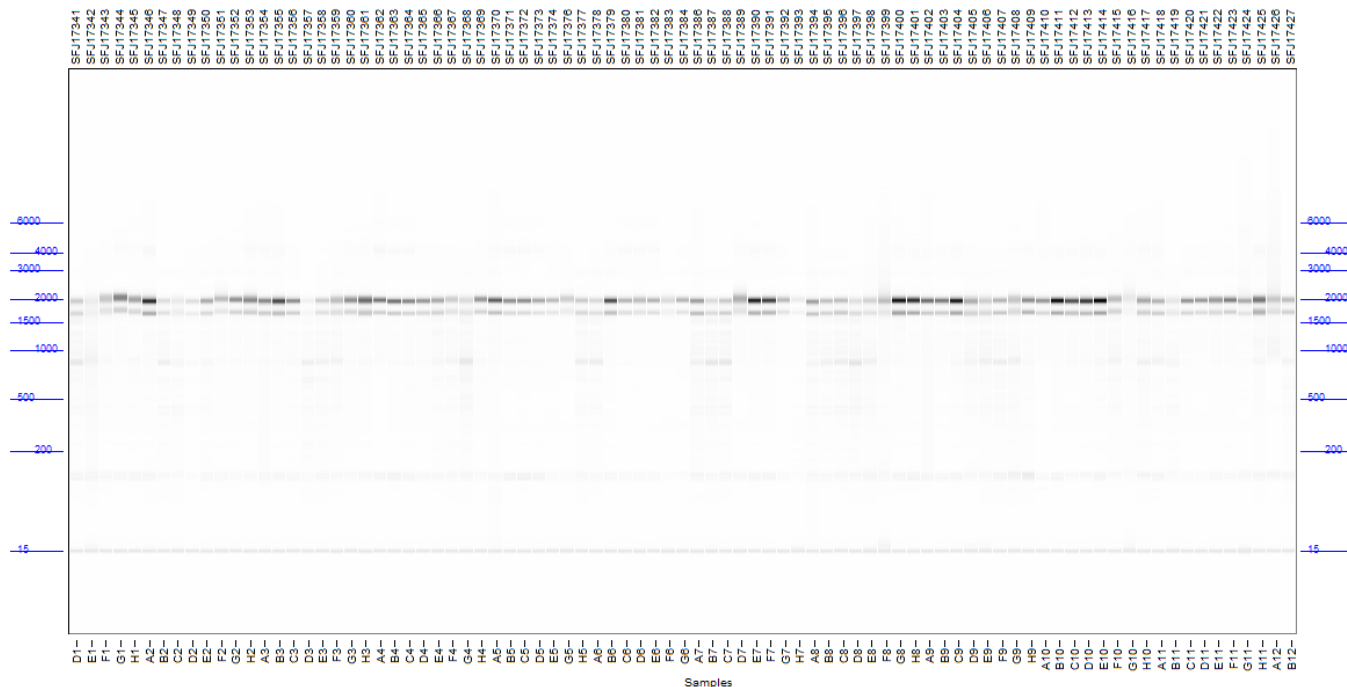
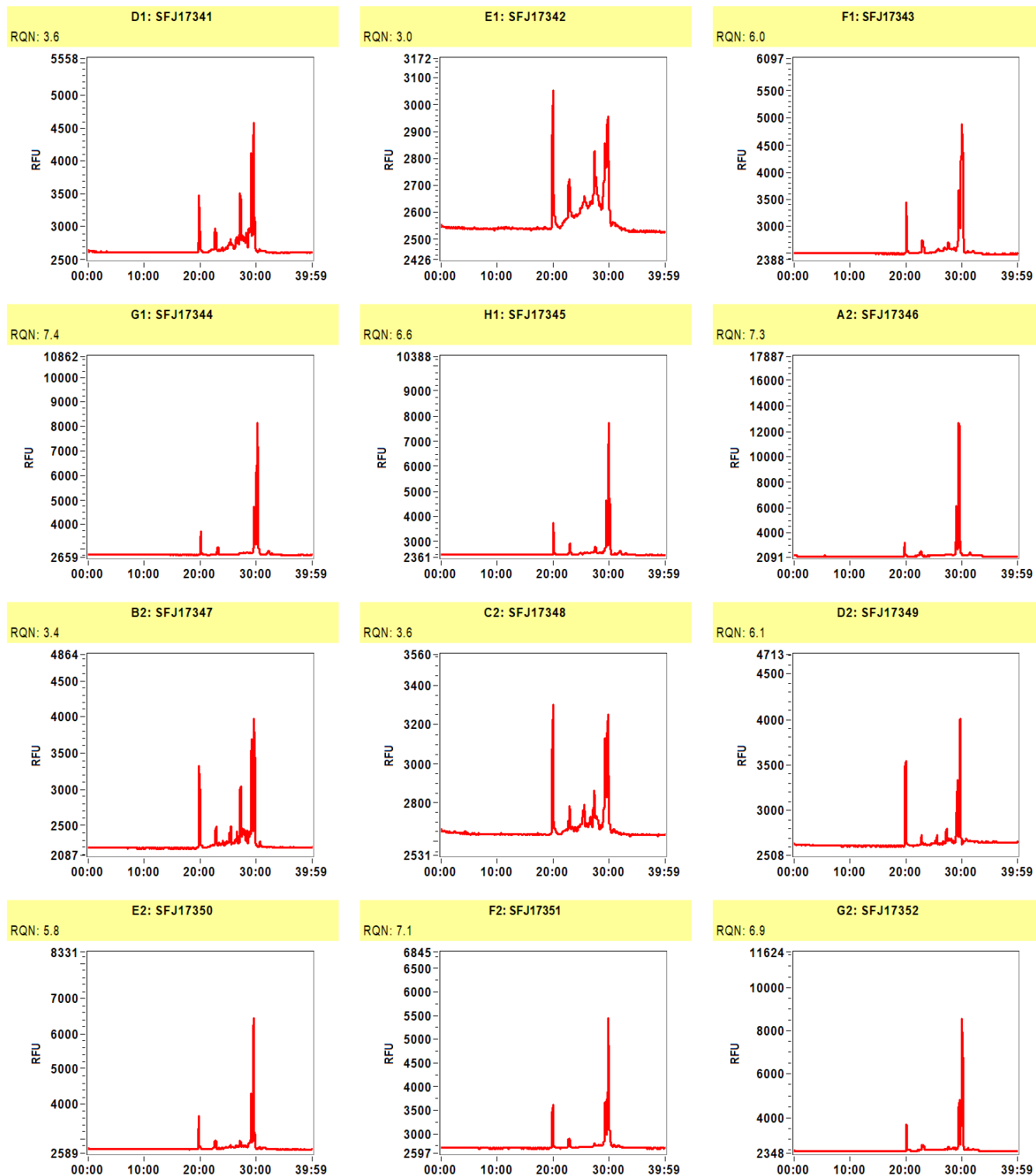


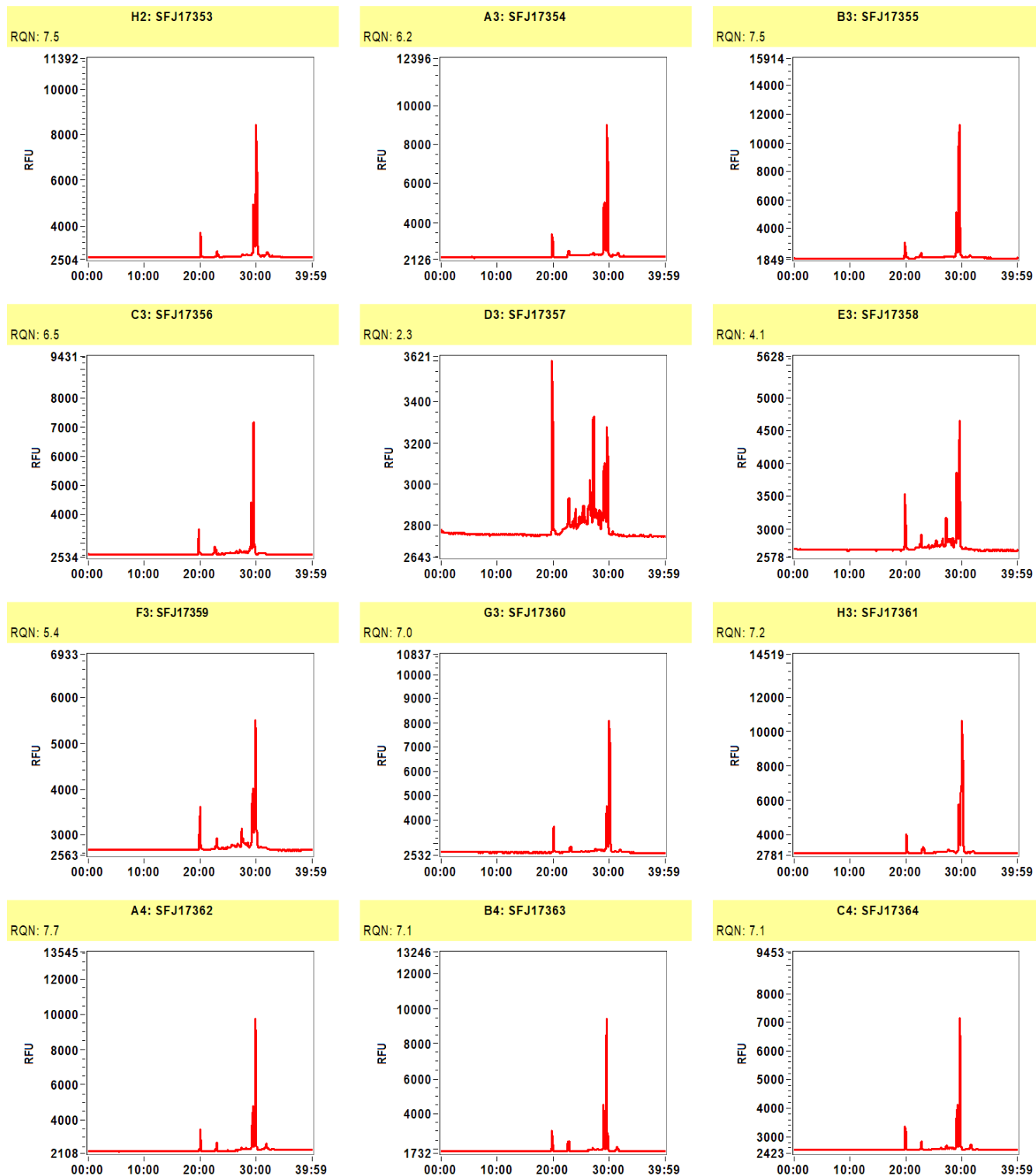
Instrument controller software run summary:

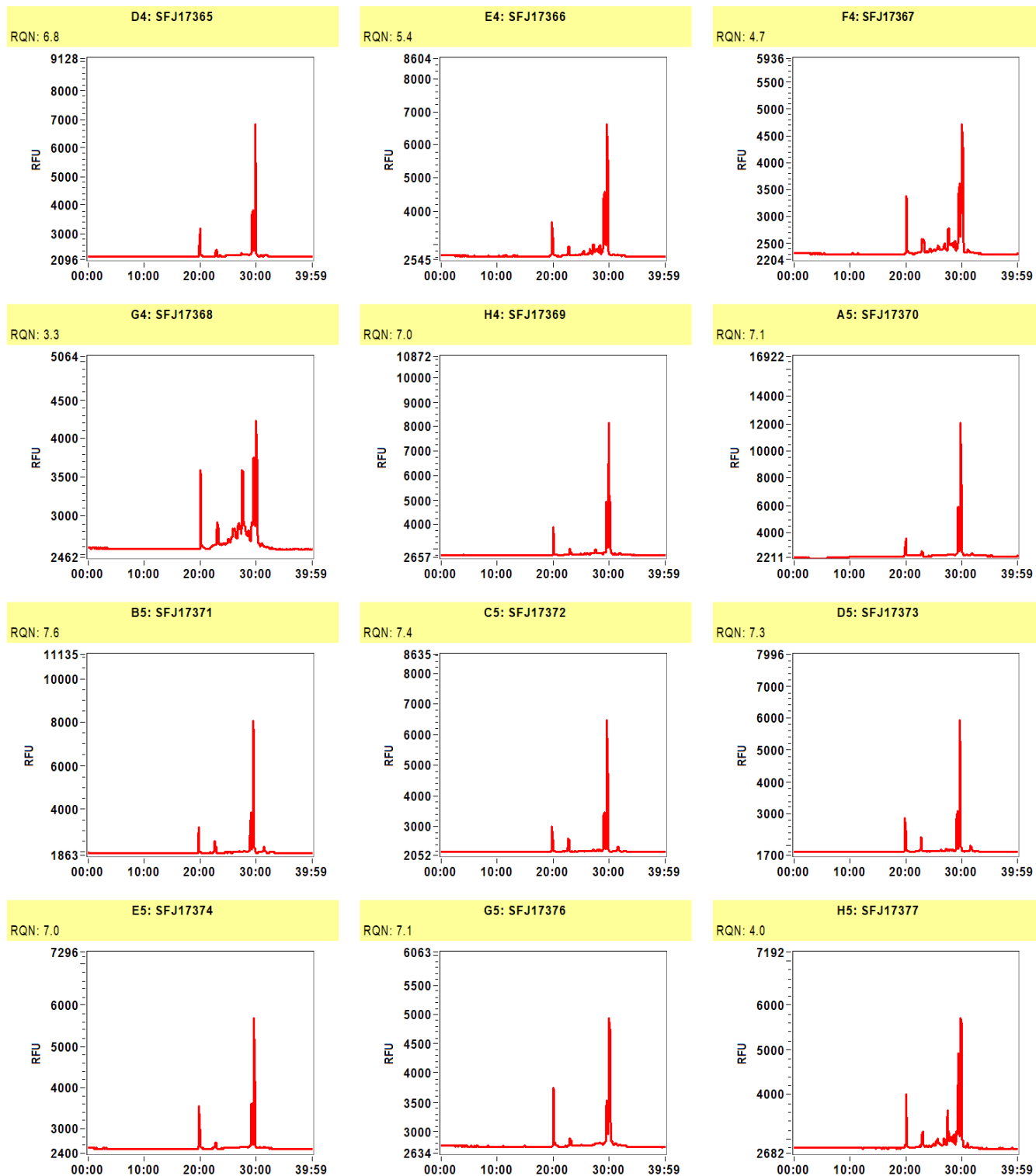
Analysis mode: RNA (Eukaryotic)

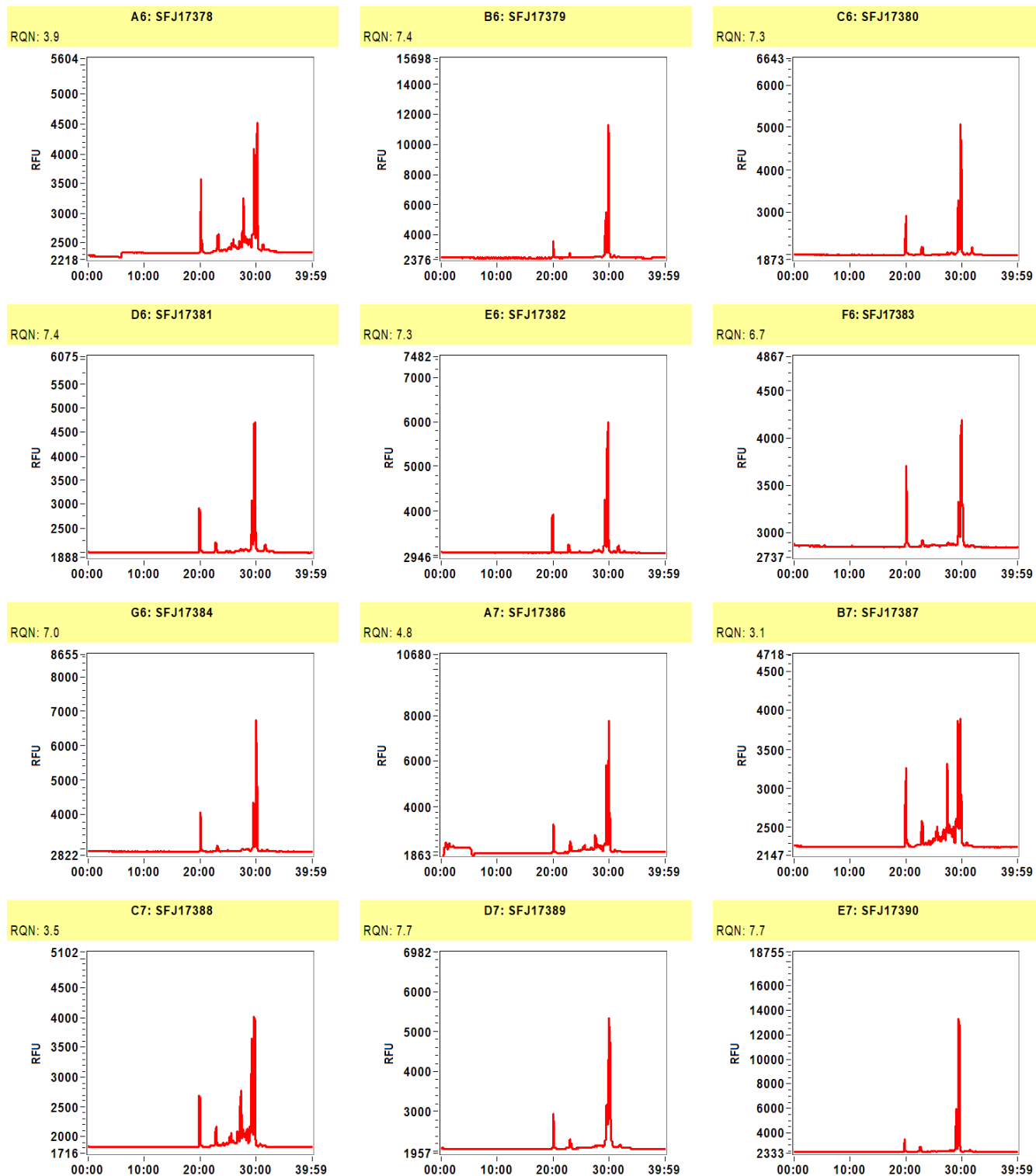
Gel Image

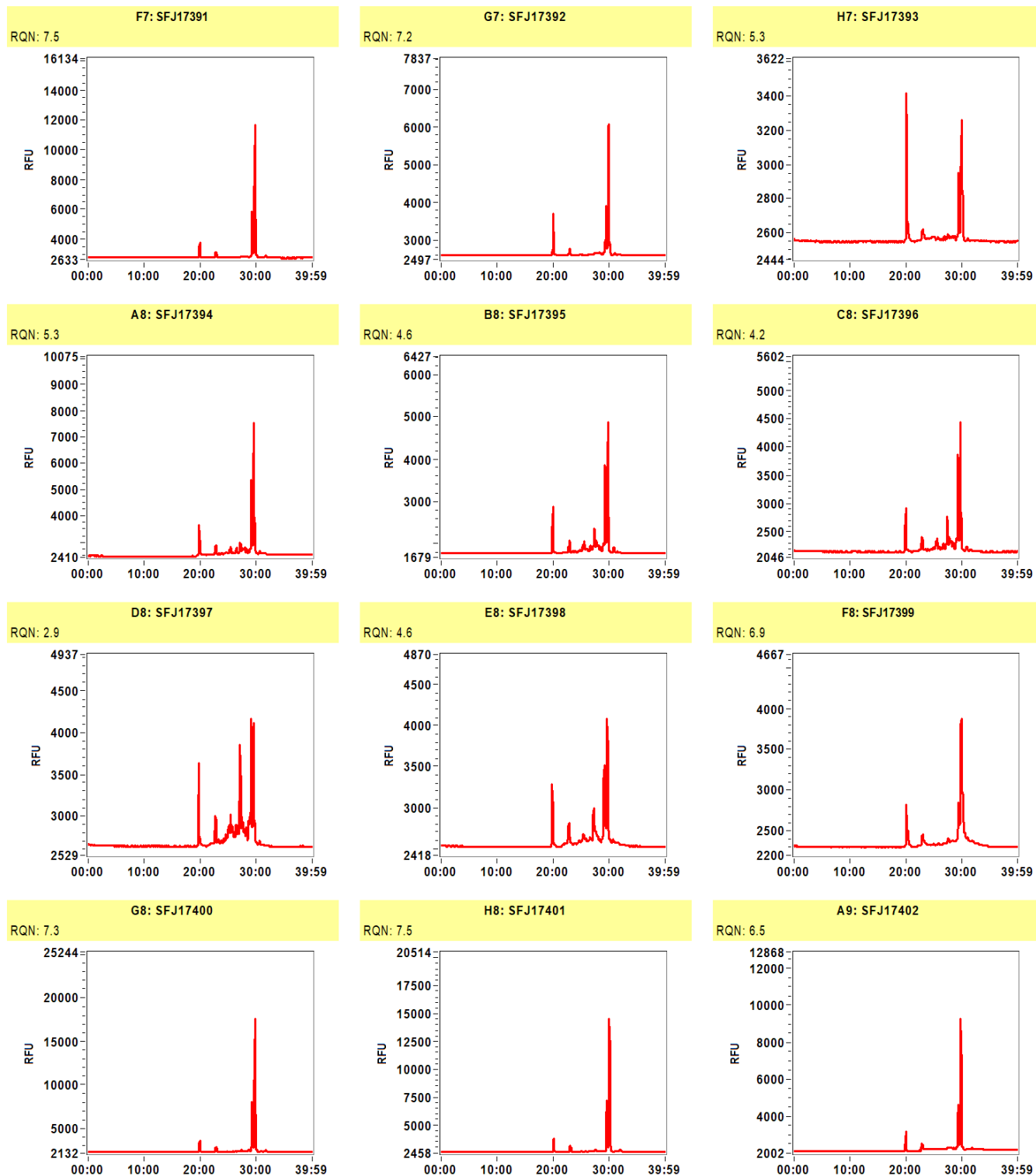


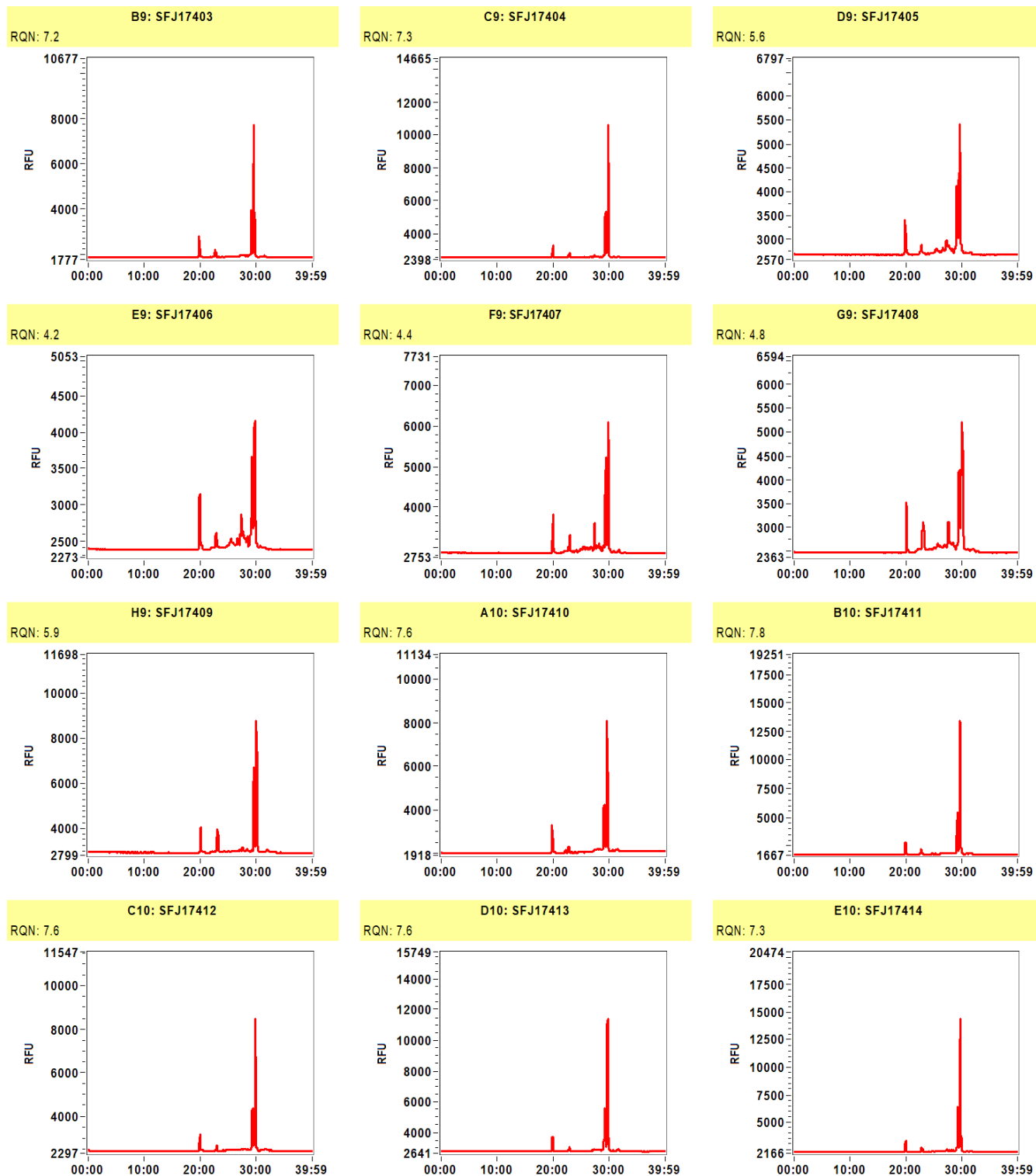


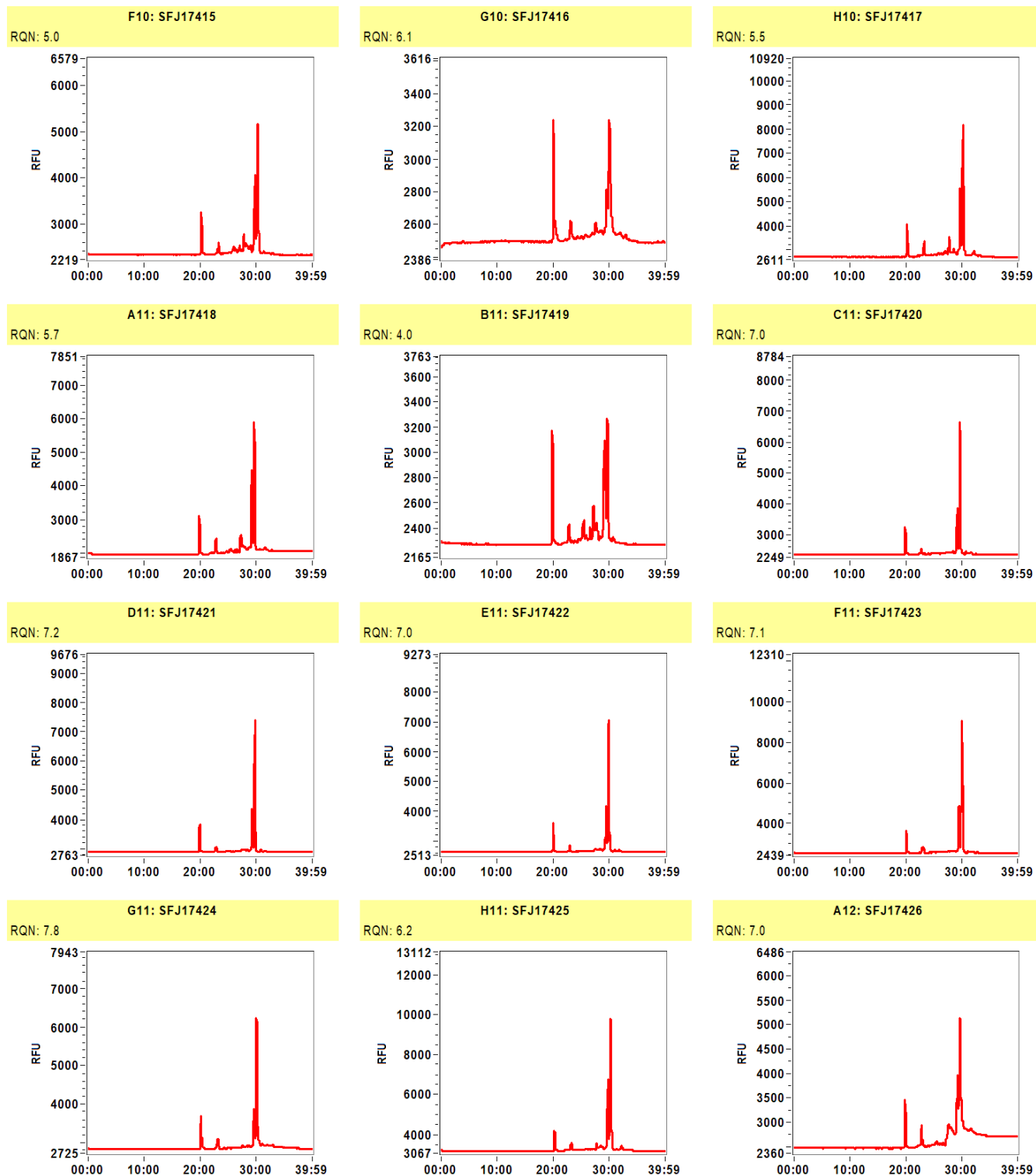


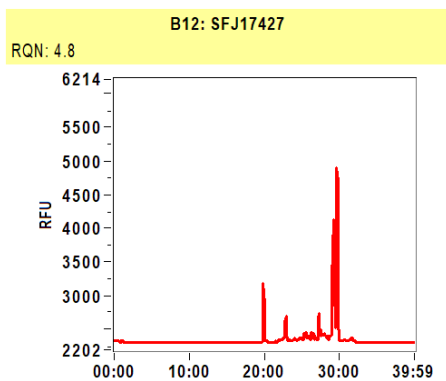




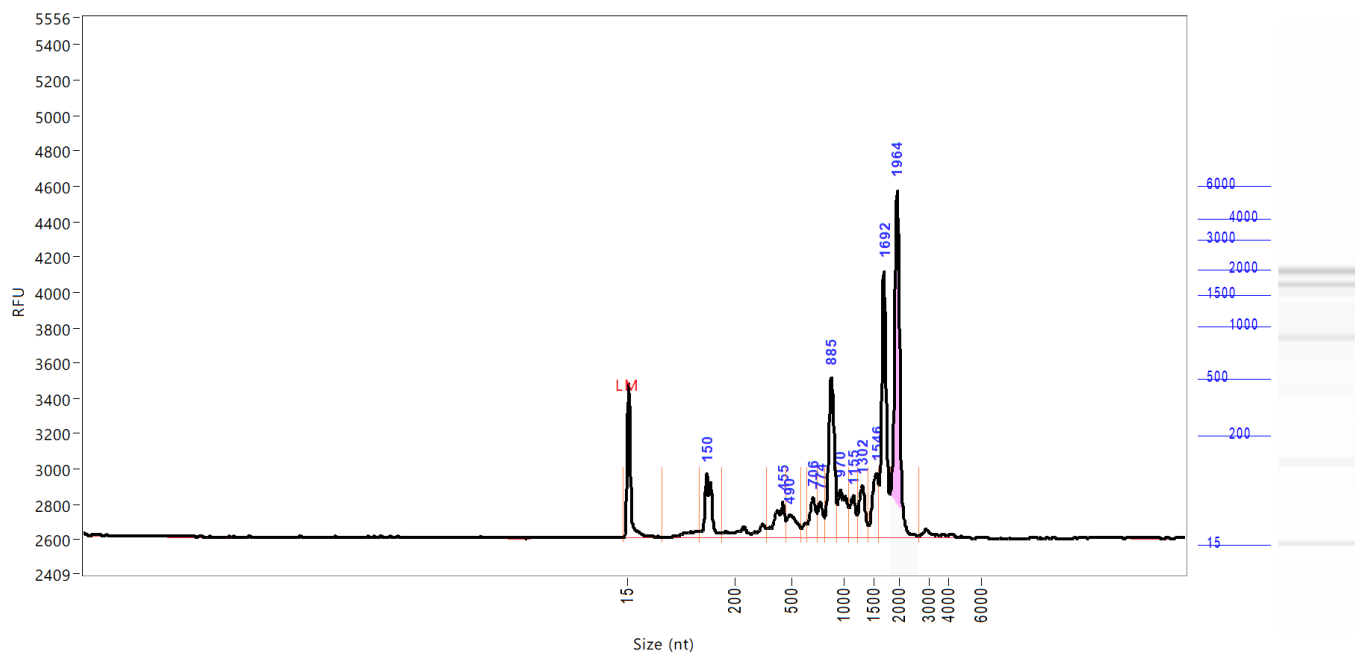








Sample: SFJ17341
Well location: D1



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	6	74	874
2	150	8.0679	138	177	360
3	455	5.5436	371	471	200
4	490	3.8442	471	595	125
5	706	3.8550	650	744	224
6	774	3.1721	744	817	204
7	885	15.1940	817	940	901
8	970	6.1384	940	1082	270
9	1155	3.7888	1082	1221	235
10	1302	4.9406	1221	1412	290
11	1546	6.1349	1412	1601	363
12	1692	18.6920	1601	1819	1504
13	1964	27.8562	1819	2657	1959

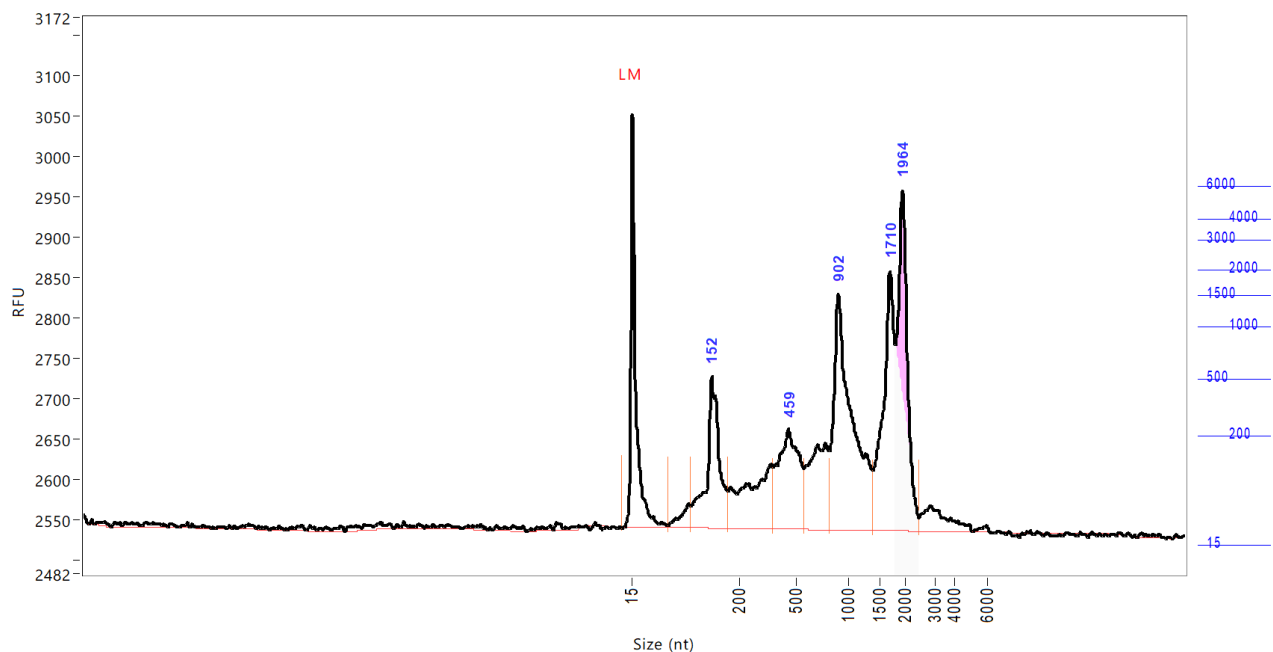
TIC: 107.2277 ng/uL
 TIM: 442.5450 nmole/L
 Total concentration: 114.2898 ng/uL

28s/18s: 0.0
 RQN 3.6

Smear Analysis 200 nt to 10000 nt 103.2836 ng/ul 90.4 %Total 239.0919 nmole/L 1347 Avg. Size (nt) 44.32 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17342
Well location: E1



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	511
2	152	9.5736	116	179	187
3	459	9.2321	378	574	124
4	902	18.2937	817	1390	292
5	1710	11.3483	1390	1819	321
6	1964	12.7897	1819	2463	421

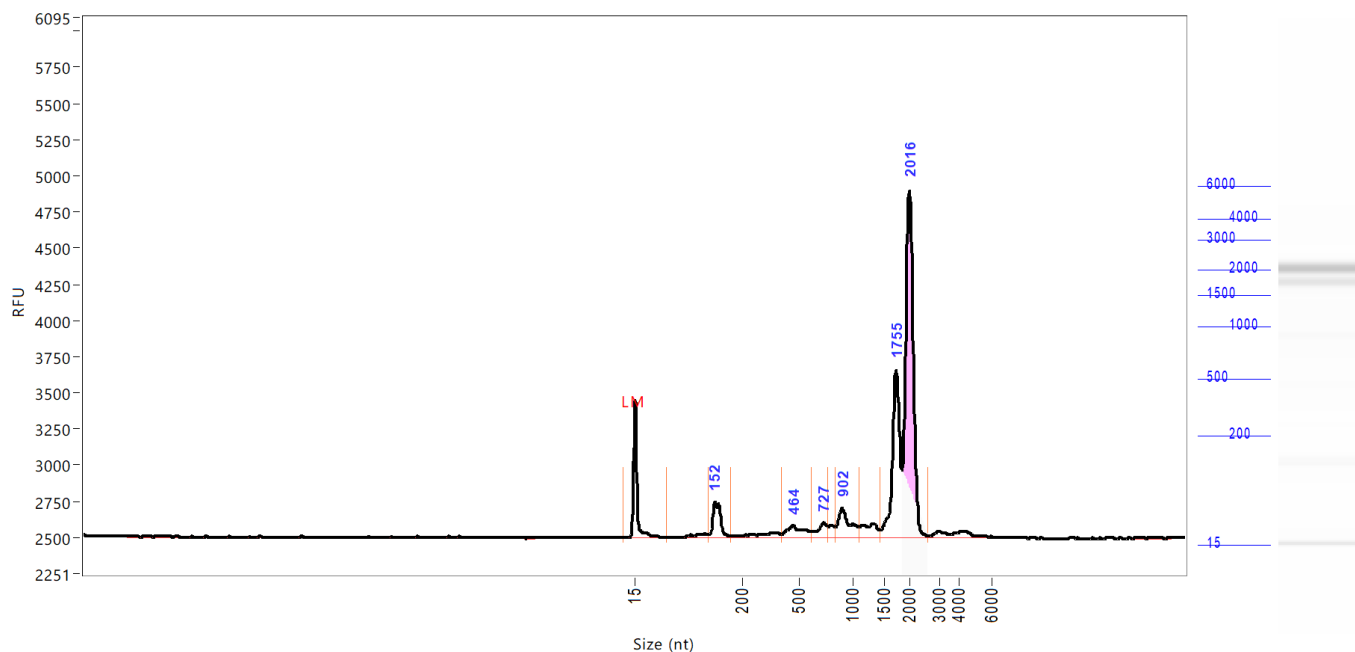
TIC: 61.2375 ng/uL
 TIM: 355.8453 nmole/L
 Total concentration: 79.9276 ng/uL

28s/18s: 0.0
 RQN 3.0

Smear Analysis 200 nt to 10000 nt 67.0808 ng/ul 83.9 %Total 171.9242 nmole/L 1217 Avg. Size (nt) 62.87 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17343
Well location: F1



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	949
2	152	5.7180	141	180	249
3	464	3.7083	404	603	84
4	727	2.6792	603	770	107
5	902	5.8922	838	1096	208
6	1755	20.4128	1449	1873	1155
7	2016	42.0361	1873	2627	2397

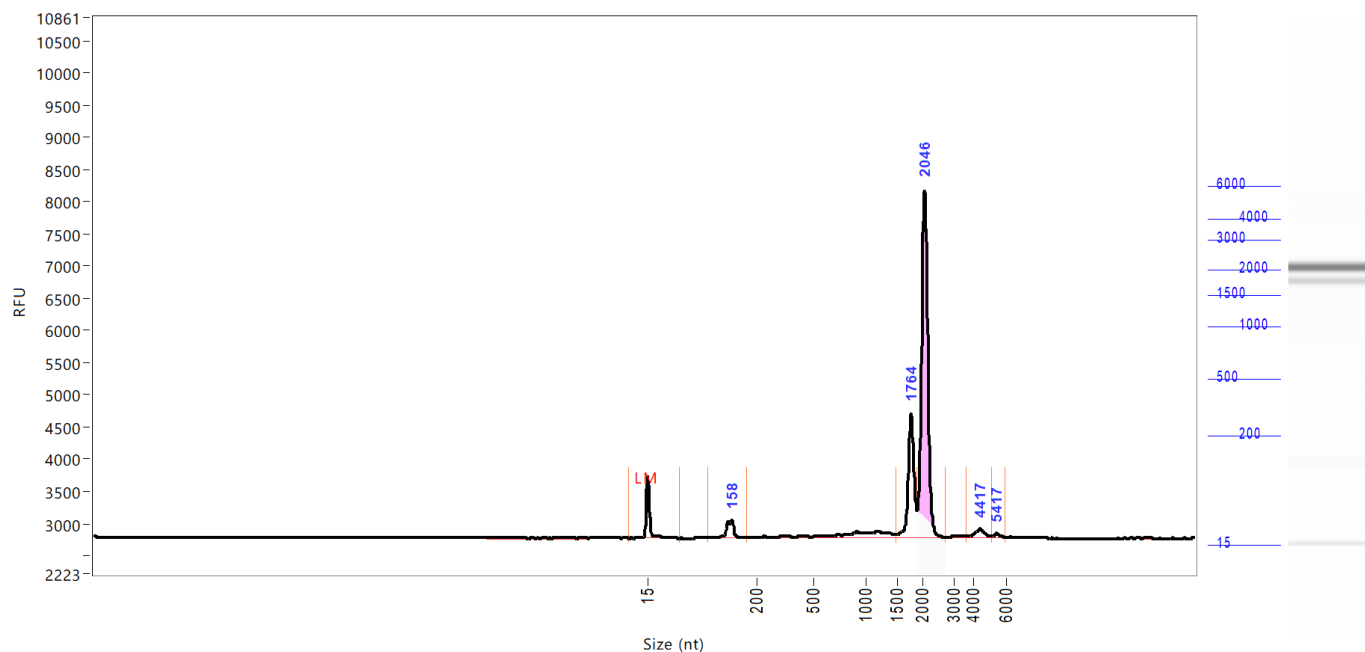
TIC: 80.4466 ng/uL
 TIM: 271.1523 nmole/L
 Total concentration: 91.9288 ng/uL

