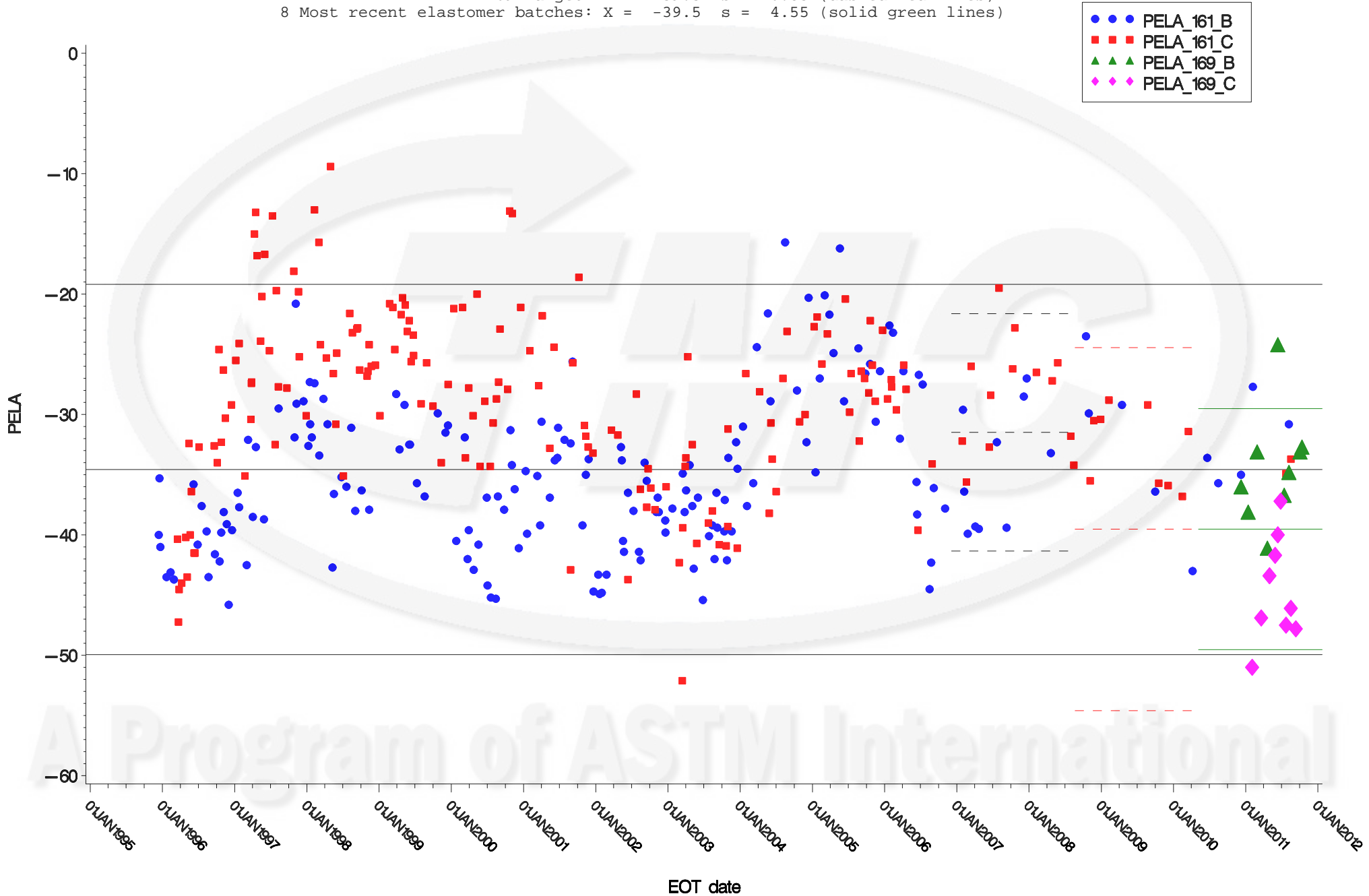


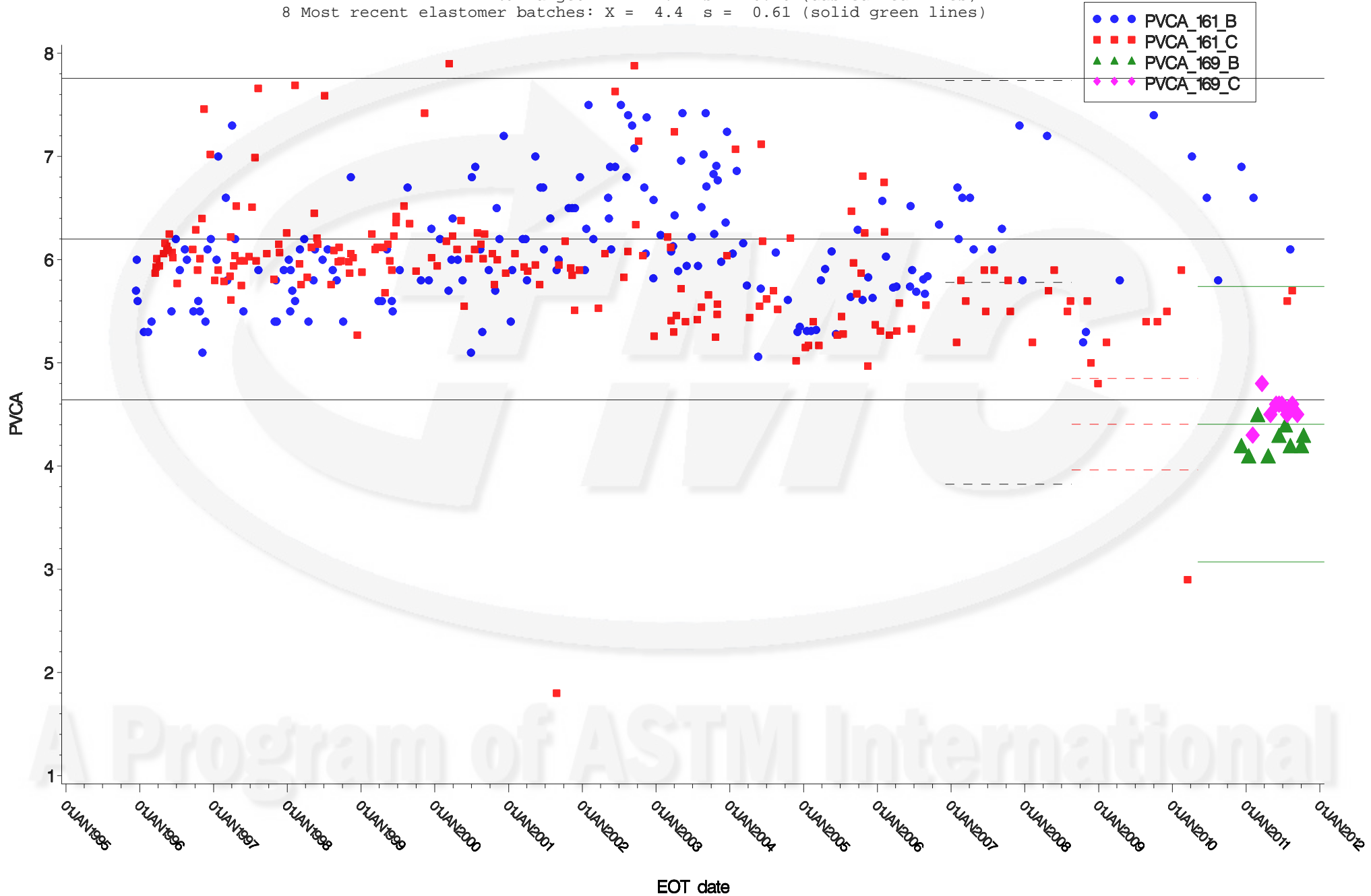
Fluoroelastomer Percent Elongation

161-1 Target: X = -34.6 s = 6.99 (solid black lines)
30 Most recent 161-1 tests: X = -31.5 s = 4.48 (dashed black lines)
