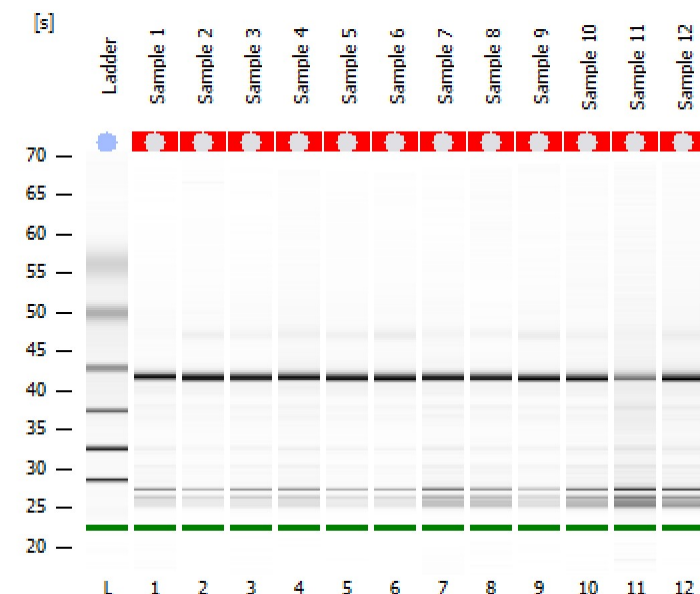


Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72903098
Serial#: DE72903098

Firmware: C.01.069
Type: G2939A

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

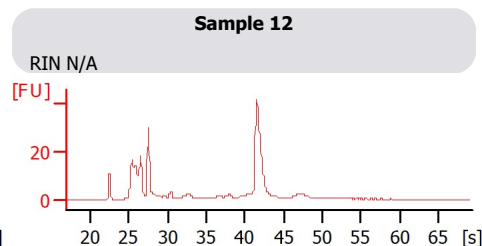
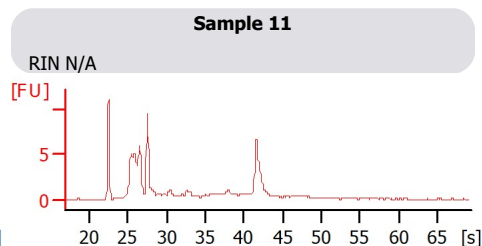
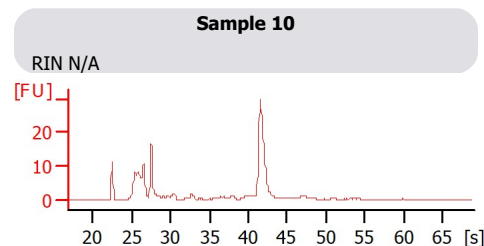
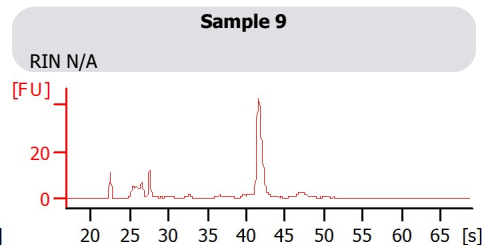
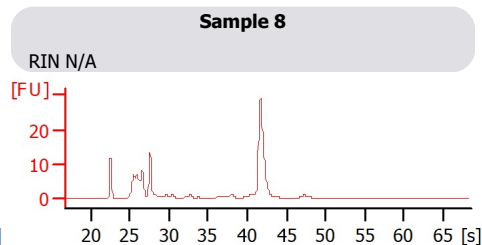
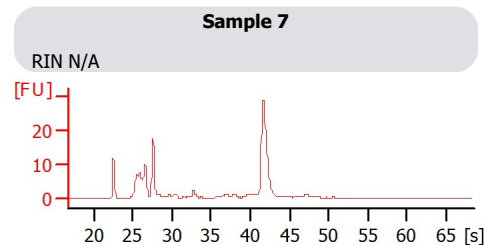
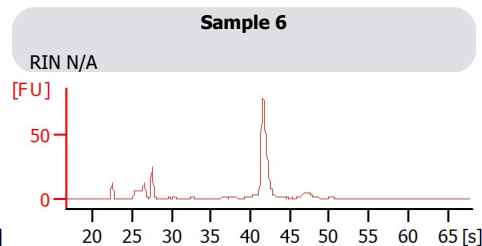
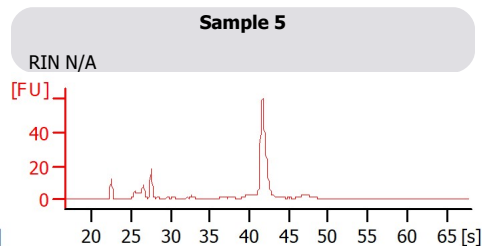
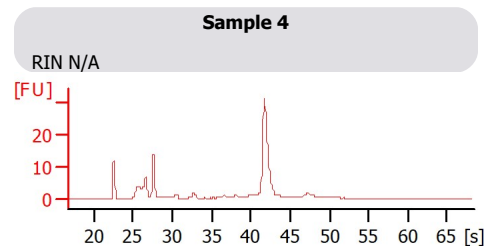
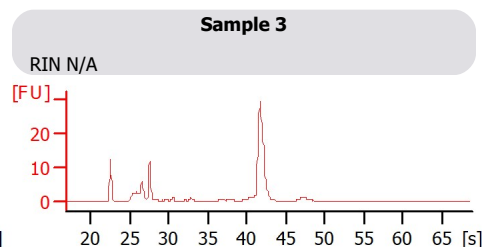
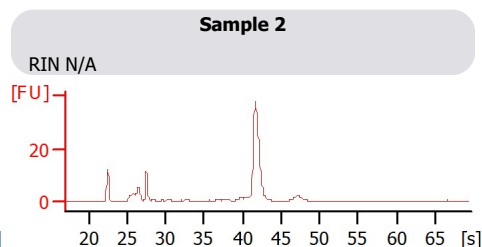
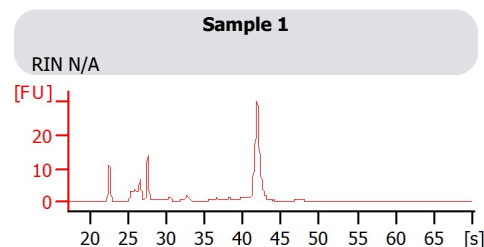
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN N/A	
Sample 2		✓	RIN N/A	
Sample 3		✓	RIN N/A	
Sample 4		✓	RIN N/A	
Sample 5		✓	RIN N/A	
Sample 6		✓	RIN N/A	
Sample 7		✓	RIN N/A	
Sample 8		✓	RIN N/A	
Sample 9		✓	RIN N/A	
Sample 10		✓	RIN N/A	
Sample 11		✓	RIN N/A	
Sample 12		✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 19