28s/18s: 0.0
 RQN 6.0

Smear Analysis 200 nt to 10000 nt 84.2753 ng/ul 91.7 %Total 149.1789 nmole/L 1762 Avg. Size (nt) 40.51 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17344
Well location: G1



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	963
2	158	6.5246	117	184	283
3	1764	26.8249	1478	1891	1937
4	2046	77.7685	1891	2717	5392
5	4417	3.3646	3628	5112	141
6	5417	1.0400	5112	5972	73

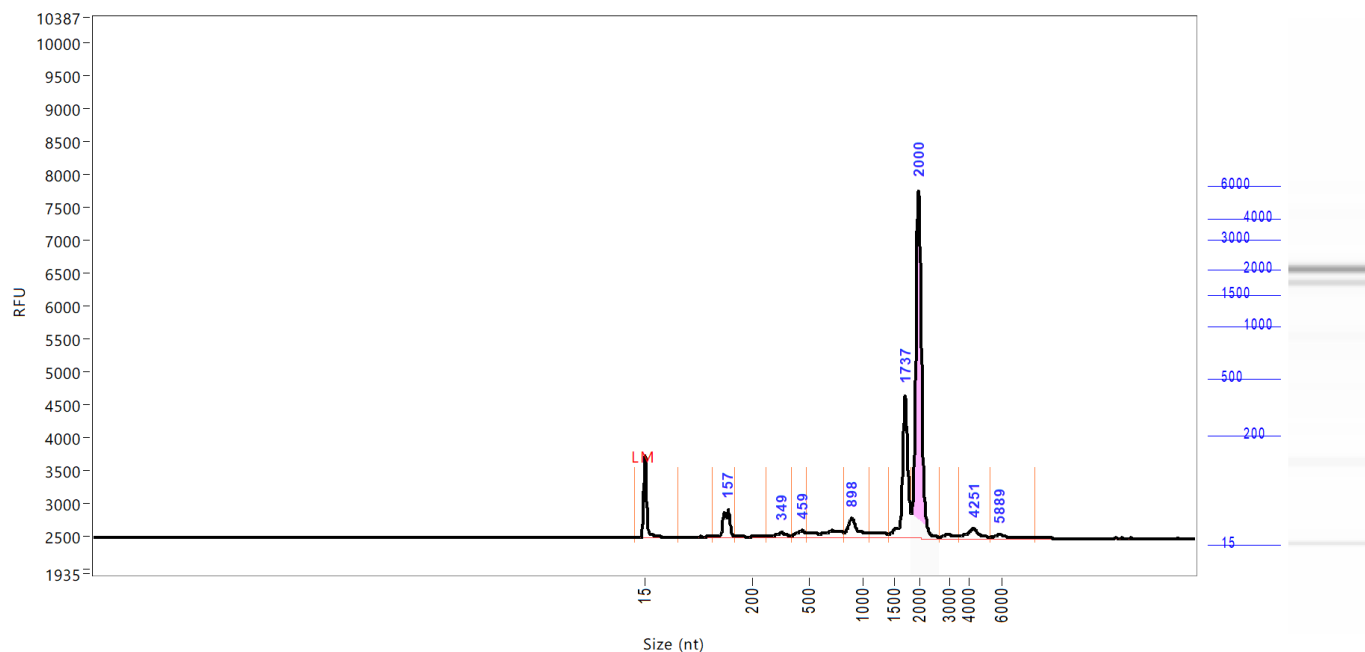
TIC: 115.5226 ng/uL
 TIM: 301.0146 nmole/L
 Total concentration: 131.6491 ng/uL

28s/18s: 0.0
 RQN 7.4

Smear Analysis 200 nt to 10000 nt 124.3614 ng/ul 94.5 %Total 195.4057 nmole/L 1985 Avg. Size (nt) 37.55 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17345
Well location: H1



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	71	1265
2	157	7.1729	131	170	434
3	349	2.1800	270	402	89
4	459	2.1849	402	481	114
5	898	6.1897	825	1104	304
6	1737	22.4121	1419	1855	2162
7	2000	55.6460	1855	2687	5277
8	4251	3.0140	3442	5278	147
9	5889	1.4077	5278	8005	64

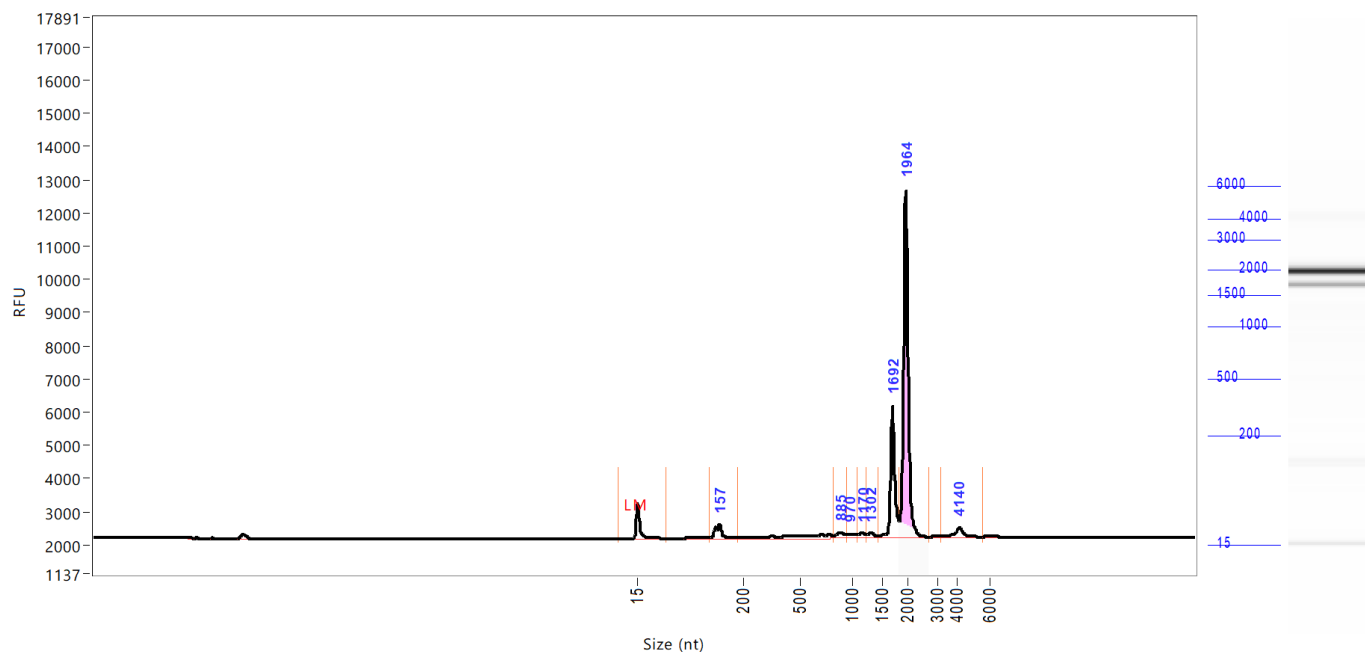
TIC: 100.2073 ng/uL
TIM: 331.8783 nmole/L
Total concentration: 111.7506 ng/uL

28s/18s: 0.0
RQN 6.6

Smear Analysis 200 nt to 10000 nt 102.9330 ng/uL 92.1 %Total 173.4655 nmole/L 1851 Avg. Size (nt) 48.10 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17346
Well location: A2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	64	1062
2	157	7.9229	139	188	441
3	885	3.2352	817	940	174
4	970	2.5871	940	1082	130
5	1170	2.2668	1082	1228	161
6	1302	2.6016	1228	1434	153
7	1692	35.9508	1434	1837	3967
8	1964	99.7273	1837	2717	10457
9	4140	7.0340	3117	5556	312

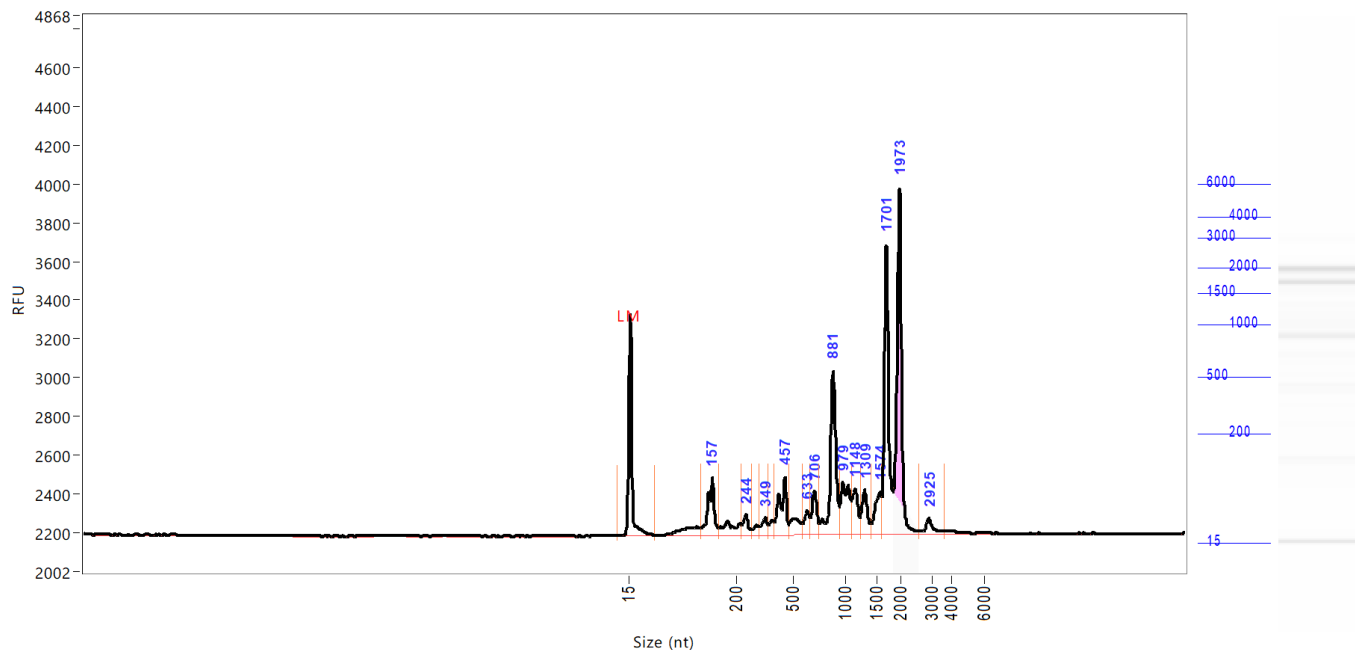
TIC: 161.3257 ng/uL
 TIM: 418.8126 nmole/L
 Total concentration: 176.6384 ng/uL

28s/18s: 0.0
 RQN 7.3

Smear Analysis 200 nt to 10000 nt 166.4604 ng/uL 94.2 %Total 266.2580 nmole/L 1950 Avg. Size (nt) 47.75 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17347
Well location: B2

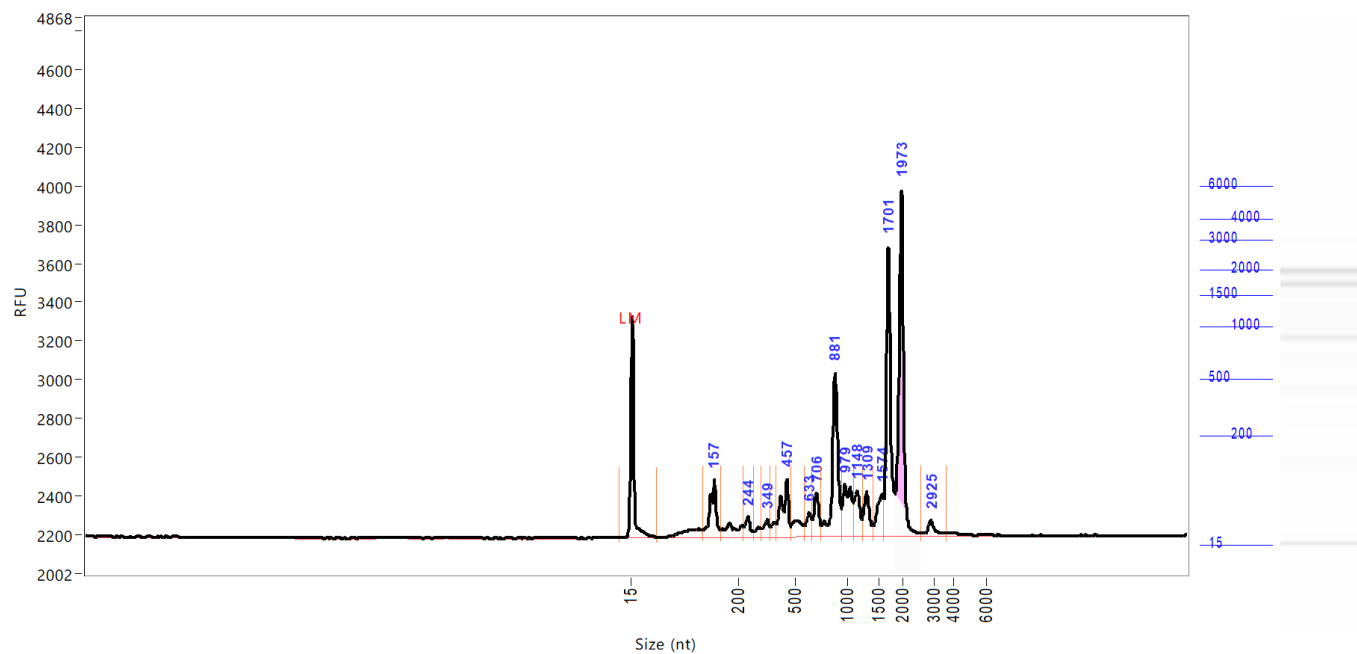


Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	58	1135
2	157	5.2185	137	168	297
3	244	1.4388	223	278	102
4	349	1.2315	323	366	88
5	457	4.9082	400	476	298
6	633	1.5749	586	659	125
7	706	2.7933	659	753	224
8	881	10.9842	753	940	840
9	979	5.2550	940	1089	269
10	1148	3.1939	1089	1236	237
11	1309	2.9835	1236	1419	230
12	1574	3.2416	1419	1610	221
13	1701	13.7398	1610	1837	1492
14	1973	17.8781	1837	2583	1780
15	2925	1.4200	2583	3652	83

TIC: 75.8612 ng/uL
 TIM: 323.4672 nmole/L
 Total concentration: 84.3248 ng/uL
 28s/18s: 0.0
 RQN 3.4

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

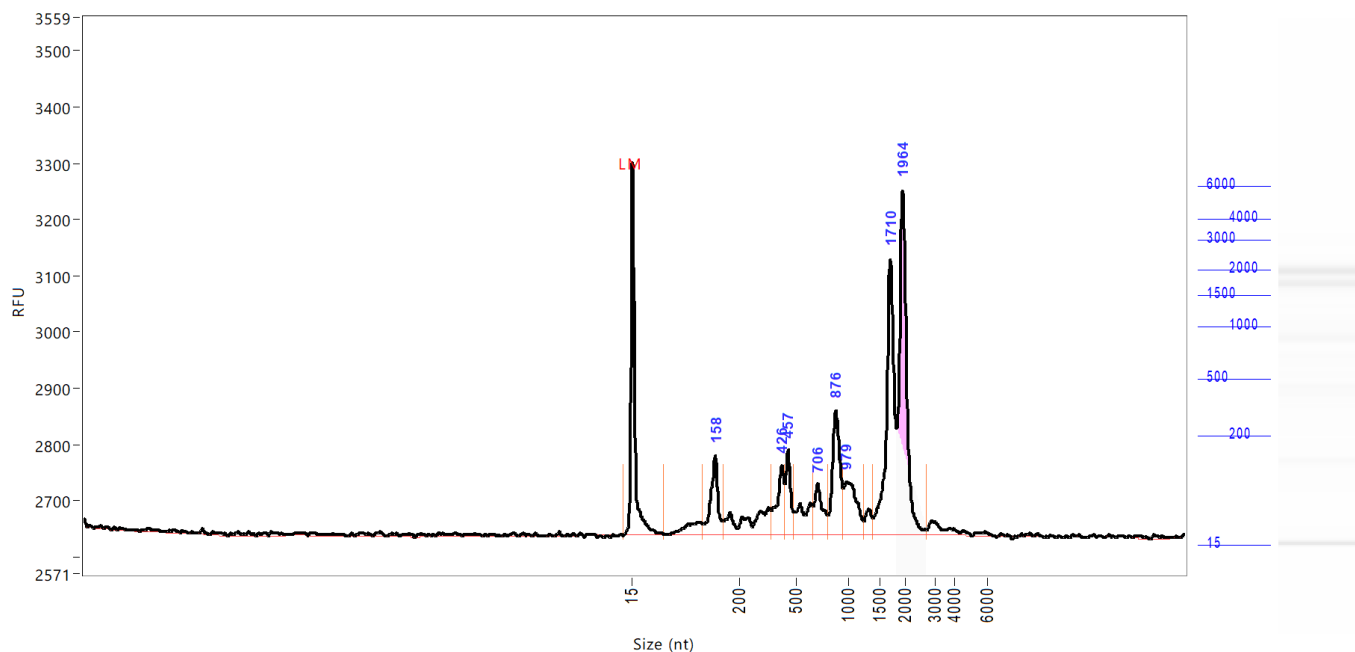
Sample: SFJ17347
Well location: B2



Peak	Size	Concentration	From	To	RFU		
	(nt)	(ng/uL)	(nt)	(nt)			
Smear Analysis	200 nt to 10000 nt	74.7380 ng/uL		88.6 %Total	171.6063 nmole/L	1358 Avg. Size (nt)	58.10 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17348
Well location: C2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	662
2	158	3.9465	137	171	142
3	426	3.3289	368	443	124
4	457	2.6575	443	488	152
5	706	2.5478	663	800	90
6	876	5.7624	800	949	220
7	979	4.0077	949	1243	95
8	1710	11.9317	1390	1846	491
9	1964	13.6289	1846	2732	611

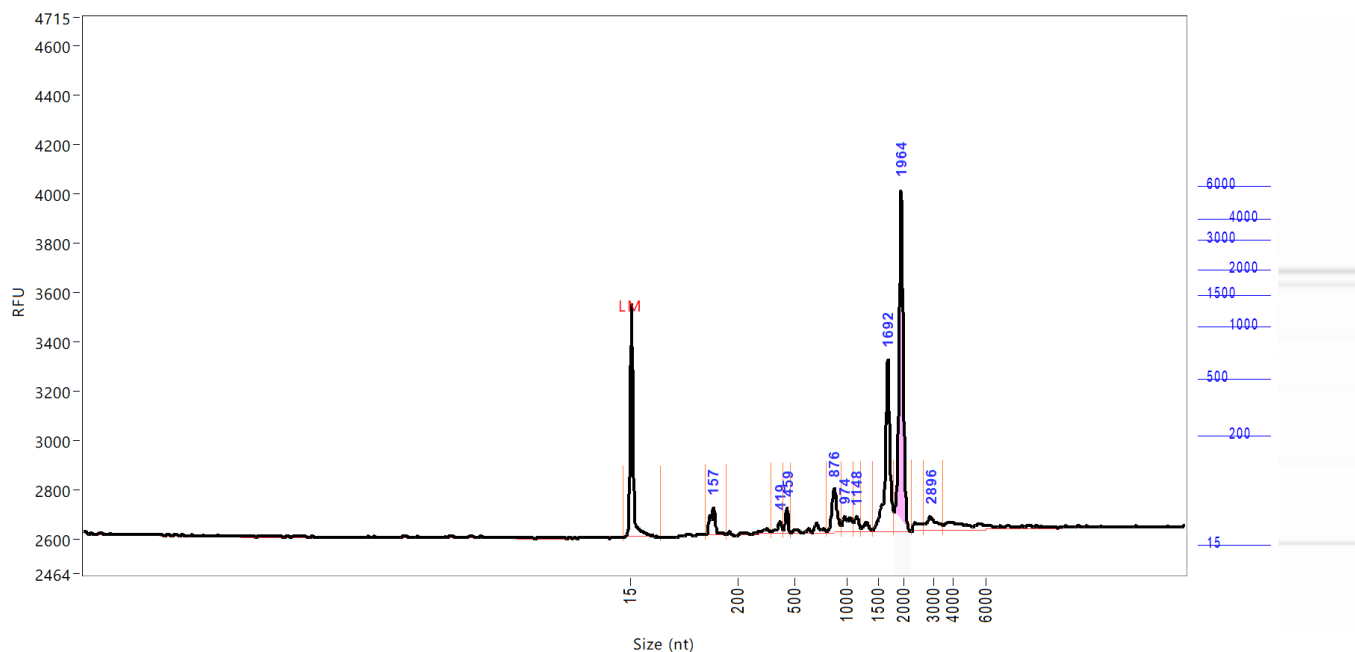
TIC: 47.8115 ng/uL
 TIM: 209.0293 nmole/L
 Total concentration: 58.7265 ng/uL

28s/18s: 0.0
 RQN 3.6

Smear Analysis 200 nt to 10000 nt 51.6069 ng/uL 87.9 %Total 118.6257 nmole/L 1357 Avg. Size (nt) 59.06 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17349
Well location: D2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	67	936
2	157	1.9672	143	179	112
3	419	0.7297	376	438	50
4	459	0.8967	438	478	103
5	876	2.6789	800	936	177
6	974	1.4982	936	1089	64
7	1148	0.8673	1089	1228	60
8	1692	9.2359	1405	1819	696
9	1964	15.8086	1819	2254	1376
10	2896	1.5449	2657	3512	58

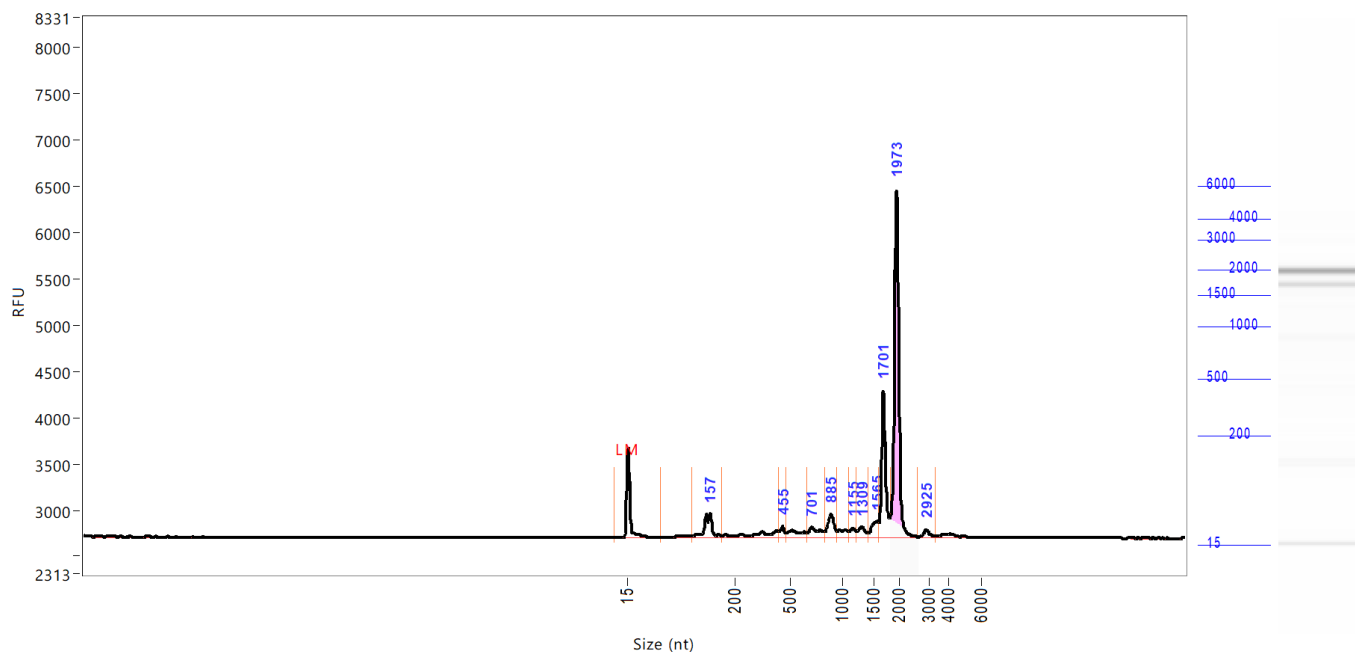
TIC: 35.2273 ng/uL
 TIM: 111.8945 nmole/L
 Total concentration: 41.7358 ng/uL

28s/18s: 0.0
 RQN 6.1

Smear Analysis 200 nt to 10000 nt 38.9891 ng/uL 93.4 %Total 61.7334 nmole/L 1970 Avg. Size (nt) 67.99 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17350
Well location: E2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	73	972
2	157	6.4868	126	179	259
3	455	1.6954	433	476	123
4	701	3.2222	655	821	111
5	885	4.4679	821	945	253
6	1155	1.5513	1096	1221	106
7	1309	2.1077	1221	1405	116
8	1565	3.2163	1405	1601	182
9	1701	16.3759	1601	1828	1594
10	1973	41.3189	1828	2642	3751
11	2925	1.4426	2642	3373	88

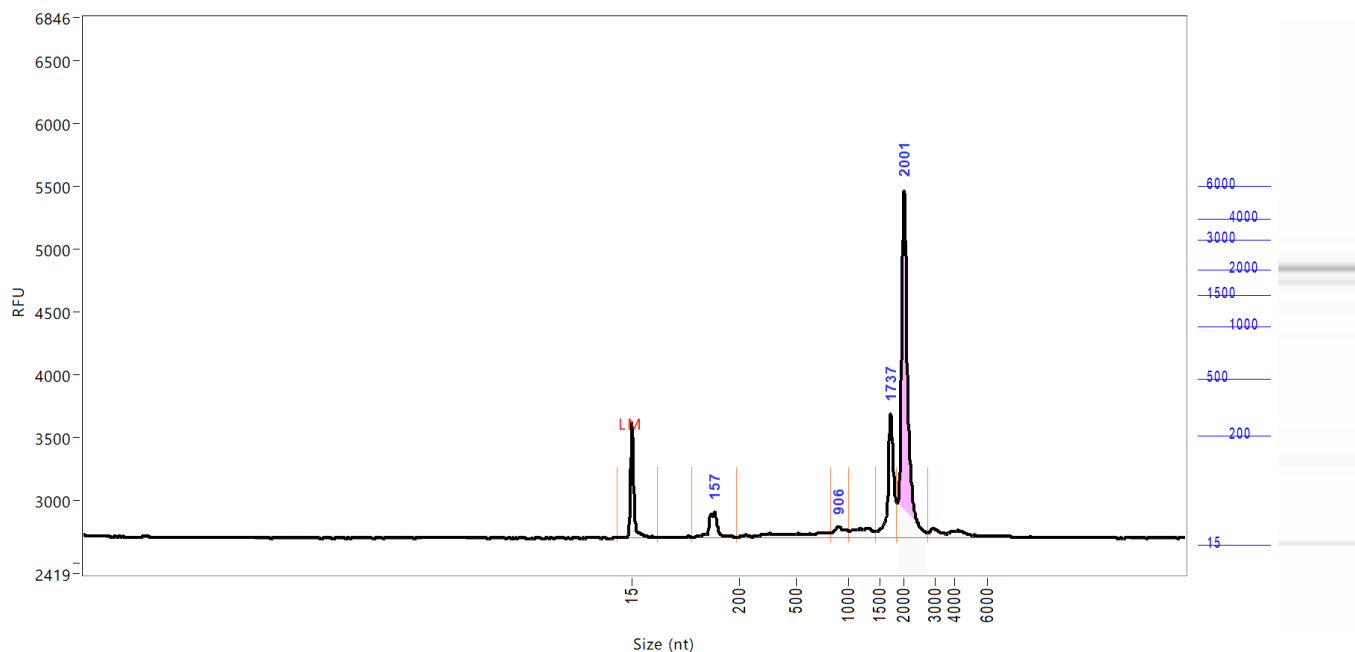
TIC: 81.8849 ng/uL
 TIM: 285.8327 nmole/L
 Total concentration: 94.1083 ng/uL

28s/18s: 0.0
 RQN 5.8

Smear Analysis 200 nt to 10000 nt 85.7002 ng/uL 91.1 %Total 160.3305 nmole/L 1667 Avg. Size (nt) 43.42 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17351
Well location: F2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	60	922
2	157	5.9849	118	197	213
3	906	2.6734	829	1008	91
4	1737	14.0500	1449	1864	991
5	2001	41.3260	1864	2776	2761

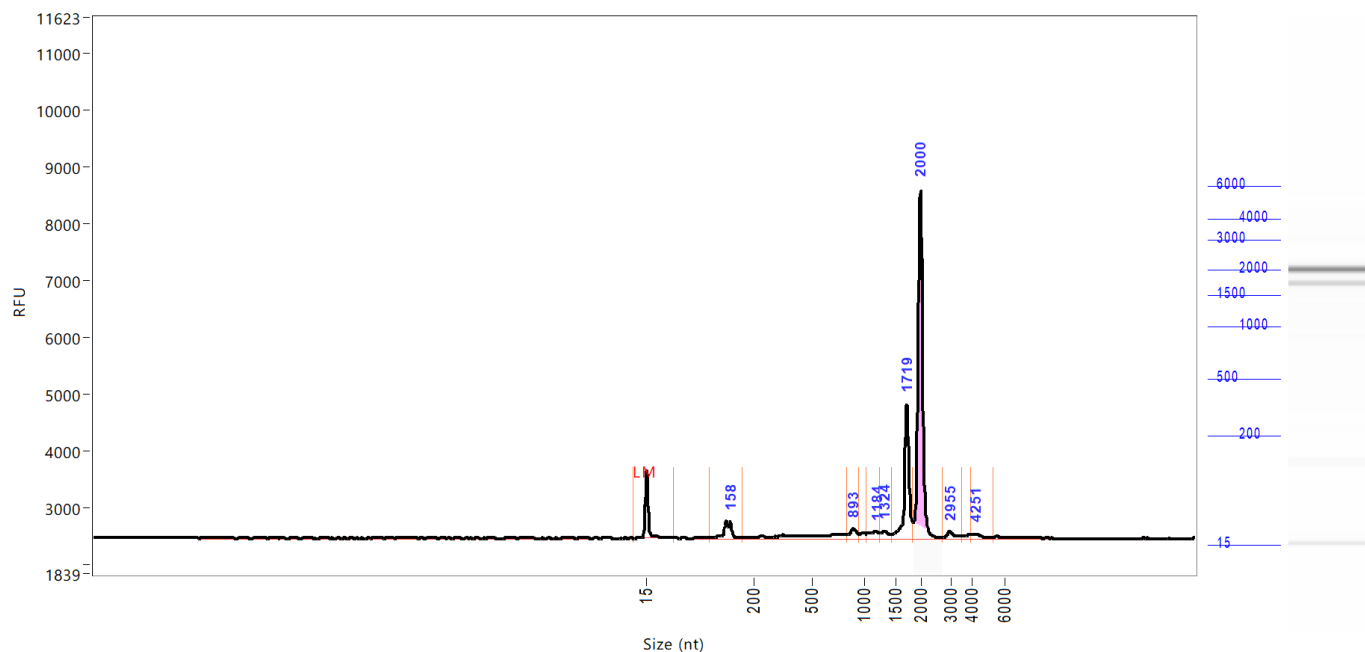
TIC: 64.0343 ng/uL
 TIM: 217.1647 nmole/L
 Total concentration: 79.2490 ng/uL

28s/18s: 0.0
 RQN 7.1

Smear Analysis 200 nt to 10000 nt 72.4459 ng/ul 91.4 %Total 114.9771 nmole/L 1965 Avg. Size (nt) 49.02 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17352
Well location: G2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	61	1208
2	158	5.8351	122	180	300
3	893	2.6029	825	949	168
4	1184	2.5508	1016	1250	126
5	1324	1.9121	1250	1434	130
6	1719	21.6010	1434	1855	2361
7	2000	55.0448	1855	2702	6109
8	2955	1.7968	2702	3559	121
9	4251	1.4761	4000	5334	79

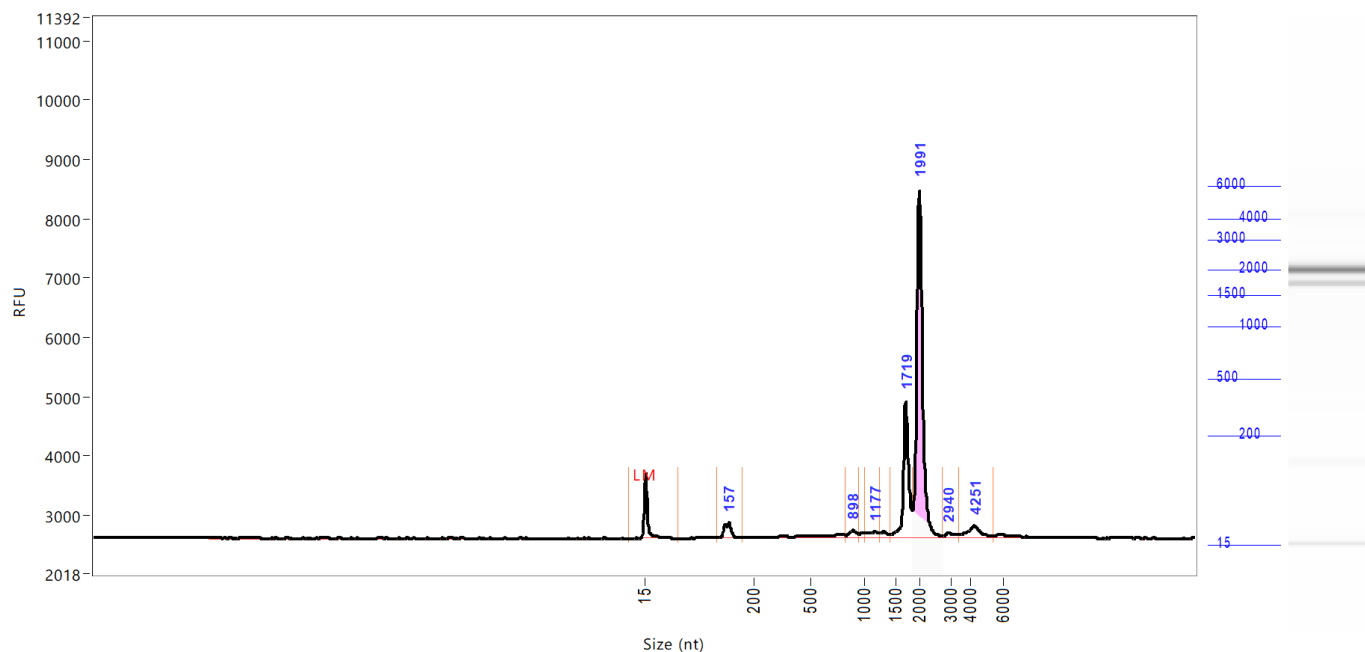
TIC: 92.8196 ng/uL
 TIM: 267.4467 nmole/L
 Total concentration: 103.3604 ng/uL

28s/18s: 0.0
 RQN 6.9

Smear Analysis 200 nt to 10000 nt 96.4228 ng/uL 93.3 %Total 162.2774 nmole/L 1853 Avg. Size (nt) 41.08 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17353
Well location: H2



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	1088
2	157	5.1470	136	181	261
3	898	2.4071	829	949	129
4	1177	2.6260	1016	1243	113
5	1719	26.7328	1419	1855	2299
6	1991	72.7864	1855	2761	5851
7	2940	1.9314	2761	3442	92
8	4251	5.8504	3442	5417	217

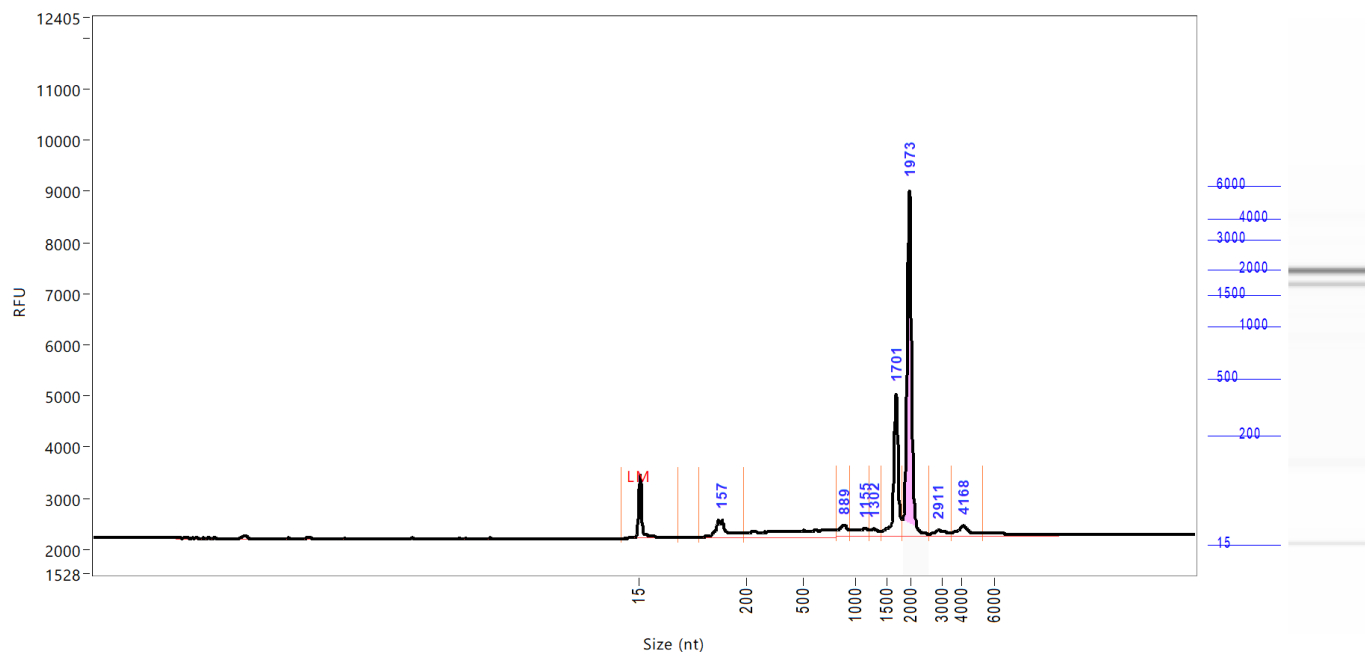
TIC: 117.4811 ng/uL
 TIM: 287.2481 nmole/L
 Total concentration: 129.2962 ng/uL

28s/18s: 0.0
 RQN 7.5

Smear Analysis 200 nt to 10000 nt 123.2520 ng/ul 95.3 %Total 187.2116 nmole/L 2054 Avg. Size (nt) 49.24 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17354
Well location: A3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	81	1234
2	157	10.3264	118	195	347
3	889	3.7138	821	940	224
4	1155	4.6204	940	1228	159
5	1302	2.3066	1228	1412	148
6	1701	23.5313	1412	1828	2773
7	1973	56.3078	1828	2597	6752
8	2911	2.4751	2597	3489	123
9	4168	4.4599	3489	5361	208

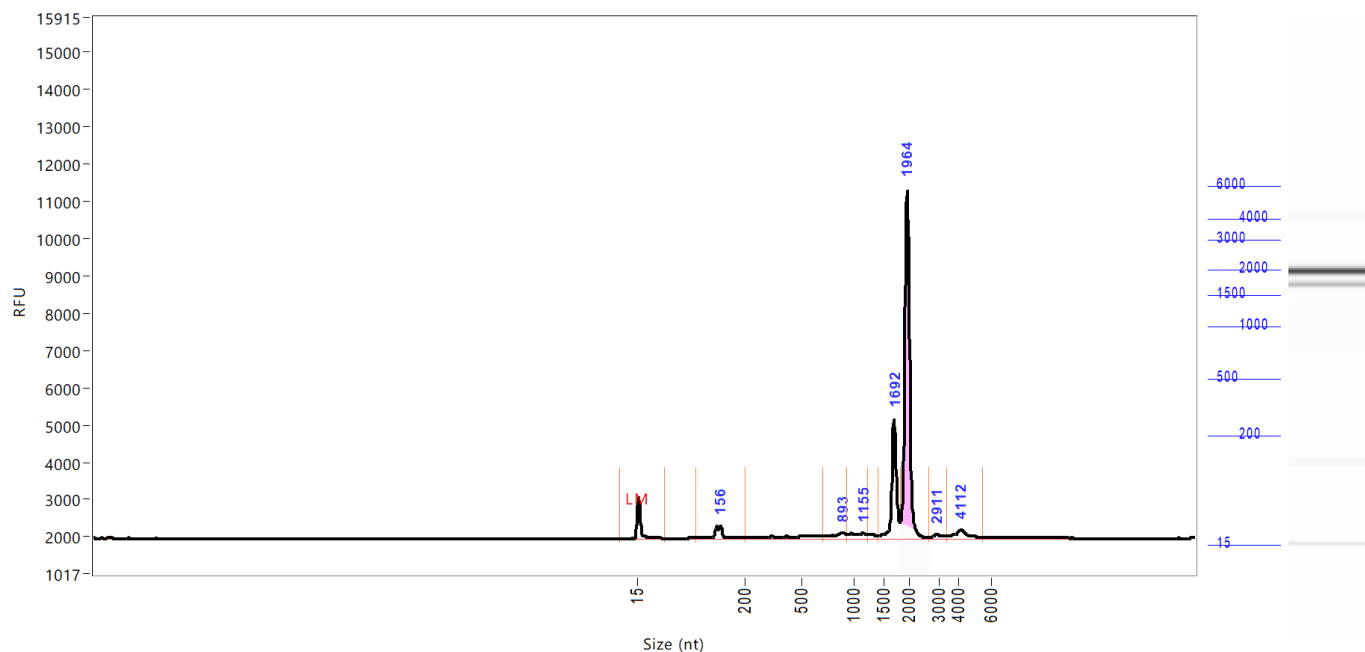
TIC: 107.7413 ng/uL
 TIM: 371.4942 nmole/L
 Total concentration: 129.7574 ng/uL

28s/18s: 0.0
 RQN 6.2

Smear Analysis 200 nt to 10000 nt 118.1818 ng/uL 91.1 %Total 201.7719 nmole/L 1827 Avg. Size (nt) 62.84 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17355
Well location: B3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	60	1117
2	156	7.1557	113	198	345
3	893	4.8106	706	940	155
4	1155	4.6523	940	1228	140
5	1692	31.7681	1397	1828	3188
6	1964	93.1780	1828	2672	9305
7	2911	2.0700	2672	3373	102
8	4112	5.7106	3373	5472	233

