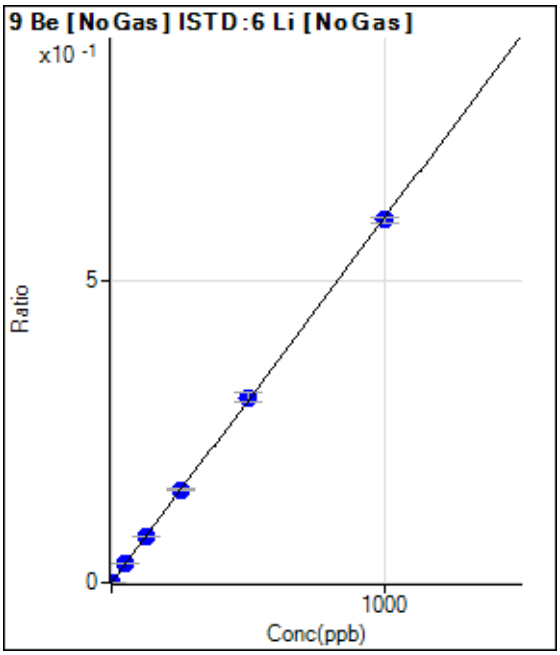
Batch Folder: D:\Agilent\ICPMH\1\DATA\P8052821AMS.b\
Analysis File: P8052821AMS.batch.bin
DA Date-Time: 2021-05-30 11:48:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

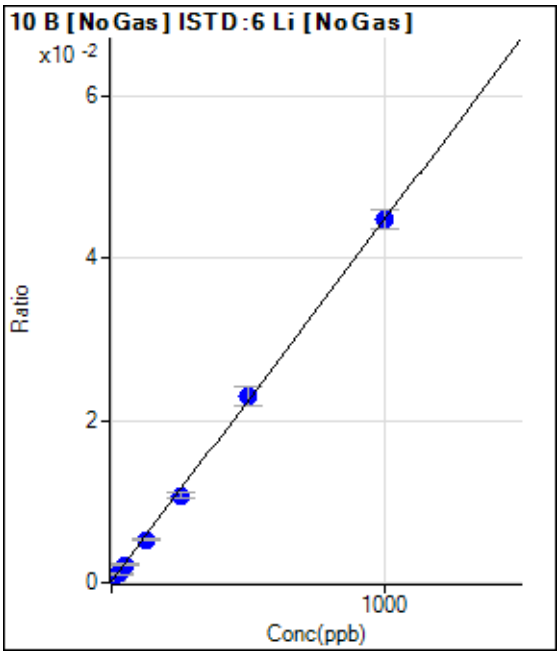
Level	Standard Data File	Sample Name	Acq. Date-Time
1	007CALB.d	S00	2021-05-28 18:47:12
2	009CALS.d	S01	2021-05-28 18:53:21
3	012CALS.d	S02	2021-05-28 19:02:33
4	013CALS.d	S03	2021-05-28 19:05:36
5	014CALS.d	S04	2021-05-28 19:08:40
6	015CALS.d	S05	2021-05-28 19:11:40
7	017CALS.d	S06	2021-05-28 19:17:44
8	020CALS.d	S07	2021-05-28 19:26:42
9	022CALS.d	S08	2021-05-28 19:35:09



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.99	0.0000	P	44.0
2	☐	0.100	0.101	106.65	0.0001	P	10.3
3	☐	1.000	0.946	711.21	0.0006	P	3.4
4	☐	50.000	50.918	37554.73	0.0309	P	2.3
5	☐	125.000	127.126	93659.73	0.0770	P	2.4
6	☐	250.000	253.996	189263.36	0.1538	P	1.8
7	☐	500.000	507.970	376463.35	0.3076	P	5.3
8	☐	1000.000	994.705	746651.19	0.6024	P	1.3
9	☐			157.97	0.0001	P	11.8

y = 6.0554E-004 * x + 2.8232E-005
R = 0.9999
DL = 0.06153
BEC = 0.04662

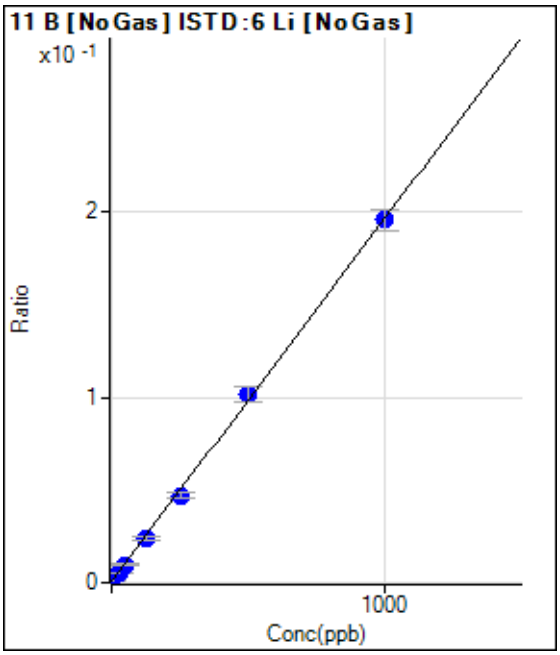
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.96	0.0002	P	6.2
2	☐	2.500	0.611	251.29	0.0002	P	10.6
3	☐	25.000	20.793	1316.47	0.0011	P	10.0
4	☐	50.000	45.192	2677.06	0.0022	P	10.3
5	☐	125.000	115.199	6482.83	0.0053	P	7.8
6	☐	250.000	237.182	13265.39	0.0108	P	6.4
7	☐	500.000	511.880	28181.36	0.0230	P	9.9
8	☐	1000.000	998.840	55545.89	0.0448	P	5.2
9	☐			2225.07	0.0020	P	1.7

y = 4.4647E-005 * x + 1.8297E-004
R = 0.9998
DL = 0.7577
BEC = 4.098

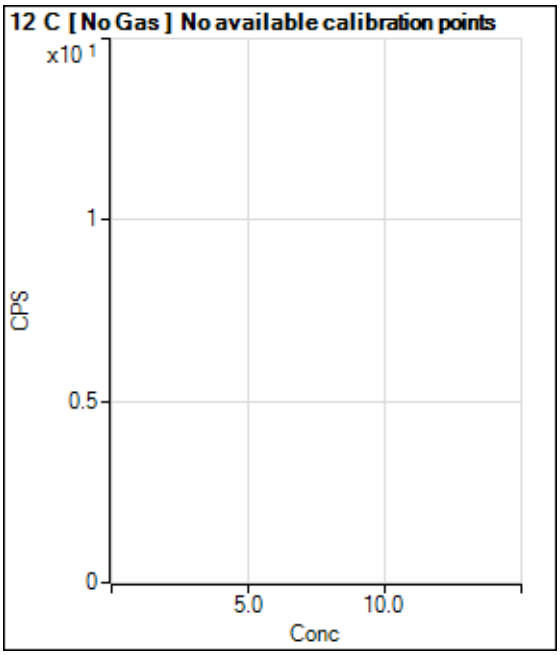
Weight: <None>
Min Conc: 0



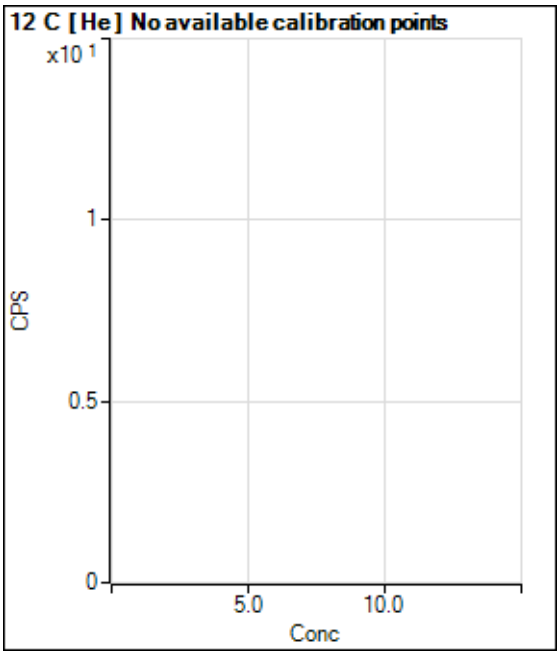
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	873.86	0.0007	P	8.2
2	☐	2.500	0.862	1072.50	0.0009	P	2.2
3	☐	25.000	21.402	5814.68	0.0049	P	4.4
4	☐	50.000	45.584	11730.39	0.0096	P	7.2
5	☐	125.000	116.474	28610.23	0.0235	P	9.2
6	☐	250.000	237.194	58025.21	0.0471	P	6.8
7	☐	500.000	515.121	124160.25	0.1015	P	8.7
8	☐	1000.000	997.022	242806.57	0.1957	P	5.9
9	☐			9344.47	0.0083	P	4.7