169 Target: X = -39.5 s = 6.85 (dashed red lines)
8 Most recent elastomer batches: X = -39.5 s = 4.55 (solid green lines)



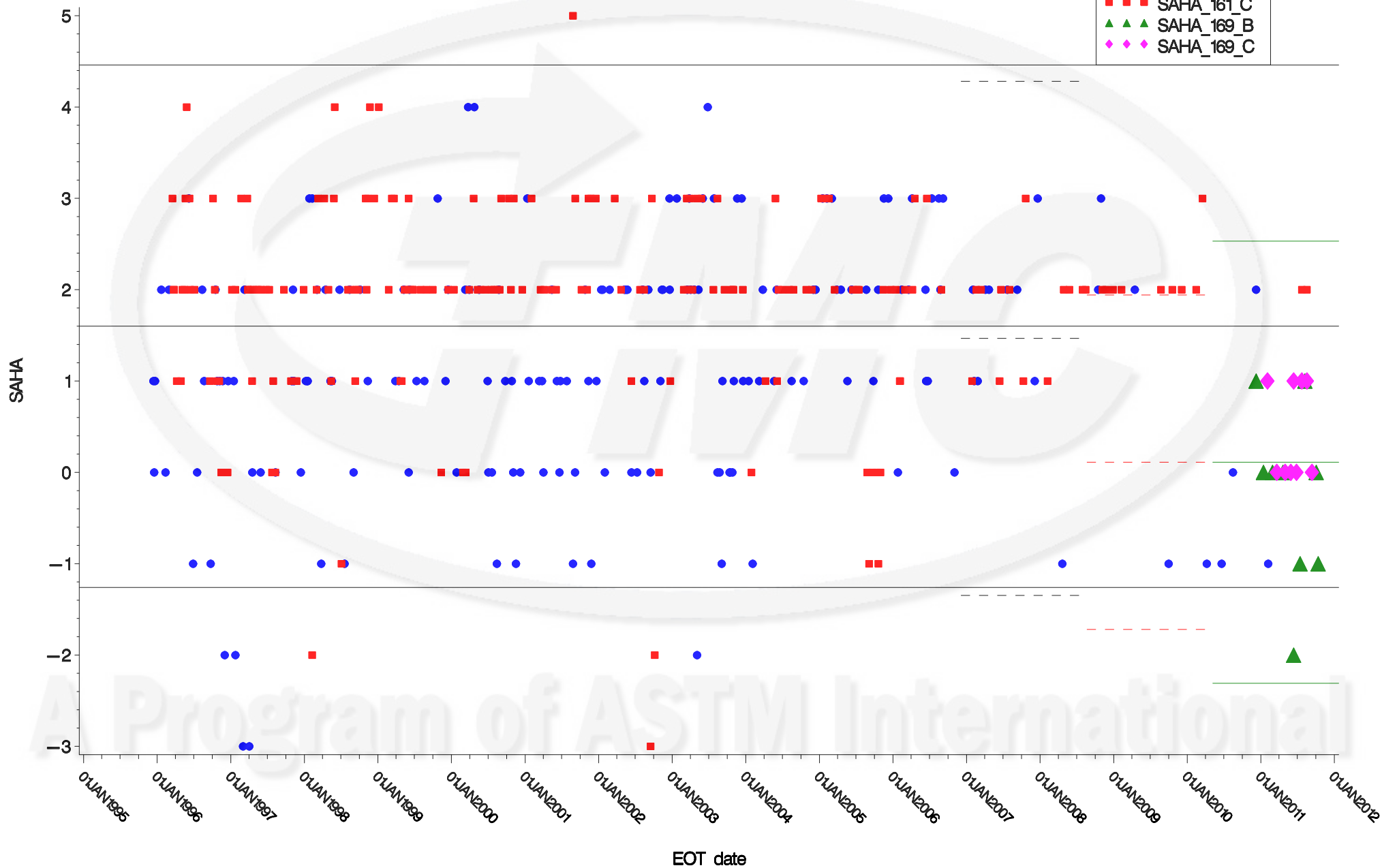
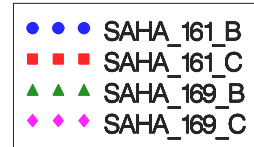
Fluoroelastomer Percent Volume Change

