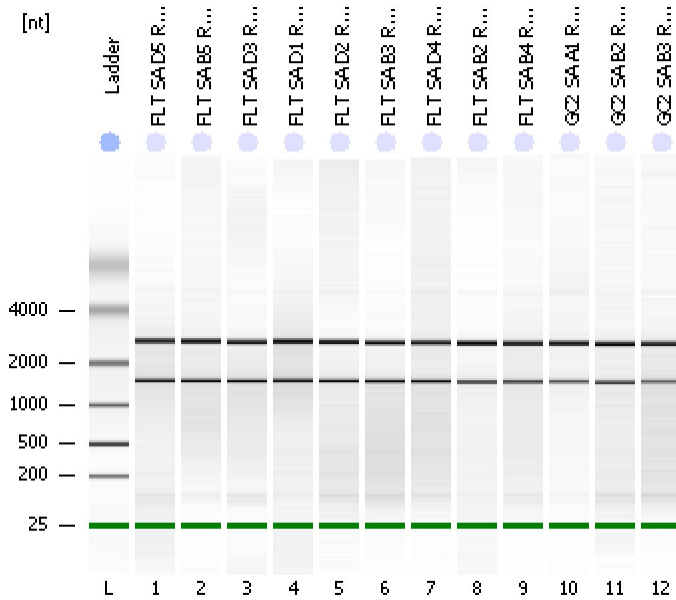


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

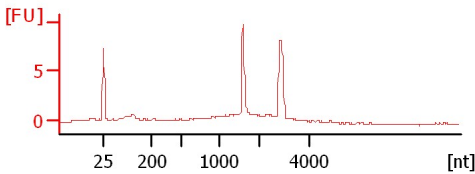
Assay Information:

Assay Origin Path: C:\Program Files\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)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

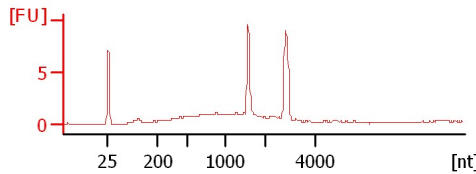
Chip Information:

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

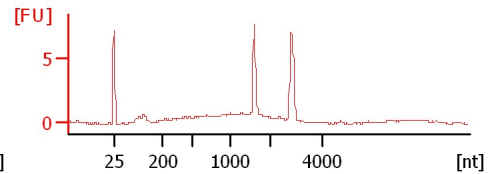
FLT SA D5 RNA
HiSeq1027 RNA QC
RIN: 8.10



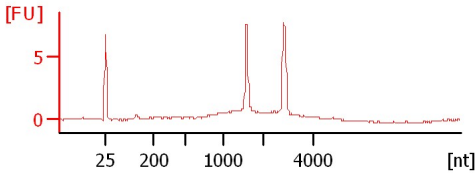
FLT SA B5 RNA
HiSeq1027 RNA QC
RIN: 7



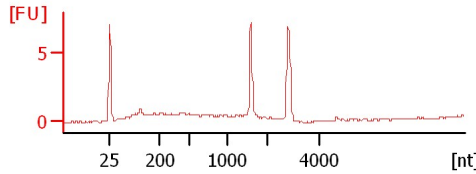
FLT SA D3 RNA
HiSeq1027 RNA QC
RIN: 7.20



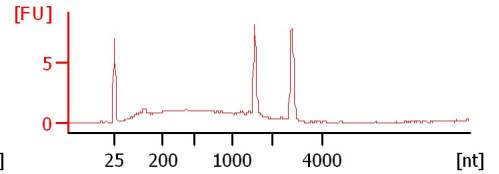
FLT SA D1 RNA
HiSeq1027 RNA QC
RIN: 8



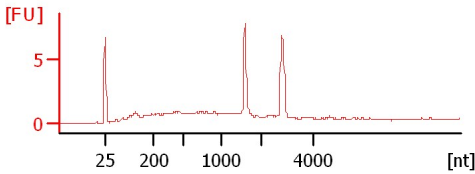
FLT SA D2 RNA
HiSeq1027 RNA QC
RIN: 7.40



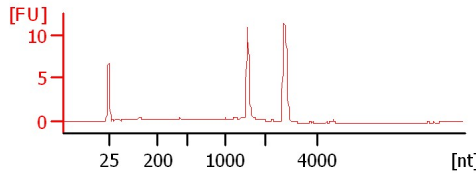
FLT SA B3 RNA
HiSeq1027 RNA QC
RIN: 6.70



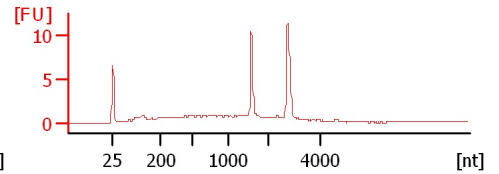
FLT SA D4 RNA
HiSeq1027 RNA QC
RIN: 6.90



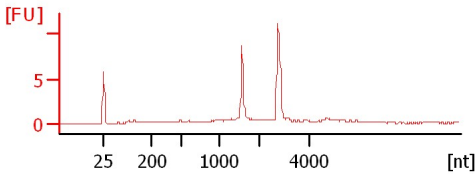
FLT SA B2 RNA
HiSeq1027 RNA QC
RIN: 8.30



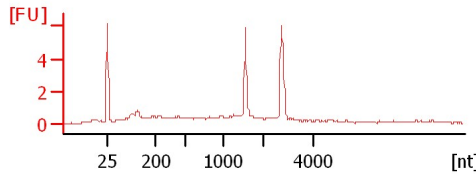
FLT SA B4 RNA
HiSeq1027 RNA QC
RIN: 7.10



