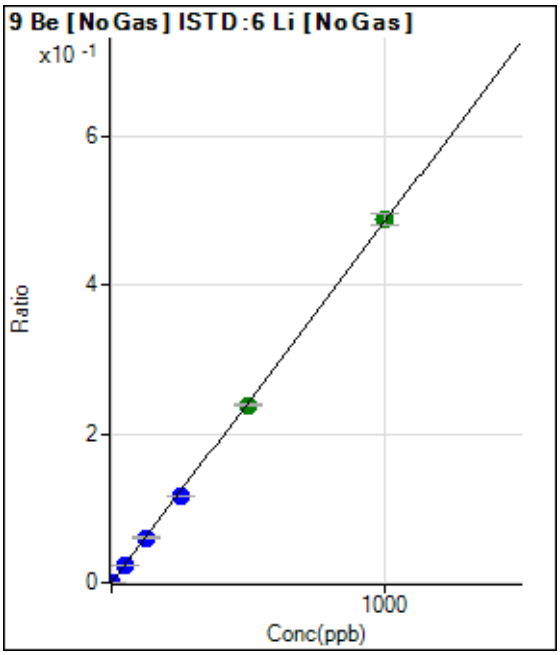
Batch Folder: D:\Agilent\ICPMH\1\DATA\P8031722MS.b\
Analysis File: P8031722MS.batch.bin
DA Date-Time: 2022-03-17 16:05:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

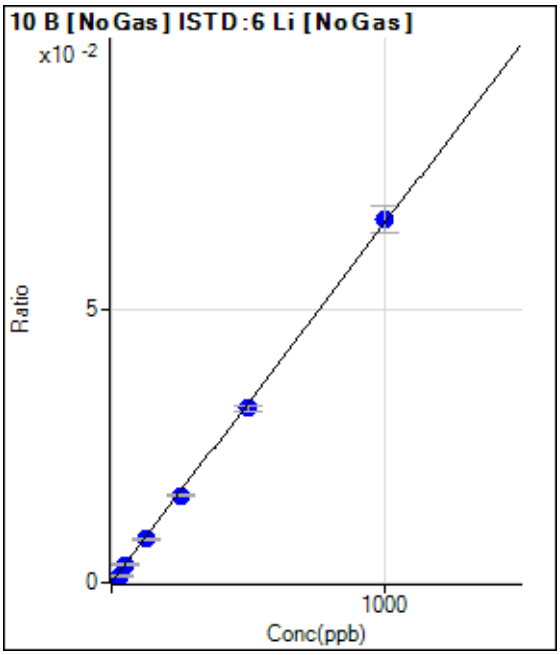
Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2022-03-17 09:40:29
2	007CALS.d	S01	2022-03-17 09:43:32
3	009CALS.d	S02	2022-03-17 09:49:41
4	010CALS.d	S03	2022-03-17 09:52:59
5	011CALS.d	S04	2022-03-17 09:56:02
6	012CALS.d	S05	2022-03-17 09:59:08
7	013CALS.d	S06	2022-03-17 10:02:11
8	014CALS.d	S07	2022-03-17 10:05:17
9	015CALS.d	S08	2022-03-17 10:08:20



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	47.2
2	☐	0.100	0.100	258.62	0.0001	P	14.9
3	☐	1.000	1.059	2521.06	0.0005	P	3.7
4	☐	50.000	48.500	118043.12	0.0235	P	3.2
5	☐	125.000	123.226	300373.49	0.0596	P	4.3
6	☐	250.000	238.944	590622.84	0.1156	P	1.2
7	☐	500.000	493.201	1197338.08	0.2387	A	1.8
8	☐	1000.000	1006.460	2373865.75	0.4871	A	3.1
9	☐			769.87	0.0002	P	21.7

y = 4.8395E-004 * x + 4.0469E-006
R = 0.9999
DL = 0.01185
BEC = 0.008362

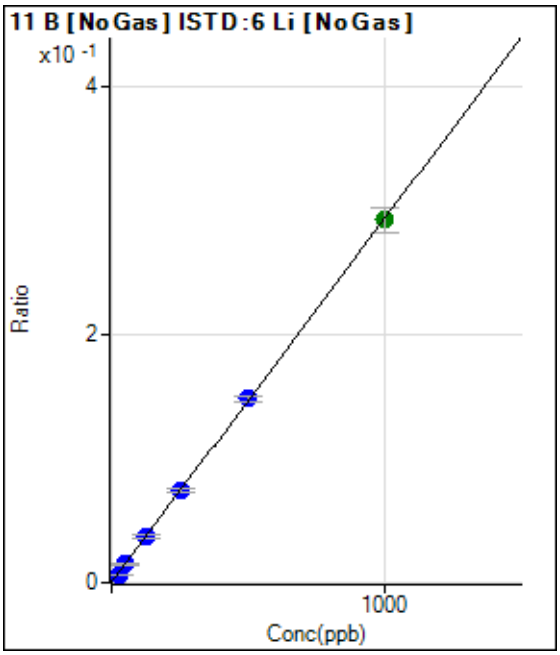
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.27	0.0001	P	6.1
2	☐	2.500	1.465	801.86	0.0002	P	4.2
3	☐	25.000	17.720	6013.40	0.0012	P	4.2
4	☐	50.000	49.392	16664.95	0.0033	P	7.4
5	☐	125.000	119.993	40069.07	0.0080	P	7.6
6	☐	250.000	242.088	81674.83	0.0160	P	3.5
7	☐	500.000	485.269	160460.45	0.0320	P	3.3
8	☐	1000.000	1010.184	323650.27	0.0665	P	7.5
9	☐			37413.25	0.0077	P	12.3

y = 6.5756E-005 * x + 6.6683E-005
R = 0.9998
DL = 0.1844
BEC = 1.014

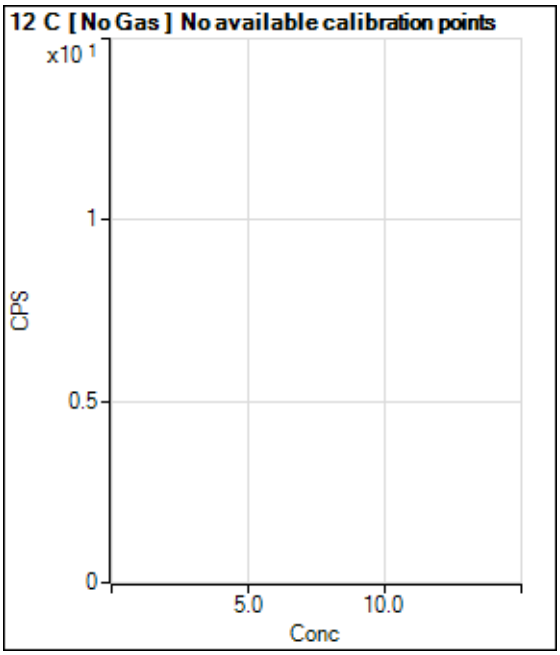
Weight: <None>
Min Conc: 0



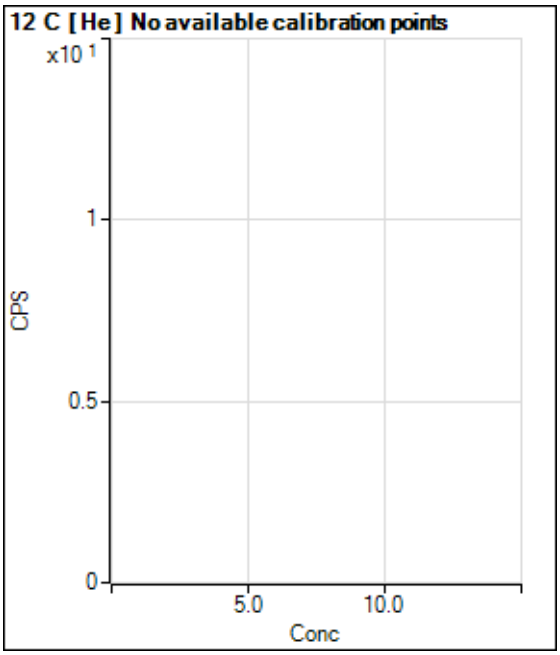
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1644.44	0.0003	P	5.3
2	☐	2.500	1.510	3803.09	0.0008	P	5.5
3	☐	25.000	18.427	27967.29	0.0057	P	6.2
4	☐	50.000	50.010	75346.05	0.0150	P	4.1
5	☐	125.000	125.928	187441.75	0.0372	P	8.3
6	☐	250.000	251.582	378332.08	0.0740	P	4.1
7	☐	500.000	504.940	743992.80	0.1483	P	2.5
8	☐	1000.000	997.185	1423991.85	0.2925	A	6.7
9	☐			172127.61	0.0352	P	11.1

y = 2.9299E-004 * x + 3.3105E-004
R = 1.0000
DL = 0.1807
BEC = 1.13

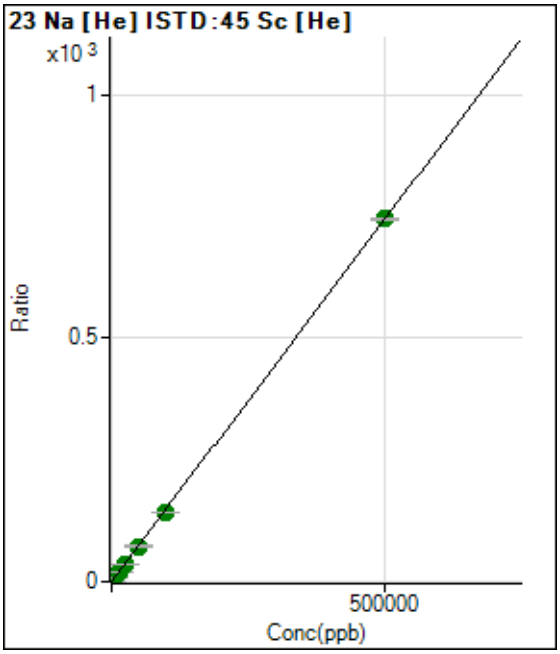
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7617963.45		A	1.7
2	☐			7296857.46		A	2.2
3	☐			7343290.62		A	0.8
4	☐			7812961.11		A	2.2
5	☐			7873767.45		A	1.0
6	☐			8021342.28		A	2.1
7	☐			8277835.08		A	1.4
8	☐			8821107.31		A	2.3
9	☐			8296663.29		A	1.1



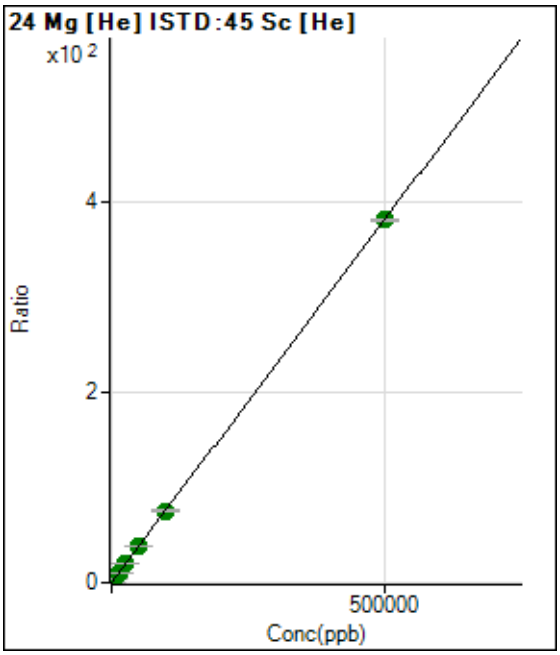
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			86692.55		P	1.3
2	☐			83376.13		P	0.5
3	☐			85309.80		P	2.1
4	☐			90604.75		P	2.4
5	☐			90582.63		P	1.2
6	☐			92134.08		P	0.8
7	☐			97306.51		P	0.7
8	☐			106183.33		P	0.2
9	☐			112700.51		P	1.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14627.11	0.0458	P	2.8
2	☐	50.000	44.049	35067.68	0.1113	P	2.7
3	☐	500.000	465.609	235425.57	0.7381	P	0.9
4	☐	5000.000	5083.944	2382248.80	7.6055	A	0.3
5	☐	12500.000	12352.017	5713792.92	18.4131	A	0.5
6	☐	25000.000	24438.046	11292949.21	36.3849	A	1.2
7	☐	50000.000	48854.369	22088645.11	72.6918	A	2.0
8	☐	100000.00	95831.520	44511575.30	142.5464	A	0.9
9	☐	500000.00	500979.25	242317694.3	744.9977	A	0.4

y = 0.0015 * x + 0.0458
R = 1.0000
DL = 2.609
BEC = 30.77

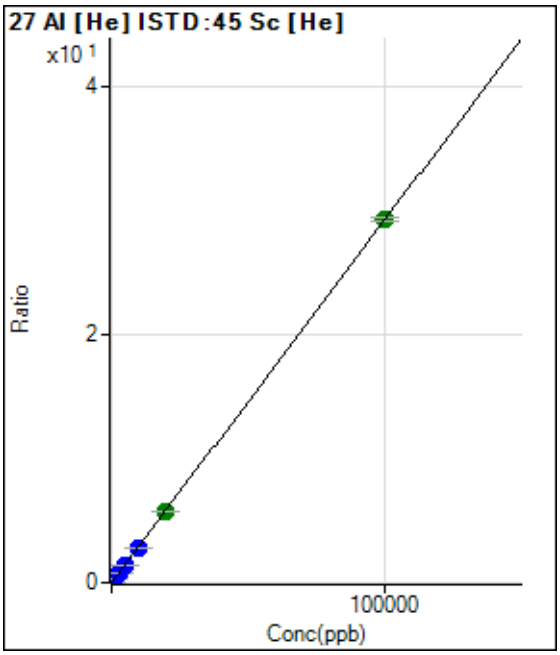
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	430.58	0.0013	P	16.7
2	☐	50.000	44.663	11157.35	0.0354	P	3.1
3	☐	500.000	481.113	117416.93	0.3681	P	1.1
4	☐	5000.000	5330.303	1273136.55	4.0650	A	1.3
5	☐	12500.000	12891.393	3050077.26	9.8294	A	2.1
6	☐	25000.000	25735.339	6089661.64	19.6213	A	1.5
7	☐	50000.000	51099.239	11837362.50	38.9581	A	0.9
8	☐	100000.00	99240.378	23625326.75	75.6596	A	0.9
9	☐	500000.00	499992.16	123985965.2	381.1823	A	0.6

y = 7.6237E-004 * x + 0.0013
R = 1.0000
DL = 0.8848
BEC = 1.769

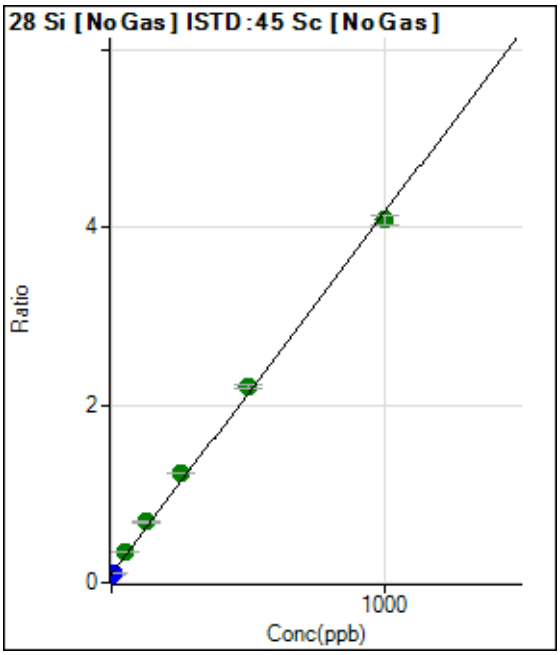
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.40	0.0004	P	8.9
2	☐	2.000	1.624	272.89	0.0009	P	2.5
3	☐	20.000	18.398	1836.14	0.0058	P	1.7
4	☐	1000.000	984.842	90060.96	0.2876	P	1.8
5	☐	2500.000	2444.808	221346.92	0.7133	P	0.3
6	☐	5000.000	4773.923	432163.39	1.3925	P	1.1
7	☐	10000.000	9672.562	857034.16	2.8209	P	1.5
8	☐	20000.000	19646.507	1788927.56	5.7293	A	1.7
9	☐	100000.00	100116.27	9495096.57	29.1943	A	1.0

y = 2.9160E-004 * x + 3.9211E-004
R = 1.0000
DL = 0.3594
BEC = 1.345

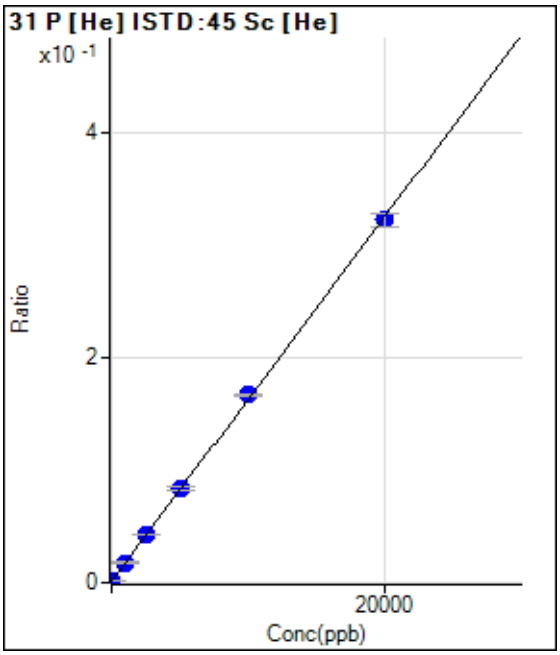
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	673602.64	0.0965	P	3.1
2	☐	1.000	-0.124	669481.04	0.0960	P	1.9
3	☐	10.000	3.376	754711.40	0.1102	P	1.6
4	☐	50.000	61.367	2341006.26	0.3464	A	4.7
5	☐	125.000	144.966	4823391.08	0.6868	A	1.4
6	☐	250.000	280.882	8805151.50	1.2402	A	0.5
7	☐	500.000	518.300	15549723.78	2.2069	A	1.4
8	☐	1000.000	980.132	29032843.36	4.0873	A	2.6
9	☐			1456742.04	0.2033	A	5.6

