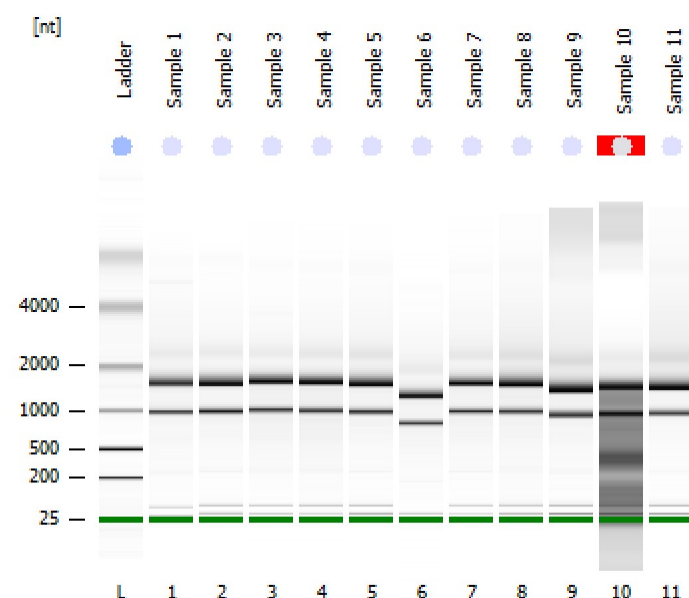


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
Modified: 5/31/2019 12:23:47 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701162 Firmware: C.01.069
Serial#: DE13701162 Type: G2938B

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)

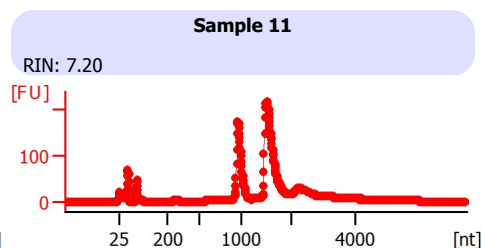
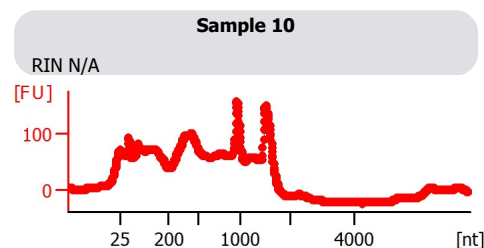
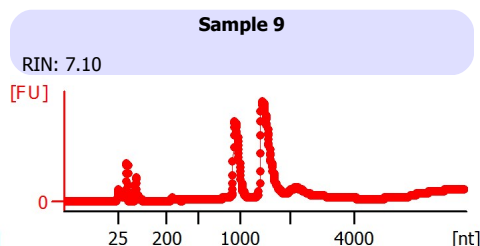
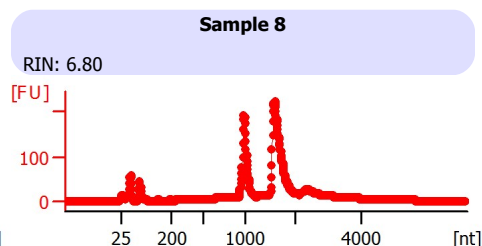
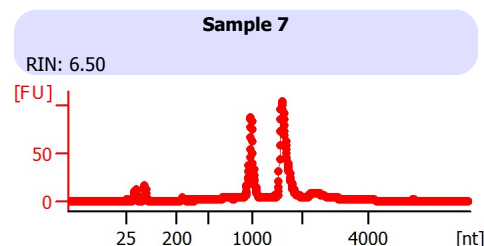
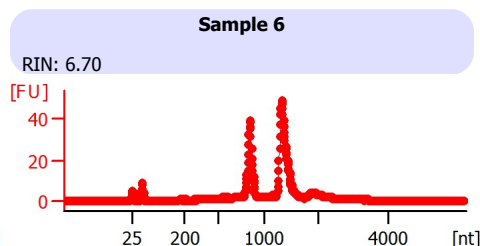
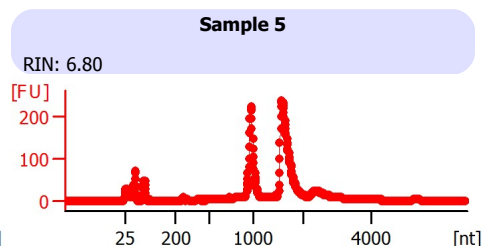
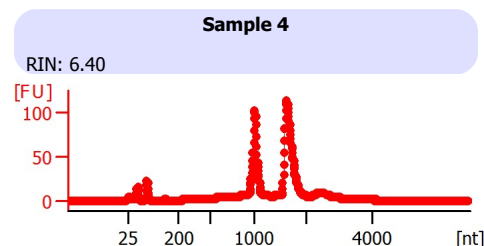
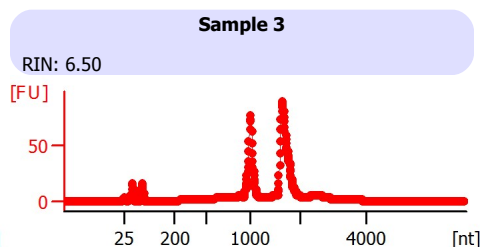
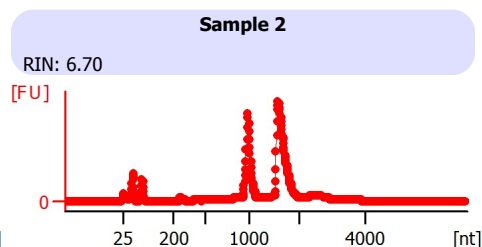
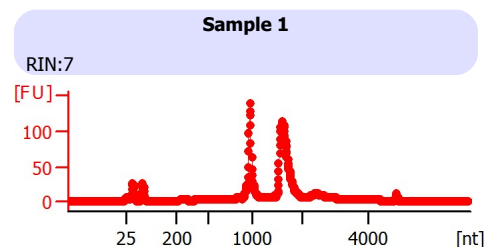
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
Modified: 5/31/2019 12:23:47 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN:7	
Sample 2		✓	RIN: 6.70	
Sample 3		✓	RIN: 6.50	
Sample 4		✓	RIN: 6.40	
Sample 5		✓	RIN: 6.80	
Sample 6		✓	RIN: 6.70	
Sample 7		✓	RIN: 6.50	
Sample 8		✓	RIN: 6.80	
Sample 9		✓	RIN: 7.10	
Sample 10		✓	RIN N/A	
Sample 11		✓	RIN: 7.20	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
Modified: 5/31/2019 12:23:47 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/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 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