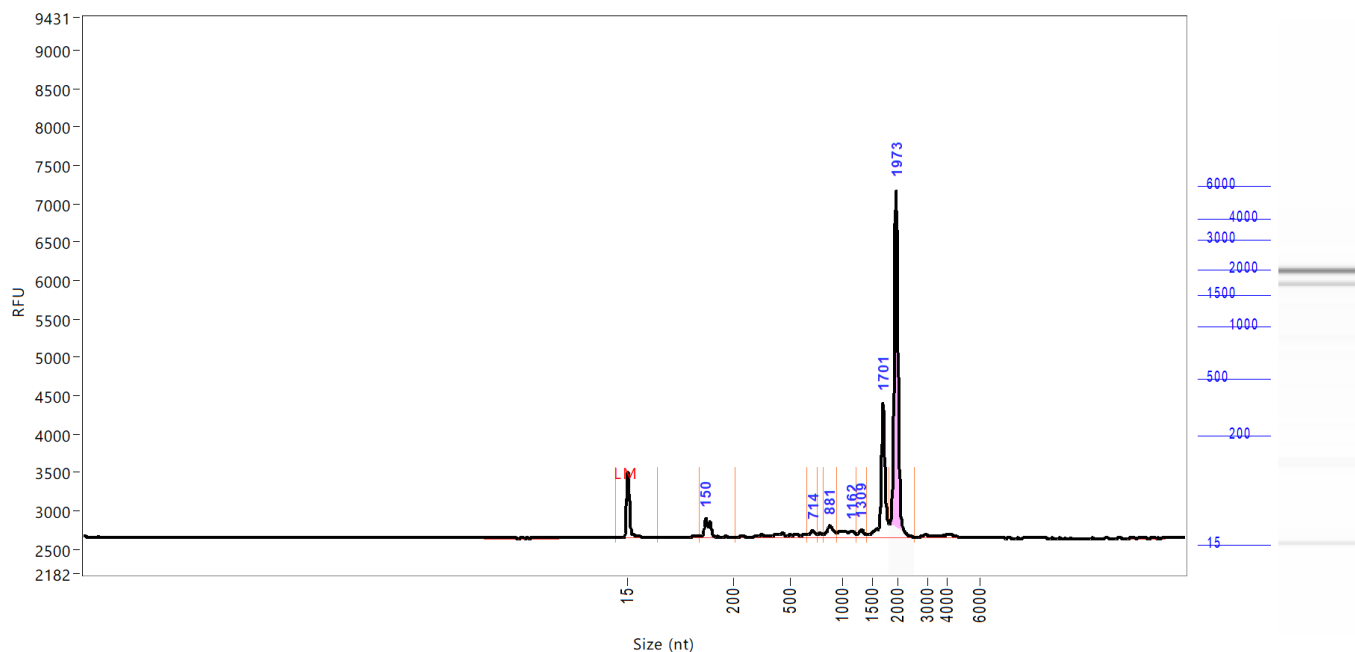
TIC: 149.3452 ng/uL
 TIM: 389.8106 nmole/L
 Total concentration: 159.2379 ng/uL

28s/18s: 0.0
 RQN 7.5

Smear Analysis 200 nt to 10000 nt 151.5236 ng/uL 95.2 %Total 242.0536 nmole/L 1953 Avg. Size (nt) 45.70 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17356
Well location: C3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	67	861
2	150	6.1028	140	201	256
3	714	1.8855	663	761	101
4	881	3.6505	812	945	168
5	1162	4.0309	945	1236	96
6	1309	1.8338	1236	1405	112
7	1701	20.5773	1405	1837	1759
8	1973	50.7072	1837	2568	4524

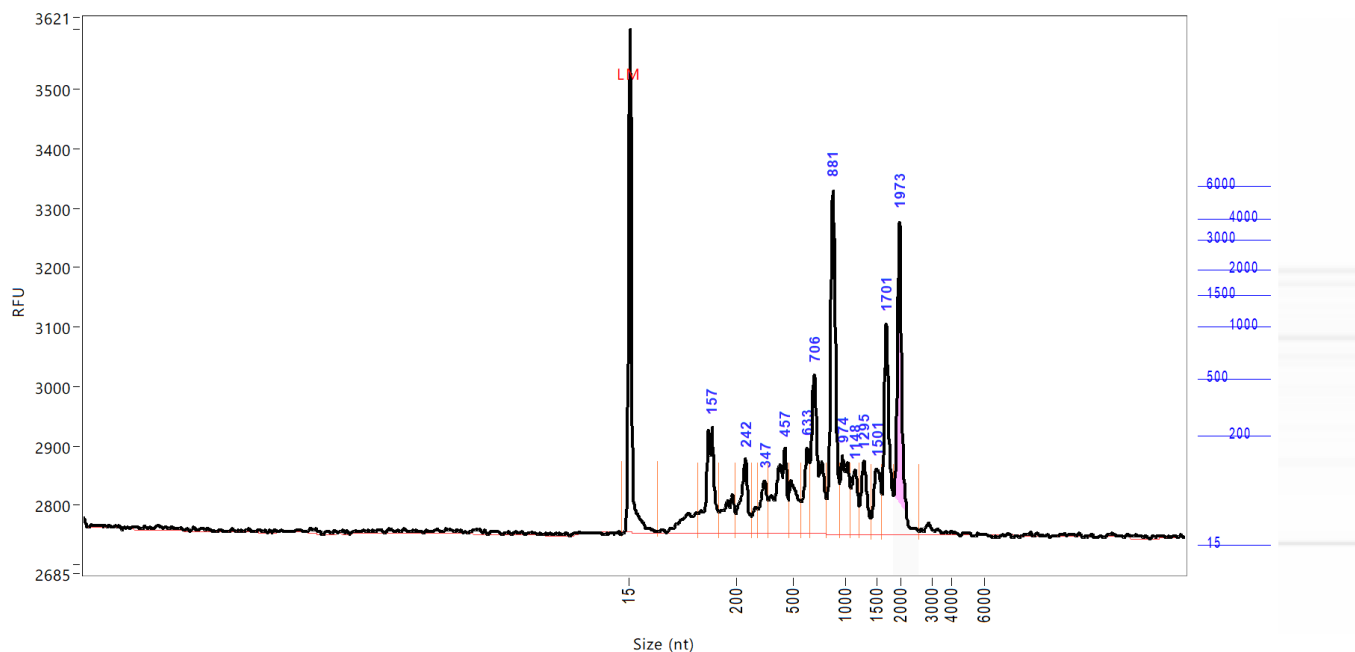
TIC: 88.7880 ng/uL
 TIM: 276.4768 nmole/L
 Total concentration: 100.4394 ng/uL

28s/18s: 0.0
 RQN 6.5

Smear Analysis 200 nt to 10000 nt 92.9886 ng/uL 92.6 %Total 165.1682 nmole/L 1756 Avg. Size (nt) 40.53 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17357
Well location: D3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	64	848
2	157	5.4101	133	169	178
3	242	2.9652	198	275	125
4	347	2.0435	309	366	90
5	457	4.9876	366	476	144
6	633	2.3015	582	655	144
7	706	6.7346	655	821	268
8	881	9.1054	821	940	577
9	974	3.2984	940	1082	132
10	1148	1.9632	1082	1228	107
11	1295	2.1376	1228	1412	123
12	1501	2.3033	1412	1610	111
13	1701	5.0917	1610	1846	354
14	1973	7.3654	1846	2597	526

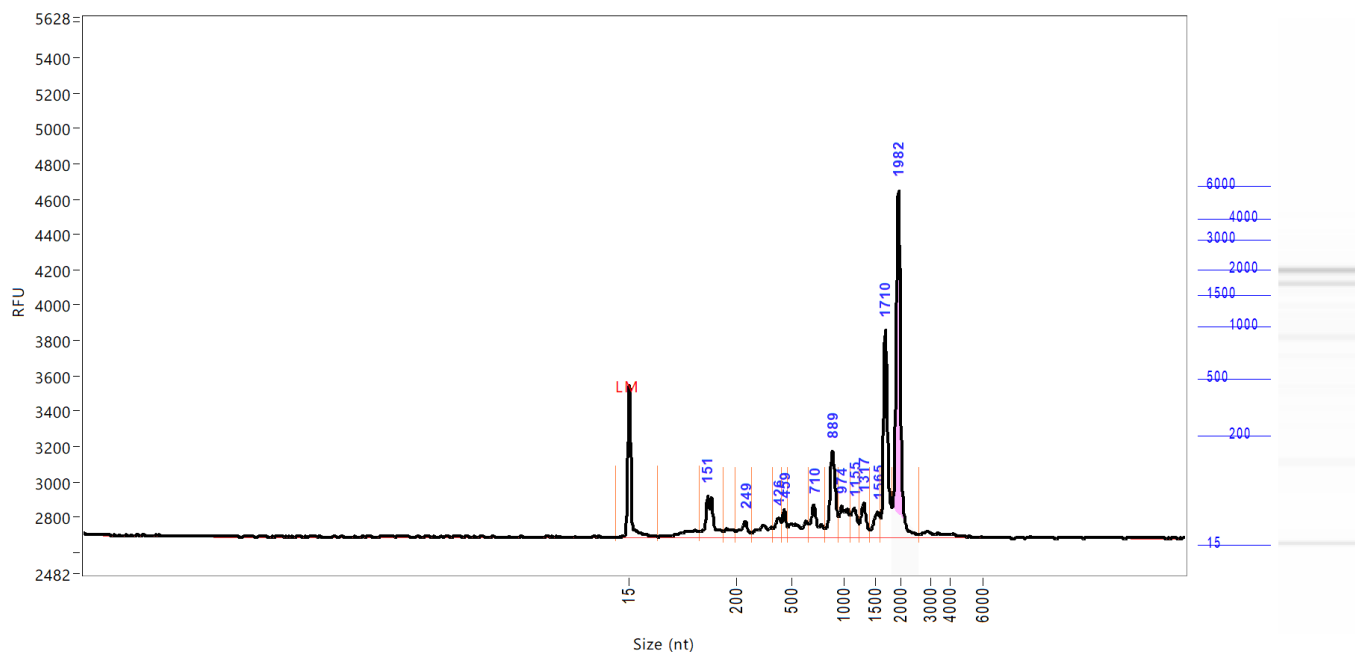
TIC: 55.7076 ng/uL
 TIM: 324.6790 nmole/L
 Total concentration: 63.7735 ng/uL

28s/18s: 0.0
 RQN 2.3

Smear Analysis 200 nt to 10000 nt 53.4579 ng/ul 83.8 %Total 156.7600 nmole/L 1064 Avg. Size (nt) 66.69 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17358
Well location: E3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	65	856
2	151	6.6655	136	178	235
3	249	2.2394	199	280	93
4	426	2.1331	397	445	110
5	459	1.9456	445	478	158
6	710	3.9355	663	812	186
7	889	8.4060	812	949	492
8	974	4.4524	949	1096	180
9	1155	2.9850	1096	1243	165
10	1317	3.1554	1243	1427	193
11	1565	2.6839	1427	1610	147
12	1710	13.8734	1610	1837	1176
13	1982	25.1255	1837	2612	1960

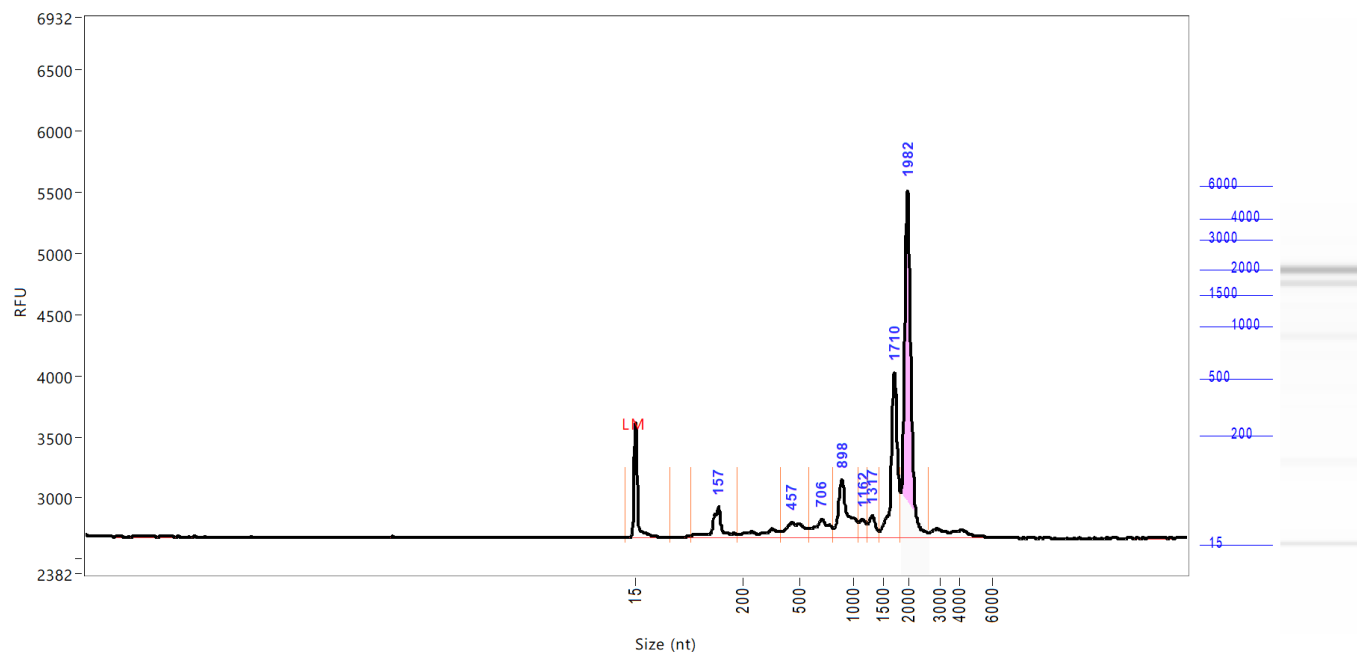
TIC: 77.6006 ng/uL
 TIM: 337.9515 nmole/L
 Total concentration: 89.8634 ng/uL

28s/18s: 0.0
 RQN 4.1

Smear Analysis 200 nt to 10000 nt 78.7875 ng/ul 87.7 %Total 172.5071 nmole/L 1425 Avg. Size (nt) 52.14 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17359
Well location: F3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	75	941
2	157	7.1400	110	189	250
3	457	5.8887	395	582	127
4	706	5.6670	582	821	151
5	898	12.0422	821	1096	473
6	1162	2.4680	1096	1228	152
7	1317	3.2441	1228	1434	179
8	1710	20.7659	1434	1837	1343
9	1982	43.7505	1837	2672	2835

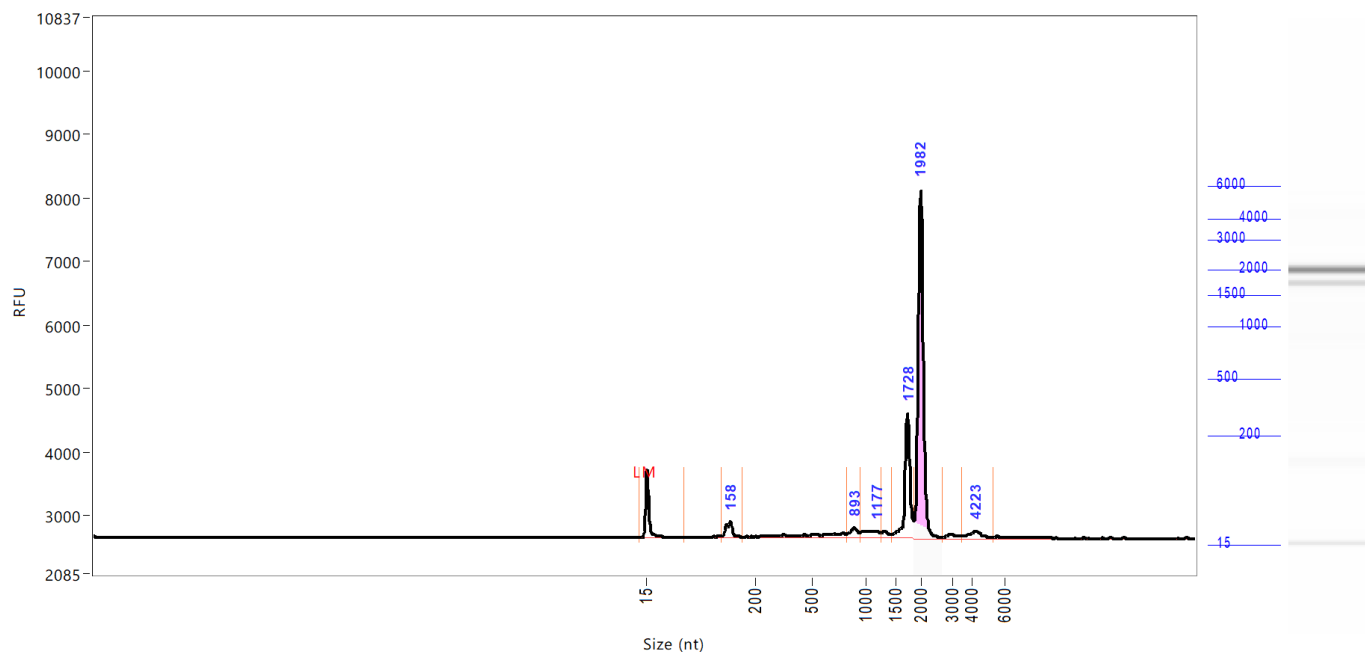
TIC: 100.9664 ng/uL
TIM: 369.6008 nmole/L
Total concentration: 109.5416 ng/uL

28s/18s: 0.0
RQN 5.4

Smear Analysis 200 nt to 10000 nt 101.6007 ng/uL 92.8 %Total 194.3250 nmole/L 1631 Avg. Size (nt) 46.98 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17360
Well location: G3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	2	80	1069
2	158	4.6327	141	179	257
3	893	3.0056	821	953	165
4	1177	3.8521	953	1250	112
5	1728	20.7194	1419	1846	1958
6	1982	57.1120	1846	2672	5464
7	4223	2.7978	3512	5334	116

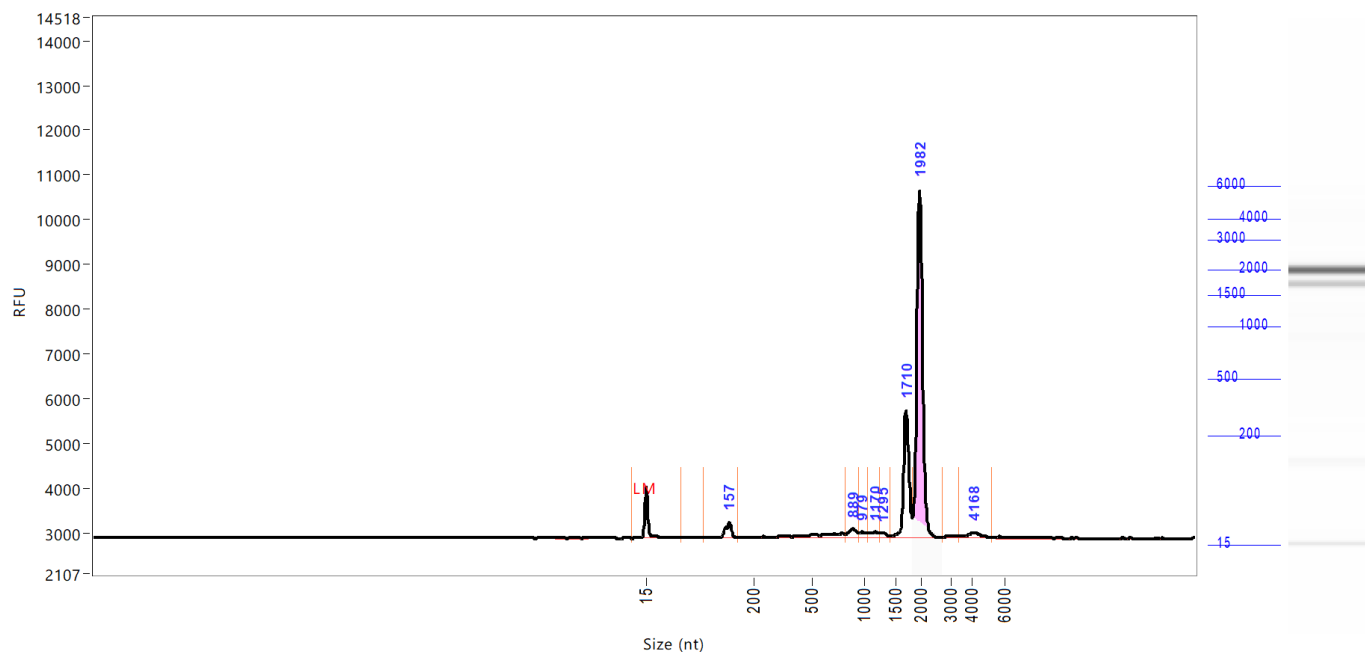
TIC: 92.1196 ng/uL
 TIM: 243.1979 nmole/L
 Total concentration: 105.3159 ng/uL

28s/18s: 0.0
 RQN 7.0

Smear Analysis 200 nt to 10000 nt 98.9022 ng/ul 93.9 %Total 165.2645 nmole/L 1867 Avg. Size (nt) 43.40 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17361
Well location: H3



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	74	1150
2	157	6.4099	113	172	361
3	889	3.9686	817	949	207
4	979	2.0762	949	1045	133
5	1170	2.7324	1045	1243	137
6	1295	1.8465	1243	1419	120
7	1710	31.8467	1419	1846	2862
8	1982	89.8230	1846	2717	7748
9	4168	3.4784	3396	5278	133

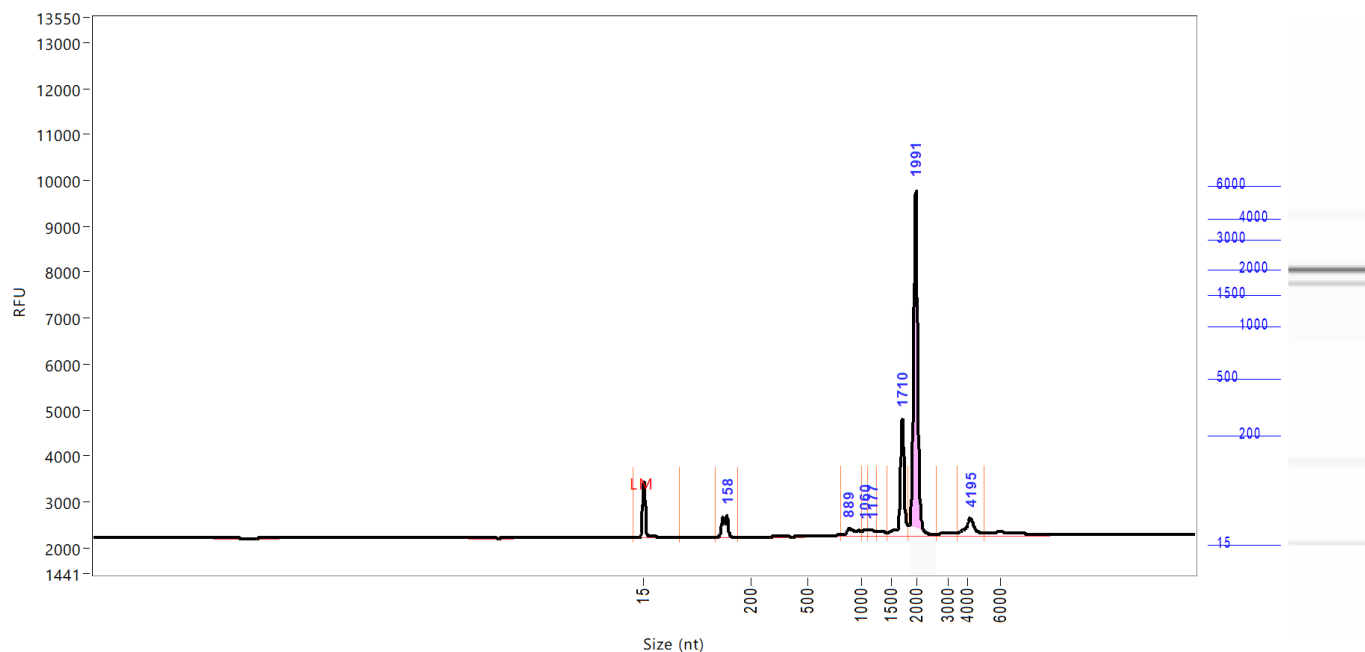
TIC: 142.1815 ng/uL
 TIM: 366.1516 nmole/L
 Total concentration: 154.9620 ng/uL

28s/18s: 0.0
 RQN 7.2

Smear Analysis 200 nt to 10000 nt 147.5962 ng/uL 95.2 %Total 246.2889 nmole/L 1869 Avg. Size (nt) 40.84 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17362
Well location: A4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	1216
2	158	7.2262	139	177	482
3	889	4.1879	812	1008	171
4	1060	1.6646	1008	1118	127
5	1177	1.8723	1118	1250	139
6	1710	21.5765	1434	1837	2535
7	1991	64.5312	1837	2642	7512
8	4195	6.9446	3535	5084	388

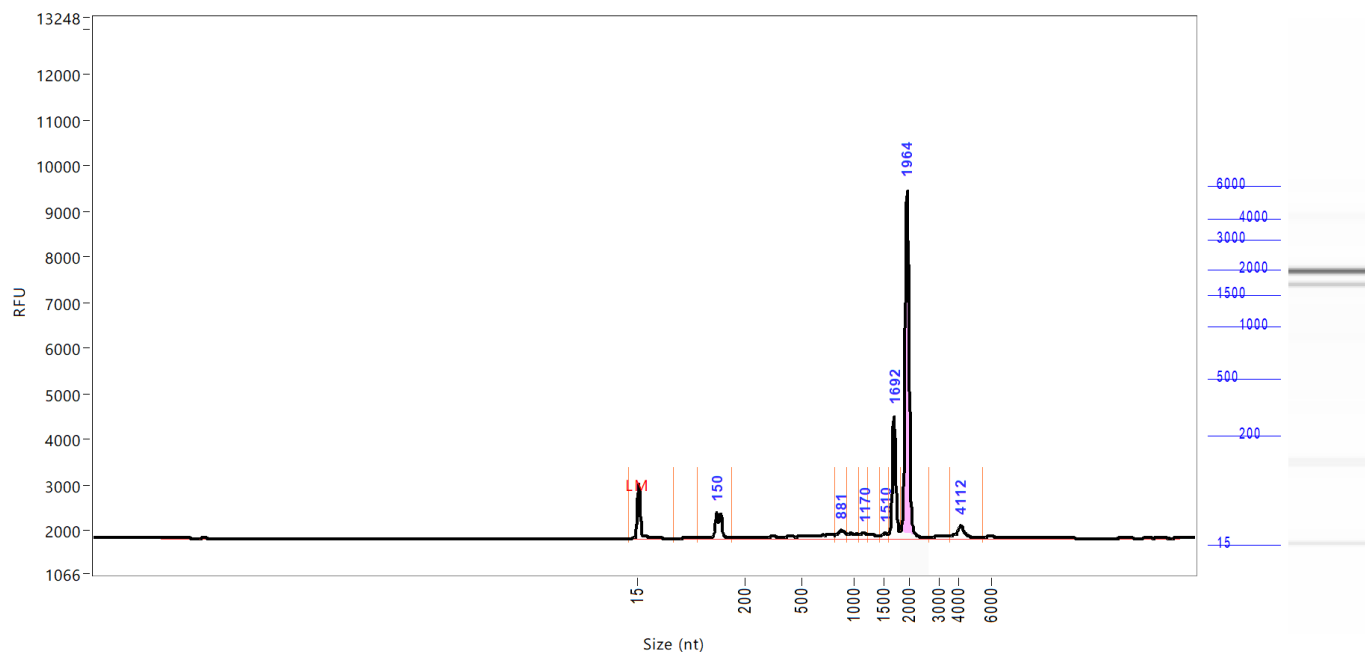
TIC: 108.0033 ng/uL
 TIM: 316.0289 nmole/L
 Total concentration: 119.6093 ng/uL

28s/18s: 0.0
 RQN 7.7

Smear Analysis 200 nt to 10000 nt 111.3210 ng/ul 93.1 %Total 156.5843 nmole/L 2218 Avg. Size (nt) 56.89 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17363
Well location: B4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	1185
2	150	9.8547	119	177	564
3	881	3.0066	817	940	182
4	1170	1.7019	1082	1228	124
5	1510	1.4636	1419	1583	108
6	1692	19.7977	1583	1828	2675
7	1964	61.4040	1828	2642	7608
8	4112	4.5744	3535	5500	281

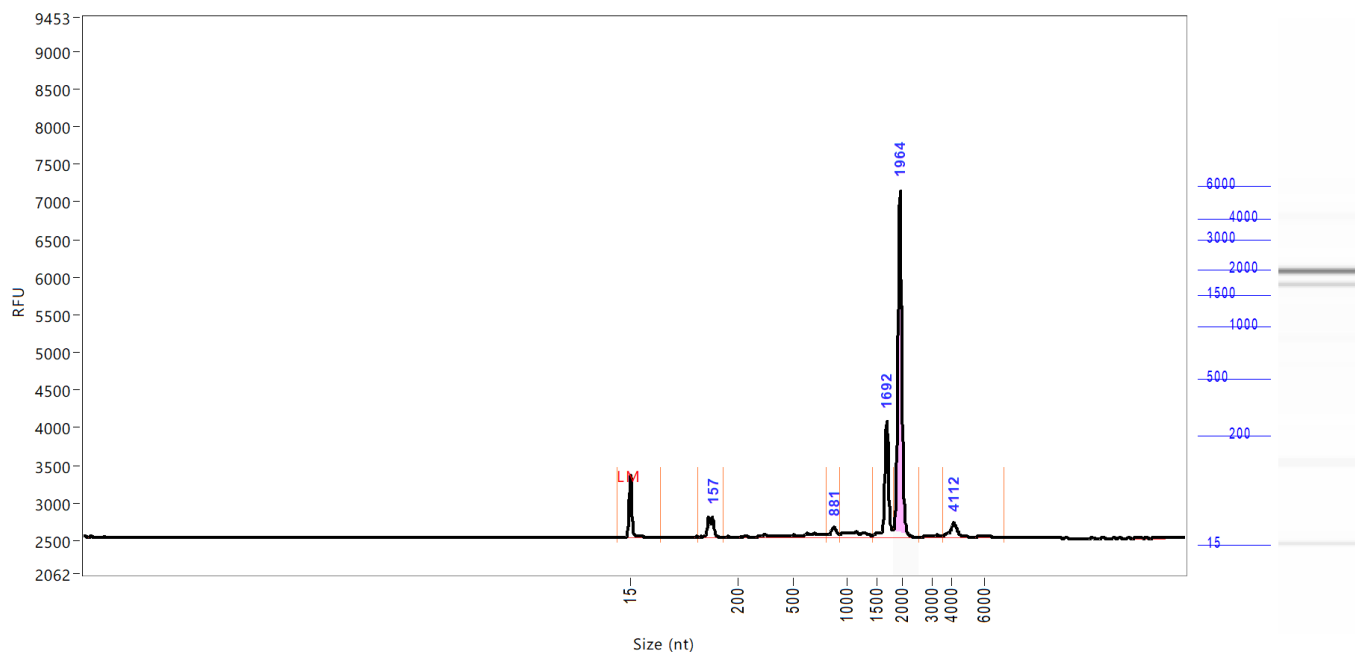
TIC: 101.8028 ng/uL
 TIM: 357.4493 nmole/L
 Total concentration: 116.9129 ng/uL

28s/18s: 0.0
 RQN 7.1

Smear Analysis 200 nt to 10000 nt 105.7323 ng/ul 90.4 %Total 170.2416 nmole/L 1937 Avg. Size (nt) 50.83 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17364
Well location: C4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	67	833
2	157	6.8488	133	176	288
3	881	2.9479	817	940	141
4	1692	18.4760	1427	1828	1565
5	1964	54.2603	1828	2568	4612
6	4112	6.0876	3512	7291	202

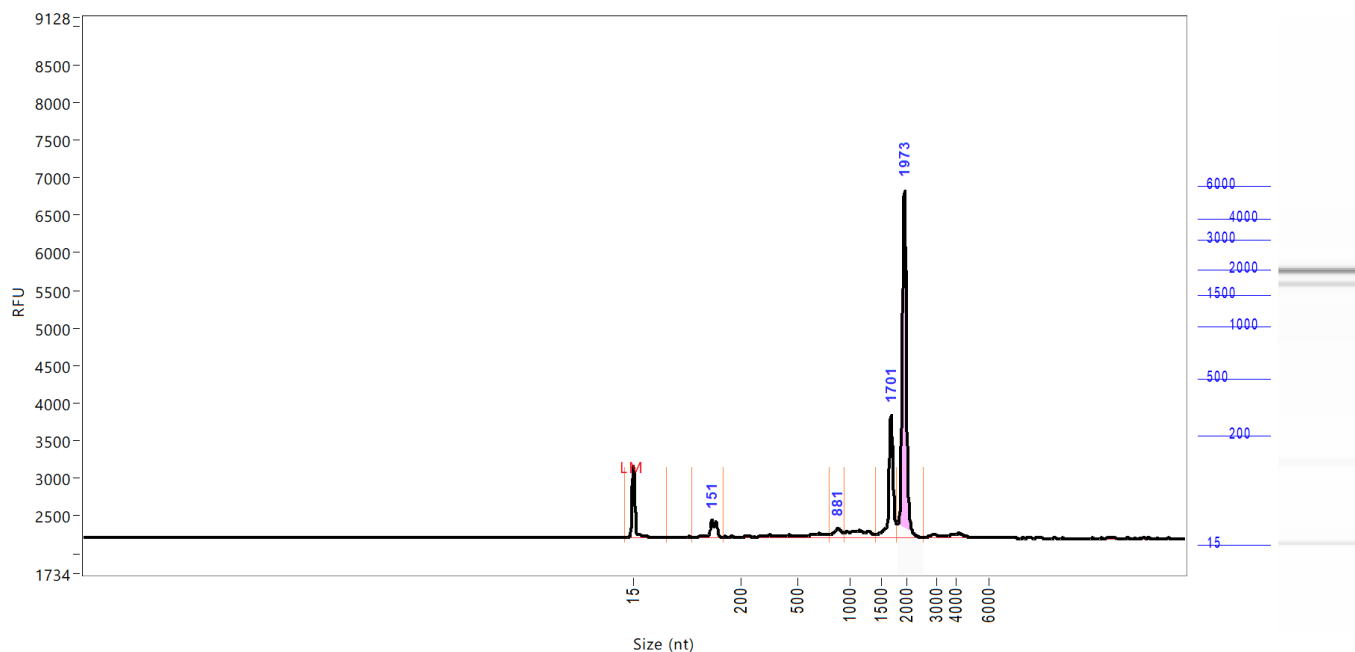
TIC: 88.6205 ng/uL
 TIM: 274.3287 nmole/L
 Total concentration: 105.0620 ng/uL

28s/18s: 0.0
 RQN 7.1

Smear Analysis 200 nt to 10000 nt 96.6702 ng/ul 92.0 %Total 156.9382 nmole/L 1921 Avg. Size (nt) 51.49 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17365
Well location: D4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	74	963
2	151	5.2747	117	169	246
3	881	2.9793	804	945	134
4	1701	18.0491	1427	1828	1636
5	1973	48.8962	1828	2568	4614

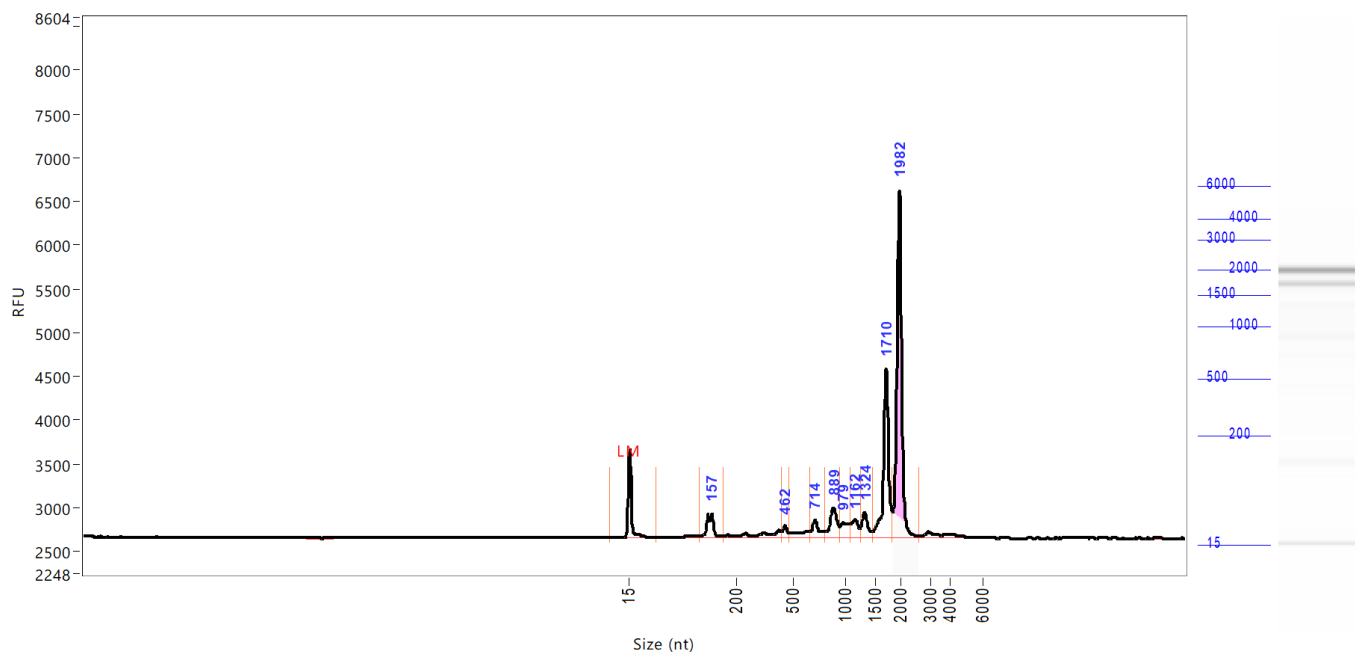
TIC: 75.1993 ng/uL
TIM: 230.7602 nmole/L
Total concentration: 92.2522 ng/uL

28s/18s: 0.0
RQN 6.8

Smear Analysis 200 nt to 10000 nt 85.7428 ng/ul 92.9 %Total 148.3724 nmole/L 1803 Avg. Size (nt) 39.40 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17366
Well location: E4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	62	1015
2	157	6.2078	135	179	283
3	462	1.5948	443	481	140
4	714	3.8902	663	812	206
5	889	6.4279	812	953	355
6	979	3.7892	953	1089	181
7	1162	3.6784	1089	1243	212
8	1324	4.4307	1243	1441	303
9	1710	23.9009	1441	1846	1939
10	1982	44.6165	1846	2627	3966

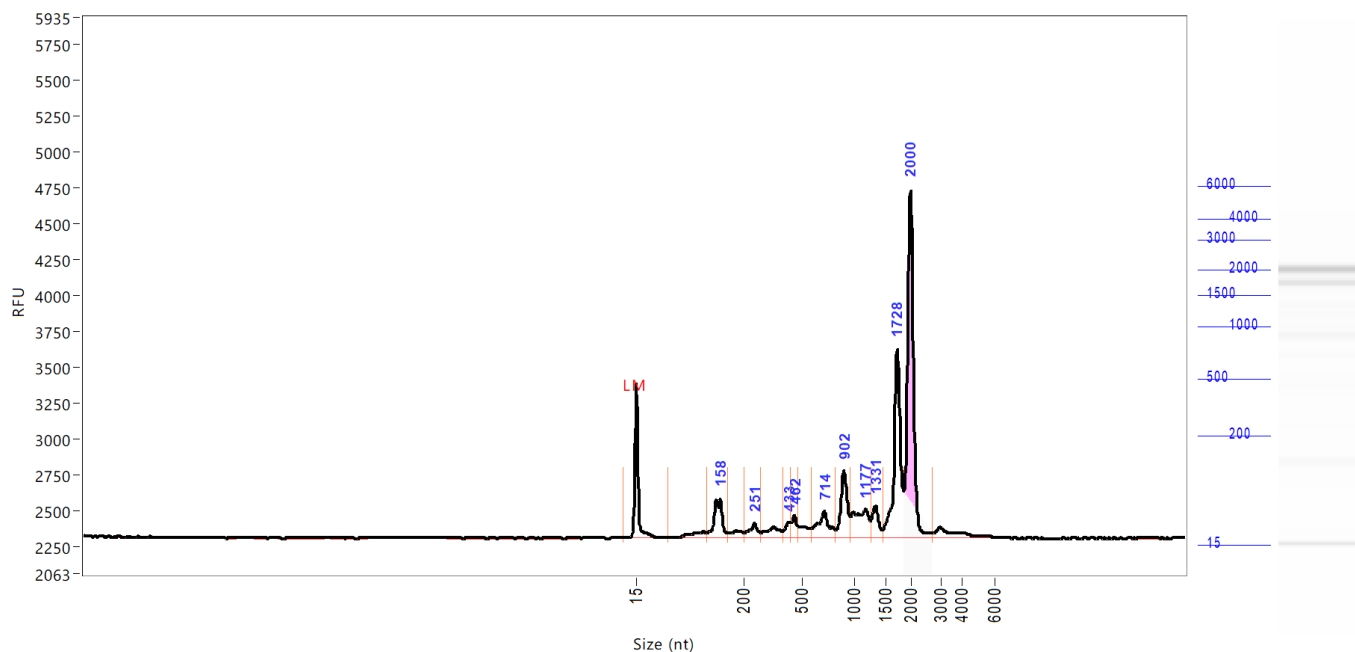
TIC: 98.5364 ng/uL
 TIM: 321.4556 nmole/L
 Total concentration: 111.0936 ng/uL

28s/18s: 0.0
 RQN 5.4

Smear Analysis 200 nt to 10000 nt 102.6845 ng/uL 92.4 %Total 195.6065 nmole/L 1637 Avg. Size (nt) 42.89 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17367
Well location: F4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	69	1073
2	158	6.1437	135	170	278
3	251	2.1751	199	282	102
4	433	1.5806	402	445	108
5	462	1.9367	445	486	159
6	714	5.0108	595	821	188
7	902	7.0422	821	957	466
8	1177	6.8241	957	1258	198
9	1331	3.3770	1258	1456	224
10	1728	18.3823	1456	1864	1314
11	2000	30.9851	1864	2717	2415