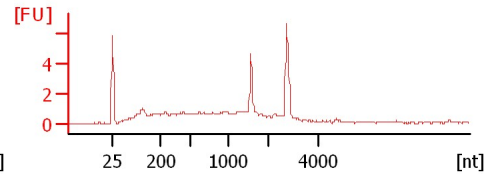
GC2 SA A1 RNA
HiSeq1027 RNA QC
RIN: 8.30



GC2 SA B2 RNA
HiSeq1027 RNA QC
RIN: 7.50



GC2 SA B3 RNA
HiSeq1027 RNA QC
RIN: 6.90



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
FLT SA D5 RNA	HiSeq1027 RNA QC	✓	RIN: 8.10	
FLT SA B5 RNA	HiSeq1027 RNA QC	✓	RIN:7	
FLT SA D3 RNA	HiSeq1027 RNA QC	✓	RIN: 7.20	
FLT SA D1 RNA	HiSeq1027 RNA QC	✓	RIN:8	
FLT SA D2 RNA	HiSeq1027 RNA QC	✓	RIN: 7.40	
FLT SA B3 RNA	HiSeq1027 RNA QC	✓	RIN: 6.70	
FLT SA D4 RNA	HiSeq1027 RNA QC	✓	RIN: 6.90	
FLT SA B2 RNA	HiSeq1027 RNA QC	✓	RIN: 8.30	
FLT SA B4 RNA	HiSeq1027 RNA QC	✓	RIN: 7.10	
GC2 SA A1 RNA	HiSeq1027 RNA QC	✓	RIN: 8.30	
GC2 SA B2 RNA	HiSeq1027 RNA QC	✓	RIN: 7.50	
GC2 SA B3 RNA	HiSeq1027 RNA QC	✓	RIN: 6.90	
Ladder		✓	All Other Samples	

Chip Lot #

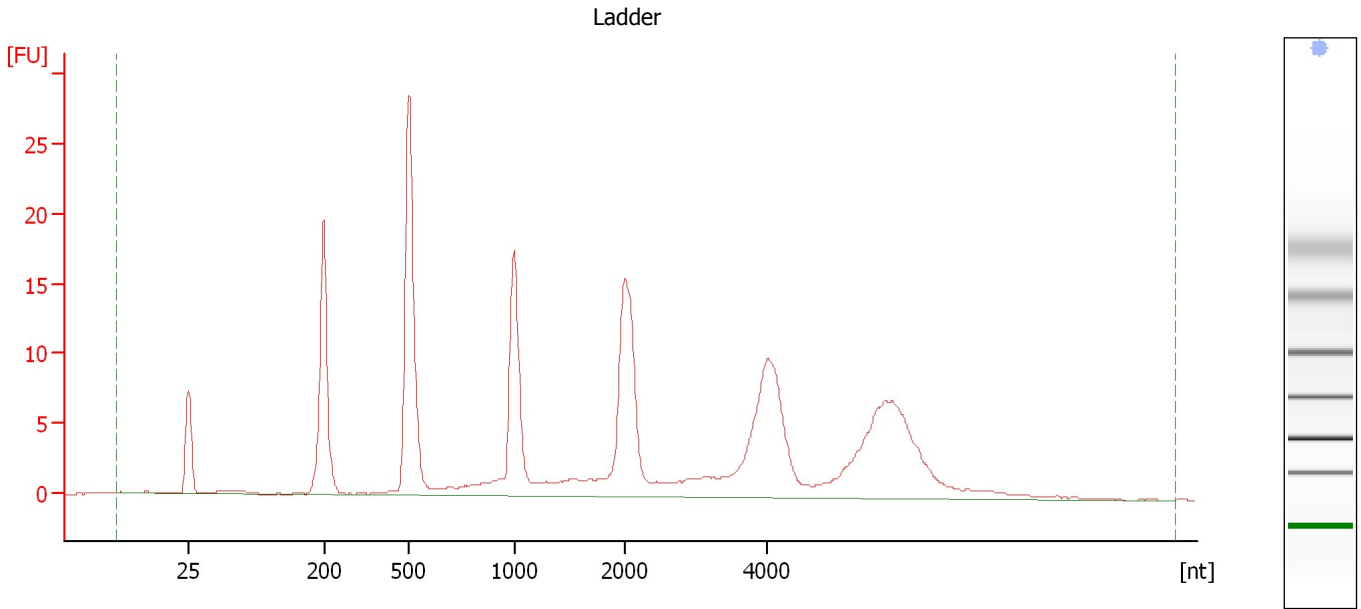
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary



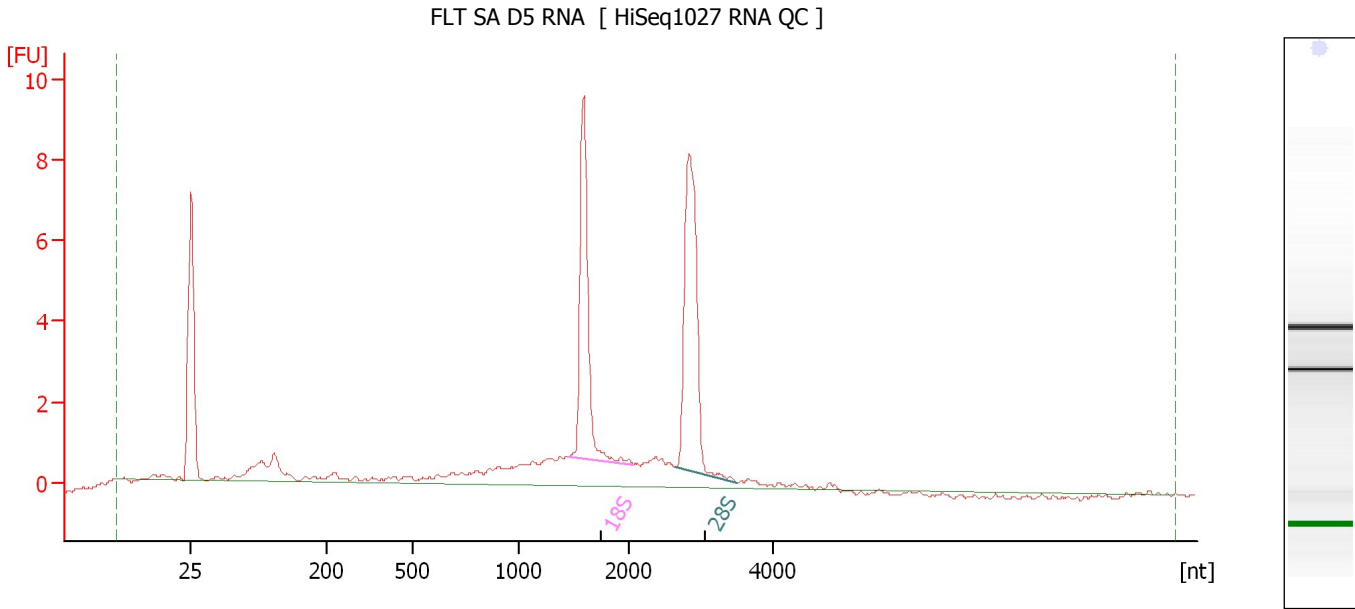
Overall Results for Ladder

RNA Area:	232.8	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : FLT SA D5 RNA

RNA Area: 42.9 RNA Integrity Number (RIN): 8.1 (B.02.08)
RNA Concentration: 28 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 8.10

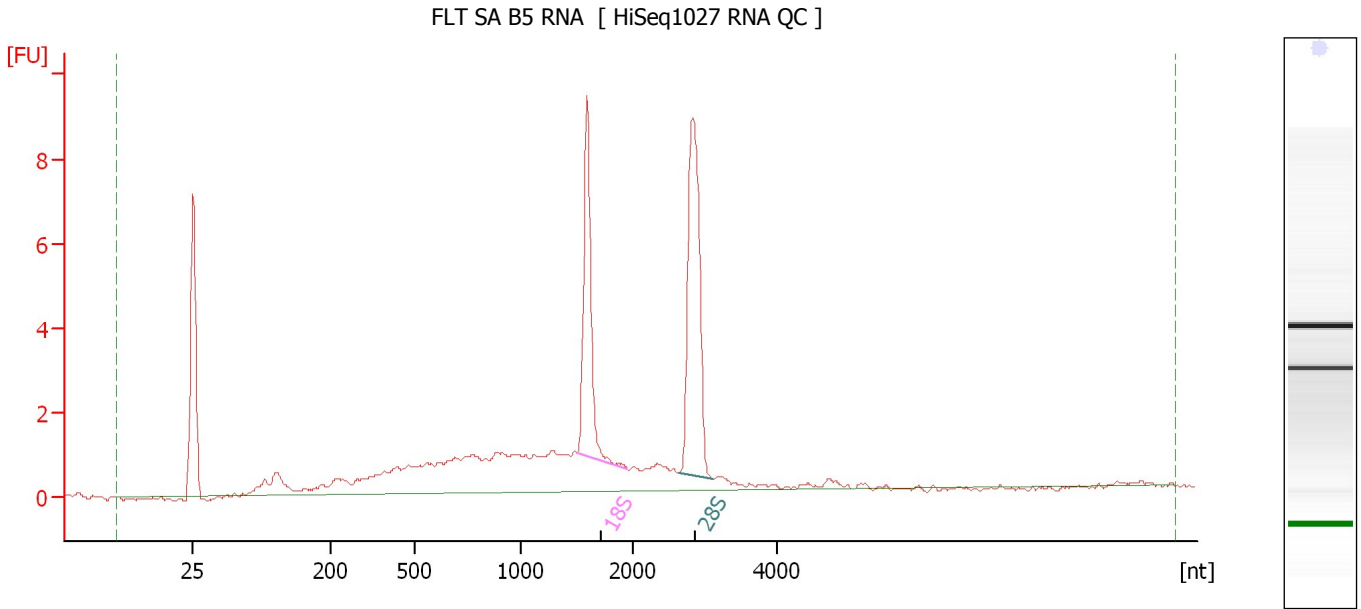
Fragment table for sample 1 : FLT SA D5 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,456	2,048	8.9	20.9
28S	2,631	3,500	11.2	26.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : FLT SA B5 RNA

RNA Area: 55.2 RNA Integrity Number (RIN): 7 (B.02.08)
RNA Concentration: 36 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN:7