y = 0.0041 * x + 0.0965
R = 0.9990
DL = 2.18
BEC = 23.7

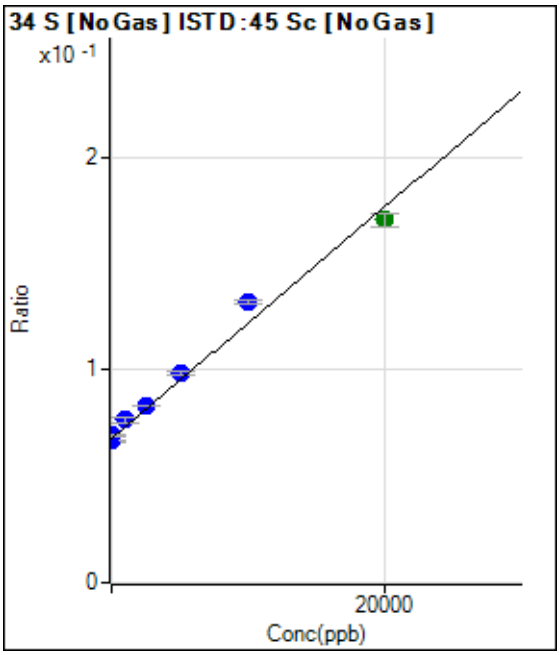
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.679	319.46	0.0010	P	4.4
2	☐	0.000	-4.718	330.57	0.0010	P	5.9
3	☐	0.000	12.397	422.24	0.0013	P	10.6
4	☐	1000.000	1028.602	5556.78	0.0177	P	3.3
5	☐	2500.000	2558.483	13178.61	0.0425	P	0.8
6	☐	5000.000	5094.101	25904.24	0.0834	P	3.6
7	☐	10000.000	10230.665	50570.03	0.1665	P	1.7
8	☐	20000.000	19852.402	100510.64	0.3219	P	3.7
9	☐			361.13	0.0011	P	22.9

y = 1.6160E-005 * x + 0.0011
R = 0.9999
DL = 15.24
BEC = 69.51

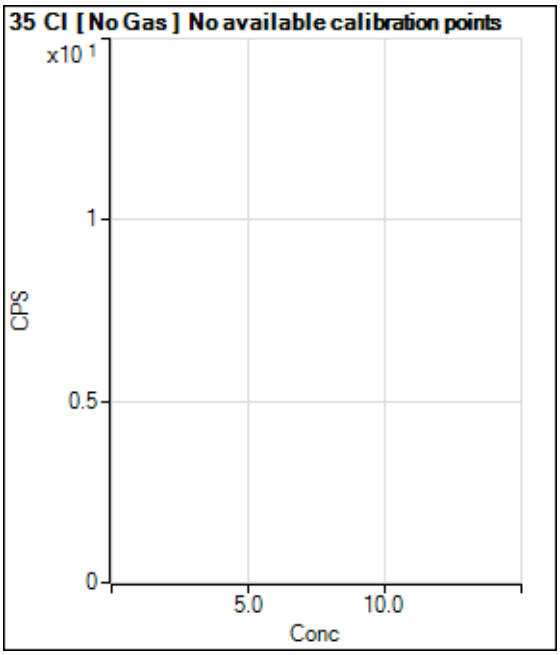
Weight: <None>
Min Conc: 0



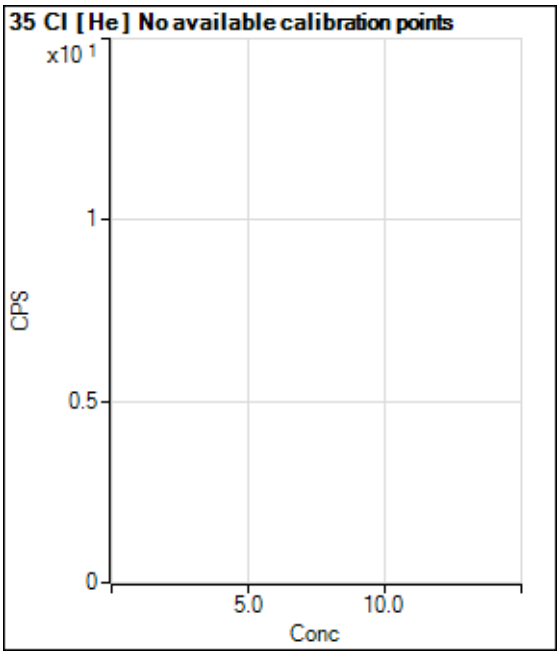
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-204.539	466295.95	0.0668	P	1.7
2	☐	0.000	-48.166	471736.68	0.0676	P	2.2
3	☐	0.000	252.705	474282.09	0.0693	P	1.5
4	☐	1000.000	1570.306	516938.99	0.0765	P	3.4
5	☐	2500.000	2807.982	584357.37	0.0832	P	1.0
6	☐	5000.000	5635.819	700018.76	0.0986	P	1.6
7	☐	10000.000	11817.536	932102.52	0.1323	P	1.3
8	☐	20000.000	18865.264	1212241.25	0.1707	A	4.0
9	☐			393573.61	0.0549	P	4.2

y = 5.4480E-006 * x + 0.0679
R = 0.9930
DL = 659.5
BEC = 1.246E+04

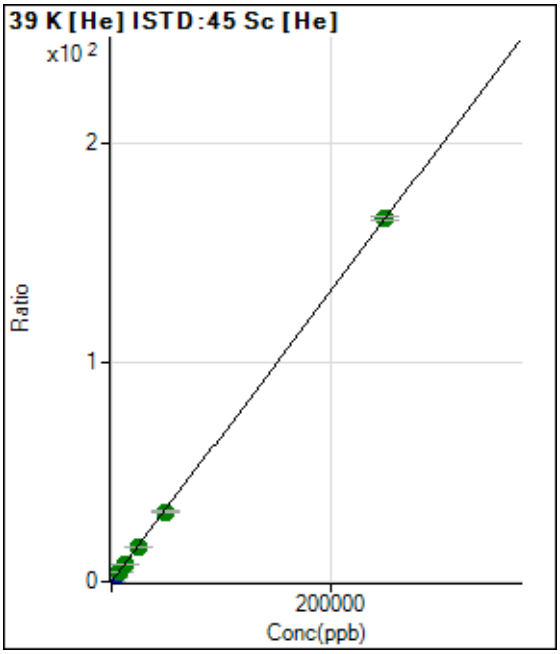
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			303275.87		P	1.2
2	☐			288679.33		P	0.9
3	☐			266777.32		P	1.6
4	☐			262467.77		P	1.0
5	☐			253369.40		P	0.3
6	☐			248795.97		P	0.6
7	☐			240942.98		P	0.8
8	☐			242326.86		P	1.3
9	☐			237051.04		P	0.4



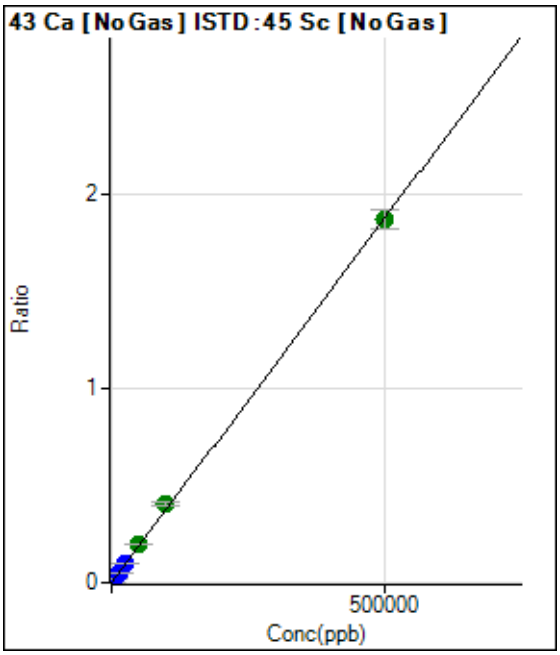
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2867.03		P	9.6
2	☐			2775.35		P	8.4
3	☐			2725.33		P	1.4
4	☐			2597.53		P	3.8
5	☐			2247.46		P	3.1
6	☐			2425.26		P	3.3
7	☐			2139.10		P	4.4
8	☐			2155.77		P	3.1
9	☐			2344.70		P	10.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28180.86	0.0882	P	1.0
2	☐	50.000	47.508	37705.37	0.1196	P	2.1
3	☐	500.000	462.626	125731.83	0.3942	P	1.1
4	☐	2500.000	2495.583	544606.80	1.7391	P	2.6
5	☐	6250.000	6270.333	1314529.60	4.2362	A	2.4
6	☐	12500.000	12178.181	2527558.57	8.1443	A	1.3
7	☐	25000.000	24038.492	4857949.02	15.9902	A	2.6
8	☐	50000.000	48144.432	9973446.75	31.9369	A	1.5
9	☐	250000.00	250482.96	53925106.76	165.7886	A	1.1

y = 6.6152E-004 * x + 0.0882
R = 1.0000
DL = 4.135
BEC = 133.3

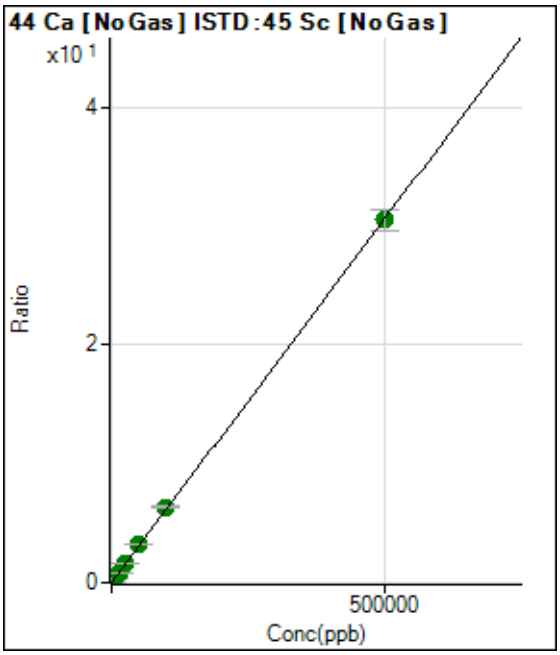
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	498.70	0.0001	P	2.7
2	☐	50.000	44.709	1670.31	0.0002	P	4.5
3	☐	500.000	489.697	13078.11	0.0019	P	3.3
4	☐	5000.000	5440.473	138615.30	0.0205	P	3.9
5	☐	12500.000	13016.564	343842.80	0.0490	P	1.7
6	☐	25000.000	25796.818	688284.54	0.0970	P	1.9
7	☐	50000.000	52784.352	1397485.88	0.1983	A	1.0
8	☐	100000.00	107933.49	2879605.03	0.4054	A	4.5
9	☐	500000.00	498077.71	13400996.35	1.8708	A	5.3

y = 3.7558E-006 * x + 7.1440E-005
R = 0.9999
DL = 1.564
BEC = 19.02

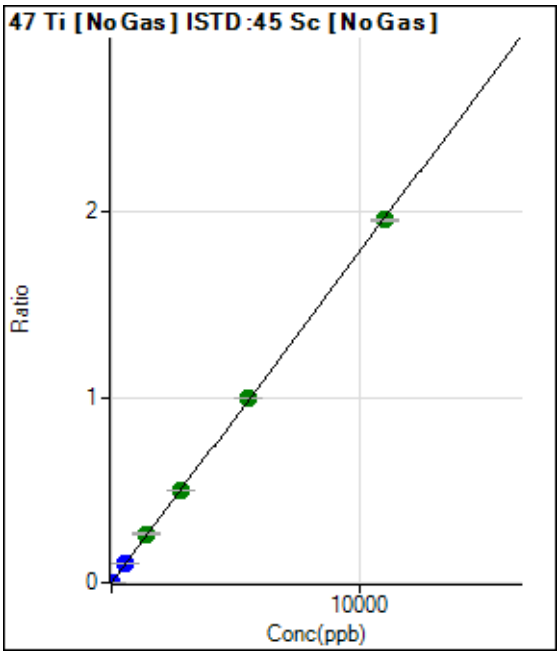
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25365.16	0.0036	P	2.0
2	☐	50.000	44.575	44361.62	0.0064	P	1.5
3	☐	500.000	498.844	233789.52	0.0342	P	1.6
4	☐	5000.000	5421.711	2266121.01	0.3353	A	5.5
5	☐	12500.000	12909.365	5571839.52	0.7934	A	1.7
6	☐	25000.000	25957.091	11299147.31	1.5916	A	3.1
7	☐	50000.000	52134.733	22500688.49	3.1931	A	1.1
8	☐	100000.00	103734.09	45104154.13	6.3498	A	2.9
9	☐	500000.00	498977.40	218667150.2	30.5297	A	5.8

y = 6.1177E-005 * x + 0.0036
R = 1.0000
DL = 3.5
BEC = 59.39

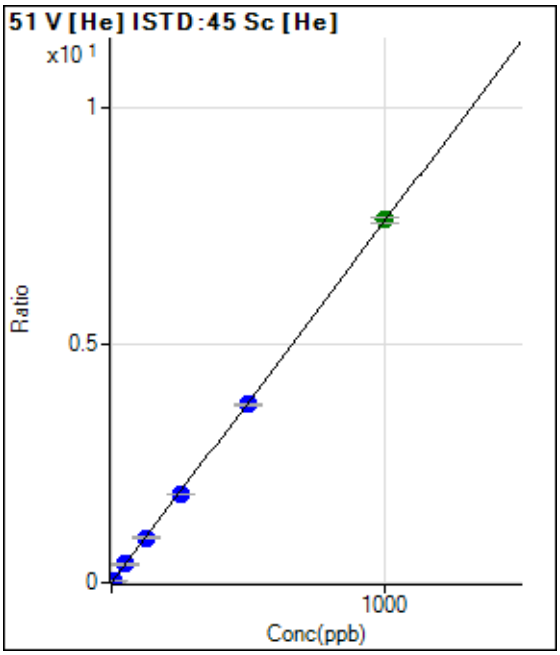
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	419.46	0.0001	P	5.5
2	☐	0.500	0.526	1075.07	0.0002	P	4.4
3	☐	5.000	5.280	6879.60	0.0010	P	4.5
4	☐	550.000	594.843	720136.49	0.1065	P	2.7
5	☐	1375.000	1469.477	1846395.61	0.2630	A	2.9
6	☐	2750.000	2769.672	3518918.35	0.4956	A	0.6
7	☐	5500.000	5555.551	7003671.77	0.9940	A	0.2
8	☐	11000.000	10953.255	13922973.75	1.9596	A	0.4
9	☐			5487.42	0.0008	P	21.2

y = 1.7890E-004 * x + 6.0105E-005
R = 0.9999
DL = 0.05575
BEC = 0.336

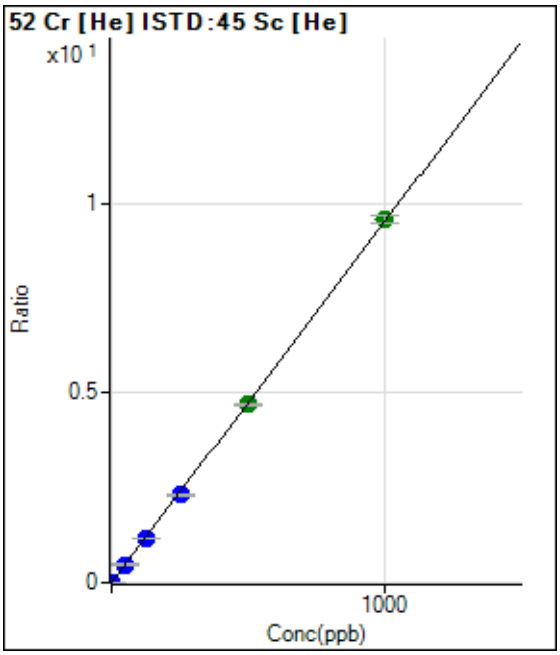
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	49.6
2	☐	0.500	0.444	1072.27	0.0034	P	6.5
3	☐	5.000	4.828	11700.44	0.0367	P	2.4
4	☐	50.000	50.615	120378.52	0.3844	P	1.4
5	☐	125.000	125.043	294657.00	0.9495	P	0.7
6	☐	250.000	243.799	574551.15	1.8513	P	1.0
7	☐	500.000	493.193	1137812.20	3.7451	P	1.4
8	☐	1000.000	1004.919	2382728.30	7.6308	A	1.6
9	☐			773.36	0.0024	P	7.5

y = 0.0076 * x + 2.4345E-005
R = 0.9999
DL = 0.004773
BEC = 0.003206

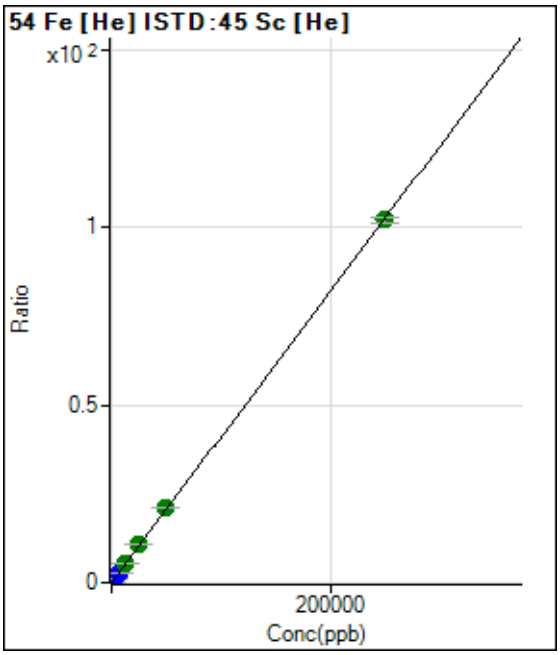
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1178.95	0.0037	P	3.0
2	☐	0.200	0.181	1705.68	0.0054	P	2.3
3	☐	2.000	1.850	6788.33	0.0213	P	2.3
4	☐	50.000	49.912	149814.88	0.4784	P	1.8
5	☐	125.000	122.944	363969.19	1.1729	P	0.9
6	☐	250.000	242.645	717354.93	2.3113	P	0.5
7	☐	500.000	493.076	1425879.44	4.6930	A	1.4
8	☐	1000.000	1005.562	2987242.56	9.5669	A	2.1
9	☐			34642.09	0.1065	P	2.4

y = 0.0095 * x + 0.0037
R = 0.9999
DL = 0.03491
BEC = 0.3879

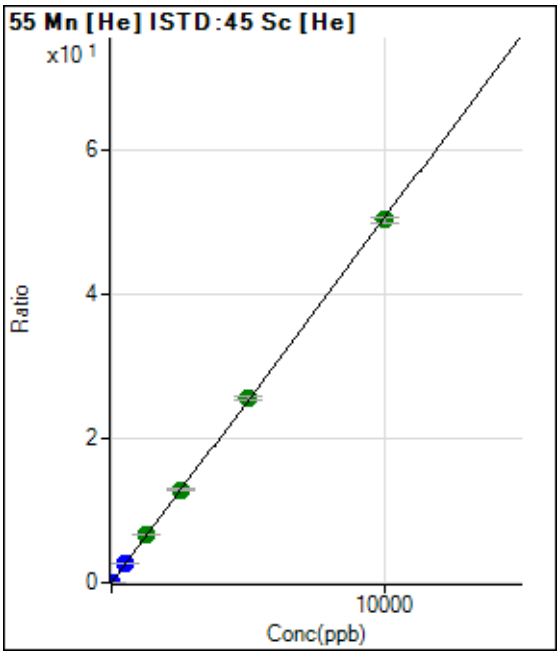
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	885.23	0.0028	P	2.5
2	☐	5.000	4.703	1479.73	0.0047	P	2.9
3	☐	50.000	50.000	7407.59	0.0232	P	1.7
4	☐	2500.000	2625.859	337287.87	1.0770	P	2.0
5	☐	6250.000	6532.556	830148.00	2.6752	P	1.3
6	☐	12500.000	13028.491	1655305.06	5.3327	A	1.6
7	☐	25000.000	26714.281	3321388.53	10.9315	A	0.4
8	☐	50000.000	51352.591	6561020.86	21.0109	A	1.2
9	☐	250000.00	249523.30	33200353.98	102.0818	A	1.6