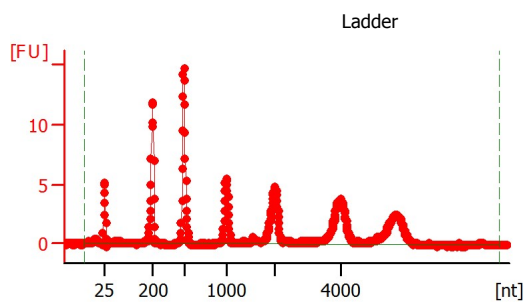
Ladder

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

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

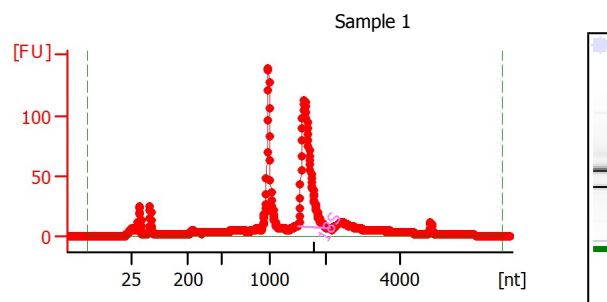
Created: 5/31/2019 11:42:41 AM
 Modified: 5/31/2019 12:23:47 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 86.7
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

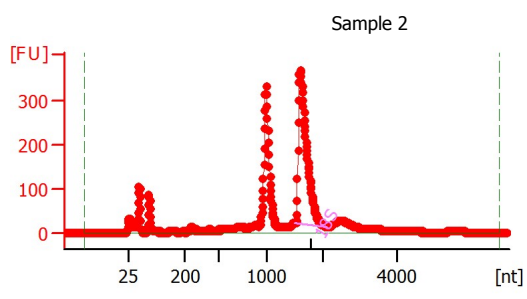


Overall Results for sample 1 : Sample 1

RNA Area: 864.1
 RNA Concentration: 9,972 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 7 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 7

