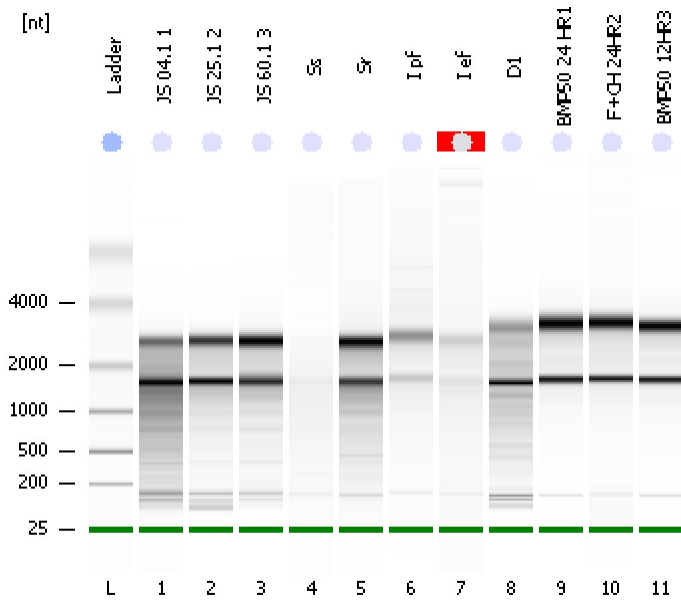


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
 Modified: 3/16/2018 12:26:55 PM

Electrophoresis File Run Summary



Instrument Information:

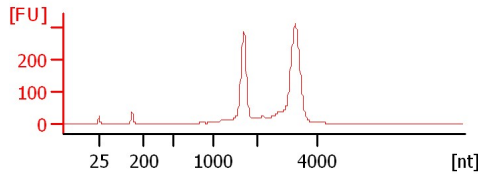
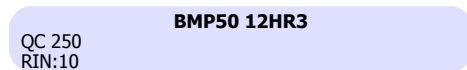
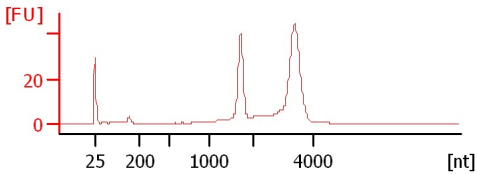
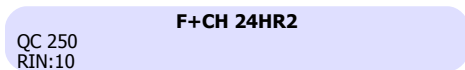
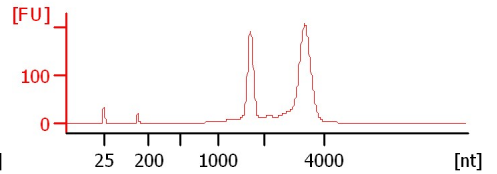
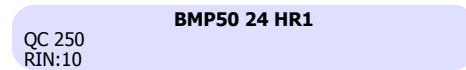
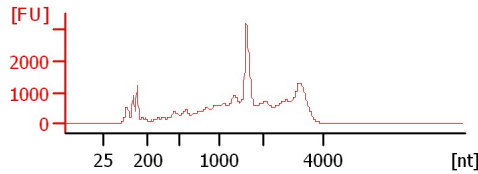
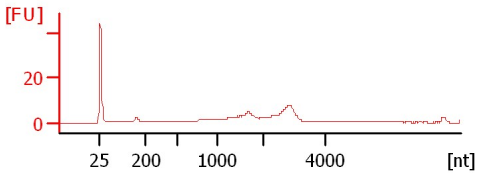
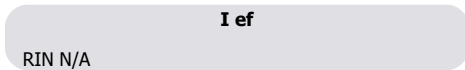
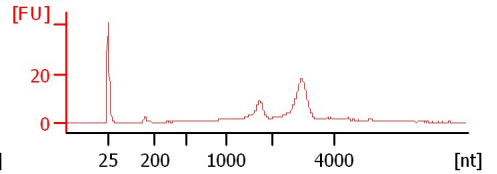
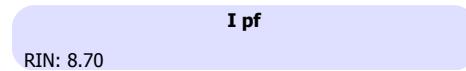
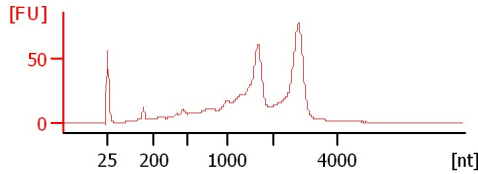
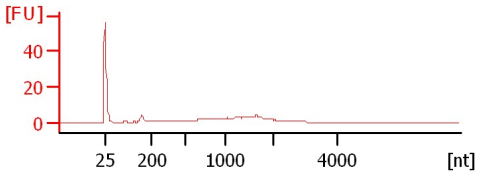
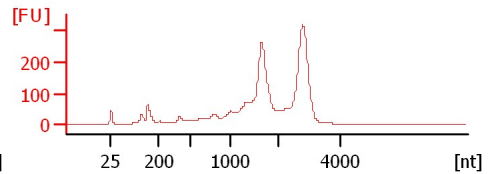
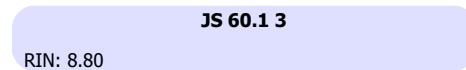
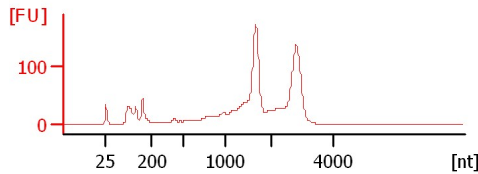
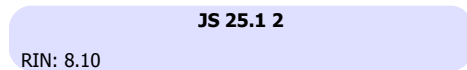
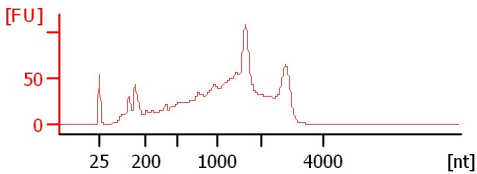
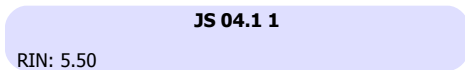
Instrument Name: DE34903152 Firmware: C.01.069
 Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\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:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
 Modified: 3/16/2018 12:26:55 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
JS 04.1 1		✓	RIN: 5.50	
JS 25.1 2		✓	RIN: 8.10	
JS 60.1 3		✓	RIN: 8.80	
Ss		✓	RIN: 3.30	
Sr		✓	RIN: 8.40	
I pf		✓	RIN: 8.70	
I ef		✓	RIN N/A	
D1		✓	RIN:6	
BMP50 24 HR1	QC 250	✓	RIN:10	
F+CH 24HR2	QC 250	✓	RIN:10	
BMP50 12HR3	QC 250	✓	RIN:10	
Ladder		✓	All Other Samples	