161-1 Target: X = 6.2 s = 0.71 (solid black lines)
30 Most recent 161-1 tests: X = 5.8 s = 0.89 (dashed black lines)
169 Target: X = 4.4 s = 0.20 (dashed red lines)
8 Most recent elastomer batches: X = 4.4 s = 0.61 (solid green lines)



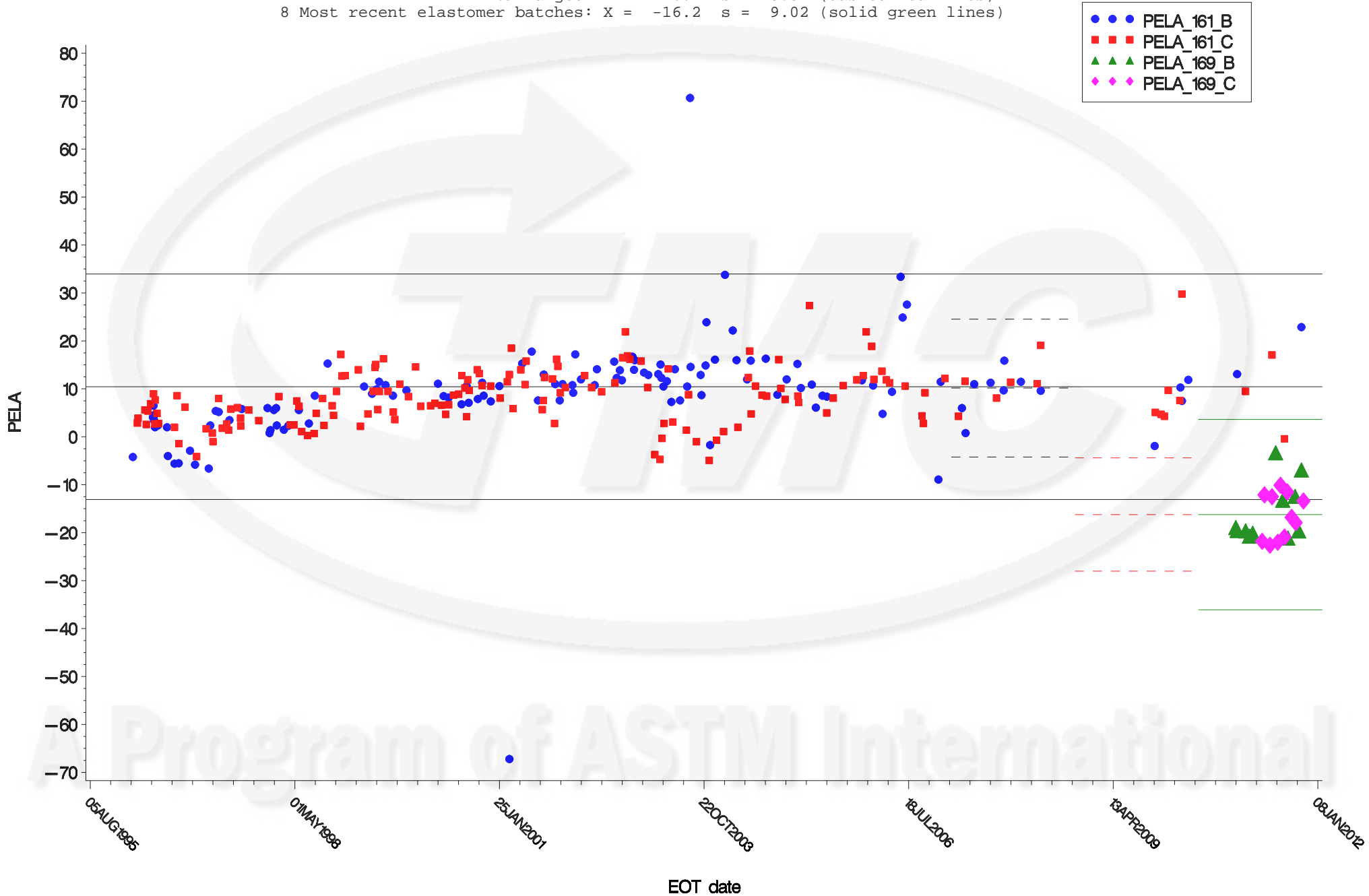
Fluoroelastomer Points Hardness Change

161-1 Target: X = 1.6 s = 1.30 (solid black lines)
 30 Most recent 161-1 tests: X = 1.5 s = 1.28 (dashed black lines)
 169 Target: X = 0.1 s = 0.83 (dashed red lines)
 8 Most recent elastomer batches: X = 0.1 s = 1.10 (solid green lines)



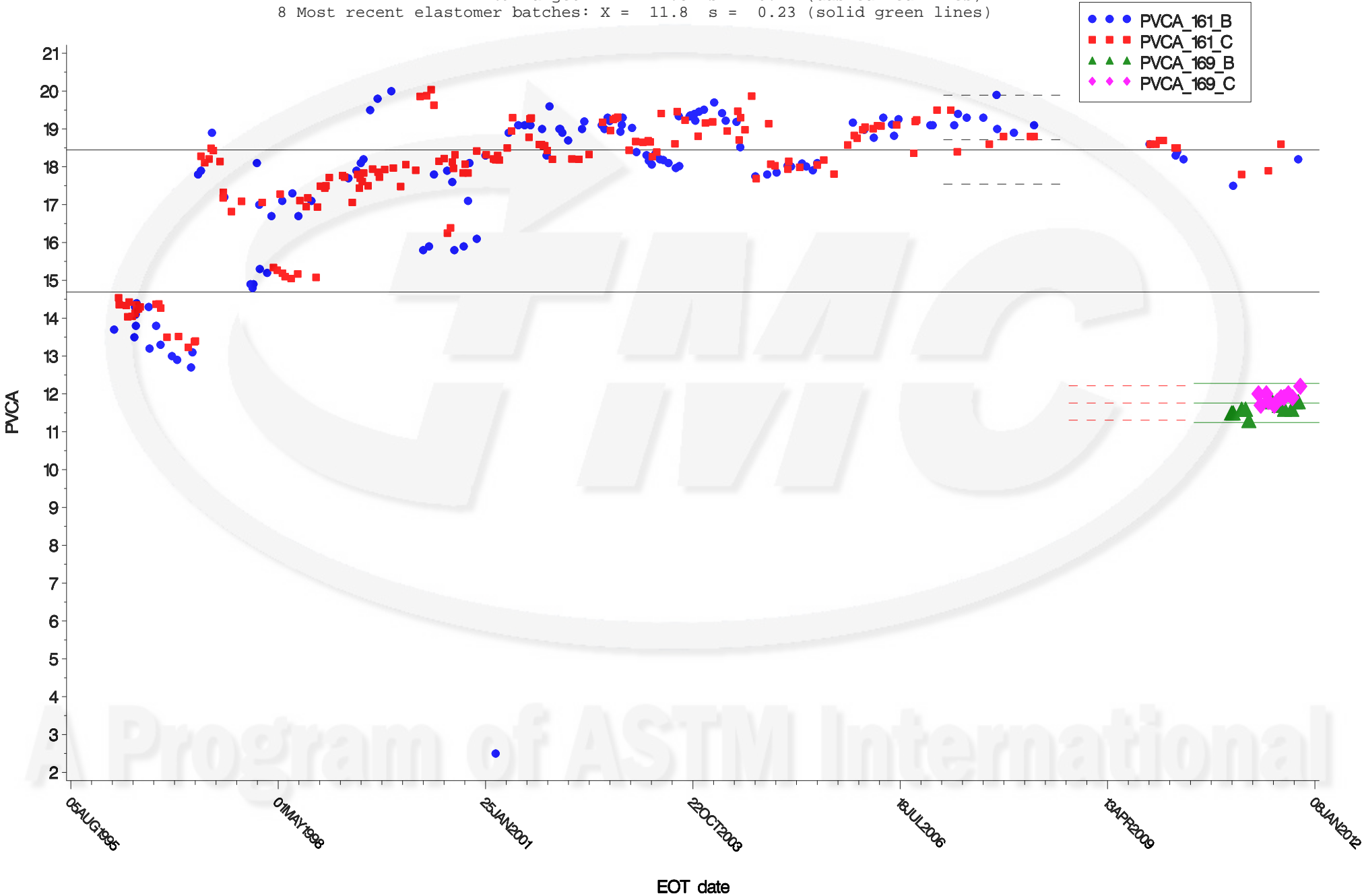
Nitrile Percent Elongation

161-1 Target: $X = 10.4$ $s = 10.69$ (solid black lines)
30 Most recent 161-1 tests: $X = 10.2$ $s = 6.53$ (dashed black lines)
169 Target: $X = -16.2$ $s = 5.37$ (dashed red lines)
8 Most recent elastomer batches: $X = -16.2$ $s = 9.02$ (solid green lines)