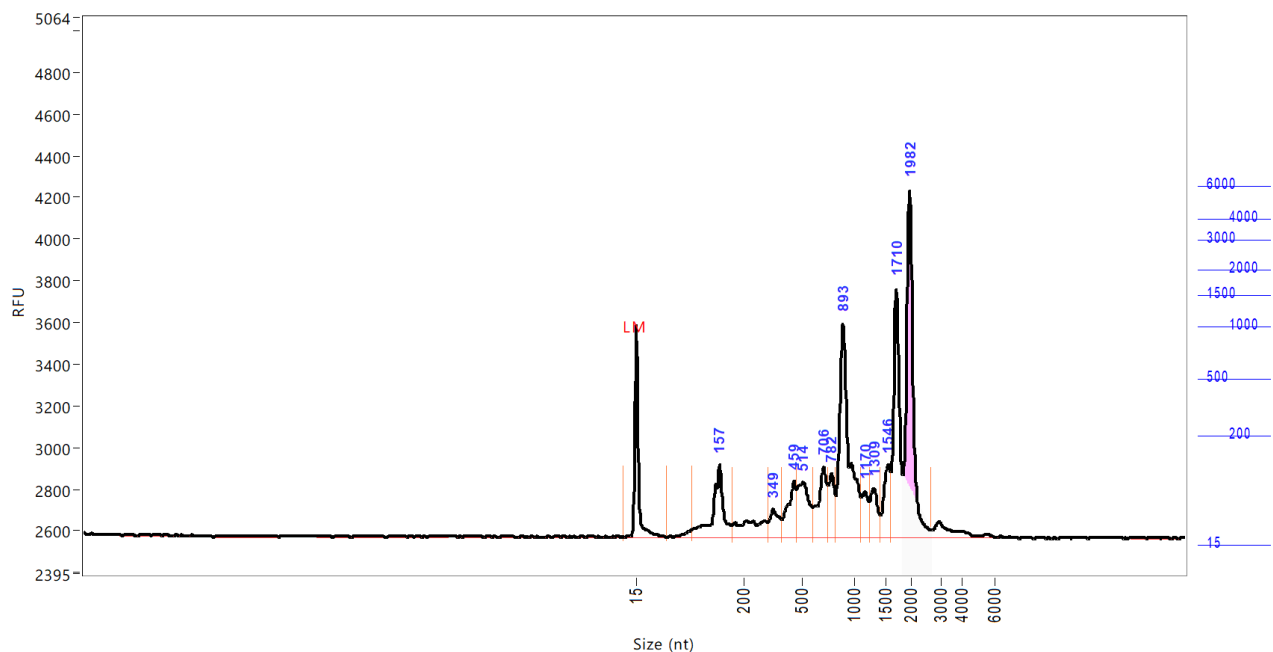
TIC: 83.4576 ng/uL
 TIM: 333.1202 nmole/L
 Total concentration: 94.0356 ng/uL

28s/18s: 0.0
 RQN 4.7

Smear Analysis 200 nt to 10000 nt 84.3014 ng/uL 89.6 %Total 170.5365 nmole/L 1542 Avg. Size (nt) 48.49 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17368
Well location: G4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	67	1015
2	157	9.8262	111	178	348
3	349	3.2785	321	397	134
4	459	5.6141	397	476	268
5	514	7.6487	476	608	264
6	706	6.9219	608	748	335
7	782	4.3376	748	821	304
8	893	23.2371	821	1111	1023
9	1170	3.1776	1111	1236	223
10	1309	4.1060	1236	1419	238
11	1546	5.0462	1419	1601	347
12	1710	15.3728	1601	1846	1193
13	1982	23.9075	1846	2687	1662

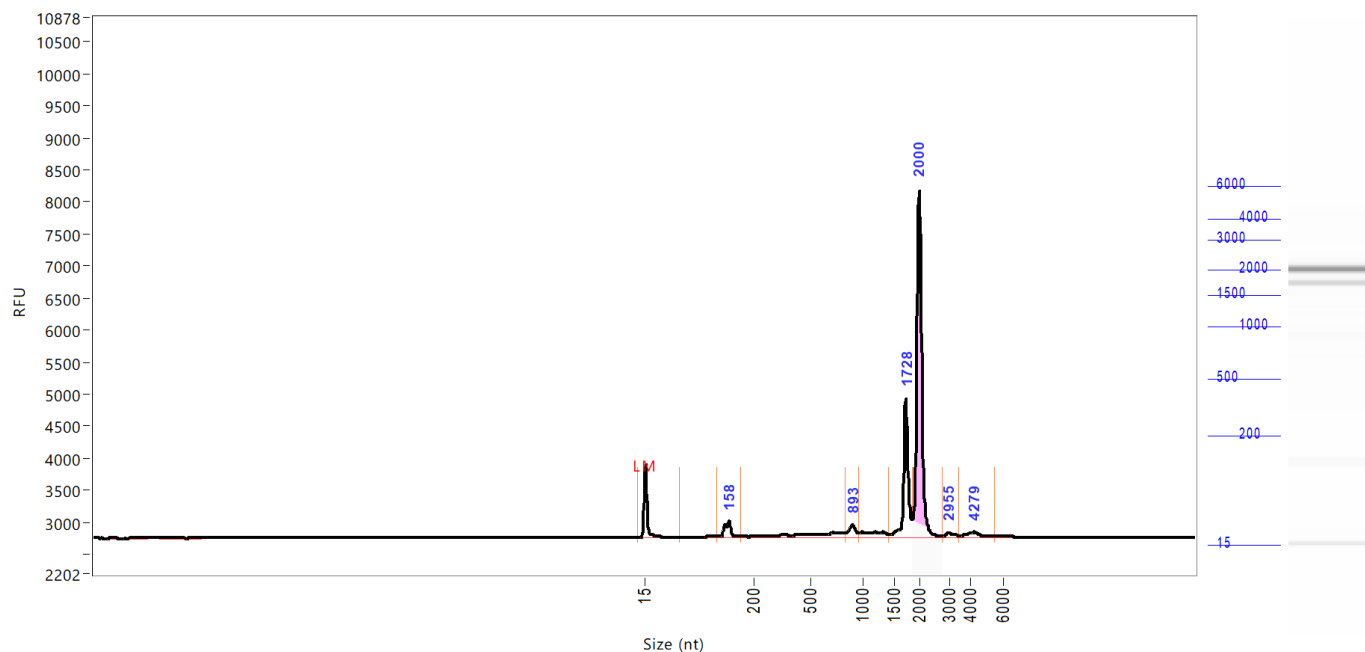
TIC: 112.4742 ng/uL
 TIM: 537.6165 nmole/L
 Total: 120.1369 ng/uL
 concentration:

28s/18s: 0.0
 RQN 3.3

Smear Analysis 200 nt to 10000 nt 107.6461 ng/ul 89.6 %Total 260.7981 nmole/L 1287 Avg. Size (nt) 57.43 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17369
Well location: H4



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	1	75	1144
2	158	4.4857	138	179	261
3	893	3.2675	829	957	200
4	1728	21.0924	1412	1864	2166
5	2000	56.2018	1864	2747	5405
6	2955	1.4230	2747	3466	78
7	4279	2.5940	3466	5528	82

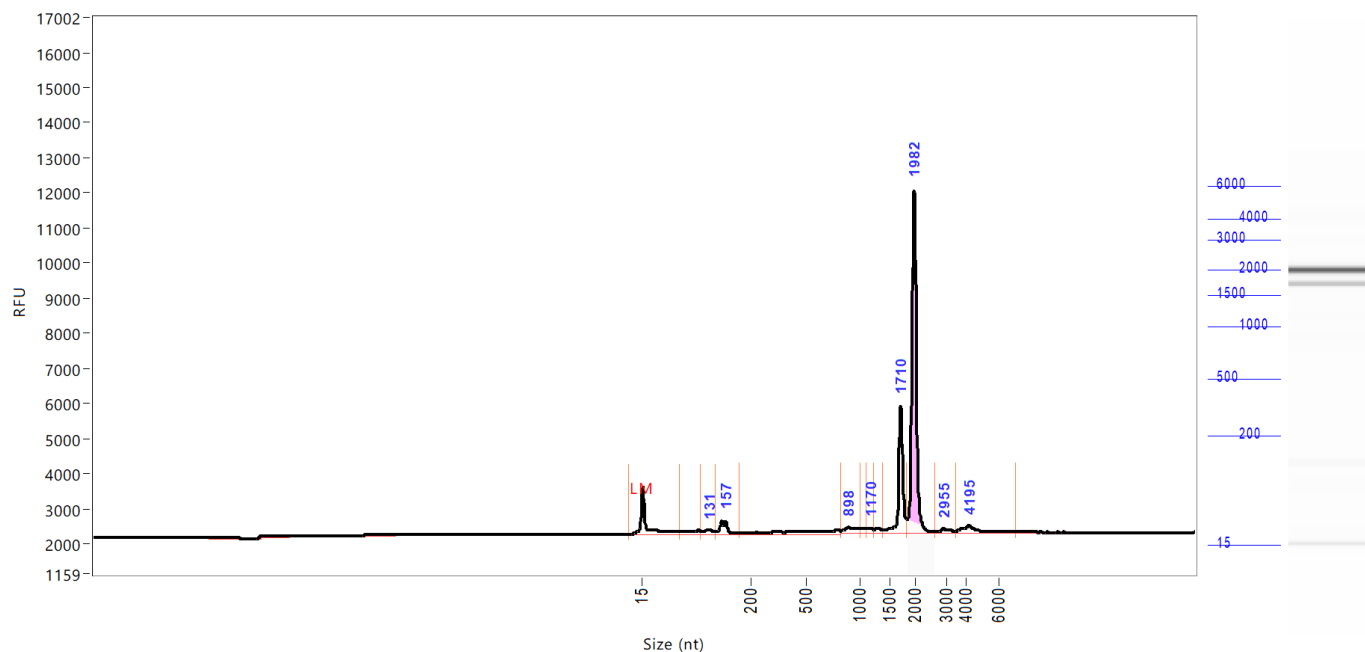
TIC: 89.0644 ng/uL
 TIM: 230.1526 nmole/L
 Total concentration: 102.9548 ng/uL

28s/18s: 0.0
 RQN 7.0

Smear Analysis 200 nt to 10000 nt 97.2091 ng/ul 94.4 %Total 162.6203 nmole/L 1865 Avg. Size (nt) 42.02 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17370
Well location: A5



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	80	1339
2	131	1.7994	116	142	110
3	157	3.8748	142	180	392
4	898	2.7807	821	1008	181
5	1170	1.0712	1118	1236	158
6	1710	16.8429	1390	1837	3637
7	1982	45.8970	1837	2642	9757
8	2955	1.4933	2642	3489	136
9	4195	4.3409	3489	7071	217

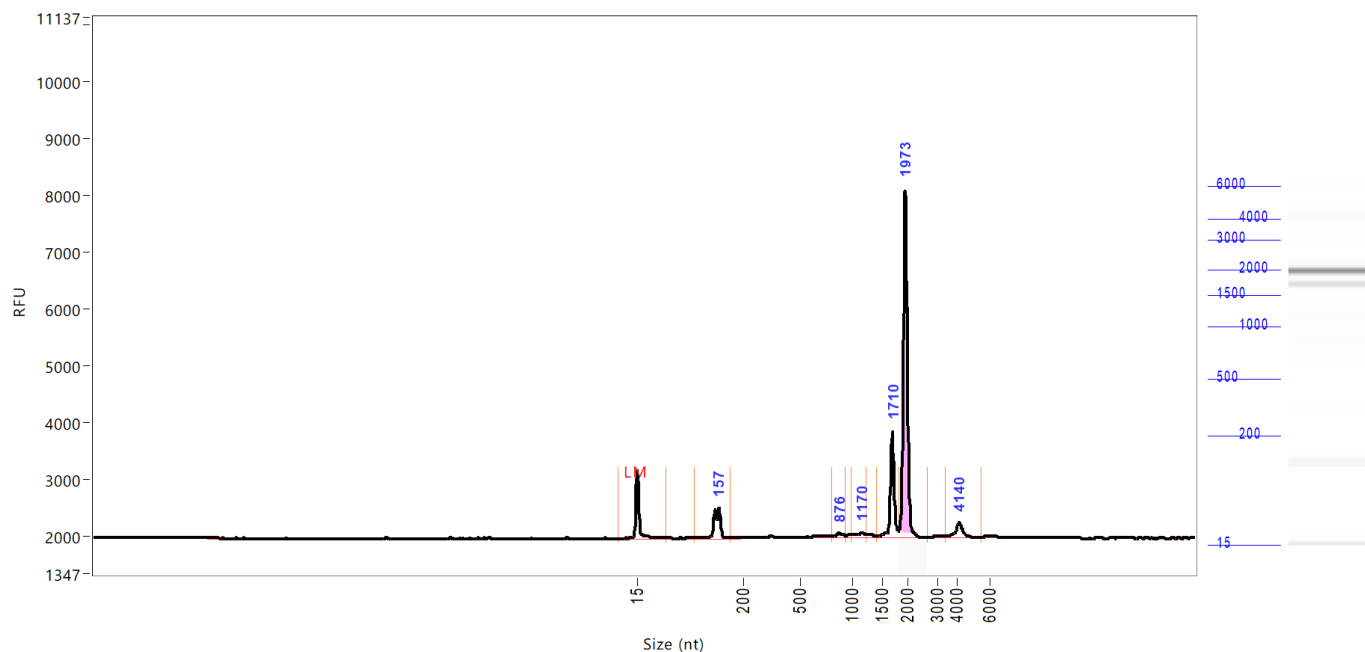
TIC: 78.1002 ng/uL
TIM: 241.1876 nmole/L
Total concentration: 89.8621 ng/uL

28s/18s: 0.0
RQN 7.1

Smear Analysis 200 nt to 10000 nt 80.8502 ng/uL 90.0 %Total 125.3252 nmole/L 2012 Avg. Size (nt) 56.89 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17371
Well location: B5



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	65	1195
2	157	8.9717	116	176	537
3	876	1.5770	804	945	91
4	1170	1.9396	1000	1236	99
5	1710	15.3193	1405	1828	1875
6	1973	49.5457	1828	2657	6111
7	4140	4.4859	3396	5528	272

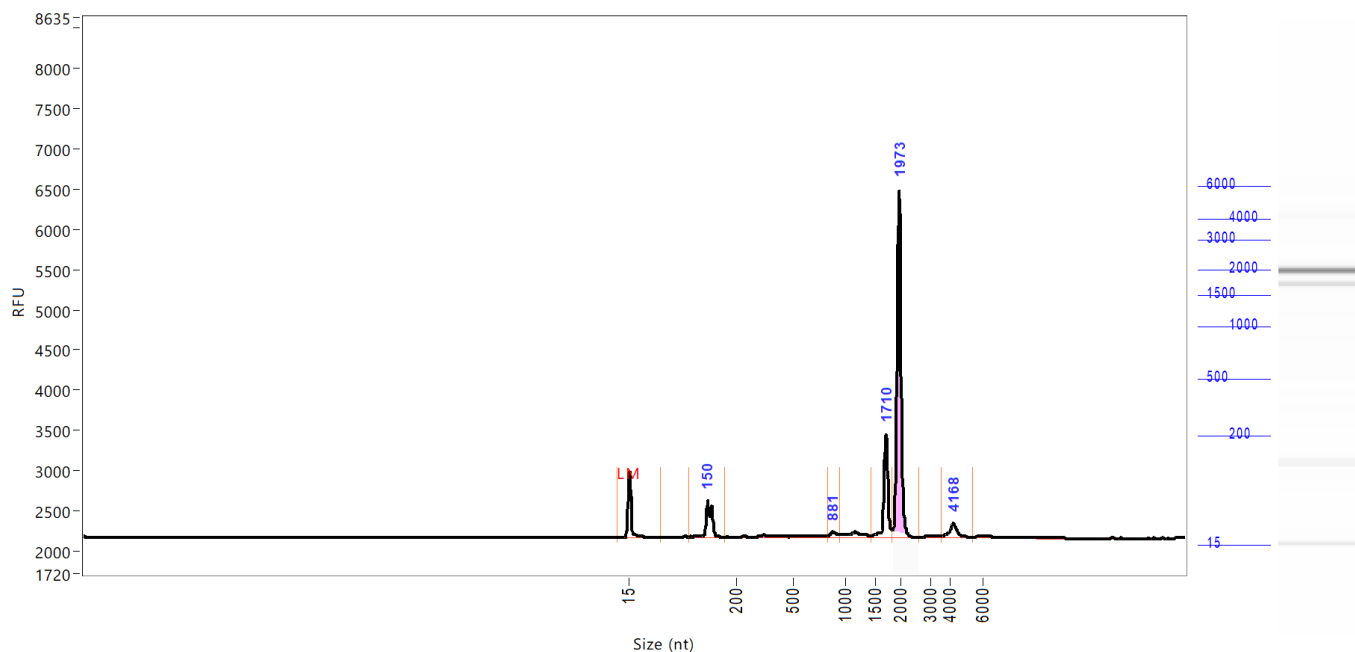
TIC: 81.8393 ng/uL
 TIM: 304.7303 nmole/L
 Total concentration: 90.0929 ng/uL

28s/18s: 0.0
 RQN 7.6

Smear Analysis 200 nt to 10000 nt 80.3597 ng/ul 89.2 %Total 124.0186 nmole/L 2021 Avg. Size (nt) 48.70 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17372
Well location: C5



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	832
2	150	10.7525	117	179	465
3	881	1.6660	834	949	77
4	1710	15.1465	1419	1846	1287
5	1973	48.9589	1846	2612	4316
6	4168	4.3515	3512	5389	188

TIC: 80.8753 ng/uL
TIM: 335.7065 nmole/L
Total concentration: 94.2314 ng/uL

28s/18s: 0.0
RQN 7.4

Smear Analysis 200 nt to 10000 nt 82.2382 ng/ul 87.3 %Total 127.0627 nmole/L 2019 Avg. Size (nt) 53.03 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

The image shows a gel electrophoresis result. On the left is a DNA ladder with bands at 15, 200, 500, 1000, 1500, 2000, 3000, 4000, and 6000 bp. On the right is a sample lane showing a single band at approximately 1982 bp. The band is labeled with its size in bp.

Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	64	1050
2	150	8.5974	133	176	471
3	881	1.5735	800	945	80
4	1710	12.5594	1419	1837	1280
5	1982	39.5231	1837	2612	4123
6	4195	3.3737	3489	5361	181

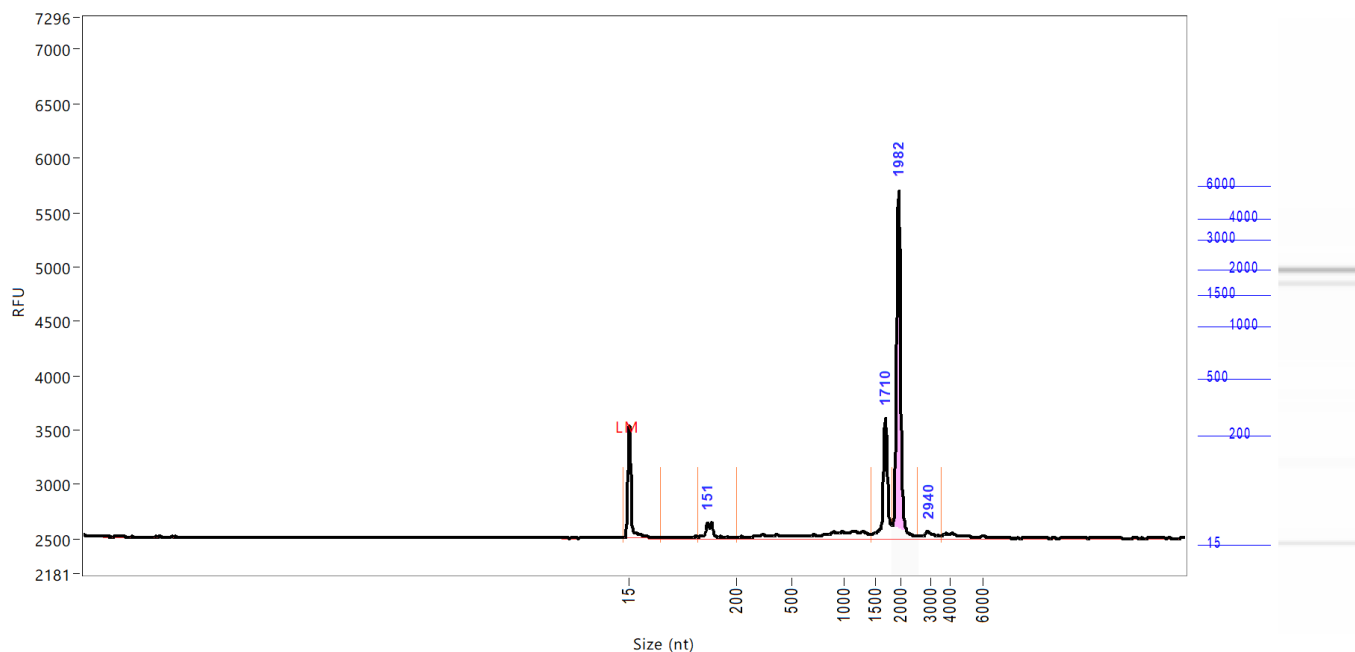
TIC:	65.6271	ng/uL
TIM:	268.3542	nmole/L
Total concentration:	76.2616	ng/uL

28s/18s:	0.0
RQN	7.3

Smear Analysis	200 nt to 10000 nt	66.3541 ng/ul	87.0 %Total	105.0363 nmole/L	1971 Avg. Size (nt)	49.04 %CV
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Sample peak width (sec): 6	Sample min peak height: 50	Sample baseline V to V?: Y	Sample baseline V to V points: 3
Sample filter: Binomial	Number of points for filter: 9	Sample start region (min): 0	Sample end region (min): 40
Manual baseline start (min): 18	Manual baseline end (min): 38		
Marker peak width (sec): 6	Marker min peak height: 100	Marker baseline V to V?: Y	Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU		Upper marker selection: Last peak > 100 RFU	
Ladder size (nt)15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000			
Quantification using: Ladder	Final concentration (ng/uL): 8.0000		Dilution factor: 12.0

Sample: SFJ17374
Well location: E5



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	7	70	1043
2	151	3.4656	135	203	150
3	1710	11.2330	1441	1846	1113
4	1982	29.6098	1846	2597	3195
5	2940	1.4945	2597	3559	69

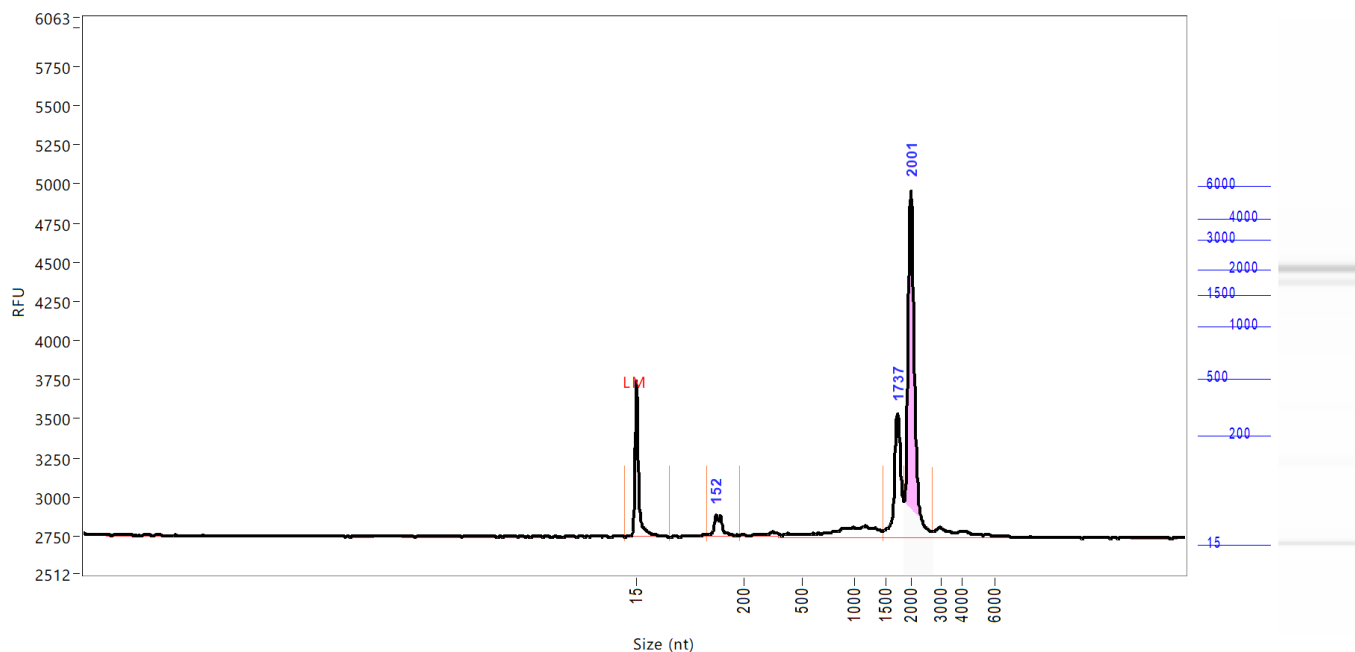
TIC: 45.8028 ng/uL
 TIM: 137.3419 nmole/L
 Total concentration: 58.7655 ng/uL

28s/18s: 0.0
 RQN 7.0

Smear Analysis 200 nt to 10000 nt 53.8172 ng/ul 91.6 %Total 86.8535 nmole/L 1933 Avg. Size (nt) 52.77 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17376
Well location: G5



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	73	996
2	152	3.3038	135	191	137
3	1737	11.3788	1456	1873	792
4	2001	31.1263	1873	2732	2209

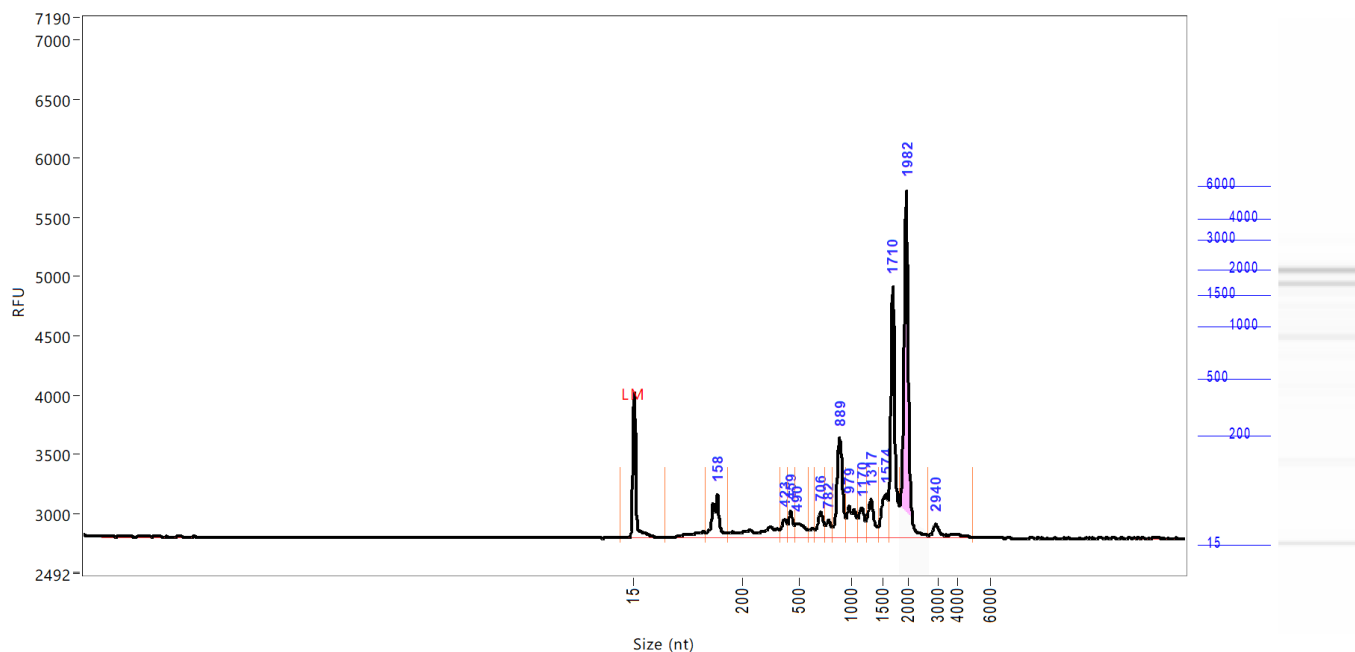
TIC: 45.8089 ng/uL
 TIM: 133.9119 nmole/L
 Total concentration: 57.6178 ng/uL

28s/18s: 0.0
 RQN 7.1

Smear Analysis 200 nt to 10000 nt 53.6971 ng/ul 93.2 %Total 87.2875 nmole/L 1919 Avg. Size (nt) 40.44 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17377
Well location: H5

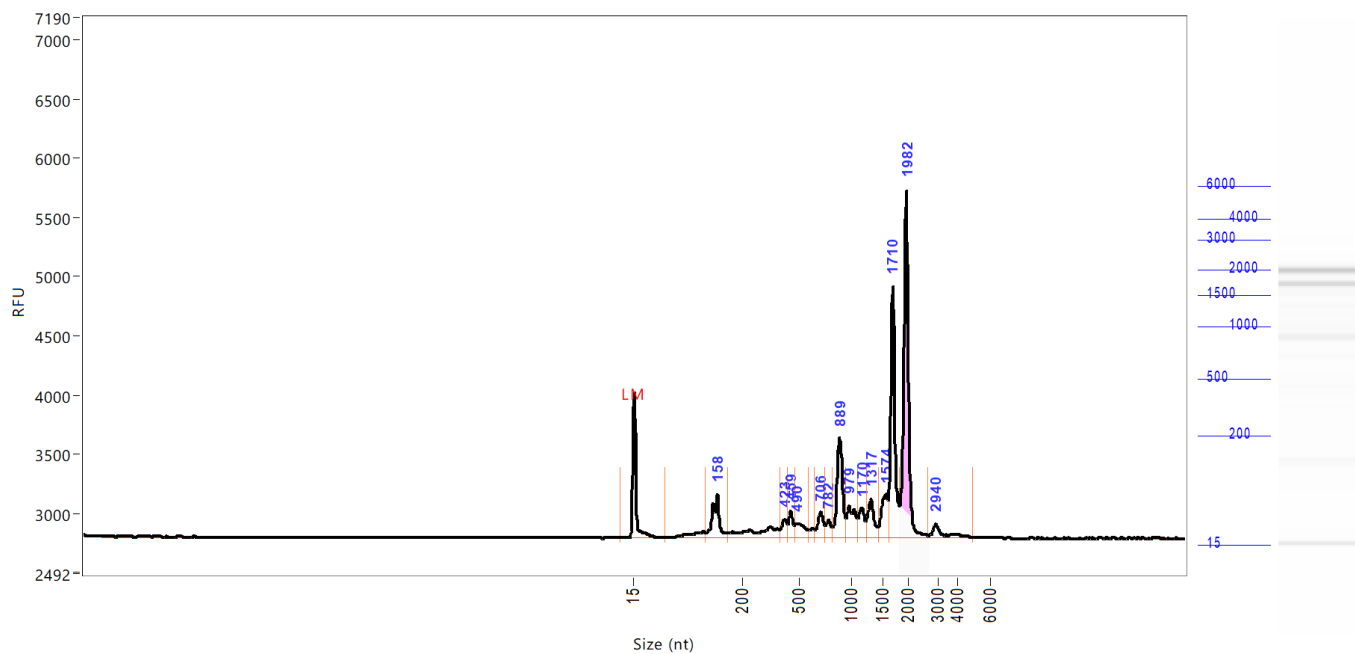


Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	69	1222
2	158	6.4191	138	176	373
3	423	2.0278	400	445	160
4	459	2.0902	445	478	226
5	490	2.7715	478	595	122
6	706	2.8721	655	757	218
7	782	1.6046	757	821	149
8	889	10.1559	821	949	846
9	979	4.6996	949	1104	271
10	1170	3.0681	1104	1236	254
11	1317	4.2269	1236	1434	335
12	1574	4.9440	1434	1619	370
13	1710	17.4501	1619	1846	2124
14	1982	26.9236	1846	2702	2931
15	2940	2.3388	2702	4917	122

TIC: 91.5923 ng/uL
 TIM: 348.0778 nmole/L
 Total concentration: 99.1940 ng/uL
 28s/18s: 0.0
 RQN 4.0

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

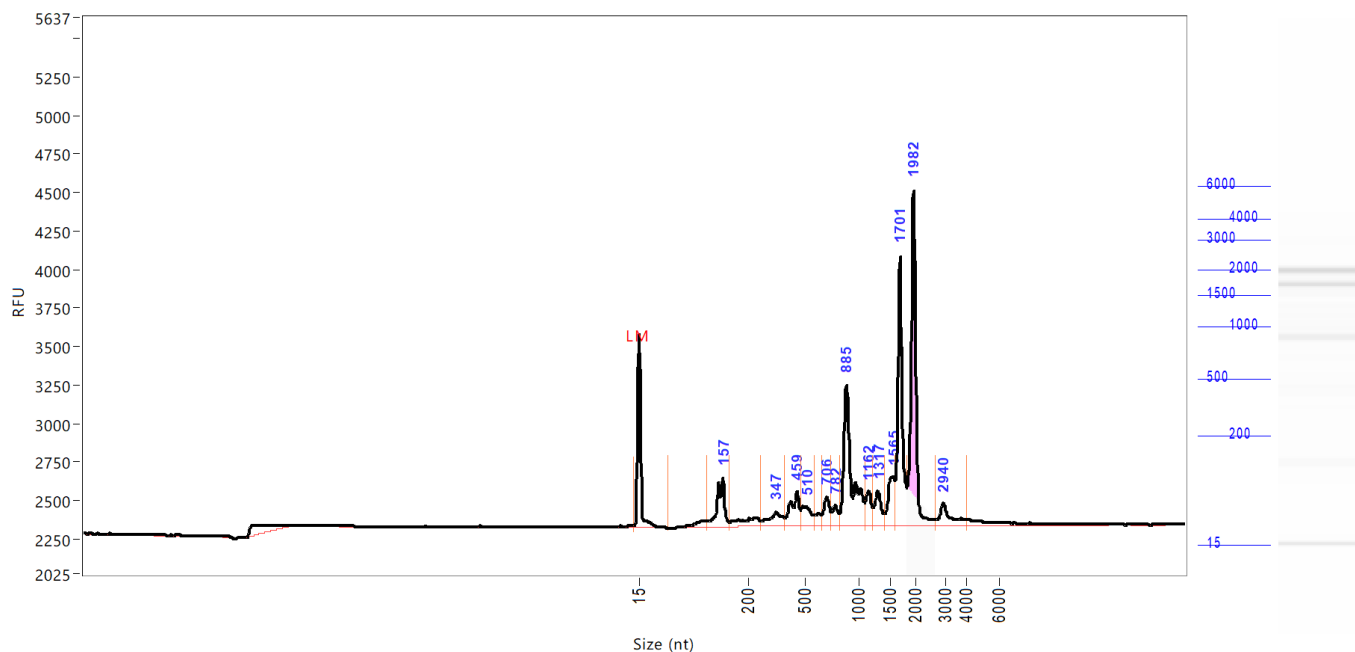
Sample: SFJ17377
Well location: H5



Peak	Size	Concentration	From	To	RFU		
	(nt)	(ng/uL)	(nt)	(nt)			
Smear Analysis	200 nt to 10000 nt	89.4462 ng/uL		90.2 %Total	192.9274 nmole/L	1446 Avg. Size (nt)	46.89 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17378
Well location: A6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	7	64	1249
2	157	6.0718	129	169	319
3	347	2.9591	263	395	95
4	459	4.1707	395	476	223
5	510	3.0522	476	591	127
6	706	2.5985	655	748	189
7	782	1.6638	748	821	135
8	885	16.2677	821	1096	918
9	1162	2.9213	1096	1236	224
10	1317	3.1443	1236	1427	227
11	1565	4.5805	1427	1610	320
12	1701	15.7514	1610	1846	1751
13	1982	21.4098	1846	2672	2173
14	2940	3.0734	2672	4057	142

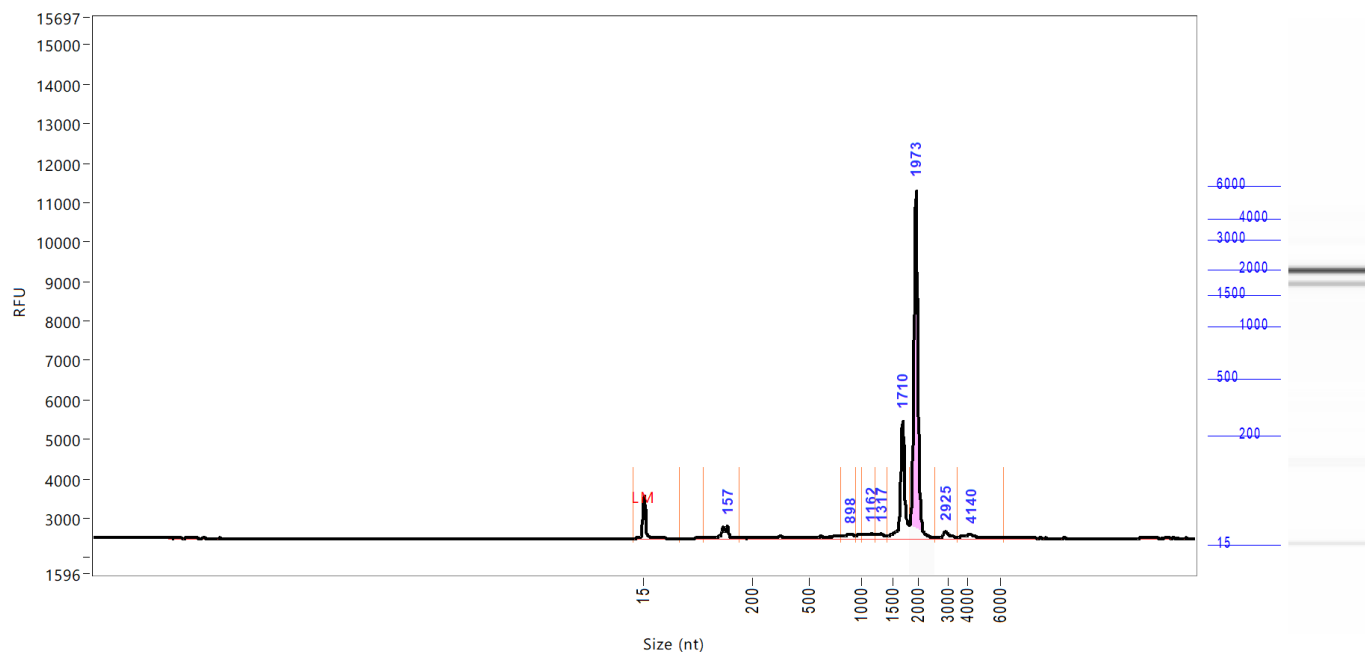
TIC: 87.6644 ng/uL
 TIM: 362.7451 nmole/L
 Total concentration: 93.8728 ng/uL

28s/18s: 0.0
 RQN 3.9

Smear Analysis 200 nt to 10000 nt 84.9112 ng/ul 90.5 %Total 174.6279 nmole/L 1517 Avg. Size (nt) 68.01 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17379
Well location: B6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	75	1070
2	157	6.3886	116	179	323
3	898	2.3033	812	945	105
4	1162	2.7973	1001	1228	116
5	1317	2.0812	1228	1412	116
6	1710	29.6704	1412	1846	2993
7	1973	82.9314	1846	2568	8805
8	2925	2.6523	2568	3512	171
9	4140	3.2089	3512	6247	96

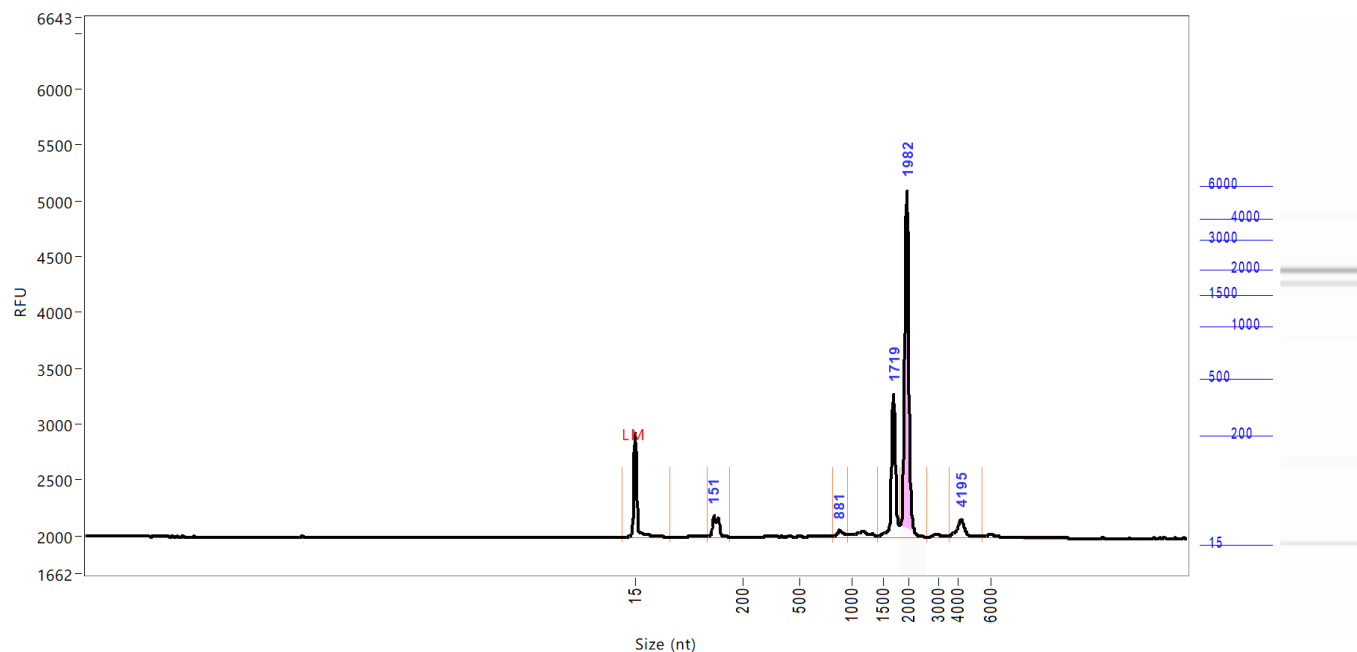
TIC: 132.0333 ng/uL
TIM: 342.3621 nmole/L
Total concentration: 139.6238 ng/uL

28s/18s: 0.0
RQN 7.4

Smear Analysis 200 nt to 10000 nt 132.5186 ng/uL 94.9 %Total 218.9551 nmole/L 1888 Avg. Size (nt) 34.98 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17380
Well location: C6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	936
2	151	4.1686	138	179	205
3	881	1.3134	821	962	70
4	1719	13.0207	1412	1837	1290
5	1982	31.9517	1837	2597	3108
6	4195	3.4535	3535	5500	173