y = 4.0910E-004 * x + 0.0028
R = 1.0000
DL = 0.5083
BEC = 6.771

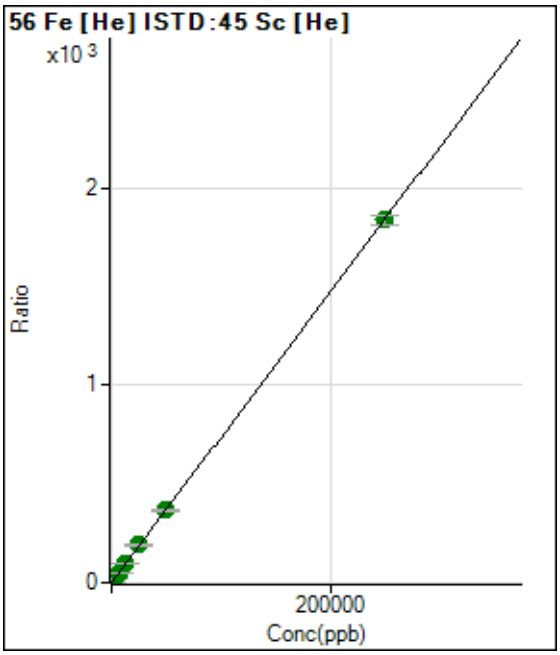
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0003	P	16.6
2	☐	0.100	0.086	222.22	0.0007	P	1.3
3	☐	1.000	1.008	1714.57	0.0054	P	4.7
4	☐	500.000	513.759	815277.10	2.6033	P	1.9
5	☐	1250.000	1318.584	2073151.46	6.6809	A	1.4
6	☐	2500.000	2550.765	4011036.40	12.9239	A	0.8
7	☐	5000.000	5061.627	7792342.94	25.6453	A	2.0
8	☐	10000.000	9947.234	15736511.85	50.3985	A	1.8
9	☐			13014.99	0.0400	P	3.0

y = 0.0051 * x + 2.7083E-004
R = 0.9999
DL = 0.02663
BEC = 0.05346

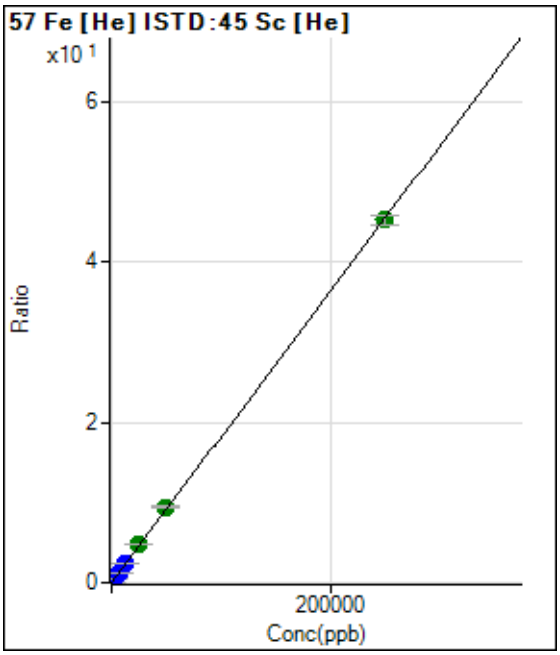
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7429.84	0.0232	P	0.2
2	☐	5.000	4.238	17153.15	0.0544	P	2.9
3	☐	50.000	49.202	122860.43	0.3852	P	0.6
4	☐	2500.000	2700.335	6227512.93	19.8883	A	3.5
5	☐	6250.000	6658.668	15208255.20	49.0078	A	1.4
6	☐	12500.000	12730.575	29071642.09	93.6759	A	1.4
7	☐	25000.000	25862.359	57811475.37	190.2800	A	1.1
8	☐	50000.000	49808.386	114415422.9	366.4393	A	2.0
9	☐	250000.00	249928.33	597937442.9	1,838.624	A	2.5

y = 0.0074 * x + 0.0232
R = 1.0000
DL = 0.0151
BEC = 3.16

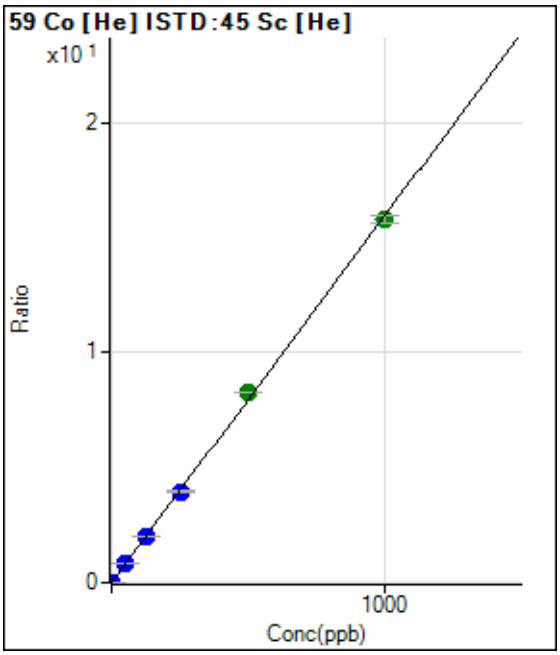
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.16	0.0009	P	4.7
2	☐	5.000	5.107	587.06	0.0019	P	4.4
3	☐	50.000	51.392	3274.50	0.0103	P	2.8
4	☐	2500.000	2643.510	150646.91	0.4811	P	3.0
5	☐	6250.000	6475.341	365267.83	1.1771	P	1.1
6	☐	12500.000	12722.413	717426.58	2.3118	P	1.6
7	☐	25000.000	26653.396	1471122.05	4.8421	A	2.0
8	☐	50000.000	51937.272	2945906.92	9.4345	A	1.4
9	☐	250000.00	249429.01	14737380.19	45.3057	A	2.3

y = 1.8163E-004 * x + 9.3257E-004
R = 1.0000
DL = 0.7177
BEC = 5.134

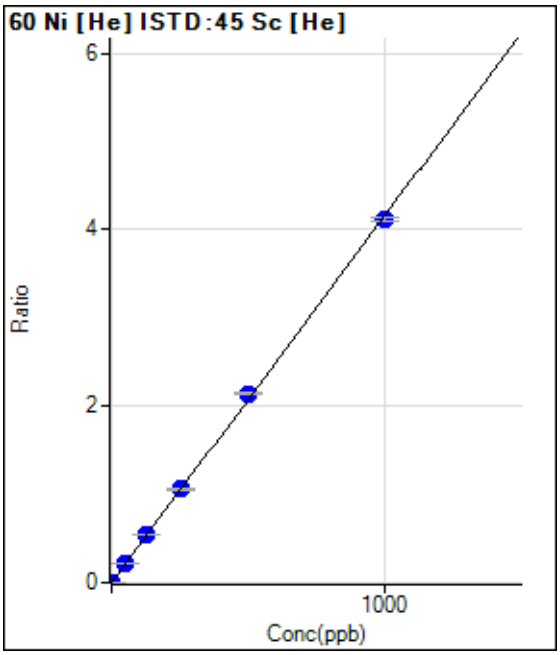
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.45	0.0002	P	10.7
2	☐	0.100	0.103	582.24	0.0018	P	7.6
3	☐	1.000	0.965	4974.25	0.0156	P	2.2
4	☐	50.000	51.237	255971.61	0.8173	P	1.3
5	☐	125.000	126.213	624616.03	2.0129	P	1.8
6	☐	250.000	248.907	1232106.41	3.9695	P	0.9
7	☐	500.000	520.163	2520370.10	8.2952	A	0.5
8	☐	1000.000	989.978	4929410.07	15.7874	A	2.0
9	☐			8351.42	0.0257	P	2.1

y = 0.0159 * x + 2.0164E-004
R = 0.9997
DL = 0.004048
BEC = 0.01264

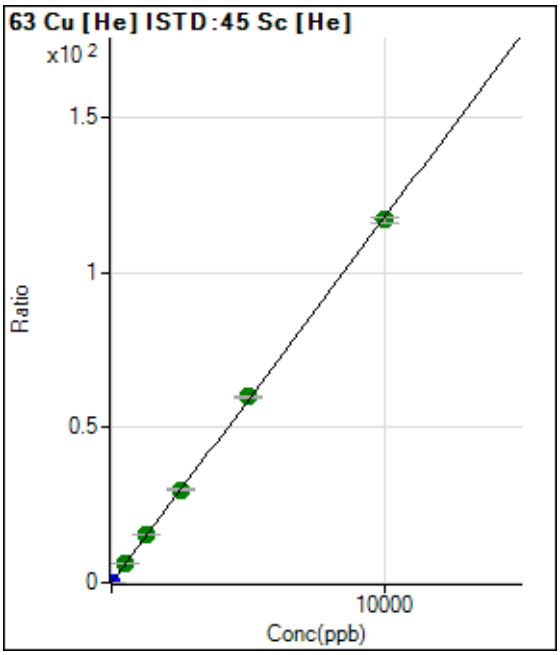
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.55	0.0001	P	9.5
2	☐	0.100	0.101	177.78	0.0006	P	16.0
3	☐	1.000	0.957	1313.41	0.0041	P	2.7
4	☐	50.000	53.134	69169.00	0.2209	P	1.4
5	☐	125.000	131.191	169143.34	0.5451	P	0.9
6	☐	250.000	255.183	329007.24	1.0601	P	1.0
7	☐	500.000	515.524	650658.70	2.1415	P	0.6
8	☐	1000.000	990.012	1284117.06	4.1124	P	1.2
9	☐			10476.16	0.0322	P	1.5

y = 0.0042 * x + 1.4262E-004
R = 0.9998
DL = 0.009807
BEC = 0.03433

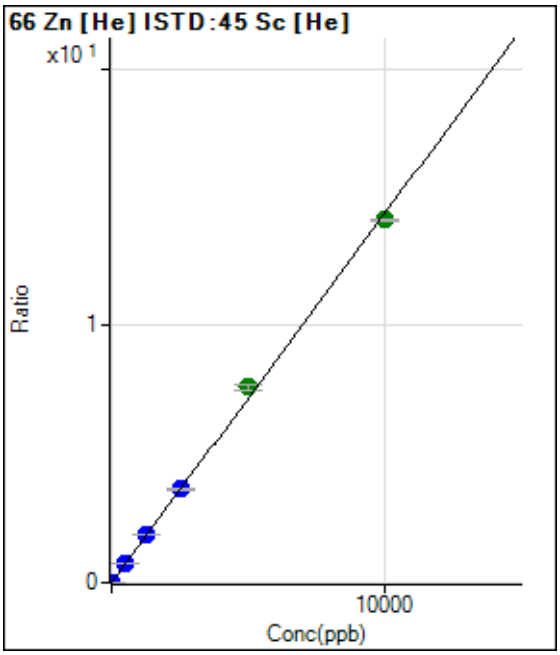
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1026.71	0.0032	P	6.8
2	☐	0.200	0.170	1644.55	0.0052	P	4.3
3	☐	2.000	2.002	8542.64	0.0268	P	2.7
4	☐	500.000	538.439	1986234.96	6.3435	A	3.8
5	☐	1250.000	1324.179	4839554.27	15.5958	A	0.7
6	☐	2500.000	2537.401	9273186.18	29.8819	A	2.0
7	☐	5000.000	5087.961	18204438.48	59.9155	A	1.0
8	☐	10000.000	9935.475	36532927.51	116.9964	A	1.7
9	☐			22176.41	0.0682	P	1.4

y = 0.0118 * x + 0.0032
R = 0.9999
DL = 0.05572
BEC = 0.2729

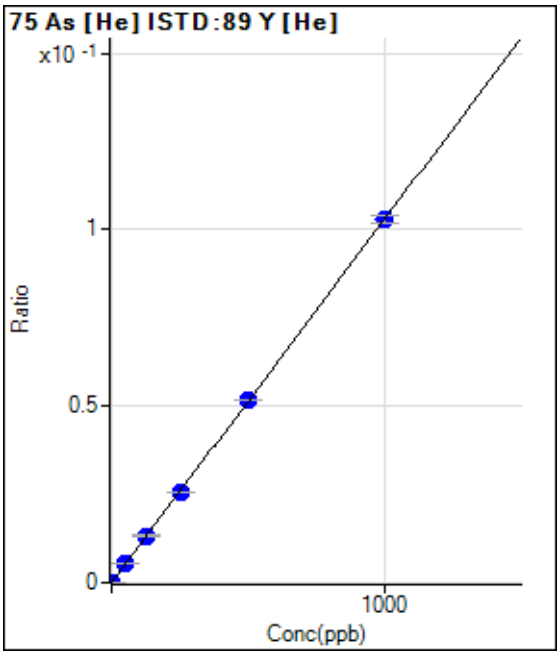
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.00	0.0007	P	5.7
2	☐	0.200	0.140	280.00	0.0009	P	5.0
3	☐	2.000	1.904	1092.27	0.0034	P	4.8
4	☐	500.000	525.582	236706.37	0.7559	P	2.9
5	☐	1250.000	1311.297	584898.08	1.8849	P	0.7
6	☐	2500.000	2545.696	1135413.13	3.6586	P	1.8
7	☐	5000.000	5291.208	2310167.65	7.6036	A	2.3
8	☐	10000.000	9834.031	4412816.92	14.1311	A	0.5
9	☐			6594.94	0.0203	P	3.3

y = 0.0014 * x + 6.8828E-004
R = 0.9994
DL = 0.082
BEC = 0.479

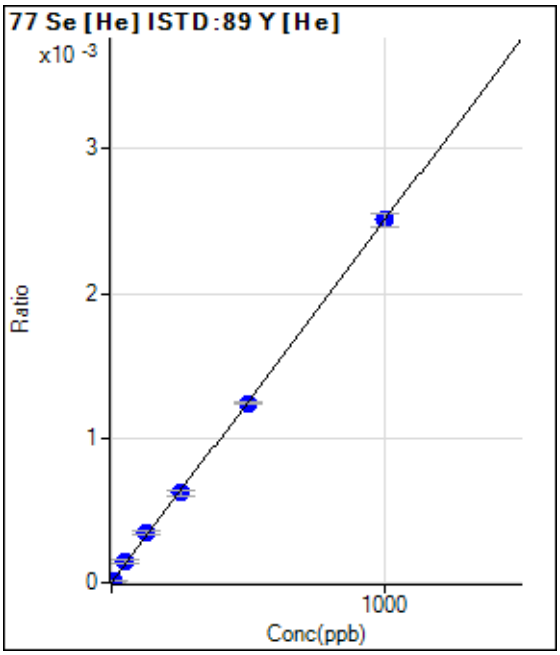
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.33	0.0000	P	23.8
2	☐	0.100	0.094	34.33	0.0000	P	11.1
3	☐	1.000	1.035	290.03	0.0001	P	4.0
4	☐	50.000	52.041	14032.71	0.0054	P	2.4
5	☐	125.000	128.279	33747.57	0.0132	P	2.3
6	☐	250.000	248.781	66939.24	0.0256	P	1.6
7	☐	500.000	502.667	131195.29	0.0518	P	0.9
8	☐	1000.000	998.459	264056.92	0.1028	P	2.1
9	☐			139.68	0.0001	P	14.4

y = 1.0297E-004 * x + 3.5405E-006
R = 1.0000
DL = 0.02459
BEC = 0.03438

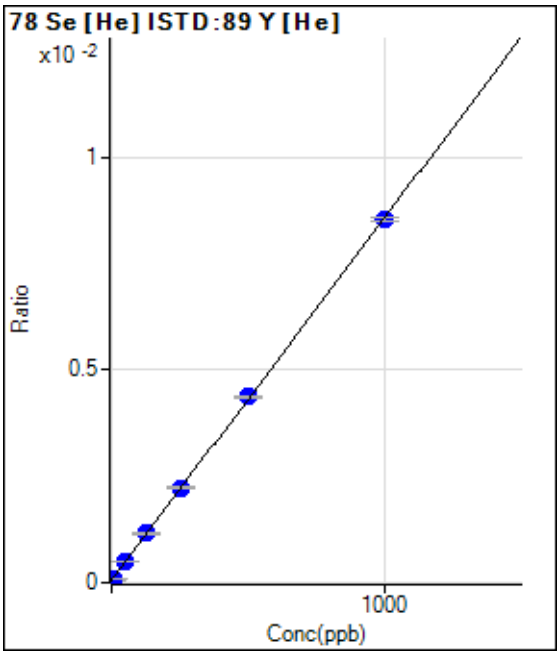
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.7
2	☐	0.500	0.523	7.78	0.0000	P	50.2
3	☐	5.000	5.408	40.00	0.0000	P	50.8
4	☐	50.000	55.229	365.56	0.0001	P	18.6
5	☐	125.000	136.796	878.93	0.0003	P	10.3
6	☐	250.000	246.476	1615.67	0.0006	P	4.7
7	☐	500.000	495.440	3147.05	0.0012	P	1.2
8	☐	1000.000	1001.423	6439.31	0.0025	P	4.0
9	☐			1.11	0.0000	P	173.2