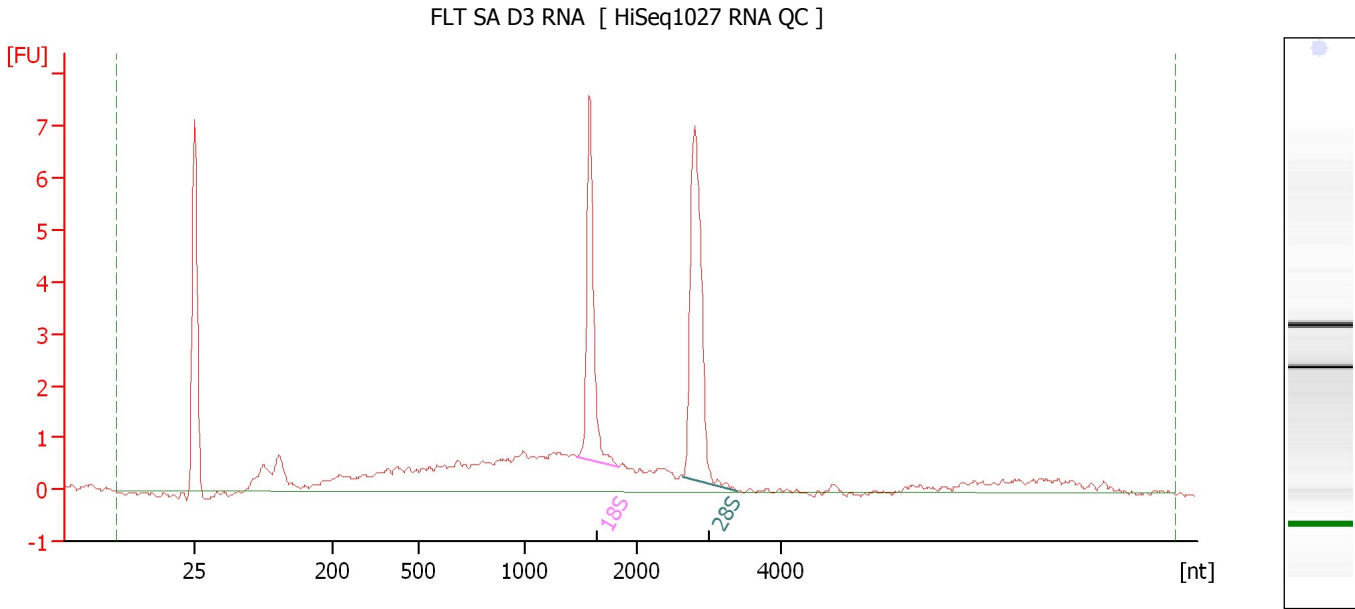
Fragment table for sample 2 : FLT SA B5 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,498	1,946	8.0	14.5
28S	2,617	3,094	11.4	20.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : FLT SA D3 RNA

RNA Area: 45.6 RNA Integrity Number (RIN): 7.2 (B.02.08)
RNA Concentration: 29 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 7.20

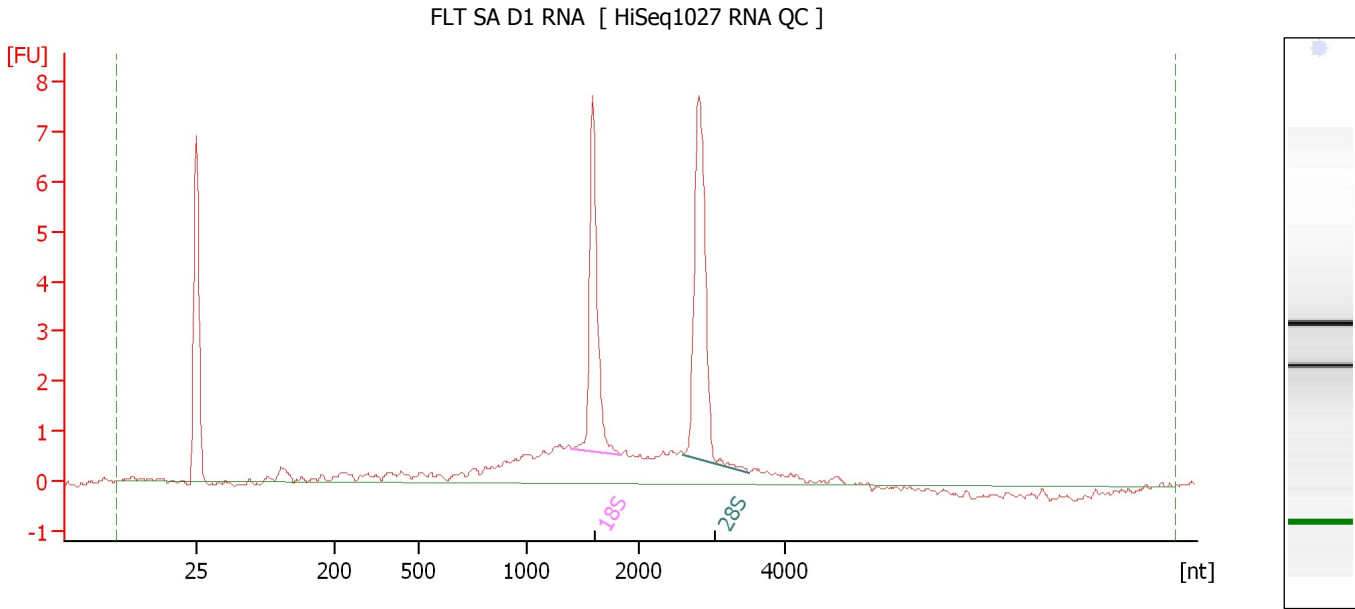
Fragment table for sample 3 : FLT SA D3 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,465	1,825	6.5	14.2
28S	2,632	3,374	8.8	19.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : FLT SA D1 RNA

RNA Area: 37.0 RNA Integrity Number (RIN): 8 (B.02.08)
RNA Concentration: 24 ng/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN:8