Chip Lot #

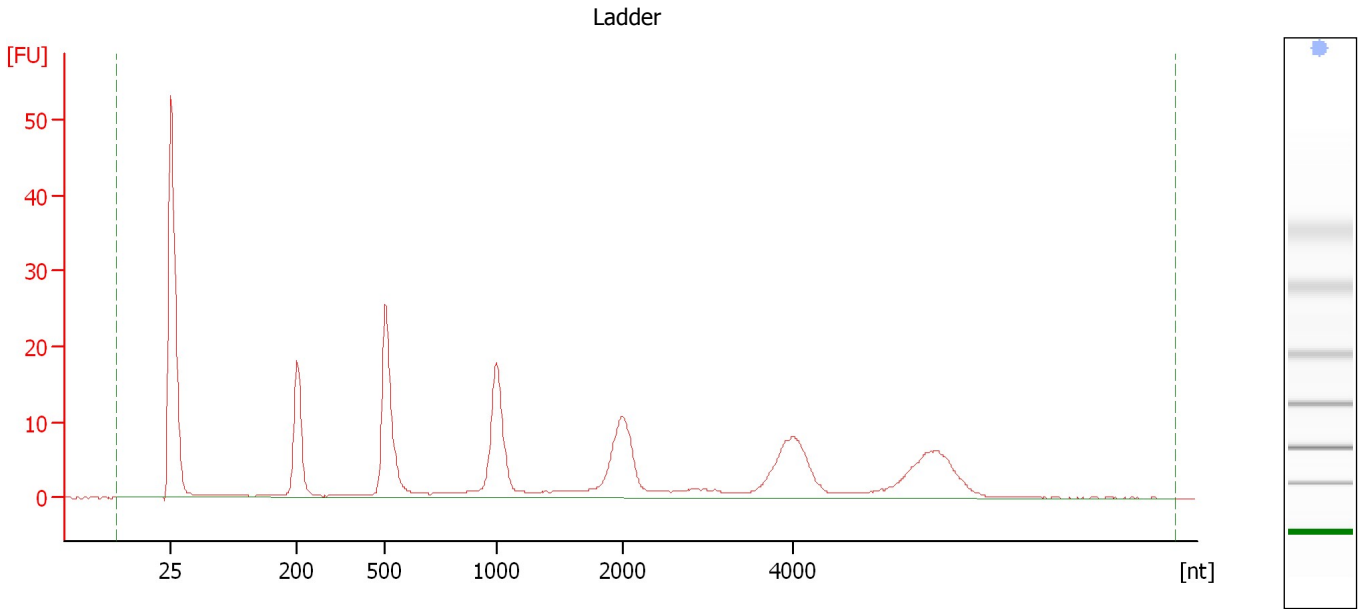
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary



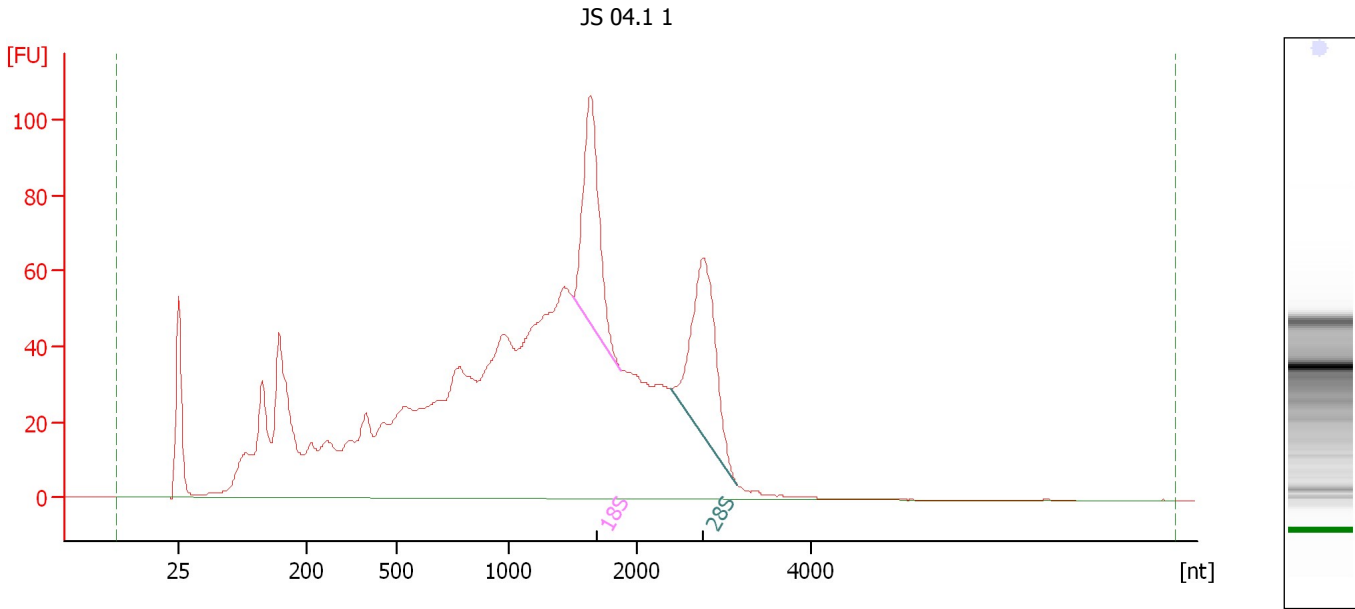
Overall Results for Ladder

RNA Area:	225.2	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : JS 04.1 1

RNA Area: 2,060.2 RNA Integrity Number (RIN): 5.5 (B.02.08)
RNA Concentration: 9,148 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.0 Result Flagging Label: RIN: 5.50

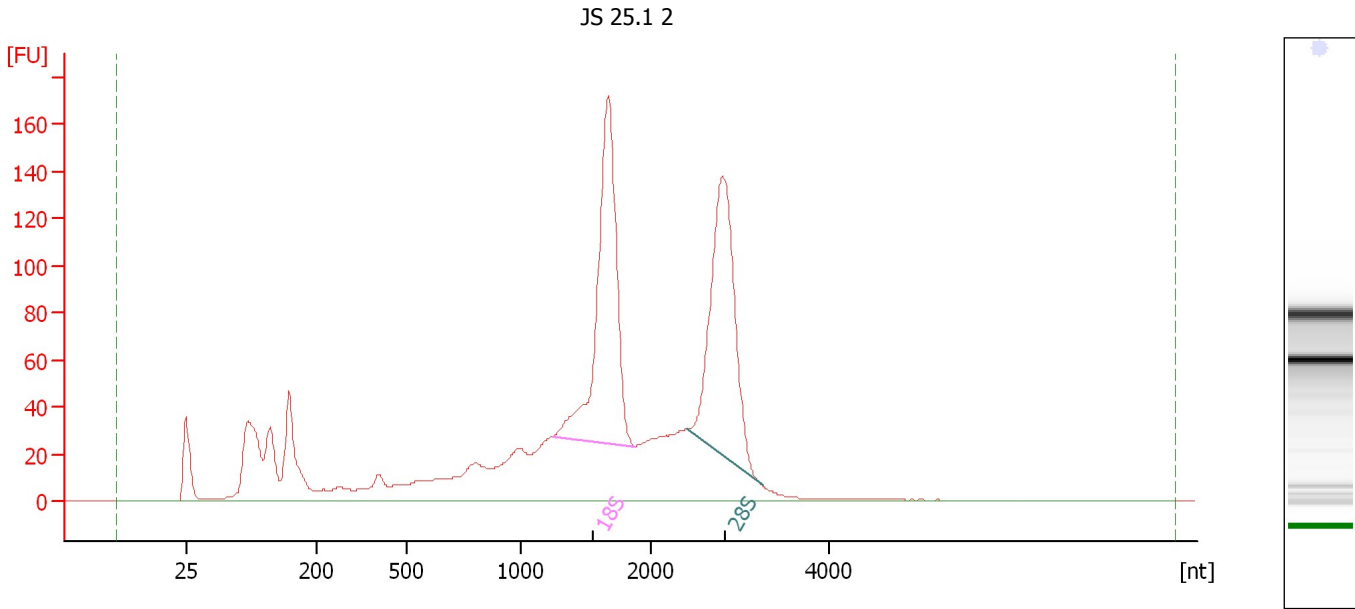
Fragment table for sample 1 : JS 04.1 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,501	1,869	124.3	6.0
28S	2,385	3,160	130.5	6.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : JS 25.1 2

RNA Area: 1,849.7 RNA Integrity Number (RIN): 8.1 (B.02.08)
RNA Concentration: 8,213 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.9 Result Flagging Label: RIN: 8.10