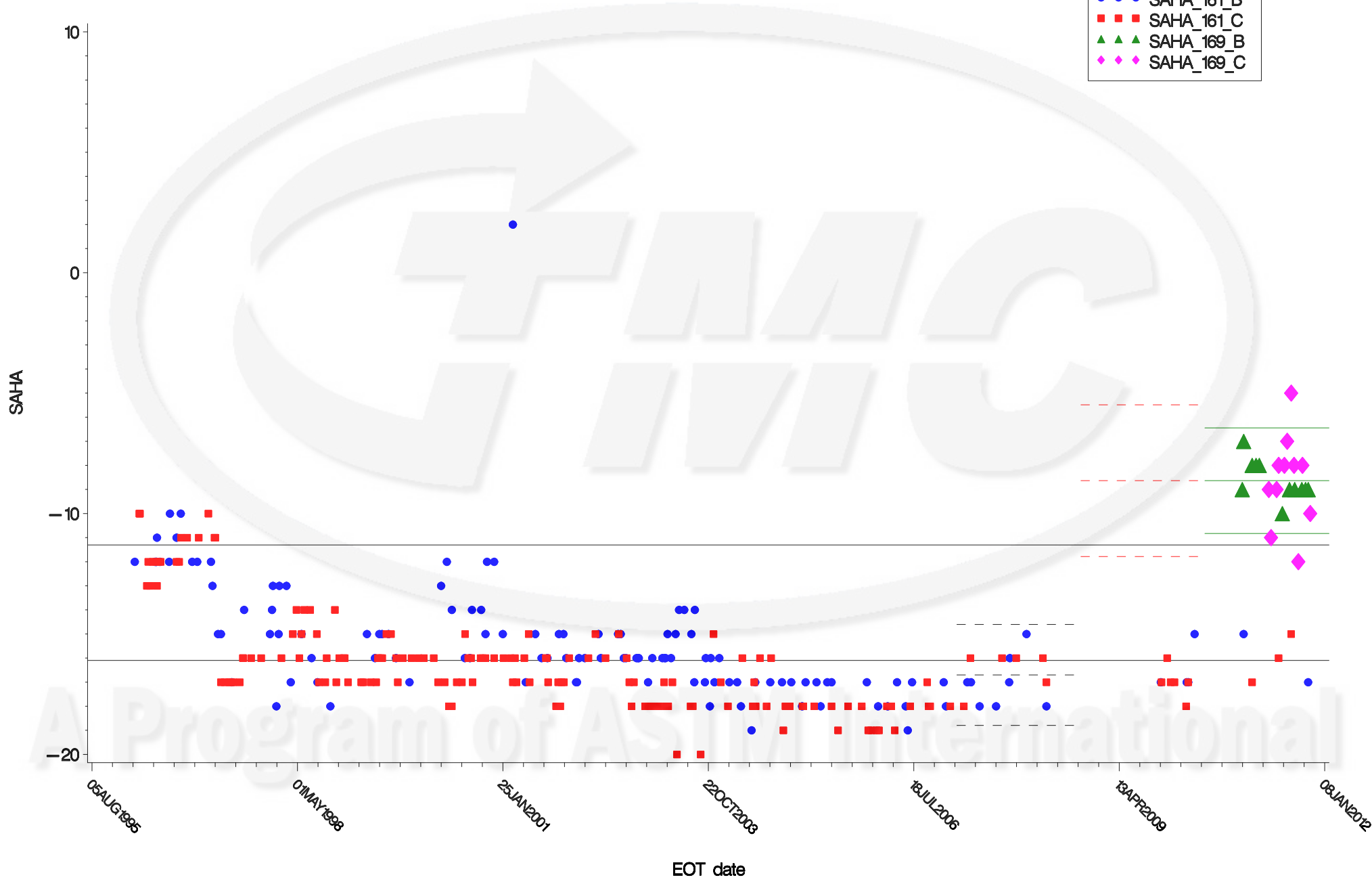
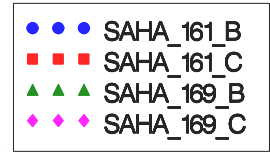
Nitrile Percent Volume Change

161-1 Target: X = 18.4 s = 1.71 (solid black lines)
30 Most recent 161-1 tests: X = 18.7 s = 0.53 (dashed black lines)
169 Target: X = 11.8 s = 0.21 (dashed red lines)
8 Most recent elastomer batches: X = 11.8 s = 0.23 (solid green lines)