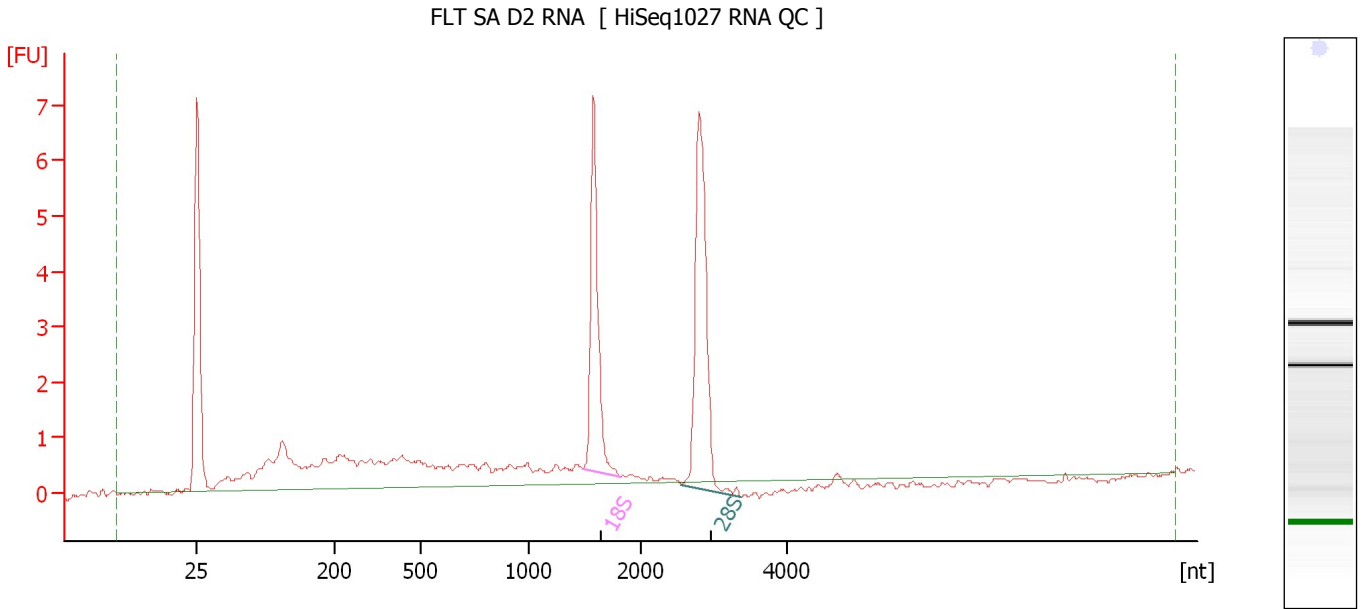
Fragment table for sample 4 : FLT SA D1 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,391	1,827	7.1	19.2
28S	2,603	3,521	9.5	25.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : FLT SA D2 RNA

RNA Area:	37.5	RNA Integrity Number (RIN):	7.4 (B.02.08)
RNA Concentration:	24 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 7.40

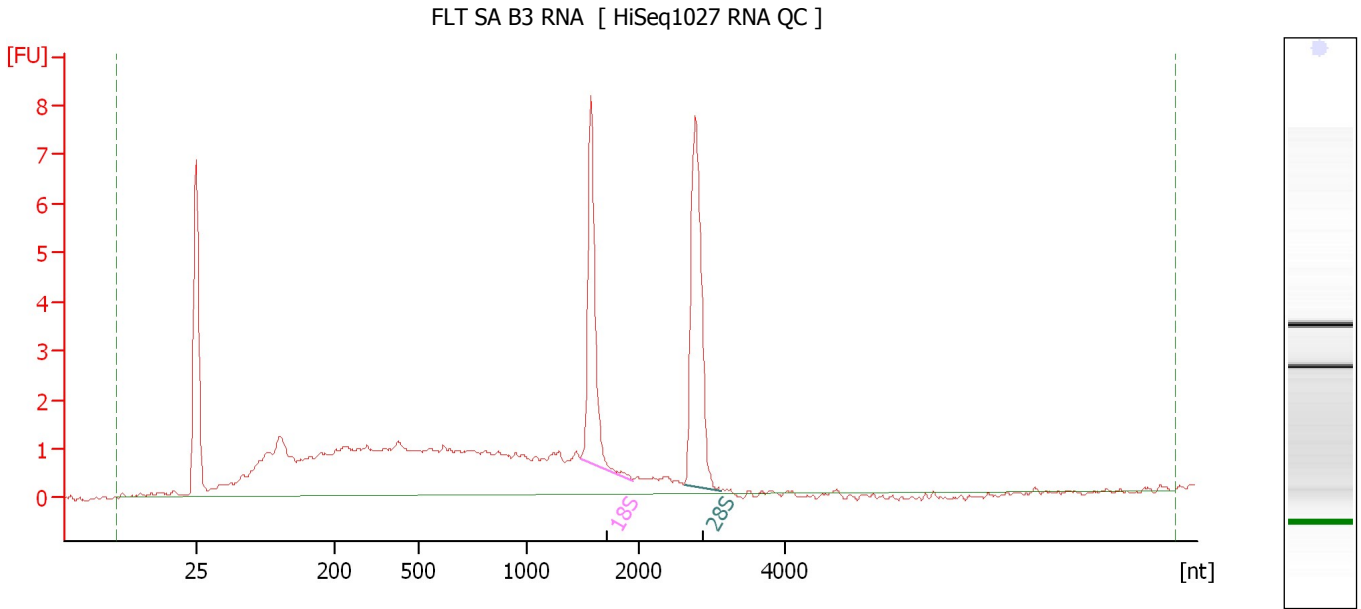
Fragment table for sample 5 : FLT SA D2 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,478	1,809	6.3	16.8
28S	2,544	3,372	8.9	23.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : FLT SA B3 RNA

RNA Area: 65.6 RNA Integrity Number (RIN): 6.7 (B.02.08)
RNA Concentration: 42 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 6.70