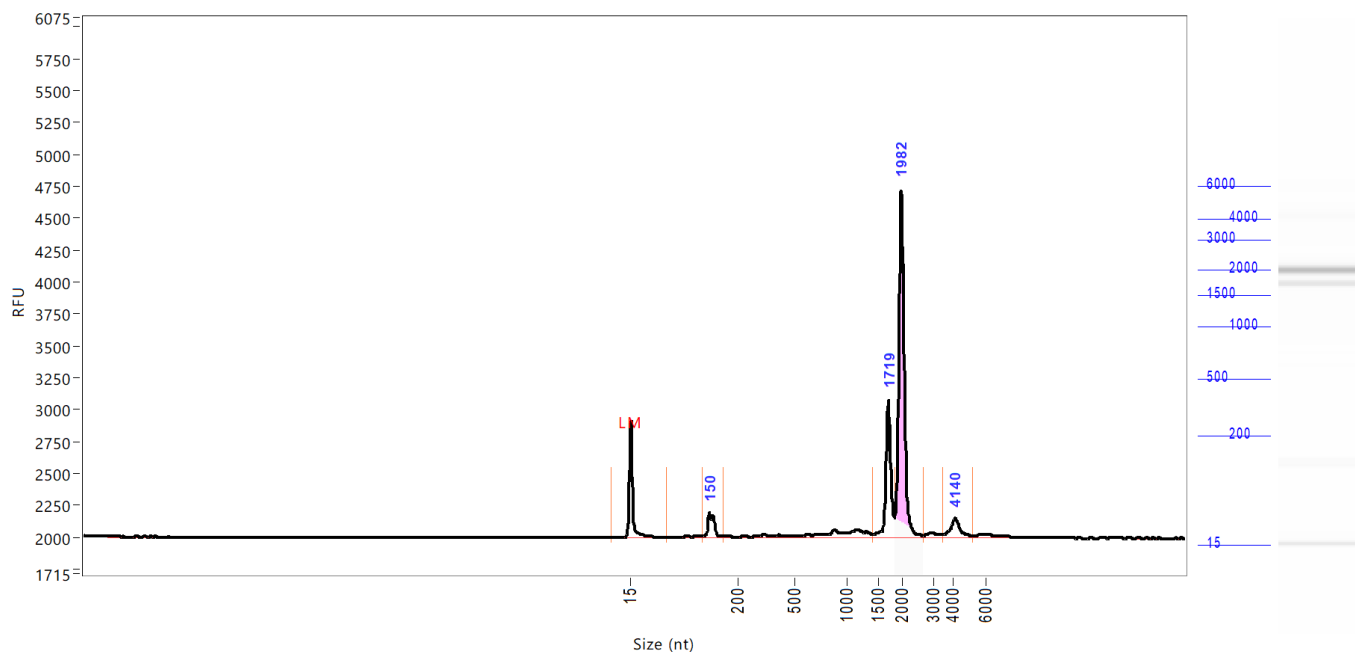
TIC: 53.9078 ng/uL
 TIM: 165.5980 nmole/L
 Total concentration: 62.1814 ng/uL

28s/18s: 0.0
 RQN 7.3

Smear Analysis 200 nt to 10000 nt 56.7856 ng/ul 91.3 %Total 85.3429 nmole/L 2076 Avg. Size (nt) 51.99 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17381
Well location: D6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	911
2	150	4.0679	138	175	193
3	1719	13.9655	1419	1837	1077
4	1982	37.3840	1837	2672	2718
5	4140	3.6641	3535	5278	152

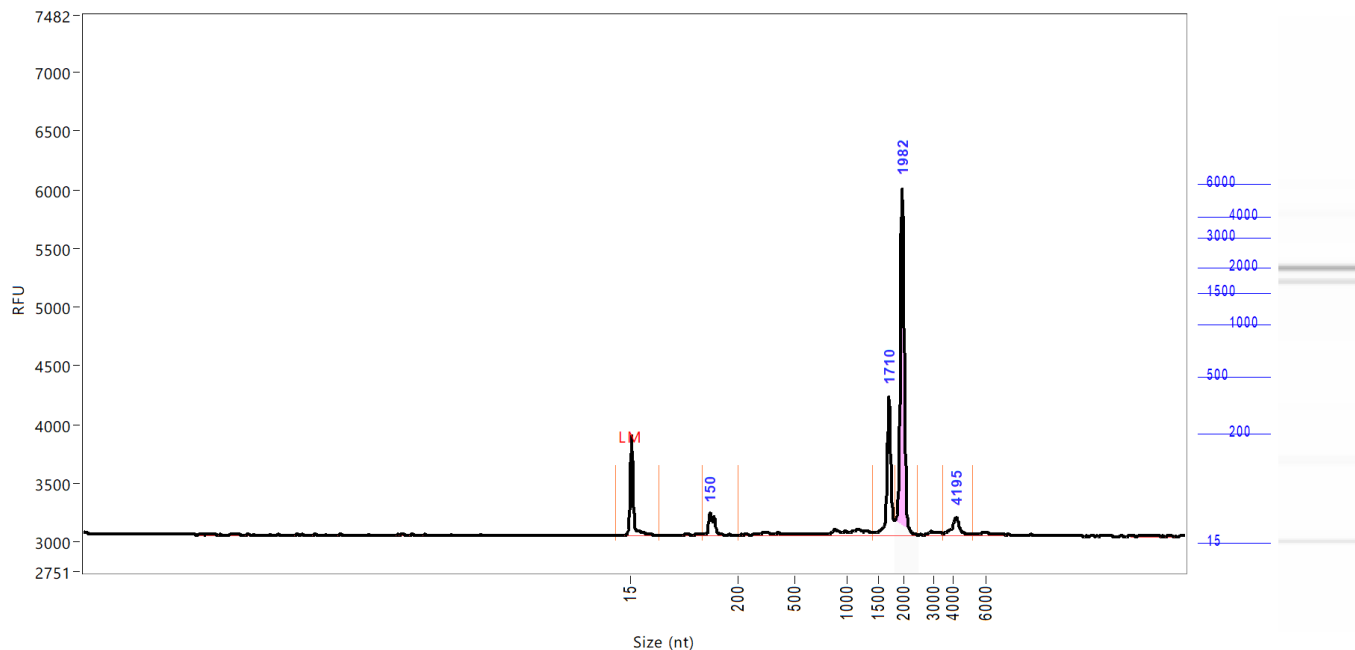
TIC: 59.0816 ng/uL
 TIM: 169.4358 nmole/L
 Total concentration: 70.0858 ng/uL

28s/18s: 0.0
 RQN 7.4

Smear Analysis 200 nt to 10000 nt 65.1711 ng/ul 93.0 %Total 98.3500 nmole/L 2067 Avg. Size (nt) 50.67 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17382
Well location: E6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	64	854
2	150	4.3107	137	198	188
3	1710	13.8706	1405	1828	1189
4	1982	34.2894	1828	2478	2948
5	4195	3.4676	3512	5250	158

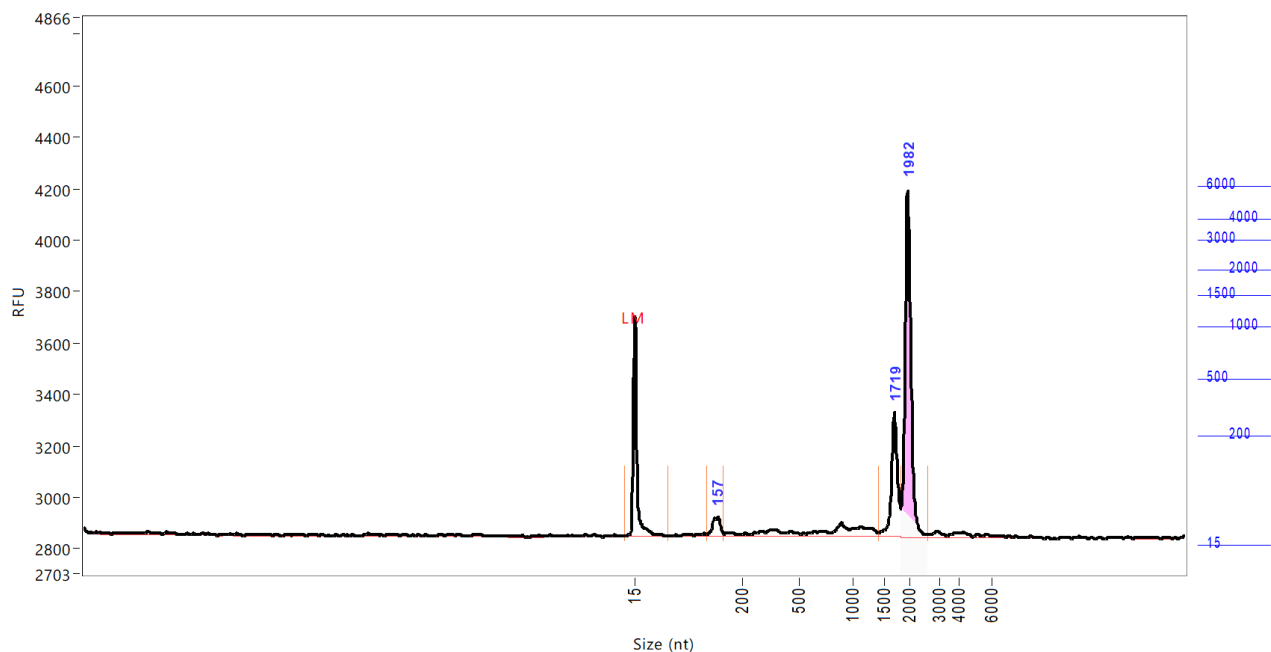
TIC: 55.9383 ng/uL
 TIM: 169.1827 nmole/L
 Total concentration: 66.5925 ng/uL

28s/18s: 0.0
 RQN 7.3

Smear Analysis 200 nt to 10000 nt 61.3930 ng/ul 92.2 %Total 93.5912 nmole/L 2046 Avg. Size (nt) 51.93 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17383
Well location: F6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	73	855
2	157	1.8436	138	167	76
3	1719	7.3991	1419	1846	483
4	1982	19.6421	1846	2612	1345

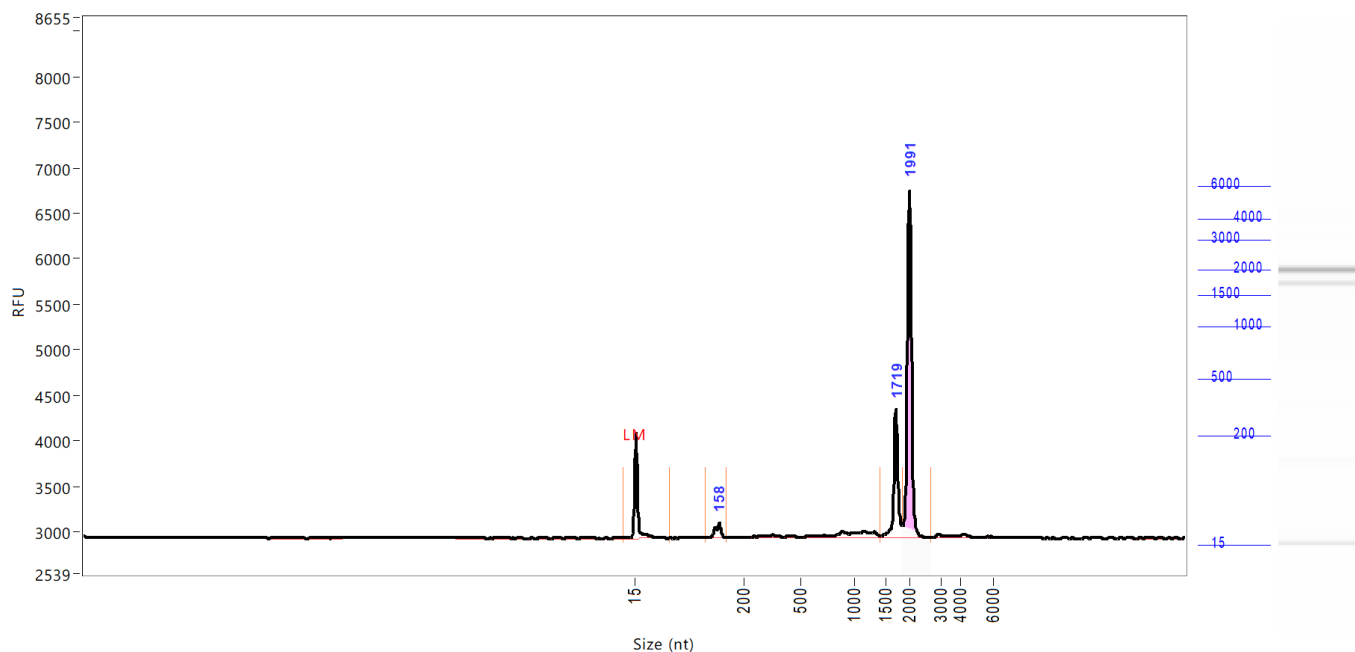
TIC: 28.8847 ng/uL
TIM: 81.4046 nmole/L
Total concentration: 38.1535 ng/uL

28s/18s: 0.0
RQN 6.7

Smear Analysis 200 nt to 10000 nt 35.2284 ng/ul 92.3 %Total 60.7920 nmole/L 1808 Avg. Size (nt) 44.17 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17384
Well location: G6



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	72	1159
2	158	2.5961	133	169	165
3	1719	12.3087	1434	1846	1413
4	1991	32.7843	1846	2672	3817

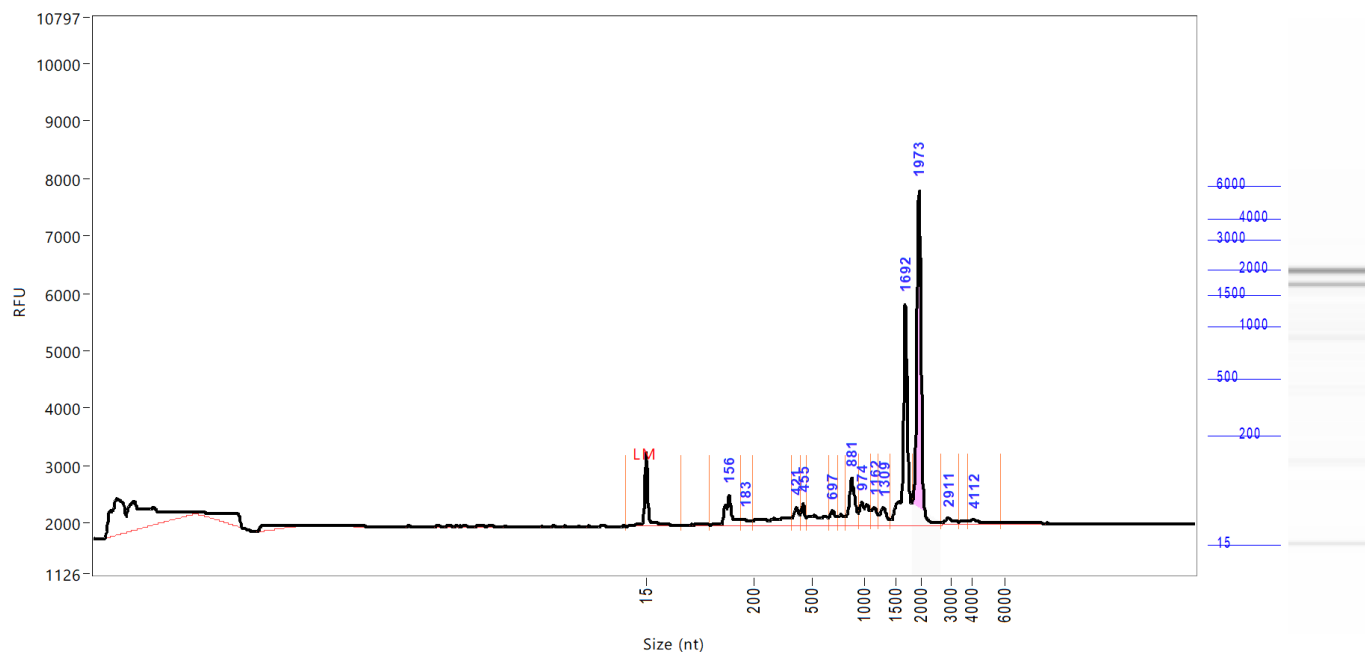
TIC: 47.6891 ng/uL
TIM: 126.3242 nmole/L
Total concentration: 59.5463 ng/uL

28s/18s: 0.0
RQN 7.0

Smear Analysis 200 nt to 10000 nt 55.9604 ng/ul 94.0 %Total 93.3816 nmole/L 1869 Avg. Size (nt) 42.56 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17386
Well location: A7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	75	1289
2	156	7.6988	124	176	530
3	183	1.9307	176	196	117
4	421	3.0442	397	440	315
5	455	2.6691	440	476	382
6	697	2.7960	659	748	253
7	881	8.3655	812	940	816
8	974	5.7456	940	1096	400
9	1162	3.1556	1096	1228	312
10	1309	3.3521	1228	1412	303
11	1692	28.0068	1412	1819	3834
12	1973	41.5523	1819	2642	5806
13	2911	1.7495	2642	3396	120
14	4112	1.9477	3861	5778	86

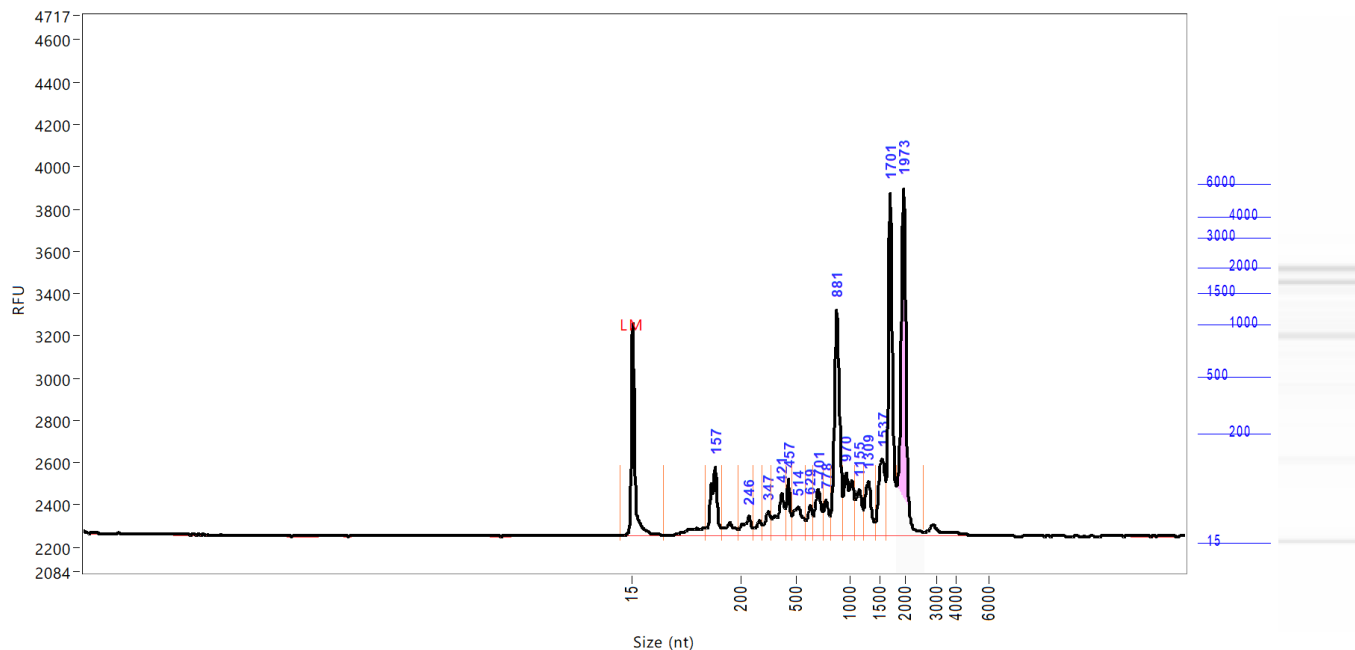
TIC: 112.0138 ng/uL
 TIM: 425.3433 nmole/L
 Total concentration: 128.9419 ng/uL

28s/18s: 0.0
 RQN 4.8

Smear Analysis 200 nt to 10000 nt 117.2726 ng/ul 90.9 %Total 226.2828 nmole/L 1617 Avg. Size (nt) 66.27 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17387
Well location: B7



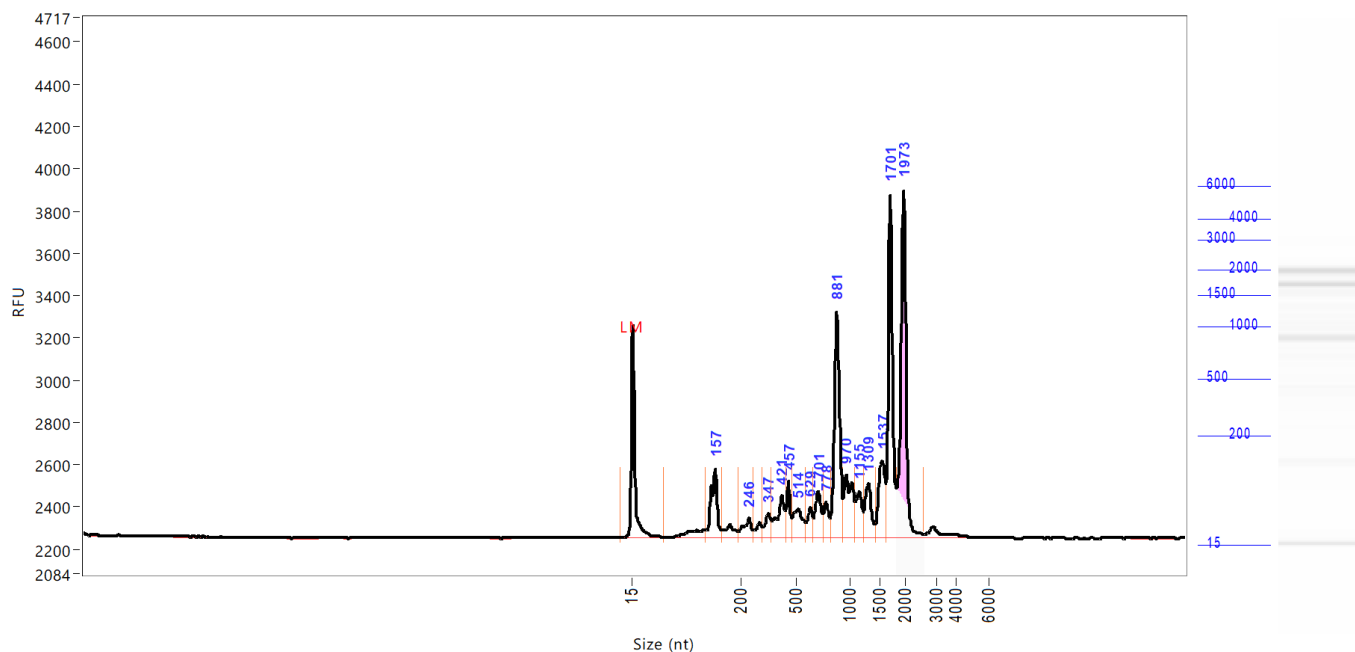
Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	68	1004
2	157	5.5205	141	169	325
3	246	1.8436	197	266	88
4	347	1.6548	318	366	112
5	421	3.8083	366	440	196
6	457	2.4183	440	474	265
7	514	3.2667	474	586	133
8	629	1.8000	586	659	140
9	701	3.1310	659	748	219
10	778	2.0616	748	817	167
11	881	13.7534	817	940	1063
12	970	5.8824	940	1096	295
13	1155	2.9363	1096	1221	219
14	1309	3.8008	1221	1419	255
15	1537	5.2091	1419	1610	359
16	1701	15.3490	1610	1819	1616
17	1973	18.9432	1819	2612	1638

TIC: 91.3789 ng/uL
 TIM: 400.8682 nmole/L
 Total concentration: 95.4565 ng/uL

28s/18s: 0.0

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

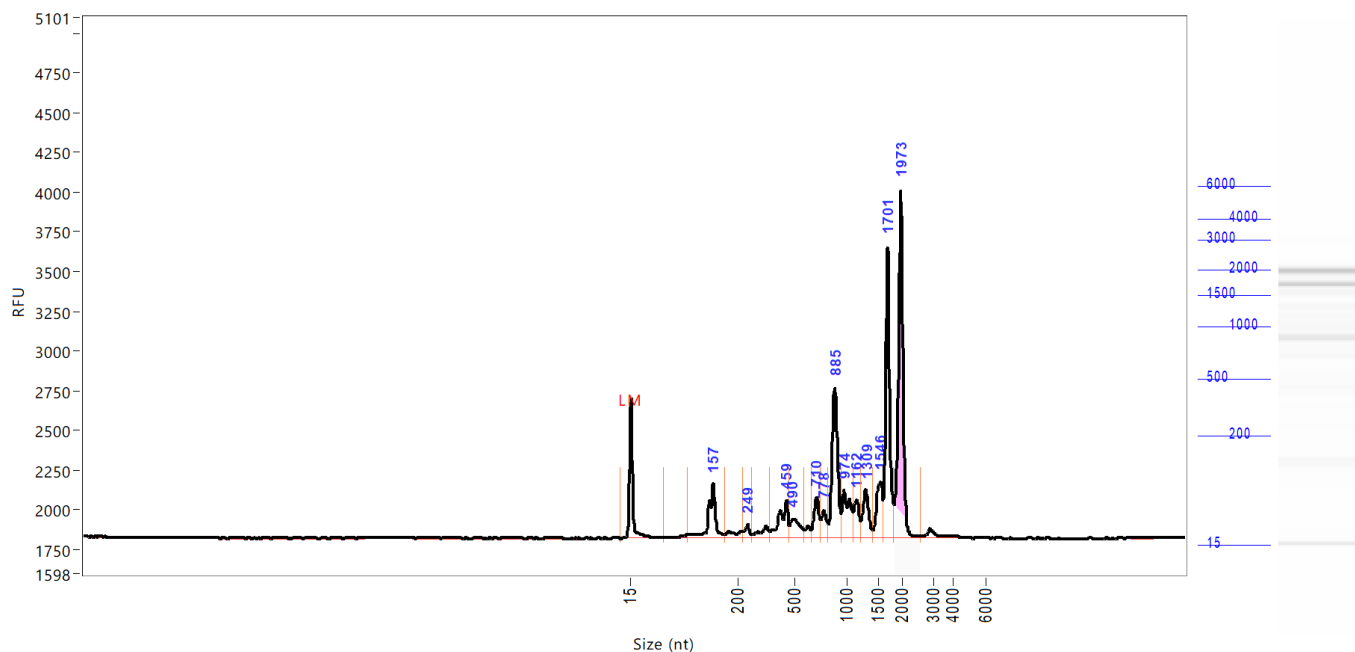
Sample: SFJ17387
Well location: B7



Peak	Size (nt)	Concentration (ng/uL)	From (nt)	To (nt)	RFU		
	RQN	3.1					
Smear Analysis	200 nt to 10000 nt	86.5369 ng/uL	90.7 %Total	211.6163 nmole/L	1275 Avg. Size (nt)	48.42 %CV	

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17388
Well location: C7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	72	876
2	157	8.3819	112	176	341
3	249	1.4052	223	270	85
4	459	6.2488	368	476	235
5	490	3.6495	476	595	121
6	710	3.9750	655	748	257
7	778	2.7914	748	825	176
8	885	15.5641	825	945	950
9	974	6.6700	945	1089	302
10	1162	3.9651	1089	1228	240
11	1309	5.0343	1228	1427	303
12	1546	6.0681	1427	1619	356
13	1701	20.1564	1619	1828	1833
14	1973	27.4108	1828	2583	2186

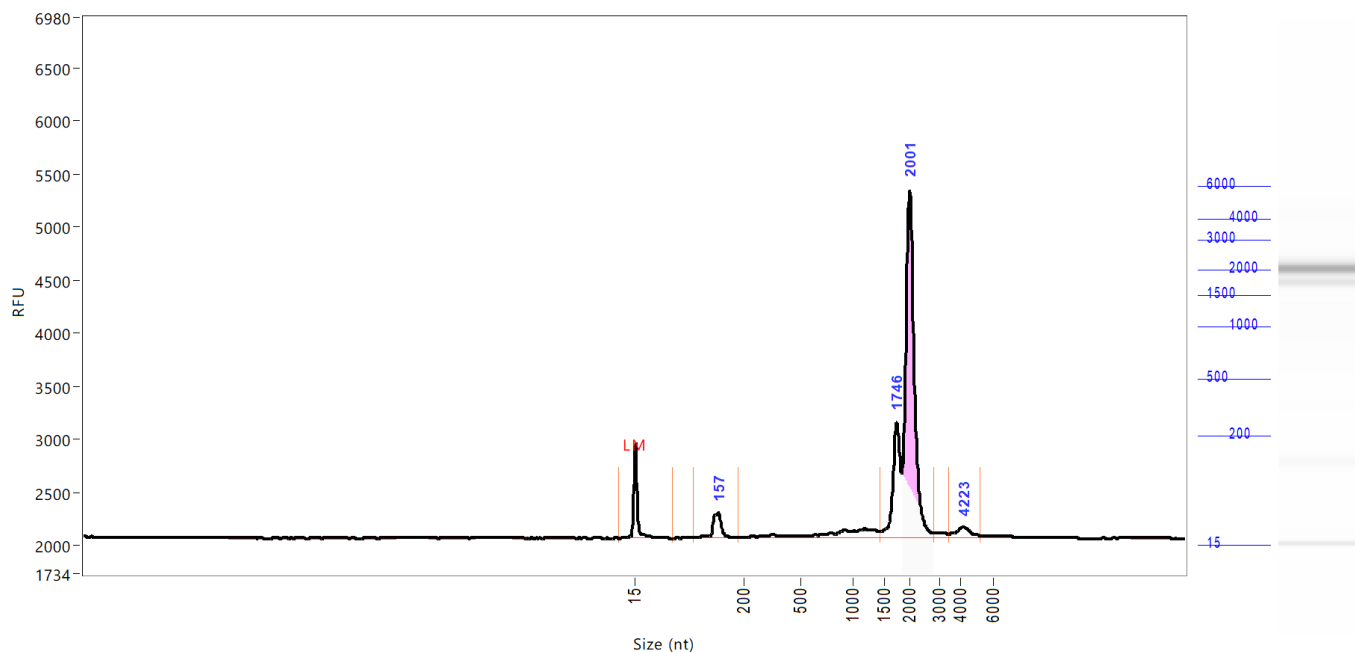
TIC: 111.3205 ng/uL
 TIM: 477.2257 nmole/L
 Total concentration: 117.3108 ng/uL

28s/18s: 0.0
 RQN 3.5

Smear Analysis 200 nt to 10000 nt 107.0051 ng/ul 91.2 %Total 246.7770 nmole/L 1352 Avg. Size (nt) 45.92 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17389
Well location: D7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	79	896
2	157	6.5334	115	190	246
3	1746	19.8470	1427	1846	1086
4	2001	67.6777	1846	2791	3271
5	4223	3.5195	3442	5306	104

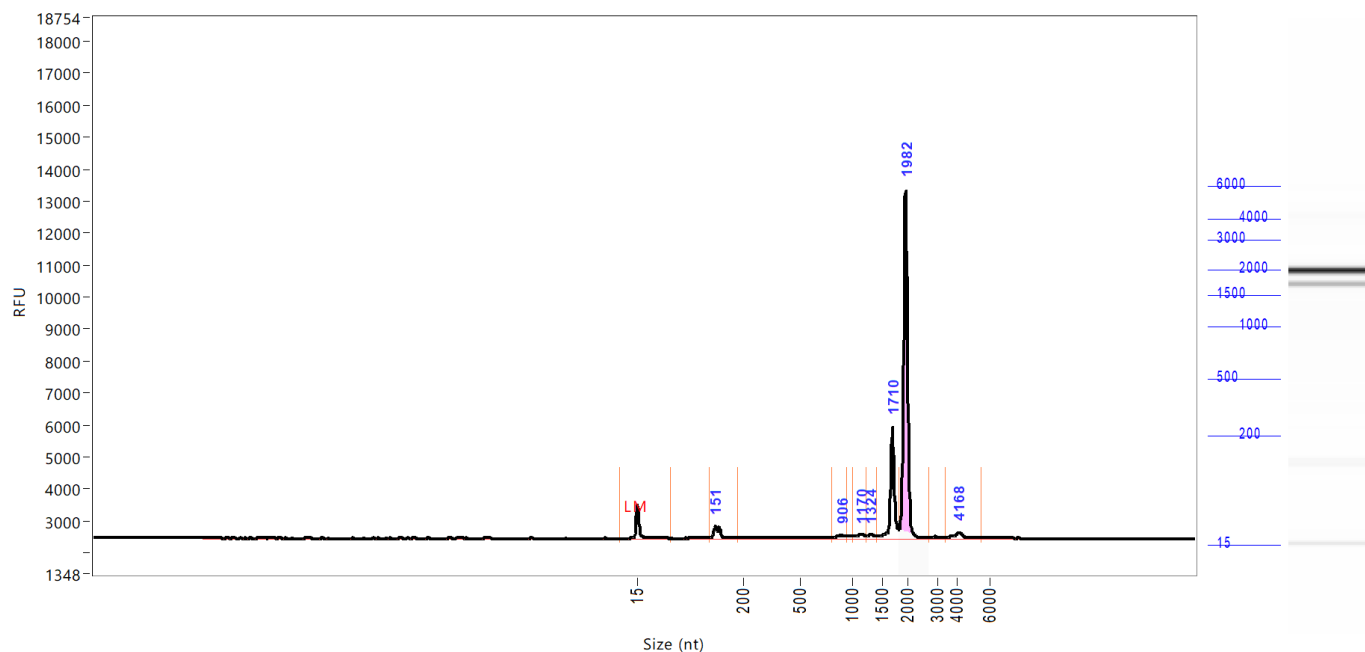
TIC: 97.5776 ng/uL
 TIM: 274.3244 nmole/L
 Total concentration: 110.9541 ng/uL

28s/18s: 0.0
 RQN 7.7

Smear Analysis 200 nt to 10000 nt 103.9354 ng/ul 93.7 %Total 162.1720 nmole/L 1999 Avg. Size (nt) 38.95 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17390
Well location: E7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	74	1040
2	151	7.1716	139	191	404
3	906	2.2872	808	949	100
4	1170	2.8183	1008	1236	122
5	1324	2.0580	1236	1419	119
6	1710	31.8252	1419	1837	3484
7	1982	100.0119	1837	2717	10874
8	4168	4.2014	3419	5528	189

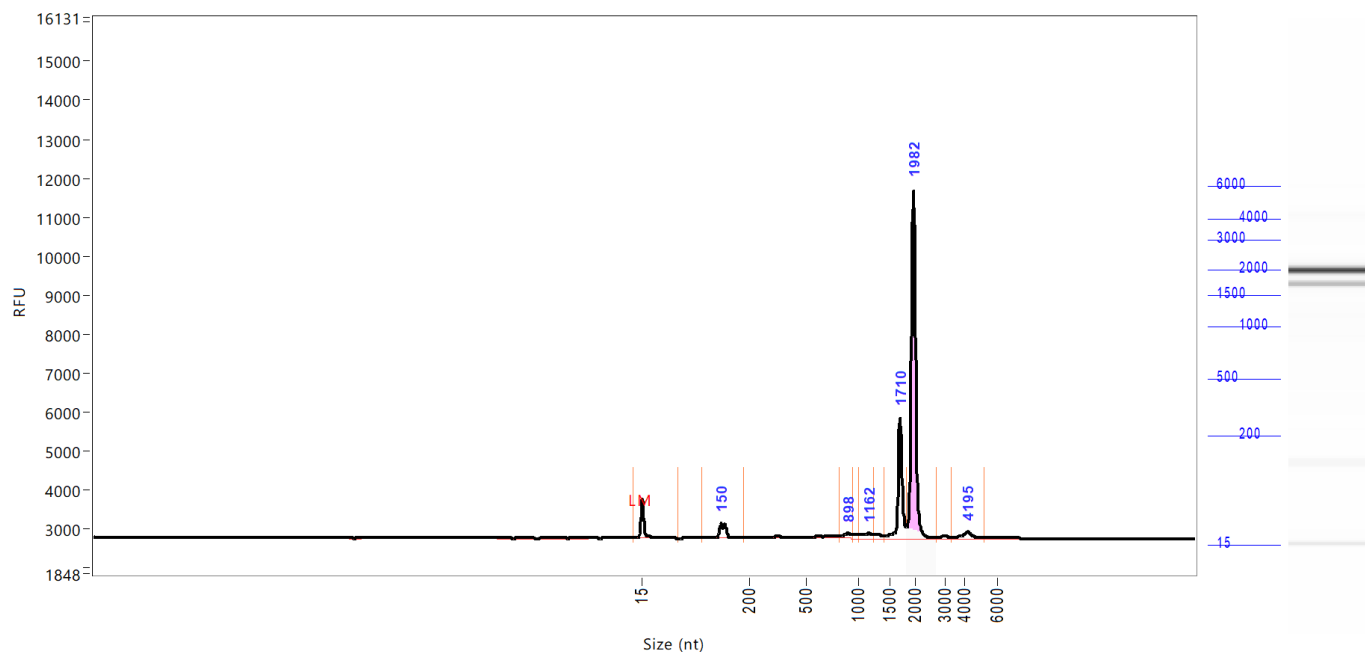
TIC: 150.3737 ng/uL
 TIM: 385.5262 nmole/L
 Total concentration: 160.3721 ng/uL

28s/18s: 0.0
 RQN 7.7

Smear Analysis 200 nt to 10000 nt 151.9189 ng/ul 94.7 %Total 246.3794 nmole/L 1923 Avg. Size (nt) 37.23 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17391
Well location: F7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	77	1007
2	150	8.1355	119	188	395
3	898	2.8553	821	949	120
4	1162	3.2349	1008	1243	122
5	1710	30.9997	1405	1846	3103
6	1982	91.9325	1846	2732	8919
7	4195	3.7928	3326	5195	167

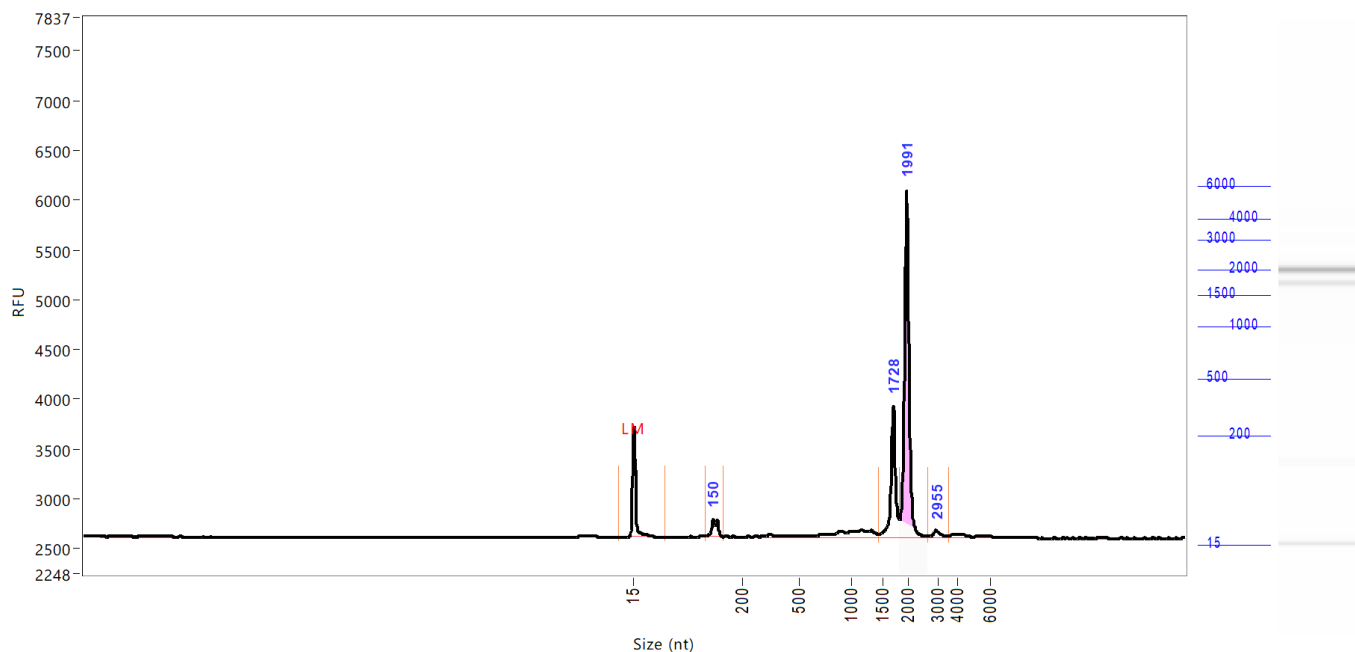
TIC: 140.9507 ng/uL
 TIM: 389.7921 nmole/L
 Total concentration: 152.4822 ng/uL

28s/18s: 0.0
 RQN 7.5

Smear Analysis 200 nt to 10000 nt 143.8590 ng/uL 94.3 %Total 238.7550 nmole/L 1879 Avg. Size (nt) 33.26 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17392
Well location: G7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	68	1102
2	150	3.1457	139	168	180
3	1728	14.0257	1441	1846	1322
4	1991	36.8120	1846	2672	3482
5	2955	1.2605	2672	3535	71

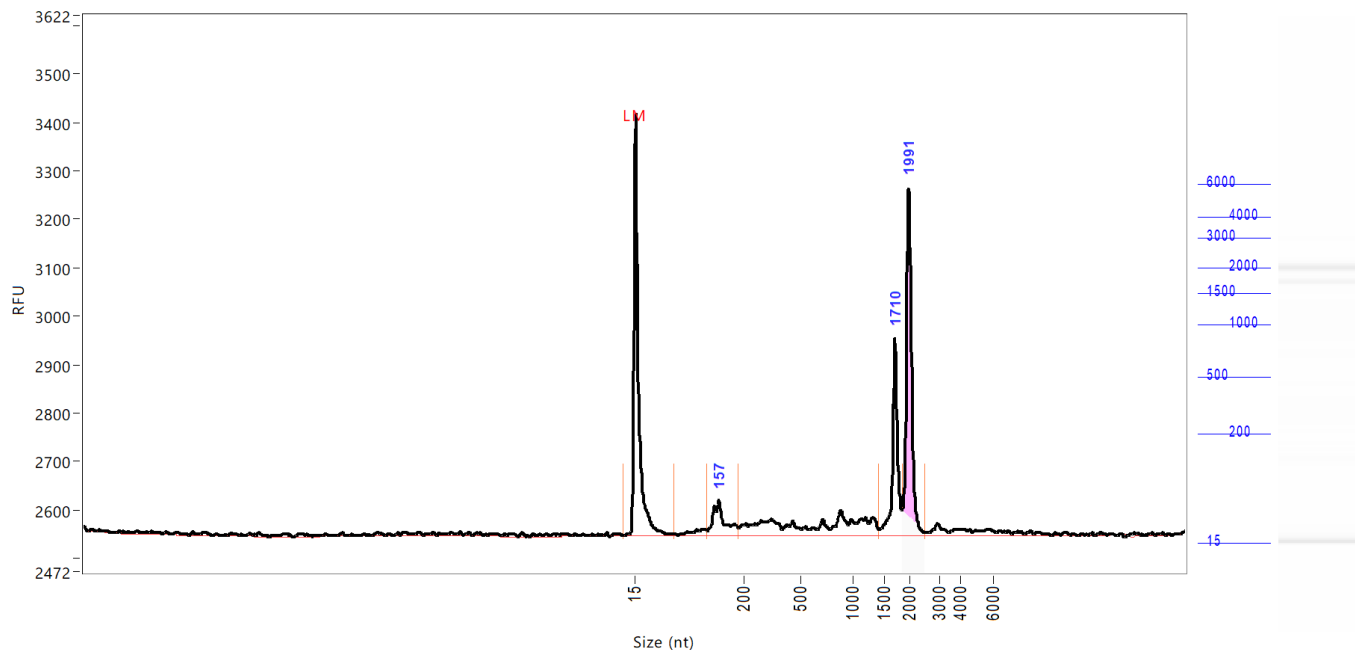
TIC: 55.2439 ng/uL
 TIM: 148.3880 nmole/L
 Total concentration: 64.9102 ng/uL