Fragment table for sample 1 : Sample 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,489	2,127	276.8	32.0

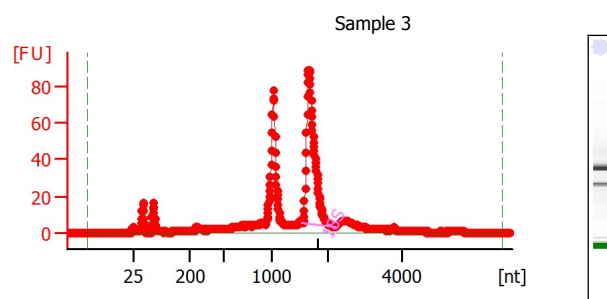


Overall Results for sample 2 : Sample 2

RNA Area: 2,508.4
 RNA Concentration: 28,948 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.7 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.70

Fragment table for sample 2 : Sample 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,504	2,127	864.4	34.5



Overall Results for sample 3 : Sample 3

RNA Area: 581.3
 RNA Concentration: 6,708 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.5 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.50

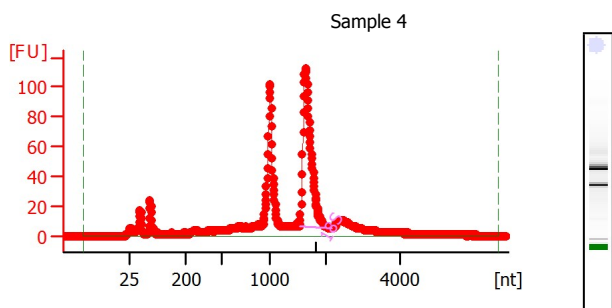
Fragment table for sample 3 : Sample 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,538	2,173	195.8	33.7

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
 Modified: 5/31/2019 12:23:47 PM

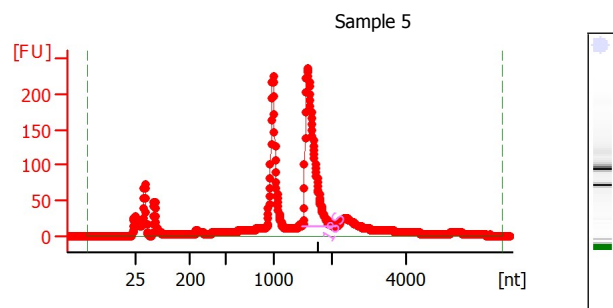
Electropherogram Summary Continued ...



Overall Results for sample 4 : Sample 4
 RNA Area: 801.6
 RNA Concentration: 9,250 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.4 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.40

Fragment table for sample 4 : Sample 4

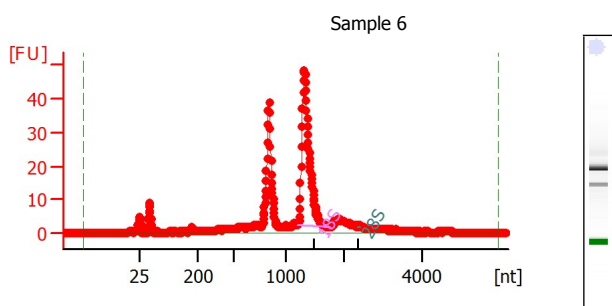
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,519	2,152	252.1	31.4



Overall Results for sample 5 : Sample 5
 RNA Area: 1,663.4
 RNA Concentration: 19,196 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.8 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.80

Fragment table for sample 5 : Sample 5

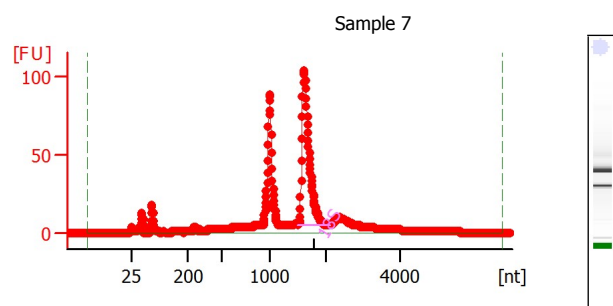
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,490	2,119	572.3	34.4



Overall Results for sample 6 : Sample 6
 RNA Area: 278.9
 RNA Concentration: 3,218 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.7 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.70