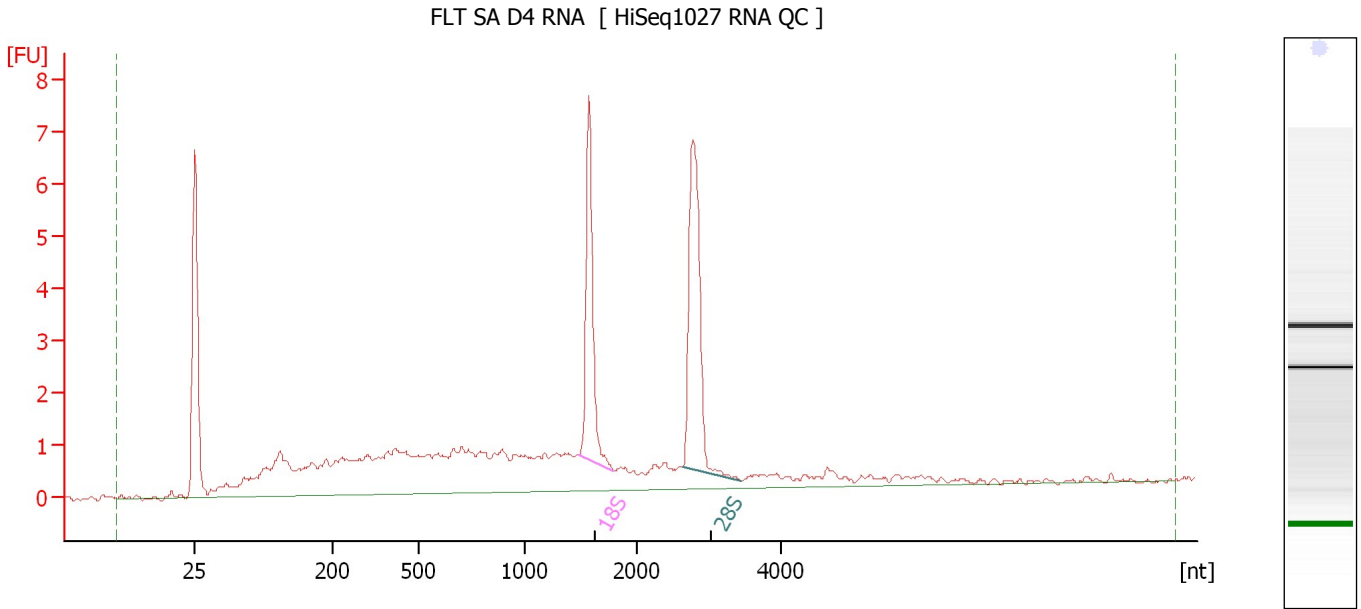
Fragment table for sample 6 : FLT SA B3 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,476	1,931	7.1	10.8
28S	2,618	3,121	9.1	13.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : FLT SA D4 RNA

RNA Area: 59.3 RNA Integrity Number (RIN): 6.9 (B.02.08)
RNA Concentration: 38 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 6.90

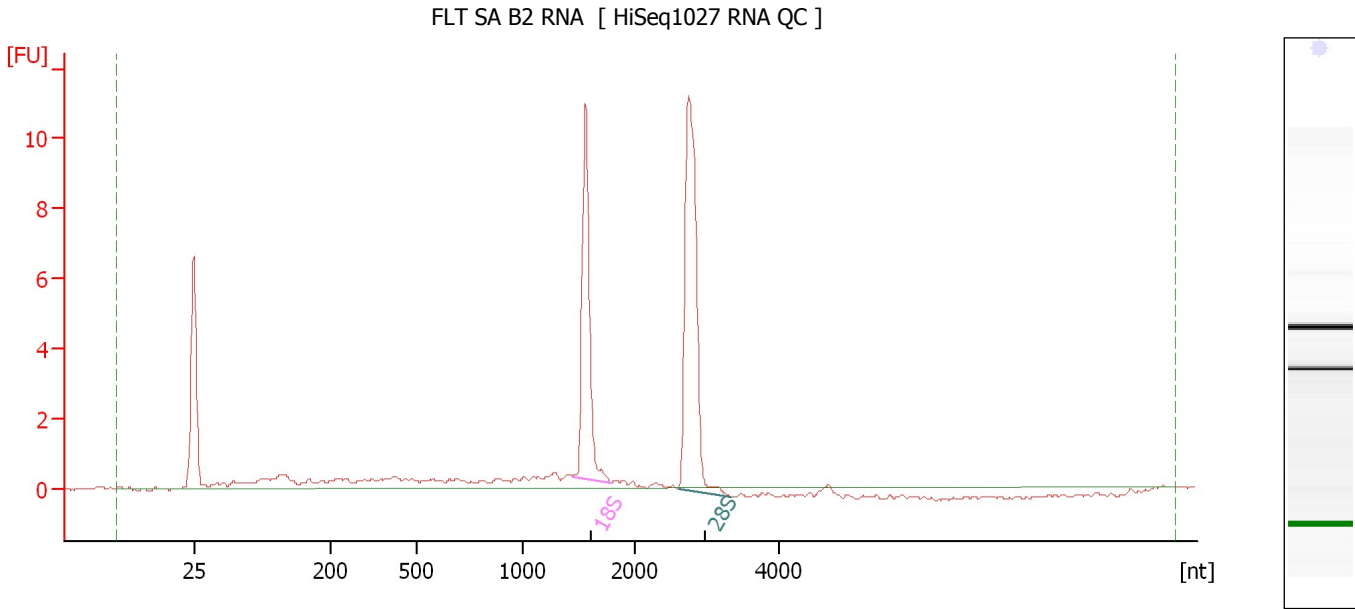
Fragment table for sample 7 : FLT SA D4 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,483	1,787	6.2	10.4
28S	2,617	3,434	7.9	13.4

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
 Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : FLT SA B2 RNA

RNA Area:	36.7	RNA Integrity Number (RIN):	8.3 (B.02.08)
RNA Concentration:	24 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 8.30