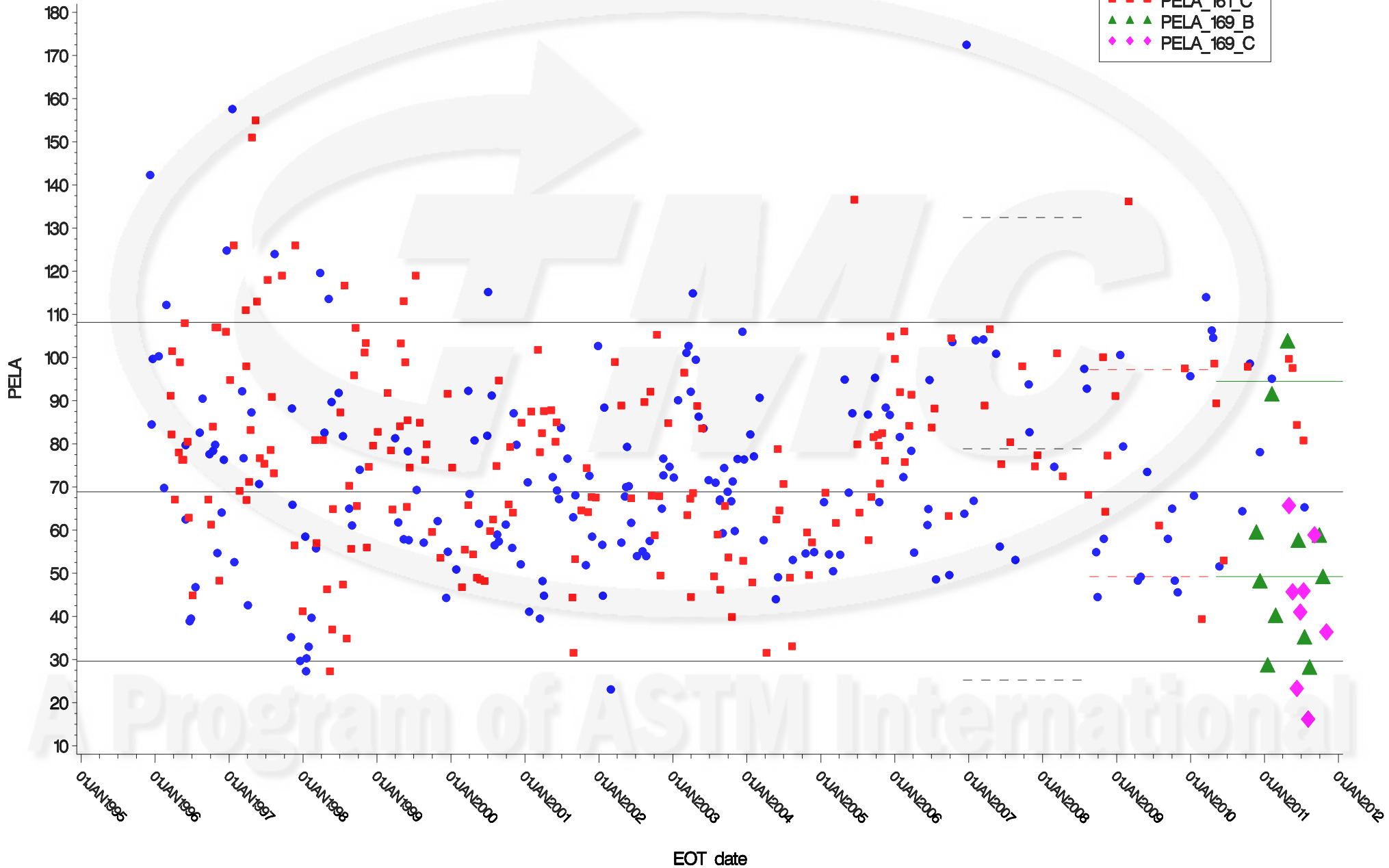
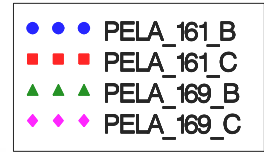
Nitrile Points Hardness Change

161-1 Target: X = -16.1 s = 2.18 (solid black lines)
30 Most recent 161-1 tests: X = -16.7 s = 0.95 (dashed black lines)
169 Target: X = -8.6 s = 1.43 (dashed red lines)
8 Most recent elastomer batches: X = -8.6 s = 1.00 (solid green lines)