28s/18s: 0.0
 RQN 7.2

Smear Analysis 200 nt to 10000 nt 61.2723 ng/ul 94.4 %Total 100.2687 nmole/L 1906 Avg. Size (nt) 36.56 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17393
Well location: H7



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	80	870
2	157	2.0874	138	192	72
3	1710	4.1283	1419	1864	405
4	1991	7.4386	1864	2523	715

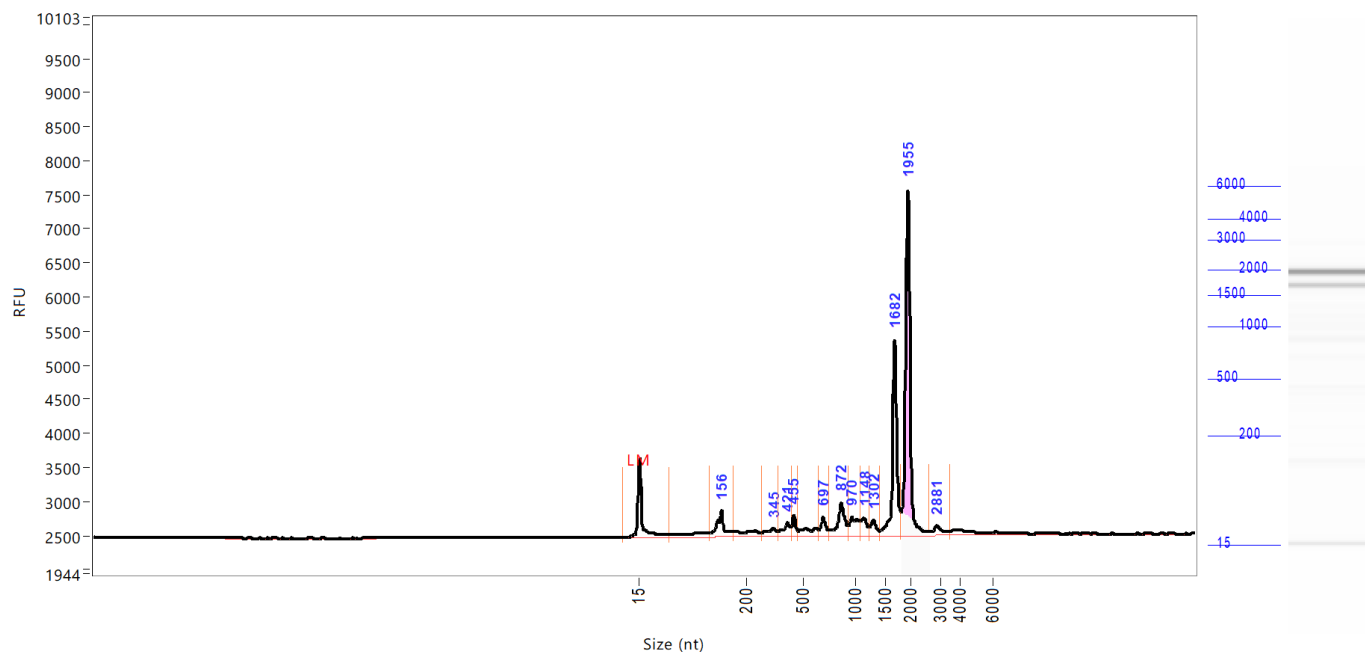
TIC: 13.6543 ng/uL
TIM: 59.4793 nmole/L
Total concentration: 22.0840 ng/uL

28s/18s: 0.0
RQN 5.3

Smear Analysis 200 nt to 10000 nt 19.0320 ng/ul 86.2 %Total 33.7148 nmole/L 1761 Avg. Size (nt) 71.48 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17394
Well location: A8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	67	1162
2	156	5.8742	136	178	386
3	345	2.2819	278	366	112
4	421	2.6628	366	438	203
5	455	2.1220	438	476	314
6	697	2.5701	650	748	277
7	872	6.1038	748	936	486
8	970	3.9708	936	1082	276
9	1148	2.8470	1082	1228	264
10	1302	2.2891	1228	1405	227
11	1682	20.4945	1405	1819	2858
12	1955	36.9623	1819	2642	5053
13	2881	2.0843	2642	3442	144

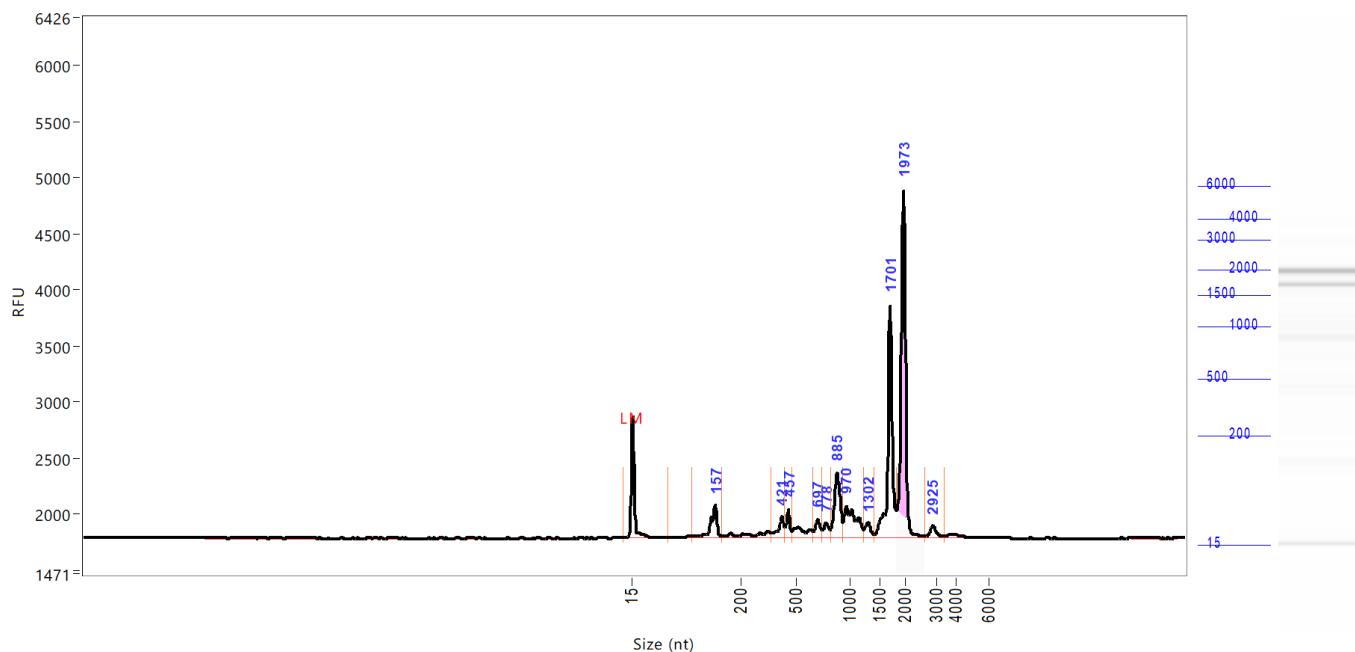
TIC: 90.2629 ng/uL
 TIM: 333.3162 nmole/L
 Total: 103.6829 ng/uL
 concentration:

28s/18s: 0.0
 RQN 5.3

Smear Analysis 200 nt to 10000 nt 92.5663 ng/ul 89.3 %Total 170.0706 nmole/L 1698 Avg. Size (nt) 65.37 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17395
Well location: B8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	1081
2	157	5.3840	117	169	297
3	421	2.8671	368	438	191
4	457	2.3026	438	474	263
5	697	2.2041	655	744	171
6	778	1.7512	744	817	137
7	885	8.5253	817	940	584
8	970	7.8694	940	1228	288
9	1302	1.9383	1228	1405	139
10	1701	21.1773	1405	1819	2073
11	1973	30.9387	1819	2657	3093
12	2925	1.7209	2657	3466	114

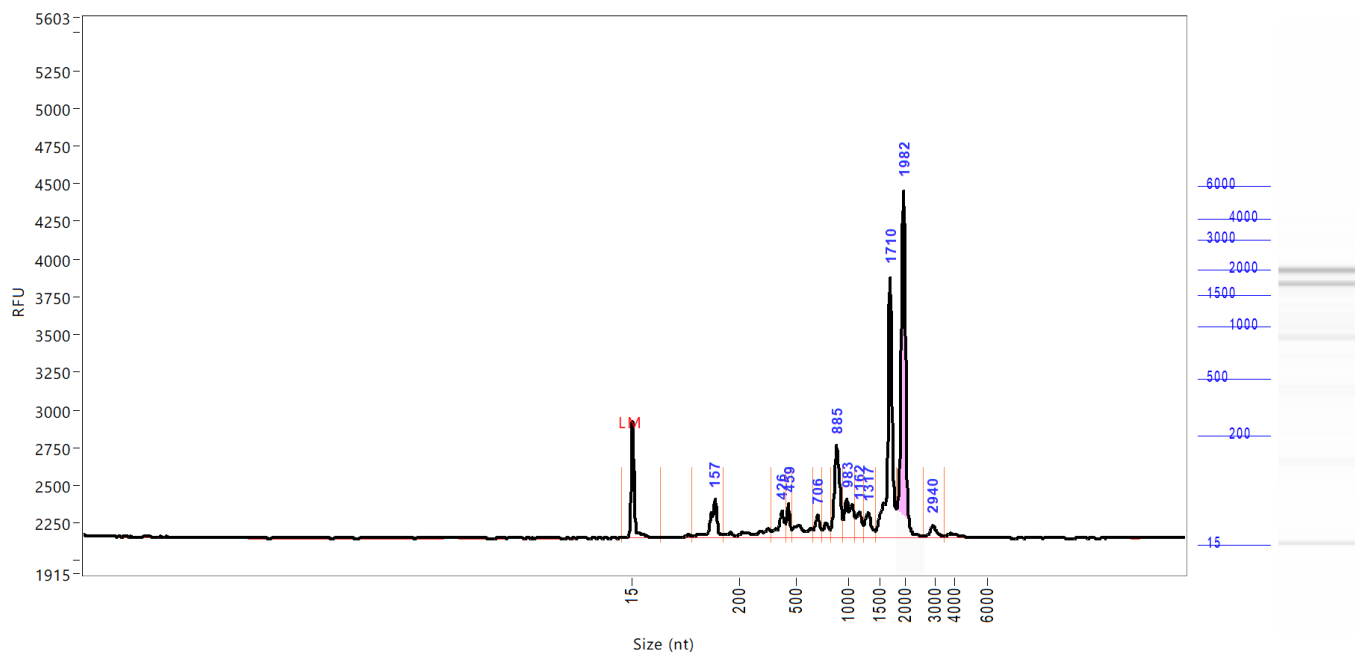
TIC: 86.6790 ng/uL
 TIM: 314.6438 nmole/L
 Total concentration: 94.8474 ng/uL

28s/18s: 0.0
 RQN 4.6

Smear Analysis 200 nt to 10000 nt 87.7544 ng/ul 92.5 %Total 182.4088 nmole/L 1501 Avg. Size (nt) 47.19 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17396
Well location: C8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	64	772
2	157	6.8301	118	172	256
3	426	4.0708	371	445	179
4	459	2.8378	445	478	228
5	706	2.6411	663	748	149
6	885	11.5261	825	945	614
7	983	6.8984	945	1104	258
8	1162	3.3411	1104	1243	174
9	1317	3.4552	1243	1427	167
10	1710	25.7355	1427	1837	1727
11	1982	32.8478	1837	2642	2300
12	2940	1.9006	2642	3512	85

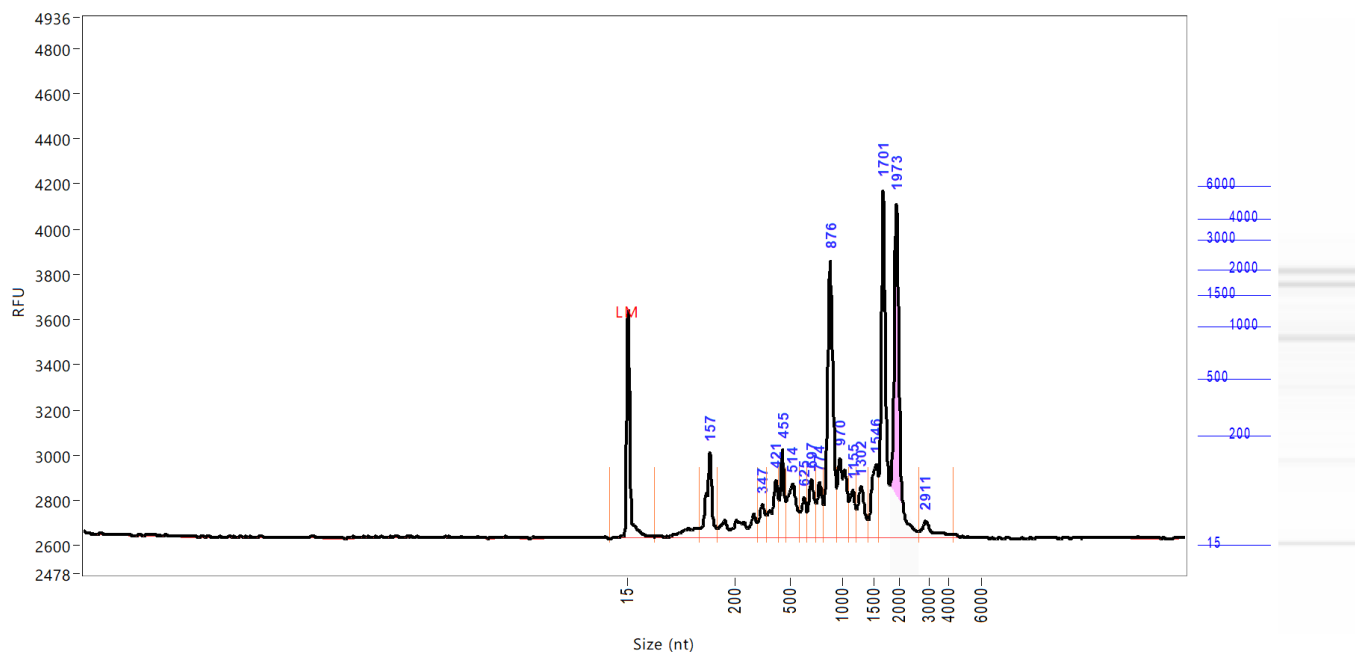
TIC: 102.0845 ng/uL
 TIM: 382.5689 nmole/L
 Total concentration: 113.5289 ng/uL

28s/18s: 0.0
 RQN 4.2

Smear Analysis 200 nt to 10000 nt 104.6451 ng/ul 92.2 %Total 223.4161 nmole/L 1461 Avg. Size (nt) 46.57 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17397
Well location: D8



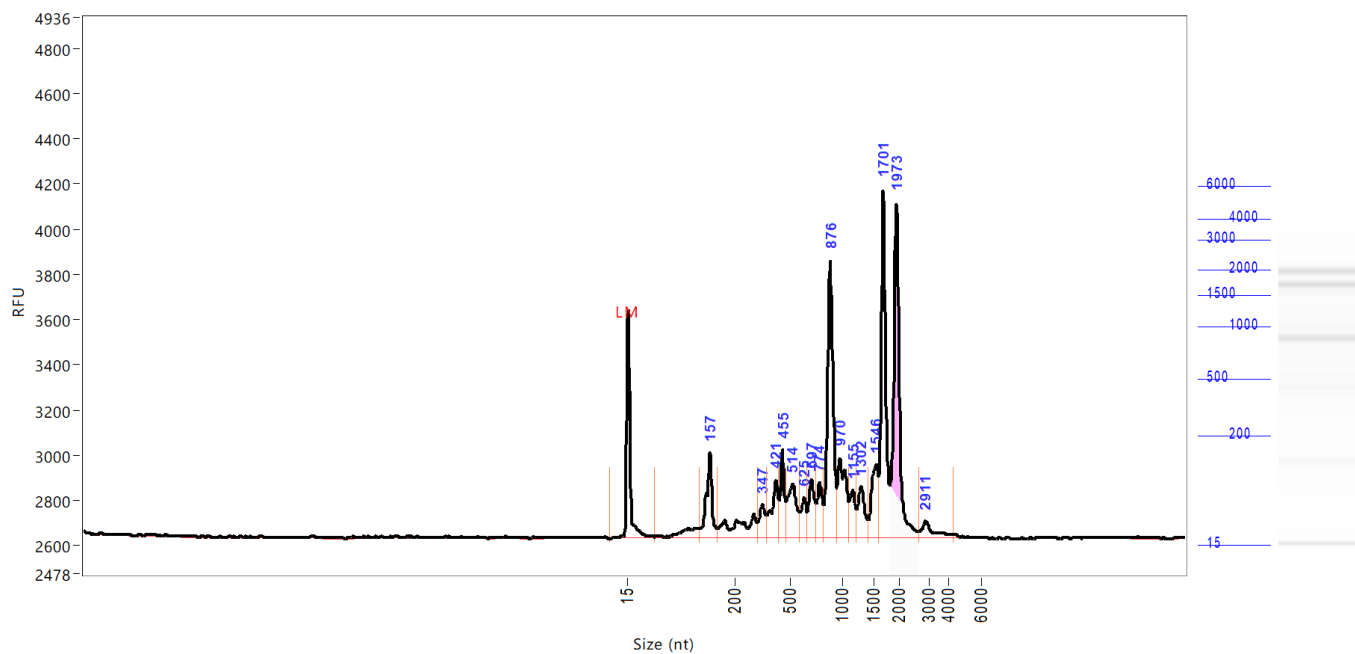
Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	60	1005
2	157	6.3585	138	169	374
3	347	2.4601	318	368	145
4	421	4.8210	368	438	253
5	455	4.0436	438	474	387
6	514	5.9514	474	586	235
7	625	2.4127	586	655	175
8	697	4.0110	655	744	256
9	774	3.2489	744	817	244
10	876	17.5630	817	940	1221
11	970	7.2103	940	1096	351
12	1155	2.8487	1096	1214	208
13	1302	3.8435	1214	1412	222
14	1546	5.2446	1412	1601	321
15	1701	16.5315	1601	1828	1531
16	1973	19.7529	1828	2657	1473
17	2911	1.8955	2657	4334	74

TIC: 108.1973 ng/uL
 TIM: 469.9140 nmole/L
 Total concentration: 114.6773 ng/uL

28s/18s: 0.0

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17397
Well location: D8

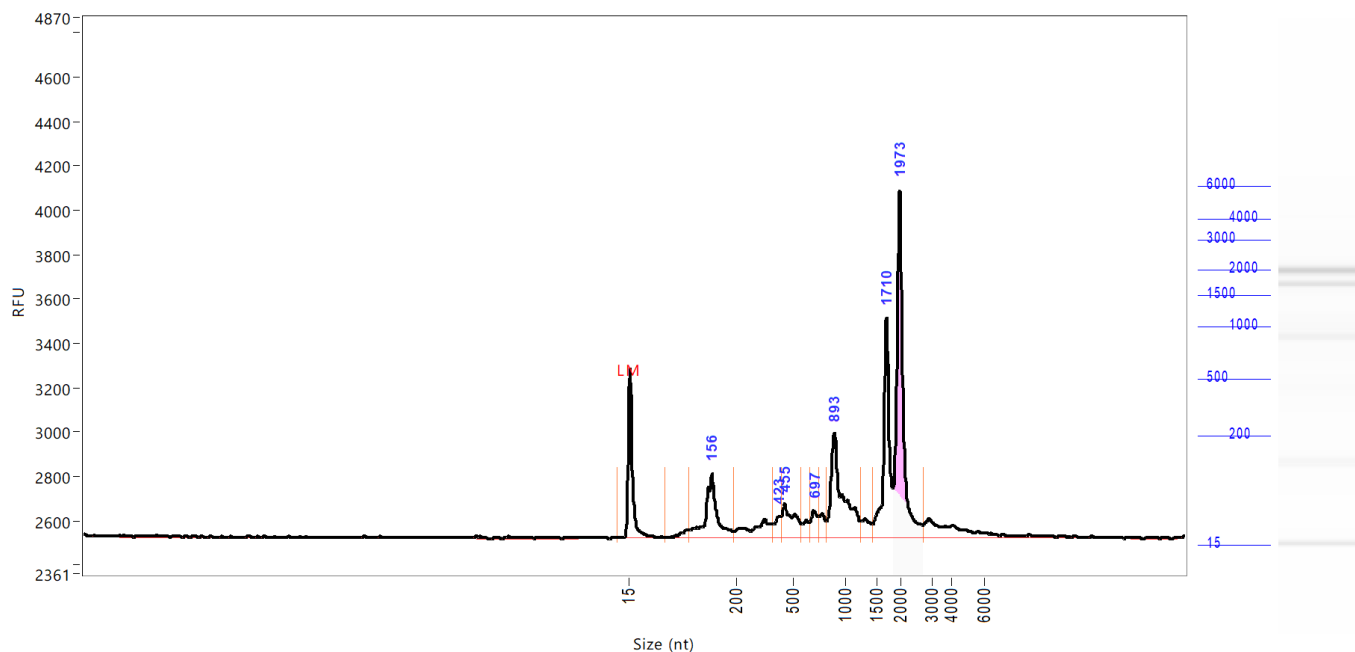


Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
	RQN	2.9			

Smear Analysis 200 nt to 10000 nt 103.6429 ng/ul 90.4 %Total 264.0524 nmole/L 1224 Avg. Size (nt) 53.82 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17398
Well location: E8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	77	764
2	156	10.4018	117	195	291
3	423	1.6759	392	435	98
4	455	5.1212	435	582	156
5	697	2.1209	655	740	124
6	893	14.8513	817	1243	471
7	1710	14.0990	1441	1837	992
8	1973	24.0153	1837	2717	1564

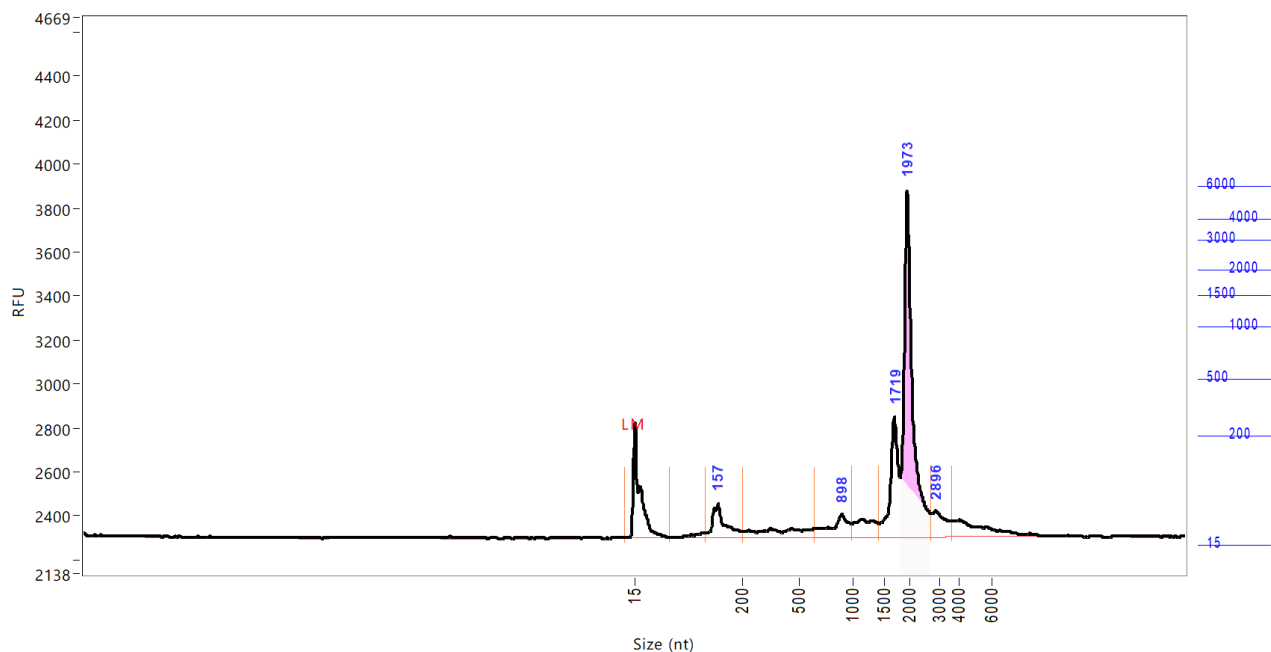
TIC: 72.2853 ng/uL
 TIM: 374.4784 nmole/L
 Total concentration: 89.7623 ng/uL

28s/18s: 0.0
 RQN 4.6

Smear Analysis 200 nt to 10000 nt 77.6115 ng/uL 86.5 %Total 147.2322 nmole/L 1644 Avg. Size (nt) 73.65 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17399
Well location: F8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	76	524
2	157	5.5788	136	201	157
3	898	4.4985	633	996	104
4	1719	10.0360	1434	1837	547
5	1973	30.3452	1837	2747	1573
6	2896	3.6753	2747	3675	116

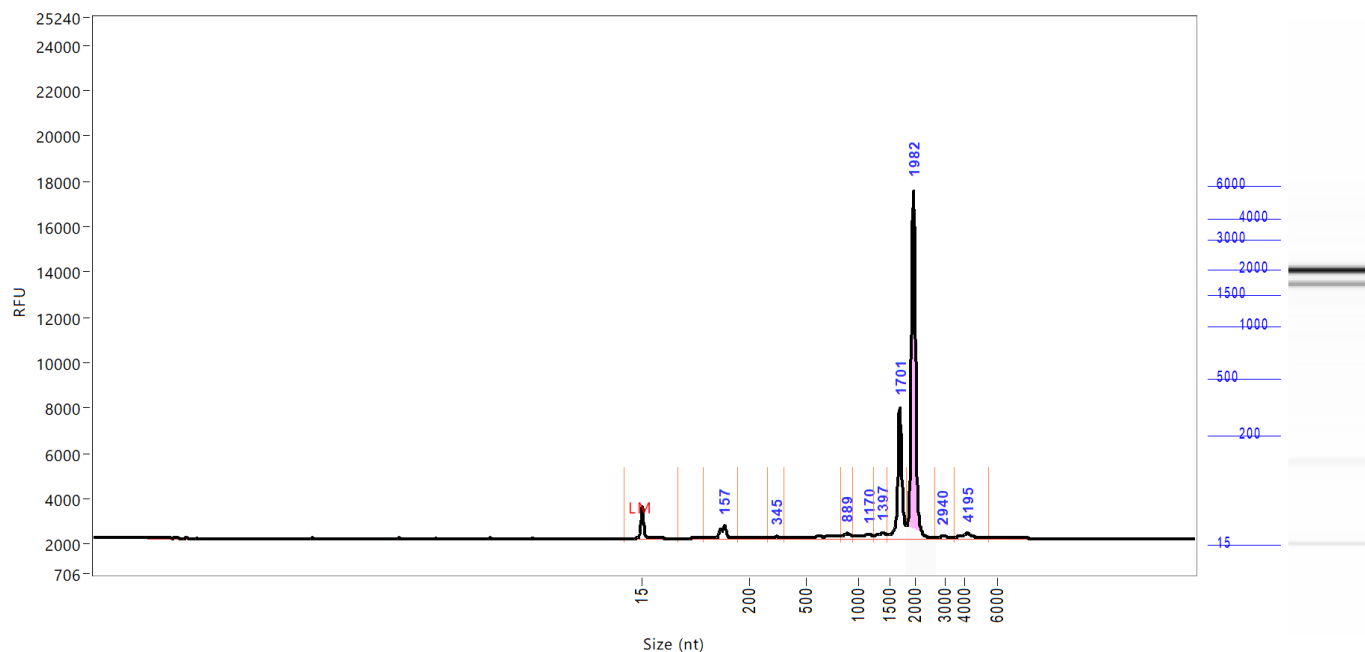
TIC: 54.1338 ng/uL
TIM: 191.0800 nmole/L
Total concentration: 68.7934 ng/uL

28s/18s: 0.0
RQN 6.9

Smear Analysis 200 nt to 10000 nt 62.2045 ng/ul 90.4 %Total 93.4197 nmole/L 2077 Avg. Size (nt) 60.66 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17400
Well location: G8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	77	1409
2	157	8.2553	121	179	566
3	345	1.5293	292	383	79
4	889	3.2563	825	949	209
5	1170	4.2979	949	1243	177
6	1397	3.8738	1243	1471	260
7	1701	43.6633	1471	1846	5787
8	1982	113.7994	1846	2702	15325
9	2940	1.8262	2702	3489	118
10	4195	4.4902	3489	5528	223

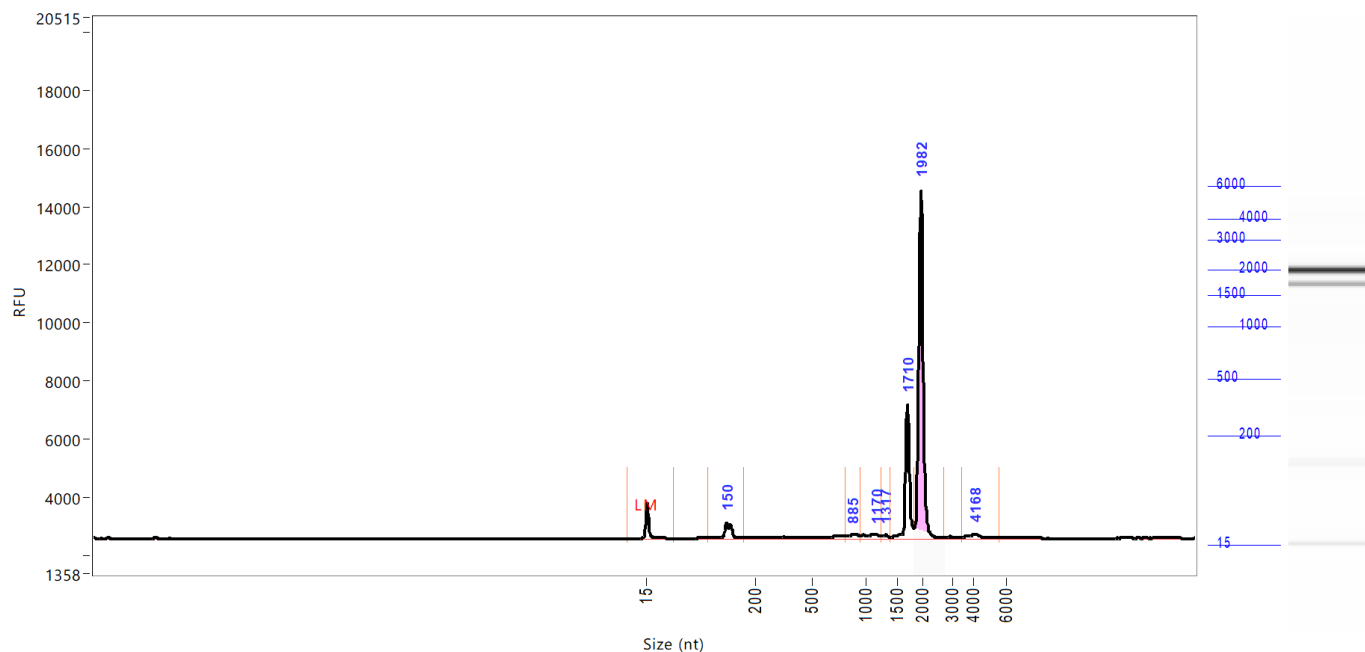
TIC: 184.9917 ng/uL
TIM: 480.2780 nmole/L
Total concentration: 193.8573 ng/uL

28s/18s: 0.0
RQN 7.3

Smear Analysis 200 nt to 10000 nt 184.6109 ng/uL 95.2 %Total 305.0032 nmole/L 1888 Avg. Size (nt) 36.09 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17401
Well location: H8



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	60	1239
2	150	9.3814	120	180	571
3	885	2.7933	808	945	138
4	1170	3.9152	945	1243	128
5	1317	1.3410	1243	1397	109
6	1710	34.9289	1397	1846	4611
7	1982	99.6251	1846	2732	11964
8	4168	3.6443	3466	5611	152

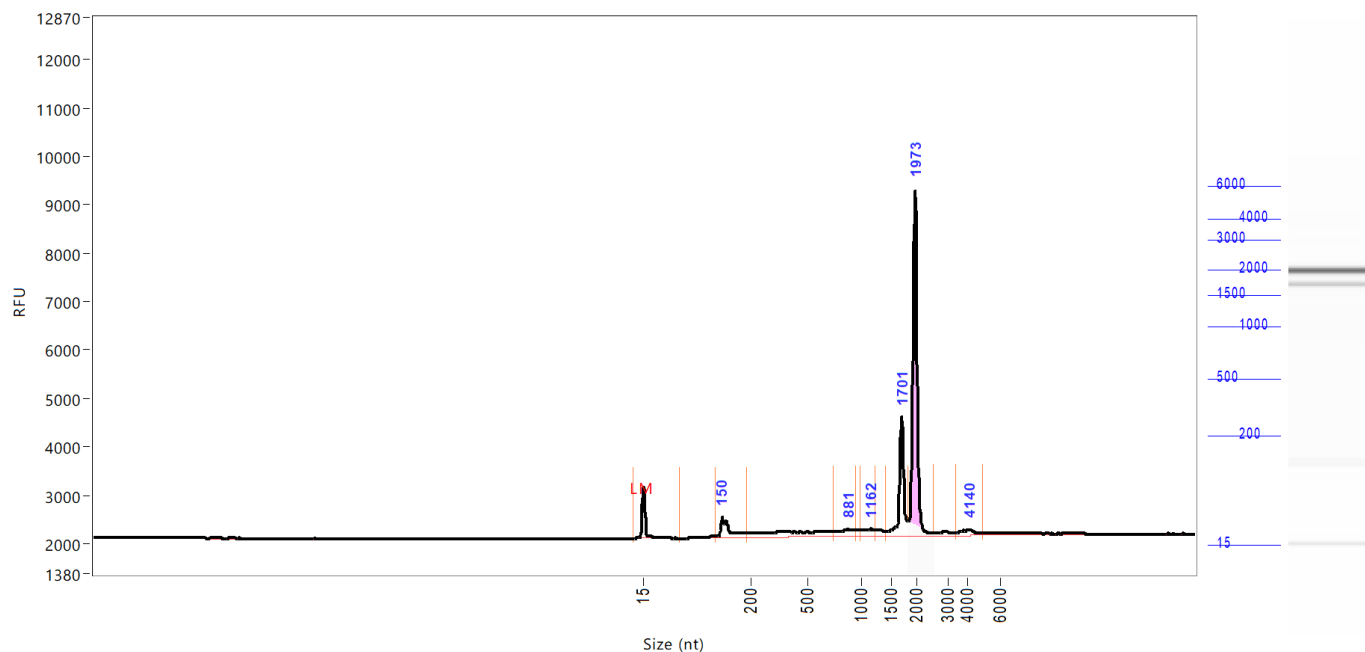
TIC: 155.6292 ng/uL
 TIM: 439.9048 nmole/L
 Total concentration: 164.6085 ng/uL

28s/18s: 0.0
 RQN 7.5

Smear Analysis 200 nt to 10000 nt 153.9486 ng/ul 93.5 %Total 253.1855 nmole/L 1897 Avg. Size (nt) 33.74 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17402
Well location: A9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	77	1069
2	150	11.5289	138	192	419
3	881	5.9220	736	949	147
4	1162	3.9923	1001	1228	142
5	1701	25.7066	1405	1828	2454
6	1973	71.4962	1828	2568	7122
7	4140	3.8014	3466	4973	123

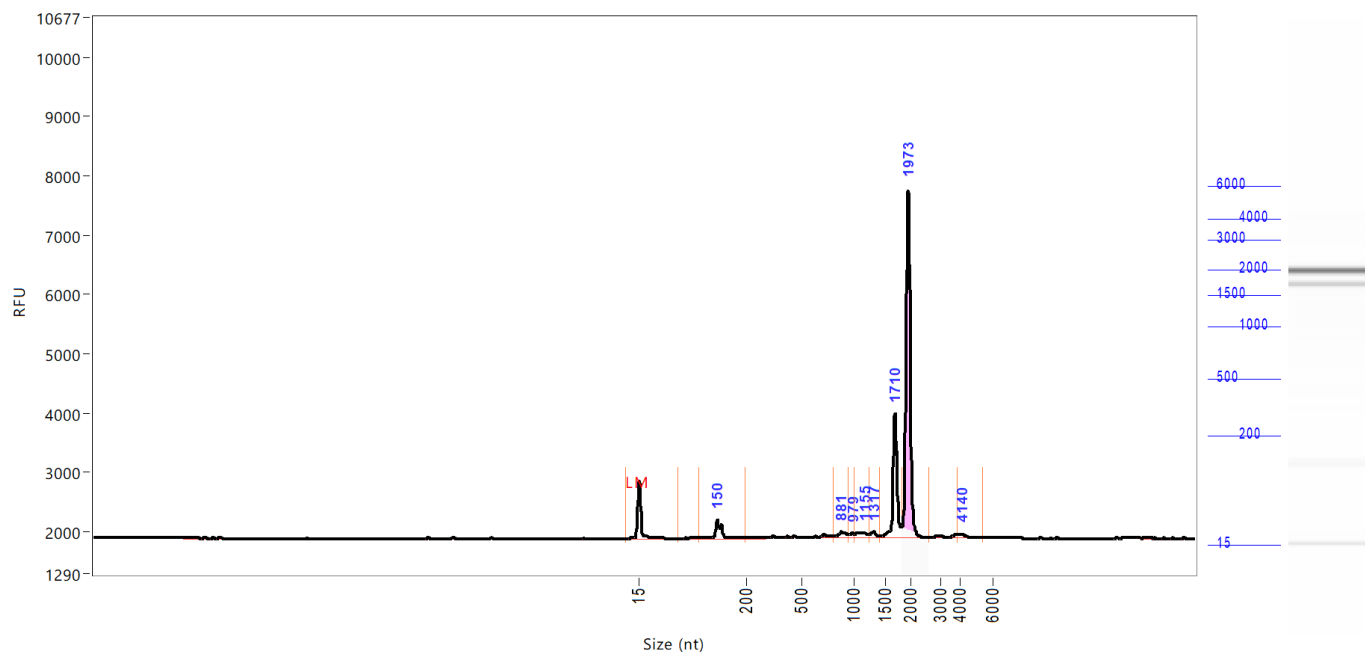
TIC: 122.4474 ng/uL
 TIM: 419.2877 nmole/L
 Total concentration: 152.5941 ng/uL

28s/18s: 0.0
 RQN 6.5

Smear Analysis 200 nt to 10000 nt 138.6833 ng/uL 90.9 %Total 233.1172 nmole/L 1856 Avg. Size (nt) 63.66 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17403
Well location: B9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	82	962
2	150	6.4554	119	198	319
3	881	2.5186	795	945	104
4	979	1.2135	945	1008	89
5	1155	2.6321	1008	1236	99
6	1317	1.8788	1236	1427	106
7	1710	21.7775	1427	1837	2094
8	1973	61.4565	1837	2612	5859
9	4140	1.4494	3930	5417	73

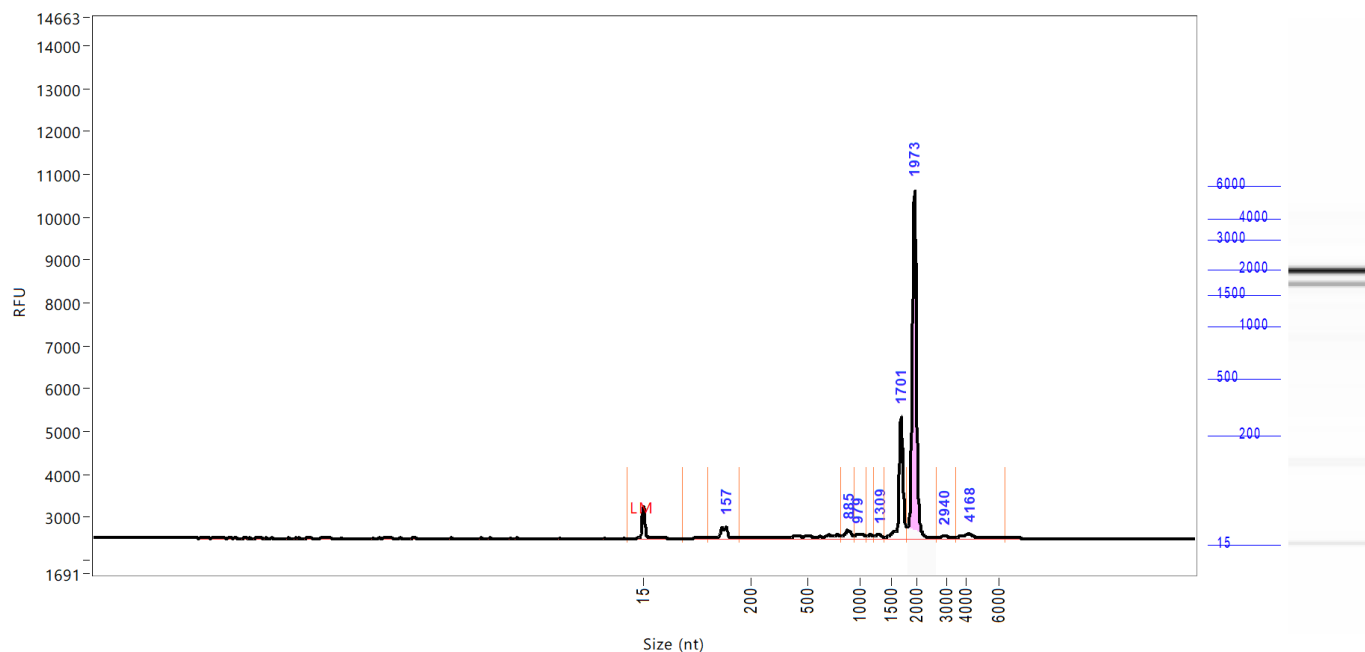
TIC: 99.3818 ng/uL
 TIM: 294.3138 nmole/L
 Total concentration: 106.1494 ng/uL

28s/18s: 0.0
 RQN 7.2

Smear Analysis 200 nt to 10000 nt 99.2360 ng/uL 93.5 %Total 167.5714 nmole/L 1847 Avg. Size (nt) 33.46 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17404
Well location: C9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	82	758
2	157	7.7516	126	179	277
3	885	4.6933	817	949	184
4	979	2.8276	949	1096	100
5	1309	2.0712	1228	1397	99
6	1701	37.0809	1397	1828	2841
7	1973	107.6393	1828	2687	8102
8	2940	1.8318	2687	3489	66
9	4168	4.2659	3489	6439	113