End Analysis Time Range [s] : 69

Ladder Concentration [ng/μl] : 150

Lower Marker Concentration [ng/μl] : 0

Upper Marker Concentration [ng/μl] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.5

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

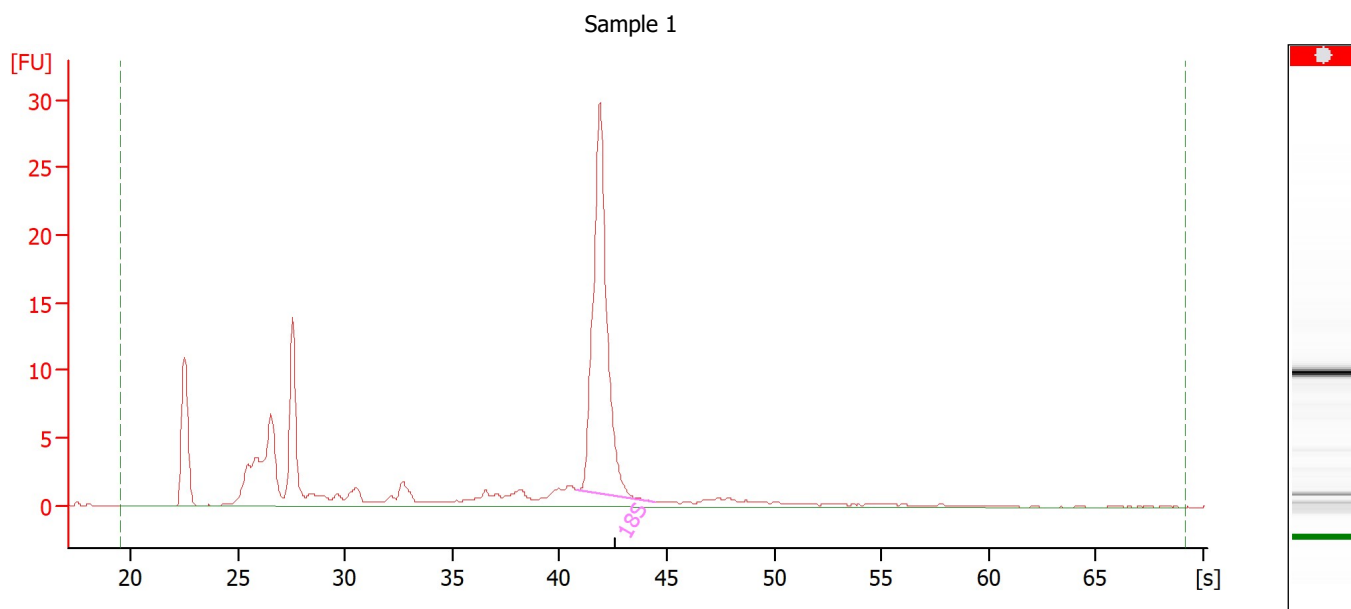
Ladder

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


Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary



Overall Results for sample 1 : Sample 1

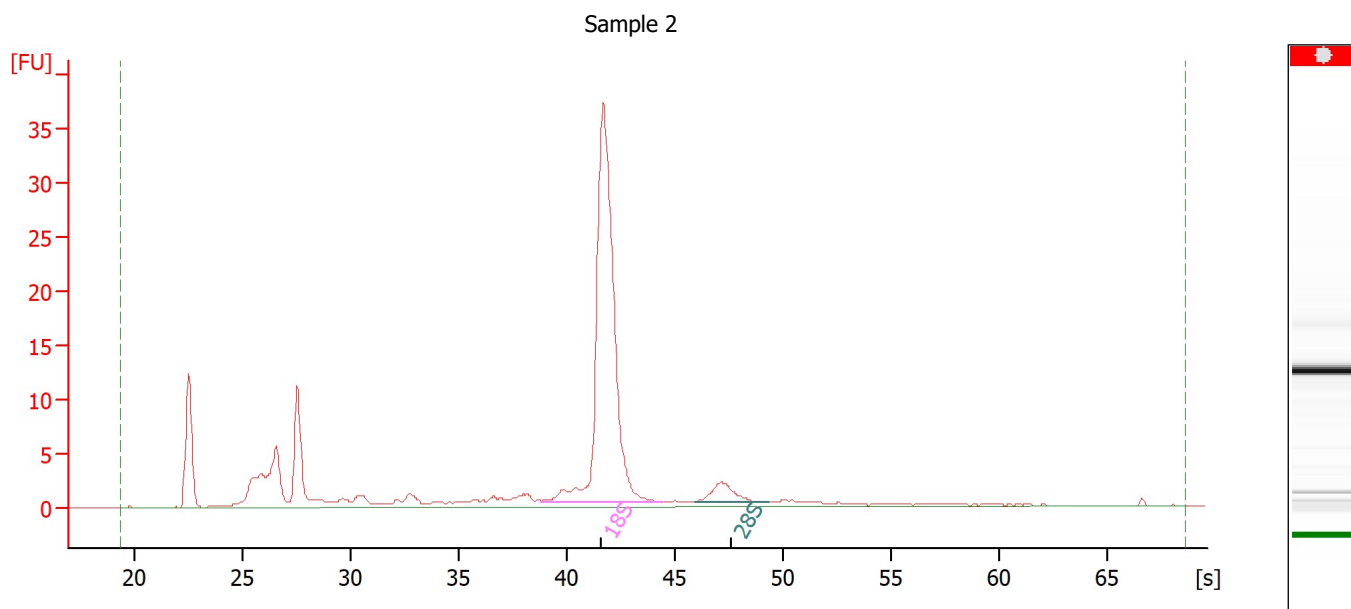
RNA Area:	133.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	118 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 1 : Sample 1

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.84	44.40	50.9	38.0

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 2 : Sample 2**

RNA Area:	161.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	142 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN N/A

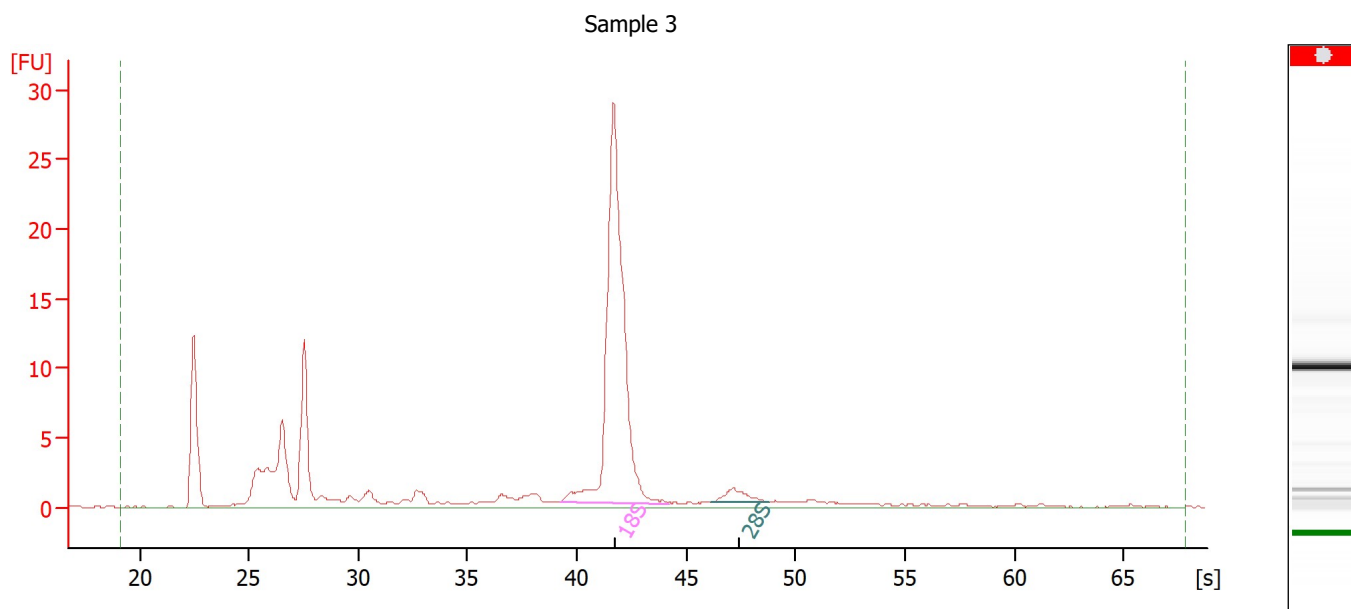
Fragment table for sample 2 : Sample 2

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.79	44.40	80.6	49.9
28S	45.89	49.32	4.7	2.9

