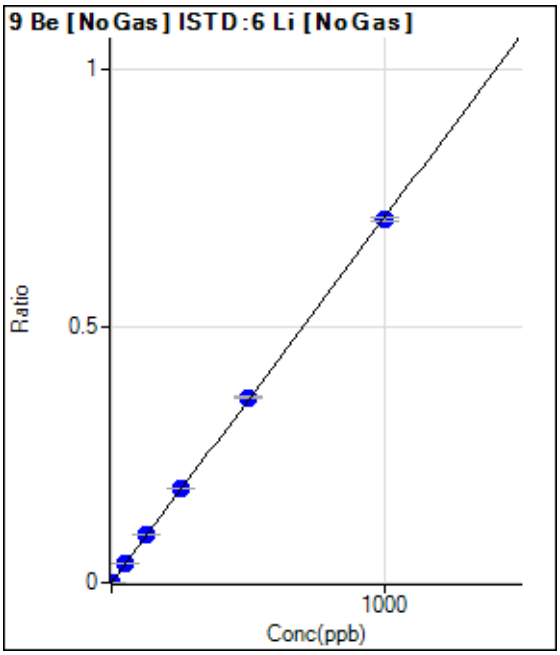
Batch Folder: C:\Agilent\ICPMH\1\DATA\P7070621SMS.b\
Analysis File: P7070621SMS.batch.bin
DA Date-Time: 2021-07-07 02:57:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

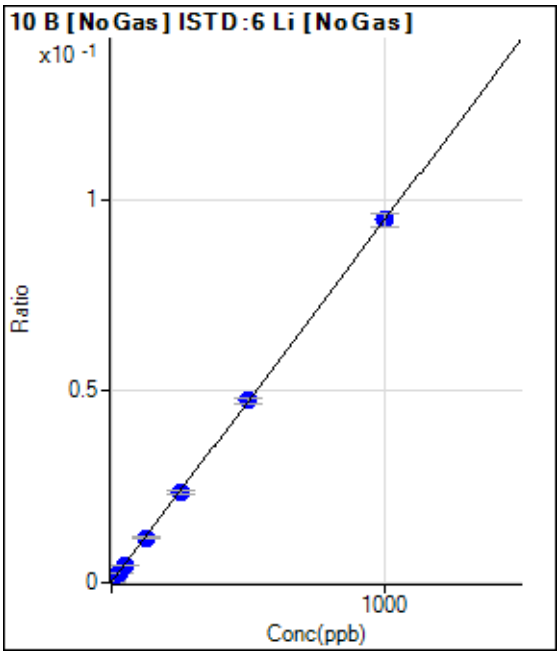
Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-07-06 17:17:52
2	006CALS.d	S01	2021-07-06 17:20:56
3	007CALS.d	S02	2021-07-06 17:24:02
4	008CALS.d	S03	2021-07-06 17:27:06
5	009CALS.d	S04	2021-07-06 17:30:09
6	010CALS.d	S05	2021-07-06 17:33:11
7	011CALS.d	S06	2021-07-06 17:36:09
8	012CALS.d	S07	2021-07-06 17:39:02
9	013CALS.d	S08	2021-07-06 17:41:56



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.37	0.0000	P	19.8
2	☐	0.100	0.091	233.34	0.0001	P	4.5
3	☐	1.000	1.084	1926.08	0.0008	P	2.4
4	☐	50.000	50.417	88448.03	0.0360	P	0.8
5	☐	125.000	130.152	223439.00	0.0928	P	1.7
6	☐	250.000	257.486	428570.38	0.1835	P	1.1
7	☐	500.000	508.081	801871.31	0.3621	P	0.5
8	☐	1000.000	993.423	1516128.62	0.7079	P	1.0
9	☐			453.72	0.0002	P	9.3

y = 7.1257E-004 * x + 2.9351E-005
R = 0.9999
DL = 0.02447
BEC = 0.04119

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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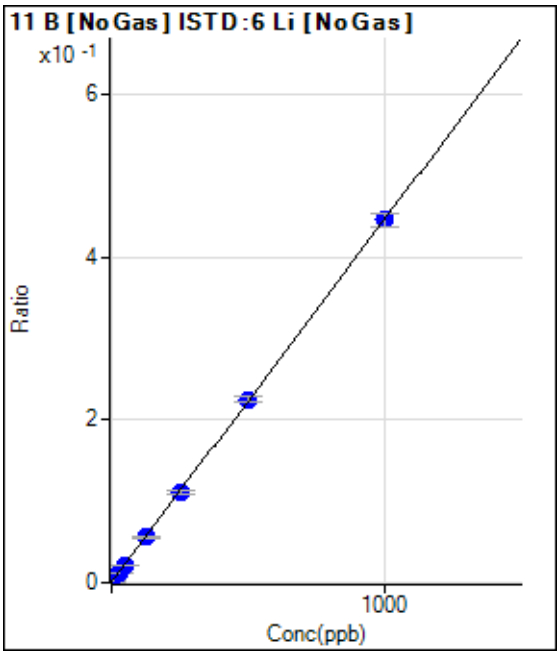
2	☐	2.500	2.264	841.72	0.0003	P	10.6
3	☐	25.000	23.752	5698.43	0.0024	P	2.6
4	☐	50.000	46.341	11079.34	0.0045	P	4.3
5	☐	125.000	121.876	28020.77	0.0116	P	5.3
6	☐	250.000	246.056	54551.36	0.0234	P	4.5
7	☐	500.000	500.945	105048.22	0.0474	P	2.2
8	☐	1000.000	1001.119	202732.89	0.0947	P	4.1
9	☐			7849.48	0.0038	P	12.7

y = 9.4443E-005 * x + 1.2631E-004
R = 1.0000
DL = 0.5574
BEC = 1.337

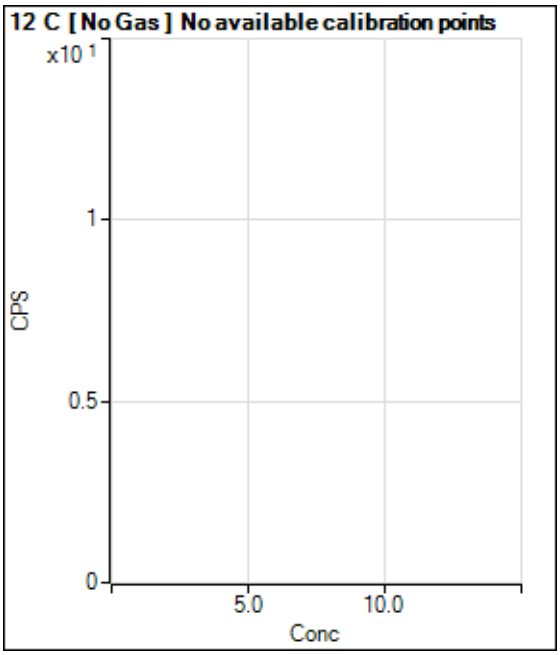
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1533.45	0.0006	P	4.7
2	☐	2.500	2.104	3903.39	0.0016	P	13.0
3	☐	25.000	23.592	26813.12	0.0112	P	2.2
4	☐	50.000	46.655	52700.77	0.0214	P	6.7
5	☐	125.000	123.915	134485.22	0.0559	P	5.6
6	☐	250.000	248.104	259619.49	0.1112	P	3.6
7	☐	500.000	503.495	498192.63	0.2250	P	2.9
8	☐	1000.000	999.066	954613.01	0.4458	P	3.9
9	☐			37032.10	0.0181	P	9.3

y = 4.4557E-004 * x + 6.3967E-004
R = 1.0000
DL = 0.2023
BEC = 1.436

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
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7	☐						
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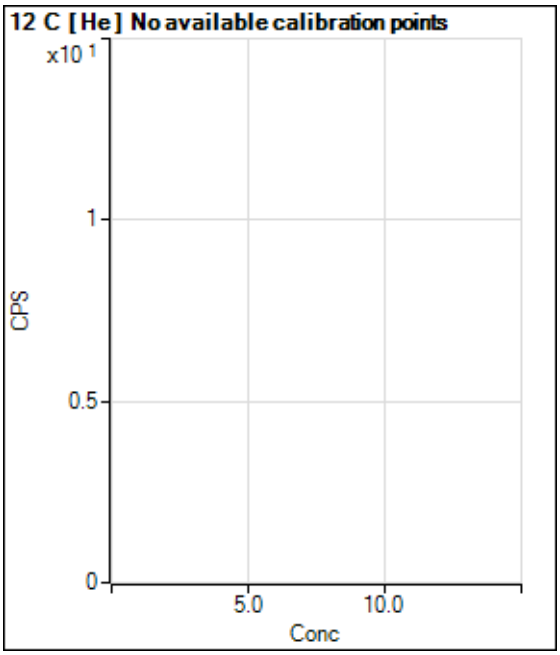
9	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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3	☐						
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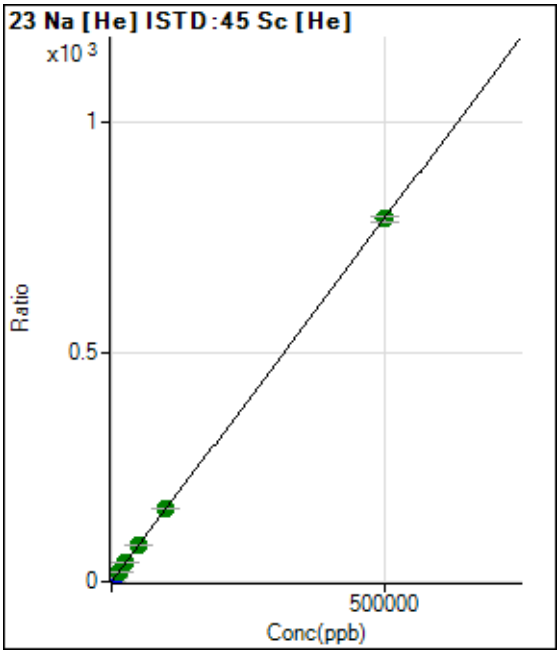
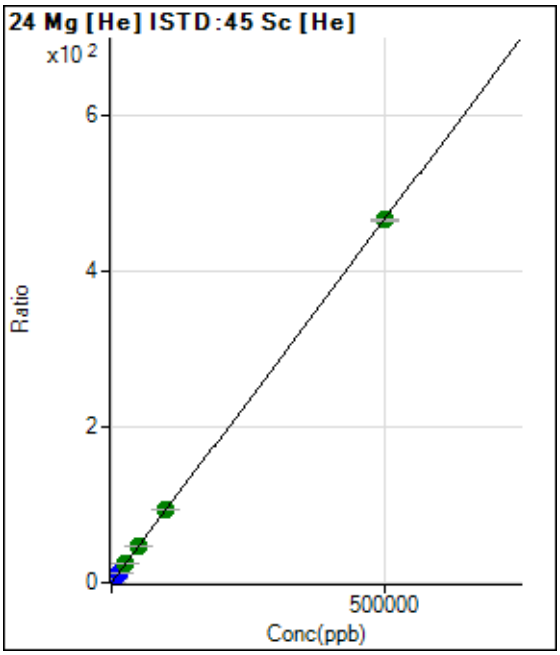
9	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7930.04	0.0232	P	2.5
2	☐	50.000	47.681	35484.01	0.0986	P	8.7
3	☐	500.000	532.109	300623.19	0.8648	P	1.2
4	☐	5000.000	5206.858	2856969.42	8.2582	P	0.8
5	☐	12500.000	12965.277	7018399.55	20.5288	A	0.9
6	☐	25000.000	26048.222	13758544.23	41.2204	A	0.8
7	☐	50000.000	51351.683	26242851.45	81.2398	A	0.8
8	☐	100000.00	101340.00	50765773.36	160.3001	A	0.6
9	☐	500000.00	499530.68	258366136.3	790.0690	A	1.7

y = 0.0016 * x + 0.0232
R = 1.0000
DL = 1.111
BEC = 14.66

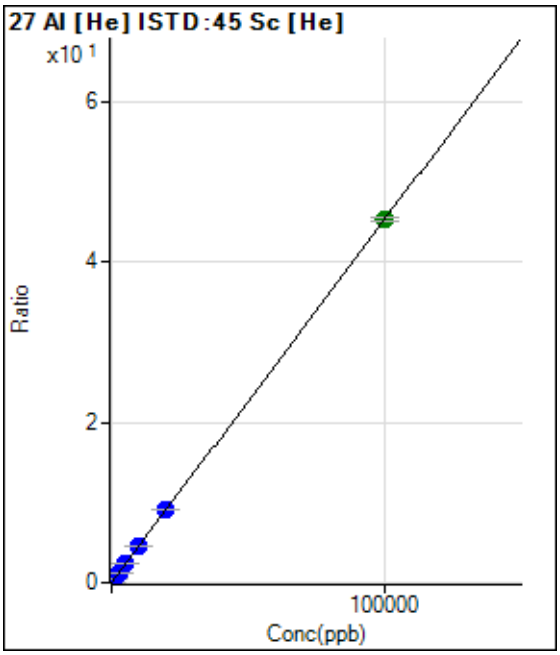
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.56	0.0007	P	13.6
2	☐	50.000	48.442	16462.18	0.0458	P	9.7
3	☐	500.000	528.923	171415.34	0.4931	P	0.2
4	☐	5000.000	5286.898	1702915.49	4.9225	P	1.3
5	☐	12500.000	13534.832	4307962.94	12.6009	P	0.7
6	☐	25000.000	26515.589	8239226.75	24.6853	A	0.8
7	☐	50000.000	51412.102	15461307.81	47.8626	A	0.3
8	☐	100000.00	101453.44	29910712.48	94.4483	A	0.5
9	☐	500000.00	499463.55	152071553.4	464.9742	A	0.7

y = 9.3095E-004 * x + 6.7402E-004
R = 1.0000
DL = 0.2958
BEC = 0.724

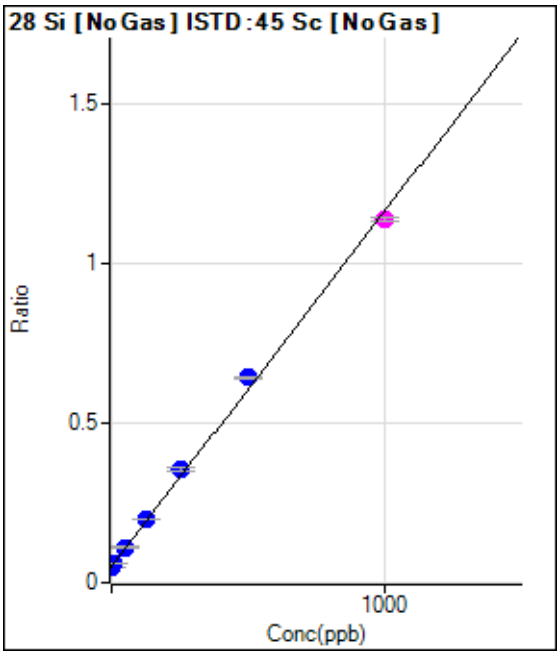
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1144.52	0.0033	P	3.8
2	☑	2.000					
3	☐	20.000	16.892	3822.80	0.0110	P	3.4
4	☐	1000.000	1016.037	160355.18	0.4635	P	1.5
5	☐	2500.000	2621.364	407039.12	1.1906	P	0.3
6	☐	5000.000	5227.675	791411.20	2.3710	P	0.3
7	☐	10000.000	10170.072	1489045.92	4.6095	P	0.3
8	☐	20000.000	20073.828	2880268.75	9.0951	P	0.8
9	☐	100000.00	99953.650	14806082.45	45.2740	A	1.0

y = 4.5292E-004 * x + 0.0033
R = 1.0000
DL = 0.8465
BEC = 7.388

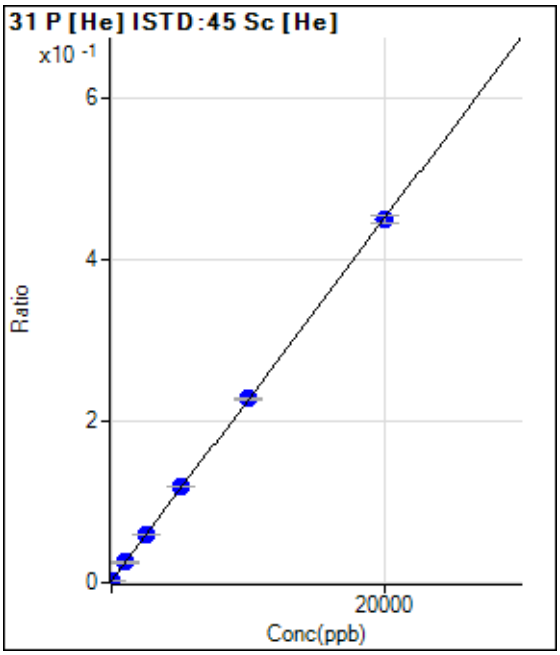
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	221734.46	0.0505	P	0.8
2	☐	1.000	-0.479	225164.70	0.0500	P	1.1
3	☐	10.000	9.984	269231.37	0.0616	P	4.3
4	☐	50.000	53.901	503000.80	0.1104	P	2.1
5	☐	125.000	132.859	878896.86	0.1981	P	2.3
6	☐	250.000	271.991	1539509.50	0.3527	P	3.1
7	☐	500.000	533.680	2699451.30	0.6433	P	1.0
8	☐	1000.000	976.486	4642974.93	1.1352	M	1.0
9	☐			306093.45	0.0764	P	2.0

y = 0.0011 * x + 0.0505
R = 0.9989
DL = 1.122
BEC = 45.5

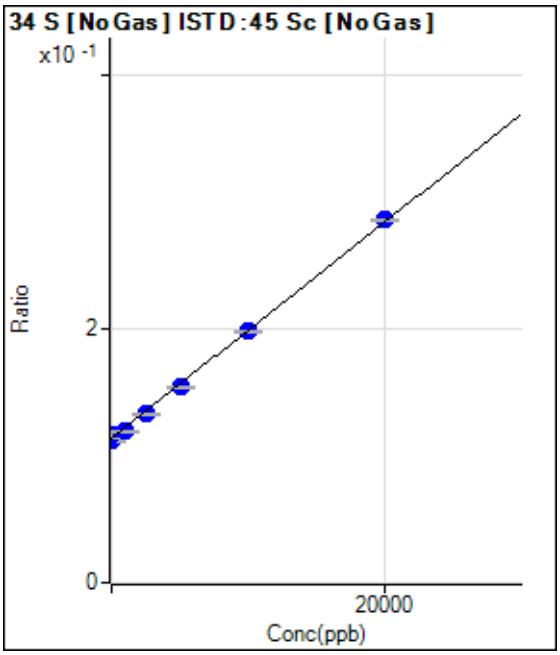
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.106	816.71	0.0024	P	5.3
2	☐	0.000	-8.341	780.60	0.0022	P	16.1
3	☐	0.000	7.234	877.82	0.0025	P	18.4
4	☐	1000.000	1014.507	8694.44	0.0251	P	1.9
5	☐	2500.000	2575.930	20572.86	0.0602	P	1.0
6	☐	5000.000	5209.664	39811.75	0.1193	P	1.6
7	☐	10000.000	10037.104	73533.65	0.2276	P	0.8
8	☐	20000.000	19918.815	142308.07	0.4494	P	2.0
9	☐			747.26	0.0023	P	13.8

y = 2.2443E-005 * x + 0.0024
R = 0.9999
DL = 41.9
BEC = 105.3

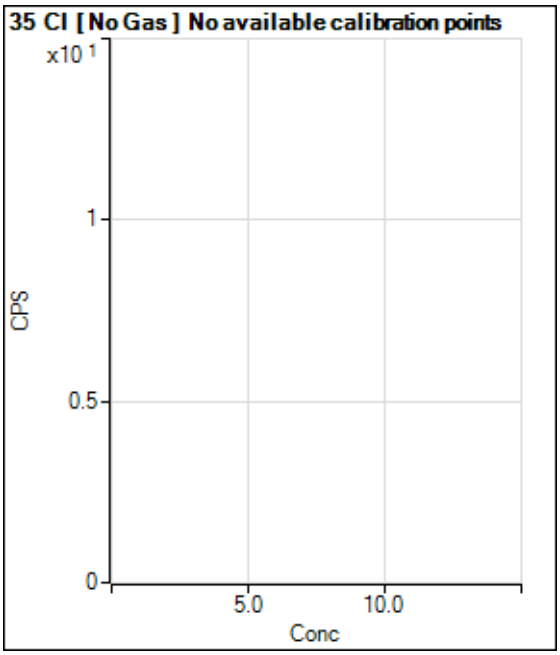
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	4.649	500141.28	0.1140	P	1.5
2	☐	0.000	-264.433	503003.16	0.1117	P	0.8
3	☐	0.000	259.785	507529.53	0.1162	P	4.2
4	☐	1000.000	650.904	544390.44	0.1195	P	1.5
5	☐	2500.000	2262.852	591047.52	0.1332	P	1.2
6	☐	5000.000	4685.790	671761.03	0.1539	P	0.9
7	☐	10000.000	9863.603	830530.45	0.1979	P	0.4
8	☐	20000.000	20193.850	1169279.78	0.2859	P	0.7
9	☐			425573.94	0.1063	P	1.5

y = 8.5139E-006 * x + 0.1140
R = 0.9995
DL = 876.8
BEC = 1.339E+04

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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3	☐						
4	☐						
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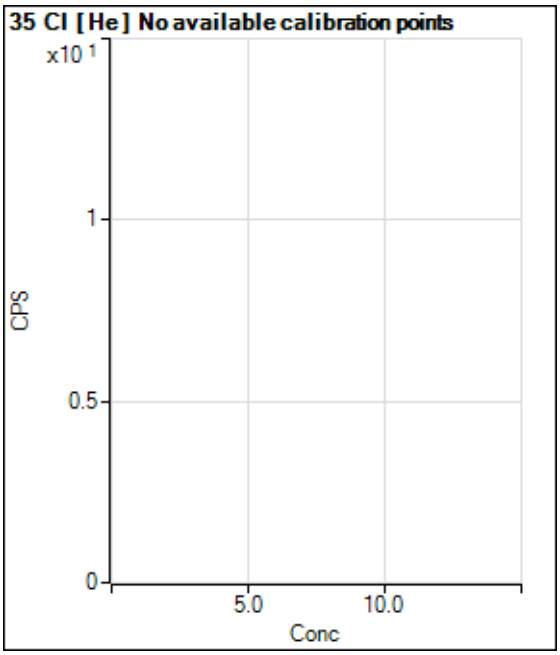
6	☐						
7	☐						
8	☐						
9	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
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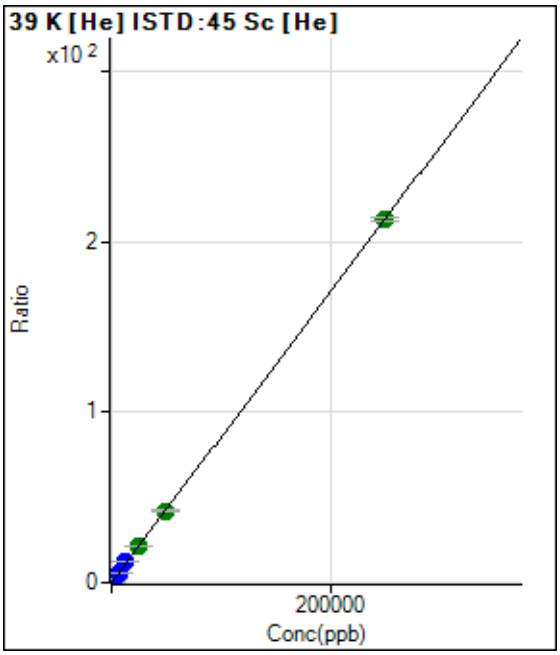
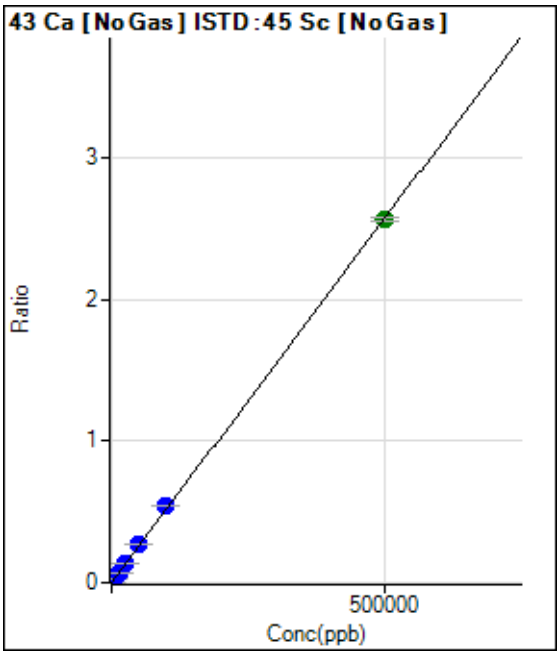
9	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44784.52	0.1309	P	0.8
2	☐	50.000	46.422	61190.06	0.1705	P	12.1
3	☐	500.000	546.839	207392.83	0.5966	P	0.5
4	☐	2500.000	2707.890	842981.35	2.4367	P	1.3
5	☐	6250.000	6985.353	2078291.02	6.0790	P	0.6
6	☐	12500.000	13984.183	4018319.53	12.0386	P	0.1
7	☐	25000.000	25150.190	6960538.09	21.5466	A	0.8
8	☐	50000.000	49411.739	13365795.09	42.2056	A	1.3
9	☐	250000.00	250007.86	69662924.47	213.0153	A	1.1

y = 8.5151E-004 * x + 0.1309
R = 1.0000
DL = 3.606
BEC = 153.8

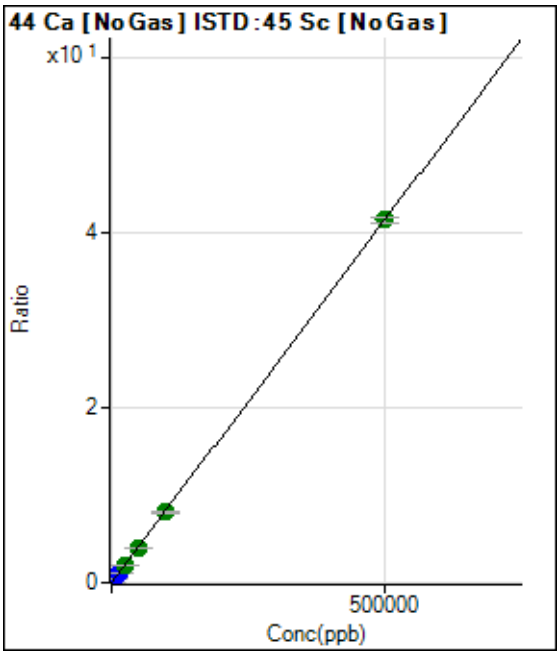
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	40.1
2	☐	50.000	53.924	1400.11	0.0003	P	1.8
3	☐	500.000	529.724	12055.20	0.0028	P	3.5
4	☐	5000.000	5186.758	121733.14	0.0267	P	0.2
5	☐	12500.000	13680.370	312402.84	0.0704	P	2.0
6	☐	25000.000	27167.872	610442.44	0.1398	P	0.9
7	☐	50000.000	53289.626	1150541.80	0.2742	P	0.7
8	☐	100000.00	106076.49	2232352.29	0.5458	P	0.2
9	☐	500000.00	498315.93	10265916.38	2.5639	A	1.1

y = 5.1450E-006 * x + 3.3492E-005
R = 0.9999
DL = 7.836
BEC = 6.51

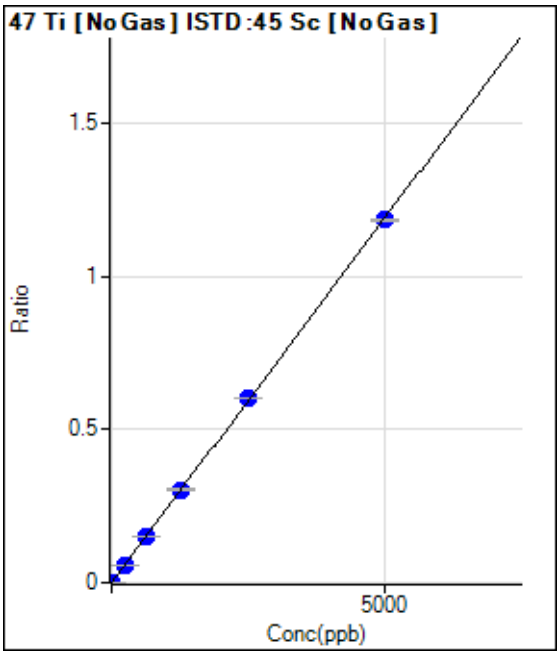
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6668.33	0.0015	P	1.1
2	☐	50.000	52.912	26568.78	0.0059	P	1.7
3	☐	500.000	535.391	200280.28	0.0458	P	3.8
4	☐	5000.000	5112.855	1935105.38	0.4248	P	0.7
5	☐	12500.000	13336.545	4904450.07	1.1055	P	1.7
6	☐	25000.000	24597.655	8897030.23	2.0377	A	0.6
7	☐	50000.000	48818.975	16962717.22	4.0427	A	0.8
8	☐	100000.00	97192.432	32912034.41	8.0470	A	1.0
9	☐	500000.00	500677.65	165945542.6	41.4471	A	1.4

y = 8.2779E-005 * x + 0.0015
R = 1.0000
DL = 0.5938
BEC = 18.36

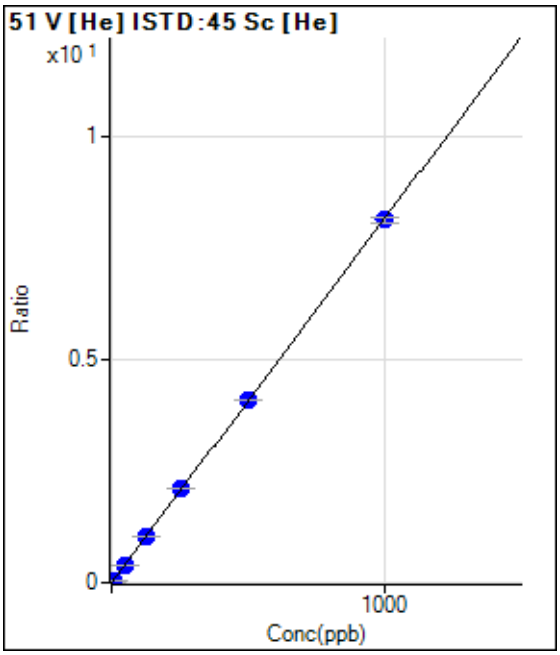
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	37.4
2	☐	0.500	0.486	577.81	0.0001	P	6.0
3	☐	5.000	5.302	5570.64	0.0013	P	6.9
4	☐	250.000	243.088	263815.48	0.0579	P	1.7
5	☐	625.000	636.644	672784.39	0.1516	P	1.2
6	☐	1250.000	1273.371	1324227.99	0.3033	P	1.4
7	☐	2500.000	2525.493	2524002.57	0.6015	P	0.3
8	☐	5000.000	4980.301	4851717.47	1.1862	P	0.4
9	☐			1372.32	0.0003	P	8.4

y = 2.3818E-004 * x + 1.2654E-005
R = 1.0000
DL = 0.05955
BEC = 0.05313

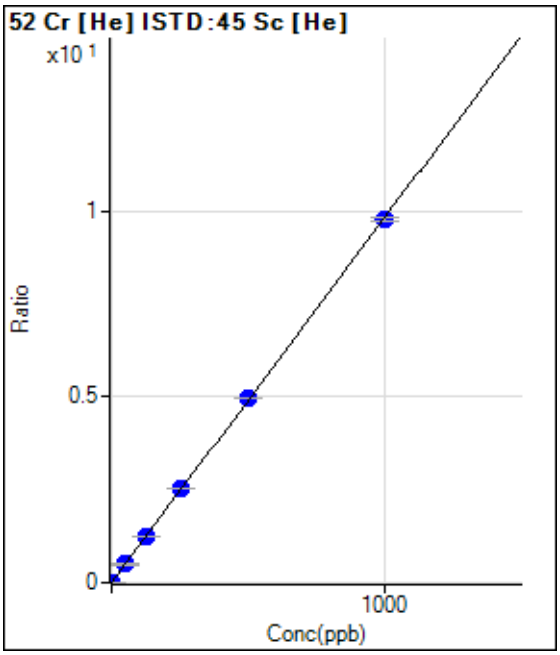
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.7
2	☐	0.500	0.471	1385.64	0.0039	P	9.0
3	☐	5.000	5.191	14697.40	0.0423	P	1.5
4	☐	50.000	49.424	139189.53	0.4024	P	1.8
5	☐	125.000	127.187	353981.66	1.0354	P	0.4
6	☐	250.000	257.455	699564.58	2.0959	P	0.4
7	☐	500.000	501.773	1319527.76	4.0848	P	0.4
8	☐	1000.000	997.004	2570183.36	8.1163	P	1.5
9	☐			912.26	0.0028	P	6.3

y = 0.0081 * x + 1.6225E-005
R = 1.0000
DL = 0.00548
BEC = 0.001993

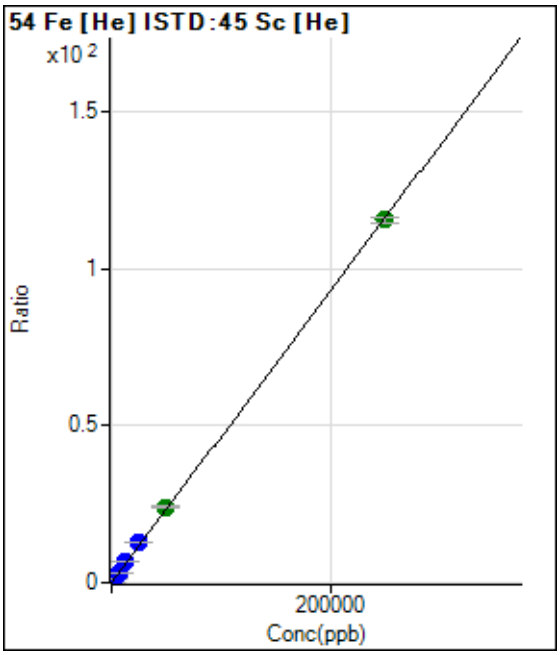
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1335.63	0.0039	P	7.5
2	☐	0.200	0.149	1927.93	0.0054	P	10.6
3	☐	2.000	2.054	8368.00	0.0241	P	0.4
4	☐	50.000	49.753	170368.21	0.4925	P	1.4
5	☐	125.000	128.062	431267.84	1.2615	P	0.2
6	☐	250.000	258.094	847259.90	2.5384	P	0.4
7	☐	500.000	505.924	1606150.10	4.9720	P	0.2
8	☐	1000.000	994.644	3094312.91	9.7713	P	1.1
9	☐			12752.27	0.0390	P	1.1

y = 0.0098 * x + 0.0039
R = 0.9999
DL = 0.0894
BEC = 0.3976

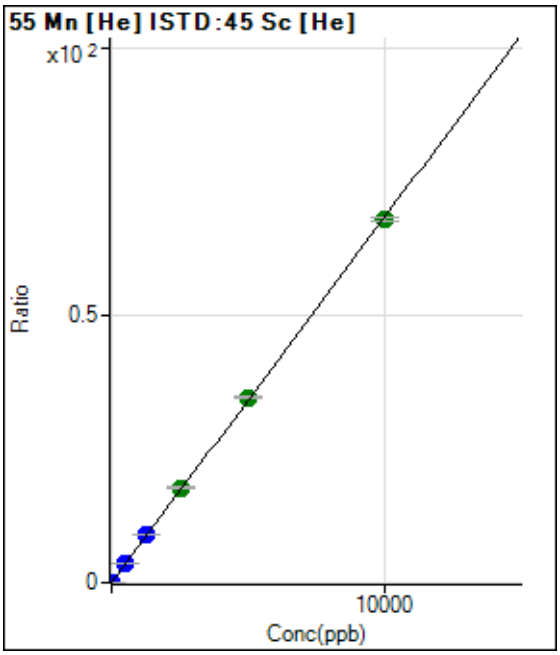
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1131.21	0.0033	P	13.4
2	☐	5.000	4.904	2008.88	0.0056	P	13.3
3	☐	50.000	57.665	10434.44	0.0300	P	1.0
4	☐	2500.000	2743.367	440689.63	1.2739	P	1.2
5	☐	6250.000	7107.510	1126520.97	3.2951	P	0.7
6	☐	12500.000	14356.934	2220494.43	6.6526	P	0.4
7	☐	25000.000	27858.954	4169072.52	12.9059	P	0.2
8	☐	50000.000	52076.144	7639188.71	24.1219	A	0.4
9	☐	250000.00	249182.15	37741426.35	115.4096	A	1.4

y = 4.6314E-004 * x + 0.0033
R = 0.9999
DL = 2.865
BEC = 7.142

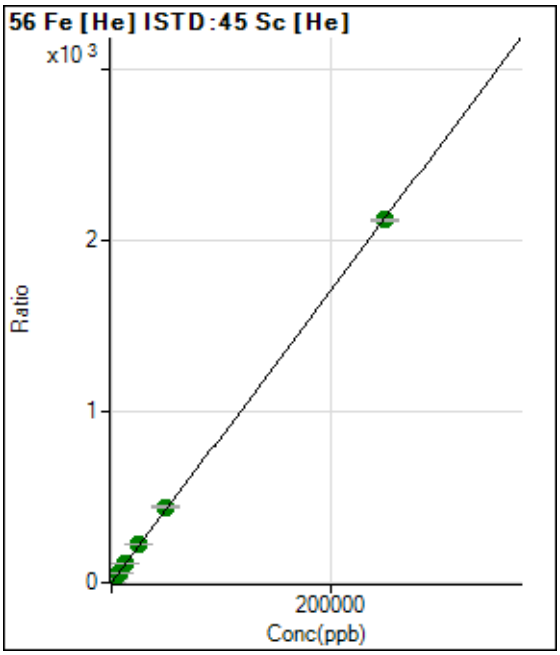
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0003	P	18.4
2	☐	0.100	0.117	401.12	0.0011	P	7.6
3	☐	1.000	1.083	2680.27	0.0077	P	4.3
4	☐	500.000	508.042	1200003.71	3.4687	P	1.0
5	☐	1250.000	1306.717	3049988.39	8.9213	P	0.3
6	☐	2500.000	2593.326	5909257.48	17.7050	A	1.2
7	☐	5000.000	5074.386	11190948.86	34.6432	A	0.9
8	☐	10000.000	9931.983	21473826.63	67.8061	A	0.9
9	☐			16916.47	0.0517	P	1.4

y = 0.0068 * x + 3.1517E-004
R = 0.9999
DL = 0.02543
BEC = 0.04617

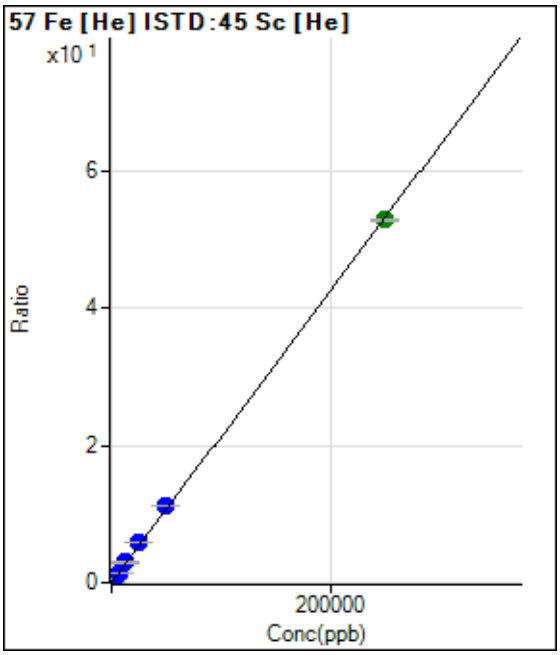
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5717.86	0.0167	P	1.3
2	☐	5.000	4.979	21172.88	0.0590	P	11.7
3	☐	50.000	56.289	171845.84	0.4943	P	0.3
4	☐	2500.000	2577.790	7571976.44	21.8884	A	1.6
5	☐	6250.000	6666.960	19344667.33	56.5836	A	0.3
6	☐	12500.000	13390.945	37929470.75	113.6344	A	0.5
7	☐	25000.000	26467.433	72547994.21	224.5840	A	0.5
8	☐	50000.000	51893.252	139439237.3	440.3136	A	1.3
9	☐	250000.00	249418.85	692115208.0	2,116.252	A	0.7

y = 0.0085 * x + 0.0167
R = 1.0000
DL = 0.07683
BEC = 1.97

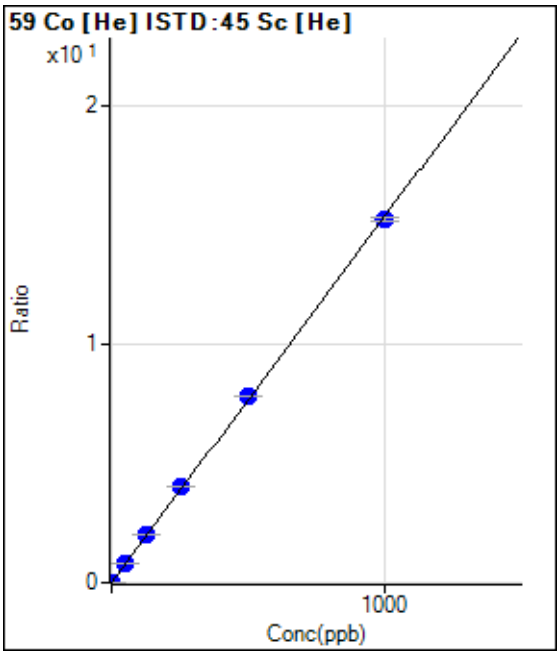
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	164.82	0.0005	P	8.7
2	☐	5.000	4.884	544.47	0.0015	P	12.7
3	☐	50.000	57.518	4406.28	0.0127	P	2.6
4	☐	2500.000	2677.677	196534.35	0.5681	P	1.5
5	☐	6250.000	6933.678	502680.72	1.4703	P	0.7
6	☐	12500.000	13868.688	981462.91	2.9405	P	0.5
7	☐	25000.000	27168.508	1860613.97	5.7599	P	0.7
8	☐	50000.000	53214.853	3572672.76	11.2814	P	0.5
9	☐	250000.00	249052.87	17267318.33	52.7965	A	0.5

y = 2.1199E-004 * x + 4.8190E-004
R = 0.9999
DL = 0.5918
BEC = 2.273

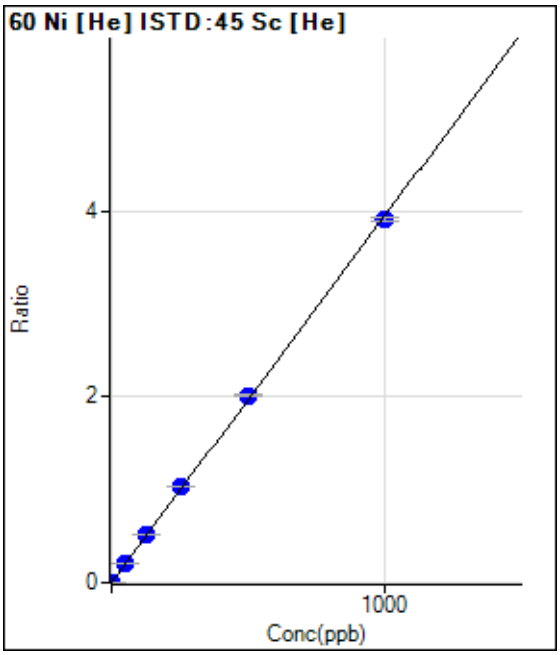
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.22	0.0005	P	2.1
2	☐	0.100	0.091	681.14	0.0019	P	11.3
3	☐	1.000	1.094	6021.29	0.0173	P	2.8
4	☐	50.000	50.793	270193.15	0.7810	P	1.4
5	☐	125.000	129.991	683091.87	1.9981	P	0.2
6	☐	250.000	262.030	1344140.22	4.0271	P	0.6
7	☐	500.000	510.094	2532280.01	7.8390	P	0.4
8	☐	1000.000	991.282	4824040.31	15.2334	P	1.1
9	☐			8017.81	0.0245	P	1.2

y = 0.0154 * x + 5.0349E-004
R = 0.9998
DL = 0.002073
BEC = 0.03276

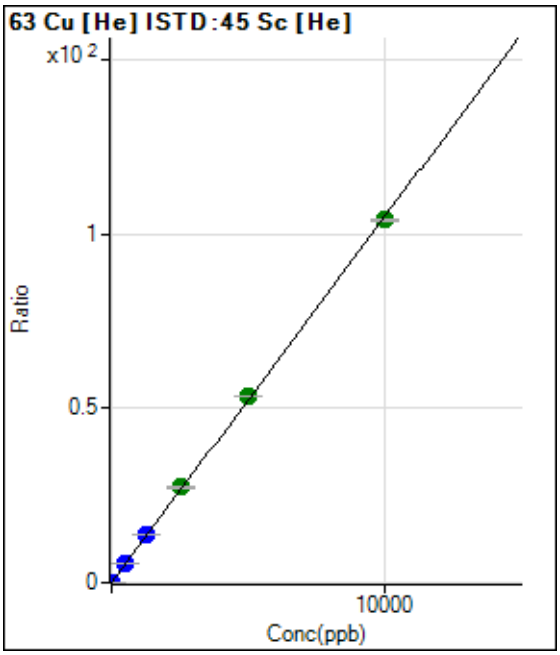
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0004	P	18.7
2	☐	0.100	0.096	271.12	0.0008	P	10.1
3	☐	1.000	1.147	1701.23	0.0049	P	1.3
4	☐	50.000	51.887	70864.42	0.2048	P	1.4
5	☐	125.000	131.496	177273.57	0.5185	P	0.5
6	☐	250.000	263.247	346346.28	1.0377	P	1.2
7	☐	500.000	511.145	650764.00	2.0145	P	0.5
8	☐	1000.000	990.209	1235763.51	3.9023	P	1.2
9	☐			3793.86	0.0116	P	4.4

y = 0.0039 * x + 3.7367E-004
R = 0.9998
DL = 0.0533
BEC = 0.09483

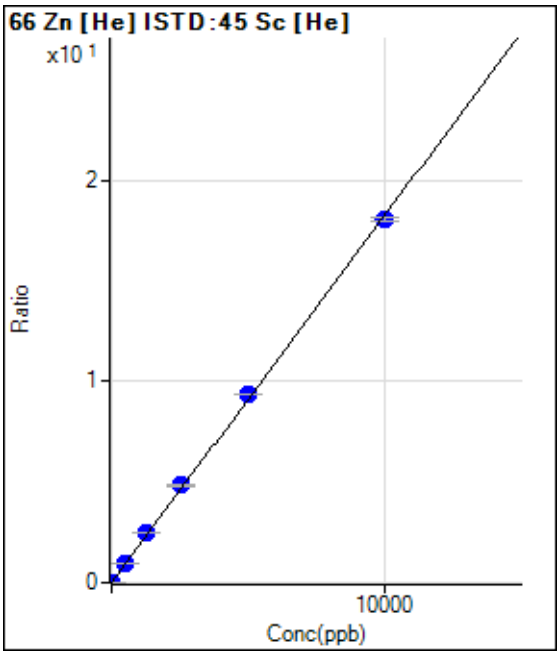
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	810.03	0.0024	P	11.3
2	☐	0.200	0.154	1431.20	0.0040	P	10.9
3	☐	2.000	1.974	8025.61	0.0231	P	3.3
4	☐	500.000	510.689	1854645.09	5.3609	P	0.6
5	☐	1250.000	1303.107	4675341.94	13.6755	P	0.2
6	☐	2500.000	2603.323	9118351.81	27.3183	A	1.1
7	☐	5000.000	5088.731	17249242.80	53.3969	A	0.5
8	☐	10000.000	9922.631	32972554.51	104.1176	A	0.7
9	☐			16433.77	0.0503	P	2.0

y = 0.0105 * x + 0.0024
R = 0.9999
DL = 0.0766
BEC = 0.2257

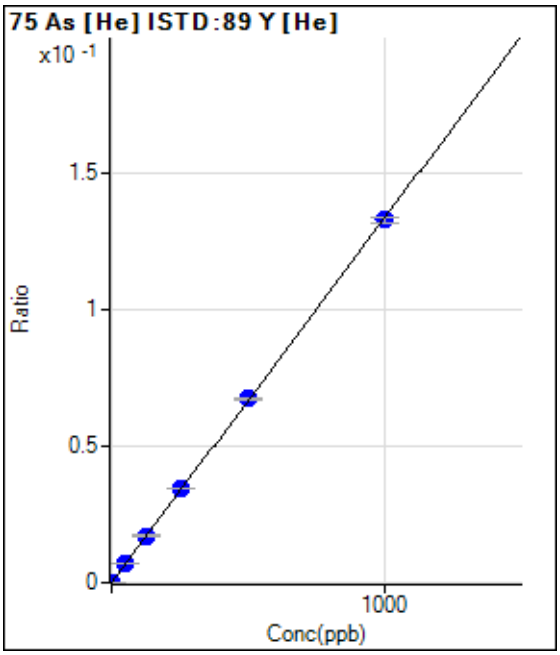
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	598.91	0.0018	P	16.0
2	☑	0.200					
3	☐	2.000	2.124	1956.82	0.0056	P	5.1
4	☐	500.000	523.102	331004.95	0.9568	P	0.7
5	☐	1250.000	1342.730	838663.46	2.4531	P	0.4
6	☐	2500.000	2649.182	1614851.73	4.8383	P	0.9
7	☐	5000.000	5125.053	3023073.56	9.3584	P	0.5
8	☐	10000.000	9887.431	5716984.85	18.0529	P	0.9
9	☐			15409.29	0.0471	P	1.0

y = 0.0018 * x + 0.0018
R = 0.9997
DL = 0.4599
BEC = 0.9592

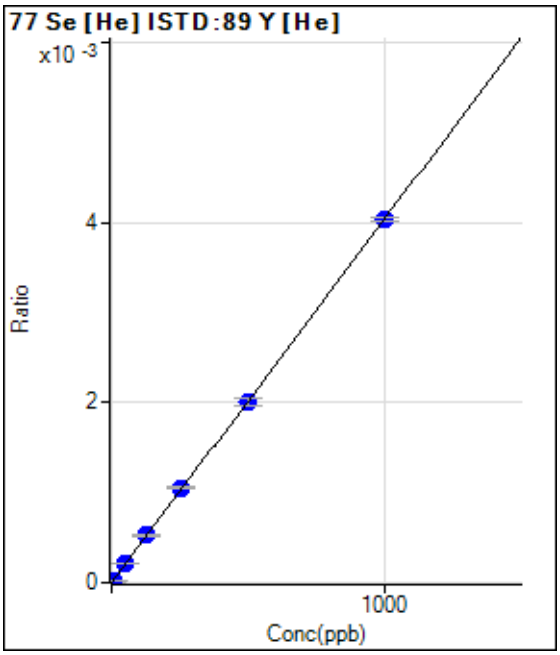
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.17	0.0000	P	45.7
2	☐	0.100	0.087	41.36	0.0000	P	19.4
3	☐	1.000	1.041	405.56	0.0001	P	4.7
4	☐	50.000	50.544	19348.07	0.0067	P	0.3
5	☐	125.000	129.233	48626.38	0.0173	P	0.3
6	☐	250.000	258.527	95958.76	0.0345	P	0.4
7	☐	500.000	503.888	182245.18	0.0673	P	0.5
8	☐	1000.000	995.368	352294.71	0.1329	P	1.5
9	☐			178.40	0.0001	P	18.5

y = 1.3348E-004 * x + 2.2010E-006
R = 0.9999
DL = 0.02261
BEC = 0.01649

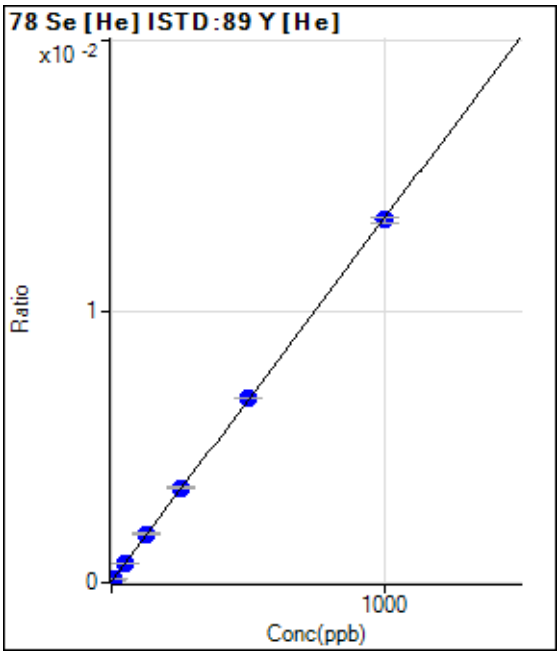
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500	0.529	8.89	0.0000	P	52.8
3	☐	5.000	6.799	81.11	0.0000	P	16.6
4	☐	50.000	53.092	616.69	0.0002	P	2.5
5	☐	125.000	130.585	1487.87	0.0005	P	4.1
6	☐	250.000	260.666	2928.10	0.0011	P	1.6
7	☐	500.000	496.892	5437.74	0.0020	P	4.3
8	☐	1000.000	998.026	10685.12	0.0040	P	1.0
9	☐			2.22	0.0000	P	86.6

y = 4.0369E-006 * x + 7.9240E-007
R = 0.9999
DL = 0.51
BEC = 0.1963

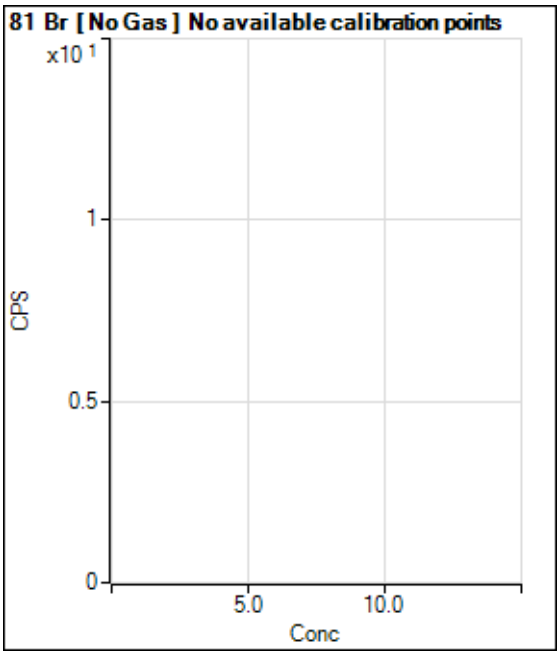
Weight: <None>
Min Conc: 0



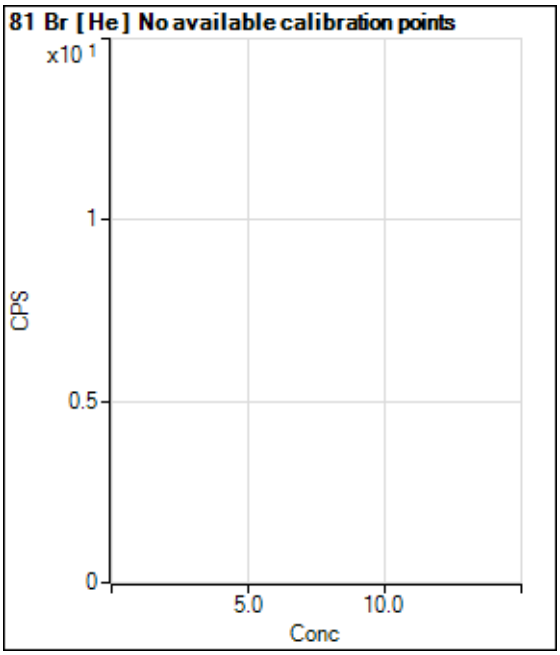
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	109.88	0.0000	P	9.2
2	☐	0.500	0.396	131.48	0.0000	P	19.9
3	☐	5.000	5.420	321.61	0.0001	P	4.0
4	☐	50.000	49.880	2032.25	0.0007	P	2.4
5	☐	125.000	130.992	5067.57	0.0018	P	1.6
6	☐	250.000	257.778	9732.31	0.0035	P	2.4
7	☐	500.000	504.167	18446.90	0.0068	P	0.5
8	☐	1000.000	995.227	35533.39	0.0134	P	1.7
9	☐			124.69	0.0000	P	10.3

y = 1.3427E-005 * x + 3.9185E-005
R = 0.9999
DL = 0.8014
BEC = 2.918

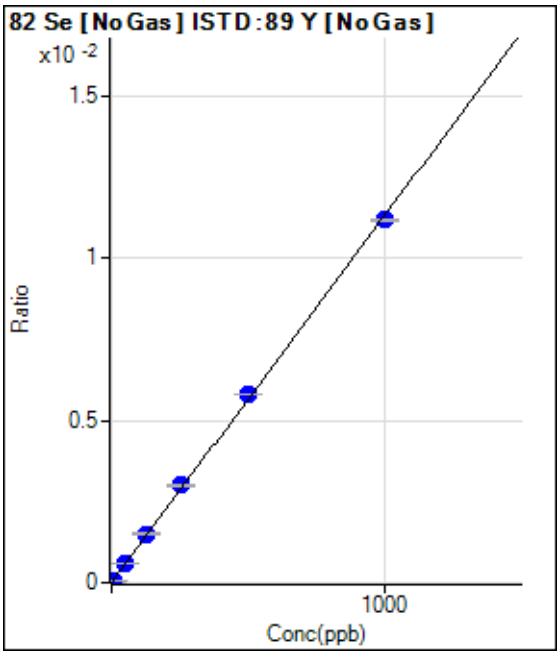
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8055.22		P	2.3
2	☐			8269.22		P	2.1
3	☐			8283.09		P	3.0
4	☐			8224.80		P	2.9
5	☐			8160.84		P	2.3
6	☐			8449.89		P	4.1
7	☐			7921.81		P	2.2
8	☐			7985.74		P	1.2
9	☐			7591.09		P	1.6



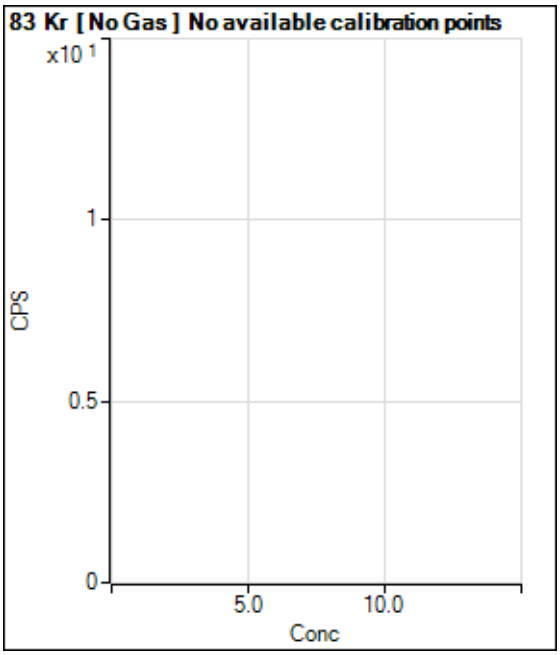
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			53.39		P	39.0
2	☐			80.08		P	33.1
3	☐			100.10		P	81.9
4	☐			66.73		P	22.9
5	☐			83.42		P	18.3
6	☐			76.74		P	58.8
7	☐			80.08		P	25.0
8	☐			76.74		P	39.8
9	☐			70.07		P	28.6



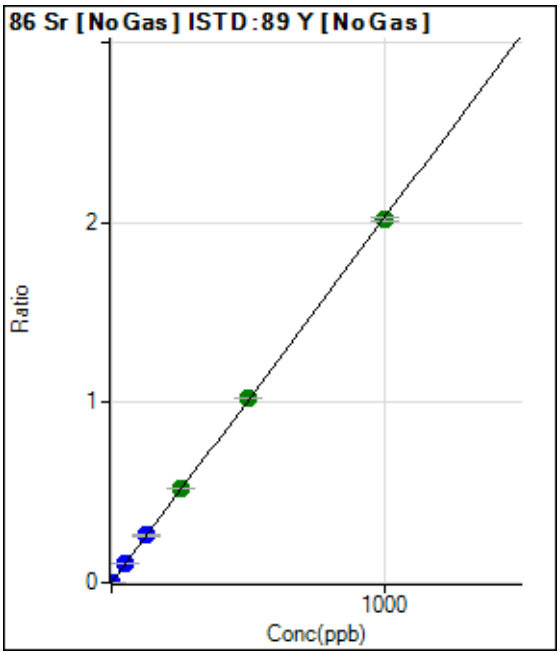
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.78	0.0000	P	82.7
2	☐	0.500	0.429	143.75	0.0000	P	37.2
3	☐	5.000	4.636	720.85	0.0001	P	21.7
4	☐	50.000	51.311	7311.88	0.0006	P	2.3
5	☐	125.000	132.251	18444.55	0.0015	P	1.5
6	☐	250.000	264.829	36274.29	0.0030	P	2.1
7	☐	500.000	512.823	69034.86	0.0058	P	0.4
8	☐	1000.000	988.911	132290.70	0.0112	P	0.5
9	☐			8.80	0.0000	P	952.

y = 1.1303E-005 * x + 6.7433E-006
R = 0.9997
DL = 1.479
BEC = 0.5966

Weight: <None>
Min Conc: 0



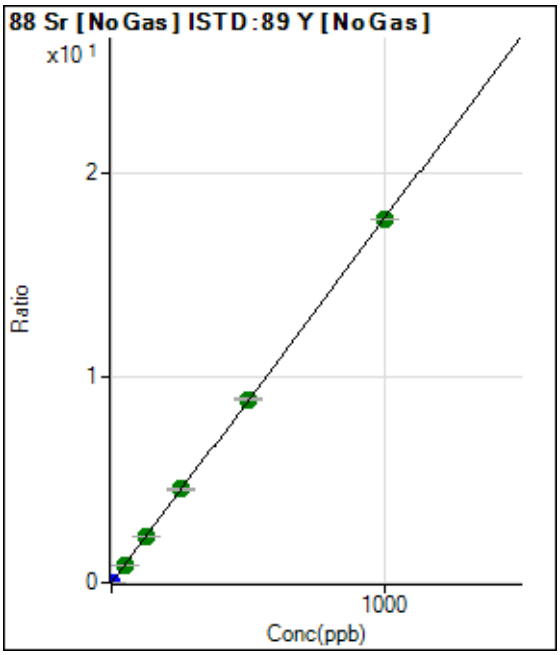
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1034.49		P	2.2
2	☐			1023.38		P	6.4
3	☐			1116.72		P	8.3
4	☐			1041.16		P	8.0
5	☐			1072.27		P	7.0
6	☐			1064.50		P	3.0
7	☐			1000.05		P	4.5
8	☐			1000.05		P	5.5
9	☐			1008.94		P	10.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1625.13	0.0001	P	5.0
2	☐	0.100	0.014	2036.31	0.0002	P	1.3
3	☐	1.000	0.121	4603.63	0.0004	P	4.1
4	☐	50.000	50.221	1270775.37	0.1020	P	0.8
5	☐	125.000	129.740	3233272.27	0.2632	P	1.2
6	☐	250.000	257.924	6325986.08	0.5232	A	1.2
7	☐	500.000	506.538	12220956.35	1.0273	A	0.4
8	☐	1000.000	994.148	23845587.68	2.0161	A	1.2
9	☐			11060.08	0.0010	P	3.7

y = 0.0020 * x + 1.3500E-004
R = 0.9999
DL = 0.009988
BEC = 0.06657

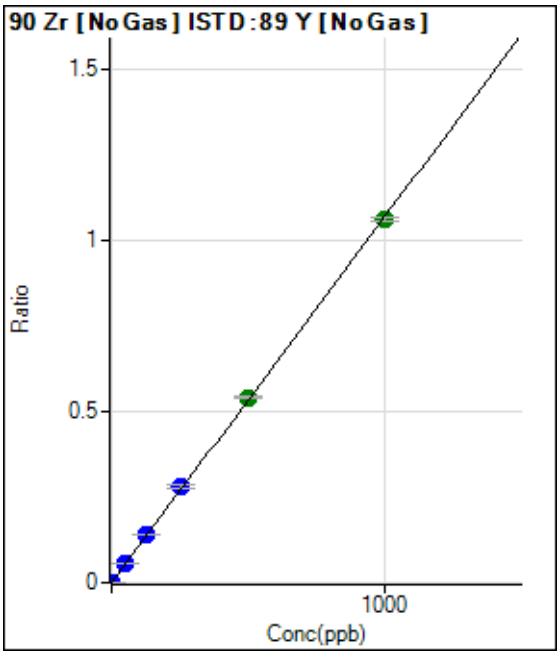
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	7.7
2	☐	0.100	0.010	2419.71	0.0002	P	4.5
3	☐	1.000	0.105	22796.29	0.0019	P	2.4
4	☐	50.000	49.353	10917418.56	0.8761	A	1.2
5	☐	125.000	126.965	27684208.95	2.2538	A	1.8
6	☐	250.000	256.228	54994456.79	4.5484	A	2.1
7	☐	500.000	504.201	106473555.1	8.9503	A	0.3
8	☐	1000.000	996.130	209152607.4	17.6829	A	0.1
9	☐			82961.10	0.0073	P	2.2

y = 0.0178 * x + 1.2921E-005
R = 1.0000
DL = 0.0001675
BEC = 0.0007279

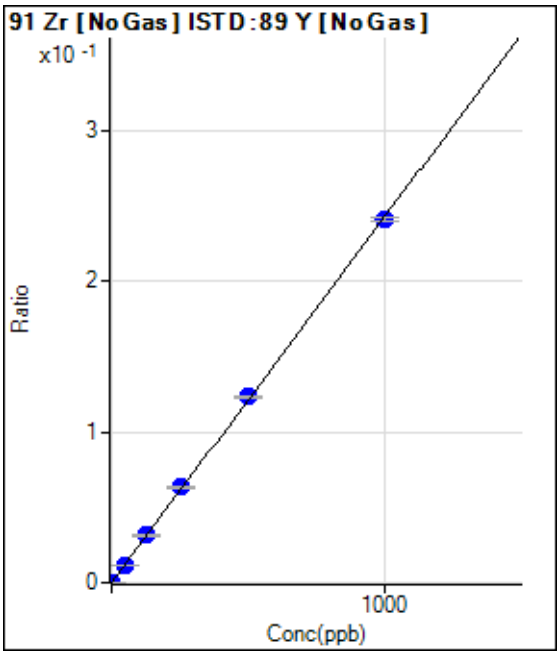
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.37	0.0001	P	14.7
2	☐	0.100	0.090	1916.84	0.0002	P	6.4
3	☐	1.000	1.010	13809.70	0.0011	P	3.1
4	☐	50.000	50.424	671881.53	0.0539	P	0.9
5	☐	125.000	131.164	1721541.34	0.1402	P	1.2
6	☐	250.000	263.305	3400946.95	0.2813	P	2.3
7	☐	500.000	506.464	6435671.41	0.5410	A	0.5
8	☐	1000.000	992.650	12540735.26	1.0603	A	1.0
9	☐			4692.56	0.0004	P	5.1

y = 0.0011 * x + 5.8816E-005
R = 0.9999
DL = 0.02421
BEC = 0.05507

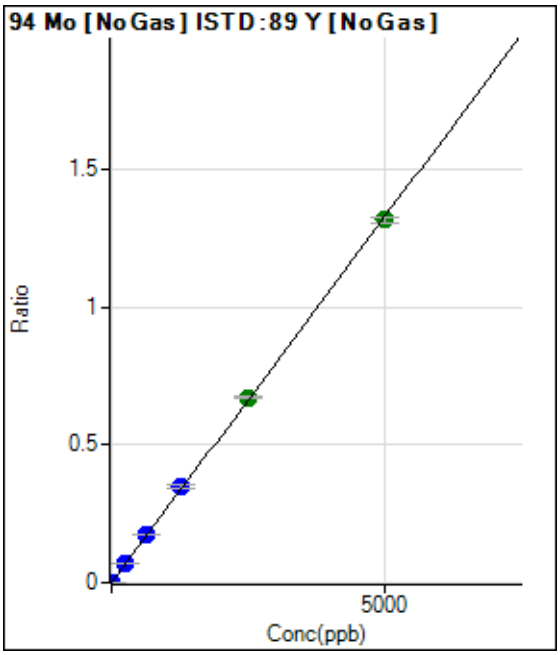
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	20.5
2	☐	0.100	0.099	433.35	0.0000	P	7.3
3	☐	1.000	1.006	3092.08	0.0003	P	2.5
4	☐	50.000	49.615	150047.33	0.0120	P	0.4
5	☐	125.000	129.205	384904.25	0.0313	P	0.9
6	☐	250.000	260.583	763982.18	0.0632	P	2.0
7	☐	500.000	509.052	1468230.14	0.1234	P	0.8
8	☐	1000.000	992.322	2845621.03	0.2406	P	1.0
9	☐			1113.96	0.0001	P	5.8

y = 2.4244E-004 * x + 1.0863E-005
R = 0.9999
DL = 0.02758
BEC = 0.04481

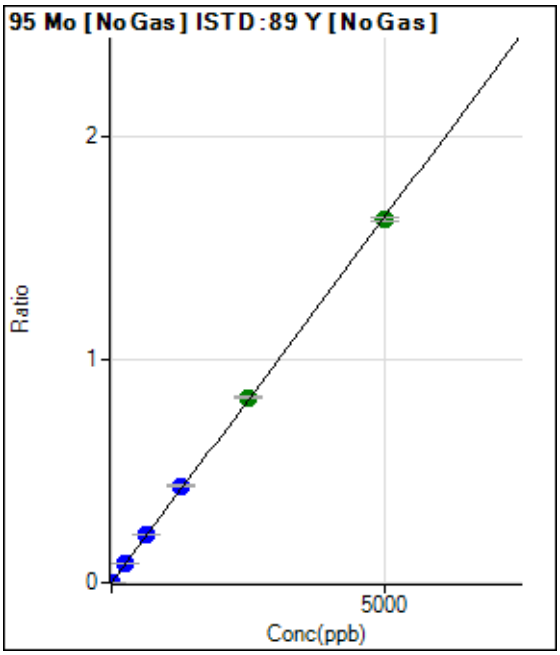
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	23.4
2	☐	0.500	0.431	1664.04	0.0001	P	5.4
3	☐	5.000	5.086	16640.55	0.0014	P	3.5
4	☐	250.000	251.654	833662.28	0.0669	P	1.2
5	☐	625.000	651.742	2127853.26	0.1732	P	1.1
6	☐	1250.000	1315.337	4226779.39	0.3496	P	2.1
7	☐	2500.000	2533.806	8010838.28	0.6734	A	0.5
8	☐	5000.000	4963.337	15601756.77	1.3191	A	1.4
9	☐			5784.65	0.0005	P	2.9

y = 2.6576E-004 * x + 1.9646E-005
R = 0.9999
DL = 0.05191
BEC = 0.07392

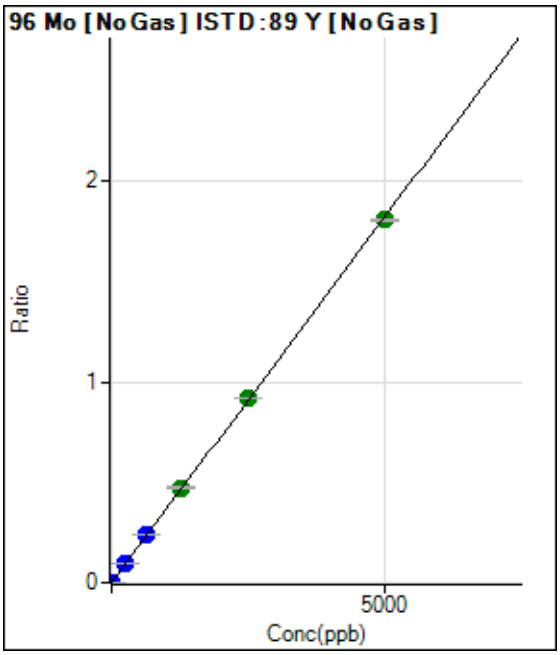
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	82.4
2	☐	0.500	0.454	1877.96	0.0002	P	2.7
3	☐	5.000	5.174	20620.90	0.0017	P	4.9
4	☐	250.000	251.683	1028708.79	0.0825	P	0.7
5	☐	625.000	650.223	2619584.83	0.2133	P	0.5
6	☐	1250.000	1317.247	5223478.03	0.4320	P	2.2
7	☐	2500.000	2532.274	9879991.54	0.8305	A	0.5
8	☐	5000.000	4963.814	19255819.70	1.6280	A	0.9
9	☐			7796.76	0.0007	P	3.7