y = 2.5025E-006 * x + 1.6929E-006
R = 0.9999
DL = 1.759
BEC = 0.6765

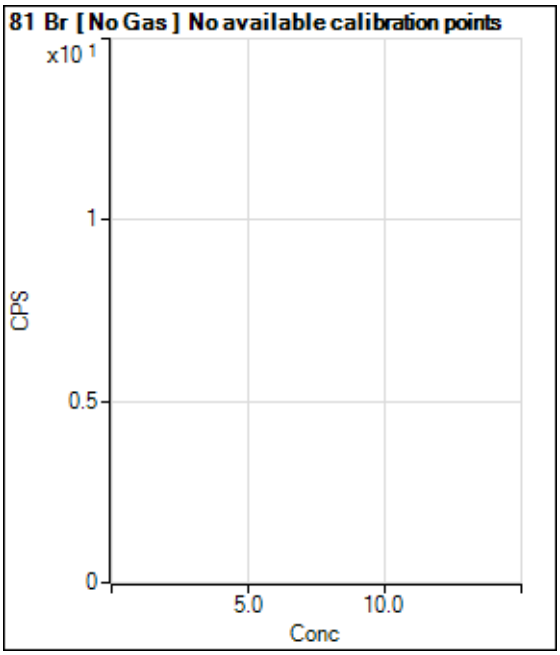
Weight: <None>
Min Conc: 0



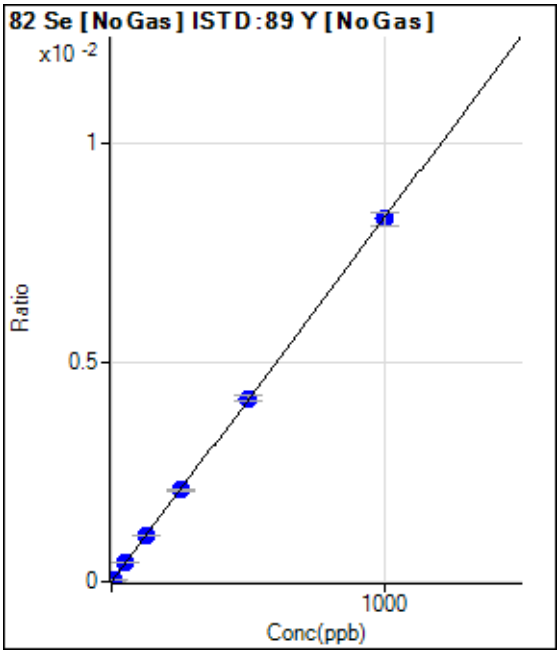
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	149.35	0.0001	P	8.1
2	☐	0.500	0.637	161.02	0.0001	P	6.7
3	☐	5.000	5.447	271.03	0.0001	P	10.1
4	☐	50.000	52.382	1315.53	0.0005	P	3.1
5	☐	125.000	129.220	2955.28	0.0012	P	2.1
6	☐	250.000	254.811	5815.13	0.0022	P	1.8
7	☐	500.000	507.003	11081.81	0.0044	P	0.9
8	☐	1000.000	994.647	21893.51	0.0085	P	1.1
9	☐			158.69	0.0001	P	9.7

y = 8.5123E-006 * x + 5.6559E-005
R = 0.9999
DL = 1.608
BEC = 6.644

Weight: <None>
Min Conc: 0



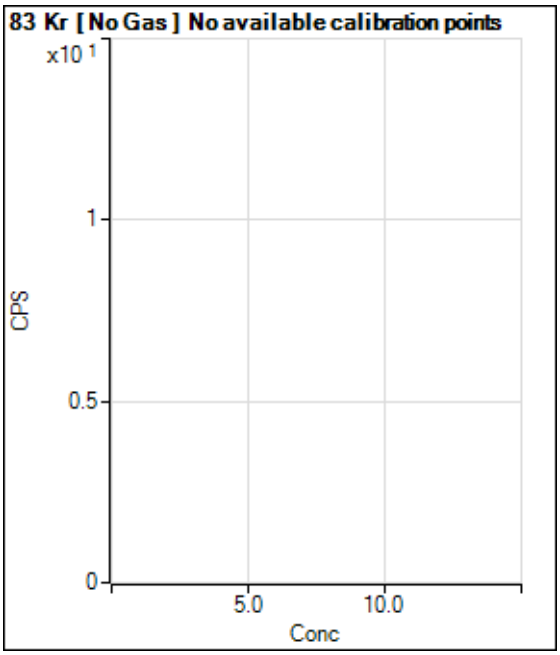
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			26964.23		P	2.4
2	☐			26790.51		P	2.5
3	☐			27318.83		P	2.8
4	☐			26930.87		P	1.6
5	☐			26743.94		P	2.1
6	☐			26008.30		P	2.0
7	☐			25245.70		P	1.3
8	☐			25529.98		P	3.4
9	☐			27074.37		P	3.3



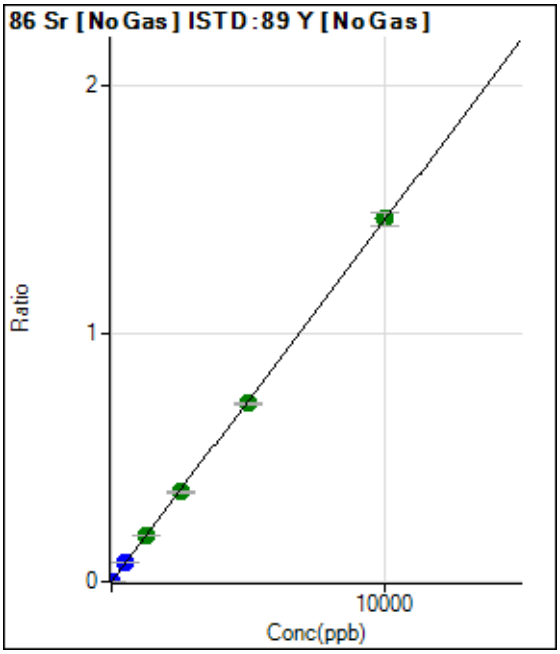
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-57.94	0.0000	P	-136.
2	☑	0.500					
3	☐	5.000	5.649	766.50	0.0000	P	21.5
4	☐	50.000	53.325	7795.67	0.0004	P	4.3
5	☐	125.000	126.971	18909.27	0.0011	P	0.5
6	☐	250.000	251.773	37608.74	0.0021	P	1.4
7	☐	500.000	503.811	74864.56	0.0042	P	3.2
8	☐	1000.000	997.236	147759.67	0.0083	P	3.6
9	☐			312.18	0.0000	P	74.8

y = 8.3170E-006 * x - 3.2510E-006
R = 1.0000
DL = 1.601
BEC = -0.3909

Weight: <None>
Min Conc: 0



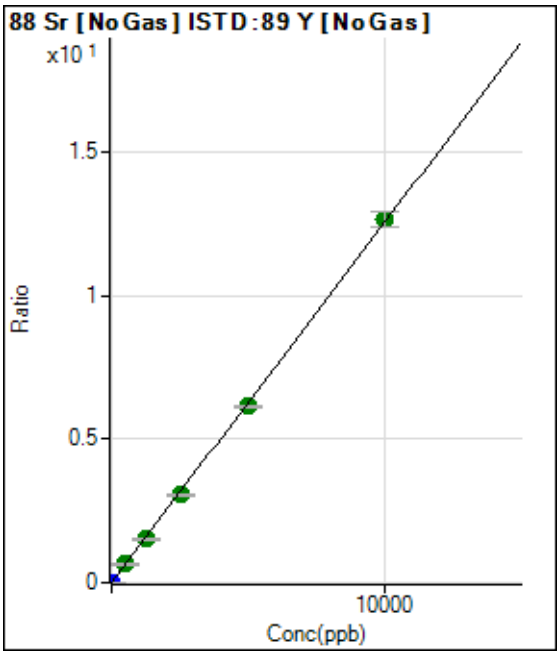
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5895.52		P	2.7
2	☐			5840.08		P	1.6
3	☐			5843.83		P	2.1
4	☐			5843.84		P	1.2
5	☐			6025.14		P	0.7
6	☐			5760.89		P	0.2
7	☐			5797.99		P	0.7
8	☐			5849.67		P	2.9
9	☐			5913.02		P	1.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9317.28	0.0005	P	0.6
2	☐	0.100	-0.020	9281.09	0.0005	P	5.1
3	☐	1.000	0.951	11619.05	0.0007	P	5.3
4	☐	500.000	513.891	1333960.20	0.0753	P	2.5
5	☐	1250.000	1274.833	3340608.76	0.1860	A	3.2
6	☐	2500.000	2478.204	6493940.51	0.3611	A	3.5
7	☐	5000.000	4931.789	12845855.41	0.7181	A	1.1
8	☐	10000.000	10035.756	26033198.84	1.4608	A	3.8
9	☐			34836.49	0.0020	P	7.0

y = 1.4550E-004 * x + 5.2419E-004
R = 1.0000
DL = 0.06801
BEC = 3.603

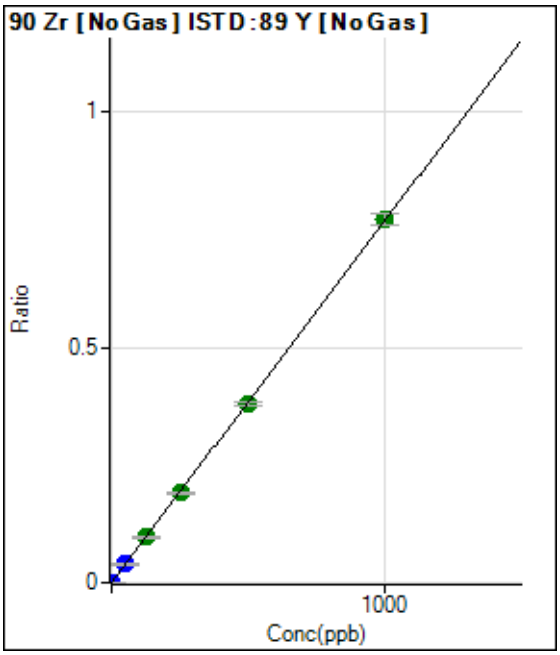
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0000	P	24.4
2	☐	0.100	0.094	2369.70	0.0001	P	4.9
3	☐	1.000	0.994	22118.11	0.0013	P	3.8
4	☐	500.000	508.304	11290556.24	0.6374	A	3.2
5	☐	1250.000	1213.686	27325043.32	1.5220	A	5.0
6	☐	2500.000	2442.421	55090896.37	3.0628	A	1.6
7	☐	5000.000	4888.766	109675595.5	6.1304	A	1.2
8	☐	10000.000	10074.136	225114991.1	12.6328	A	4.2
9	☐			214243.08	0.0122	P	7.7

y = 0.0013 * x + 1.4859E-005
R = 0.9999
DL = 0.008658
BEC = 0.01185

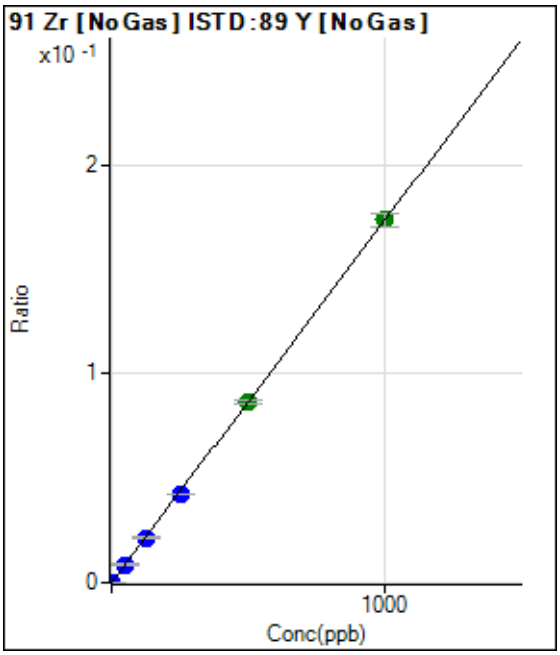
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	938.94	0.0001	P	9.5
2	☐	0.100	0.088	2150.23	0.0001	P	5.9
3	☐	1.000	0.965	13926.77	0.0008	P	3.3
4	☐	50.000	50.799	692161.41	0.0391	P	3.4
5	☐	125.000	125.190	1728646.24	0.0962	A	1.1
6	☐	250.000	248.830	3440351.68	0.1912	A	2.2
7	☐	500.000	493.318	6779929.40	0.3791	A	1.8
8	☐	1000.000	1003.570	13743842.84	0.7711	A	3.0
9	☐			10913.01	0.0006	P	10.2

y = 7.6827E-004 * x + 5.2840E-005
R = 1.0000
DL = 0.01964
BEC = 0.06878

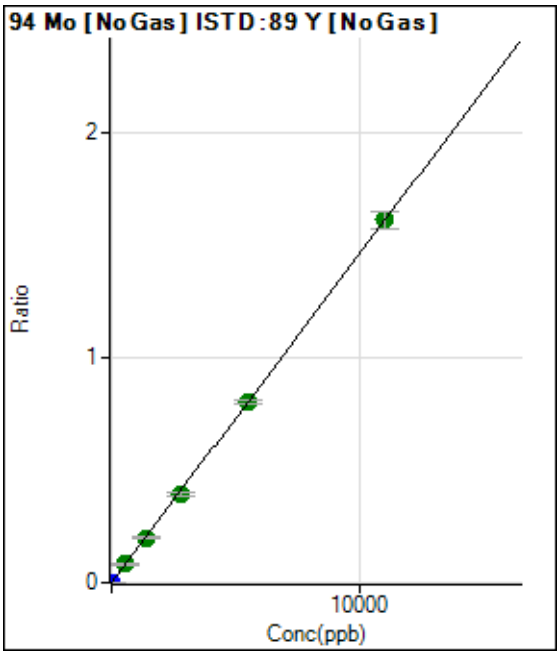
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	15.2
2	☐	0.100	0.111	491.68	0.0000	P	22.2
3	☐	1.000	0.986	3142.10	0.0002	P	9.0
4	☐	50.000	50.276	154285.51	0.0087	P	5.0
5	☐	125.000	123.999	385775.55	0.0215	P	3.3
6	☐	250.000	244.169	760721.01	0.0423	P	2.1
7	☐	500.000	499.143	1545933.56	0.0864	A	2.8
8	☐	1000.000	1001.998	3092423.66	0.1735	A	4.0
9	☐			2400.28	0.0001	P	2.3

y = 1.7318E-004 * x + 8.4436E-006
R = 1.0000
DL = 0.02221
BEC = 0.04876

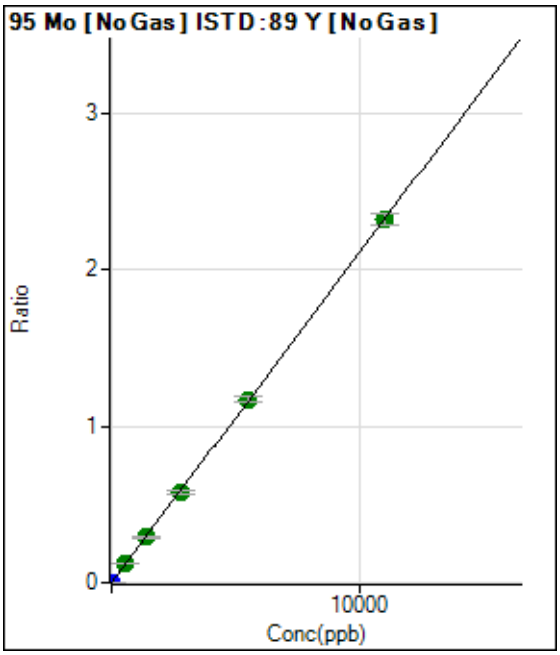
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.34	0.0000	P	28.0
2	☐	0.500	0.583	1775.16	0.0001	P	4.6
3	☐	5.000	6.168	16054.22	0.0009	P	4.0
4	☐	550.000	557.926	1442803.05	0.0815	A	4.9
5	☐	1375.000	1361.481	3570505.11	0.1988	A	2.3
6	☐	2750.000	2703.775	7100202.07	0.3948	A	3.7
7	☐	5500.000	5482.380	14316381.91	0.8006	A	2.8
8	☐	11000.000	11021.660	28678914.18	1.6095	A	4.7
9	☐			17030.69	0.0010	P	16.9

y = 1.4603E-004 * x + 1.4548E-005
R = 1.0000
DL = 0.08381
BEC = 0.09963

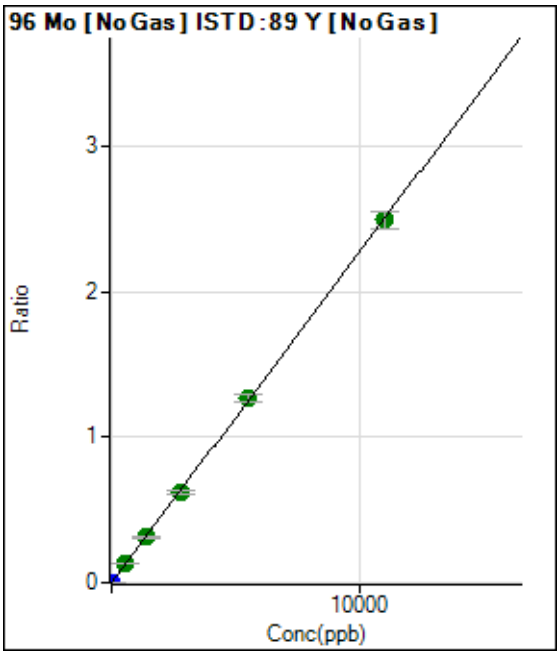
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.6
2	☐	0.500	0.468	1789.06	0.0001	P	4.5
3	☐	5.000	5.143	19108.13	0.0011	P	2.9
4	☐	550.000	569.249	2130471.66	0.1204	A	5.5
5	☐	1375.000	1381.468	5245086.49	0.2921	A	2.4
6	☐	2750.000	2730.935	10383407.96	0.5774	A	3.5
7	☐	5500.000	5543.044	20955546.13	1.1719	A	3.3
8	☐	11000.000	10981.473	41381392.25	2.3217	A	3.1
9	☐			22491.84	0.0013	P	20.5

y = 2.1142E-004 * x + 1.4091E-006
R = 1.0000
DL = 0.01772
BEC = 0.006665

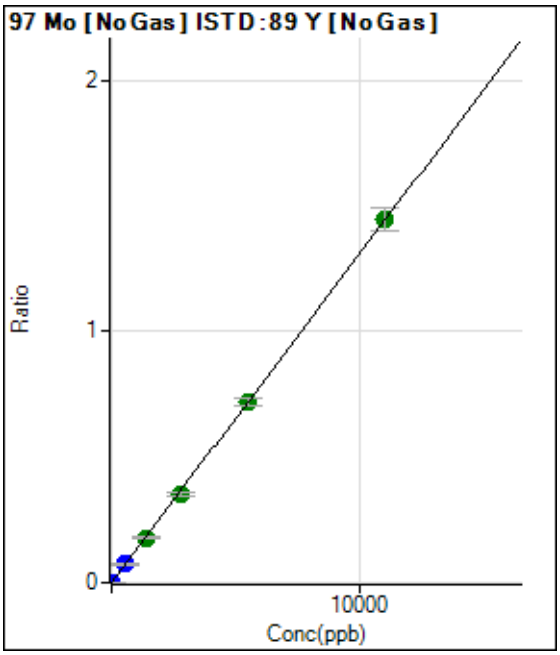
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	38.4
2	☐	0.500	0.511	2264.15	0.0001	P	3.5
3	☐	5.000	5.158	20760.57	0.0012	P	1.8
4	☐	550.000	568.206	2285995.10	0.1291	A	4.8
5	☐	1375.000	1373.305	5602721.00	0.3120	A	3.2
6	☐	2750.000	2730.197	11154670.65	0.6204	A	4.6
7	☐	5500.000	5585.341	22688858.84	1.2691	A	4.3
8	☐	11000.000	10961.582	44380274.60	2.4907	A	5.0
9	☐			35199.58	0.0020	P	14.2

