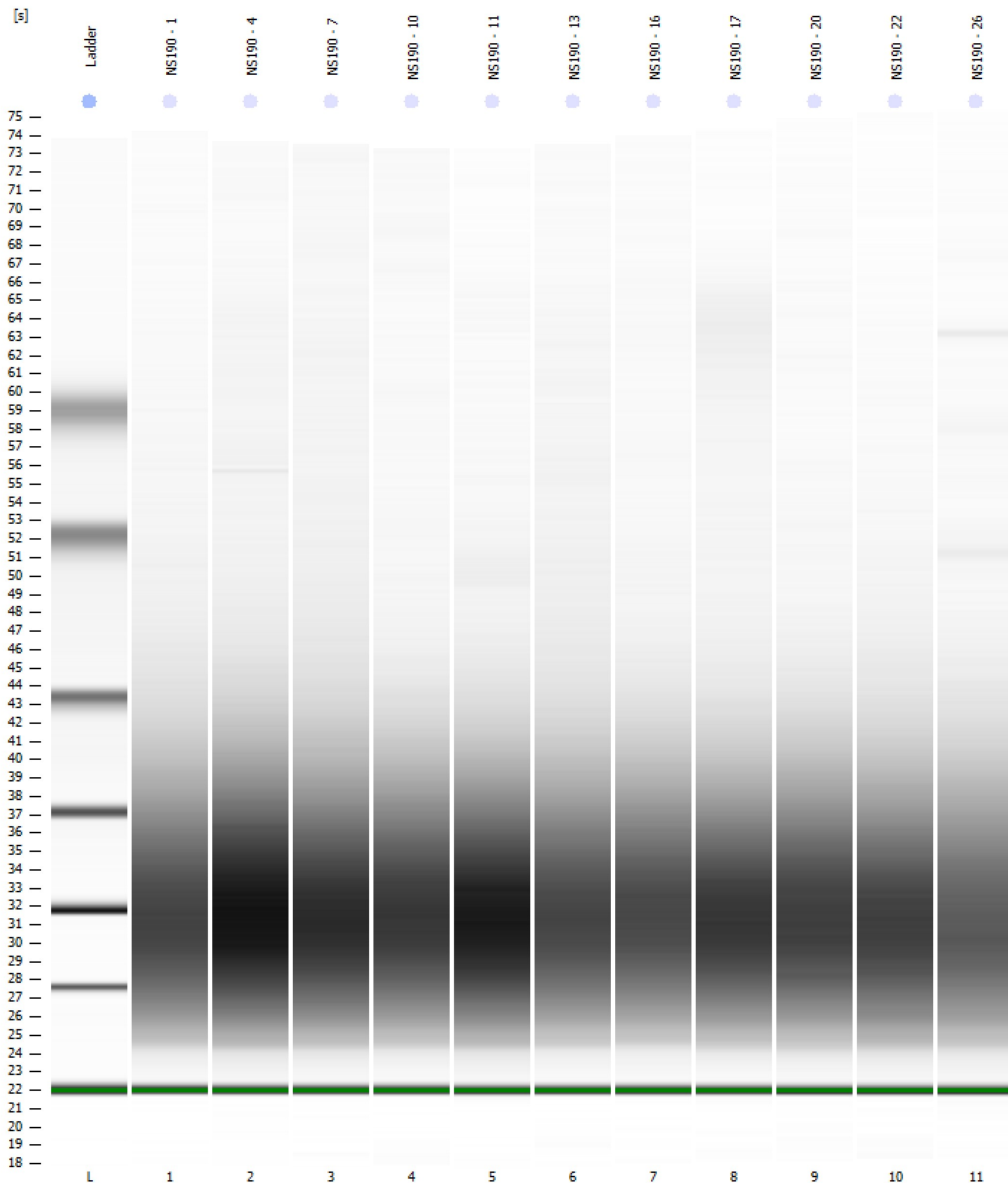
Overall Results for sample 11 : NS190 - 26

RNA Area:	379.3	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	1,420 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
Modified: 7/14/2020 6:54:07 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\...14\Bioanalyzer1_Eukaryote Total RNA Pico_2020-07-14_001.xad

Created: 7/14/2020 6:31:08 PM
 Modified: 7/14/2020 6:54:07 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		7/14/2020 6:54:04 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-07-14\Bioanalyze r1_Eukaryote Total RNA Pico_2020-07-14_001.xad)		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		7/14/2020 6:31:14 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB