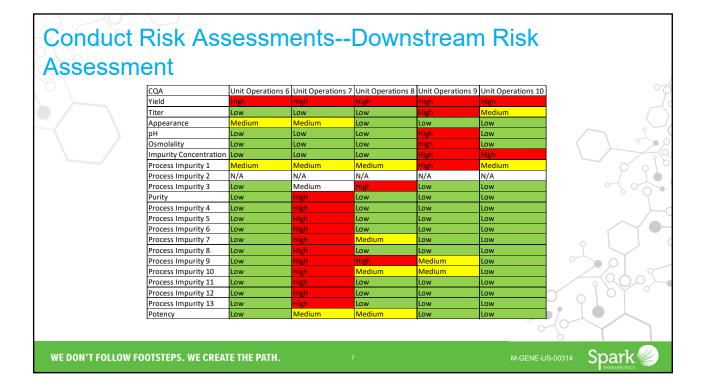
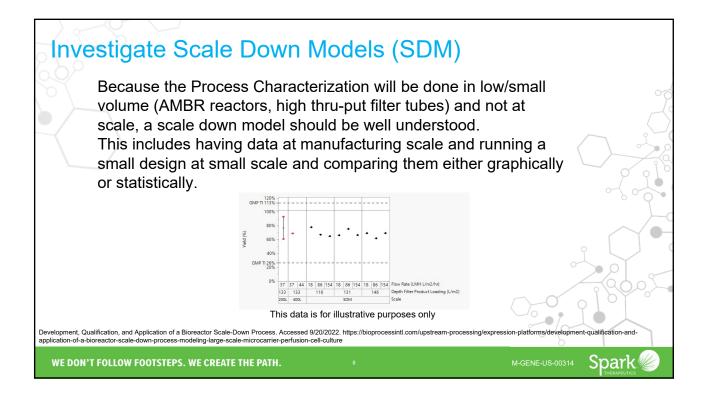
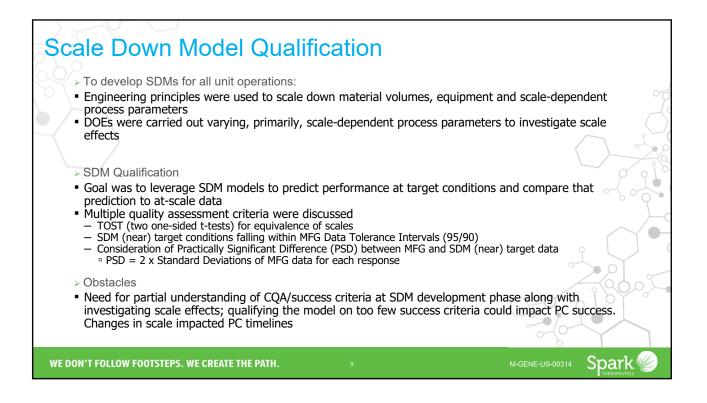