y = 2.2722E-004 * x + 1.0928E-005
R = 1.0000
DL = 0.05543
BEC = 0.0481

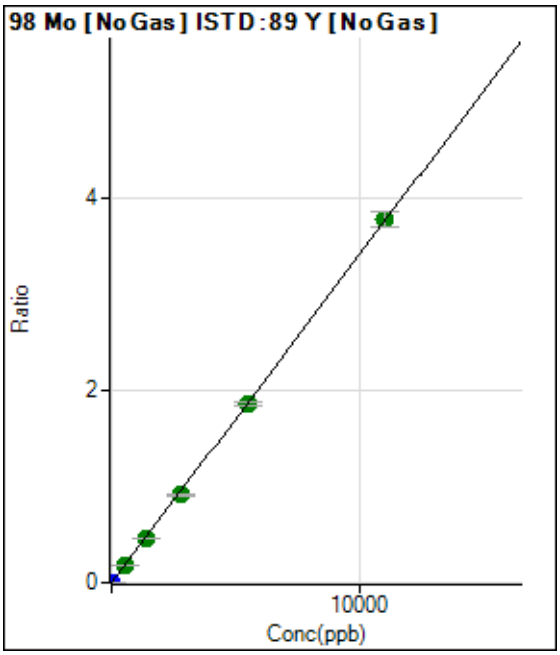
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.4
2	☐	0.500	0.507	1197.31	0.0001	P	5.2
3	☐	5.000	5.073	11674.69	0.0007	P	3.5
4	☐	550.000	562.105	1304613.50	0.0737	P	3.9
5	☐	1375.000	1361.412	3203550.01	0.1784	A	3.5
6	☐	2750.000	2671.749	6296793.76	0.3502	A	3.4
7	☐	5500.000	5489.498	12862548.03	0.7194	A	3.9
8	☐	11000.000	11025.907	25739975.75	1.4450	A	6.5
9	☐			14233.01	0.0008	P	17.7

y = 1.3106E-004 * x + 7.8169E-007
R = 1.0000
DL = 0.01242
BEC = 0.005964

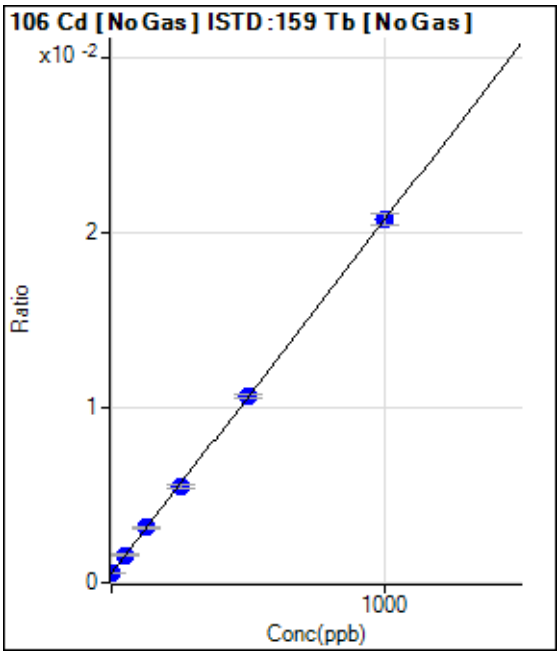
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.55	0.0000	P	9.1
2	☐	0.500	0.489	3025.42	0.0002	P	3.5
3	☐	5.000	5.032	30133.49	0.0017	P	3.7
4	☐	550.000	548.978	3315745.69	0.1871	A	1.4
5	☐	1375.000	1349.689	8260373.88	0.4600	A	2.0
6	☐	2750.000	2672.112	16379337.35	0.9107	A	2.7
7	☐	5500.000	5445.547	33187893.80	1.8559	A	2.8
8	☐	11000.000	11049.913	67107952.20	3.7660	A	4.4
9	☐			33838.55	0.0019	P	20.1

y = 3.4082E-004 * x + 3.1264E-006
R = 1.0000
DL = 0.002515
BEC = 0.009173

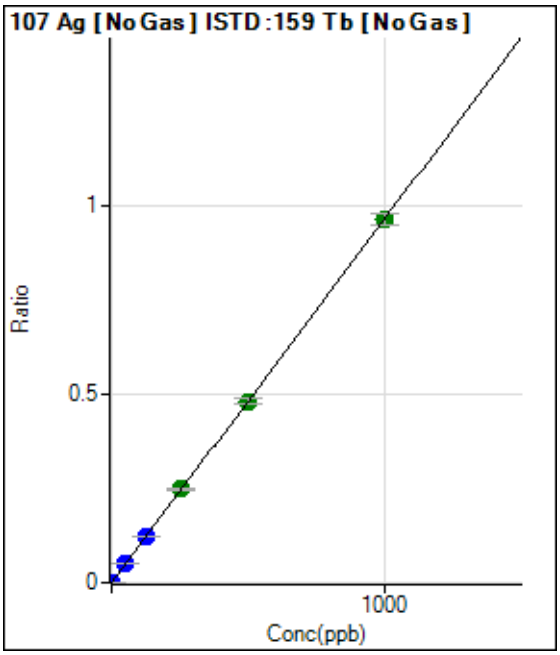
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4792.63	0.0005	P	4.4
2	☐	0.100	0.131	4762.08	0.0005	P	5.2
3	☐	1.000	1.462	4995.50	0.0006	P	3.9
4	☐	50.000	50.571	13910.19	0.0016	P	5.5
5	☐	125.000	129.991	28638.98	0.0032	P	2.1
6	☐	250.000	246.138	50072.93	0.0055	P	2.7
7	☐	500.000	500.381	97802.21	0.0106	P	2.4
8	☐	1000.000	1000.122	190373.85	0.0207	P	3.3
9	☐			4995.51	0.0005	P	6.5

y = 2.0191E-005 * x + 5.3790E-004
R = 1.0000
DL = 3.513
BEC = 26.64

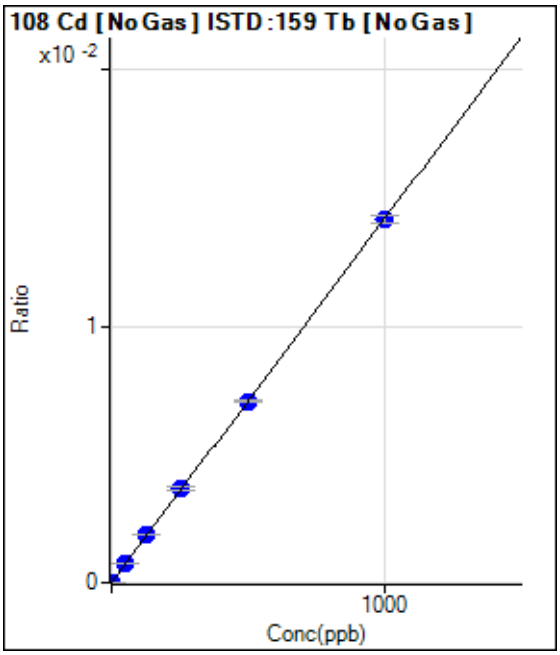
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.56	0.0000	P	4.5
2	☐	0.100	0.091	980.62	0.0001	P	8.4
3	☐	1.000	1.057	9192.22	0.0010	P	6.2
4	☐	50.000	52.896	456524.34	0.0511	P	4.1
5	☐	125.000	127.623	1117210.80	0.1234	P	2.3
6	☐	250.000	257.305	2260592.39	0.2487	A	3.0
7	☐	500.000	499.421	4436267.94	0.4827	A	2.4
8	☐	1000.000	997.990	8856425.02	0.9645	A	3.3
9	☐			4650.93	0.0005	P	15.3

y = 9.6642E-004 * x + 2.3076E-005
R = 1.0000
DL = 0.003224
BEC = 0.02388

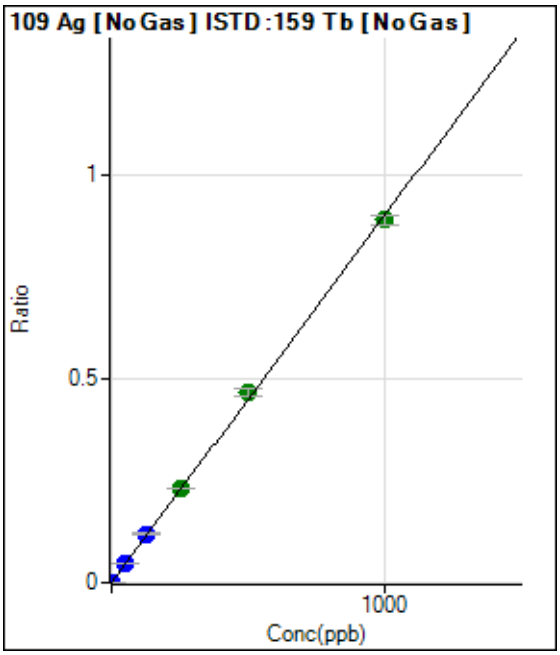
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	12.3
2	☐	0.100	0.160	66.67	0.0000	P	12.4
3	☐	1.000	0.982	169.45	0.0000	P	12.2
4	☐	50.000	53.482	6818.43	0.0008	P	5.8
5	☐	125.000	131.096	16892.50	0.0019	P	2.6
6	☐	250.000	258.664	33405.94	0.0037	P	3.5
7	☐	500.000	498.966	65123.33	0.0071	P	1.9
8	☐	1000.000	997.415	130034.00	0.0142	P	2.2
9	☐			144.45	0.0000	P	7.1

y = 1.4190E-005 * x + 5.2939E-006
R = 0.9999
DL = 0.1375
BEC = 0.3731

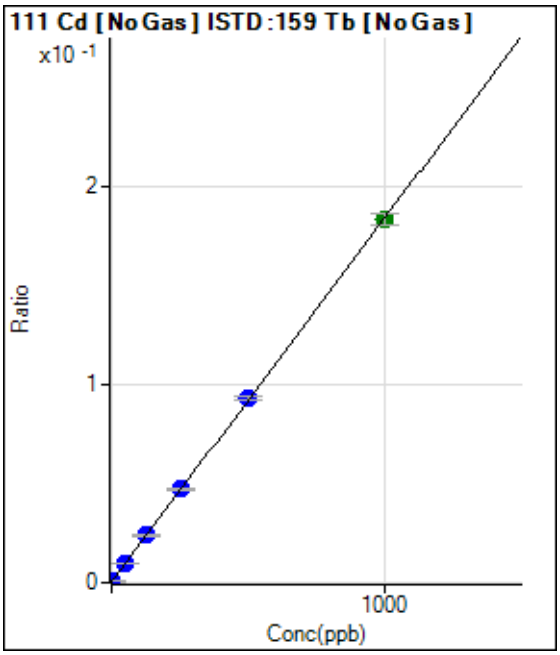
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	29.4
2	☐	0.100	0.080	800.05	0.0001	P	15.4
3	☐	1.000	1.054	8513.97	0.0010	P	2.3
4	☐	50.000	53.063	425962.39	0.0477	P	5.2
5	☐	125.000	132.857	1081455.88	0.1195	P	4.1
6	☐	250.000	255.525	2088987.13	0.2297	A	0.4
7	☐	500.000	518.289	4282013.20	0.4660	A	3.9
8	☐	1000.000	988.339	8159338.81	0.8885	A	2.8
9	☐			4450.86	0.0005	P	7.5

y = 8.9899E-004 * x + 1.9348E-005
R = 0.9997
DL = 0.01898
BEC = 0.02152

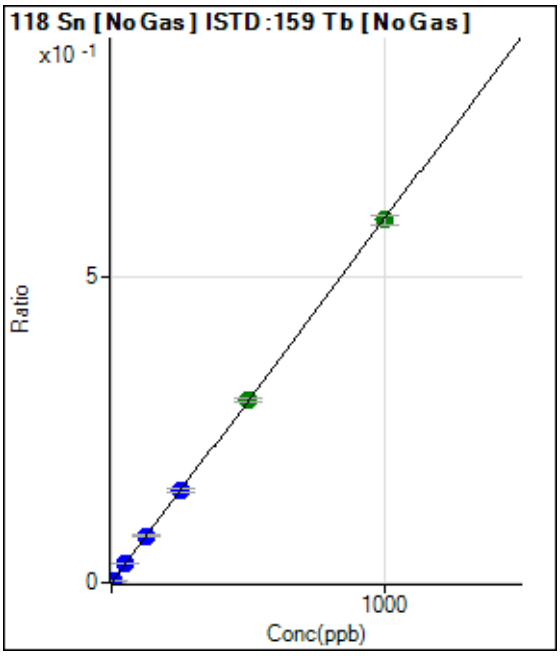
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3377.34	0.0004	P	5.1
2	☐	0.100	0.097	3496.52	0.0004	P	4.4
3	☐	1.000	1.101	5114.47	0.0006	P	3.8
4	☐	50.000	52.201	88838.53	0.0100	P	4.2
5	☐	125.000	128.078	216200.63	0.0239	P	2.0
6	☐	250.000	254.891	428397.79	0.0471	P	2.7
7	☐	500.000	504.843	854385.76	0.0930	P	2.6
8	☐	1000.000	995.861	1681122.69	0.1830	A	3.1
9	☐			4156.89	0.0005	P	7.9

y = 1.8340E-004 * x + 3.7908E-004
R = 1.0000
DL = 0.3148
BEC = 2.067

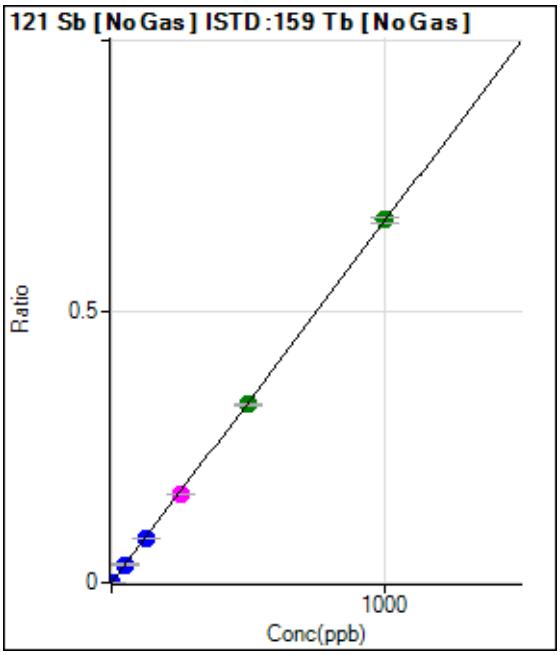
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	561.14	0.0001	P	19.0
2	☐	0.500	0.495	3144.90	0.0004	P	10.6
3	☐	5.000	5.175	27628.79	0.0031	P	2.3
4	☐	50.000	51.932	275955.80	0.0309	P	6.0
5	☐	125.000	128.792	693721.31	0.0766	P	3.7
6	☐	250.000	254.528	1375743.13	0.1514	P	3.0
7	☐	500.000	502.353	2745281.48	0.2987	A	1.6
8	☐	1000.000	997.120	5444321.39	0.5928	A	2.8
9	☐			5240.07	0.0006	P	10.9

y = 5.9442E-004 * x + 6.3128E-005
R = 1.0000
DL = 0.06051
BEC = 0.1062

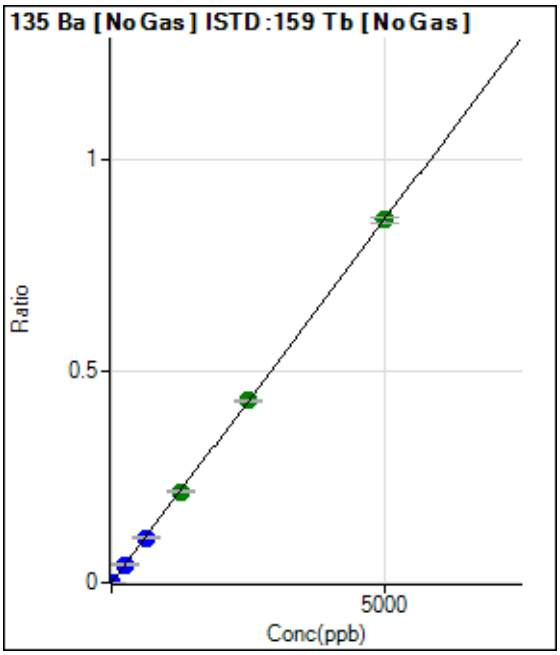
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	65.6
2	☐	0.200	0.185	1116.75	0.0001	P	6.8
3	☐	2.000	1.863	10949.16	0.0012	P	4.1
4	☐	50.000	50.503	300124.09	0.0336	P	5.3
5	☐	125.000	124.360	749982.69	0.0828	P	0.8
6	☐	250.000	246.338	1491540.42	0.1640	M	0.4
7	☐	500.000	493.260	3019004.62	0.3284	A	1.1
8	☐	1000.000	1004.341	6141959.64	0.6687	A	1.7
9	☐			6913.05	0.0008	P	5.6

y = 6.6581E-004 * x + 3.7251E-006
R = 1.0000
DL = 0.01102
BEC = 0.005595

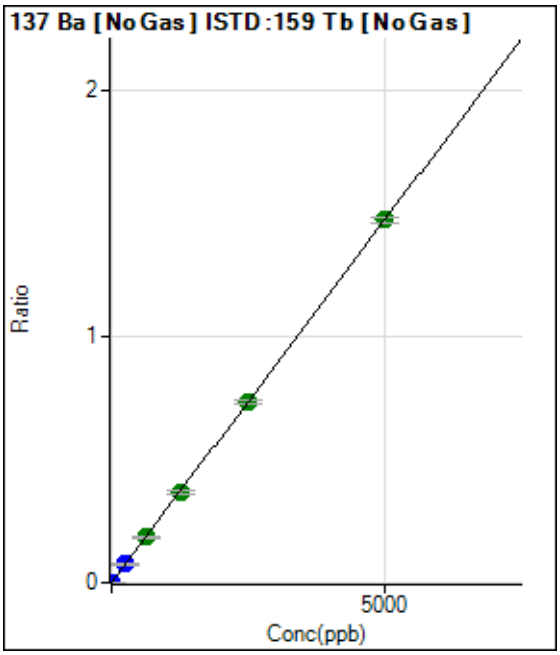
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.1
2	☐	1.000	0.965	1489.02	0.0002	P	15.2
3	☐	10.000	9.678	14630.62	0.0017	P	2.7
4	☐	250.000	248.595	380337.26	0.0426	P	4.5
5	☐	625.000	618.593	960204.24	0.1060	P	2.3
6	☐	1250.000	1249.596	1946816.34	0.2141	A	2.6
7	☐	2500.000	2508.387	3951313.28	0.4299	A	1.2
8	☐	5000.000	4996.779	7865091.50	0.8563	A	1.4
9	☐			5092.79	0.0006	P	13.0