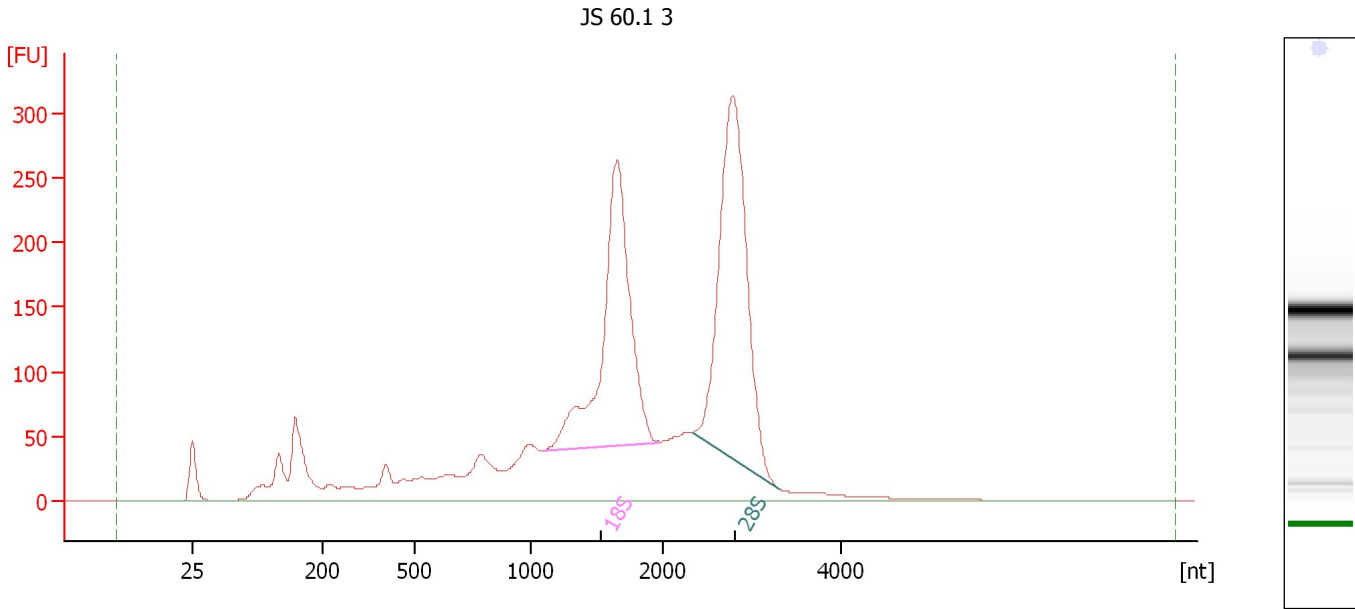
Fragment table for sample 2 : JS 25.1 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,241	1,865	360.0	19.5
28S	2,407	3,255	325.2	17.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : JS 60.1 3

RNA Area:	3,541.8	RNA Integrity Number (RIN):	8.8 (B.02.08)
RNA Concentration:	15,727 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 8.80

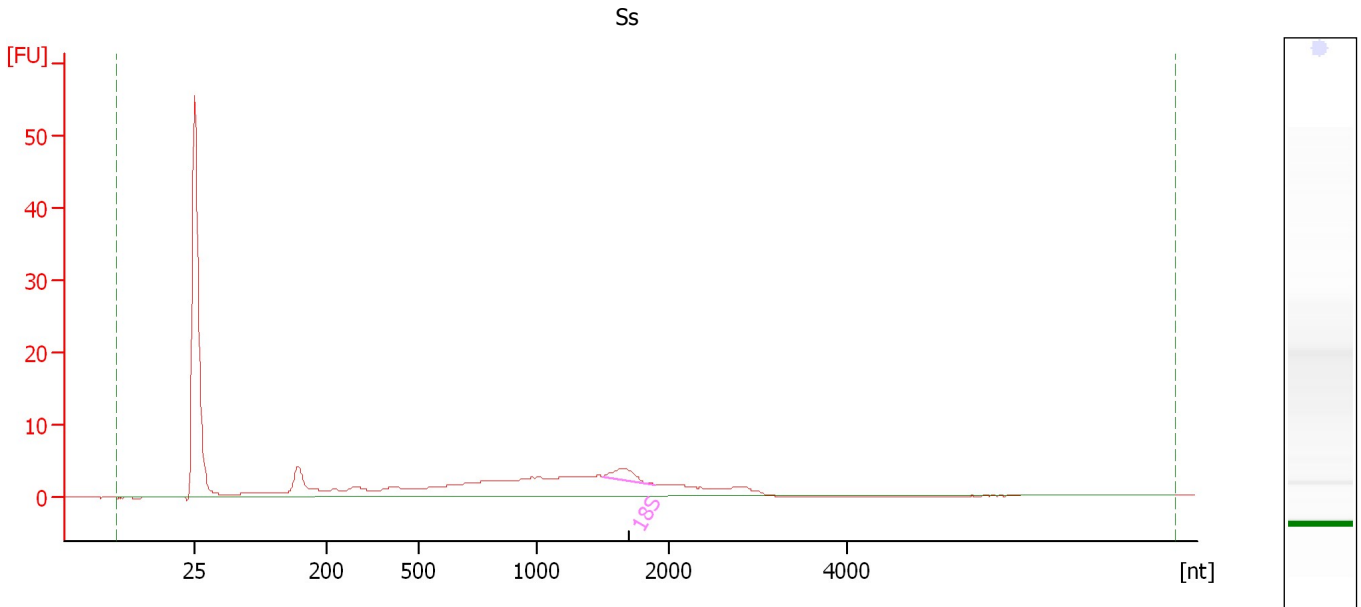
Fragment table for sample 3 : JS 60.1 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,096	1,982	764.7	21.6
28S	2,345	3,316	862.3	24.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Ss

RNA Area:	116.0	RNA Integrity Number (RIN):	3.3 (B.02.08)
RNA Concentration:	515 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 3.30

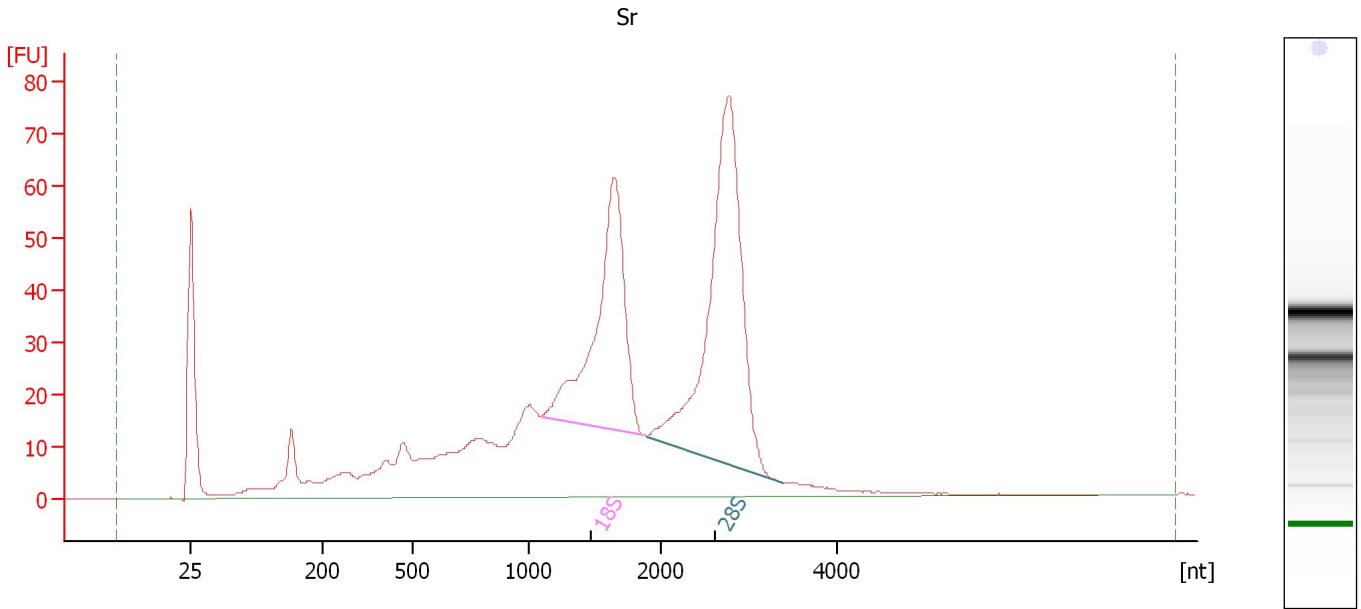
Fragment table for sample 4 : Ss

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,507	1,902	4.0	3.5

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
 Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sr

RNA Area:	1,000.4	RNA Integrity Number (RIN):	8.4 (B.02.08)
RNA Concentration:	4,442 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 8.40

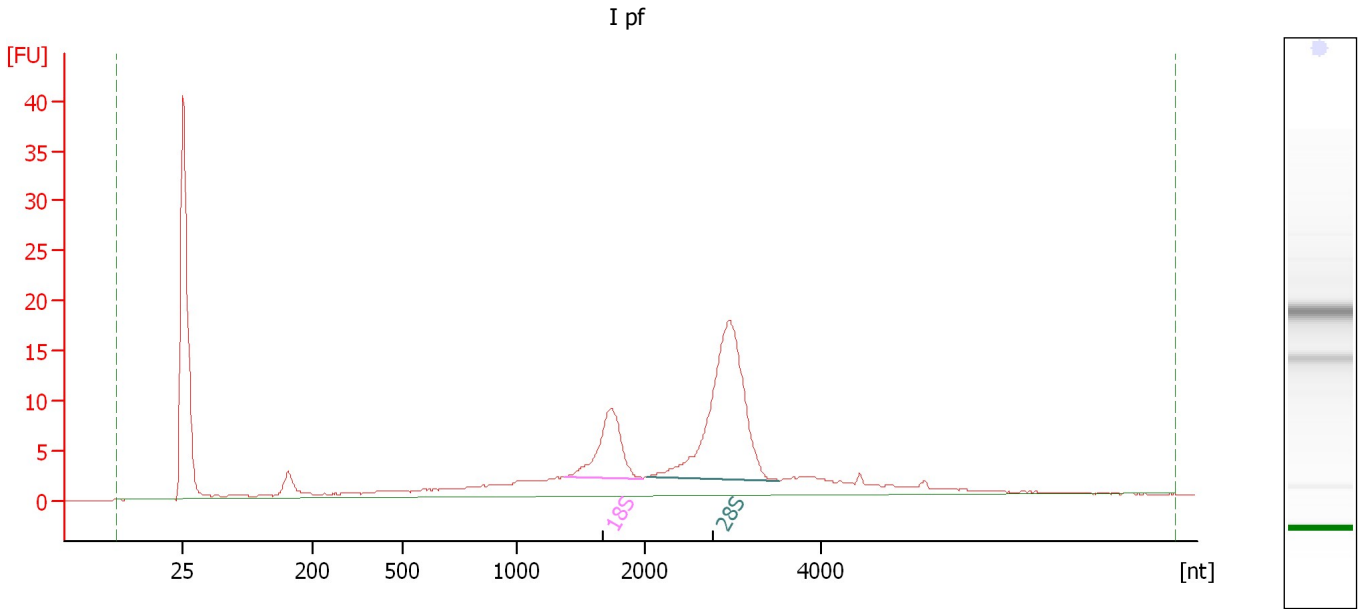
Fragment table for sample 5 : Sr

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,086	1,876	176.2	17.6
28S	1,900	3,378	256.8	25.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : I pf