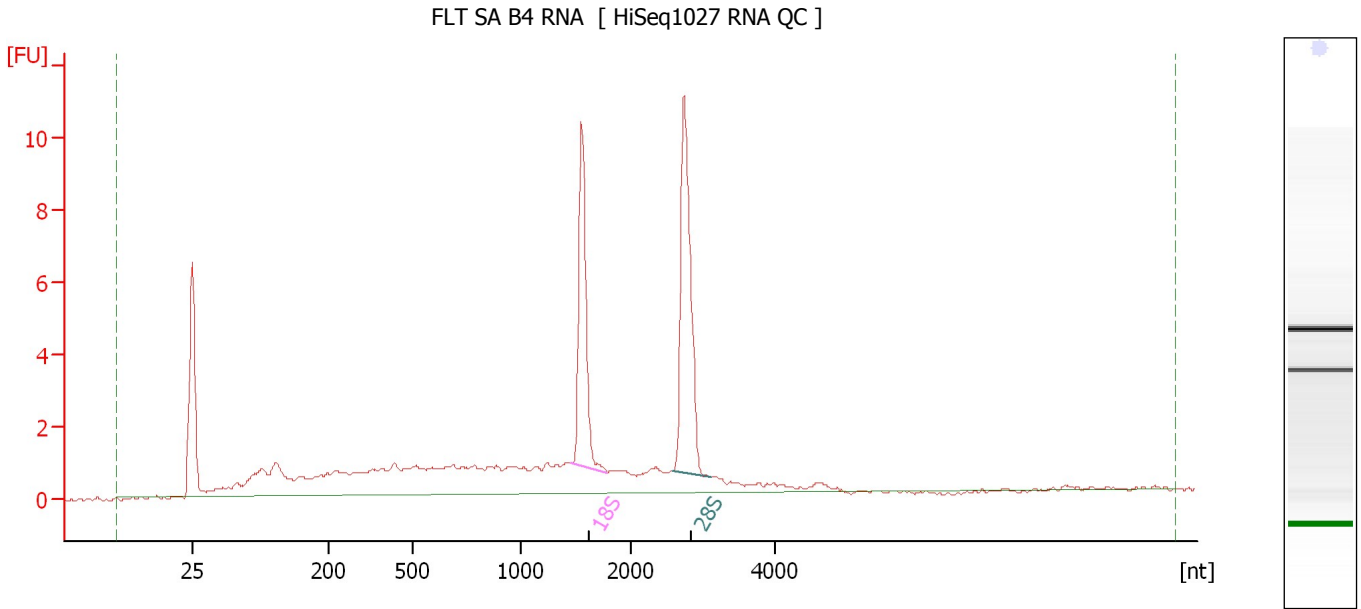
Fragment table for sample 8 : FLT SA B2 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,434	1,776	9.8	26.7
28S	2,587	3,331	15.1	41.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : FLT SA B4 RNA

RNA Area: 66.8 RNA Integrity Number (RIN): 7.1 (B.02.08)
RNA Concentration: 43 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.5 Result Flagging Label: RIN: 7.10

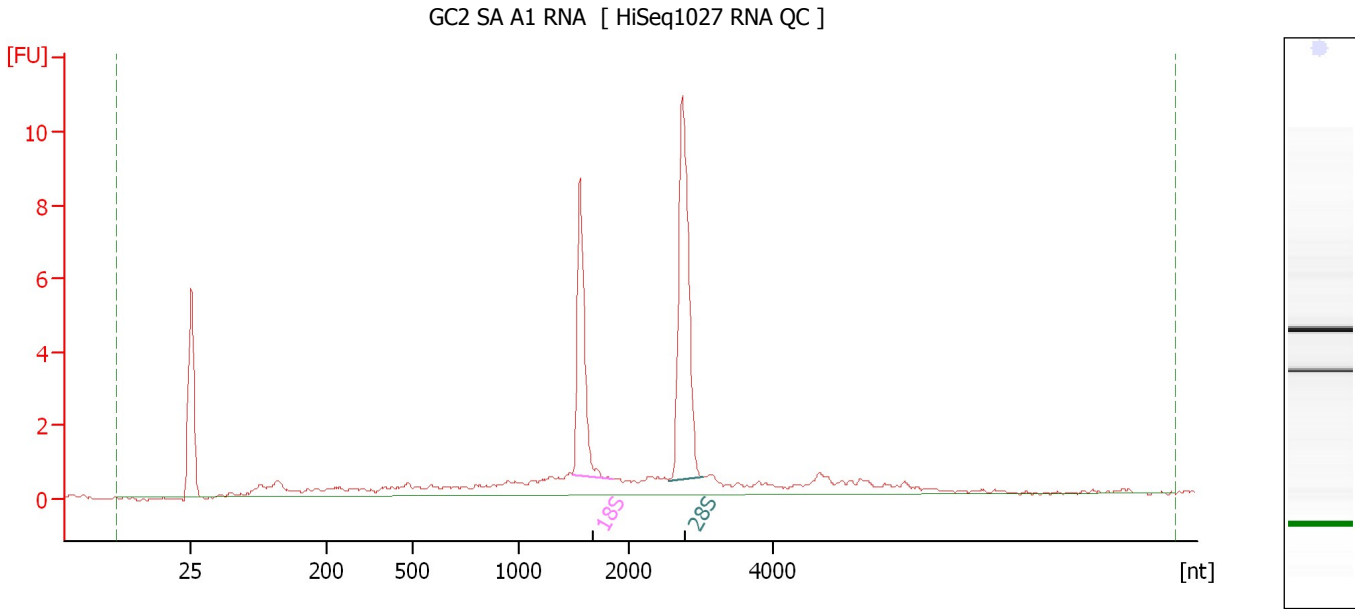
Fragment table for sample 9 : FLT SA B4 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,448	1,783	8.5	12.7
28S	2,587	3,095	12.3	18.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : GC2 SA A1 RNA

RNA Area: 45.0 RNA Integrity Number (RIN): 8.3 (B.02.08)
RNA Concentration: 29 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.7 Result Flagging Label: RIN: 8.30