Fragment table for sample 6 : Sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,207	1,750	101.5	36.4
28S	2,335	2,432	0.1	0.0



Overall Results for sample 7 : Sample 7
 RNA Area: 631.2
 RNA Concentration: 7,284 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.5 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.50

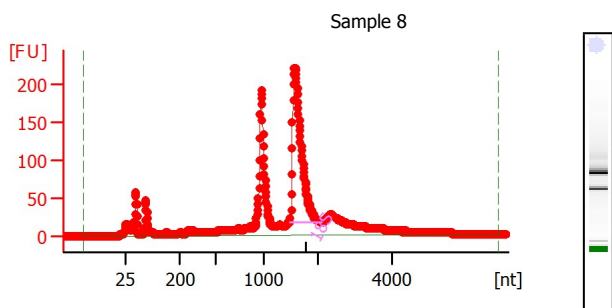
Fragment table for sample 7 : Sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,504	2,092	210.1	33.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
 Modified: 5/31/2019 12:23:47 PM

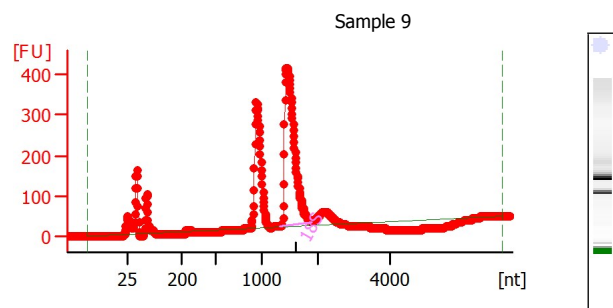
Electropherogram Summary Continued ...



Overall Results for sample 8 : Sample 8
 RNA Area: 1,738.7
 RNA Concentration: 20,065 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 6.8 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 6.80

Fragment table for sample 8 : Sample 8

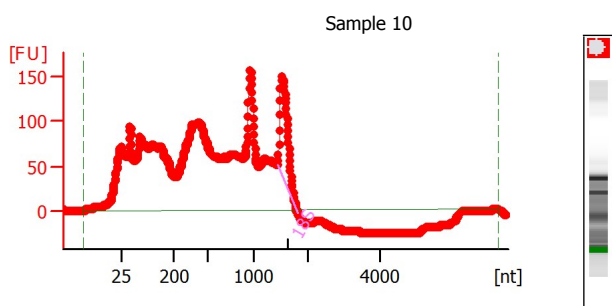
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,488	2,112	534.0	30.7



Overall Results for sample 9 : Sample 9
 RNA Area: 2,327.9
 RNA Concentration: 26,864 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 7.1 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.10

Fragment table for sample 9 : Sample 9

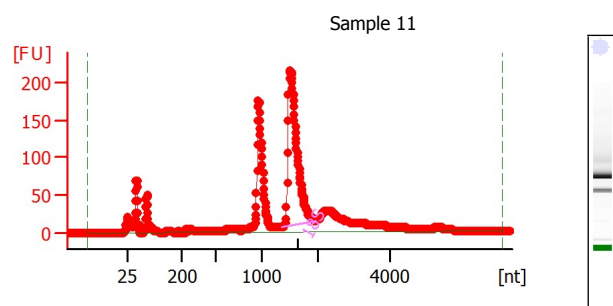
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,309	1,902	1,173.8	50.4



Overall Results for sample 10 : Sample 10
 RNA Area: 4,120.5
 RNA Concentration: 47,551 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 10 : Sample 10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,422	1,804	273.8	6.6