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 3

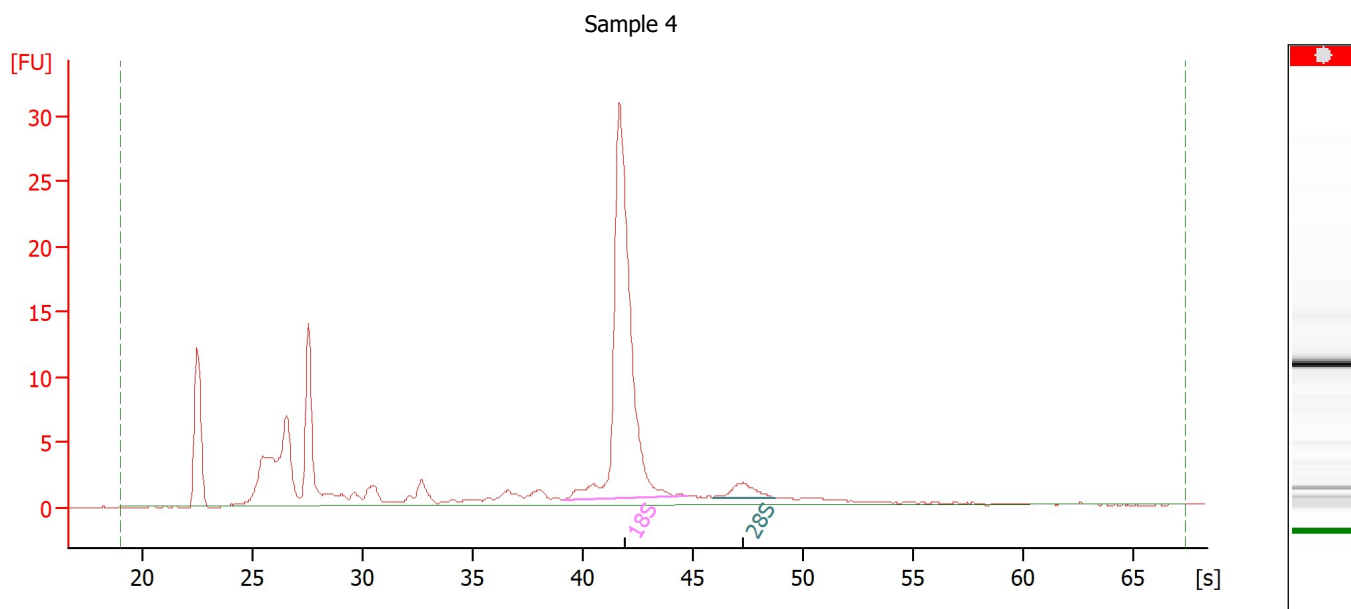
RNA Area:	130.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	114 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 3 : Sample 3

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.25	44.16	58.4	44.9
28S	46.08	48.78	2.3	1.8

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 4 : Sample 4**

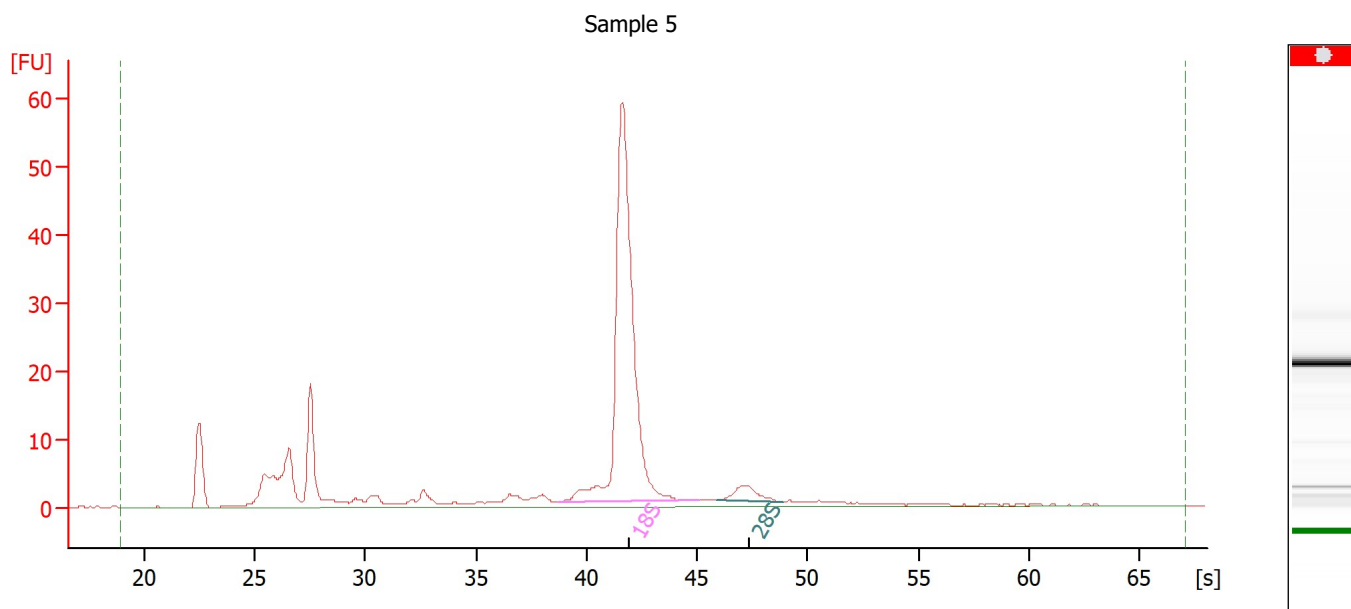
RNA Area:	151.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	133 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN N/A