y = 3.2798E-004 * x + 2.5283E-006
R = 0.9999
DL = 0.01906
BEC = 0.007709

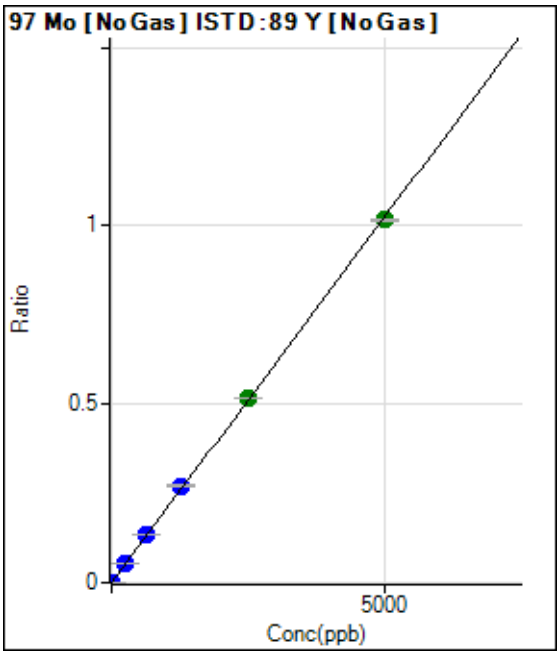
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	5.2
2	☐	0.500	0.497	2330.81	0.0002	P	7.2
3	☐	5.000	5.169	22935.59	0.0019	P	3.2
4	☐	250.000	253.678	1151812.37	0.0924	P	1.1
5	☐	625.000	655.142	2932017.62	0.2387	P	0.3
6	☐	1250.000	1302.740	5738813.54	0.4746	A	1.8
7	☐	2500.000	2533.854	10981940.09	0.9232	A	0.1
8	☐	5000.000	4965.936	21399327.04	1.8092	A	0.7
9	☐			9859.19	0.0009	P	5.3

y = 3.6433E-004 * x + 6.6916E-006
R = 0.9999
DL = 0.002859
BEC = 0.01837

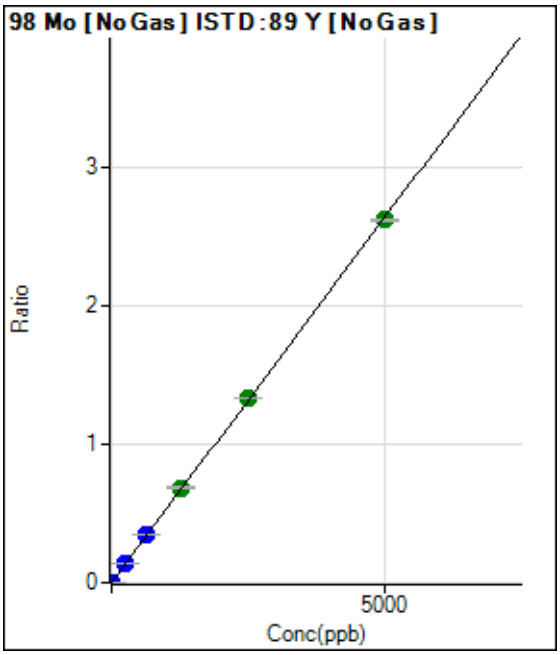
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	173.
2	☐	0.500	0.540	1386.22	0.0001	P	14.0
3	☐	5.000	5.274	13117.41	0.0011	P	5.2
4	☐	250.000	255.494	652195.88	0.0523	P	0.8
5	☐	625.000	655.897	1650320.77	0.1344	P	0.8
6	☐	1250.000	1320.849	3271262.62	0.2706	P	2.1
7	☐	2500.000	2528.709	6161817.54	0.5180	A	0.2
8	☐	5000.000	4963.796	12026312.33	1.0168	A	0.3
9	☐			4631.44	0.0004	P	1.2

y = 2.0484E-004 * x + 1.1656E-006
R = 0.9999
DL = 0.02957
BEC = 0.00569

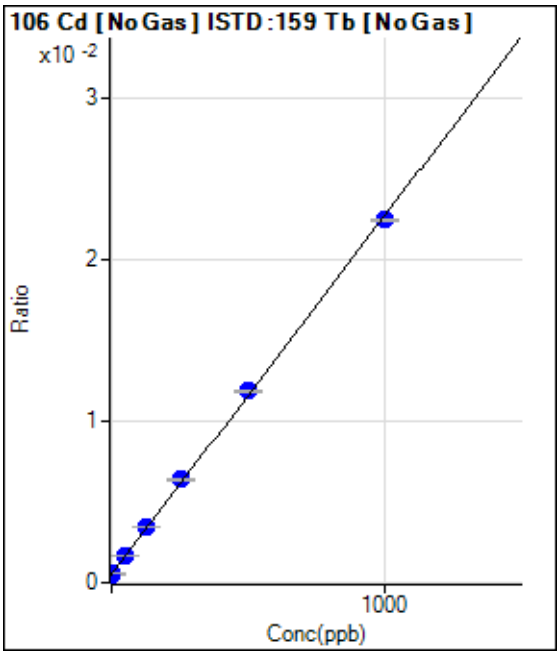
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	65.8
2	☐	0.500	0.500	3308.82	0.0003	P	17.1
3	☐	5.000	5.288	33893.32	0.0028	P	4.3
4	☐	250.000	256.139	1684774.97	0.1352	P	1.4
5	☐	625.000	656.903	4259176.35	0.3467	P	1.1
6	☐	1250.000	1298.167	8285052.79	0.6852	A	1.9
7	☐	2500.000	2526.841	15866409.21	1.3338	A	0.4
8	☐	5000.000	4970.243	31030250.00	2.6235	A	0.7
9	☐			11963.61	0.0011	P	7.1

y = 5.2784E-004 * x + 2.7661E-006
R = 0.9999
DL = 0.01035
BEC = 0.00524

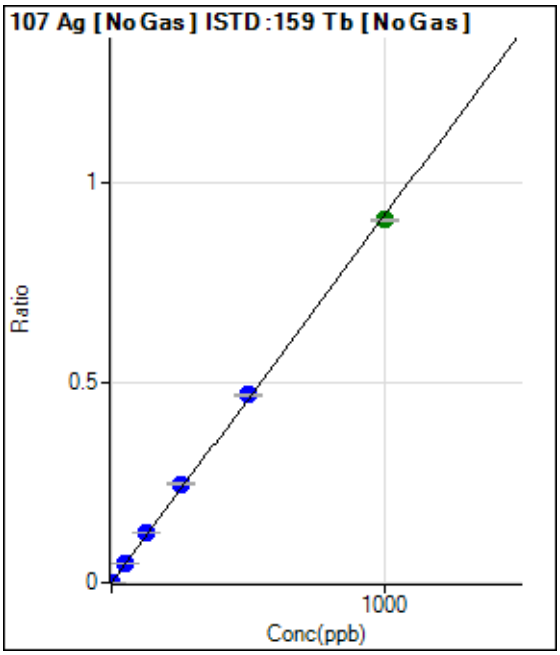
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5726.30	0.0005	P	4.1
2	☐	0.100	0.556	6037.58	0.0005	P	3.0
3	☐	1.000	2.177	6251.54	0.0006	P	3.8
4	☐	50.000	52.130	19199.43	0.0017	P	1.9
5	☐	125.000	132.779	39332.79	0.0035	P	2.2
6	☐	250.000	266.062	72158.23	0.0064	P	1.6
7	☐	500.000	511.502	132160.90	0.0119	P	1.3
8	☐	1000.000	989.153	246996.63	0.0225	P	0.5
9	☐			5798.58	0.0005	P	6.0

y = 2.2201E-005 * x + 5.1609E-004
R = 0.9998
DL = 2.886
BEC = 23.25

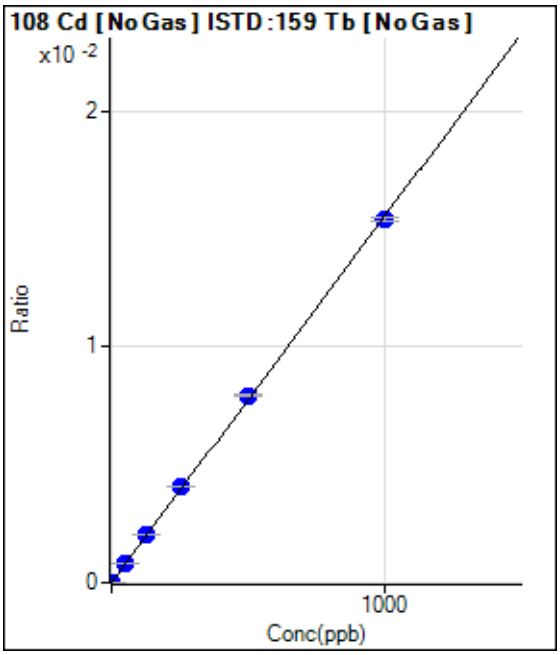
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	77.4
2	☐	0.100	0.102	1158.42	0.0001	P	5.3
3	☐	1.000	1.096	11246.36	0.0010	P	4.1
4	☐	50.000	52.865	557938.34	0.0486	P	0.5
5	☐	125.000	135.698	1417257.57	0.1248	P	0.7
6	☐	250.000	268.741	2776858.72	0.2472	P	1.2
7	☐	500.000	511.426	5236607.49	0.4704	P	0.4
8	☐	1000.000	988.121	9986983.04	0.9088	A	0.3
9	☐			3519.99	0.0003	P	3.3

y = 9.1973E-004 * x + 7.2624E-006
R = 0.9997
DL = 0.01834
BEC = 0.007896

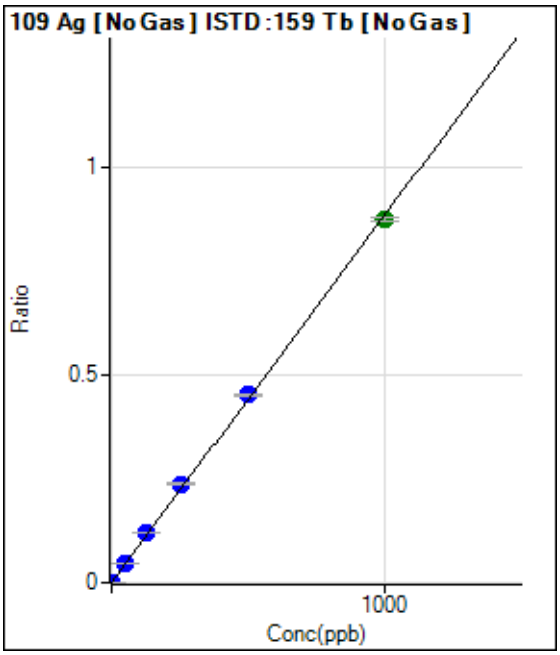
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.50	0.0000	P	23.6
2	☐	0.100	0.061	75.00	0.0000	P	39.5
3	☐	1.000	0.964	227.78	0.0000	P	9.6
4	☐	50.000	52.936	9490.77	0.0008	P	2.1
5	☐	125.000	131.939	23313.66	0.0021	P	1.4
6	☐	250.000	262.385	45809.63	0.0041	P	0.9
7	☐	500.000	509.759	88130.44	0.0079	P	1.1
8	☐	1000.000	991.010	169063.71	0.0154	P	1.0
9	☐			208.34	0.0000	P	25.3

y = 1.5519E-005 * x + 5.6278E-006
R = 0.9998
DL = 0.2565
BEC = 0.3626

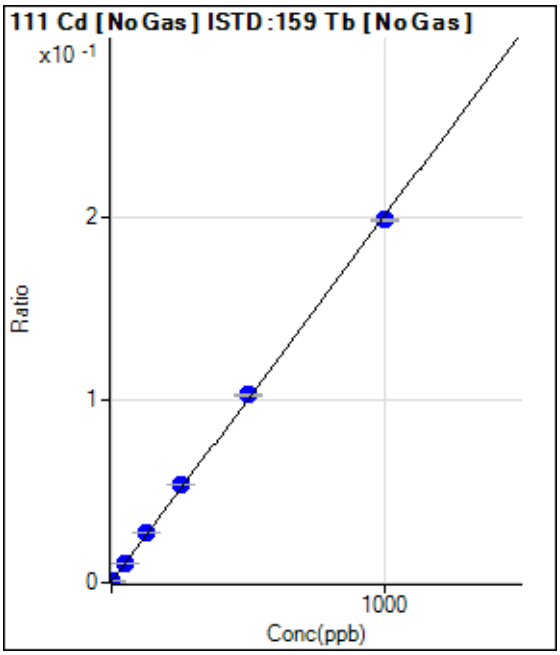
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.4
2	☐	0.100	0.103	1075.07	0.0001	P	12.9
3	☐	1.000	1.056	10362.40	0.0009	P	6.3
4	☐	50.000	52.467	532136.04	0.0464	P	0.5
5	☐	125.000	135.245	1357485.26	0.1195	P	1.0
6	☐	250.000	268.579	2667088.06	0.2374	P	1.5
7	☐	500.000	511.918	5037297.68	0.4525	P	1.1
8	☐	1000.000	987.992	9596850.30	0.8733	A	0.9
9	☐			3119.90	0.0003	P	6.6

y = 8.8393E-004 * x + 2.7487E-006
R = 0.9997
DL = 0.005259
BEC = 0.00311

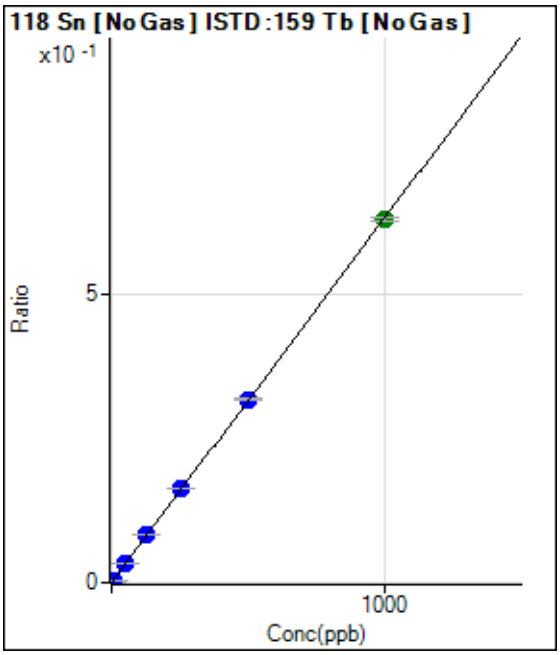
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3996.60	0.0004	P	4.5
2	☐	0.100	0.133	4421.04	0.0004	P	2.3
3	☐	1.000	1.162	6566.85	0.0006	P	2.6
4	☐	50.000	51.577	122646.86	0.0107	P	0.6
5	☐	125.000	132.889	306291.77	0.0270	P	0.4
6	☐	250.000	265.485	601372.74	0.0535	P	1.3
7	☐	500.000	511.188	1143688.12	0.1027	P	1.1
8	☐	1000.000	989.470	2181579.76	0.1985	P	0.5
9	☐			4821.55	0.0005	P	5.1

y = 2.0027E-004 * x + 3.6020E-004
R = 0.9998
DL = 0.2431
BEC = 1.799

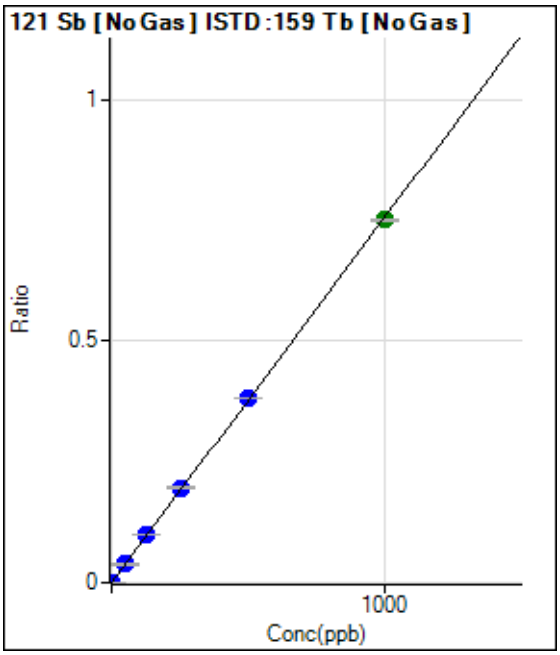
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1252.87	0.0001	P	11.4
2	☐	0.500	0.471	4689.79	0.0004	P	3.2
3	☐	5.000	5.185	37531.01	0.0034	P	4.2
4	☐	50.000	50.415	366848.10	0.0320	P	0.4
5	☐	125.000	130.251	935949.86	0.0824	P	0.8
6	☐	250.000	258.164	1834087.28	0.1633	P	1.8
7	☐	500.000	503.361	3542565.96	0.3182	P	0.5
8	☐	1000.000	995.600	6915182.10	0.6293	A	1.1
9	☐			4342.44	0.0004	P	3.2

y = 6.3196E-004 * x + 1.1295E-004
R = 0.9999
DL = 0.06135
BEC = 0.1787

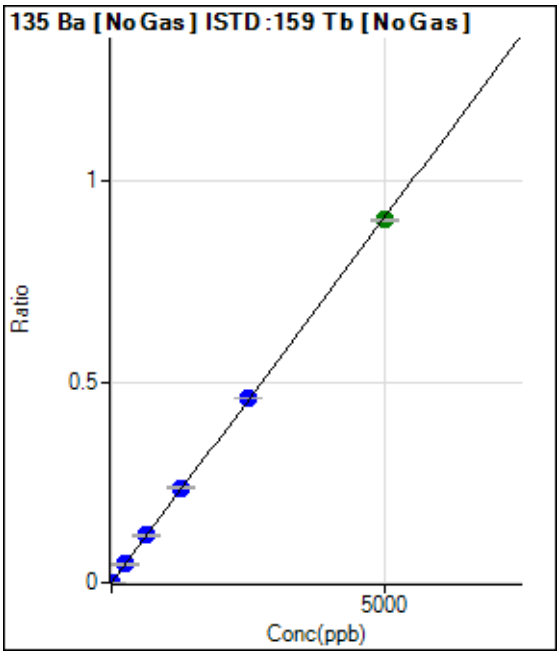
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	22.0
2	☐	0.200	0.192	1702.93	0.0001	P	10.9
3	☐	2.000	2.125	17806.13	0.0016	P	4.8
4	☐	50.000	50.120	434261.52	0.0378	P	0.7
5	☐	125.000	130.125	1115748.27	0.0983	P	1.0
6	☐	250.000	259.835	2204152.91	0.1962	P	1.9
7	☐	500.000	505.775	4251637.29	0.3819	P	0.6
8	☐	1000.000	994.007	8248062.34	0.7506	A	0.6
9	☐			5717.98	0.0005	P	6.0