y = 1.9558E-004 * x + 7.2678E-004
R = 0.9997
DL = 0.9162
BEC = 3.716

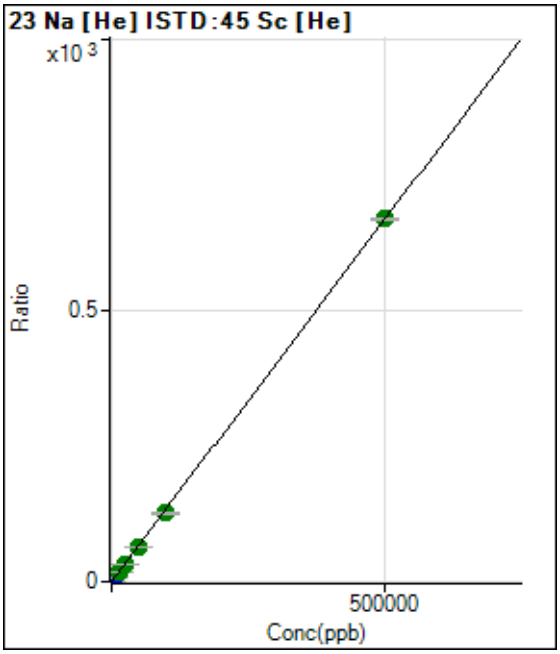
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2341755.78		A	1.2
2	☐			2331197.49		A	1.0
3	☐			2307949.70		A	0.2
4	☐			2543149.69		A	1.0
5	☐			2622477.88		A	1.6
6	☐			2646742.42		A	1.1
7	☐			2780551.34		A	1.8
8	☐			3173363.76		A	4.1
9	☐			2745983.35		A	3.8



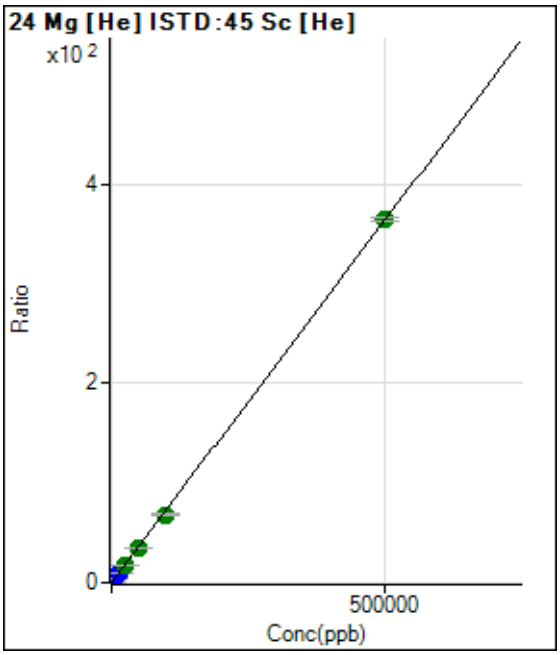
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			26424.39		P	1.6
2	☐			25903.80		P	0.6
3	☐			26068.12		P	0.8
4	☐			29151.72		P	2.4
5	☐			30317.95		P	1.6
6	☐			30309.49		P	1.5
7	☐			32405.82		P	2.5
8	☐			38197.47		P	2.0
9	☐			35153.58		P	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7768.95	0.1079	P	0.8
2	☐	50.000	45.875	12591.83	0.1691	P	0.4
3	☐	500.000	451.545	53777.41	0.7107	P	2.0
4	☐	5000.000	5266.289	499734.23	7.1381	P	7.9
5	☐	12500.000	12398.133	1238398.12	16.6588	A	2.4
6	☐	25000.000	24377.015	2411075.69	32.6499	A	2.4
7	☐	50000.000	48794.556	4615833.91	65.2461	A	0.7
8	☐	100000.00	94645.092	9212862.01	126.4542	A	1.0
9	☐	500000.00	501222.60	47928251.77	669.2140	A	0.8

y = 0.0013 * x + 0.1079
R = 0.9999
DL = 1.982
BEC = 80.83

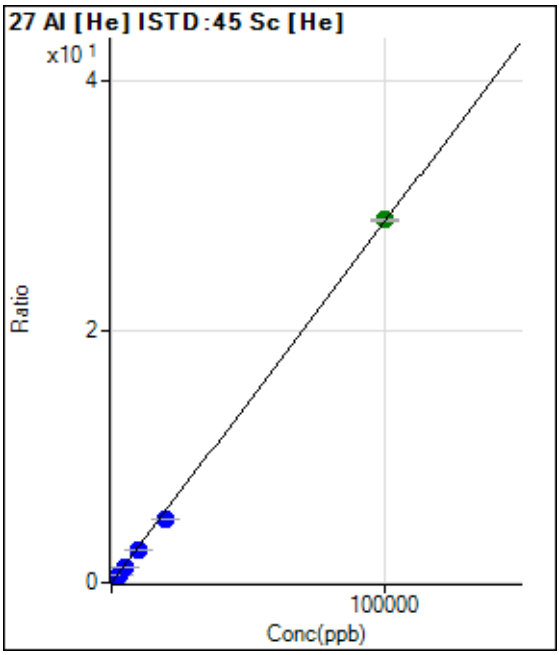
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.46	0.0048	P	8.8
2	☐	50.000	46.254	2855.92	0.0384	P	9.1
3	☐	500.000	442.776	24682.64	0.3261	P	3.2
4	☐	5000.000	5260.941	267752.63	3.8226	P	7.0
5	☐	12500.000	12106.756	653549.44	8.7906	P	1.1
6	☐	25000.000	24072.544	1290535.59	17.4741	A	0.7
7	☐	50000.000	48832.455	2507265.81	35.4422	A	0.7
8	☐	100000.00	93929.605	4966430.80	68.1689	A	1.7
9	☐	500000.00	501384.48	26058656.83	363.8561	A	1.1

y = 7.2569E-004 * x + 0.0048
R = 0.9999
DL = 1.749
BEC = 6.608

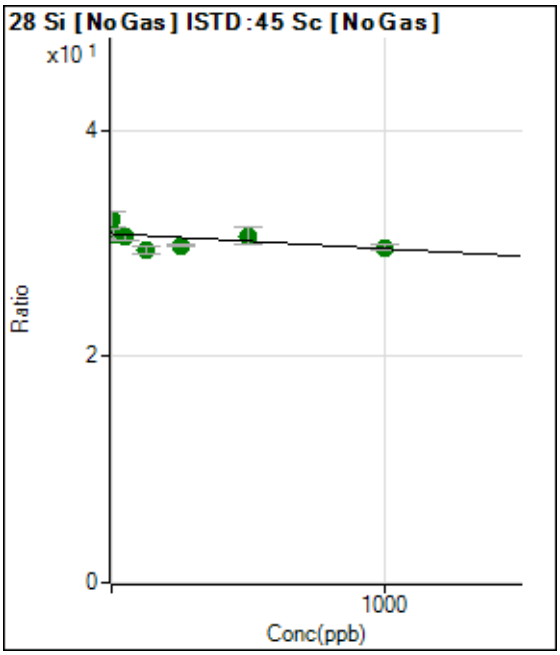
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.39	0.0042	P	5.1
2	☐	2.000	1.708	347.46	0.0047	P	7.7
3	☐	20.000	17.971	706.18	0.0093	P	6.5
4	☐	1000.000	974.302	19862.28	0.2837	P	7.9
5	☐	2500.000	2238.618	48054.28	0.6464	P	2.2
6	☐	5000.000	4388.331	93288.10	1.2632	P	1.0
7	☐	10000.000	8945.984	181853.24	2.5707	P	0.3
8	☐	20000.000	17647.759	369177.55	5.0672	P	0.8
9	☐	100000.00	100613.22	2067678.37	28.8695	A	0.4