Fragment table for sample 4 : Sample 4

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.09	44.71	61.1	40.3
28S	45.88	48.76	3.1	2.0

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 5 : Sample 5**

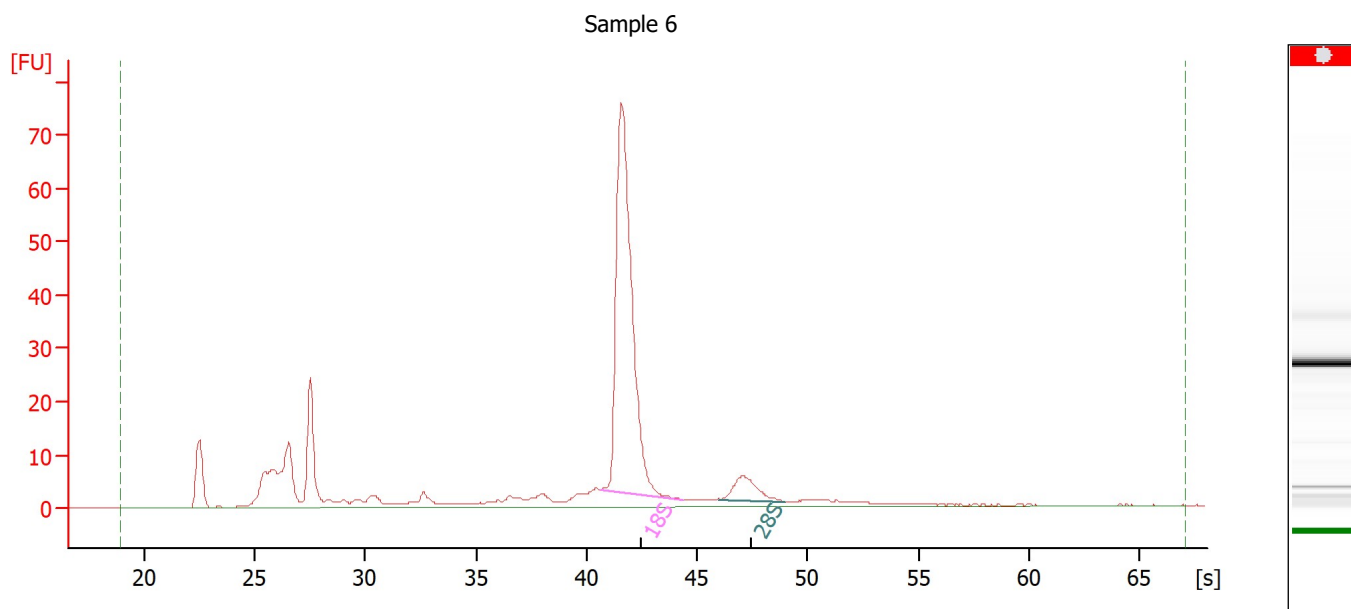
RNA Area:	246.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	216 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 5 : Sample 5

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.78	45.05	122.0	49.6
28S	45.87	48.89	5.8	2.4

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 6 : Sample 6**

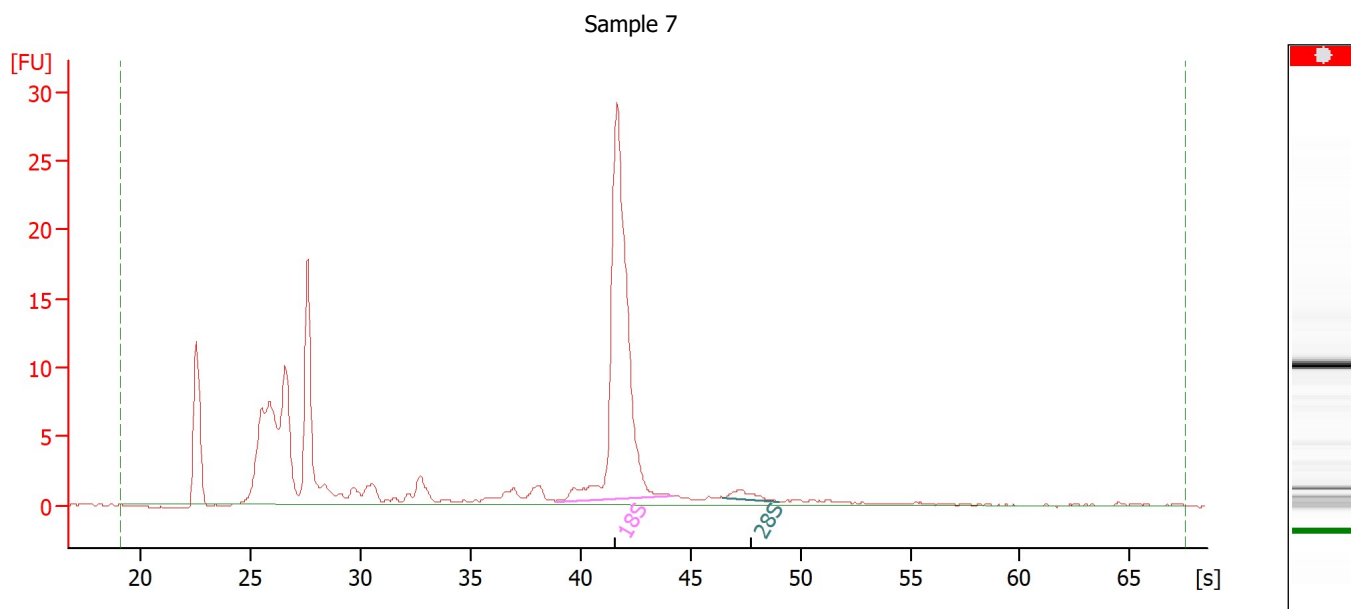
RNA Area:	322.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	284 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN N/A