y = 1.7137E-004 * x + 3.7361E-006
R = 1.0000
DL = 0.01573
BEC = 0.0218

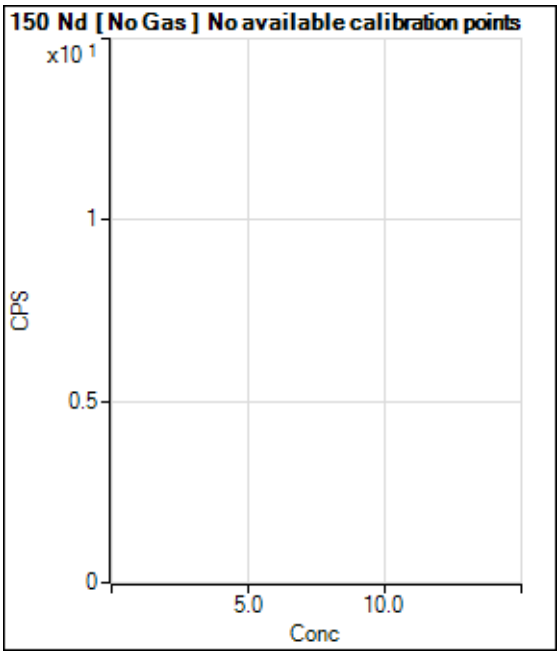
Weight: <None>
Min Conc: 0



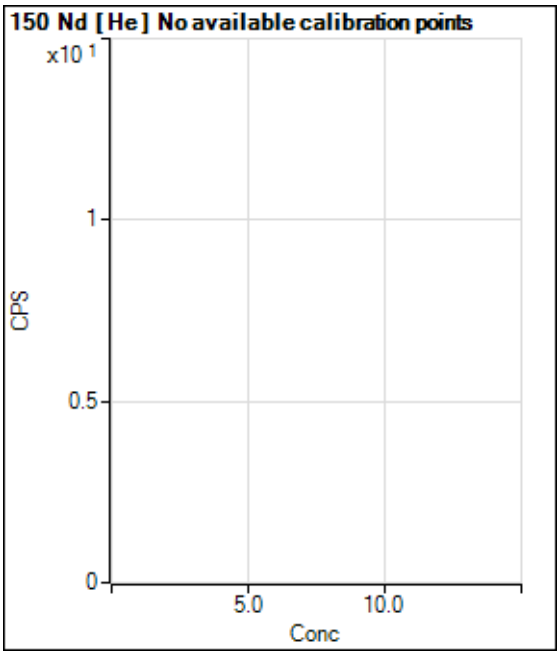
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	33.5
2	☐	1.000	0.970	2550.32	0.0003	P	13.2
3	☐	10.000	9.962	25828.33	0.0029	P	4.0
4	☐	250.000	254.841	669269.11	0.0750	P	4.2
5	☐	625.000	629.366	1676042.71	0.1851	A	4.5
6	☐	1250.000	1247.386	3335474.18	0.3669	A	2.5
7	☐	2500.000	2487.869	6726461.43	0.7319	A	1.7
8	☐	5000.000	5005.931	13525310.81	1.4726	A	1.6
9	☐			8792.09	0.0010	P	7.6

y = 2.9417E-004 * x + 4.3759E-006
R = 1.0000
DL = 0.01493
BEC = 0.01488

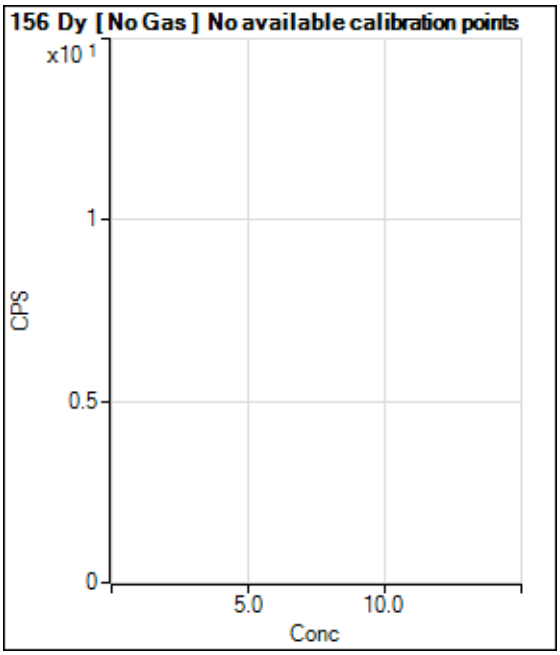
Weight: <None>
Min Conc: 0



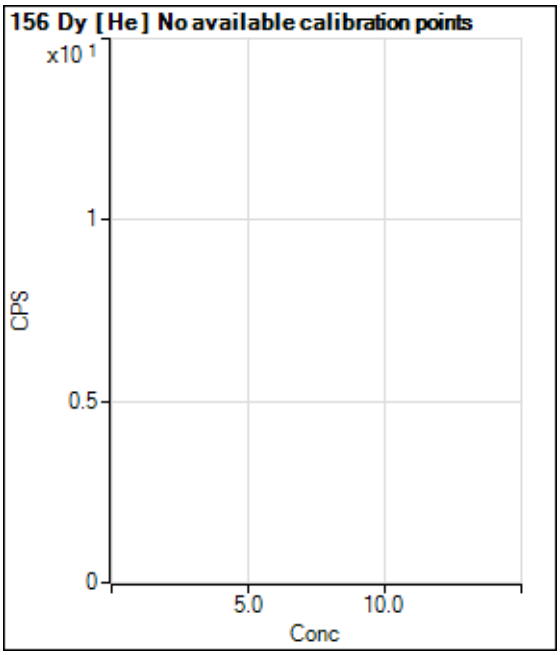
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	57.3
2	☐			8.89		P	114.5
3	☐			13.33		P	86.6
4	☐			26.67		P	50.0
5	☐			51.11		P	27.2
6	☐			111.11		P	33.0
7	☐			162.23		P	17.1
8	☐			335.57		P	19.3
9	☐			57.78		P	24.0



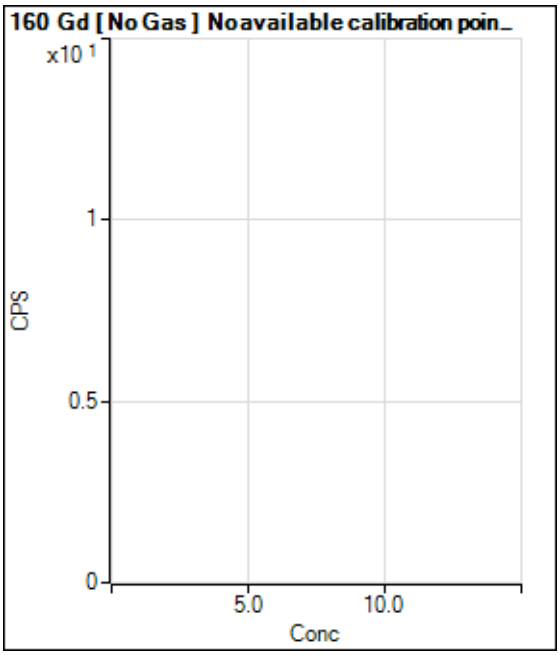
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			2.22		P	86.6
4	☐			3.33		P	0.0
5	☐			5.55		P	69.3
6	☐			12.22		P	15.7
7	☐			21.11		P	32.9
8	☐			50.00		P	24.0
9	☐			24.44		P	31.5



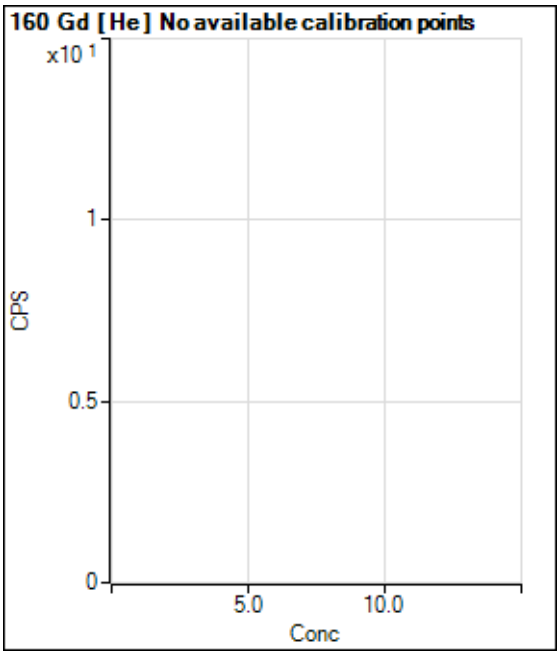
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	43.3
2	☐			11.11		P	43.3
3	☐			8.33		P	100.0
4	☐			19.44		P	65.5
5	☐			69.45		P	27.7
6	☐			63.89		P	41.9
7	☐			152.78		P	12.6
8	☐			325.01		P	6.8
9	☐			1177.86		P	9.7



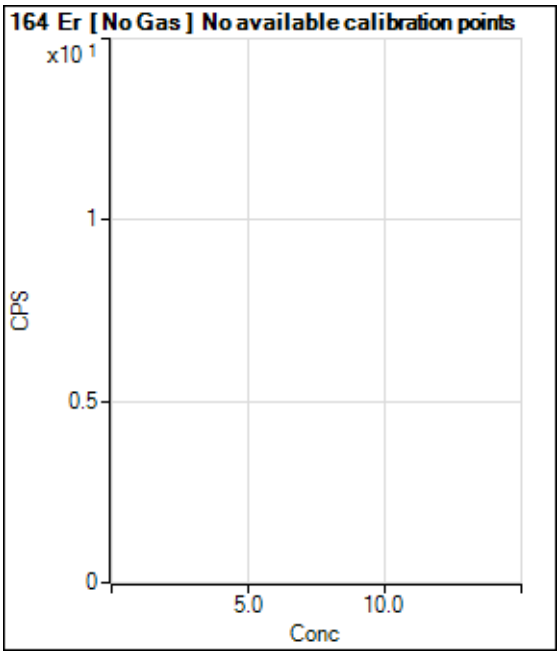
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	0.0
3	☐			2.22		P	86.6
4	☐			11.11		P	45.8
5	☐			32.22		P	23.9
6	☐			43.33		P	40.0
7	☐			91.11		P	22.1
8	☐			176.67		P	23.6
9	☐			634.47		P	9.5



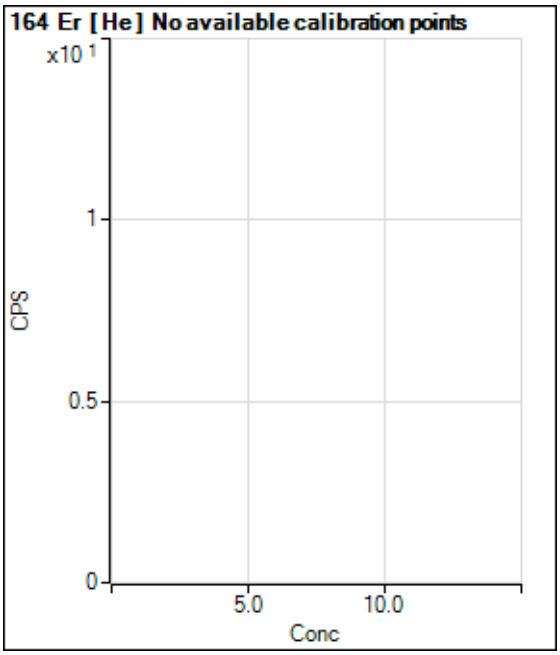
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			100.00		P	22.0
2	☐			75.00		P	29.4
3	☐			94.45		P	22.2
4	☐			91.67		P	24.1
5	☐			91.67		P	39.6
6	☐			127.78		P	32.8
7	☐			213.90		P	17.6
8	☐			252.79		P	21.2
9	☐			1069.52		P	6.6



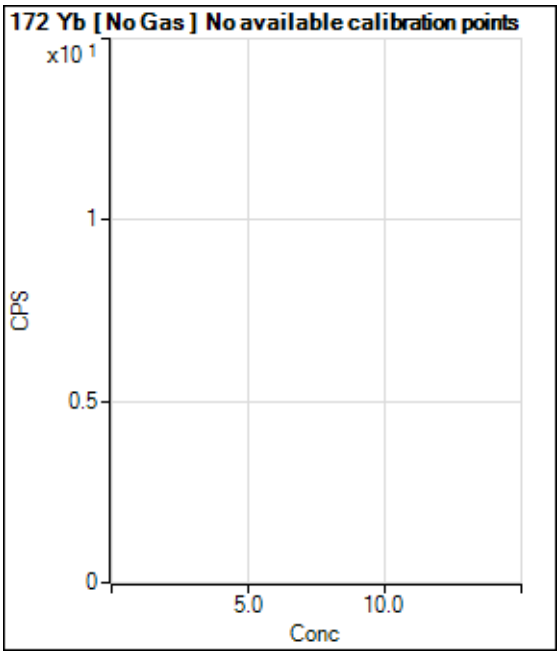
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			95.56		P	21.0
2	☐			97.78		P	11.0
3	☐			91.11		P	34.0
4	☐			103.33		P	6.5
5	☐			118.89		P	8.6
6	☐			121.11		P	22.4
7	☐			191.11		P	8.9
8	☐			250.01		P	7.1
9	☐			756.70		P	5.0



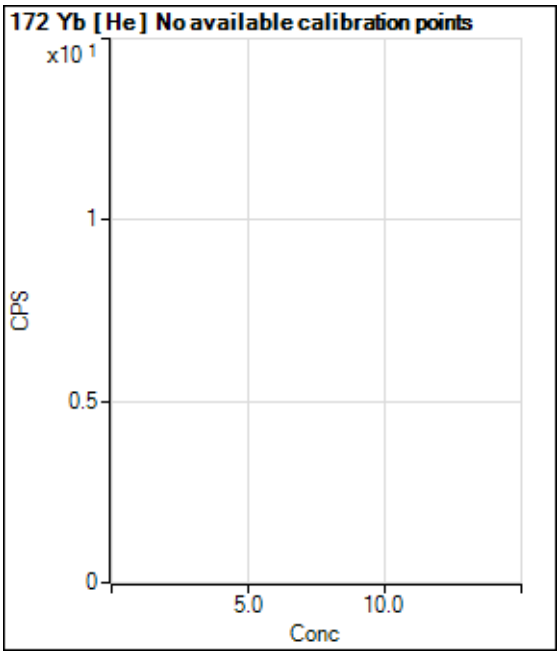
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			52.78		P	24.1
2	☐			77.78		P	34.4
3	☐			69.44		P	38.6
4	☐			41.67		P	40.0
5	☐			69.45		P	25.0
6	☐			66.67		P	25.0
7	☐			91.67		P	32.8
8	☐			111.11		P	15.6
9	☐			230.56		P	20.9



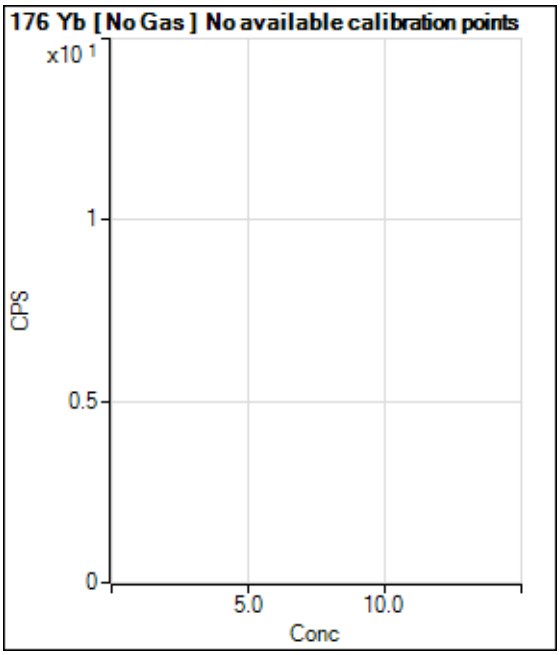
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			28.89		P	6.7
2	☐			42.22		P	29.9
3	☐			31.11		P	6.2
4	☐			33.34		P	34.6
5	☐			43.33		P	20.3
6	☐			32.22		P	36.3
7	☐			64.45		P	20.9
8	☐			80.00		P	7.2
9	☐			118.89		P	17.1



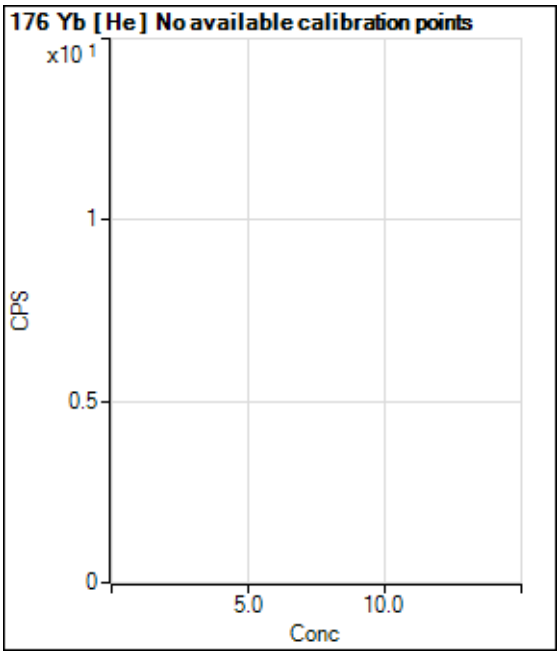
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	50.0
2	☐			19.44		P	99.0
3	☐			36.11		P	58.1
4	☐			33.33		P	50.0
5	☐			36.11		P	70.5
6	☐			38.89		P	75.3
7	☐			52.78		P	9.1
8	☐			88.89		P	28.6
9	☐			108.34		P	50.4



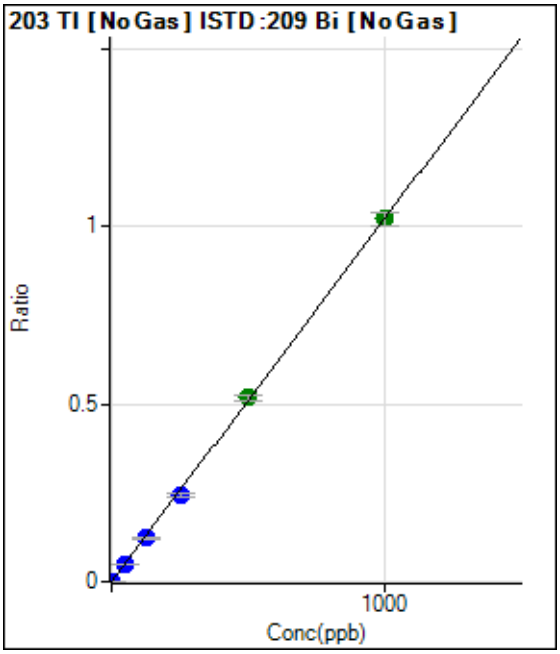
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	86.6
2	☐			12.96		P	107.9
3	☐			12.96		P	89.2
4	☐			18.52		P	62.4
5	☐			18.52		P	34.6
6	☐			11.11		P	50.0
7	☐			27.78		P	52.9
8	☐			25.93		P	12.4
9	☐			74.07		P	18.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1250.09		P	10.9
2	☐			1238.98		P	4.3
3	☐			1400.12		P	5.2
4	☐			2089.11		P	1.0
5	☐			3906.24		P	10.8
6	☐			6276.68		P	0.7
7	☐			11624.90		P	1.7
8	☐			22458.61		P	5.0
9	☐			1175.08		P	11.4