RNA Area:	186.3	RNA Integrity Number (RIN):	8.7 (B.02.08)
RNA Concentration:	827 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	3.0	Result Flagging Label:	RIN: 8.70

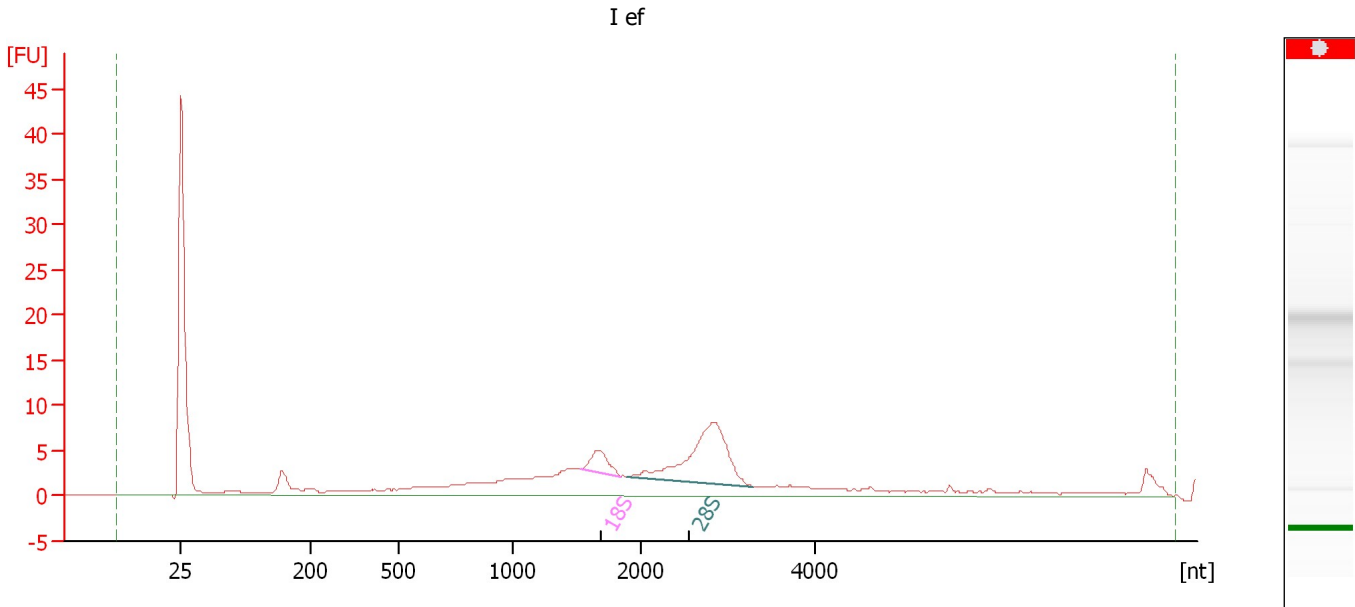
Fragment table for sample 6 : I pf

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,375	1,987	19.9	10.7
28S	2,005	3,530	60.4	32.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : I ef

RNA Area:	146.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	649 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	5.4	Result Flagging Label:	RIN N/A