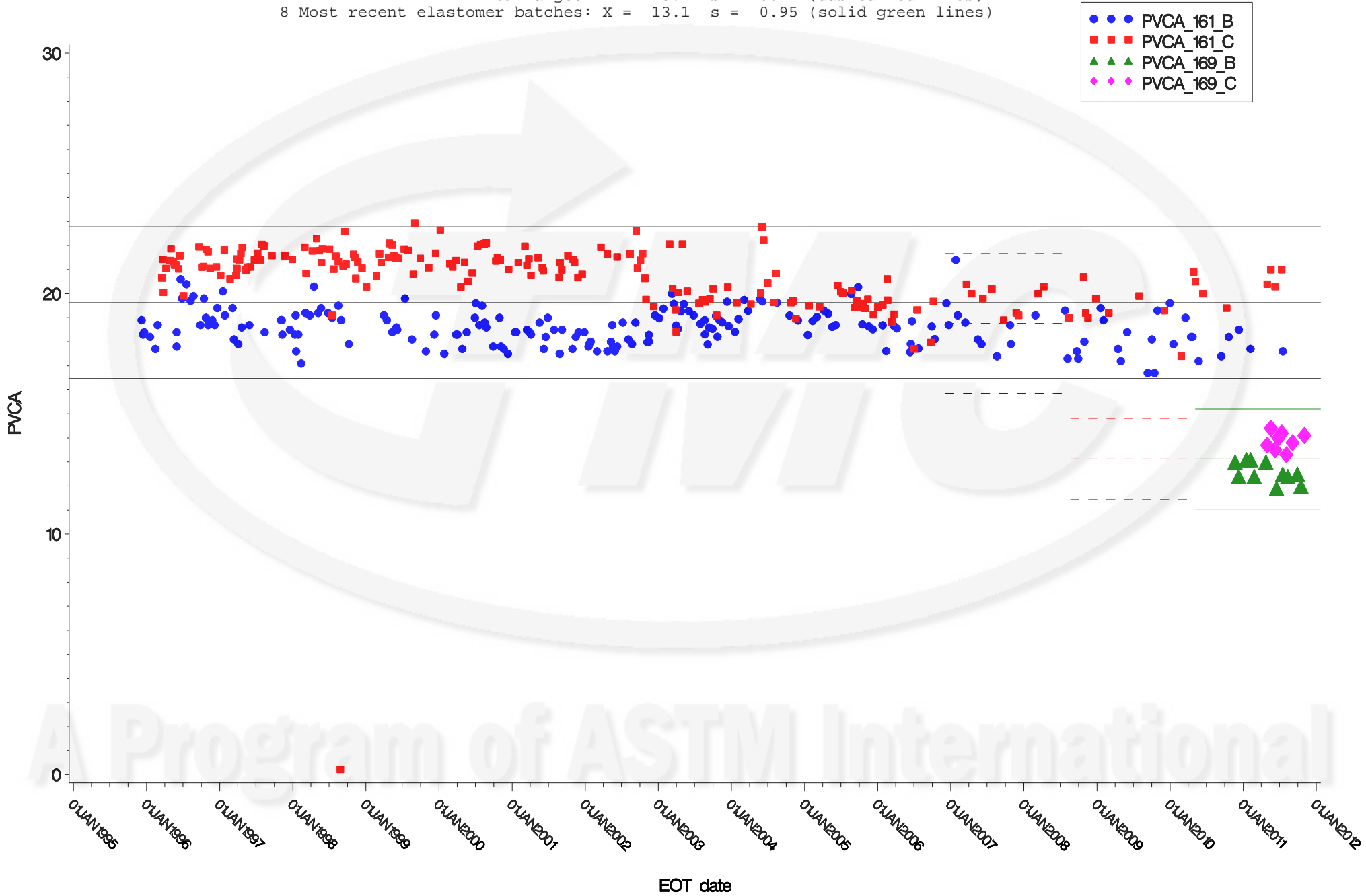
Polyacrylate Percent Elongation

161-1 Target: X = 68.9 s = 17.85 (solid black lines)
 30 Most recent 161-1 tests: X = 78.8 s = 24.36 (dashed black lines)
 169 Target: X = 49.2 s = 21.82 (dashed red lines)
 8 Most recent elastomer batches: X = 49.2 s = 20.58 (solid green lines)



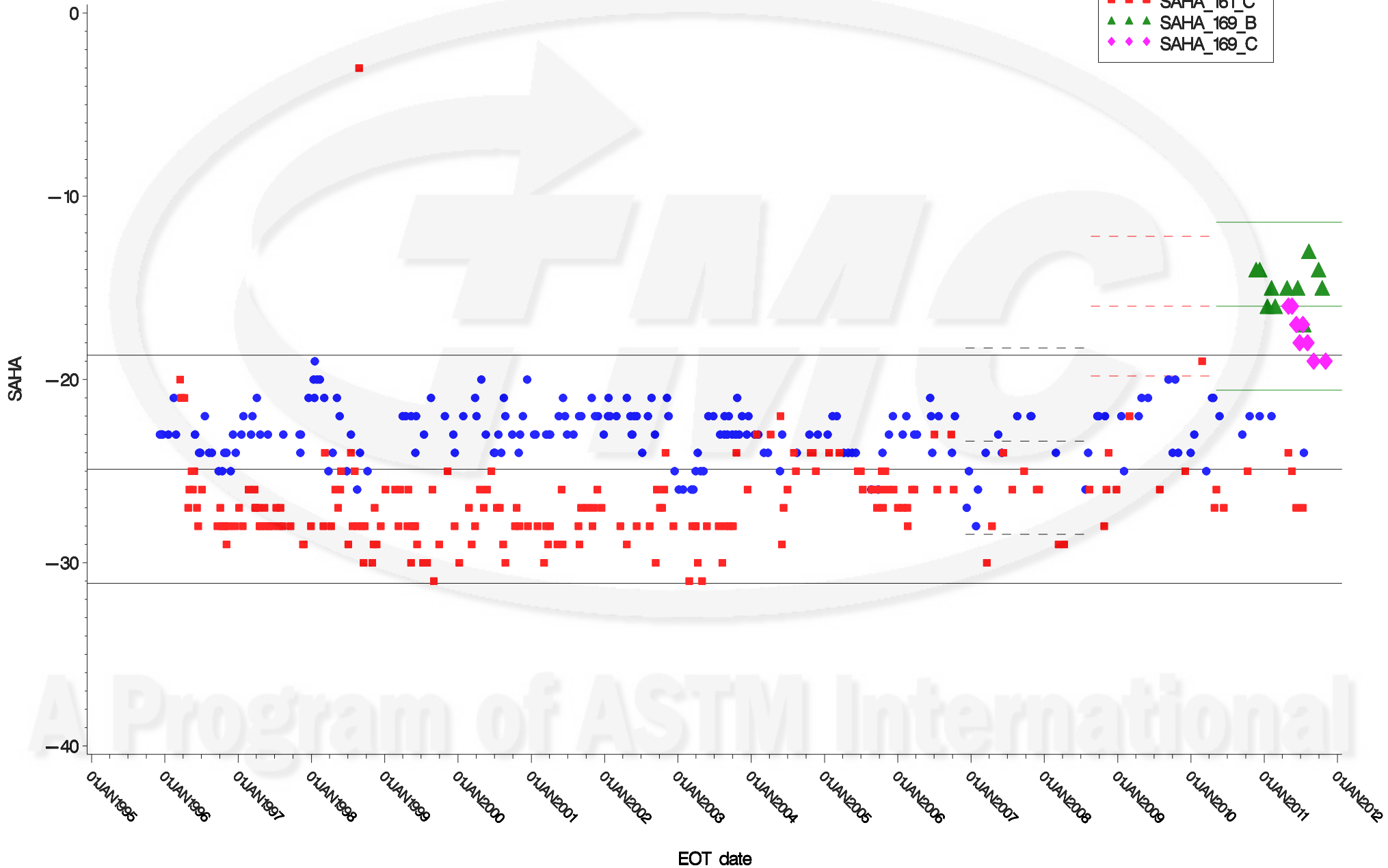
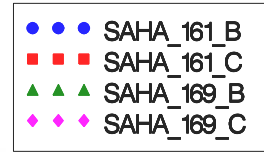
Polyacrylate Percent Volume Change