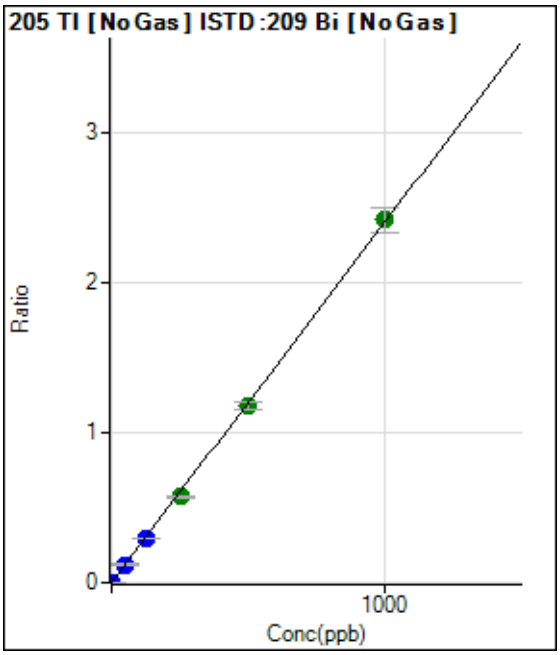
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6433.19		P	3.9
2	☐			6120.06		P	2.6
3	☐			6077.44		P	4.1
4	☐			6542.47		P	2.9
5	☐			7707.98		P	6.9
6	☐			9134.79		P	1.3
7	☐			12697.07		P	4.2
8	☐			18765.56		P	2.6
9	☐			6485.07		P	6.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	22.6
2	☐	0.100	0.091	669.48	0.0001	P	4.3
3	☐	1.000	0.979	4562.07	0.0010	P	3.5
4	☐	50.000	48.884	226579.47	0.0500	P	2.2
5	☐	125.000	120.226	571925.91	0.1229	P	2.0
6	☐	250.000	238.829	1153561.03	0.2440	P	3.3
7	☐	500.000	506.865	2429905.68	0.5178	A	3.6
8	☐	1000.000	1000.013	4858034.87	1.0215	A	3.6
9	☐			2053.01	0.0005	P	20.7

y = 0.0010 * x + 4.9870E-005
R = 0.9999
DL = 0.03313
BEC = 0.04882

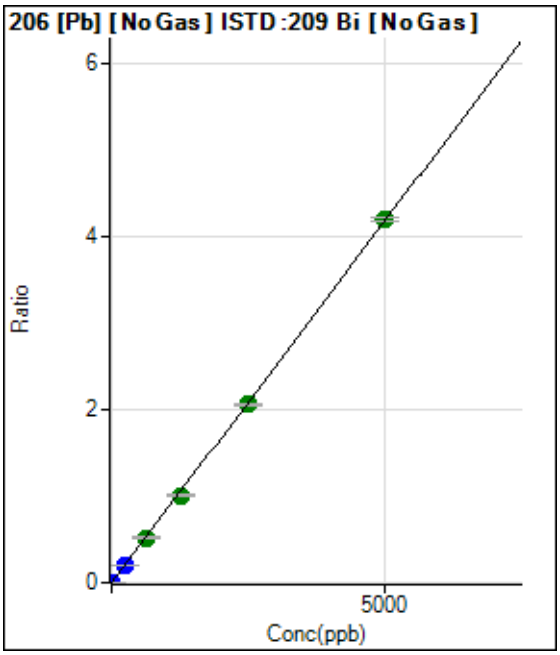
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.03	0.0001	P	22.5
2	☐	0.100	0.076	1441.79	0.0003	P	9.0
3	☐	1.000	0.993	10885.50	0.0025	P	5.4
4	☐	50.000	50.015	543676.35	0.1199	P	2.9
5	☐	125.000	123.233	1375142.86	0.2954	P	1.2
6	☐	250.000	238.789	2706207.44	0.5722	A	2.0
7	☐	500.000	490.859	5520810.89	1.1761	A	3.6
8	☐	1000.000	1007.593	11475742.01	2.4141	A	6.6
9	☐			4840.00	0.0011	P	16.6

y = 0.0024 * x + 1.2449E-004
R = 0.9999
DL = 0.03515
BEC = 0.05196

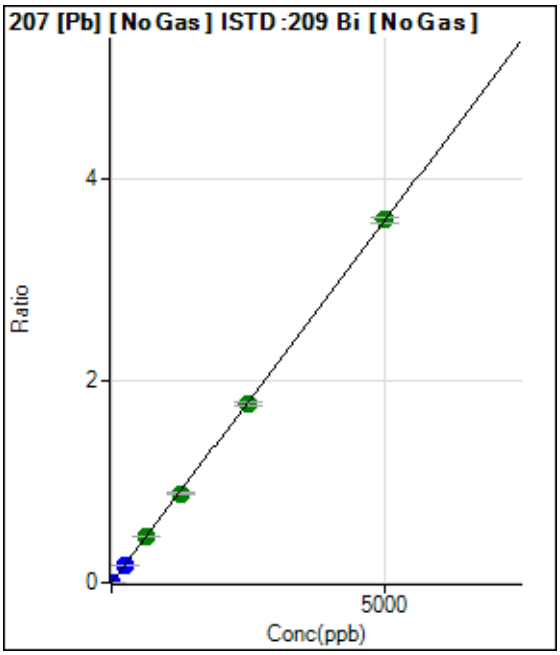
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	564.84	0.0001	P	5.2
2	☐	0.100	0.286	1696.44	0.0004	P	7.7
3	☐	1.000	0.965	4030.34	0.0009	P	2.7
4	☐	250.000	245.895	929171.53	0.2051	P	5.0
5	☐	625.000	625.367	2427620.89	0.5214	A	1.1
6	☐	1250.000	1207.855	4761613.48	1.0069	A	1.8
7	☐	2500.000	2472.441	9677668.04	2.0609	A	1.1
8	☐	5000.000	5024.475	19922871.51	4.1880	A	1.0
9	☐			10391.63	0.0024	P	18.1

y = 8.3349E-004 * x + 1.2214E-004
R = 0.9999
DL = 0.02307
BEC = 0.1465

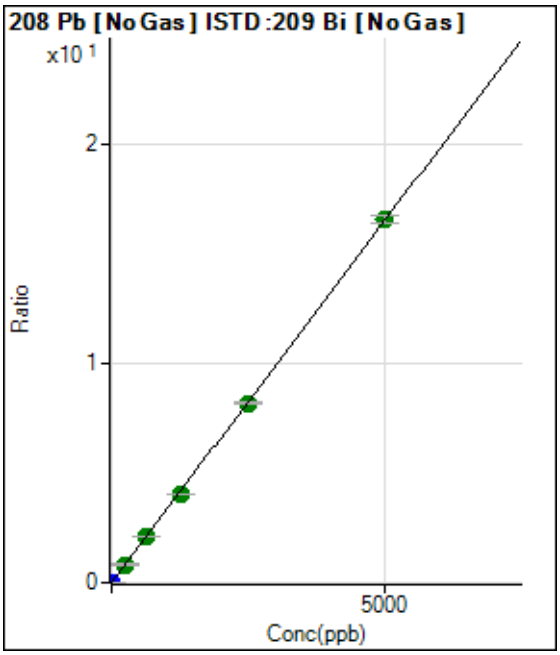
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	505.58	0.0001	P	16.2
2	☐	0.100	0.252	1364.92	0.0003	P	1.3
3	☐	1.000	1.051	3752.48	0.0009	P	3.6
4	☐	250.000	243.455	791325.76	0.1747	P	7.0
5	☐	625.000	633.492	2115390.03	0.4543	A	1.0
6	☐	1250.000	1231.059	4174789.45	0.8827	A	1.4
7	☐	2500.000	2473.361	8325221.83	1.7734	A	1.6
8	☐	5000.000	5017.320	17115298.88	3.5973	A	1.5
9	☐			8636.46	0.0020	P	17.0

y = 7.1696E-004 * x + 1.0948E-004
R = 1.0000
DL = 0.0743
BEC = 0.1527

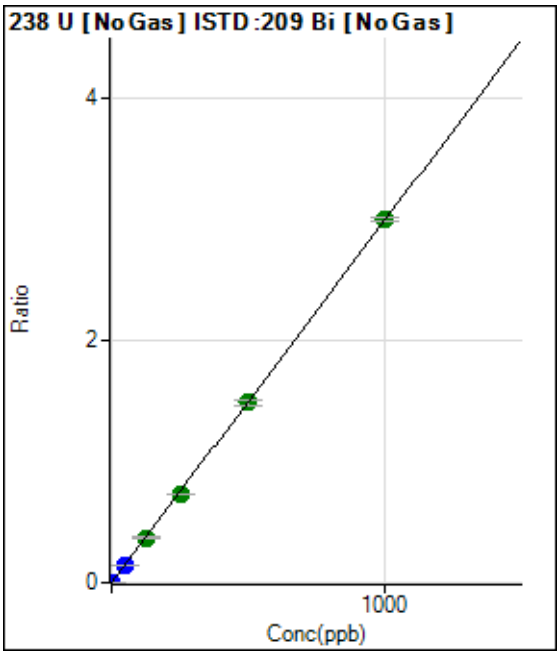
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2277.90	0.0005	P	6.7
2	☑	0.100					
3	☐	1.000	0.995	16406.25	0.0038	P	2.3
4	☐	250.000	251.946	3766958.64	0.8313	A	4.8
5	☐	625.000	633.627	9730614.45	2.0899	A	0.5
6	☐	1250.000	1223.015	19075134.63	4.0335	A	1.0
7	☐	2500.000	2479.382	38386436.15	8.1764	A	1.1
8	☐	5000.000	5015.879	78679800.49	16.5407	A	2.0
9	☐			39979.30	0.0093	P	16.5

y = 0.0033 * x + 4.9247E-004
R = 1.0000
DL = 0.03018
BEC = 0.1493

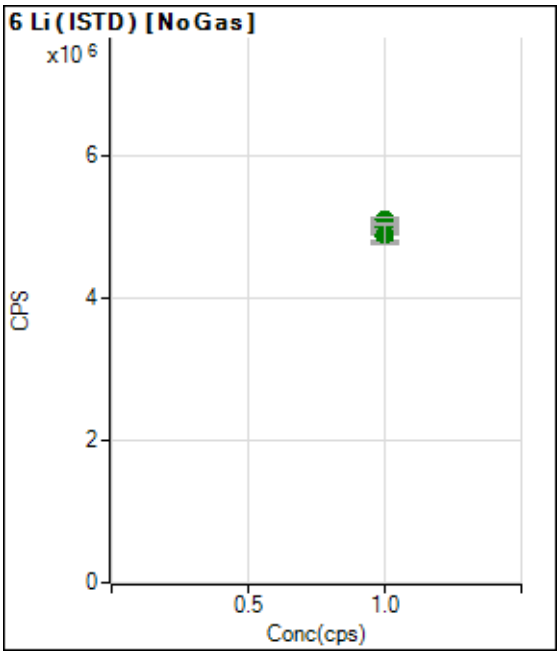
Weight: <None>
Min Conc: 0



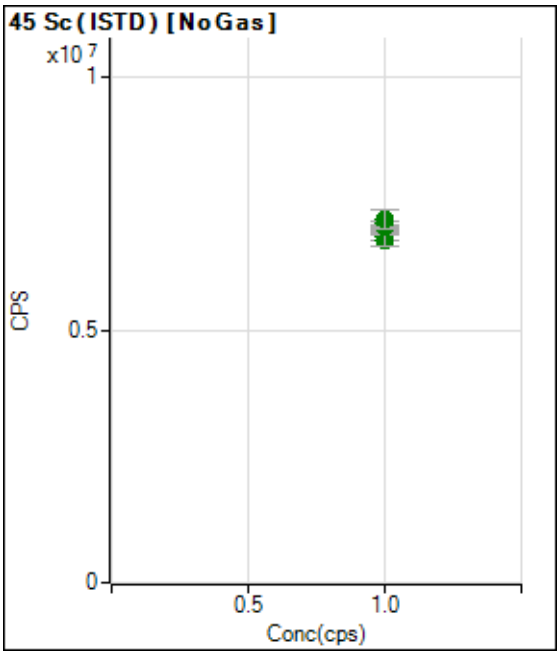
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	1.9
2	☐	0.100	0.089	1272.32	0.0003	P	15.1
3	☐	1.000	0.943	12275.75	0.0028	P	3.8
4	☐	50.000	48.919	663078.23	0.1463	P	2.5
5	☐	125.000	123.188	1715104.16	0.3684	A	4.3
6	☐	250.000	244.515	3457237.23	0.7311	A	1.0
7	☐	500.000	497.910	6988797.64	1.4888	A	2.9
8	☐	1000.000	1002.697	14266177.23	2.9982	A	1.0
9	☐			4684.44	0.0011	P	29.6

y = 0.0030 * x + 3.6042E-006
R = 1.0000
DL = 6.923E-05
BEC = 0.001205

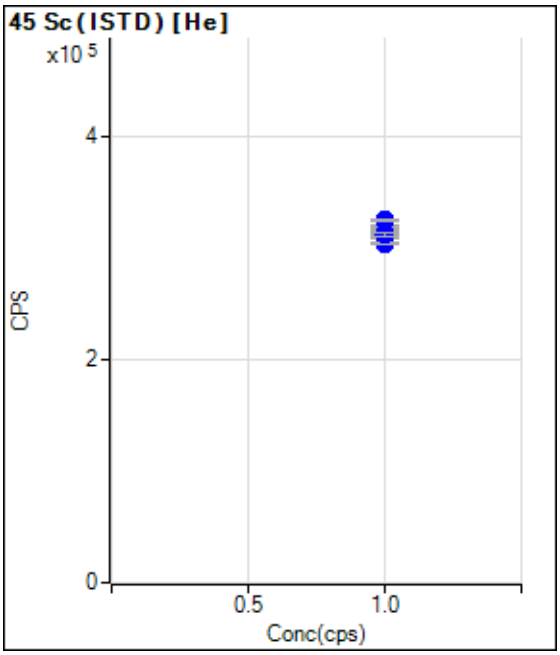
Weight: <None>
Min Conc: 0



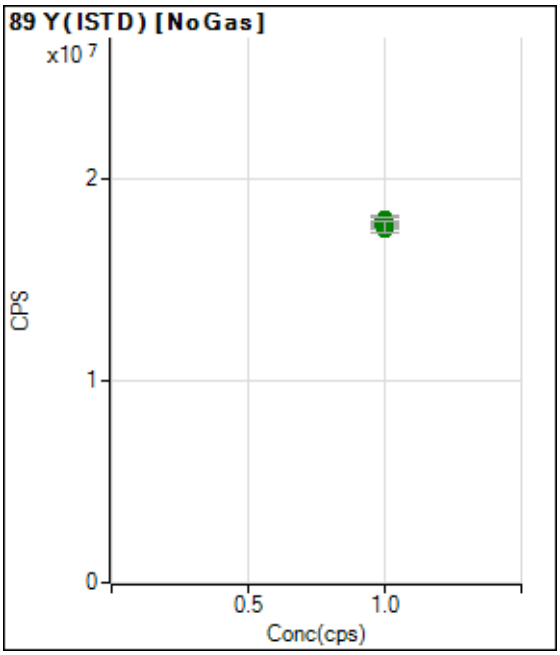
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4964797.74		A	1.5
2	☐	1.000		4918494.00		A	0.7
3	☐	1.000		4882547.29		A	2.3
4	☐	1.000		5031001.50		A	2.5
5	☐	1.000		5040871.57		A	3.0
6	☐	1.000		5107941.20		A	1.4
7	☐	1.000		5016718.02		A	1.3
8	☐	1.000		4876162.10		A	3.6
9	☐	1.000		4899456.48		A	5.0



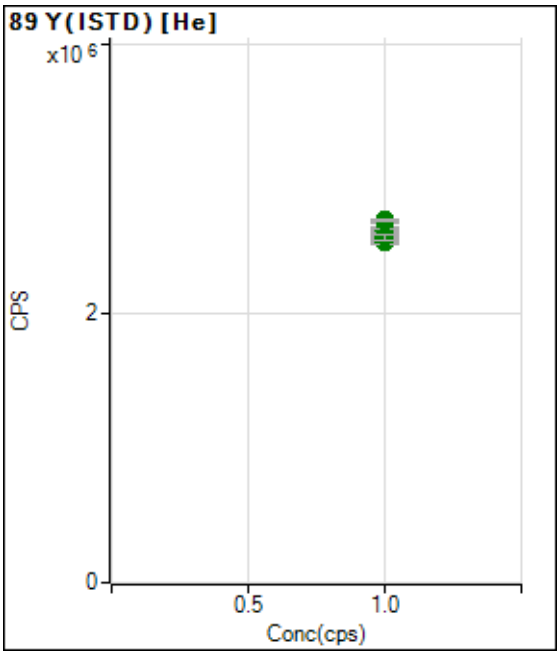
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6982502.46		A	1.4
2	☐	1.000		6976233.65		A	2.2
3	☐	1.000		6847076.91		A	1.9
4	☐	1.000		6766667.47		A	3.7
5	☐	1.000		7024152.88		A	1.7
6	☐	1.000		7100361.35		A	1.9
7	☐	1.000		7046327.74		A	0.7
8	☐	1.000		7105320.31		A	1.8
9	☐	1.000		7176438.99		A	5.1



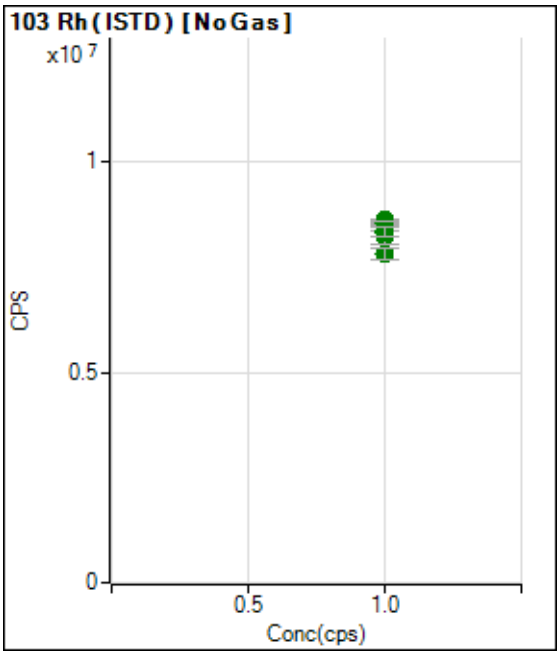
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		319612.96		P	1.1
2	☐	1.000		315345.51		P	3.0
3	☐	1.000		318949.10		P	0.4
4	☐	1.000		313234.36		P	1.5
5	☐	1.000		310314.14		P	0.3
6	☐	1.000		310372.68		P	1.1
7	☐	1.000		303837.59		P	0.8
8	☐	1.000		312272.80		P	0.9
9	☐	1.000		325255.69		P	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17774899.04		A	0.5
2	☐	1.000		17811564.60		A	1.6
3	☐	1.000		17550550.57		A	2.4
4	☐	1.000		17728534.60		A	4.3
5	☐	1.000		17960952.93		A	1.6
6	☐	1.000		17991314.18		A	2.1
7	☐	1.000		17891979.73		A	3.0
8	☐	1.000		17834091.54		A	2.9
9	☐	1.000		17631793.21		A	3.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2642937.65		A	2.3
2	☐	1.000		2601060.97		A	2.8
3	☐	1.000		2634903.02		A	0.9
4	☐	1.000		2617607.46		A	1.7
5	☐	1.000		2554806.19		A	1.4
6	☐	1.000		2612890.97		A	1.1
7	☐	1.000		2534636.44		A	0.9
8	☐	1.000		2568916.85		A	1.7
9	☐	1.000		2699807.18		A	0.5