y = 2.8689E-004 * x + 0.0042
R = 0.9997
DL = 2.249
BEC = 14.56

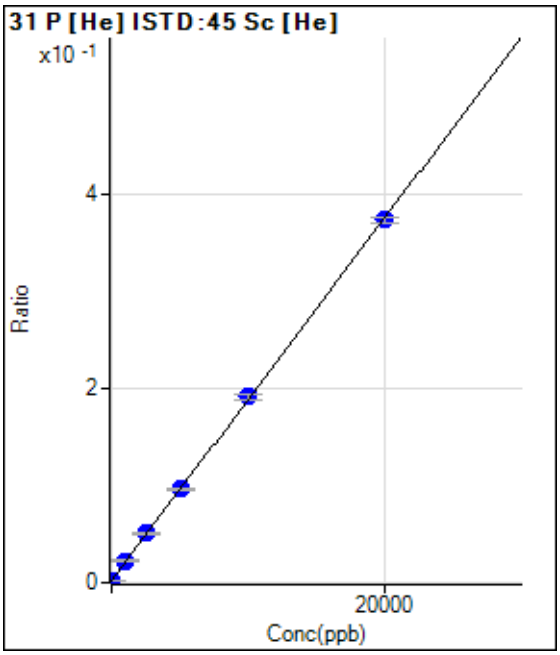
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44421440.23	30.8918	A	3.3
2	☐	1.000	-916.734	44714625.30	32.1100	A	4.3
3	☐	10.000	47.132	43620669.73	30.8291	A	2.8
4	☐	50.000	243.994	44262920.43	30.5675	A	1.8
5	☐	125.000	1073.103	44097346.12	29.4657	A	2.0
6	☐	250.000	808.016	44438003.77	29.8180	A	0.6
7	☐	500.000	138.557	45572328.10	30.7076	A	4.9
8	☐	1000.000	913.551	46073292.69	29.6777	A	1.6
9	☐			44905932.60	28.8322	A	1.1

y = -0.0013 * x + 30.8918
R = -0.4888
DL = -2329
BEC = -2.325E+04

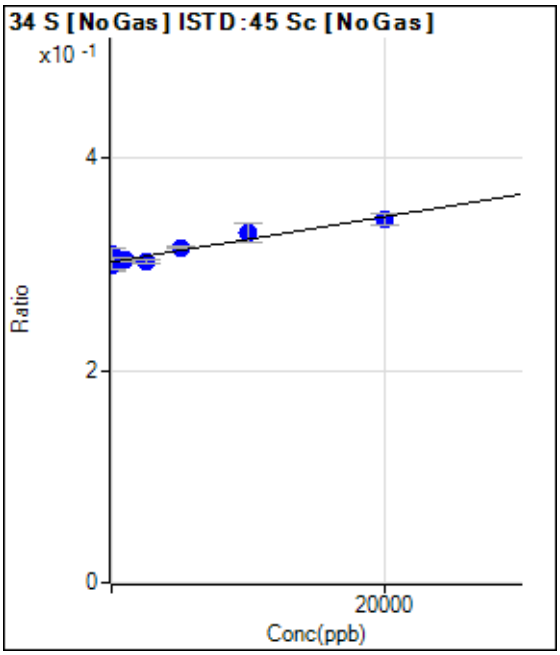
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	6.018	166.67	0.0023	P	2.7
2	☐	0.000	-2.089	161.12	0.0022	P	23.3
3	☐	0.000	-3.929	161.12	0.0021	P	8.5
4	☐	1000.000	1097.966	1580.69	0.0227	P	14.5
5	☐	2500.000	2614.772	3786.71	0.0509	P	2.3
6	☐	5000.000	5037.558	7093.61	0.0961	P	2.5
7	☐	10000.000	10132.452	13509.37	0.1910	P	2.9
8	☐	20000.000	19905.140	27181.70	0.3730	P	1.7
9	☐			119.45	0.0017	P	50.1

y = 1.8630E-005 * x + 0.0022
R = 0.9999
DL = 40.03
BEC = 118.3

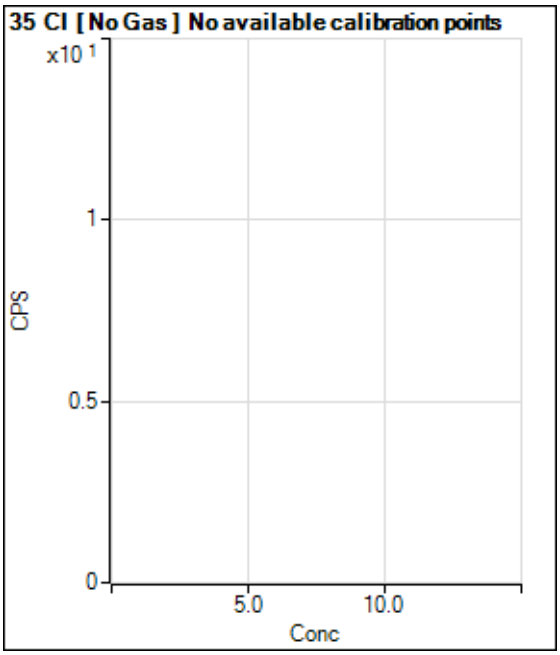
Weight: <None>
Min Conc: 0



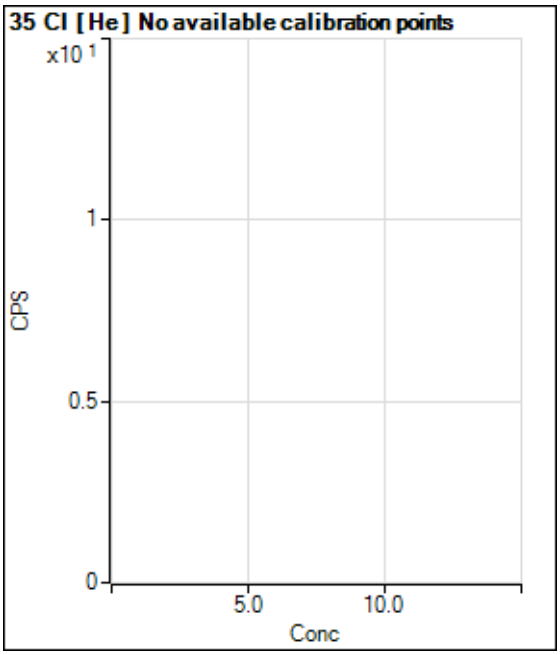
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1883.917	429149.33	0.2984	P	3.3
2	☐	0.000	3310.244	430977.29	0.3095	P	4.4
3	☐	0.000	-1426.327	423610.13	0.2994	P	3.2
4	☐	1000.000	809.740	440491.00	0.3042	P	1.2
5	☐	2500.000	111.283	453024.36	0.3027	P	1.2
6	☐	5000.000	6417.349	471116.84	0.3161	P	0.9
7	☐	10000.000	12741.609	489061.10	0.3296	P	5.5
8	☐	20000.000	18582.961	530895.34	0.3420	P	3.0
9	☐			377981.17	0.2427	P	1.2

y = 2.1309E-006 * x + 0.3025
R = 0.9544
DL = 1.554E+04
BEC = 1.419E+05

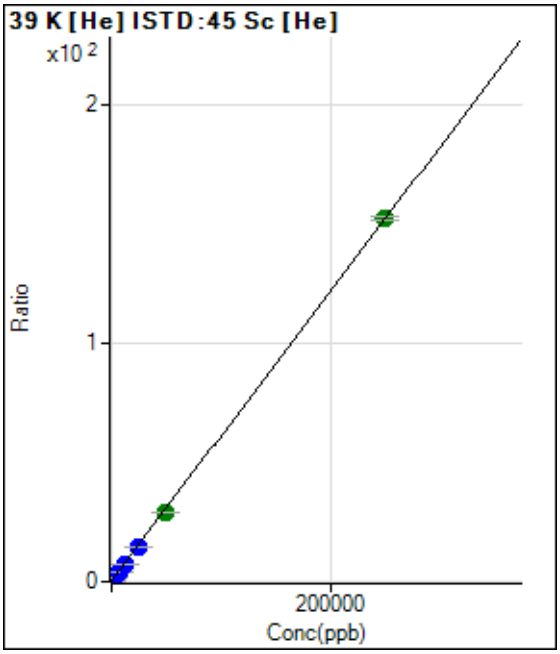
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			234556.65		P	0.2
2	☐			212984.40		P	1.7
3	☐			187845.07		P	0.9
4	☐			205862.31		P	0.9
5	☐			199318.68		P	0.8
6	☐			195006.51		P	1.0
7	☐			188148.27		P	0.9
8	☐			182512.56		P	0.9
9	☐			169136.17		P	0.7