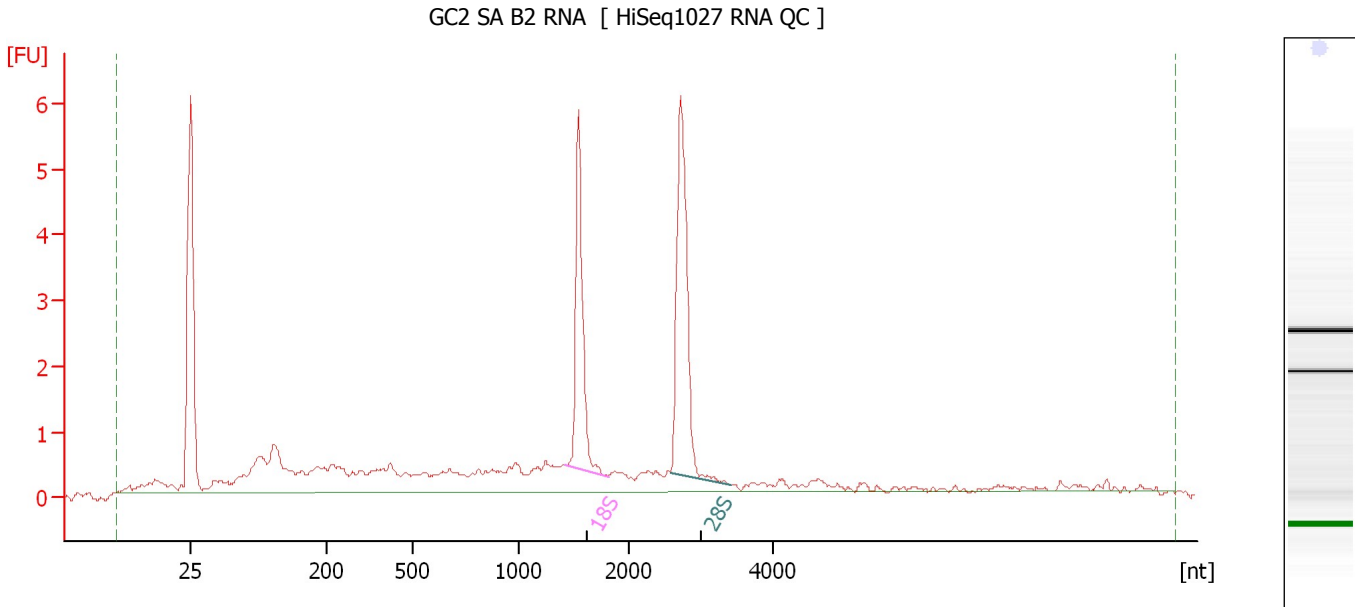
Fragment table for sample 10 : GC2 SA A1 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,485	1,848	7.4	16.4
28S	2,542	3,021	12.5	27.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : GC2 SA B2 RNA

RNA Area: 38.2 RNA Integrity Number (RIN): 7.5 (B.02.08)
RNA Concentration: 25 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 7.50

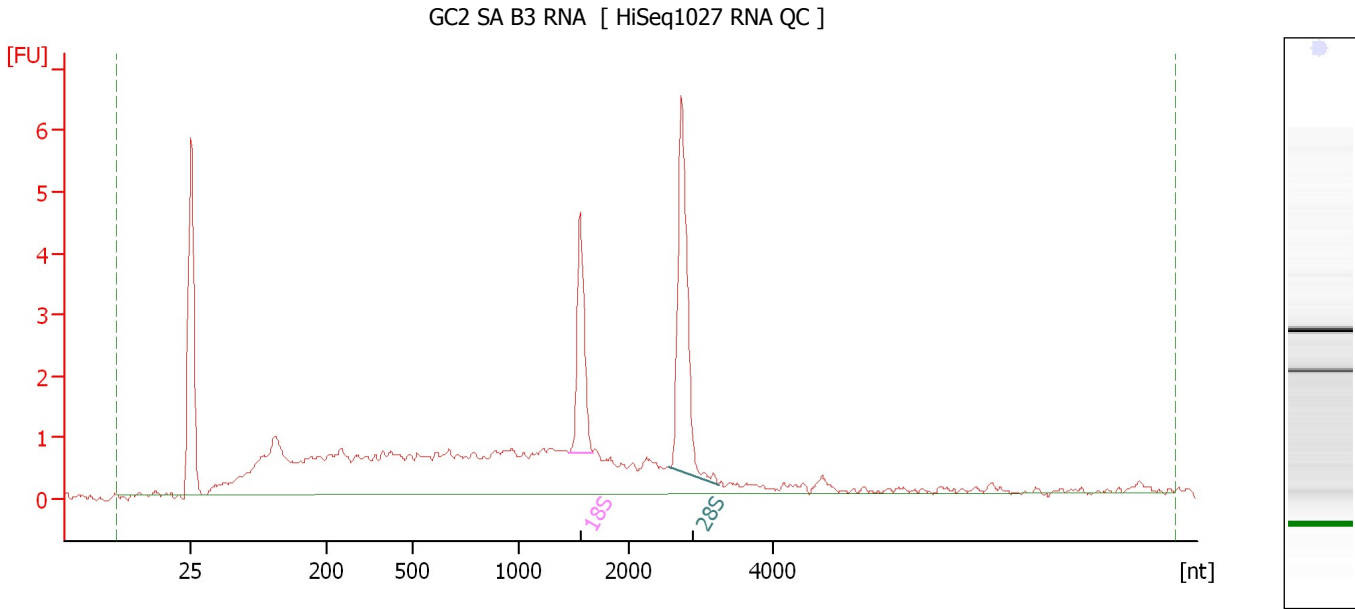
Fragment table for sample 11 : GC2 SA B2 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,427	1,810	4.8	12.7
28S	2,572	3,410	7.0	18.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Electropherogram Summary Continued ...



Overall Results for sample 12 : GC2 SA B3 RNA

RNA Area: 51.6 RNA Integrity Number (RIN): 6.9 (B.02.08)
RNA Concentration: 33 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.0 Result Flagging Label: RIN: 6.90

Fragment table for sample 12 : GC2 SA B3 RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,446	1,666	3.5	6.8
28S	2,557	3,245	6.9	13.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-06-27\2017-06-27_001.xad

Created: 6/27/2017 8:26:09 AM
Modified: 6/27/2017 8:50:00 AM

Gel Image