161-1 Target: $X = 19.6$ $s = 1.43$ (solid black lines)
30 Most recent 161-1 tests: $X = 18.8$ $s = 1.32$ (dashed black lines)
169 Target: $X = 13.1$ $s = 0.77$ (dashed red lines)
8 Most recent elastomer batches: $X = 13.1$ $s = 0.95$ (solid green lines)



Polyacrylate Points Hardness Change

161-1 Target: X = -24.9 s = 2.83 (solid black lines)
30 Most recent 161-1 tests: X = -23.4 s = 2.31 (dashed black lines)
169 Target: X = -16.0 s = 1.73 (dashed red lines)
8 Most recent elastomer batches: X = -16.0 s = 2.08 (solid green lines)



Oil 169 Intro Data

		FL			NI			PA		
		PELA	PVCA	SAHA	PELA	PVCA	SAHA	PELA	PVCA	SAHA
Oil 169 data	n-size	18	18	18	22	22	22	19	19	19
	Mean	-39.5	4.4	0.1	-16.2	11.8	-8.6	49.2	13.1	-16.0
	STD	6.85	0.20	0.83	5.37	0.21	1.43	21.82	0.77	1.73
	Acceptance min	-54.6	4.0	-1.7	-28.0	11.3	-11.7	1.2	11.4	-19.8
	Acceptance max	-24.4	4.8	1.9	-4.4	12.3	-5.5	97.2	14.8	-12.2
Pooled s of 8 Jerry-designated batches*	degrees-of-freedom	64	64	64	98	98	98	105	105	105
	Pooled s	4.55	0.61	1.10	9.02	0.23	1.00	20.58	0.95	2.08
	Acceptance min	-49.5	3.1	-2.3	-36.0	11.3	-10.8	3.9	11.0	-20.6
	Acceptance max	-29.5	5.7	2.5	3.6	12.3	-6.4	94.5	15.2	-11.4
Current 161-1 Targets	n-size	141	141	141	119	119	119	144	144	144
	Mean	-34.6	6.2	1.6	10.4	18.4	-16.1	68.9	19.6	-24.9
	STD	6.99	0.71	1.30	10.69	1.71	2.18	17.85	1.43	2.83
	Acceptance min	-50.0	4.6	-1.3	-13.1	14.6	-20.9	29.6	16.5	-31.1
	Acceptance max	-19.2	7.8	4.5	33.9	22.2	-11.3	108.2	22.7	-18.7
30 most recent 161-1 tests	n-size	30	30	30	30	30	30	30	30	30
	Mean	-31.5	5.8	1.5	10.2	18.7	-16.7	78.8	18.8	-23.4
	STD	4.48	0.89	1.28	6.53	0.53	0.95	24.36	1.32	2.31
	Acceptance min	-41.4	3.8	-1.3	-4.2	17.5	-18.8	25.2	15.9	-28.5
	Acceptance max	-21.6	7.8	4.3	24.6	19.9	-14.6	132.4	21.7	-18.3

*Pooled s - pooled by Jerry-selected elastomer batch and oil

FL batches: 'FL374','FL371','FL368','FL366','FL361','FL360','FL358','FL355'

NI batches: 'NI334','NI332','NI331','NI330','NI329','NI328','NI327','NI326'

PA batches: 'PA342','PA341','PA340','PA338','PA337','PA336','PA335','PA334'

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