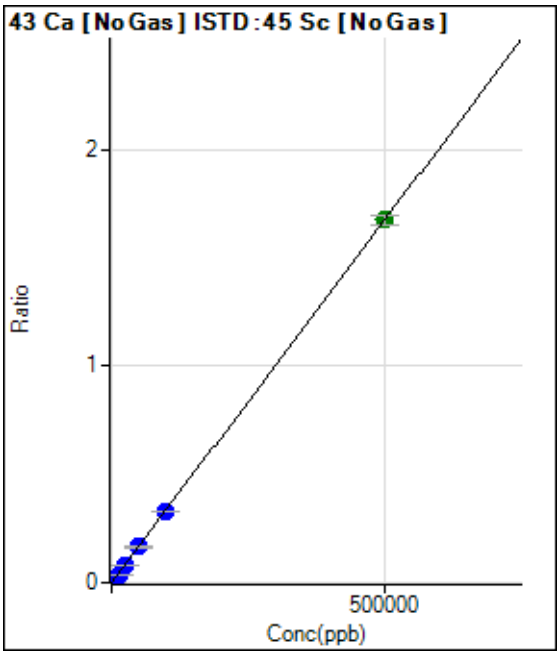
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2747.56		P	4.1
2	☐			2653.09		P	1.0
3	☐			2416.93		P	2.4
4	☐			2705.88		P	4.5
5	☐			2264.13		P	9.2
6	☐			2269.68		P	2.2
7	☐			2153.00		P	8.6
8	☐			2016.87		P	5.2
9	☐			2033.54		P	6.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28570.56	0.3973	P	4.3
2	☑	50.000					
3	☐	500.000	407.451	48755.34	0.6443	P	0.5
4	☐	2500.000	2666.102	140975.66	2.0132	P	7.7
5	☐	6250.000	6042.363	301795.79	4.0595	P	1.5
6	☐	12500.000	11849.055	559710.06	7.5788	P	1.4
7	☐	25000.000	23762.602	1046865.64	14.7994	P	0.7
8	☐	50000.000	47303.424	2117759.27	29.0671	A	0.5
9	☐	250000.00	250699.31	10910651.98	152.3419	A	1.2

y = 6.0608E-004 * x + 0.3973
R = 0.9999
DL = 84.74
BEC = 655.6

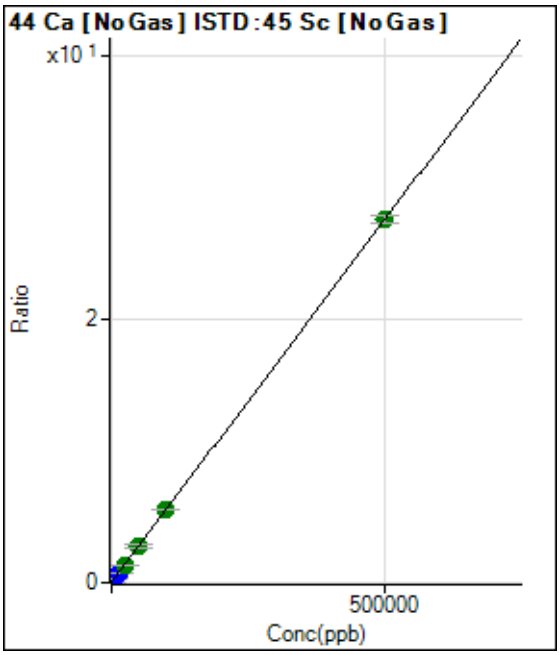
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	209.98	0.0001	P	5.9
2	☐	50.000	50.305	437.87	0.0003	P	3.7
3	☐	500.000	438.414	2280.32	0.0016	P	3.0
4	☐	5000.000	4798.418	23446.17	0.0162	P	1.2
5	☐	12500.000	11674.637	58645.37	0.0392	P	1.5
6	☐	25000.000	23755.285	118601.19	0.0796	P	0.9
7	☐	50000.000	49161.272	243986.71	0.1645	P	7.3
8	☐	100000.00	97623.215	507005.84	0.3266	P	1.5
9	☐	500000.00	500644.17	2607507.79	1.6742	A	2.3

y = 3.3438E-006 * x + 1.4575E-004
R = 1.0000
DL = 7.713
BEC = 43.59

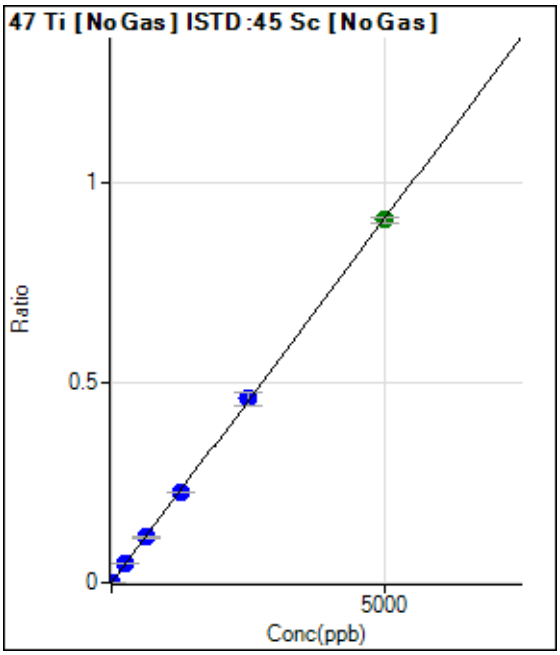
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39622.63	0.0276	P	3.5
2	☐	50.000	63.351	43216.19	0.0310	P	5.0
3	☐	500.000	434.551	72828.03	0.0515	P	1.9
4	☐	5000.000	4786.681	421185.02	0.2909	P	2.7
5	☐	12500.000	11744.116	1008284.64	0.6736	P	0.9
6	☐	25000.000	24256.839	2029921.67	1.3620	A	1.0
7	☐	50000.000	49789.239	4104731.00	2.7666	A	5.8
8	☐	100000.00	100079.98	8590816.16	5.5333	A	1.2
9	☐	500000.00	500063.33	42888236.96	27.5378	A	2.2

y = 5.5014E-005 * x + 0.0276
R = 1.0000
DL = 52.61
BEC = 500.9

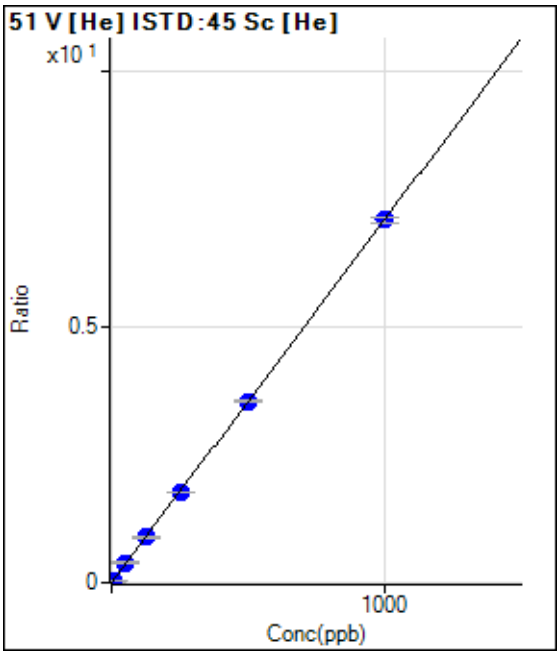
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0002	P	26.5
2	☐	0.500	0.426	397.24	0.0003	P	6.1
3	☐	5.000	4.992	1583.46	0.0011	P	3.6
4	☐	250.000	260.460	69042.27	0.0477	P	3.2
5	☐	625.000	621.490	169887.59	0.1135	P	0.8
6	☐	1250.000	1240.683	337343.19	0.2264	P	1.2
7	☐	2500.000	2531.605	684609.53	0.4617	P	7.3
8	☐	5000.000	4986.443	1411514.21	0.9091	A	1.4
9	☐			591.69	0.0004	P	5.1

y = 1.8228E-004 * x + 2.0777E-004
R = 1.0000
DL = 0.9076
BEC = 1.14

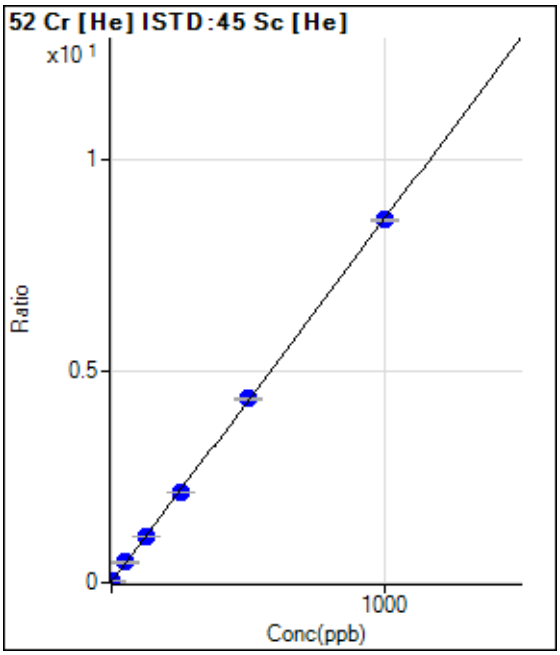
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0002	P	29.4
2	☐	0.500	0.541	298.90	0.0040	P	10.7
3	☐	5.000	4.745	2562.48	0.0339	P	6.6
4	☐	50.000	54.295	27003.33	0.3858	P	8.1
5	☐	125.000	125.451	66242.22	0.8911	P	2.3
6	☐	250.000	247.534	129842.19	1.7581	P	0.7
7	☐	500.000	500.707	251558.57	3.5560	P	0.4
8	☐	1000.000	999.993	517386.78	7.1018	P	1.4
9	☐			142.23	0.0020	P	7.6