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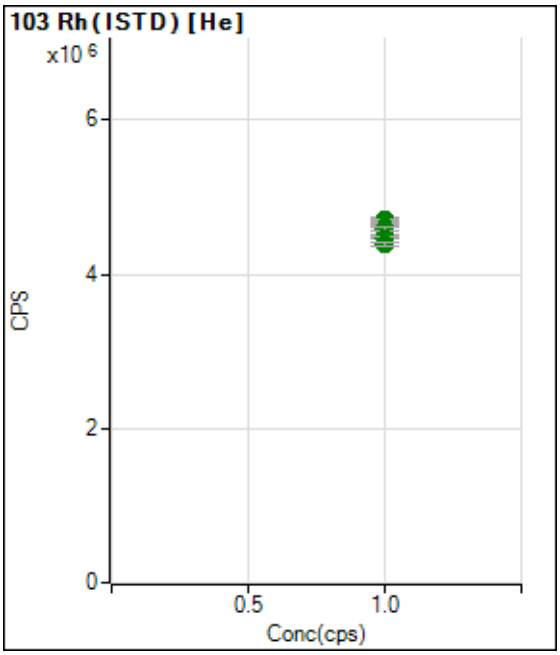
1	☐	1.000		8615521.20		A	0.5
2	☐	1.000		8512461.56		A	1.0
3	☐	1.000		8290624.40		A	1.4
4	☐	1.000		8205091.42		A	3.9
5	☐	1.000		8488562.43		A	0.4
6	☐	1.000		8518851.58		A	1.2
7	☐	1.000		8342513.64		A	2.5
8	☐	1.000		8331371.45		A	2.7
9	☐	1.000		7800549.48		A	3.4



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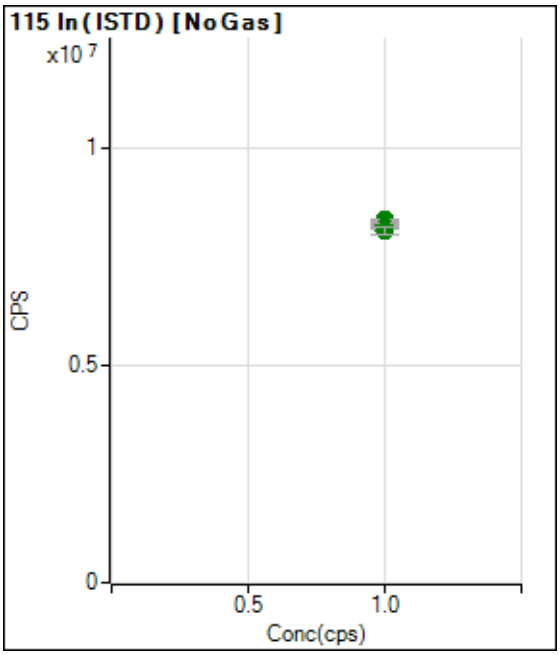
1	☐	1.000		4665174.31		A	2.2
2	☐	1.000		4695745.90		A	2.1
3	☐	1.000		4703767.95		A	0.5
4	☐	1.000		4619795.35		A	0.1
5	☐	1.000		4584591.42		A	3.0
6	☐	1.000		4584375.56		A	1.4
7	☐	1.000		4466103.23		A	0.3
8	☐	1.000		4454539.73		A	1.4
9	☐	1.000		4388746.67		A	0.7



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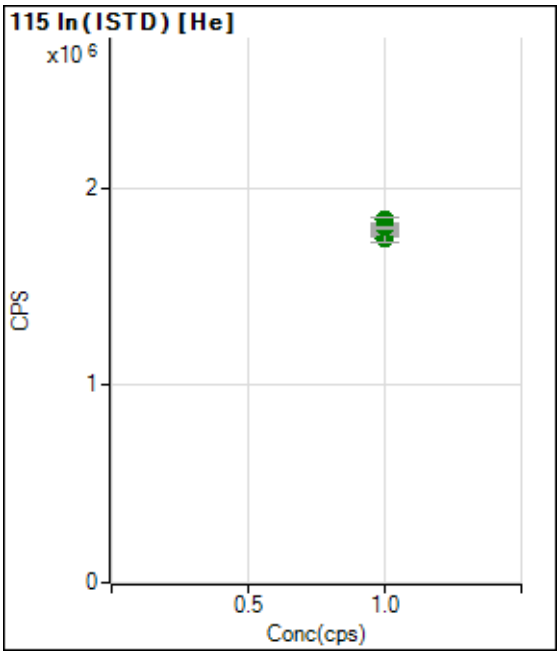
2	☐	1.000		8218382.10		A	0.5
3	☐	1.000		8259048.18		A	2.7
4	☐	1.000		8115359.12		A	3.1
5	☐	1.000		8239043.51		A	1.0
6	☐	1.000		8310094.67		A	0.7
7	☐	1.000		8350010.90		A	0.7
8	☐	1.000		8192164.00		A	1.7
9	☐	1.000		8095874.69		A	2.6



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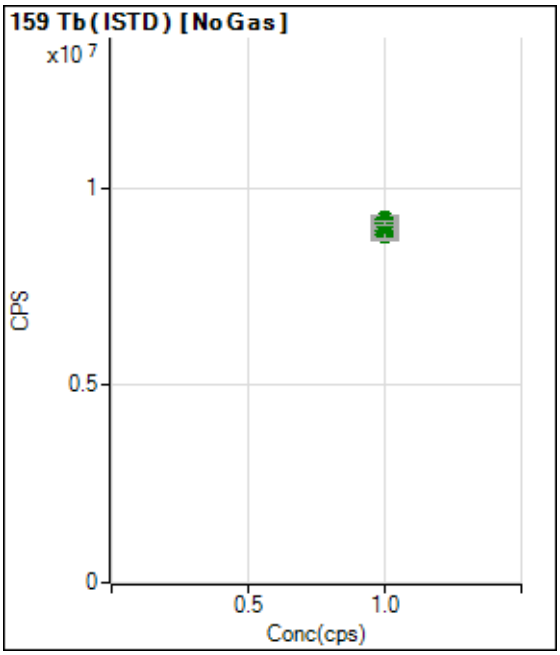
1	☐	1.000		1786559.67		A	1.0
2	☐	1.000		1825449.36		A	2.7
3	☐	1.000		1840347.07		A	1.9
4	☐	1.000		1795649.76		A	1.6
5	☐	1.000		1793445.42		A	3.2
6	☐	1.000		1761741.36		A	0.4
7	☐	1.000		1766534.69		A	1.0
8	☐	1.000		1743994.44		A	2.1
9	☐	1.000		1803109.49		A	0.6



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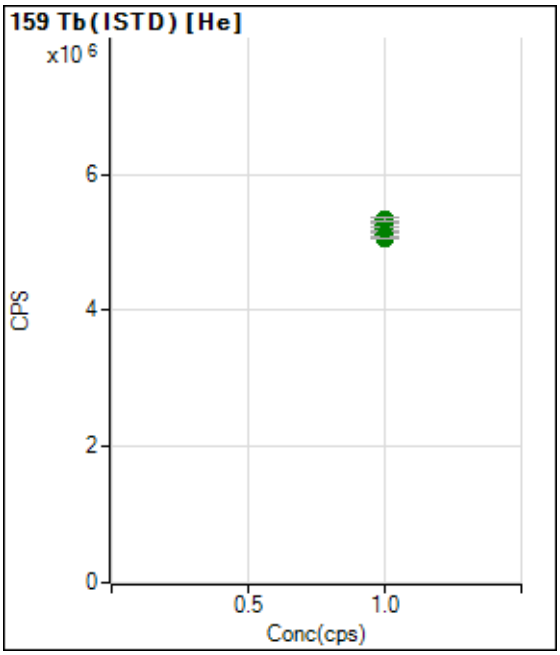
1	☐	1.000		8914289.38		A	2.5
2	☐	1.000		8809066.54		A	0.8
3	☐	1.000		8805053.27		A	2.5
4	☐	1.000		8938453.83		A	4.9
5	☐	1.000		9058164.45		A	2.0
6	☐	1.000		9093601.32		A	2.4
7	☐	1.000		9192525.91		A	1.5
8	☐	1.000		9186530.21		A	2.1
9	☐	1.000		9118835.56		A	1.0



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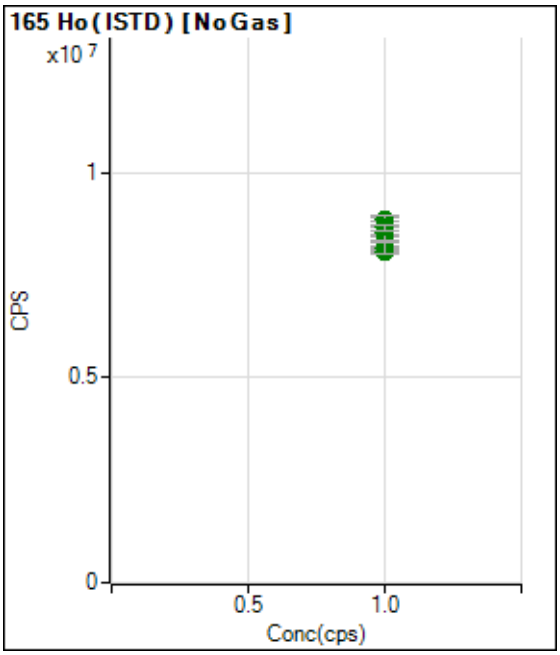
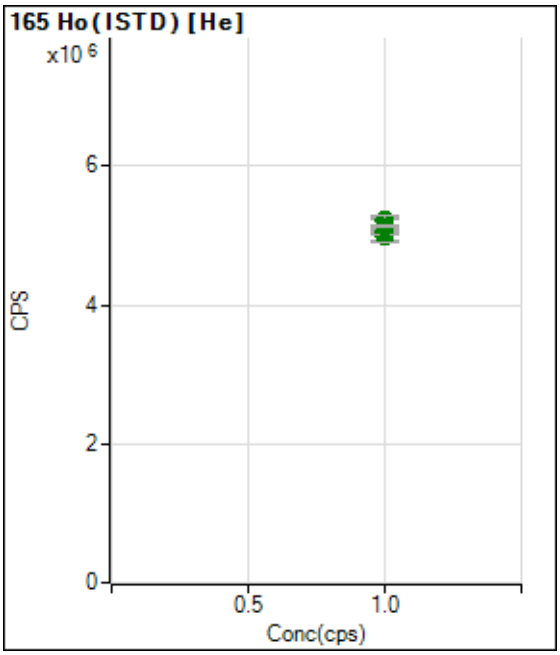
1	☐	1.000		5193632.32		A	1.1
2	☐	1.000		5102742.21		A	1.7
3	☐	1.000		5068611.35		A	0.8
4	☐	1.000		5223876.07		A	2.6
5	☐	1.000		5190724.68		A	1.1
6	☐	1.000		5261887.98		A	1.3
7	☐	1.000		5273329.71		A	1.6
8	☐	1.000		5248189.33		A	1.2
9	☐	1.000		5330898.01		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8298314.25		A	3.3
2	☐	1.000		8136193.24		A	1.6
3	☐	1.000		8043239.94		A	1.0
4	☐	1.000		8139376.66		A	3.5
5	☐	1.000		8519522.24		A	0.8
6	☐	1.000		8504340.38		A	4.0
7	☐	1.000		8836890.91		A	1.0
8	☐	1.000		8836547.16		A	2.7
9	☐	1.000		8642923.28		A	1.3



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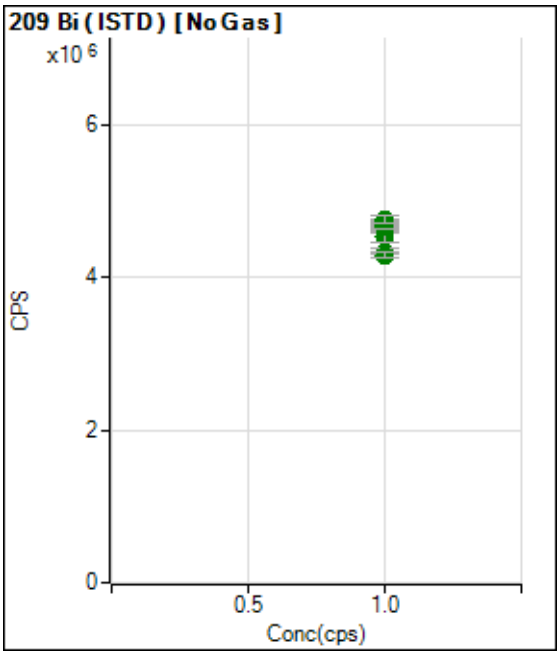
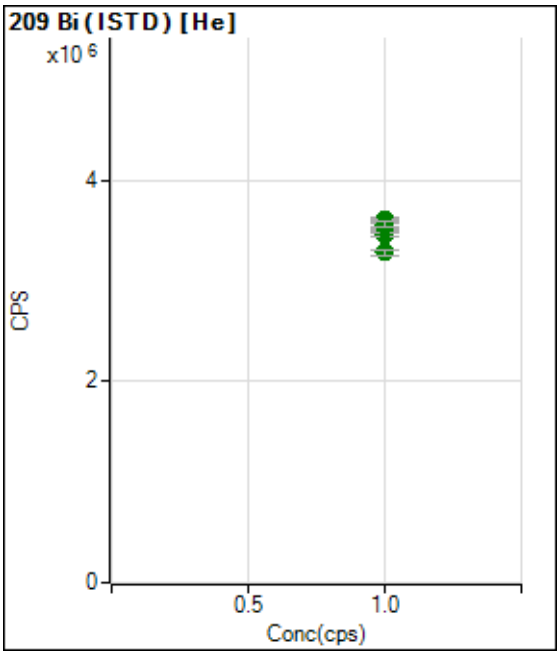
1	☐	1.000		4978153.92		A	1.7
2	☐	1.000		4984083.29		A	2.8
3	☐	1.000		5071392.46		A	1.4
4	☐	1.000		5147754.05		A	3.3
5	☐	1.000		5042607.56		A	0.8
6	☐	1.000		5061510.13		A	1.5
7	☐	1.000		5202134.54		A	2.6
8	☐	1.000		5225956.73		A	2.3
9	☐	1.000		5137644.02		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4626313.54		A	1.9
2	☐	1.000		4702589.65		A	1.4
3	☐	1.000		4348708.41		A	1.4
4	☐	1.000		4535457.16		A	3.3
5	☐	1.000		4656106.01		A	1.2
6	☐	1.000		4728890.17		A	1.1
7	☐	1.000		4695742.50		A	2.8
8	☐	1.000		4757855.24		A	2.0
9	☐	1.000		4299195.39		A	1.5



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1	☐	1.000		3471070.19		A	1.3
2	☐	1.000		3563904.26		A	3.0
3	☐	1.000		3604930.19		A	1.3
4	☐	1.000		3610409.98		A	1.6
5	☐	1.000		3513009.46		A	1.8
6	☐	1.000		3563345.75		A	2.1
7	☐	1.000		3595192.90		A	0.8
8	☐	1.000		3563615.22		A	1.7
9	☐	1.000		3283470.37		A	1.5

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P8031722MS.b
Acq. Date-Time	2022-03-17 08:34:58
Report Comment	---
Instrument Name	G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		11743	117427.85			0.519	5.000
24		90279	902787.83			0.976	5.000
25		11828	118280.00			0.897	5.000
26		13768	137680.49			0.628	5.000
59		21897	218966.18			0.858	5.000
113		8639	86391.24			1.353	5.000
115		26567	265666.54			1.304	5.000
206		8685	86845.49			2.073	5.000
207		7162	71617.14			2.094	5.000
208		18000	179996.64			2.362	5.000
220		1	13.50			21.911	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

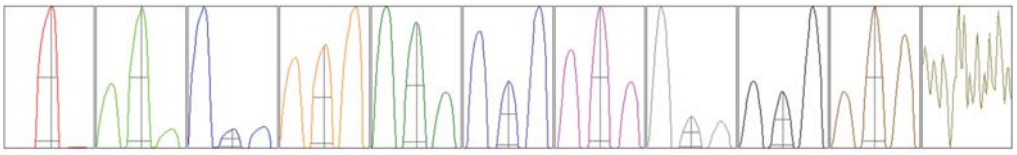
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11718	11647	11790	11769	11789
24	89449	89207	90743	90906	91089
25	11834	11658	11930	11815	11903
26	13808	13618	13779	13835	13801
59	21767	21673	21877	22037	22129
113	8550	8483	8689	8758	8715
115	26397	26083	26587	26791	26975
206	8511	8538	8622	8850	8901
207	7031	6995	7175	7259	7350
208	17647	17543	17989	18246	18573

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	2	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	19732.73	9.10	8.90 - 9.10	
24	159876.73	24.05	23.90 - 24.10	
25	20804.83	25.00	24.90 - 25.10	
26	23477.74	26.00	25.90 - 26.10	
59	40144.29	59.05	58.90 - 59.10	
113	17039.75	113.05	112.90 - 113.10	
115	51619.64	115.05	114.90 - 115.10	
206	16865.78	206.00	205.90 - 206.10	
207	14132.61	207.00	206.90 - 207.10	
208	35475.70	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.785	0.900	
24	0.61	0.784	0.900	
25	0.60	0.772	0.900	
26	0.63	0.742	0.900	
59	0.57	0.775	0.900	
113	0.53	0.695	0.900	
115	0.55	0.690	0.900	
206	0.54	0.762	0.900	
207	0.54	0.769	0.900	
208	0.53	0.777	0.900	
220	0.46			

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.7 V	Deflect	15.2 V
Extract 2	-190.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	-0.1 mm		

EM

Discriminator	4.2 mV	Analog HV	2292 V	Pulse HV	1648 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5559	55587.54			0.622	
89		20543	205426.07			0.913	
205		28813	288131.60			0.996	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5577	5502	5556	5564	5594
89	20379	20393	20452	20714	20775
205	28697	29055	29177	28517	28619

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.7 V	Deflect	4.0 V

US EPA Tune Check Report

Extract 2	-190.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	-0.1 mm		

EM

Discriminator	4.2 mV	Analog HV	2292 V	Pulse HV	1648 V