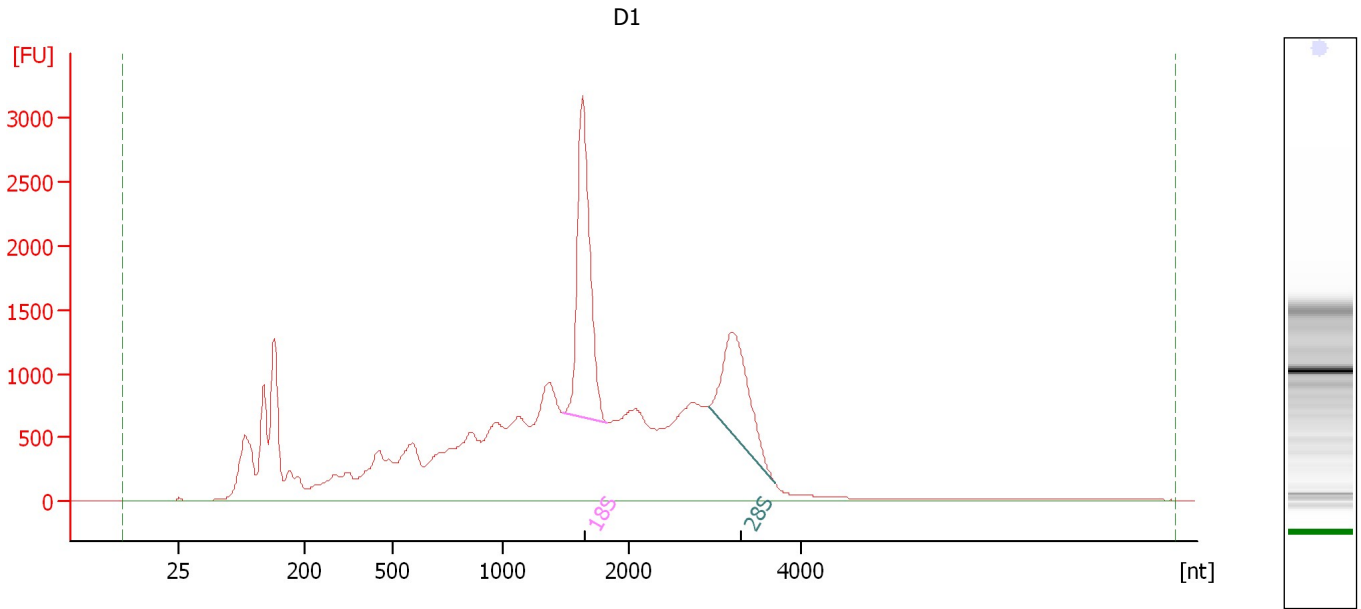
Fragment table for sample 7 : I ef

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,529	1,837	5.6	3.8
28S	1,895	3,291	30.2	20.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : D1

RNA Area: 39,598.1 RNA Integrity Number (RIN): 6 (B.02.08)
RNA Concentration: 175,824 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.6 Result Flagging Label: RIN:6

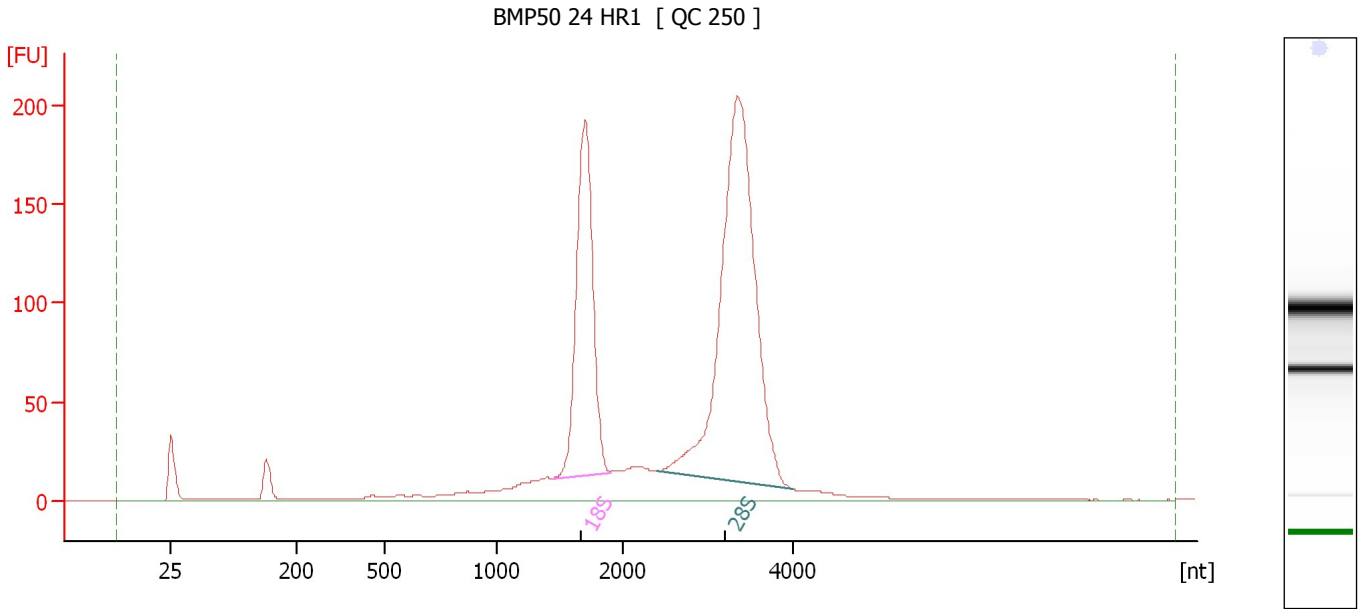
Fragment table for sample 8 : D1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,477	1,815	4,081.9	10.3
28S	2,921	3,705	2,436.3	6.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : BMP50 24 HR1

RNA Area: 1,624.5 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 7,213 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN:10