y = 0.0071 * x + 1.6927E-004
R = 1.0000
DL = 0.02103
BEC = 0.02384

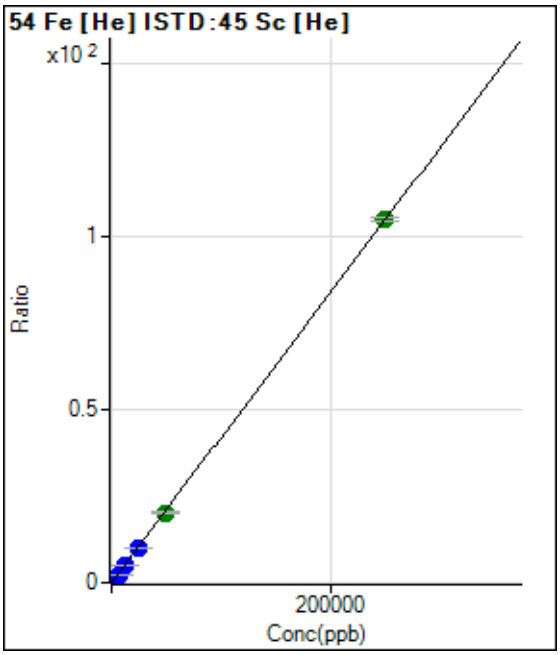
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	664.47	0.0092	P	2.5
2	☐	0.200	0.232	835.59	0.0112	P	5.8
3	☐	2.000	1.834	1890.15	0.0250	P	1.4
4	☐	50.000	55.864	34205.34	0.4888	P	8.8
5	☐	125.000	126.990	81745.14	1.0995	P	1.2
6	☐	250.000	248.284	158101.40	2.1408	P	1.1
7	☐	500.000	504.928	307272.48	4.3441	P	1.2
8	☐	1000.000	997.424	624558.57	8.5722	P	0.4
9	☐			4840.86	0.0676	P	3.5

y = 0.0086 * x + 0.0092
R = 1.0000
DL = 0.08037
BEC = 1.076

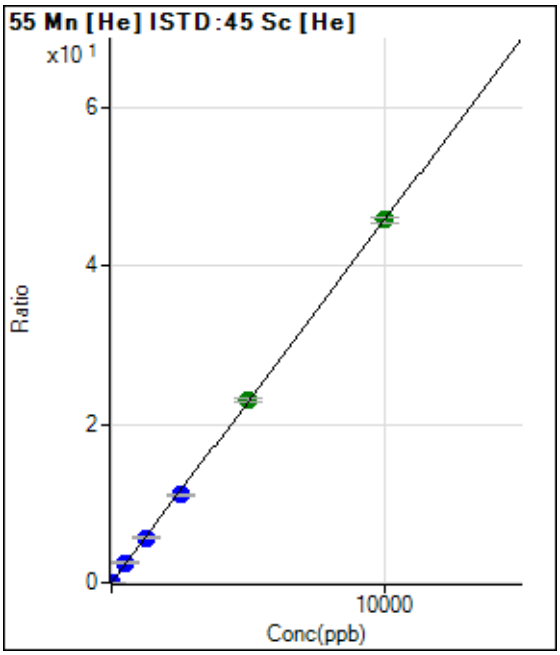
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	512.98	0.0071	P	2.3
2	☐	5.000	4.496	670.40	0.0090	P	7.7
3	☐	50.000	44.469	1944.61	0.0257	P	1.4
4	☐	2500.000	2566.139	75529.96	1.0787	P	7.7
5	☐	6250.000	5914.737	184162.04	2.4770	P	0.6
6	☐	12500.000	11586.612	357840.36	4.8454	P	2.0
7	☐	25000.000	23475.090	693903.45	9.8097	P	0.8
8	☐	50000.000	48325.647	1470986.42	20.1867	A	1.9
9	☐	250000.00	250540.75	7493288.59	104.6267	A	1.2

y = 4.1758E-004 * x + 0.0071
R = 1.0000
DL = 1.155
BEC = 17.07

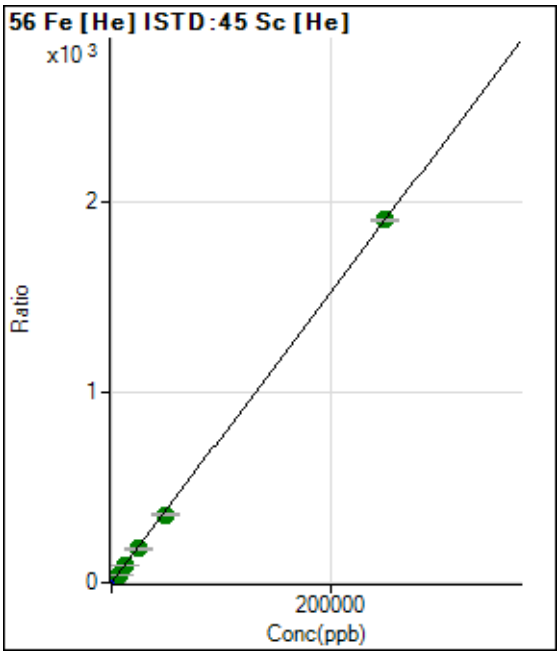
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0009	P	31.1
2	☑	0.100					
3	☐	1.000	0.898	382.23	0.0051	P	11.8
4	☐	500.000	536.885	171969.88	2.4565	P	8.0
5	☐	1250.000	1238.323	421137.46	5.6647	P	1.5
6	☐	2500.000	2420.070	817515.13	11.0696	P	1.4
7	☐	5000.000	5026.622	1626152.20	22.9913	A	2.4
8	☐	10000.000	10006.287	3334454.43	45.7668	A	1.4
9	☐			2453.57	0.0343	P	3.0

y = 0.0046 * x + 9.4881E-004
R = 0.9999
DL = 0.1933
BEC = 0.2074

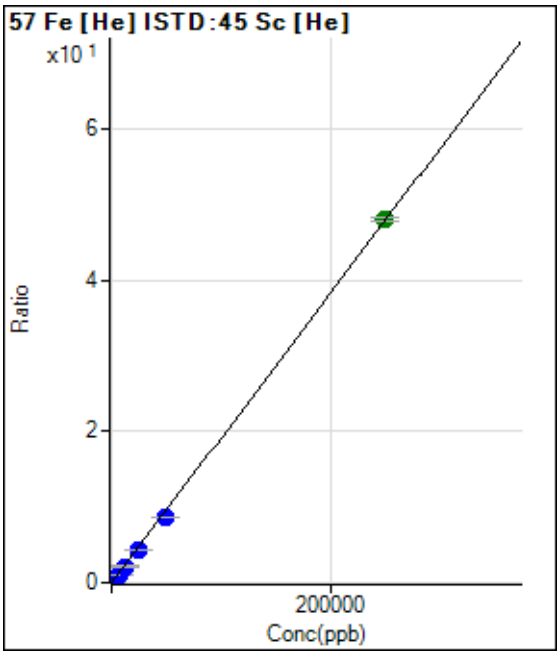
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1822.37	0.0253	P	2.1
2	☐	5.000	4.739	4567.47	0.0614	P	1.5
3	☐	50.000	43.874	27161.31	0.3590	P	2.6
4	☐	2500.000	2520.526	1343438.02	19.1956	P	8.5
5	☐	6250.000	5926.516	3353075.25	45.1005	A	1.0
6	☐	12500.000	11531.477	6478636.02	87.7301	A	2.0
7	☐	25000.000	23321.552	12548087.32	177.4017	A	1.4
8	☐	50000.000	47174.568	26142165.86	358.8203	A	1.0
9	☐	250000.00	250789.24	136614246.5	1,907.450	A	0.3