y = 7.5510E-004 * x + 4.0070E-006
R = 0.9999
DL = 0.003496
BEC = 0.005307

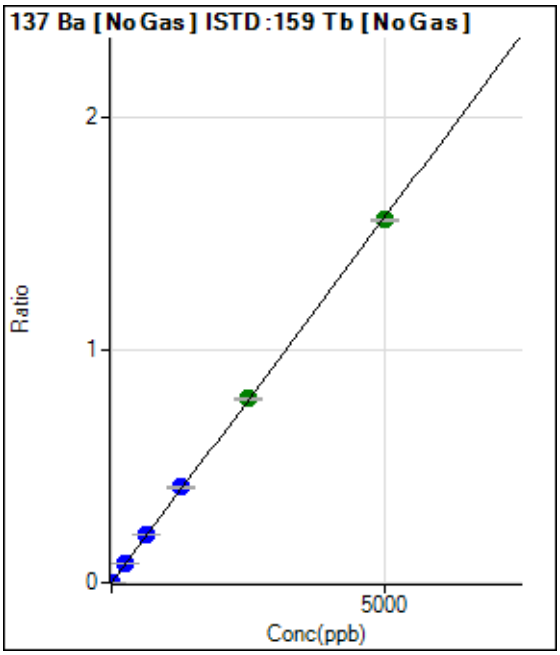
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	26.9
2	☐	1.000	1.013	2141.89	0.0002	P	3.9
3	☐	10.000	10.526	21227.75	0.0019	P	3.1
4	☐	250.000	250.544	522558.36	0.0455	P	1.4
5	☐	625.000	648.711	1339034.66	0.1179	P	1.1
6	☐	1250.000	1299.172	2653126.34	0.2362	P	1.5
7	☐	2500.000	2530.061	5120051.24	0.4599	P	0.4
8	☐	5000.000	4969.684	9927349.79	0.9034	A	0.4
9	☐			4314.67	0.0004	P	4.8

y = 1.8178E-004 * x + 3.2564E-006
R = 0.9999
DL = 0.01448
BEC = 0.01791

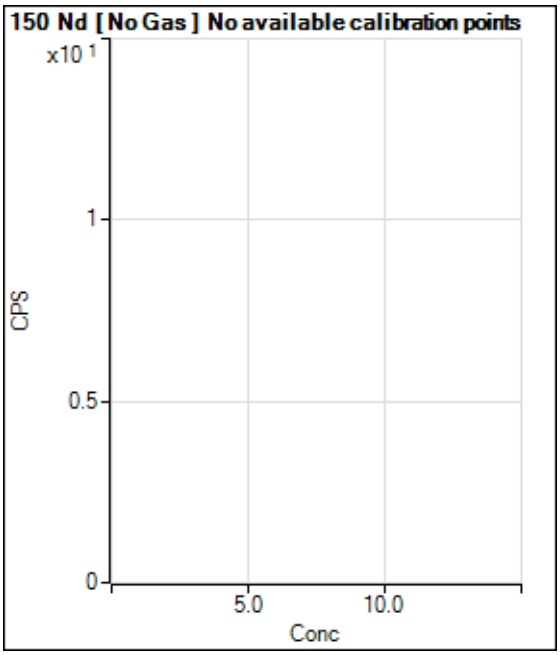
Weight: <None>
Min Conc: 0



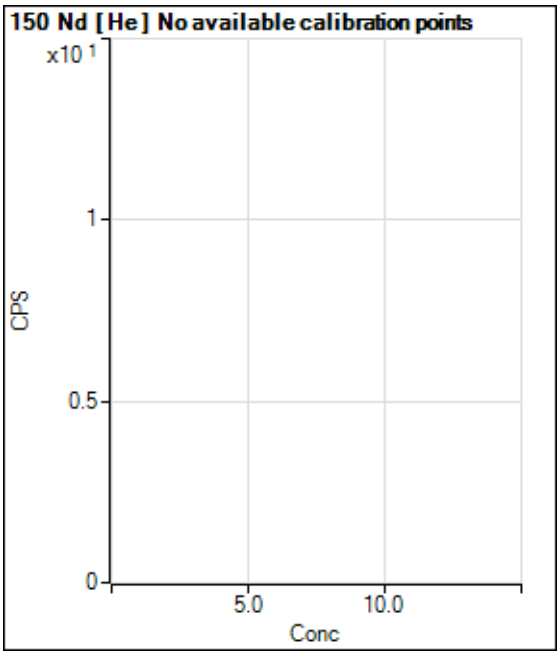
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	11.5
2	☐	1.000	1.031	3739.50	0.0003	P	5.3
3	☐	10.000	10.587	36804.89	0.0033	P	2.5
4	☐	250.000	252.414	907926.33	0.0791	P	0.2
5	☐	625.000	654.596	2330139.07	0.2052	P	1.0
6	☐	1250.000	1312.165	4621113.25	0.4113	P	1.6
7	☐	2500.000	2523.545	8806772.33	0.7911	A	0.8
8	☐	5000.000	4968.865	17117146.39	1.5577	A	0.4
9	☐			7488.33	0.0007	P	2.5

y = 3.1348E-004 * x + 4.0071E-006
R = 0.9999
DL = 0.004401
BEC = 0.01278

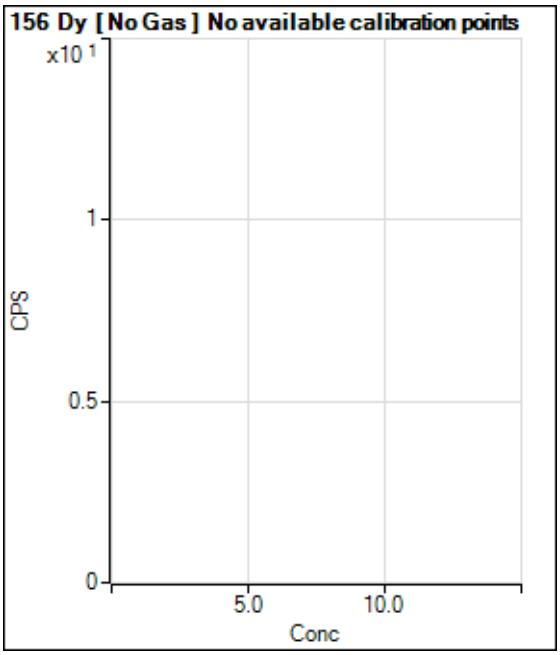
Weight: <None>
Min Conc: 0



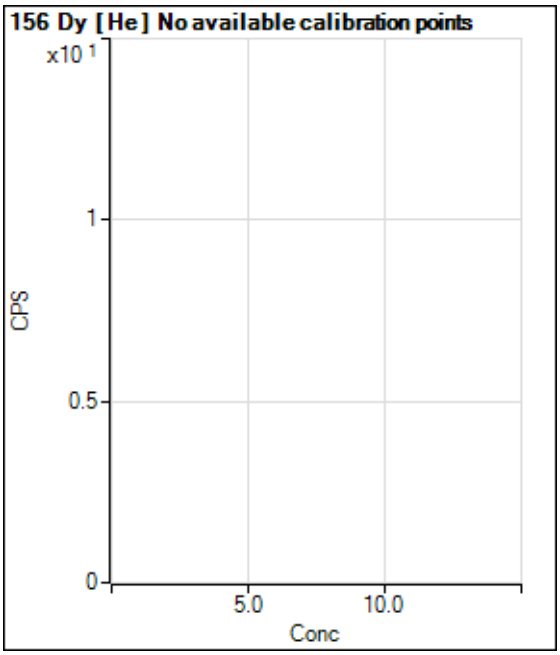
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			4.44		P	173.
4	☐			33.33		P	40.0
5	☐			128.89		P	18.2
6	☐			262.23		P	14.9
7	☐			453.35		P	23.1
8	☐			820.04		P	6.1
9	☐			71.11		P	19.5



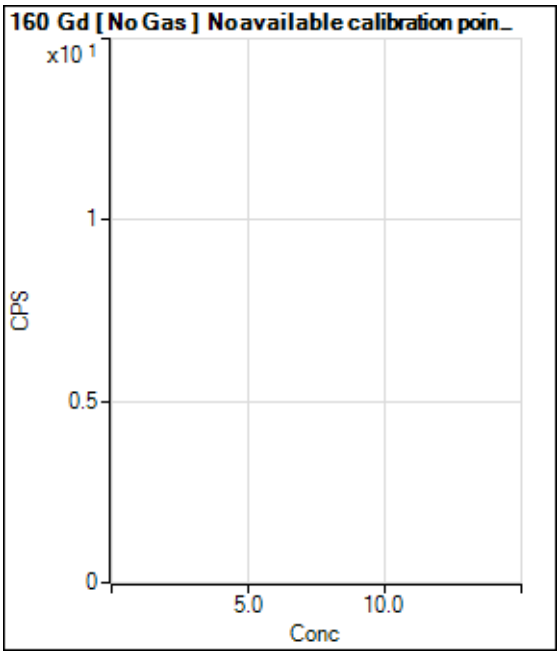
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			3.33		P	100.
4	☐			4.44		P	114.
5	☐			17.78		P	28.6
6	☐			35.56		P	14.3
7	☐			68.89		P	10.1
8	☐			134.45		P	3.8
9	☐			41.11		P	24.8



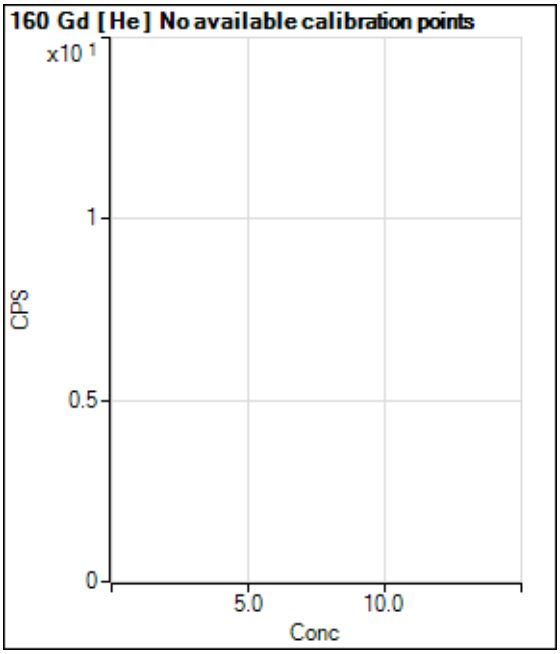
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	173.
2	☐			2.78		P	173.
3	☐			0.00		P	
4	☐			58.34		P	42.9
5	☐			77.78		P	37.6
6	☐			152.78		P	6.3
7	☐			247.23		P	5.1
8	☐			713.93		P	19.9
9	☐			2483.63		P	6.5



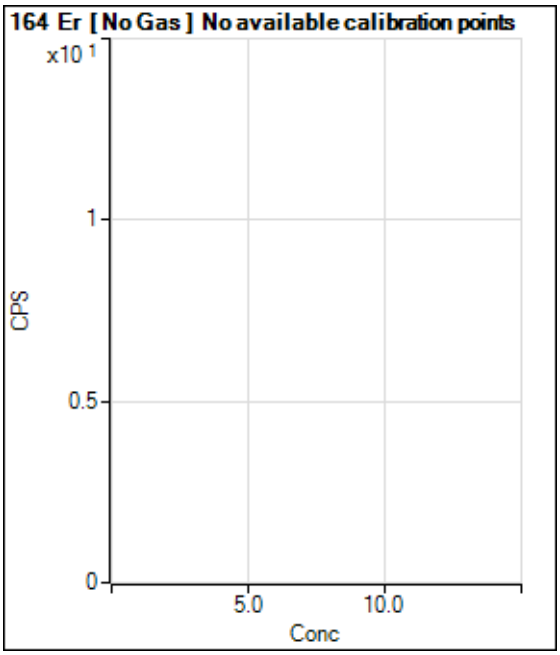
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			31.11		P	16.4
5	☐			53.33		P	16.5
6	☐			130.00		P	11.2
7	☐			221.11		P	9.1
8	☐			427.79		P	5.2
9	☐			1660.12		P	6.6



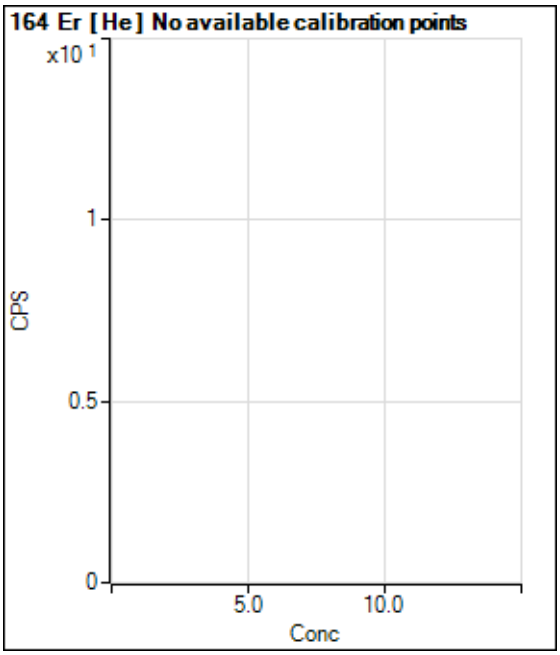
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			94.45		P	28.4
2	☐			88.89		P	32.9
3	☐			75.00		P	48.4
4	☐			100.00		P	30.0
5	☐			105.56		P	38.9
6	☐			205.56		P	27.6
7	☐			361.12		P	10.9
8	☐			675.04		P	8.1
9	☐			2794.82		P	0.5



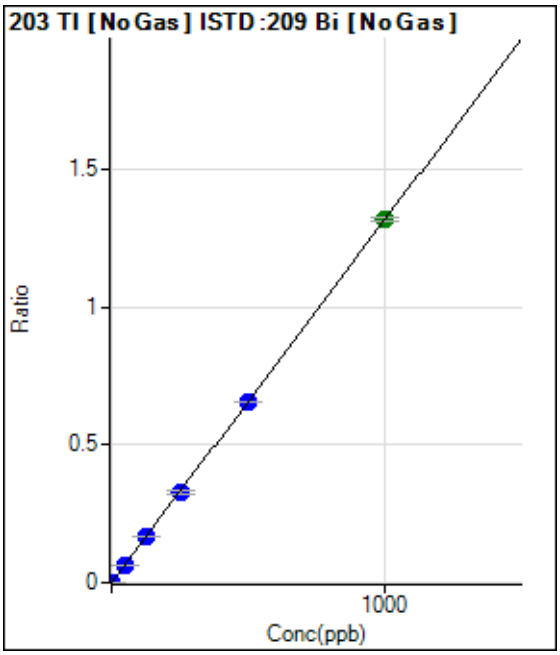
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			126.67		P	26.7
2	☐			114.45		P	19.8
3	☐			111.11		P	17.1
4	☐			131.12		P	10.3
5	☐			170.00		P	17.4
6	☐			241.12		P	3.2
7	☐			372.23		P	8.8
8	☐			521.13		P	7.0
9	☐			1967.94		P	2.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			94.45		P	13.5
2	☐			102.78		P	44.7
3	☐			97.23		P	9.9
4	☐			80.56		P	33.3
5	☐			119.45		P	31.5
6	☐			97.23		P	19.8
7	☐			105.56		P	12.1
8	☐			177.78		P	17.7
9	☐			433.35		P	11.7



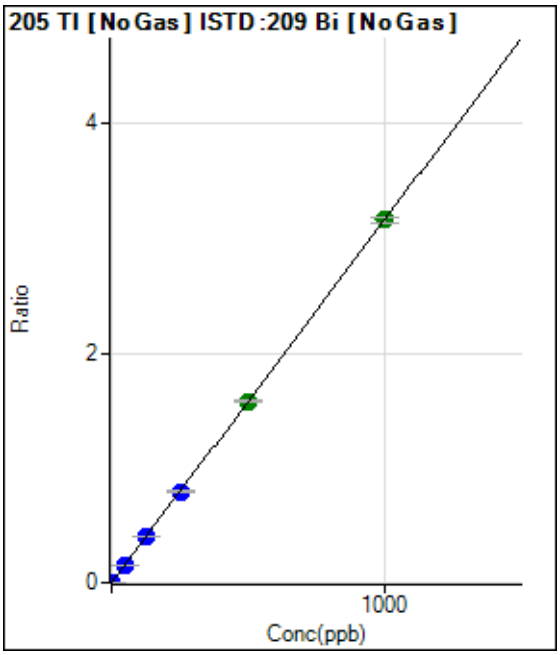
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			54.44		P	9.4
2	☐			63.33		P	42.1
3	☐			46.67		P	18.9
4	☐			40.00		P	58.3
5	☐			53.33		P	33.1
6	☐			60.00		P	27.8
7	☐			98.89		P	10.8
8	☐			102.22		P	5.0
9	☐			285.56		P	7.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	911.17	0.0001	P	13.3
2	☐	0.100	0.084	1833.50	0.0002	P	0.5
3	☐	1.000	0.987	10985.34	0.0014	P	5.3
4	☐	50.000	48.831	513033.08	0.0643	P	0.9
5	☐	125.000	126.380	1308069.30	0.1661	P	1.5
6	☐	250.000	249.074	2566757.87	0.3273	P	2.8
7	☐	500.000	498.373	5033940.34	0.6548	P	0.7
8	☐	1000.000	1000.931	9862485.03	1.3151	A	1.0
9	☐			5317.88	0.0008	P	5.5