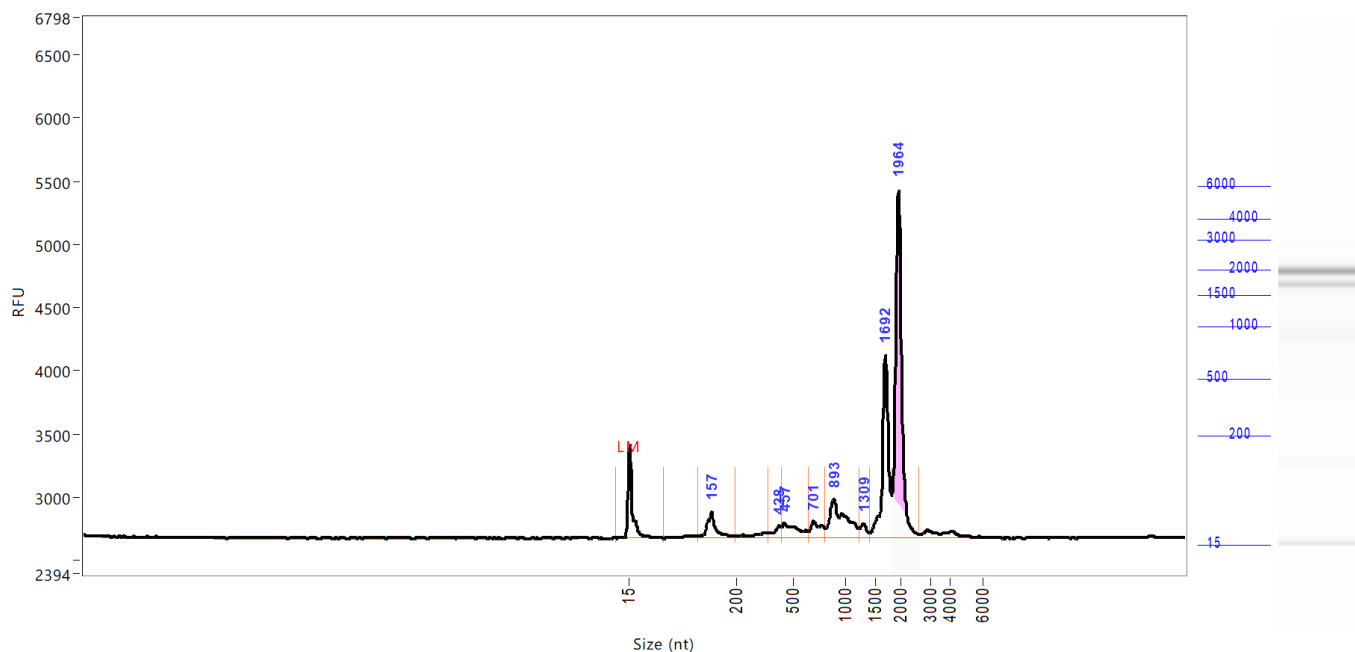
TIC: 168.1616 ng/uL
 TIM: 432.8183 nmole/L
 Total concentration: 180.6338 ng/uL

28s/18s: 0.0
 RQN 7.3

Smear Analysis 200 nt to 10000 nt 171.6518 ng/uL 95.0 %Total 290.7932 nmole/L 1841 Avg. Size (nt) 33.99 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17405
Well location: D9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	75	736
2	157	5.8972	134	198	208
3	428	1.9648	368	438	93
4	457	5.2161	438	646	120
5	701	3.9346	646	817	131
6	893	12.6437	817	1221	304
7	1309	2.0284	1221	1405	111
8	1692	22.4620	1405	1828	1441
9	1964	42.8712	1828	2642	2745

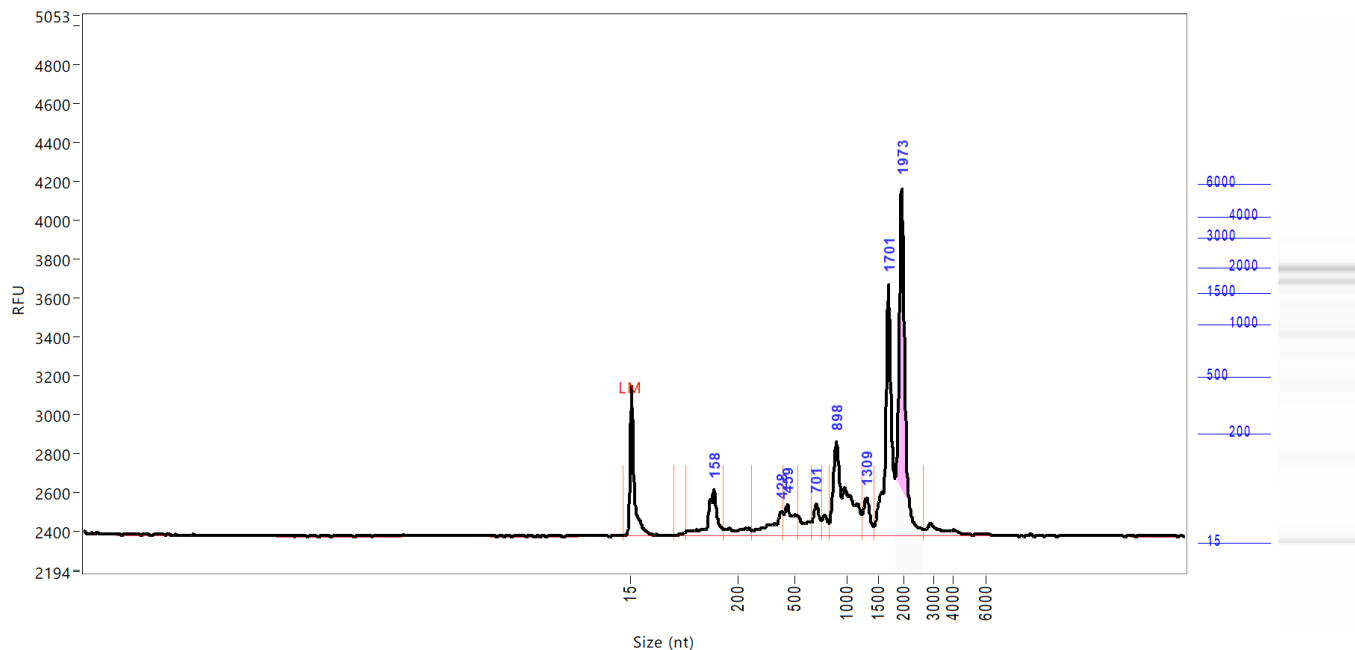
TIC: 97.0180 ng/uL
 TIM: 333.6441 nmole/L
 Total concentration: 102.8301 ng/uL

28s/18s: 0.0
 RQN 5.6

Smear Analysis 200 nt to 10000 nt 95.8041 ng/uL 93.2 %Total 183.7776 nmole/L 1626 Avg. Size (nt) 41.98 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17406
Well location: E9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	1	88	768
2	158	6.7414	110	175	236
3	428	4.3402	270	440	126
4	459	4.0014	440	527	163
5	701	2.7175	650	753	161
6	898	15.9217	821	1236	483
7	1309	3.2770	1236	1427	196
8	1701	18.9386	1427	1837	1291
9	1973	26.0745	1837	2672	1782

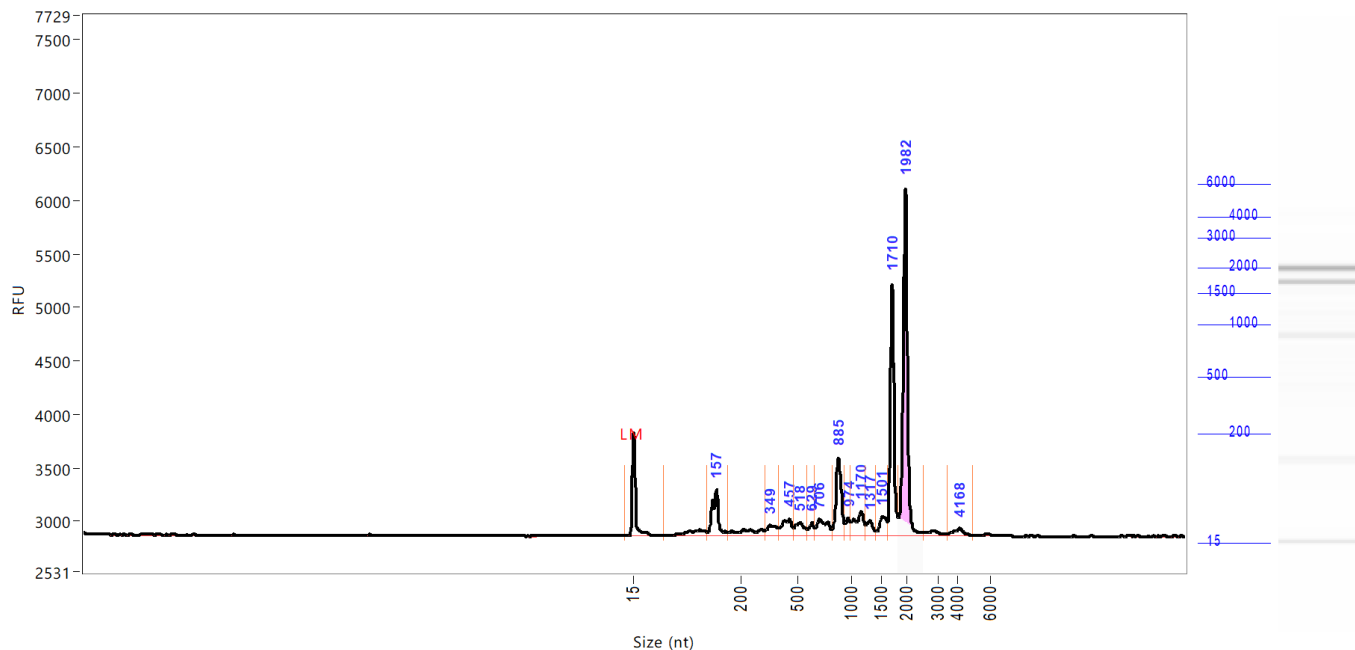
TIC: 82.0121 ng/uL
TIM: 348.4879 nmole/L
Total concentration: 90.8633 ng/uL

28s/18s: 0.0
RQN 4.2

Smear Analysis 200 nt to 10000 nt 82.2715 ng/uL 90.5 %Total 172.5446 nmole/L 1487 Avg. Size (nt) 52.50 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17407
Well location: F9

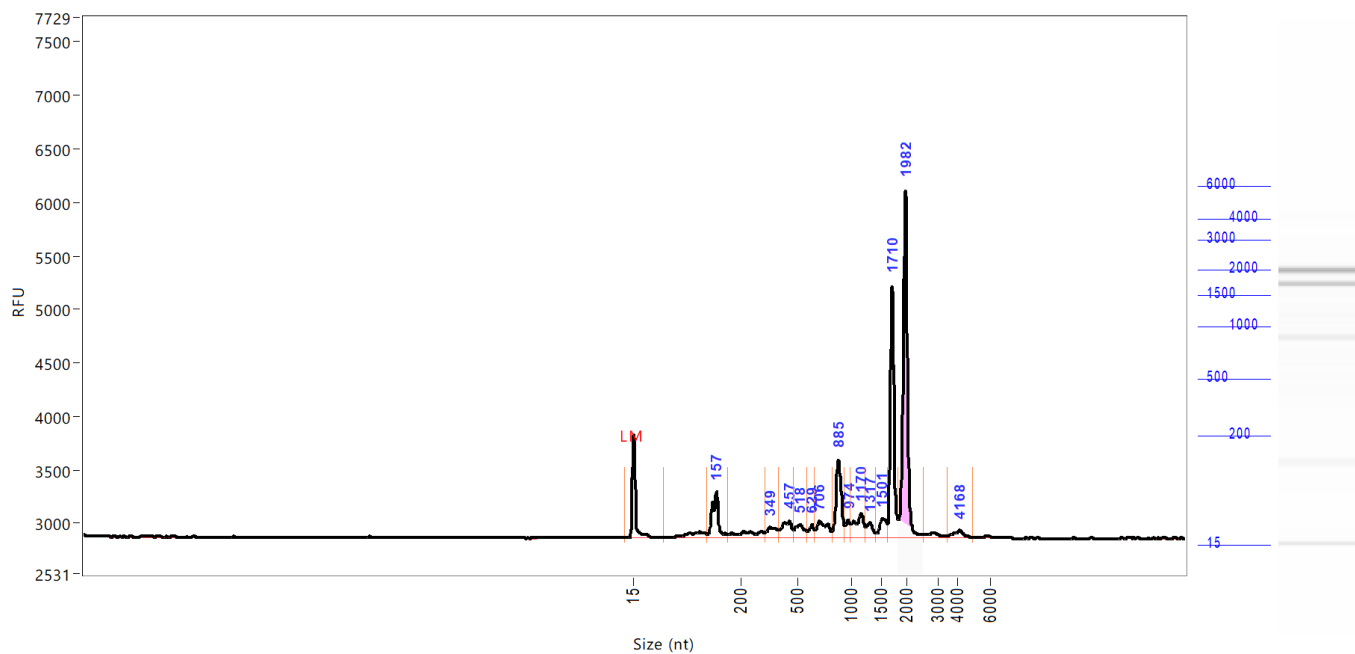


Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	68	959
2	157	8.7655	140	177	433
3	349	2.7662	323	395	95
4	457	4.2904	395	474	161
5	518	3.1892	474	582	121
6	629	1.7875	582	663	120
7	706	4.4673	663	825	154
8	885	10.6172	825	945	732
9	974	2.0557	945	1001	171
10	1170	5.3144	1001	1236	231
11	1317	2.3845	1236	1412	141
12	1501	3.2338	1412	1619	178
13	1710	21.5780	1619	1828	2354
14	1982	35.2661	1828	2538	3241
15	4168	1.6712	3512	4973	73

TIC: 107.3870 ng/uL
TIM: 444.9067 nmole/L
Total concentration: 115.1007 ng/uL
28s/18s: 0.0
RQN 4.4

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

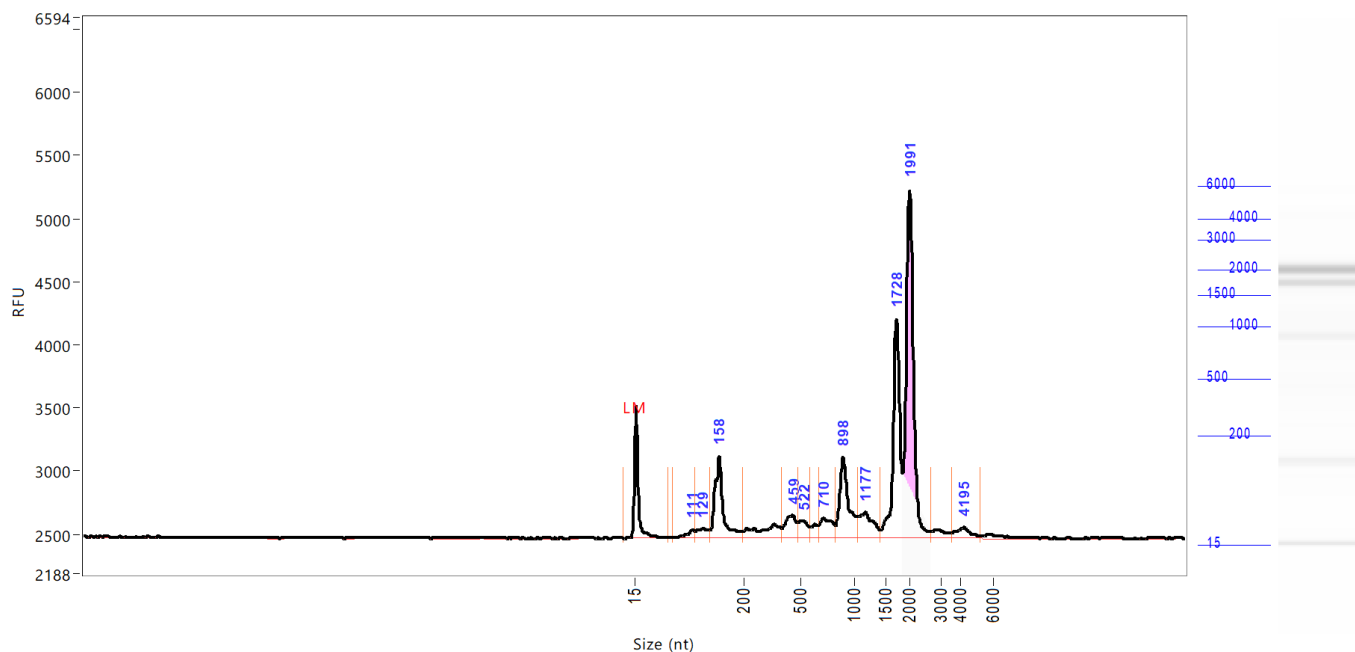
Sample: SFJ17407
Well location: F9



Peak	Size	Concentration	From	To	RFU		
	(nt)	(ng/uL)	(nt)	(nt)			
Smear Analysis	200 nt to 10000 nt	102.2752 ng/uL	88.9 %Total	212.1552 nmole/L	1504 Avg. Size (nt)	49.79 %CV	

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17408
Well location: G9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	1046
2	111	1.3567	79	116	66
3	129	2.1928	116	141	74
4	158	13.4065	141	197	647
5	459	4.5438	397	483	179
6	522	3.0666	483	591	135
7	710	4.2657	663	825	158
8	898	12.3578	825	1052	641
9	1177	6.1604	1052	1434	204
10	1728	23.4462	1434	1855	1733
11	1991	39.3855	1855	2657	2750
12	4195	2.2444	3559	5195	83

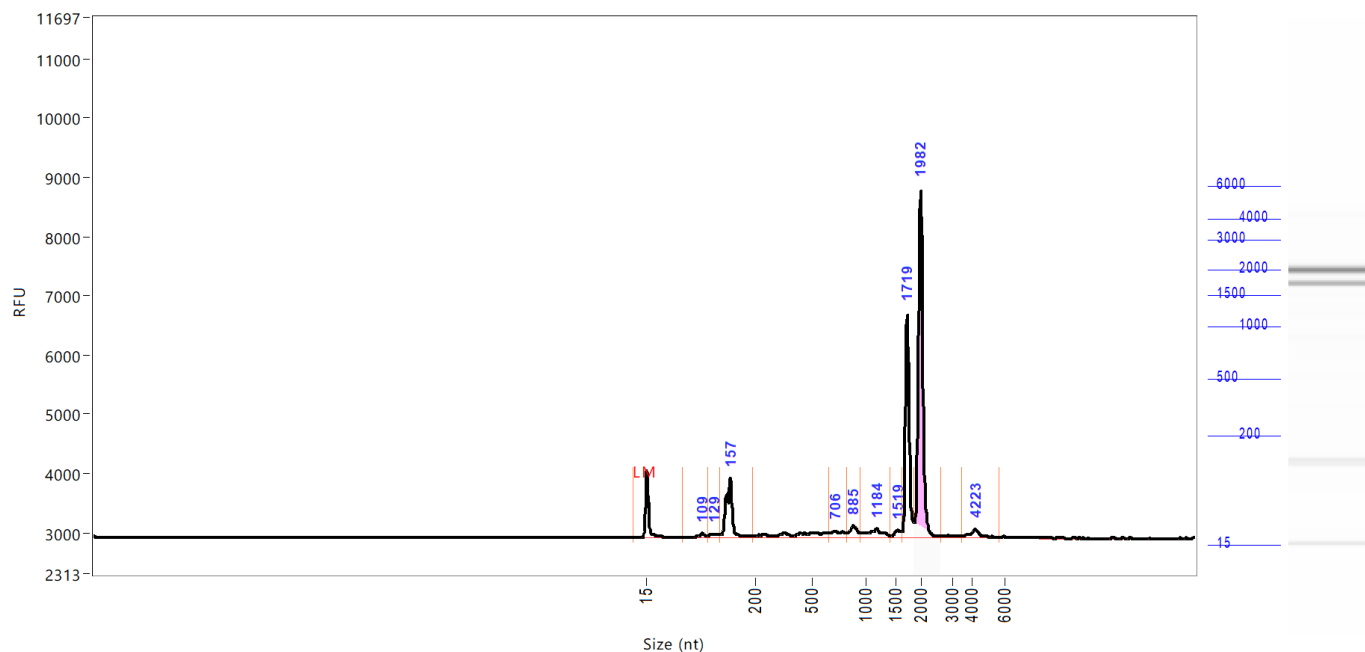
TIC: 112.4263 ng/uL
 TIM: 586.6532 nmole/L
 Total concentration: 121.9396 ng/uL

28s/18s: 0.0
 RQN 4.8

Smear Analysis 200 nt to 10000 nt 104.5276 ng/ul 85.7 %Total 201.9100 nmole/L 1615 Avg. Size (nt) 55.37 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17409
Well location: H9



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	77	1135
2	109	1.4335	77	119	79
3	129	1.6805	119	140	67
4	157	16.3609	140	197	1009
5	706	3.1892	663	821	118
6	885	3.7078	821	957	204
7	1184	5.2858	957	1412	156
8	1519	1.9489	1412	1610	137
9	1719	29.9730	1610	1855	3778
10	1982	54.8010	1855	2612	5856
11	4223	3.3691	3512	5667	153

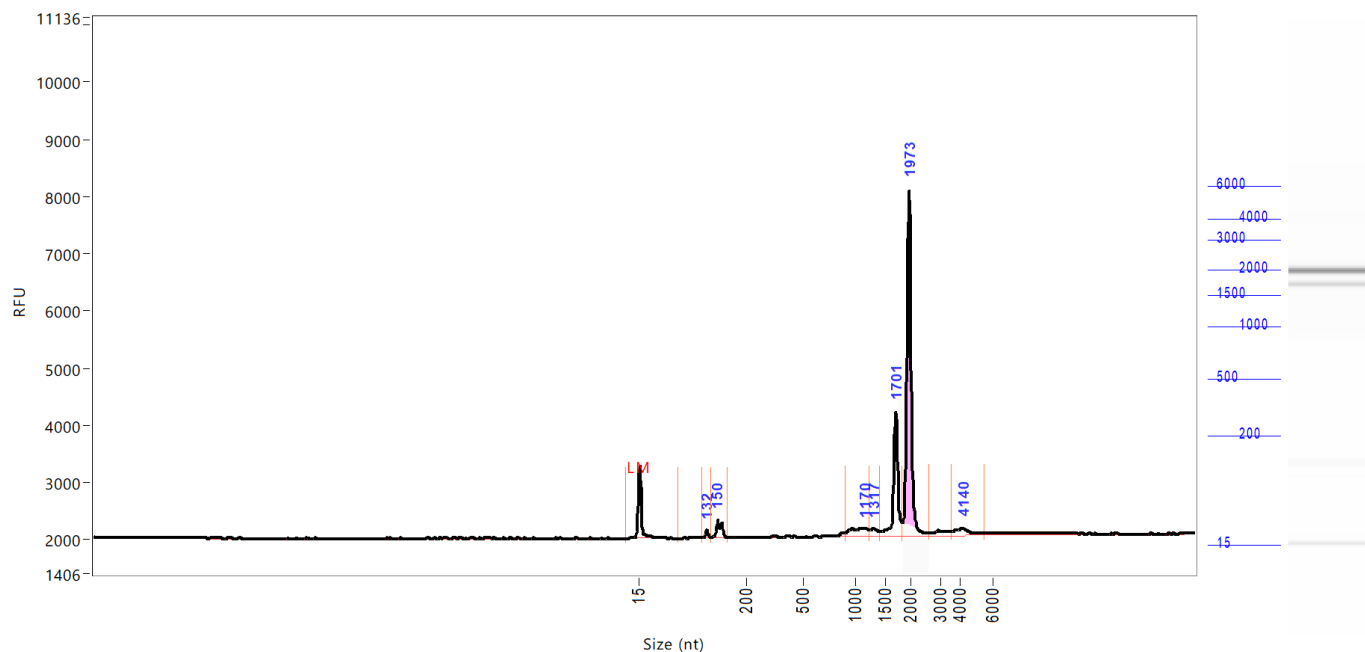
TIC: 121.7496 ng/uL
 TIM: 595.3084 nmole/L
 Total concentration: 133.2961 ng/uL

28s/18s: 0.0
 RQN 5.9

Smear Analysis 200 nt to 10000 nt 113.6070 ng/uL 85.2 %Total 197.0265 nmole/L 1799 Avg. Size (nt) 46.57 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17410
Well location: A10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	81	1254
2	132	0.8803	123	138	129
3	150	4.0972	138	169	297
4	1170	5.2408	902	1236	138
5	1317	2.1302	1236	1412	131
6	1701	19.6945	1412	1846	2172
7	1973	52.2095	1846	2612	6030
8	4140	3.7812	3512	5500	125

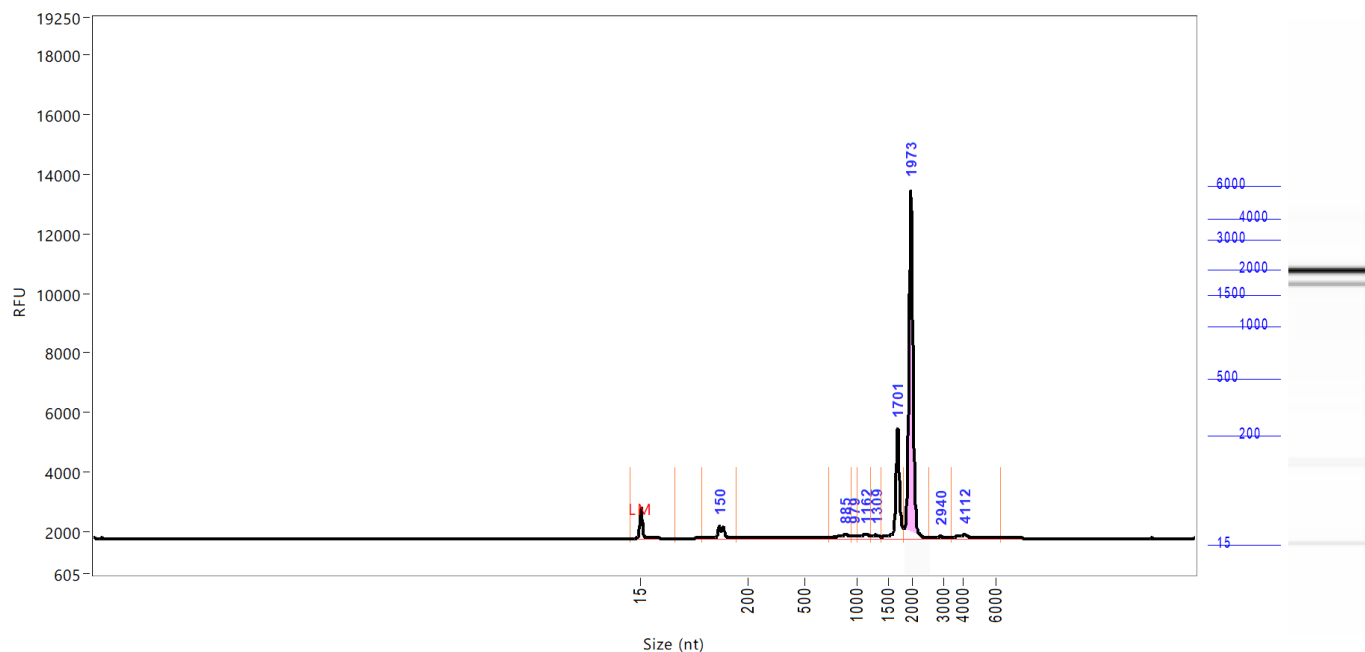
TIC: 88.0337 ng/uL
 TIM: 246.0332 nmole/L
 Total concentration: 94.8879 ng/uL

28s/18s: 0.0
 RQN 7.6

Smear Analysis 200 nt to 10000 nt 88.8860 ng/uL 93.7 %Total 128.8755 nmole/L 2151 Avg. Size (nt) 55.86 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17411
Well location: B10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	74	1021
2	150	8.2659	120	180	413
3	885	3.7956	727	945	114
4	979	1.5184	945	1008	104
5	1162	3.0761	1008	1236	117
6	1309	1.8338	1236	1405	110
7	1701	34.8691	1405	1828	3669
8	1973	113.3130	1828	2568	11644
9	2940	1.2660	2568	3466	61
10	4112	3.5604	3466	6330	122

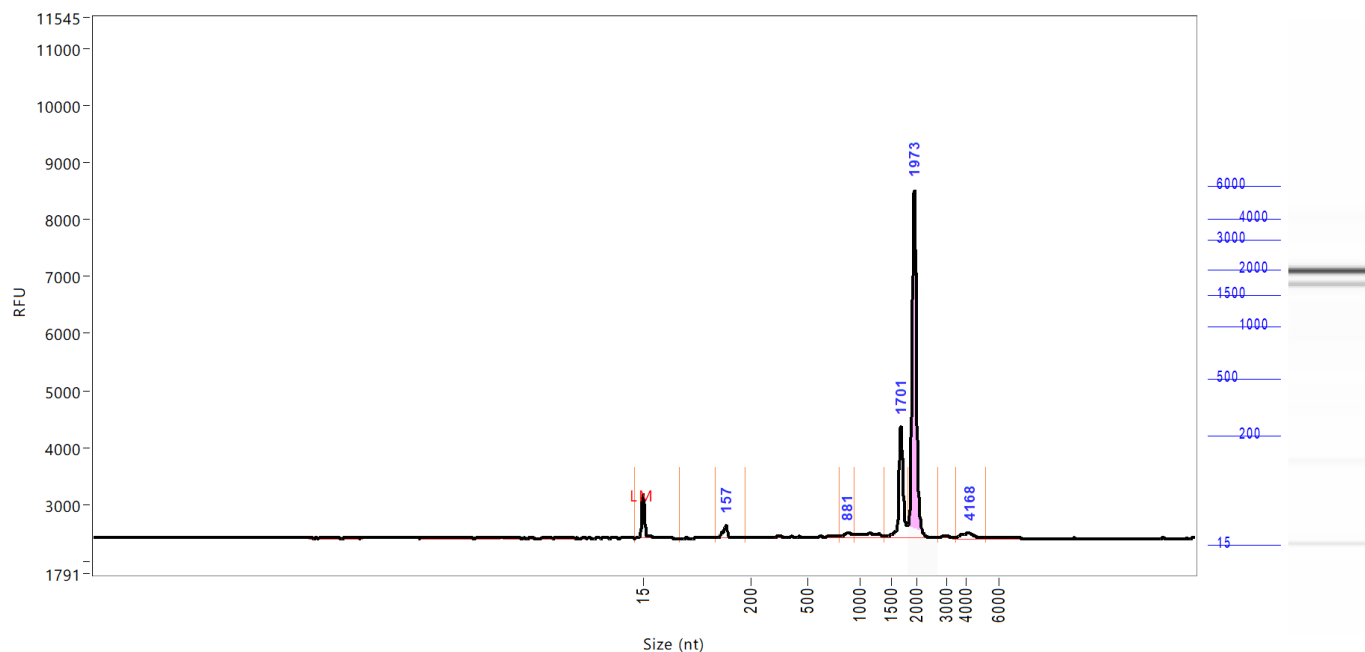
TIC: 171.4984 ng/uL
 TIM: 448.4392 nmole/L
 Total concentration: 176.9763 ng/uL

28s/18s: 0.0
 RQN 7.8

Smear Analysis 200 nt to 10000 nt 167.7321 ng/uL 94.8 %Total 278.1807 nmole/L 1881 Avg. Size (nt) 29.97 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17412
Well location: C10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	77	760
2	157	4.4275	139	189	227
3	881	3.0635	800	949	100
4	1701	27.2459	1390	1837	1956
5	1973	84.1507	1837	2732	6089
6	4168	3.6246	3466	5250	104

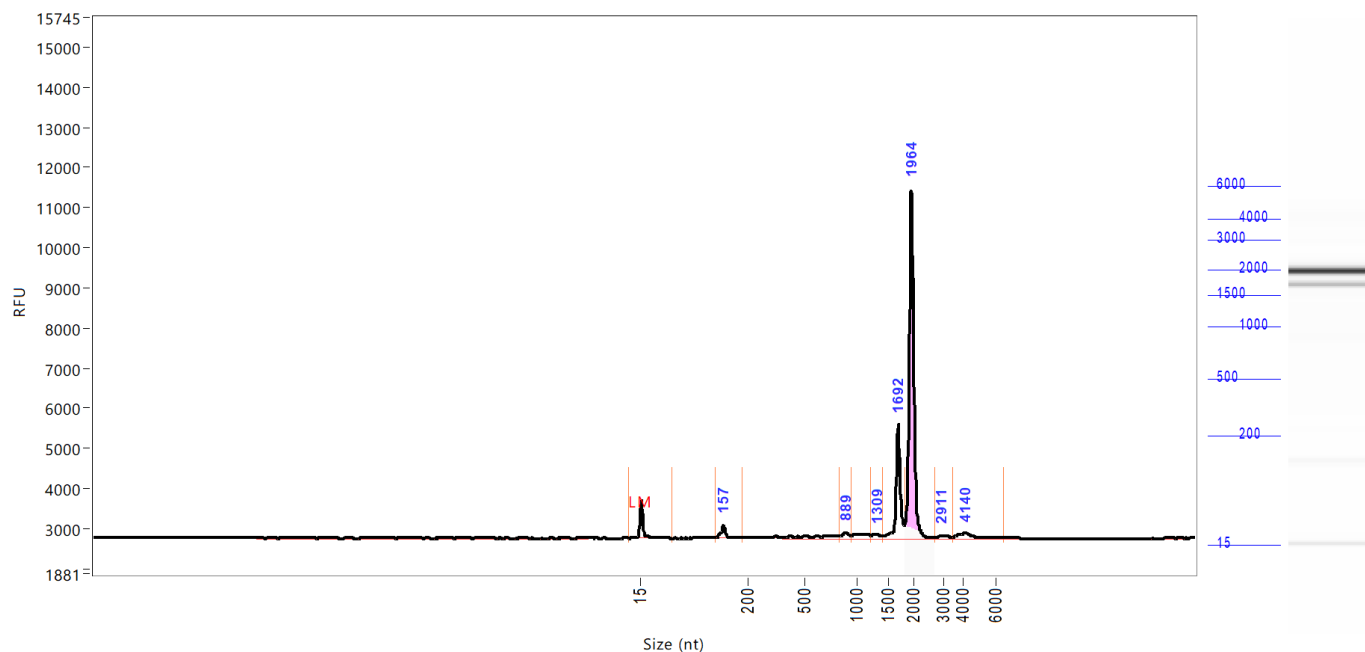
TIC: 122.5122 ng/uL
 TIM: 285.3815 nmole/L
 Total concentration: 135.6633 ng/uL

28s/18s: 0.0
 RQN 7.6

Smear Analysis 200 nt to 10000 nt 130.6131 ng/ul 96.3 %Total 217.3854 nmole/L 1874 Avg. Size (nt) 32.77 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17413
Well location: D10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	68	951
2	157	4.9700	143	188	332
3	889	3.0115	821	940	147
4	1309	2.0451	1228	1405	104
5	1692	31.6180	1405	1828	2835
6	1964	100.4197	1828	2732	8658
7	2911	1.6741	2732	3442	74
8	4140	5.1689	3442	6522	141

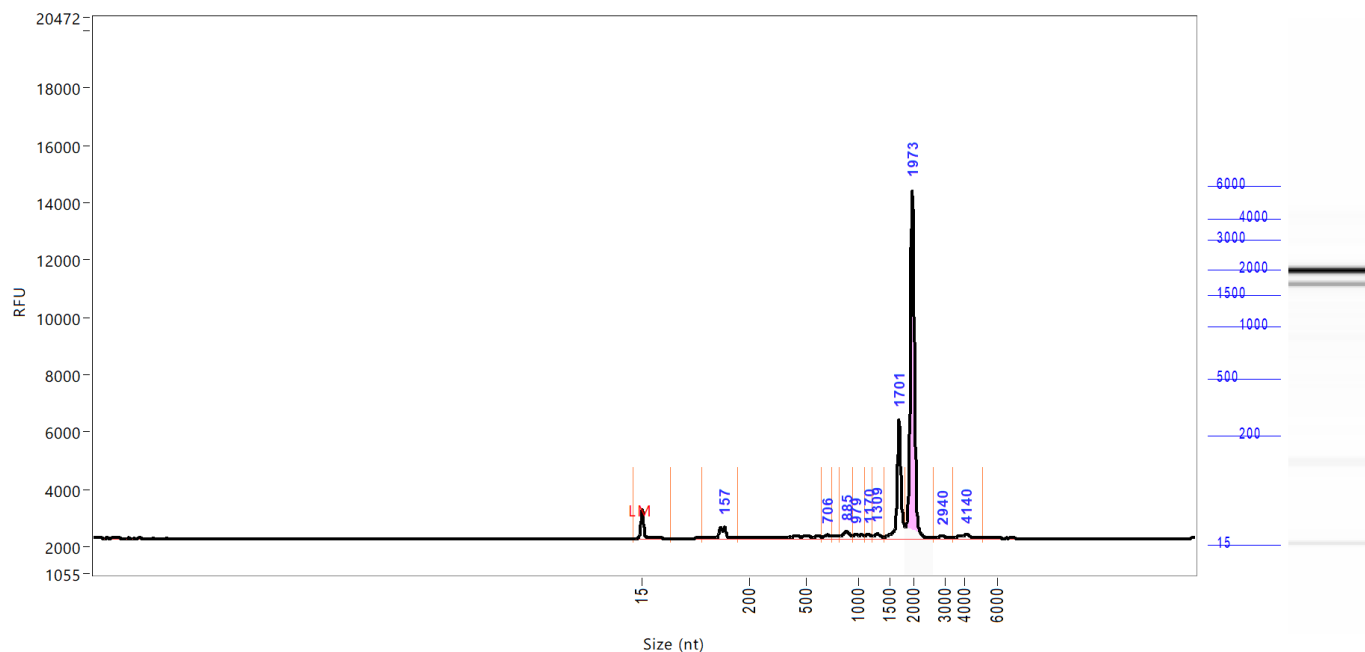
TIC: 148.9072 ng/uL
 TIM: 337.4230 nmole/L
 Total concentration: 161.7310 ng/uL

28s/18s: 0.0
 RQN 7.6

Smear Analysis 200 nt to 10000 nt 155.7606 ng/uL 96.3 %Total 257.9348 nmole/L 1884 Avg. Size (nt) 35.22 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17414
Well location: E10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	66	1022
2	157	8.5631	118	180	421
3	706	1.9762	655	744	121
4	885	4.3432	821	945	238
5	979	3.2931	945	1111	150
6	1170	2.0067	1111	1236	139
7	1309	2.5978	1236	1419	164
8	1701	40.2094	1419	1828	4140
9	1973	117.6804	1828	2642	12130
10	2940	1.7317	2642	3466	92
11	4140	3.3317	3466	5167	128

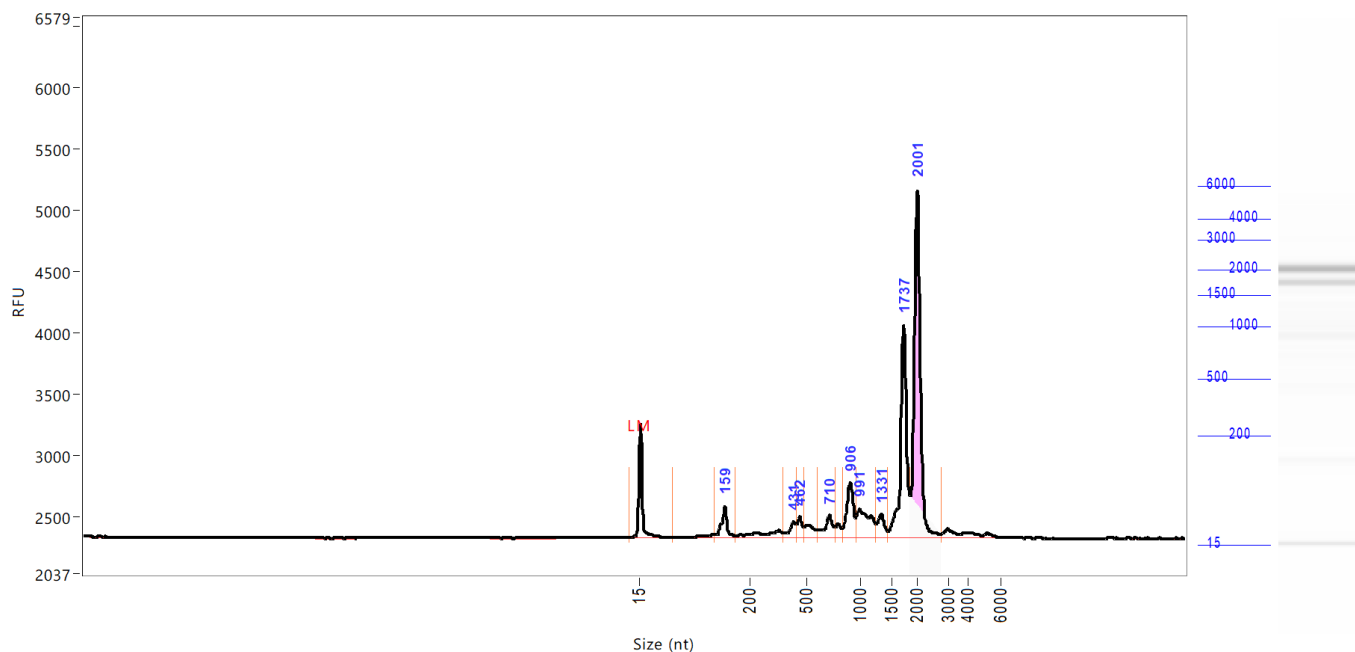
TIC: 185.7334 ng/uL
 TIM: 485.6442 nmole/L
 Total concentration: 196.1256 ng/uL

28s/18s: 0.0
 RQN 7.3

Smear Analysis 200 nt to 10000 nt 186.4876 ng/ul 95.1 %Total 318.4506 nmole/L 1827 Avg. Size (nt) 32.66 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17415
Well location: F10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	925
2	159	4.6243	141	177	263
3	431	2.4718	378	445	132
4	462	2.4731	445	483	176
5	710	4.1465	599	761	189
6	906	8.2555	829	962	453
7	991	8.4228	962	1250	241
8	1331	3.5177	1250	1449	195
9	1737	25.9603	1449	1864	1738
10	2001	42.1863	1864	2776	2834