Fragment table for sample 6 : Sample 6

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.63	44.37	142.1	44.0
28S	46.02	48.98	11.3	3.5

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 7 : Sample 7**

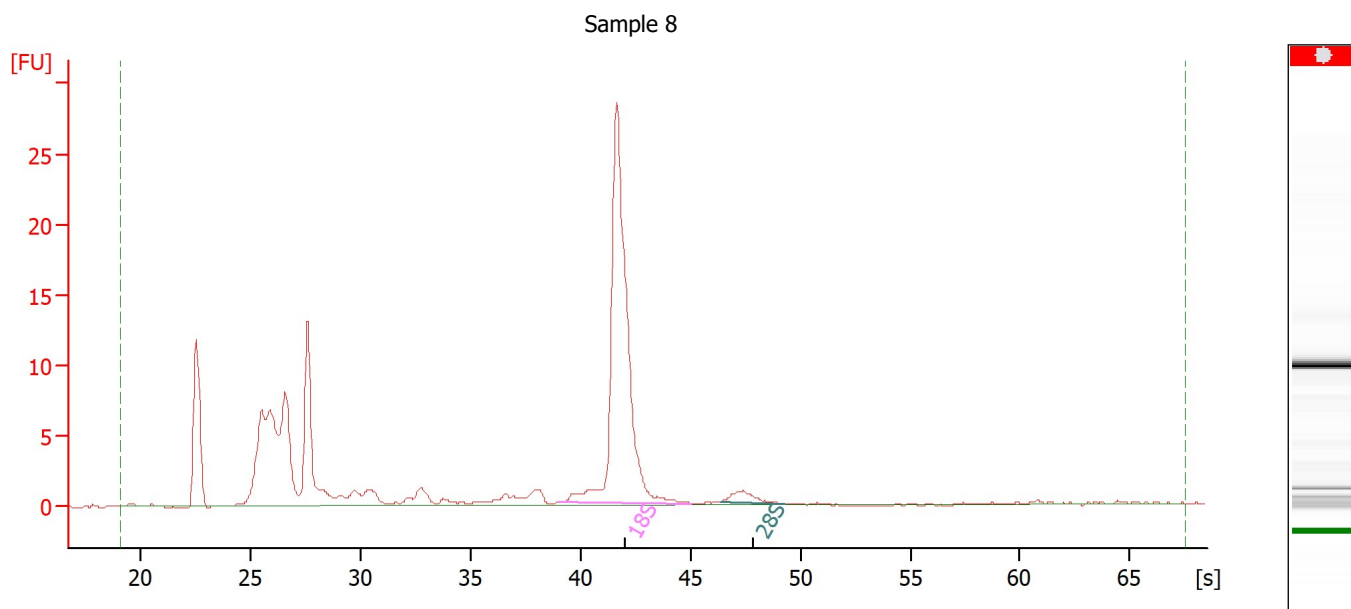
RNA Area:	164.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	144 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 7 : Sample 7

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.89	44.22	58.2	35.5
28S	46.52	49.06	1.6	1.0

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 8 : Sample 8**

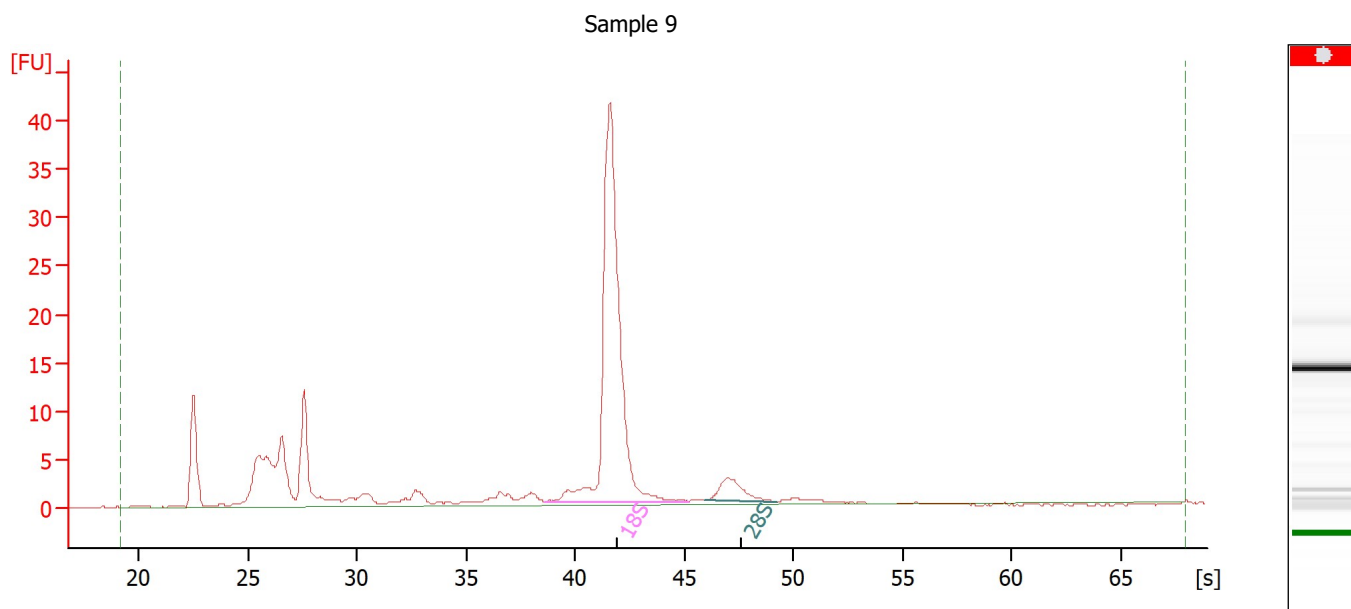
RNA Area:	136.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	120 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 8 : Sample 8