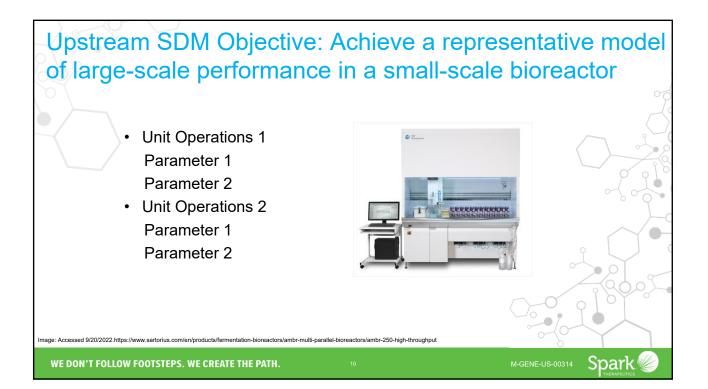


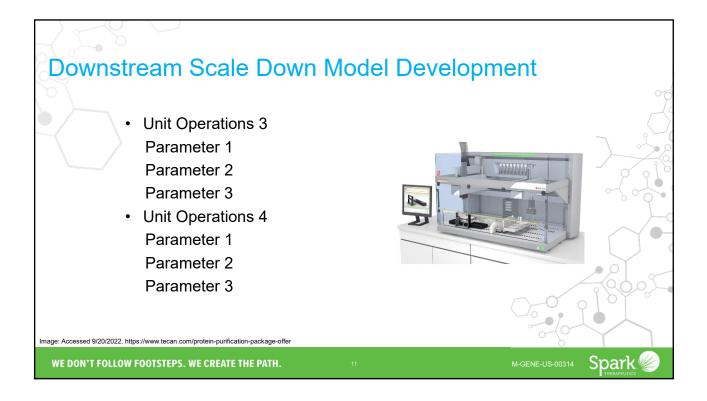
CQA	Unit Operations 1	Unit Operations 2	Unit Operations 3	Unit Operations 4	Unit Operations 5	
Cell Health Measure 1	Low	Medium	High	Low	Low	
Cell Health Measure 2	Low	Medium	High	Low	Low	
Yield	Low	Medium	High	High	High	
Growth Time	Low	Medium	High	Low	Low	
Process Impurity 1	Low	Low	Low	Medium	Medium	
Identity	Low	Low	Low	Medium	Low	2
Process Impurity 2	Low	Low	Low	Medium	Medium	0
Purity	Low	Low	Low	Medium	Medium	
Potency	Low	Low	Low	Medium	Medium	
Process Impurity 3	Low	Low	Low	Low	Medium	\sim
Process Impurity 4	Low	Low	Low	Low	Medium	
Process Impurity 5	Low	Low	Low	Low	Medium	9
Process Impurity 6	Low	Low	Low	Low	Medium	\perp