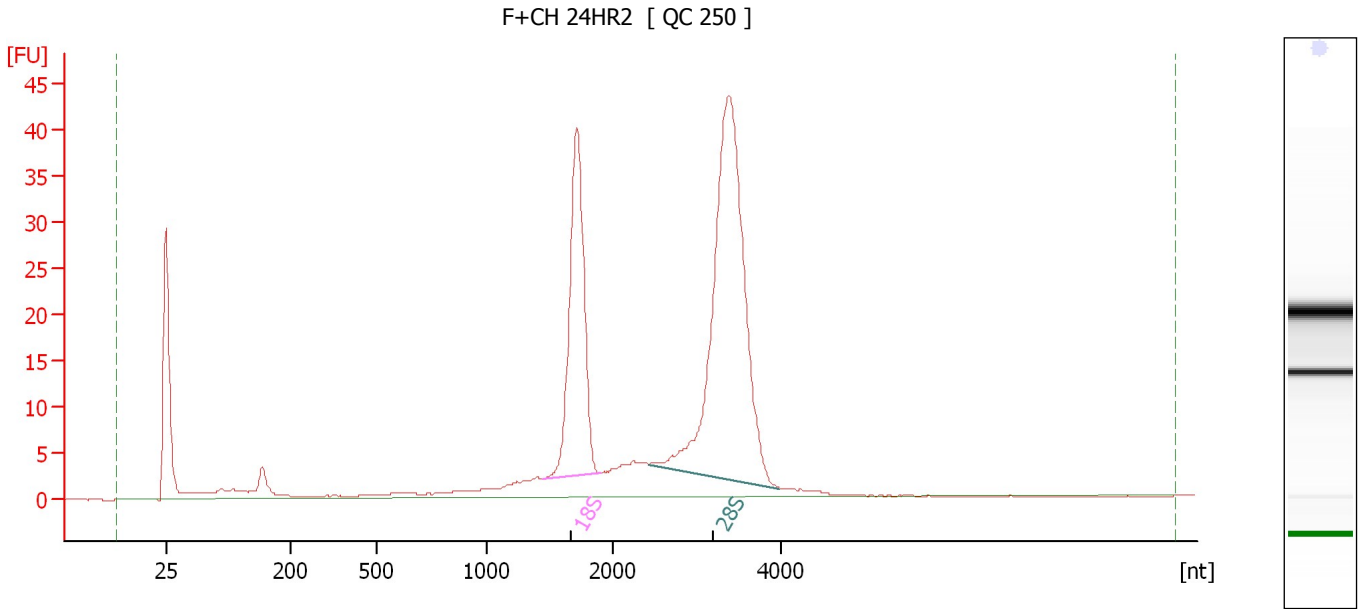
Fragment table for sample 9 : BMP50 24 HR1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,449	1,906	384.3	23.7
28S	2,412	3,987	746.9	46.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
 Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : F+CH 24HR2

RNA Area:	327.7	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	1,455 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN:10

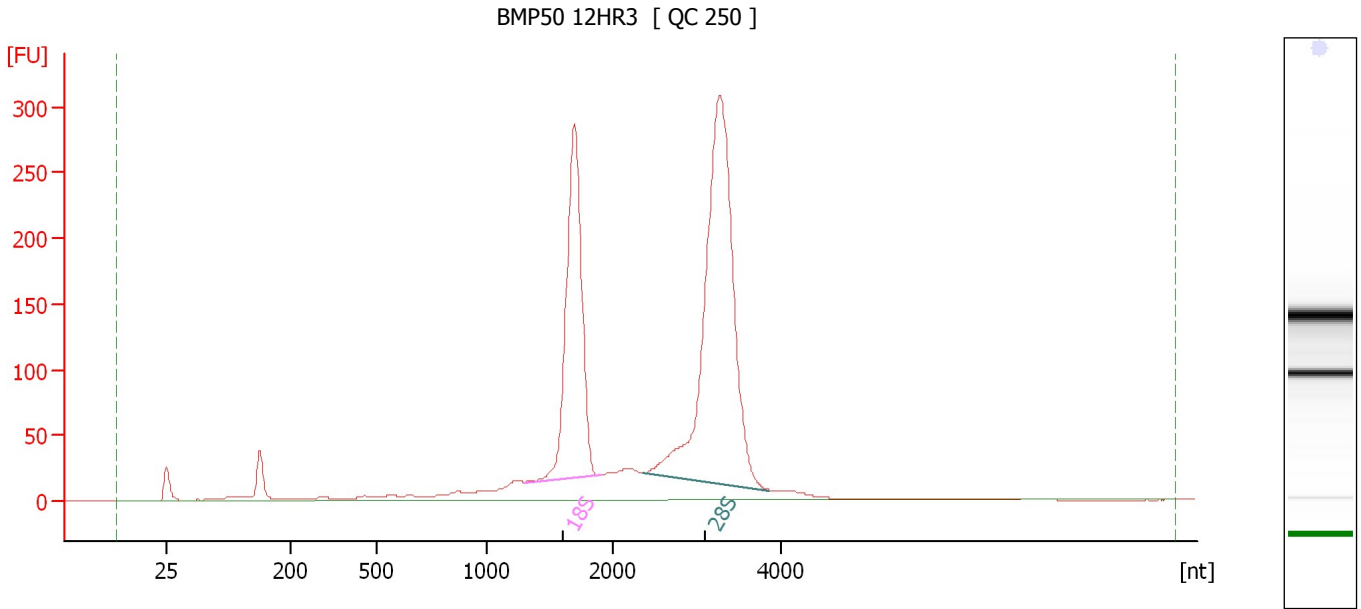
Fragment table for sample 10 : F+CH 24HR2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,449	1,912	71.9	21.9
28S	2,439	3,982	144.9	44.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : BMP50 12HR3

RNA Area: 2,202.1 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 9,778 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.8 Result Flagging Label: RIN:10

Fragment table for sample 11 : BMP50 12HR3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,303	1,903	546.6	24.8
28S	2,376	3,868	958.8	43.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-16\2018-03-16_002.xad

Created: 3/16/2018 10:49:09 AM
Modified: 3/16/2018 12:26:55 PM

Gel Image