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.03	45.00	56.1	41.1
28S	46.37	49.26	2.0	1.5

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 9 : Sample 9**

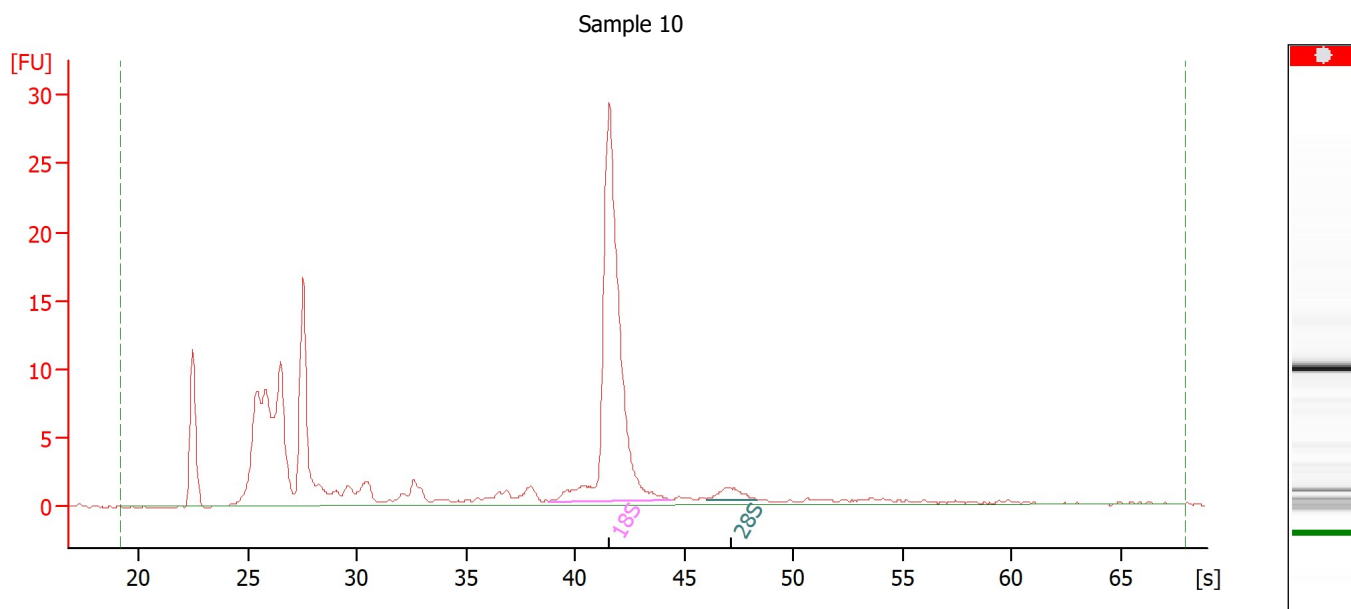
RNA Area:	171.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	151 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN N/A

Fragment table for sample 9 : Sample 9

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.65	45.20	82.3	48.0
28S	45.94	49.28	6.4	3.7