y = 0.0013 * x + 1.1657E-004
R = 1.0000
DL = 0.03552
BEC = 0.08873

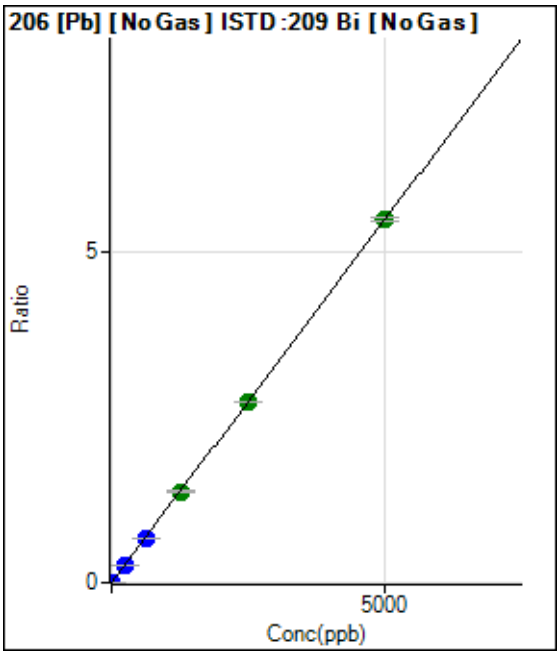
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2222.47	0.0003	P	5.3
2	☐	0.100	0.087	4517.56	0.0006	P	4.2
3	☐	1.000	1.003	26838.72	0.0035	P	3.4
4	☐	50.000	48.328	1221232.10	0.1530	P	0.4
5	☐	125.000	126.398	3146517.34	0.3997	P	1.2
6	☐	250.000	250.362	6205289.37	0.7913	P	2.6
7	☐	500.000	499.181	12126444.02	1.5775	A	1.0
8	☐	1000.000	1000.228	23702361.99	3.1606	A	1.5
9	☐			12970.58	0.0019	P	11.8

y = 0.0032 * x + 2.8401E-004
R = 1.0000
DL = 0.0144
BEC = 0.08989

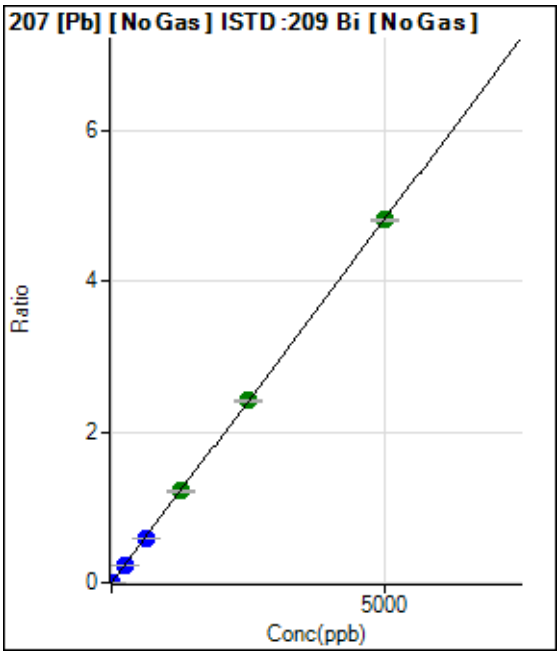
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	544.46	0.0001	P	8.8
2	☐	0.100	0.090	1364.91	0.0002	P	1.7
3	☐	1.000	1.007	9145.90	0.0012	P	4.5
4	☐	250.000	237.426	2083795.03	0.2610	P	0.3
5	☐	625.000	618.044	5348774.13	0.6794	P	1.4
6	☐	1250.000	1257.067	10835469.45	1.3818	A	2.4
7	☐	2500.000	2492.996	21064243.06	2.7402	A	0.9
8	☐	5000.000	5003.234	41241301.39	5.4993	A	1.0
9	☐			40222.07	0.0060	P	1.4

y = 0.0011 * x + 6.9629E-005
R = 1.0000
DL = 0.01681
BEC = 0.06335

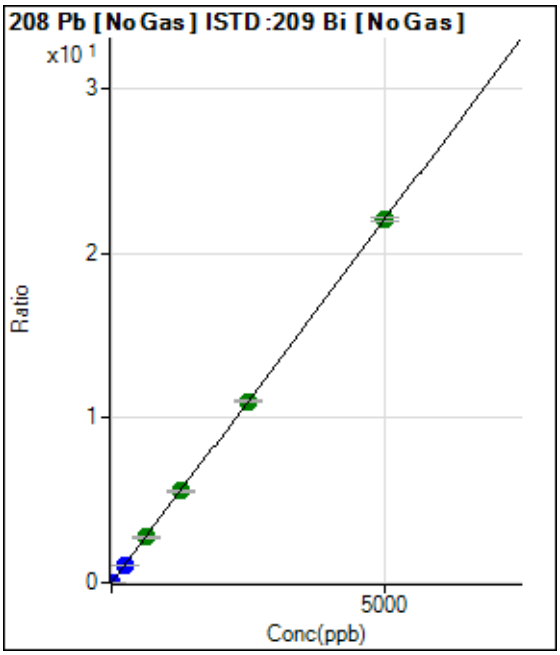
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	448.17	0.0001	P	18.8
2	☐	0.100	0.096	1214.89	0.0002	P	2.7
3	☐	1.000	0.986	7833.91	0.0010	P	5.9
4	☐	250.000	238.068	1833709.49	0.2297	P	0.5
5	☐	625.000	617.722	4691948.54	0.5959	P	0.9
6	☐	1250.000	1266.092	9578127.07	1.2214	A	2.0
7	☐	2500.000	2504.601	18571963.61	2.4161	A	1.5
8	☐	5000.000	4995.183	36137379.51	4.8186	A	0.8
9	☐			35502.98	0.0053	P	0.3

y = 9.6464E-004 * x + 5.7333E-005
R = 1.0000
DL = 0.0335
BEC = 0.05944

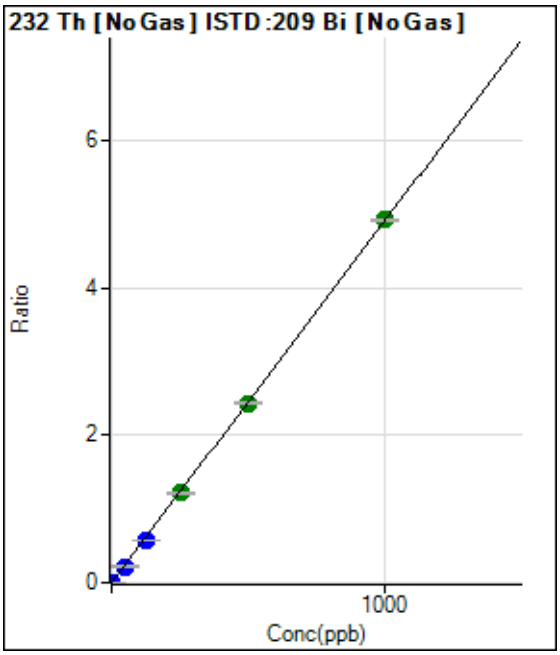
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2083.43	0.0003	P	6.0
2	☐	0.100	0.096	5552.41	0.0007	P	1.9
3	☐	1.000	0.995	36114.15	0.0046	P	4.1
4	☐	250.000	237.897	8362395.47	1.0475	P	0.5
5	☐	625.000	624.278	21639681.15	2.7485	A	0.8
6	☐	1250.000	1260.004	43502145.65	5.5471	A	1.7
7	☐	2500.000	2499.144	84574748.42	11.0021	A	0.8
8	☐	5000.000	4998.622	165028941.1	22.0054	A	0.9
9	☐			161709.62	0.0242	P	1.1

y = 0.0044 * x + 2.6636E-004
R = 1.0000
DL = 0.01094
BEC = 0.0605

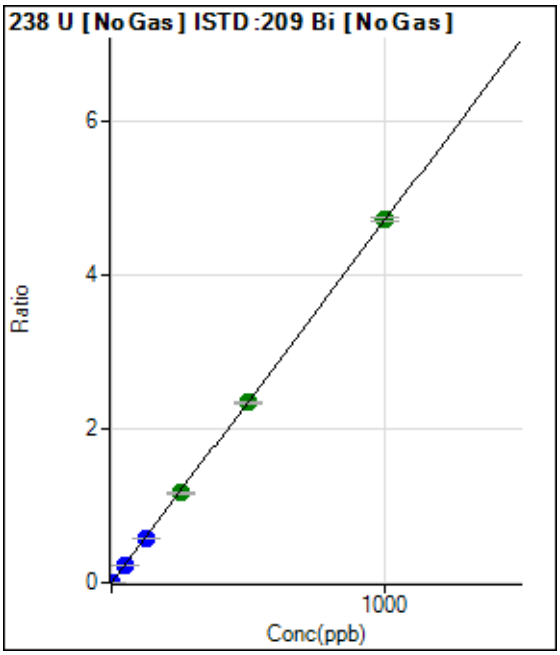
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.97	0.0000	P	2.4
2	☐	0.100	0.000	218.53	0.0000	P	10.2
3	☐	1.000	-0.001	181.49	0.0000	P	8.8
4	☐	50.000	45.174	1772393.77	0.2220	P	0.3
5	☐	125.000	118.857	4598754.16	0.5841	P	1.3
6	☐	250.000	247.453	9536457.16	1.2161	A	2.1
7	☐	500.000	496.007	18737912.69	2.4375	A	0.6
8	☐	1000.000	1003.644	36989165.18	4.9322	A	0.6
9	☐			7528.22	0.0011	P	3.9

y = 0.0049 * x + 2.7227E-005
R = 1.0000
DL = 0.0003918
BEC = 0.00554

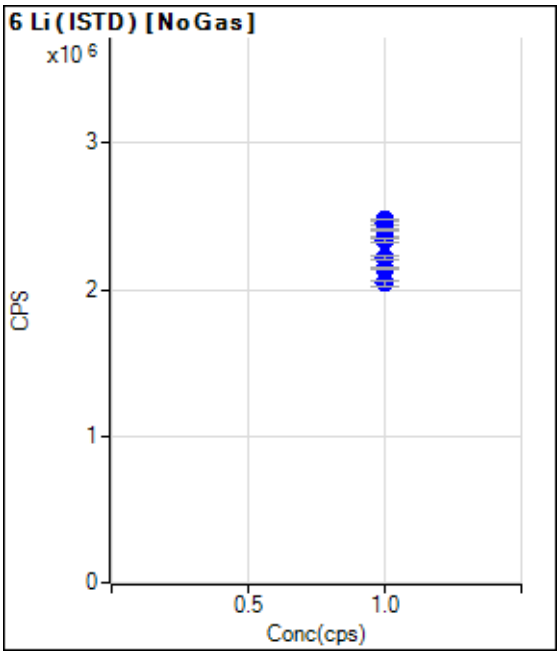
Weight: <None>
Min Conc: 0



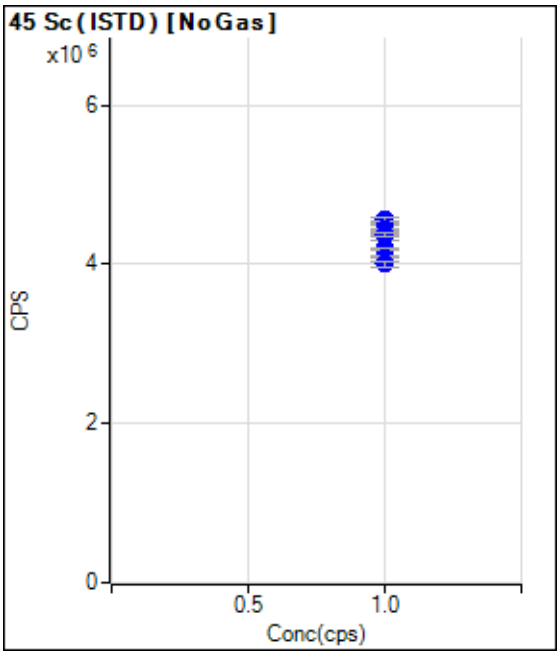
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	56.8
2	☐	0.100	0.089	3450.56	0.0004	P	2.8
3	☐	1.000	0.940	34485.23	0.0044	P	2.5
4	☐	50.000	45.865	1725442.01	0.2161	P	0.8
5	☐	125.000	121.417	4504748.06	0.5722	P	1.3
6	☐	250.000	248.597	9186531.89	1.1715	A	2.5
7	☐	500.000	496.981	18003341.72	2.3420	A	0.8
8	☐	1000.000	1002.515	35429669.54	4.7242	A	1.2
9	☐			7368.93	0.0011	P	3.8

y = 0.0047 * x + 6.3703E-006
R = 1.0000
DL = 0.002303
BEC = 0.001352

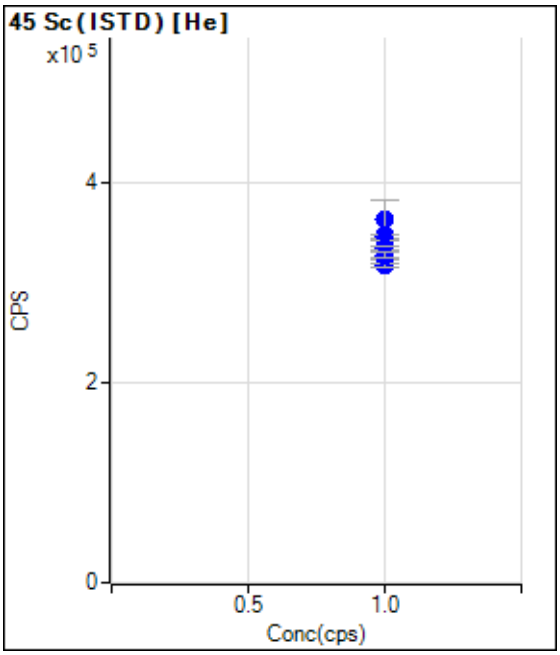
Weight: <None>
Min Conc: 0



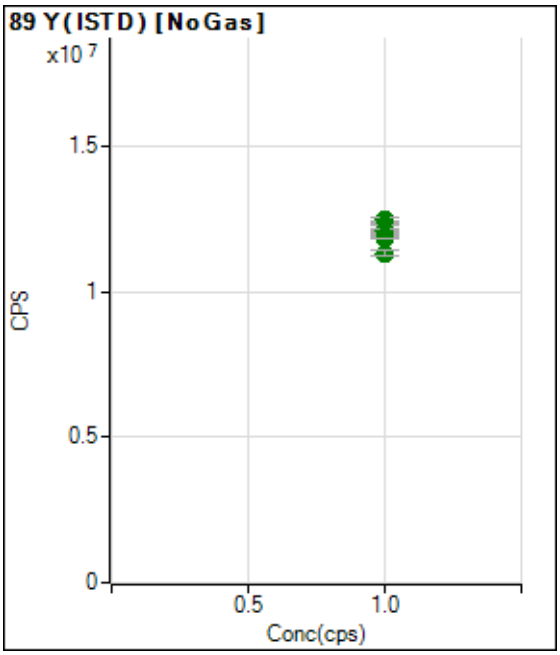
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2397313.77		P	0.1
2	☐	1.000		2475416.79		P	0.5
3	☐	1.000		2403522.69		P	3.5
4	☐	1.000		2460107.17		P	1.3
5	☐	1.000		2408729.69		P	0.9
6	☐	1.000		2335647.17		P	1.2
7	☐	1.000		2214636.69		P	0.9
8	☐	1.000		2141778.68		P	0.8
9	☐	1.000		2042202.71		P	1.6



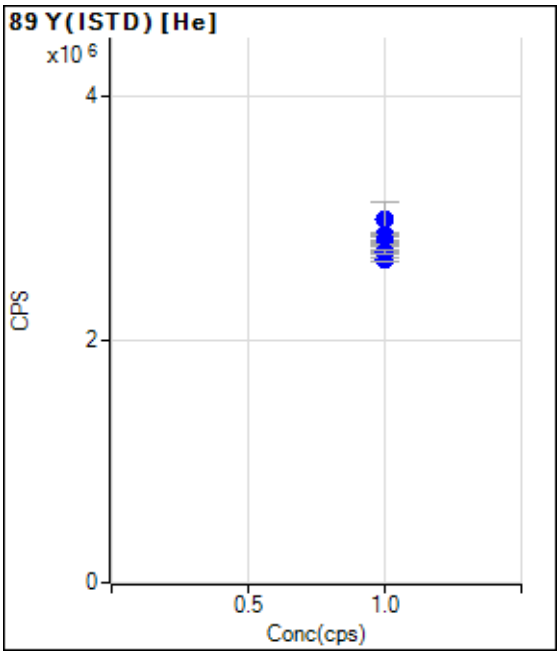
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4387676.57		P	0.9
2	☐	1.000		4502999.38		P	0.7
3	☐	1.000		4373107.64		P	3.5
4	☐	1.000		4555986.25		P	1.0
5	☐	1.000		4436613.61		P	0.5
6	☐	1.000		4366428.93		P	1.1
7	☐	1.000		4195942.26		P	0.5
8	☐	1.000		4090069.24		P	0.4
9	☐	1.000		4004416.22		P	1.7



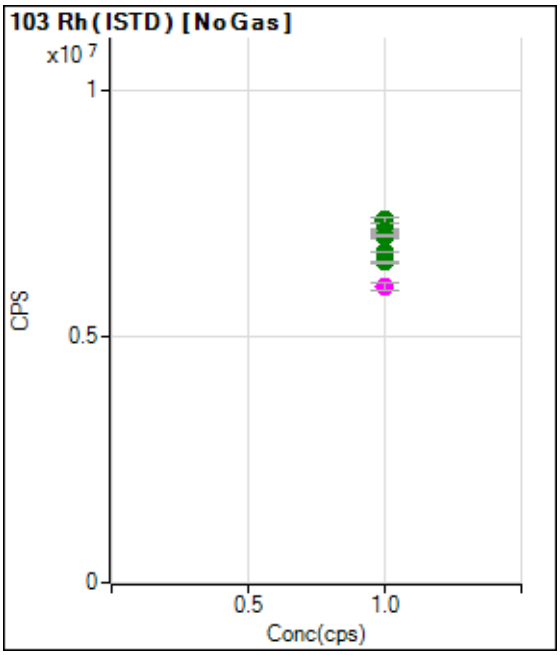
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		342055.45		P	0.2
2	☐	1.000		362118.38		P	10.7
3	☐	1.000		347646.33		P	0.2
4	☐	1.000		345973.84		P	1.1
5	☐	1.000		341877.83		P	0.3
6	☐	1.000		333788.28		P	1.1
7	☐	1.000		323037.89		P	0.5
8	☐	1.000		316699.15		P	1.0
9	☐	1.000		327074.47		P	1.8