y = 0.0076 * x + 0.0253
R = 0.9999
DL = 0.2137
BEC = 3.327

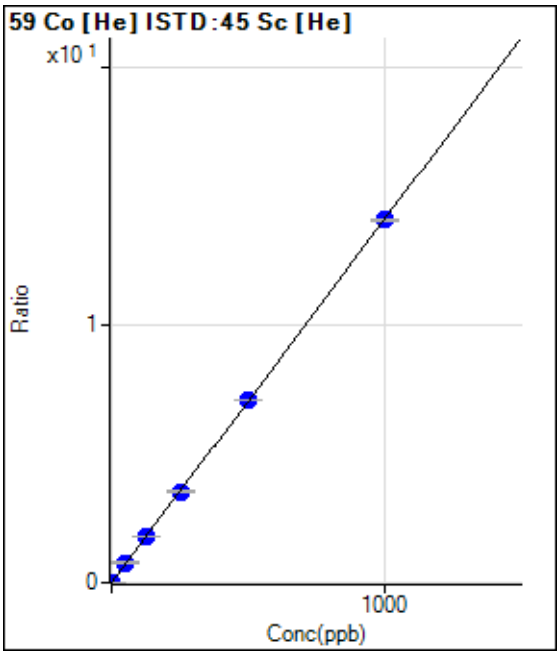
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.08	0.0017	P	15.8
2	☐	5.000	5.287	203.71	0.0027	P	24.8
3	☐	50.000	36.960	666.70	0.0088	P	21.3
4	☐	2500.000	2483.278	33348.51	0.4767	P	9.2
5	☐	6250.000	5803.316	82643.76	1.1116	P	1.6
6	☐	12500.000	11263.330	159224.89	2.1559	P	1.2
7	☐	25000.000	22693.837	307138.90	4.3421	P	1.0
8	☐	50000.000	45509.857	634238.73	8.7058	P	1.6
9	☐	250000.00	251201.81	3441214.31	48.0457	A	1.0

y = 1.9126E-004 * x + 0.0017
R = 0.9998
DL = 4.273
BEC = 9.021

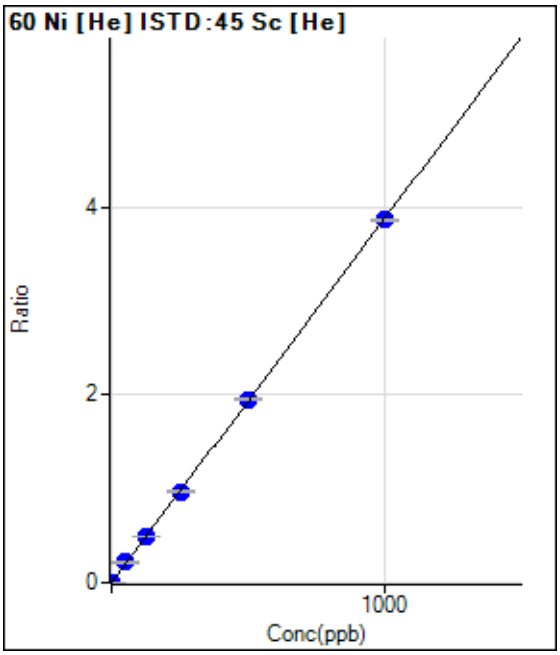
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0007	P	45.4
2	☐	0.100	0.093	148.89	0.0020	P	17.0
3	☐	1.000	0.997	1114.50	0.0147	P	6.1
4	☐	50.000	55.019	54279.57	0.7756	P	8.7
5	☐	125.000	126.291	132294.14	1.7795	P	1.5
6	☐	250.000	250.207	260316.93	3.5248	P	1.2
7	☐	500.000	501.614	499830.39	7.0658	P	0.4
8	☐	1000.000	998.729	1024968.46	14.0675	P	0.3
9	☐			1707.90	0.0238	P	3.3

y = 0.0141 * x + 6.8759E-004
R = 1.0000
DL = 0.06651
BEC = 0.04882

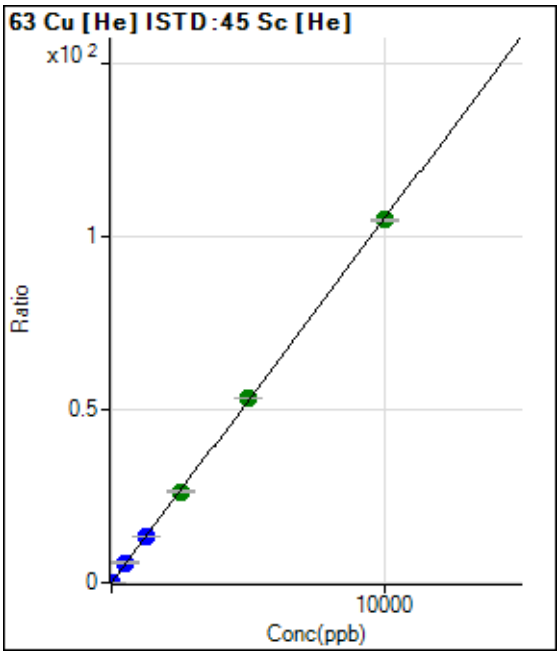
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.55	0.0004	P	39.0
2	☐	0.100	0.083	50.00	0.0007	P	24.0
3	☐	1.000	1.131	357.79	0.0047	P	10.1
4	☐	50.000	55.917	15179.30	0.2169	P	8.7
5	☐	125.000	127.487	36733.98	0.4941	P	1.6
6	☐	250.000	250.878	71774.23	0.9719	P	2.4
7	☐	500.000	503.645	137988.64	1.9509	P	1.4
8	☐	1000.000	997.351	281434.55	3.8629	P	0.8
9	☐			1131.17	0.0158	P	6.8

y = 0.0039 * x + 3.5101E-004
R = 1.0000
DL = 0.1061
BEC = 0.09064

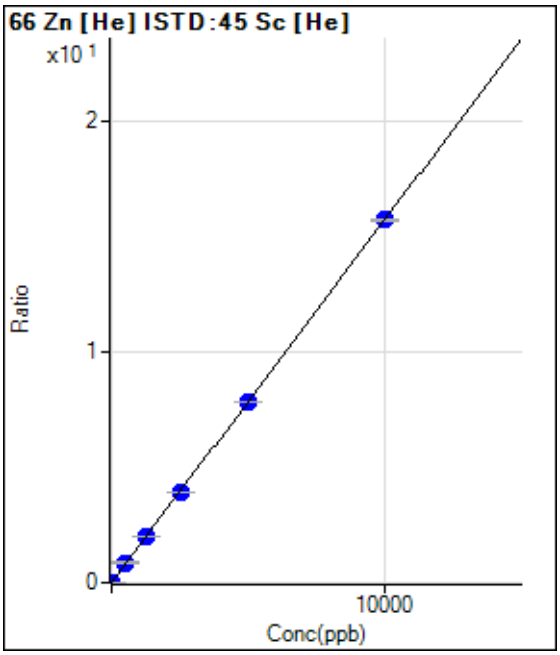
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0031	P	30.3
2	☐	0.200	0.162	355.56	0.0048	P	10.3
3	☐	2.000	1.990	1815.69	0.0240	P	1.5
4	☐	500.000	539.687	397590.23	5.6798	P	8.2
5	☐	1250.000	1251.507	978876.36	13.1671	P	1.6
6	☐	2500.000	2496.460	1939483.41	26.2623	A	1.4
7	☐	5000.000	5067.206	3770539.63	53.3029	A	0.6
8	☐	10000.000	9965.109	7636957.67	104.8218	A	0.7
9	☐			5857.94	0.0818	P	4.2

y = 0.0105 * x + 0.0031
R = 1.0000
DL = 0.2653
BEC = 0.2916

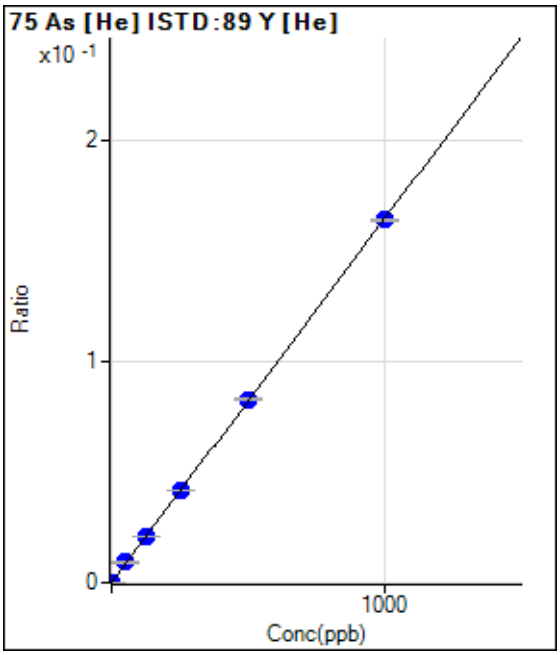
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.33	0.0013	P	28.5
2	☑	0.200					
3	☐	2.000	2.409	383.34	0.0051	P	4.3
4	☐	500.000	549.472	60421.36	0.8629	P	7.7
5	☐	1250.000	1276.890	148960.03	2.0036	P	2.2
6	☐	2500.000	2483.446	287709.06	3.8956	P	1.3
7	☐	5000.000	4983.625	552893.21	7.8162	P	0.8
8	☐	10000.000	10006.491	1143352.06	15.6927	P	0.3
9	☐			4011.72	0.0560	P	3.9