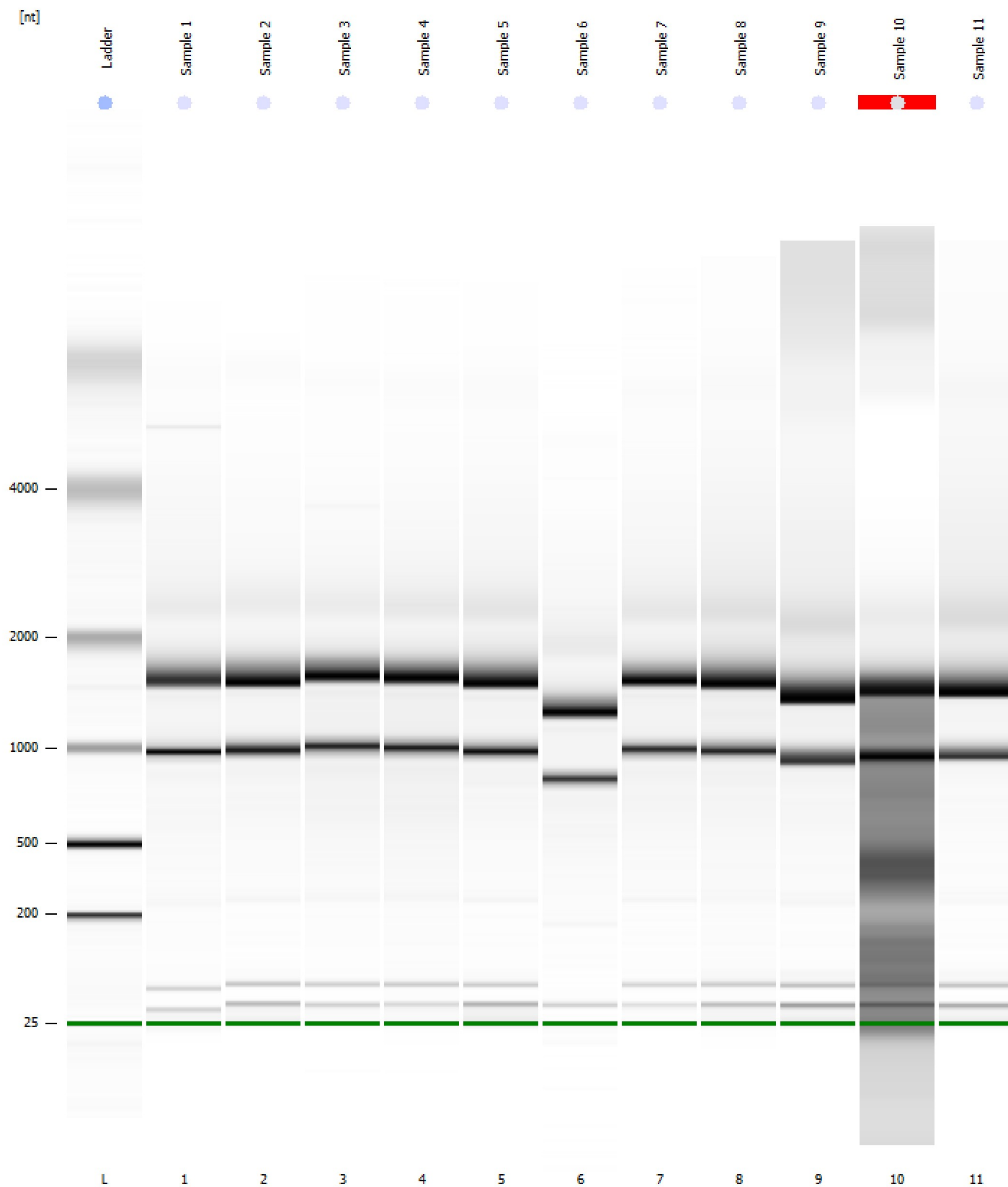
Overall Results for sample 11 : Sample 11
 RNA Area: 1,637.2
 RNA Concentration: 18,893 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 7.2 (B.02.08, Anomaly Threshold(s) manually adapted)
 Result Flagging Color:
 Result Flagging Label: RIN: 7.20

Fragment table for sample 11 : Sample 11

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,363	1,972	566.2	34.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
Modified: 5/31/2019 12:23:47 PM

Gel Image

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...uri\Desktop\Brent\2019-05-31_ribopure half samples 6-12.xad

Created: 5/31/2019 11:42:41 AM
 Modified: 5/31/2019 12:23:47 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		5/31/2019 12:05:32 PM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\Data\2019-05-31\2100 expert_Eukaryote Total RNA Pico_DE13701162_2019-05-31_11-42-41.xad)		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Product Number : G2938B		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Name :		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Vendor : Agilent Technologies		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Serial# : DE13701162		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Firmware : C.01.069		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC
Cartridge : Electrode		Instrument	Run		5/31/2019 11:42:46 AM	(GMT --05:00) Central Standard Time	BD Accuri	BDAccuri-PC