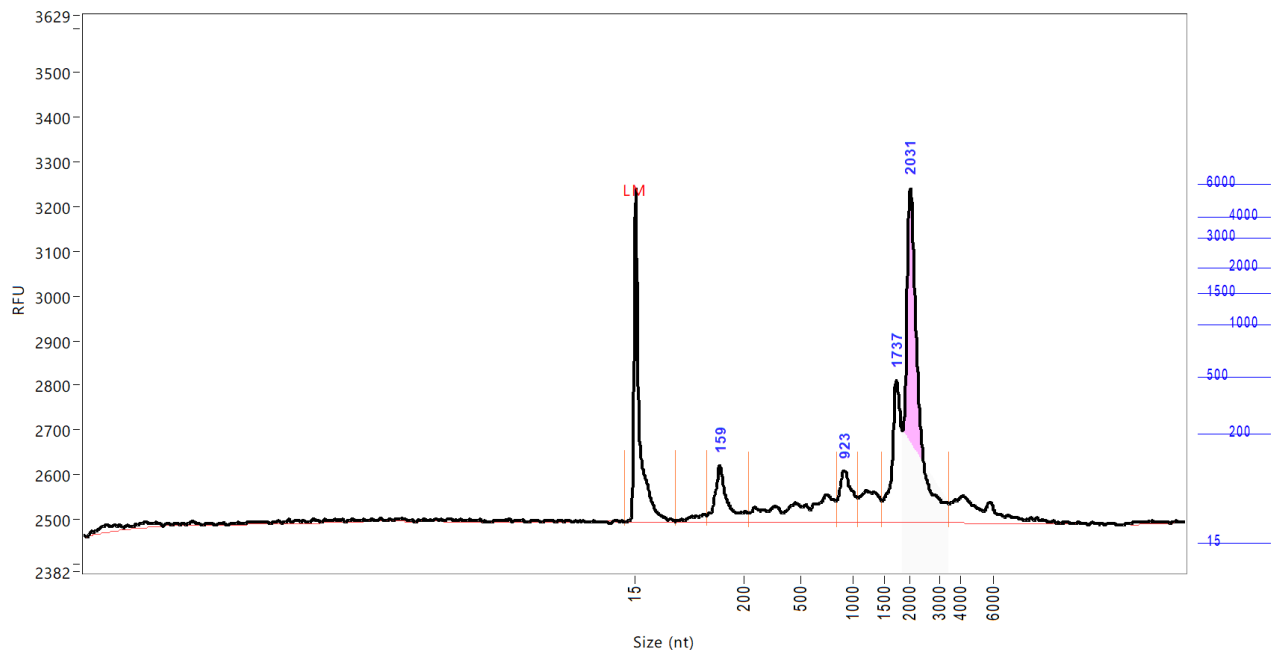
TIC: 102.0581 ng/uL
 TIM: 319.1206 nmole/L
 Total concentration: 115.4589 ng/uL

28s/18s: 0.0
 RQN 5.0

Smear Analysis 200 nt to 10000 nt 108.7940 ng/uL 94.2 %Total 208.7032 nmole/L 1626 Avg. Size (nt) 47.55 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17416
Well location: G10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	83	747
2	159	3.9131	137	225	127
3	923	3.1967	838	1074	116
4	1737	5.7811	1463	1873	320
5	2031	17.4893	1873	3466	748

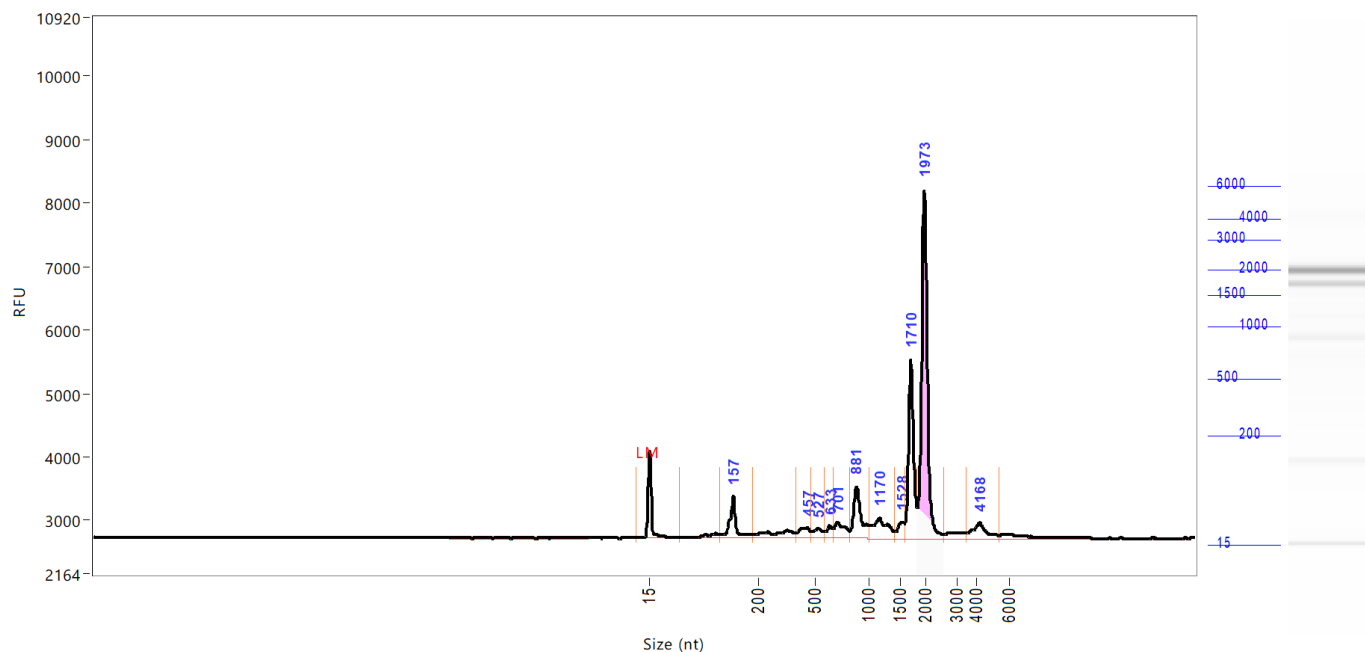
TIC: 30.3802 ng/uL
TIM: 118.7410 nmole/L
Total concentration: 43.6277 ng/uL

28s/18s: 0.0
RQN 6.1

Smear Analysis 200 nt to 10000 nt 39.0407 ng/ul 89.5 %Total 60.5922 nmole/L 2010 Avg. Size (nt) 68.44 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17417
Well location: H10



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	66	1374
2	157	9.2321	134	191	667
3	457	3.5659	395	481	165
4	527	2.6144	481	578	158
5	633	2.3099	578	663	199
6	701	4.8798	663	821	249
7	881	11.3520	821	1000	821
8	1170	8.3364	1000	1412	324
9	1528	2.8803	1412	1583	257
10	1710	24.2749	1583	1837	2806
11	1973	52.2676	1837	2597	5467
12	4168	5.1312	3512	5389	244

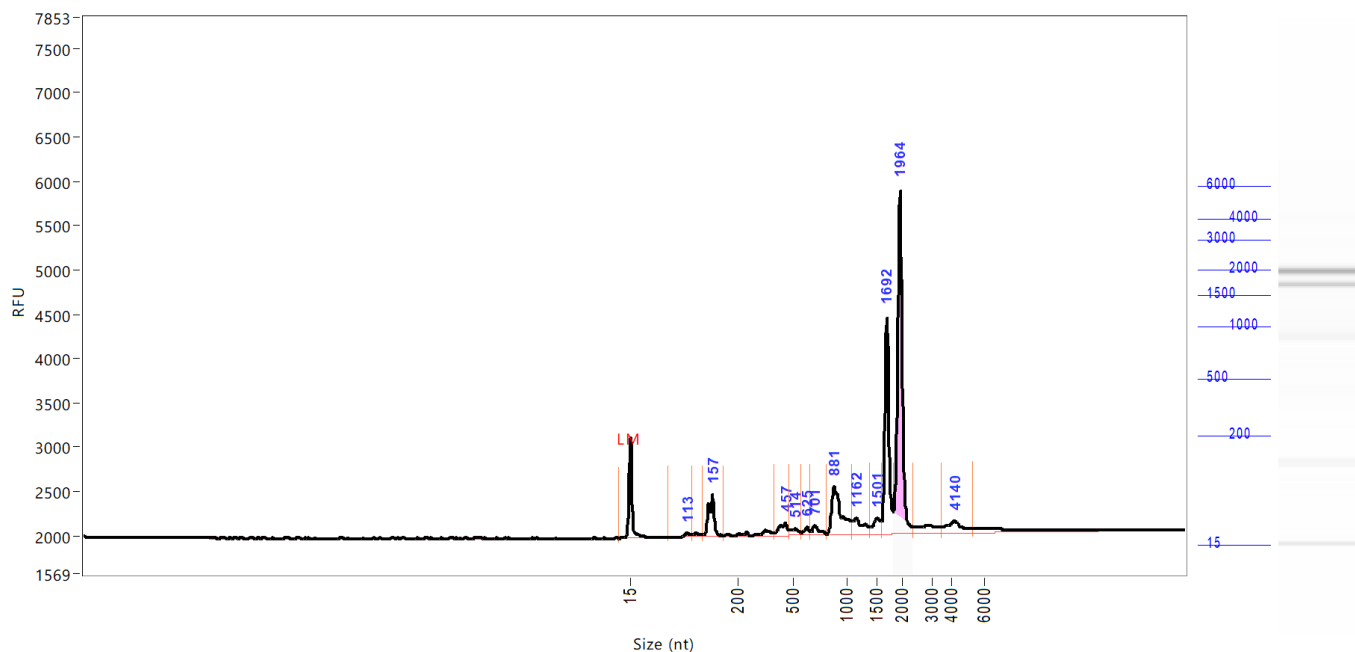
TIC: 126.8445 ng/uL
 TIM: 452.1513 nmole/L
 Total concentration: 139.2805 ng/uL

28s/18s: 0.0
 RQN 5.5

Smear Analysis 200 nt to 10000 nt 126.9878 ng/ul 91.2 %Total 224.5442 nmole/L 1764 Avg. Size (nt) 60.55 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17418
Well location: A11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	80	1135
2	113	0.6565	80	121	41
3	157	7.6967	139	176	469
4	457	2.8561	395	474	139
5	514	1.5659	474	569	72
6	625	1.0987	569	659	87
7	701	1.7995	659	817	104
8	881	12.5062	817	1089	537
9	1162	4.6063	1089	1390	182
10	1501	3.1055	1390	1592	183
11	1692	22.4659	1592	1828	2450
12	1964	40.7626	1828	2374	3871
13	4140	4.4090	3442	5278	137

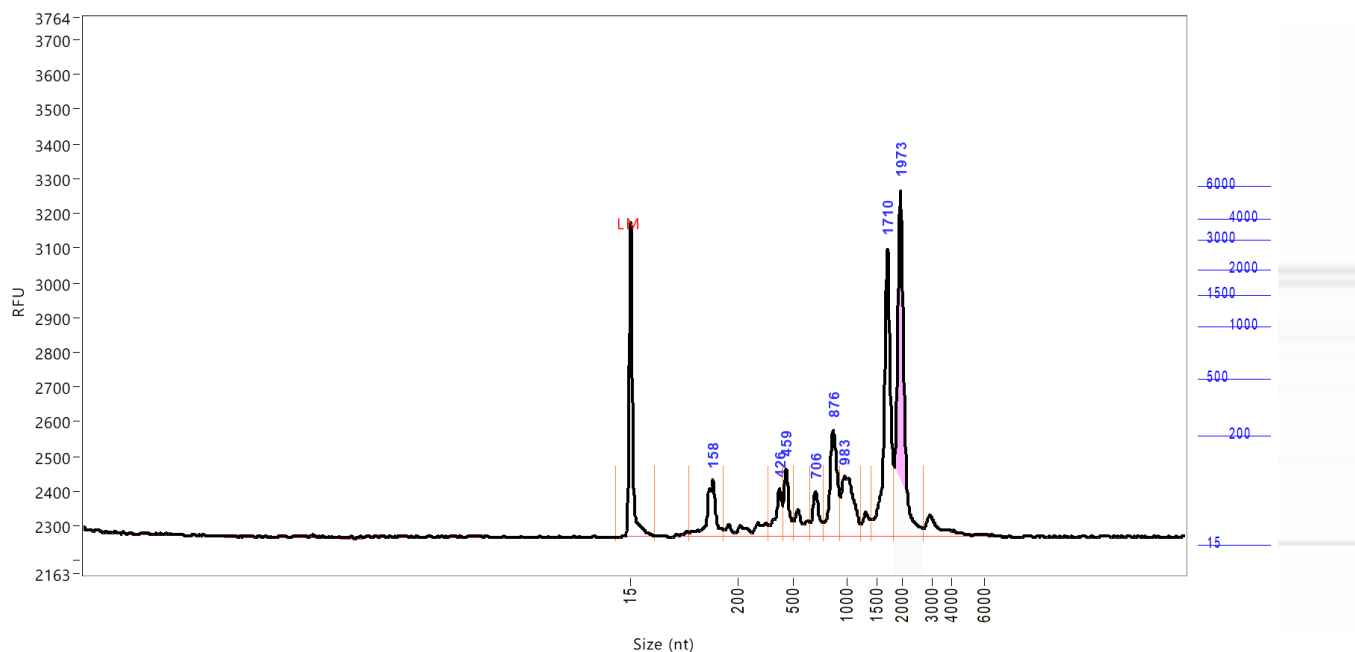
TIC: 103.5289 ng/uL
 TIM: 387.2906 nmole/L
 Total concentration: 113.8566 ng/uL

28s/18s: 0.0
 RQN 5.7

Smear Analysis 200 nt to 10000 nt 103.8678 ng/ul 91.2 %Total 169.8469 nmole/L 1908 Avg. Size (nt) 66.26 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17419
Well location: B11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	57	904
2	158	4.6161	116	177	165
3	426	2.5424	366	440	139
4	459	2.8616	440	498	195
5	706	2.2974	659	782	131
6	876	6.2159	782	945	306
7	983	5.5618	945	1236	172
8	1710	13.4929	1412	1846	827
9	1973	16.2989	1846	2717	993

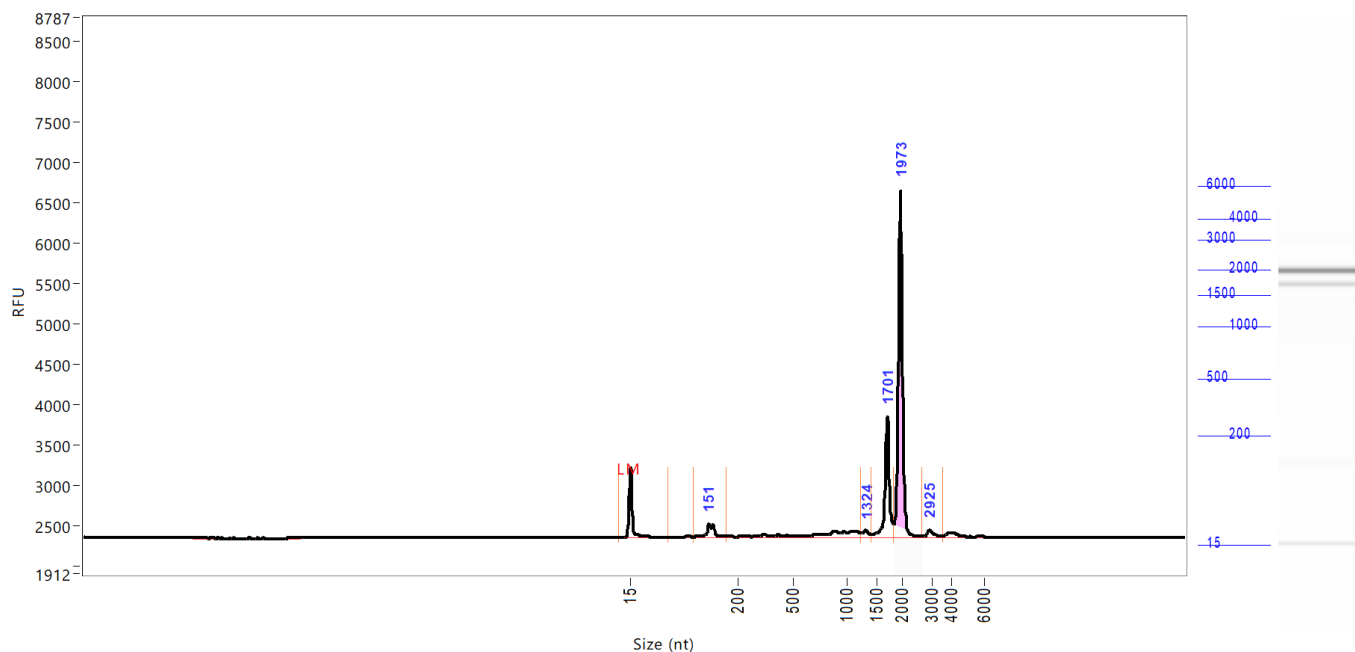
TIC: 53.8871 ng/uL
 TIM: 231.9488 nmole/L
 Total concentration: 62.0956 ng/uL

28s/18s: 0.0
 RQN 4.0

Smear Analysis 200 nt to 10000 nt 56.2329 ng/uL 90.6 %Total 121.6756 nmole/L 1441 Avg. Size (nt) 51.95 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17420
Well location: C11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	80	877
2	151	4.6478	123	181	171
3	1324	1.6632	1236	1412	89
4	1701	18.2388	1412	1846	1503
5	1973	47.7667	1846	2687	4283
6	2925	1.8704	2687	3535	99

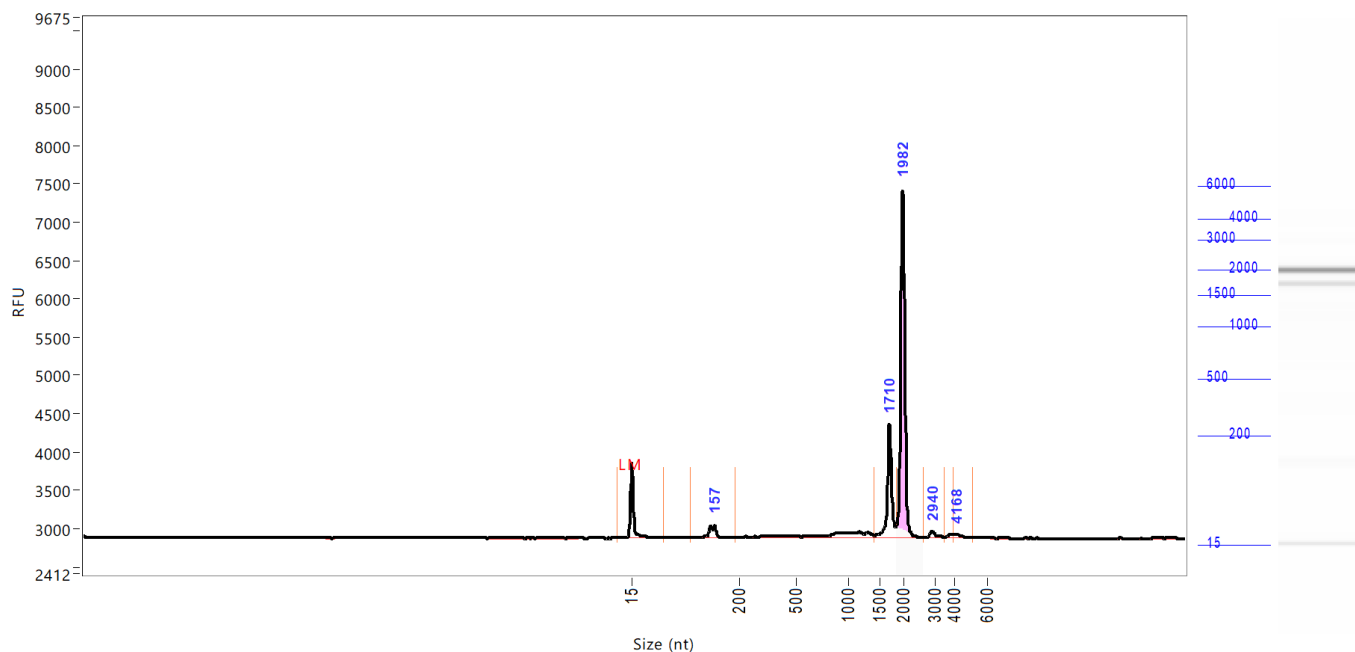
TIC: 74.1869 ng/uL
TIM: 210.0024 nmole/L
Total concentration: 87.9388 ng/uL

28s/18s: 0.0
RQN 7.0

Smear Analysis 200 nt to 10000 nt 82.3586 ng/ul 93.7 %Total 139.7383 nmole/L 1838 Avg. Size (nt) 37.92 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
Manual baseline start (min): 18 Manual baseline end (min): 38
Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17421
Well location: D11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	71	971
2	157	4.1772	116	193	169
3	1710	16.3756	1434	1837	1483
4	1982	46.4018	1837	2627	4533
5	2940	1.4867	2627	3535	90
6	4168	1.1132	3977	5195	54

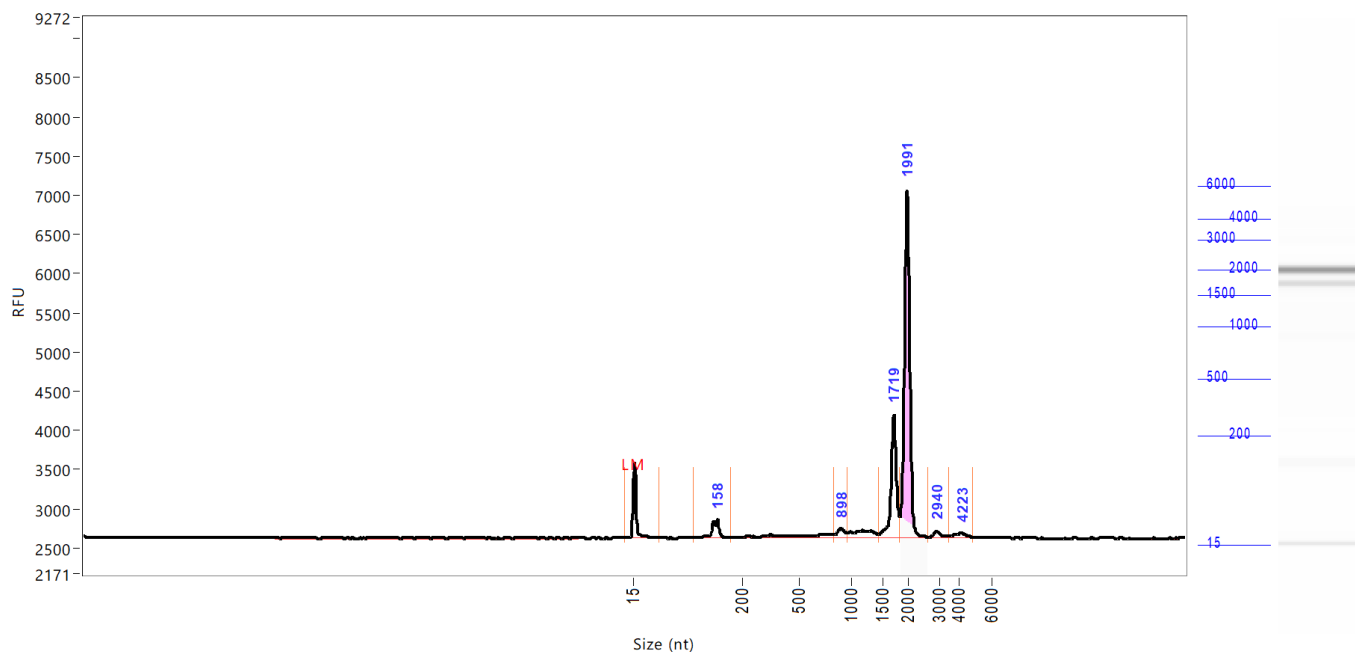
TIC: 69.5545 ng/uL
 TIM: 189.9001 nmole/L
 Total concentration: 81.9458 ng/uL

28s/18s: 0.0
 RQN 7.2

Smear Analysis 200 nt to 10000 nt 77.3280 ng/ul 94.4 %Total 130.9216 nmole/L 1842 Avg. Size (nt) 36.37 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17422
Well location: E11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	57	960
2	158	5.6259	116	179	234
3	898	2.6011	829	957	121
4	1719	21.5874	1427	1837	1570
5	1991	58.1362	1837	2657	4433
6	2940	1.7960	2657	3489	92
7	4223	1.9577	3489	4917	63

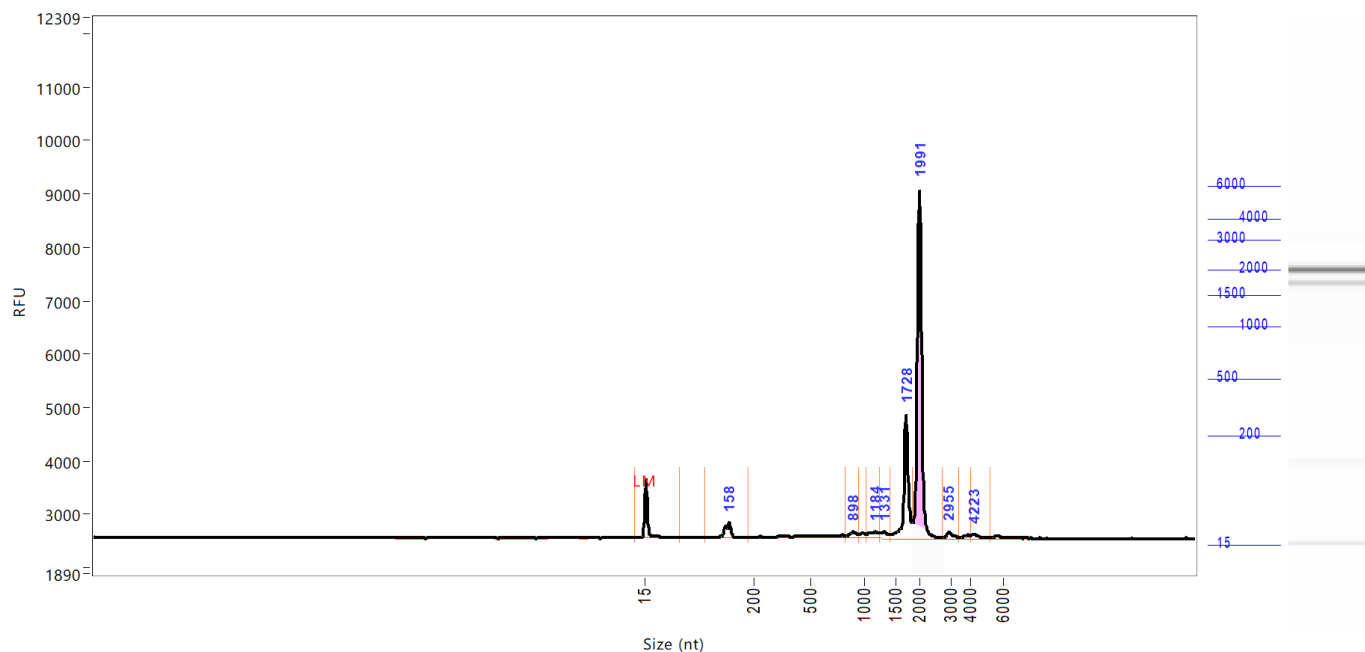
TIC: 91.7042 ng/uL
 TIM: 258.4043 nmole/L
 Total concentration: 104.7025 ng/uL

28s/18s: 0.0
 RQN 7.0

Smear Analysis 200 nt to 10000 nt 98.3725 ng/ul 94.0 %Total 166.4892 nmole/L 1843 Avg. Size (nt) 37.19 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt) 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17423
Well location: F11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	74	1103
2	158	5.7867	116	189	288
3	898	2.2125	829	949	115
4	1184	2.6480	1030	1243	120
5	1331	2.0311	1243	1427	121
6	1728	22.6810	1427	1855	2303
7	1991	61.7381	1855	2761	6506
8	2955	1.5616	2761	3373	115
9	4223	1.2365	4001	5223	69

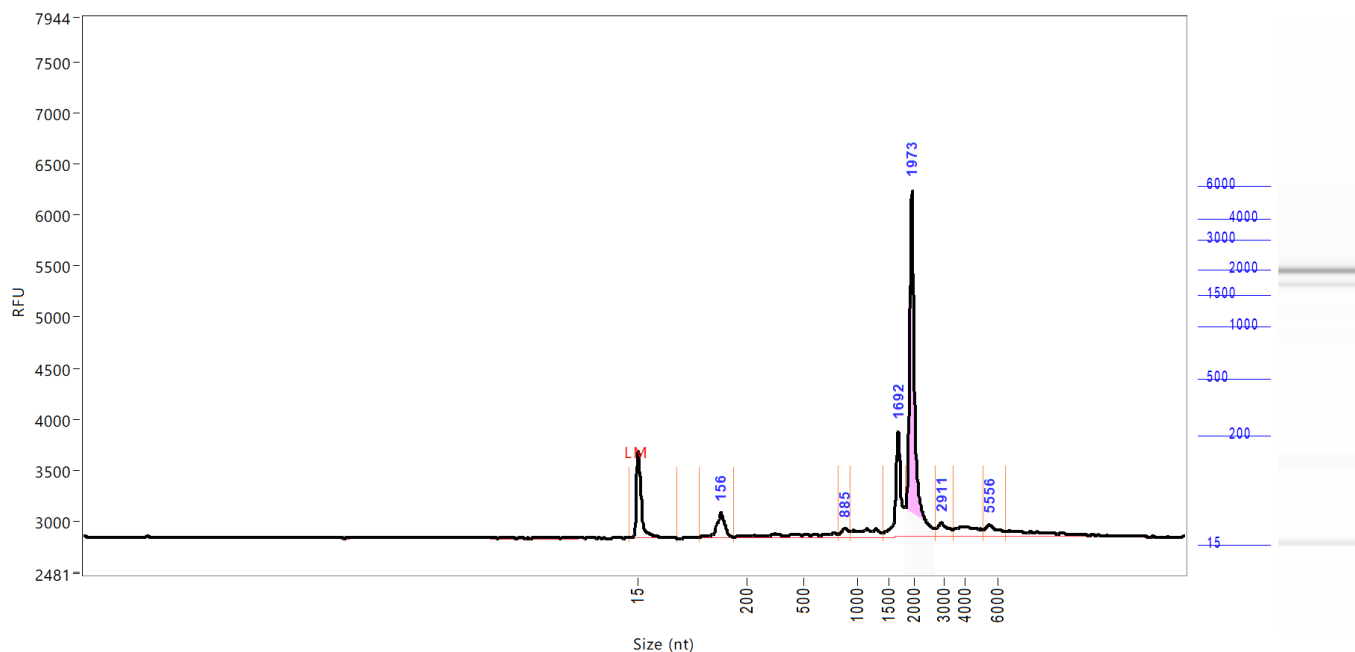
TIC: 99.8955 ng/uL
 TIM: 277.7975 nmole/L
 Total concentration: 109.8561 ng/uL

28s/18s: 0.0
 RQN 7.1

Smear Analysis 200 nt to 10000 nt 103.4031 ng/uL 94.1 %Total 172.9825 nmole/L 1865 Avg. Size (nt) 37.53 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17424
Well location: G11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	83	858
2	156	4.9434	118	178	249
3	885	1.2859	825	936	84
4	1692	11.0263	1412	1837	1038
5	1973	36.4528	1837	2717	3395
6	2911	2.7048	2717	3419	136
7	5556	2.5846	5167	6577	115

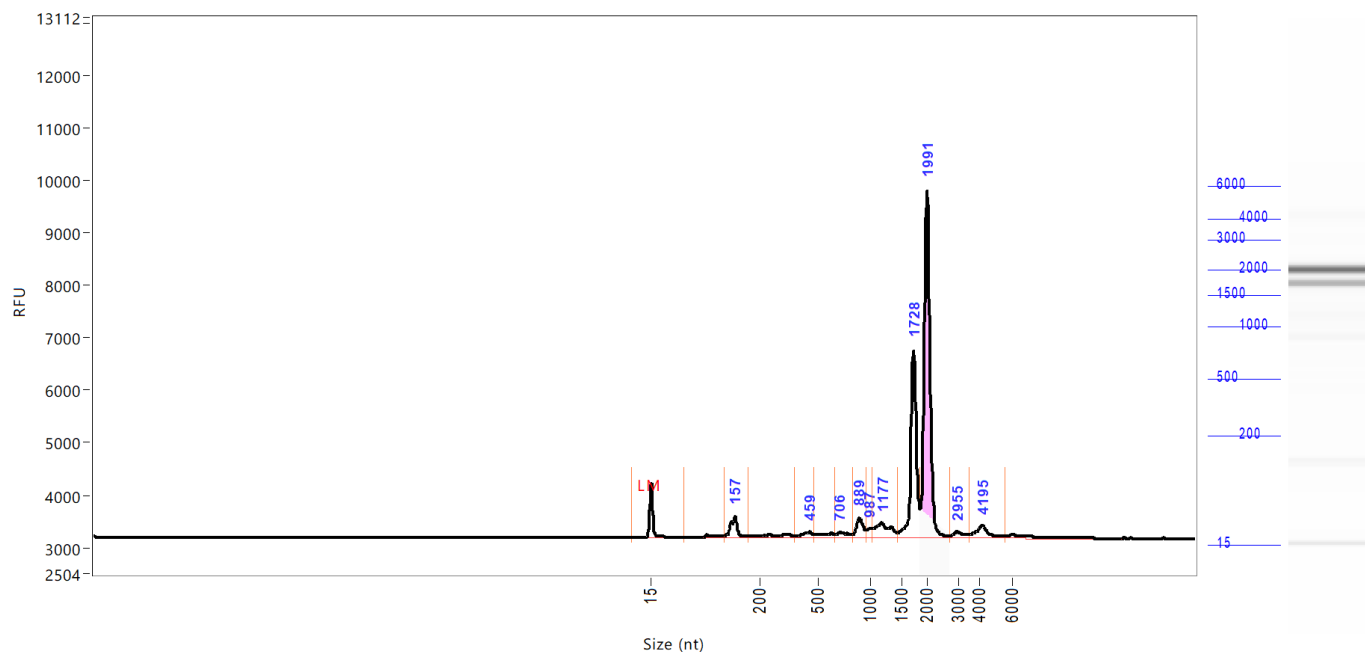
TIC: 58.9979 ng/uL
 TIM: 185.8950 nmole/L
 Total concentration: 73.4713 ng/uL

28s/18s: 0.0
 RQN 7.8

Smear Analysis 200 nt to 10000 nt 67.2877 ng/ul 91.6 %Total 87.2904 nmole/L 2405 Avg. Size (nt) 67.90 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17425
Well location: H11



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	1041
2	157	8.1868	139	179	418
3	459	3.0234	383	481	116
4	706	3.0190	663	825	112
5	889	6.3812	825	953	389
6	987	2.2780	953	1016	183
7	1177	10.1621	1016	1434	290
8	1728	44.3004	1434	1855	3588
9	1991	82.9005	1855	2732	6621
10	2955	2.8569	2732	3535	121
11	4195	6.4666	3535	5584	246

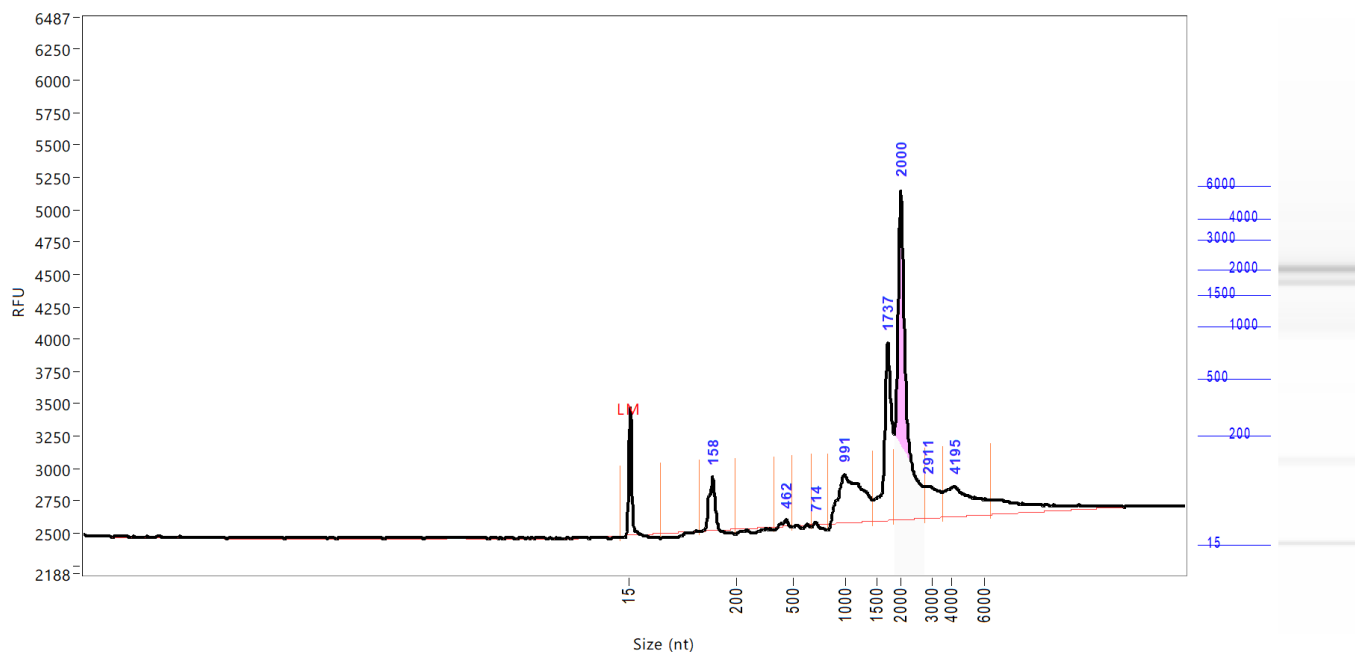
TIC: 169.5751 ng/uL
 TIM: 471.7537 nmole/L
 Total concentration: 182.1943 ng/uL

28s/18s: 0.0
 RQN 6.2

Smear Analysis 200 nt to 10000 nt 170.4983 ng/ul 93.6 %Total 280.8742 nmole/L 1894 Avg. Size (nt) 51.27 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17426
Well location: A12



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	67	985
2	158	8.1667	134	197	417
3	462	0.7209	402	498	47
4	714	0.0833	672	825	14
5	991	24.4100	825	1449	373
6	1737	26.8678	1449	1855	1369
7	2000	58.8011	1855	2791	2539
8	2911	8.4610	2791	3559	247
9	4195	16.4954	3559	6467	234

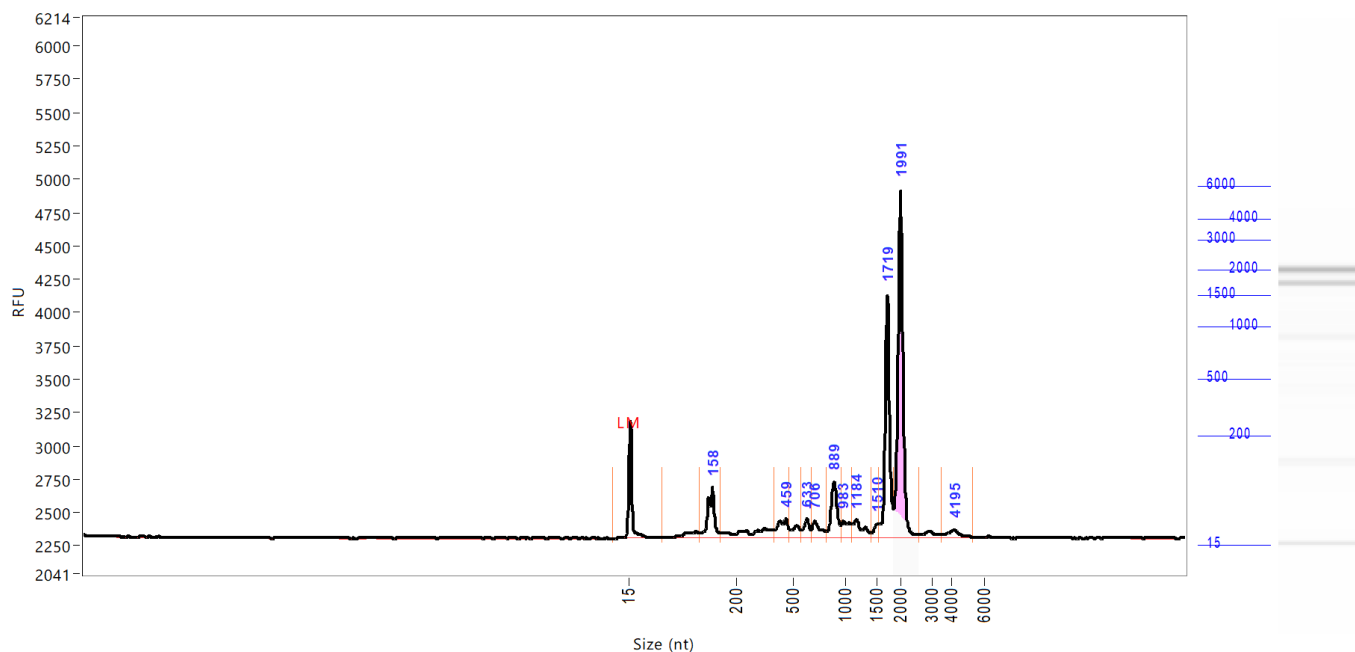
TIC: 144.0062 ng/uL
 TIM: 391.6967 nmole/L
 Total concentration: 154.5170 ng/uL

28s/18s: 0.0
 RQN 7.0

Smear Analysis 200 nt to 10000 nt 142.8365 ng/uL 92.4 %Total 174.4914 nmole/L 2554 Avg. Size (nt) 68.20 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Sample: SFJ17427
Well location: B12



Peak	Size	Concentration	From	To	RFU
	(nt)	(ng/uL)	(nt)	(nt)	
1	15 (LM)	0.9554	0	70	884
2	158	8.7666	135	172	383
3	459	4.2485	400	483	149
4	633	2.4405	578	667	146
5	706	3.1062	667	817	129
6	889	7.4790	817	953	422
7	983	3.0333	953	1096	130
8	1184	3.8176	1096	1412	137
9	1510	1.5218	1412	1546	108
10	1719	21.9407	1546	1846	1822
11	1991	35.0832	1846	2568	2602
12	4195	1.8817	3512	5334	62

TIC: 93.3191 ng/uL
 TIM: 377.0811 nmole/L
 Total concentration: 105.8449 ng/uL

28s/18s: 0.0
 RQN 4.8

Smear Analysis 200 nt to 10000 nt 92.9167 ng/ul 87.8 %Total 184.9379 nmole/L 1567 Avg. Size (nt) 49.05 %CV

Sample peak width (sec): 6 Sample min peak height: 50 Sample baseline V to V?: Y Sample baseline V to V points: 3
 Sample filter: Binomial Number of points for filter: 9 Sample start region (min): 0 Sample end region (min): 40
 Manual baseline start (min): 18 Manual baseline end (min): 38
 Marker peak width (sec): 6 Marker min peak height: 100 Marker baseline V to V?: Y Marker baseline V to V points: 3
 Lower marker selection: First peak > 100 RFU Upper marker selection: Last peak > 100 RFU
 Ladder size (nt): 15, 200, 500, 1000, 1500, 2000, 3000, 4000, 6000
 Quantification using: Ladder Final concentration (ng/uL): 8.0000 Dilution factor: 12.0

Calibration curve