y = 0.0016 * x + 0.0013
R = 1.0000
DL = 0.7014
BEC = 0.8203

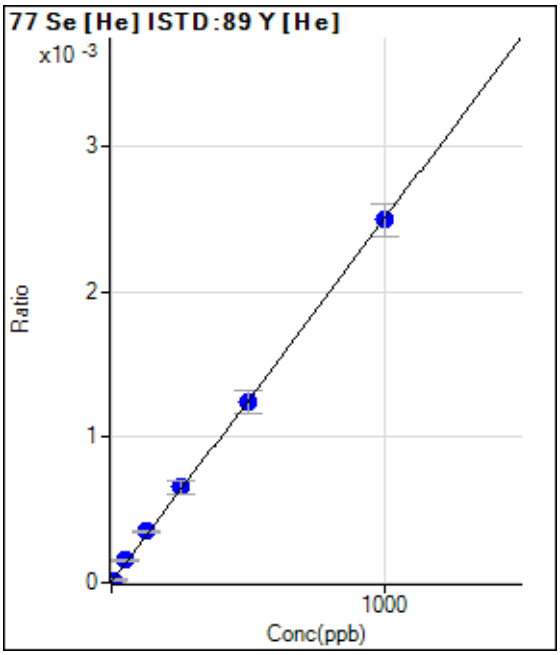
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.00	0.0000	P	27.8
2	☐	0.100	0.110	20.67	0.0000	P	8.4
3	☐	1.000	0.958	96.34	0.0002	P	2.6
4	☐	50.000	55.390	4571.54	0.0091	P	8.4
5	☐	125.000	127.719	11263.62	0.0210	P	1.1
6	☐	250.000	252.598	22098.44	0.0416	P	1.0
7	☐	500.000	502.978	42417.48	0.0828	P	1.2
8	☐	1000.000	997.252	89375.91	0.1642	P	0.4
9	☐			49.34	0.0001	P	10.3

y = 1.6464E-004 * x + 2.1700E-005
R = 1.0000
DL = 0.1098
BEC = 0.1318

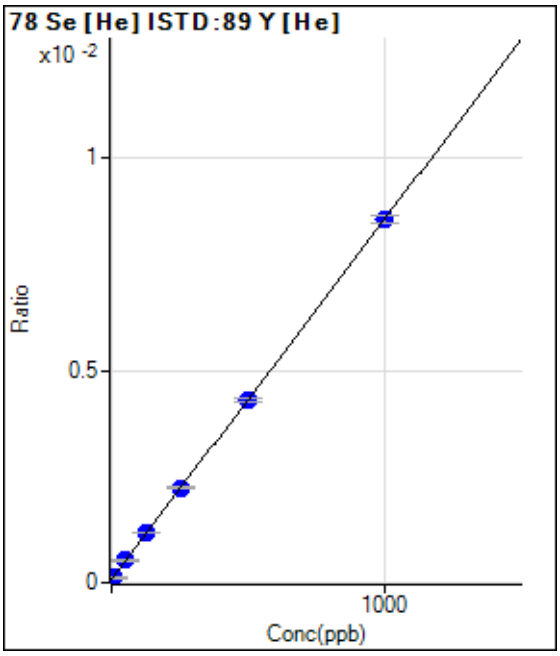
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500	2.493	4.44	0.0000	P	42.5
3	☐	5.000	6.528	10.00	0.0000	P	33.3
4	☐	50.000	61.785	78.89	0.0002	P	7.2
5	☐	125.000	140.212	188.89	0.0004	P	5.8
6	☐	250.000	260.993	347.78	0.0007	P	15.5
7	☐	500.000	496.007	636.69	0.0012	P	12.0
8	☐	1000.000	996.749	1357.86	0.0025	P	9.1
9	☐			0.00	0.0000	P	

y = 2.5006E-006 * x + 2.2976E-006
R = 0.9998
DL = 4.774
BEC = 0.9188

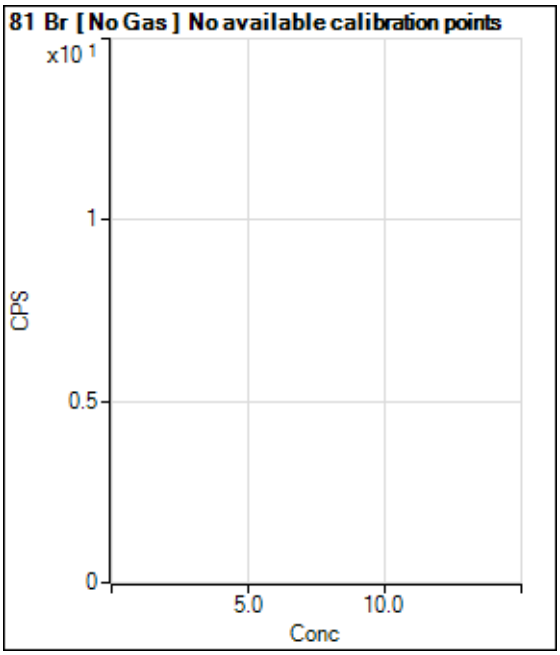
Weight: <None>
Min Conc: 0



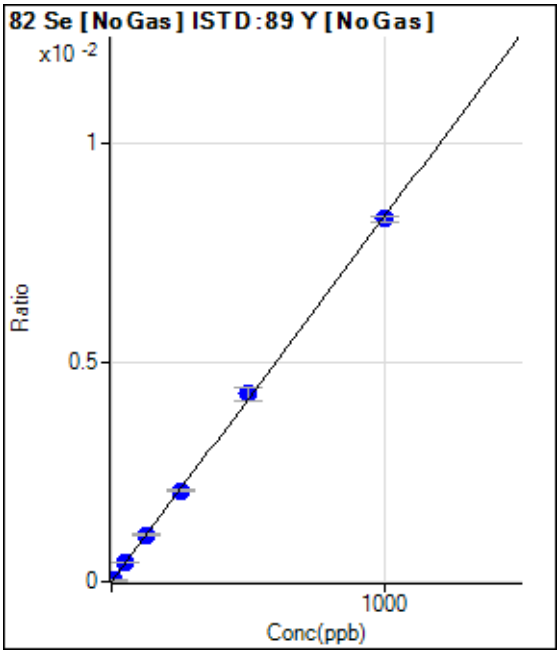
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39.00	0.0001	P	18.4
2	☐	0.500	0.514	42.00	0.0001	P	24.8
3	☐	5.000	4.898	63.34	0.0001	P	30.4
4	☐	50.000	52.928	263.03	0.0005	P	6.2
5	☐	125.000	128.618	624.41	0.0012	P	2.0
6	☐	250.000	254.736	1187.51	0.0022	P	2.6
7	☐	500.000	499.199	2206.07	0.0043	P	2.7
8	☐	1000.000	998.618	4649.57	0.0085	P	2.2
9	☐			46.67	0.0001	P	4.6

y = 8.4772E-006 * x + 7.6438E-005
R = 1.0000
DL = 4.985
BEC = 9.017

Weight: <None>
Min Conc: 0



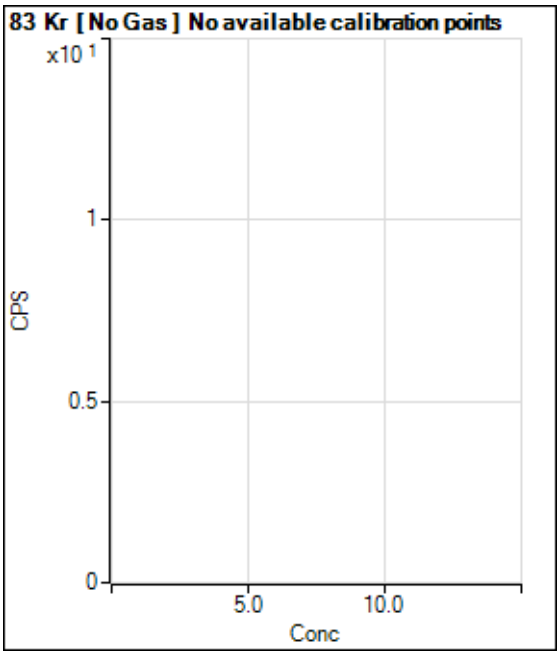
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1608.42		P	6.2
2	☐			1771.94		P	4.0
3	☐			1558.37		P	4.7
4	☐			1771.95		P	7.6
5	☐			1708.54		P	7.4
6	☐			1718.55		P	2.7
7	☐			1451.57		P	5.5
8	☐			1745.26		P	7.5
9	☐			1912.10		P	5.2