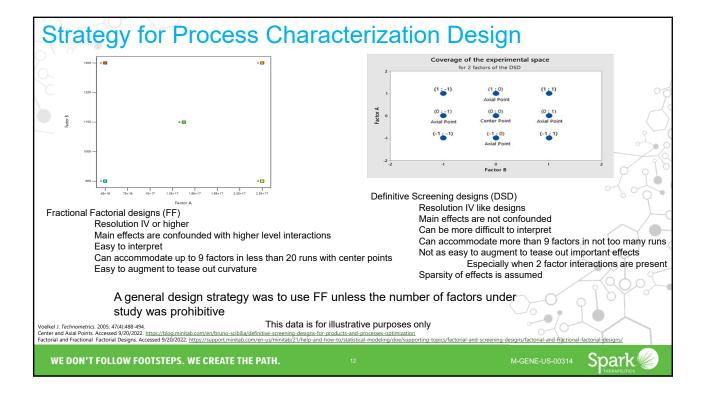


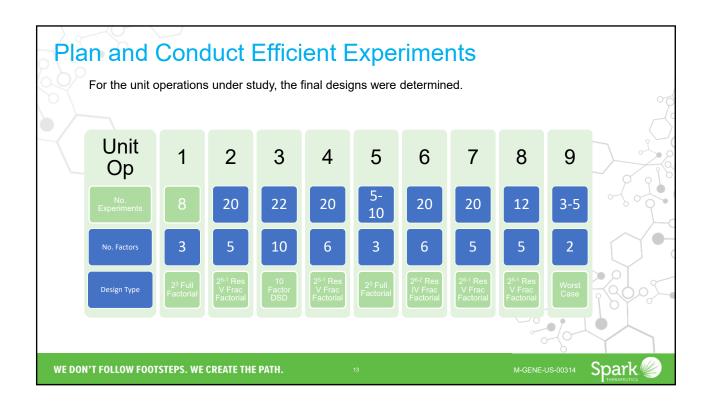




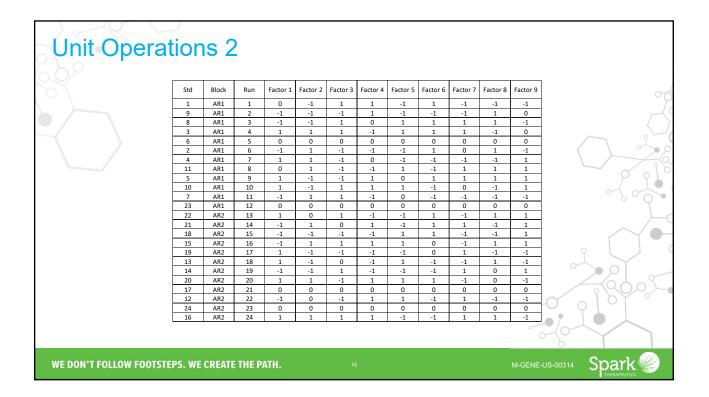








Unit Operati	ions	1								
0.9/	Std	Block	Run	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	1
10	11	{1}	1	1	1	-1	1	-1	1	00
	8	{1}	2	1	-1	1	-1	-1	1	Ta Ta
	14	{1}	3	-1	-1	1	1	1	1	
	1	{1}	4	-1	-1	-1	-1	-1	-1	
	18	{1}	5	0	0	0	0	0	0	
	7	{1}	6	1	-1	-1	1	1	-1	
	13	{1}	7	-1	1	1	1	-1	-1	18
	17	{1}	8	1	1	1	-1	1	-1	9 9 1
	12	{1}	9	-1	1	-1	-1	1	1	
	2	{1}	10	0	0	0	0	0	0	0 0
	6	{-1}	11	1	1	1	1	1	1	
	16	{-1}	12	-1	-1	1	-1	1	-1	
	4	{ -1 }	13	-1	1	-1	1	1	-1	
	20	{-1}	14	-1	1	1	-1	-1	1	
	5	{-1}	15	1	1	-1	-1	-1	-1	
	3	{-1}	16	1	-1	1	1	-1	-1	
	19	{-1}	17	0	0	0	0	0	0	
	9	{-1}	18	0	0	0	0	0	0	
	15	{-1}	19	-1	-1	-1	1	-1	1	
	10	{-1}	20	0	-1	-1	-1	1	1	
										~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
WE DON'T FOLLOW FOOTSTEP	S. WE CR	EATE THE	PATH.		14				M-C	GENE-US-00314 Spark



			1						1
Std	Block	Run	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	~
18	Amber Run 1	1	0	0	0	0	0	0	
17	Amber Run 1	2	0	0	0	0	0	0	
10	Amber Run 1	3	1	-1	-1	1	1	-1	(
12	Amber Run 1	4	1	1	-1	1	-1	1	
8	Amber Run 1	5	1	1	1	-1	1	-1	
3	Amber Run 1	6	-1	1	-1	-1	1	1	
15	Amber Run 1	7	-1	1	1	1	-1	-1	
13	Amber Run 1	8	-1	-1	1	1	1	1	
6	Amber Run 1	9	1	-1	1	-1	-1	1	0000
1	Amber Run 1	10	-1	-1	-1	-1	-1	-1	0 0 -
21	Amber Run 1	11	0	0	0	0	0	0	
14	Amber Run 2	12	1	-1	1	1	-1	-1	
11	Amber Run 2	13	-1	1	-1	1	1	-1	
19	Amber Run 2	14	0	0	0	0	0	0	0
20	Amber Run 2	15	0	0	0	0	0	0	
2	Amber Run 2	16	1	-1	-1	-1	1	1	
5	Amber Run 2	17	-1	-1	1	-1	1	-1	
9	Amber Run 2	18	-1	-1	-1	1	-1	1	1 5 0 0
7	Amber Run 2	19	-1	1	1	-1	-1	1	
16	Amber Run 2	20	1	1	1	1	1	1	
4	Amber Run 2	21	1	1	-1	-1	-1	-1	
22	Amber Run 2	22	0	0	0	0	0	0	of y

Unit Operatio	ns 4							
	Run	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	00
	1	-1	-1	-1	-1	-1	-1	
	2	0	0	0	0	0	0	
	3	1	1	-1	-1	1	1	
	4	0	0	0	0	0	0	
	5	-1	1	1	-1	-1	1	
	6	1	-1	-1	1	1	-1	9 9 10
	7	-1	-1	1	-1	1	1	
	8	1	1	-1	1	-1	-1	8 0
	9	-1	1	-1	-1	1	-1	
	10	-1	1	-1	1	-1	1	
	11	-1	1	1	1	1	-1	
	12	1	-1	-1	-1	-1	1	
	13	-1	-1	-1	1	1	1	
	14	-1	-1	1	1	-1	-1	
	15	1	1	1	1	1	1	
	16	1	-1	1	1	-1	1	
	17	1	1	1	-1	-1	-1	
	18	1	-1	1	-1	1	-1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
WE DON'T FOLLOW FOOTSTEPS. W	E CREATE	THE PATH.		17				M-GENE-US-00314 Spark

Std	Run	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	
1	1	-1	-1	-1	-1	1	
7	2	-1	1	1	-1	1	Γ
6	3	1	-1	1	-1	1	
11	4	-1	1	-1	1	1	
13	5	-1	-1	1	1	1	
4	6	1	1	-1	-1	1	
16	7	1	1	1	1	1	99
8	8	1	1	1	-1	-1	$\sim$
15	9	-1	1	1	1	-1	0 ° Q
18	10	0	0	0	0	0	
14	11	1	-1	1	1	-1	~ /
10	12	1	-1	-1	1	1	
17	13	0	0	0	0	0	0
20	14	0	0	0	0	0	
3	15	-1	1	-1	-1	-1	
2	16	1	-1	-1	-1	-1	(200)
19	17	0	0	0	0	0	
5	18	-1	-1	1	-1	-1	
12	19	1	1	-1	1	-1	
9	20	-1	-1	-1	1	-1	