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 10 : Sample 10**

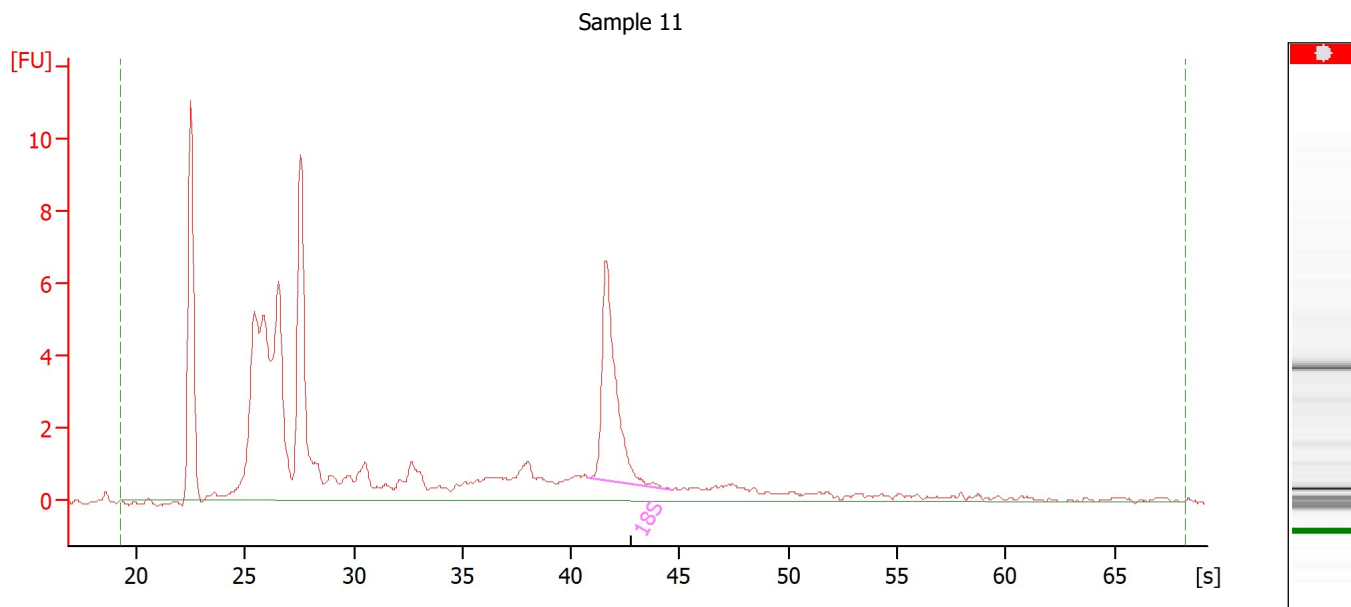
RNA Area:	174.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	153 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 10 : Sample 10

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	38.80	44.41	58.4	33.5
28S	46.03	48.30	2.1	1.2

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 11 : Sample 11**

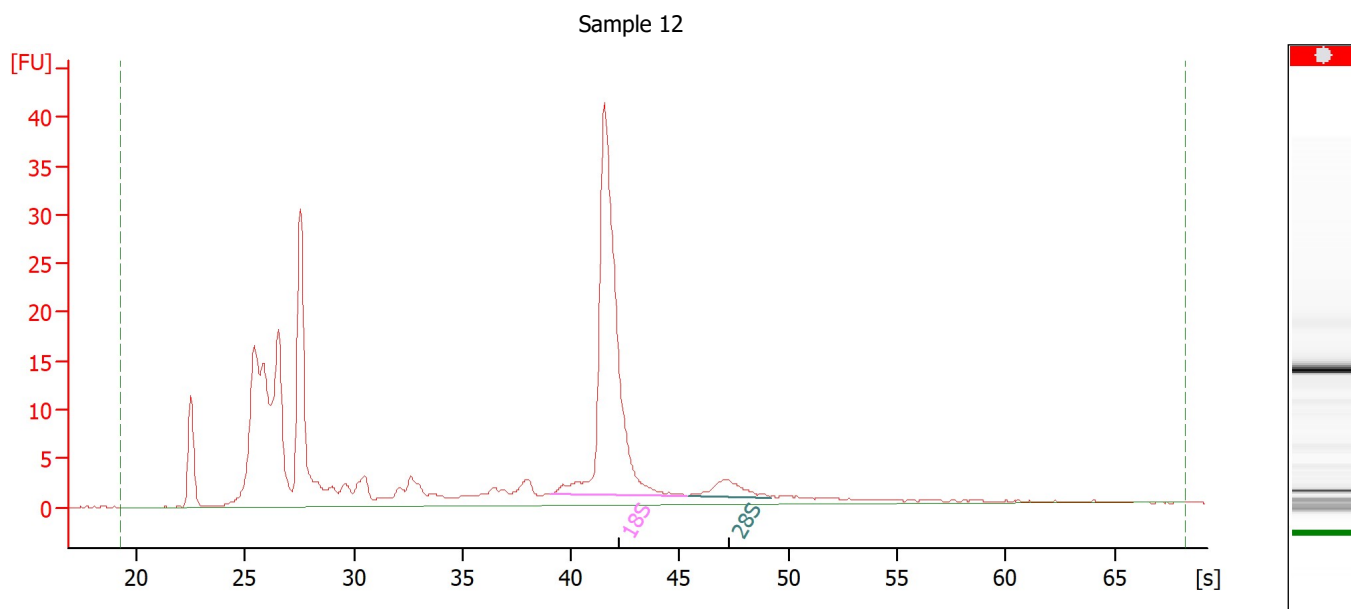
RNA Area:	90.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	79 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 11 : Sample 11

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	40.85	44.65	10.6	11.7

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

Electropherogram Summary Continued ...**Overall Results for sample 12 : Sample 12**

RNA Area:	301.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	265 ng/μl	Result Flagging Color:	<div style="background-color: #cccccc; width: 30px; height: 15px; display: inline-block;"></div>
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN N/A

Fragment table for sample 12 : Sample 12

Name	Start Time [s]	End Time [s]	Area	% of total Area
18S	39.07	45.35	86.3	28.6
28S	45.45	49.15	5.4	1.8

Assay Class: Eukaryote Total RNA Nano
Data Path: \\P...Eukaryote Total RNA Nano_DE72903098_2020-07-17_15-28-57.xad

Created: 17/07/2020 15:28:57
Modified: 17/07/2020 15:52:47

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