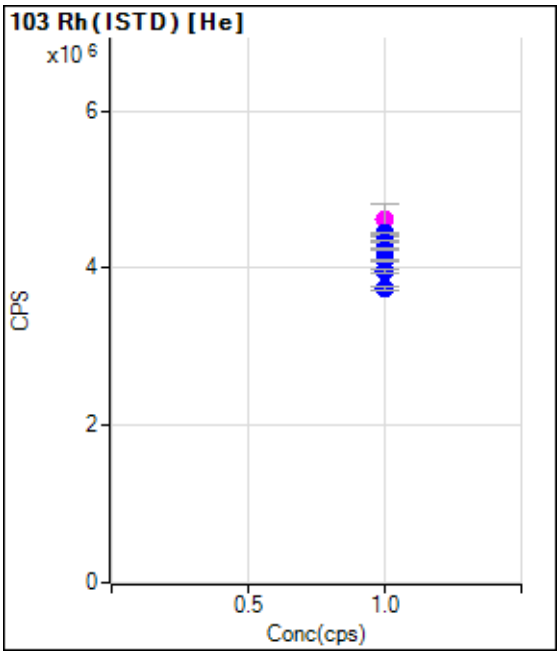
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12035815.24		A	1.1
2	☐	1.000		12408082.31		A	0.4
3	☐	1.000		12142821.76		A	3.2
4	☐	1.000		12462634.26		A	1.4
5	☐	1.000		12283659.96		A	0.4
6	☐	1.000		12093230.79		A	1.5
7	☐	1.000		11896047.46		A	0.6
8	☐	1.000		11828013.71		A	0.4
9	☐	1.000		11305241.08		A	1.9



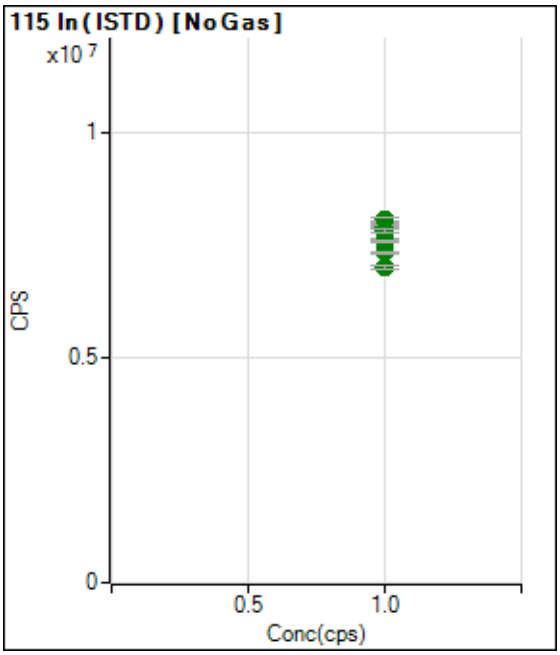
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2803905.24		P	0.2
2	☐	1.000		2985871.87		P	9.6
3	☐	1.000		2872316.14		P	0.3
4	☐	1.000		2866795.09		P	0.2
5	☐	1.000		2818467.21		P	0.3
6	☐	1.000		2780488.57		P	0.4
7	☐	1.000		2709452.13		P	0.6
8	☐	1.000		2651741.07		P	1.2
9	☐	1.000		2715886.31		P	1.2



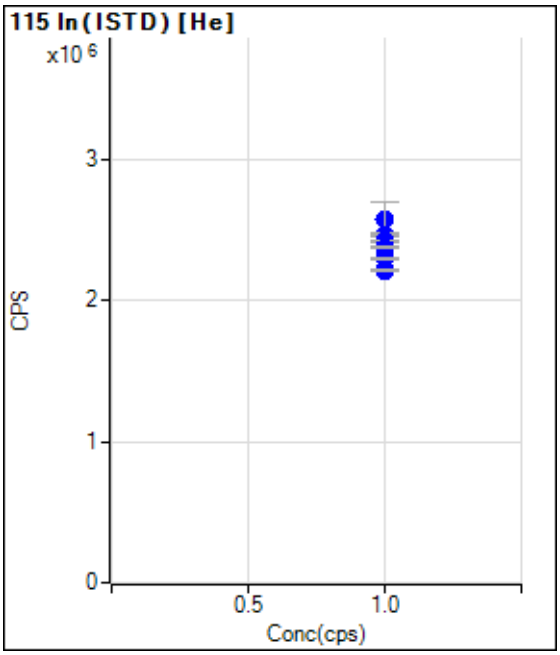
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7153965.59		A	0.5
2	☐	1.000		7362910.93		A	1.4
3	☐	1.000		7155258.37		A	4.1
4	☐	1.000		7371669.68		A	1.8
5	☐	1.000		7140350.17		A	0.7
6	☐	1.000		7036713.44		A	0.6
7	☐	1.000		6725586.84		A	0.1
8	☐	1.000		6513013.65		A	0.7
9	☐	1.000		6004811.92		M	2.6



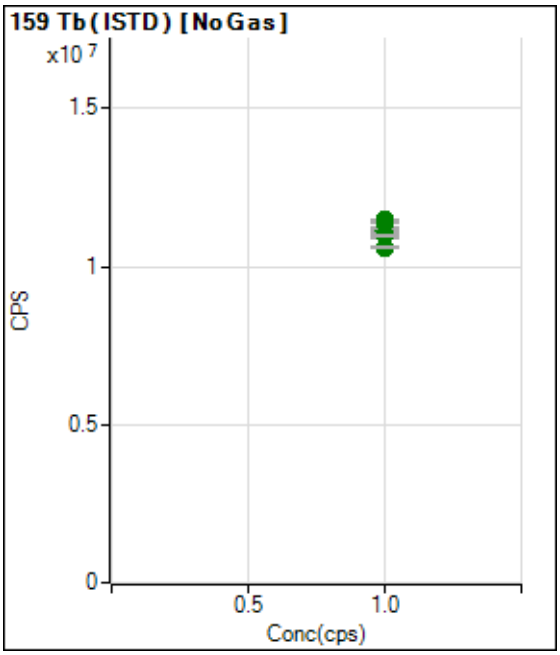
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4353700.73		P	0.1
2	☐	1.000		4612144.55		M	9.1
3	☐	1.000		4437183.82		P	0.5
4	☐	1.000		4434969.10		P	0.3
5	☐	1.000		4335297.44		P	0.7
6	☐	1.000		4234708.34		P	0.5
7	☐	1.000		4101074.97		P	0.5
8	☐	1.000		3956118.00		P	0.9
9	☐	1.000		3735717.27		P	1.2



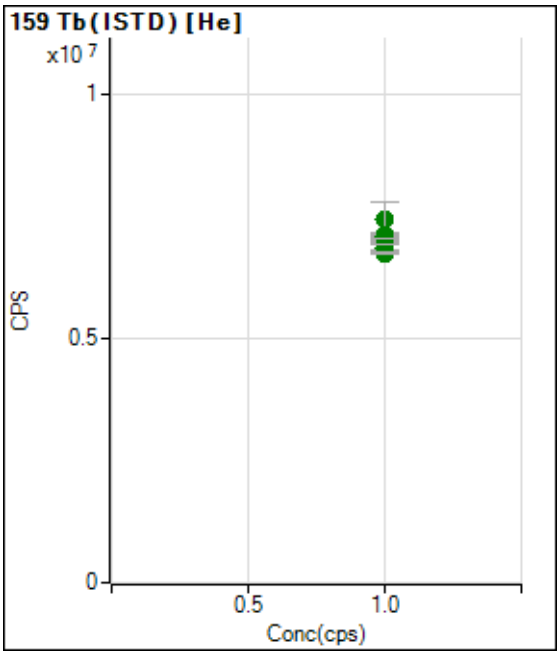
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7781413.95		A	0.2
2	☐	1.000		8056667.52		A	0.3
3	☐	1.000		7788389.41		A	3.5
4	☐	1.000		8079479.64		A	1.6
5	☐	1.000		7930935.29		A	0.9
6	☐	1.000		7831409.74		A	0.9
7	☐	1.000		7596284.53		A	0.4
8	☐	1.000		7350220.86		A	0.5
9	☐	1.000		7011875.19		A	1.4



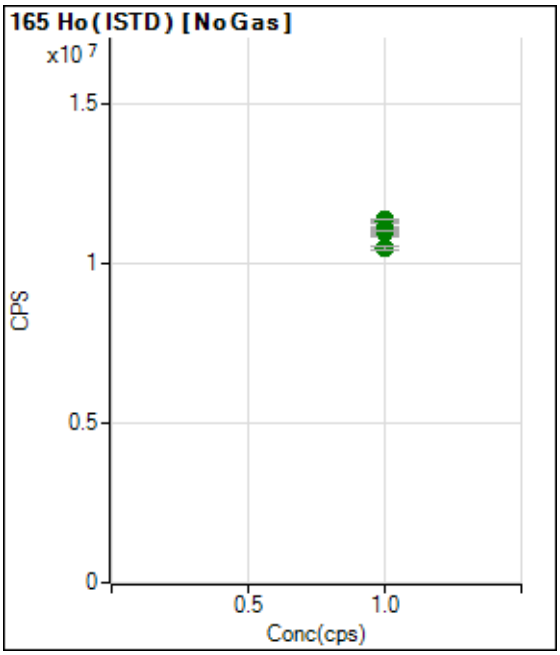
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2421807.10		P	0.1
2	☐	1.000		2574410.11		P	9.5
3	☐	1.000		2472069.58		P	0.4
4	☐	1.000		2474792.09		P	0.3
5	☐	1.000		2428251.19		P	0.3
6	☐	1.000		2379732.28		P	0.2
7	☐	1.000		2303607.15		P	0.7
8	☐	1.000		2218578.69		P	0.9
9	☐	1.000		2216630.14		P	1.0



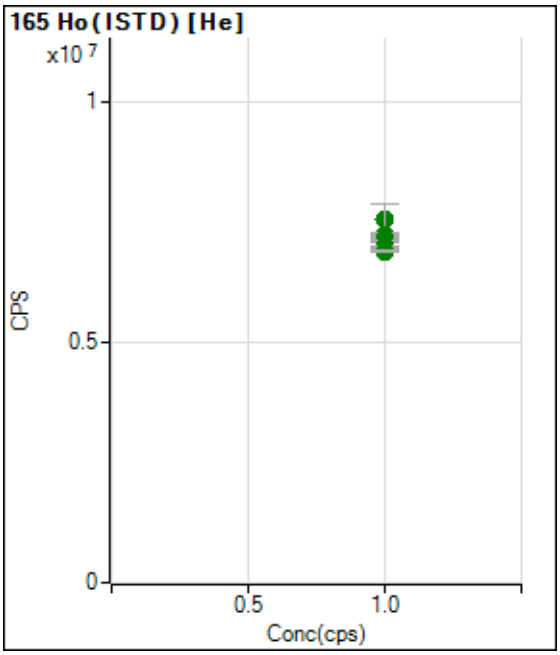
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11097288.17		A	0.6
2	☐	1.000		11427575.53		A	0.9
3	☐	1.000		11082216.57		A	3.0
4	☐	1.000		11473573.02		A	0.6
5	☐	1.000		11355096.50		A	0.2
6	☐	1.000		11234992.47		A	0.7
7	☐	1.000		11132964.56		A	1.1
8	☐	1.000		10989114.00		A	0.3
9	☐	1.000		10598121.37		A	0.7



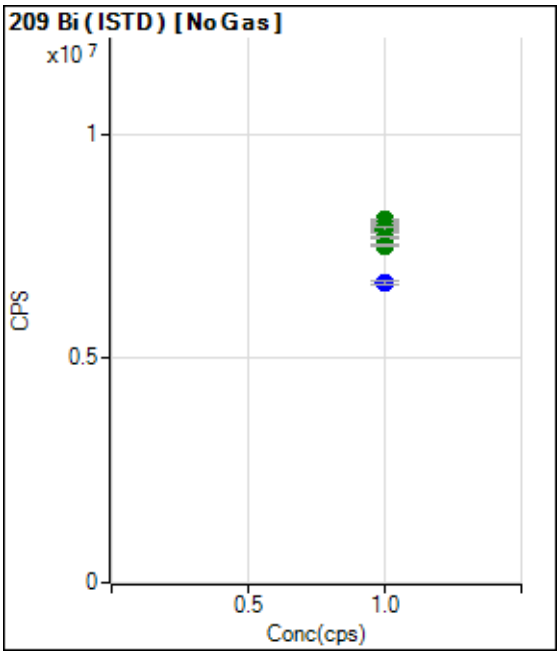
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6968805.94		A	0.7
2	☐	1.000		7418415.72		A	9.6
3	☐	1.000		7121312.33		A	1.2
4	☐	1.000		7131161.98		A	0.7
5	☐	1.000		7089371.42		A	0.9
6	☐	1.000		7023171.08		A	0.2
7	☐	1.000		7029803.51		A	0.1
8	☐	1.000		6857340.94		A	2.2
9	☐	1.000		6731514.07		A	0.8



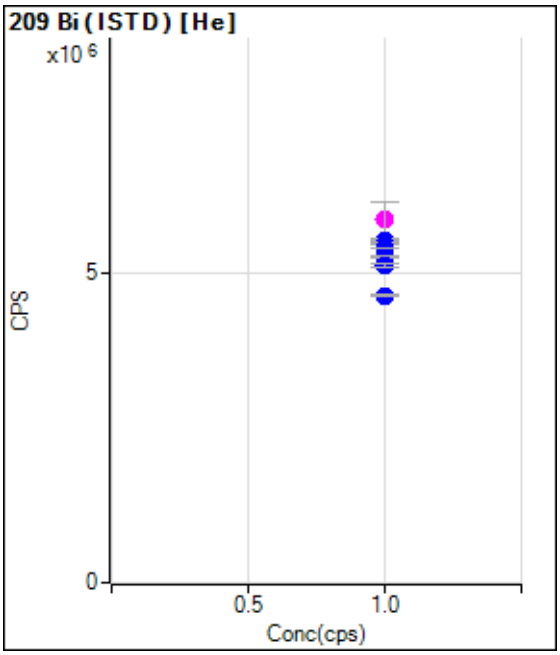
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10953631.36		A	0.4
2	☐	1.000		11372362.89		A	0.7
3	☐	1.000		10990810.60		A	2.9
4	☐	1.000		11382993.86		A	0.7
5	☐	1.000		11323854.14		A	1.2
6	☐	1.000		11071847.41		A	1.3
7	☐	1.000		11106192.61		A	0.4
8	☐	1.000		11031249.42		A	0.2
9	☐	1.000		10510060.81		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7130513.02		A	0.3
2	☐	1.000		7536141.97		A	8.8
3	☐	1.000		7206570.80		A	1.1
4	☐	1.000		7236866.98		A	0.2
5	☐	1.000		7238171.35		A	0.7
6	☐	1.000		7168469.48		A	0.5
7	☐	1.000		7093118.02		A	0.5
8	☐	1.000		6976602.67		A	0.9
9	☐	1.000		6889593.93		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7823235.44		A	1.0
2	☐	1.000		8083122.10		A	0.8
3	☐	1.000		7778077.59		A	2.8
4	☐	1.000		7983026.55		A	0.8
5	☐	1.000		7873499.88		A	0.8
6	☐	1.000		7843706.06		A	1.6
7	☐	1.000		7687500.02		A	1.0
8	☐	1.000		7499685.45		A	0.6
9	☐	1.000		6675522.12		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5487924.43		P	0.3
2	☐	1.000		5849271.02		M	10.1
3	☐	1.000		5530196.37		P	0.6
4	☐	1.000		5530677.90		P	0.5
5	☐	1.000		5459808.67		P	0.5
6	☐	1.000		5399191.59		P	0.4
7	☐	1.000		5254692.07		P	0.4
8	☐	1.000		5119326.56		P	0.8
9	☐	1.000		4628670.56		P	0.8

US EPA Tune Check Sample Report

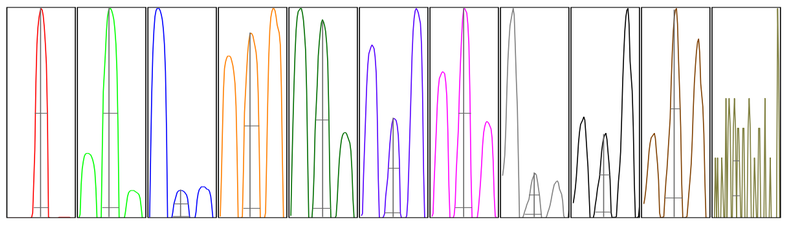
Batch Folder C:\Agilent\ICPMH\1\DATA\P7070621SMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6915	0.61	5.00	
24	81542	0.55	5.00	
25	10519	0.30	5.00	
26	11982	0.30	5.00	
59	17160	0.52	5.00	
113	10646	0.33	5.00	
115	32075	2.17	5.00	
206	16383	0.58	5.00	
207	14118	0.75	5.00	
208	33954	0.21	5.00	
220	0	99.38		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6896	6932	6974	6913	6860
24	80755	81785	81649	81700	81823
25	10470	10540	10544	10505	10536
26	11929	11963	12017	11992	12009
59	17004	17196	17218	17172	17208
113	10627	10699	10639	10656	10608
115	33112	32396	31935	31462	31471
206	16231	16407	16359	16457	16462
207	14049	14000	14276	14150	14117
208	33931	33875	34063	33914	33987
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	12784	9.00	8.9 - 9.1		0.691	0.900	
24	130248	23.90	23.9 - 24.1		0.787	0.900	
25	17169	24.95	24.9 - 25.1		0.783	0.900	
26	19575	25.90	25.9 - 26.1		0.785	0.900	
59	29884	59.00	58.9 - 59.1		0.804	0.900	
113	20466	113.00	112.9 - 113.1		0.697	0.900	
115	61564	115.00	114.9 - 115.1		0.756	0.900	
206	34505	206.00	205.9 - 206.1		0.774	0.900	
207	28540	206.95	206.9 - 207.1		0.737	0.900	
208	71095	207.95	207.9 - 208.1		0.772	0.900	
220	0	219.55	-		0.287		

X% = 5 **Integration Time [sec] =** 0.1 **Acquisition Time [sec] =** 256.8 **Y Axis =** Linear

Tune Parameters
Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.72	L/min	S/C Temp	2	℃
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch	Dilution Gas	
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps	Makeup/Dilution Gas	0.42	L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	13.4	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5947	0.22	
89	40036	0.38	
205	53204	0.79	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5931	5954	5944	5966	5941
89	40240	39962	39891	40153	39933
205	53666	52992	53206	53540	52617

Integration Time [sec] = 0.1

Tune Parameters
Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.72	L/min	S/C Temp	2	℃
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch	Dilution Gas	
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps	Makeup/Dilution Gas	0.42	L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	1.4	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	3.9	mL/min	OctP RF	200	V			