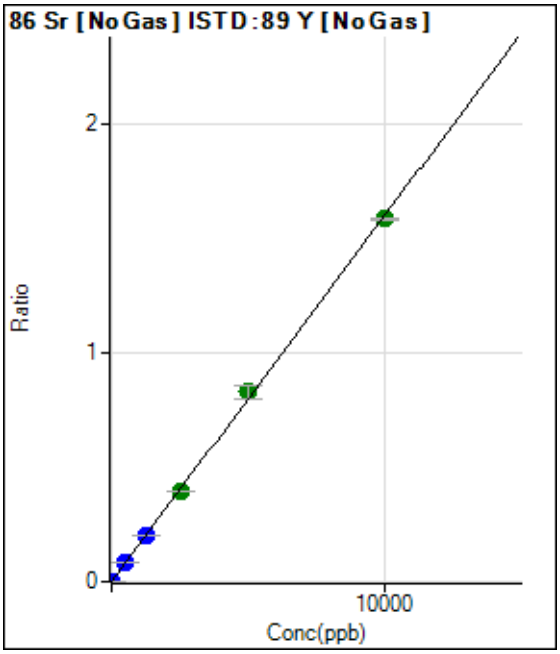
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.43	0.0000	P	176.0
2	☑	0.500					
3	☐	5.000	3.689	118.22	0.0000	P	68.8
4	☐	50.000	50.430	1563.81	0.0004	P	1.4
5	☐	125.000	127.378	3927.21	0.0011	P	4.1
6	☐	250.000	247.875	7769.68	0.0021	P	2.5
7	☐	500.000	513.765	15210.06	0.0043	P	7.4
8	☐	1000.000	993.337	31320.39	0.0083	P	1.4
9	☐			0.21	0.0000	P	18872.

y = 8.3268E-006 * x + 1.7685E-006
R = 0.9999
DL = 1.121
BEC = 0.2124

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1573.44		P	3.8
2	☐			1576.77		P	7.2
3	☐			1620.11		P	3.9
4	☐			1599.00		P	3.2
5	☐			1631.23		P	4.4
6	☐			1600.11		P	6.8
7	☐			1551.21		P	5.3
8	☐			1807.92		P	10.8
9	☐			1503.43		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2425.29	0.0007	P	6.3
2	☐	0.100	0.405	2553.09	0.0007	P	7.0
3	☐	1.000	1.415	3222.68	0.0009	P	5.0
4	☐	500.000	503.154	300467.12	0.0810	P	1.1
5	☐	1250.000	1256.815	744483.82	0.2014	P	2.2
6	☐	2500.000	2472.491	1487903.08	0.3956	A	0.9
7	☐	5000.000	5176.335	2941018.90	0.8274	A	7.2
8	☐	10000.000	9917.700	6000515.76	1.5847	A	0.3
9	☐			4706.46	0.0013	P	2.6

y = 1.5972E-004 * x + 6.5914E-004

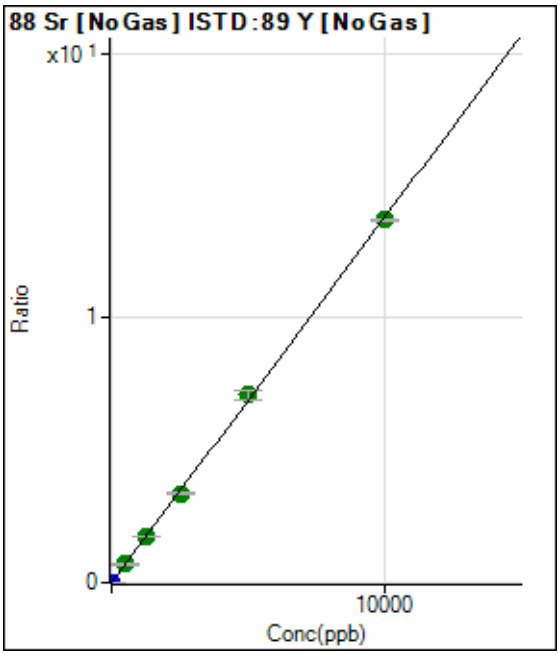
R = 0.9998

DL = 0.7859

BEC = 4.127

Weight: <None>

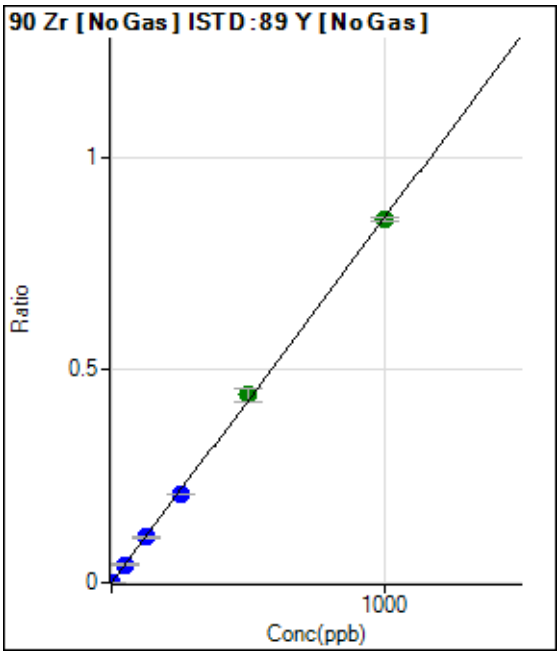
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	13.7
2	☐	0.100	0.102	625.03	0.0002	P	13.1
3	☐	1.000	0.946	4878.75	0.0013	P	7.2
4	☐	500.000	506.648	2589543.05	0.6983	A	2.5
5	☐	1250.000	1256.854	6403105.74	1.7322	A	2.0
6	☐	2500.000	2441.633	12657092.90	3.3649	A	0.9
7	☐	5000.000	5147.964	25228845.70	7.0946	A	5.7
8	☐	10000.000	9939.421	51863430.33	13.6979	A	0.6
9	☐			17995.42	0.0049	P	2.1

y = 0.0014 * x + 3.7036E-005
R = 0.9998
DL = 0.01104
BEC = 0.02687

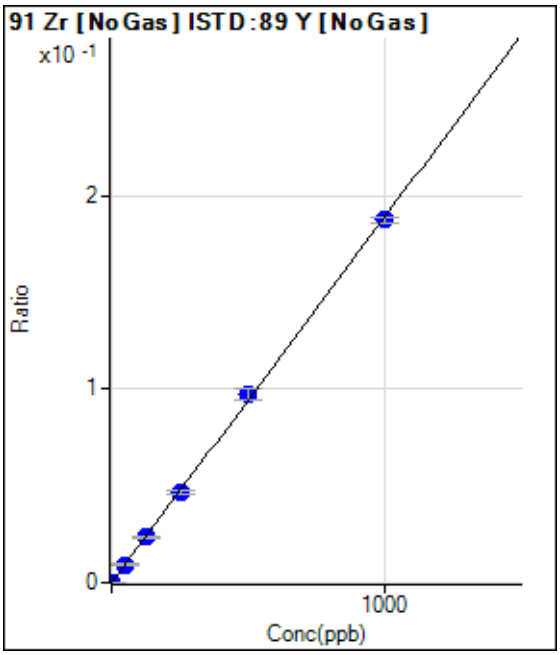
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0001	P	3.7
2	☐	0.100	0.094	466.69	0.0001	P	11.0
3	☐	1.000	0.951	3150.45	0.0009	P	10.1
4	☐	50.000	49.412	157188.26	0.0424	P	2.6
5	☐	125.000	123.877	392538.69	0.1062	P	1.1
6	☐	250.000	243.009	783330.81	0.2083	P	1.1
7	☐	500.000	514.507	1566875.63	0.4409	A	7.5
8	☐	1000.000	994.664	3226730.30	0.8522	A	1.1
9	☐			986.18	0.0003	P	9.3

y = 8.5676E-004 * x + 5.1361E-005
R = 0.9998
DL = 0.00667
BEC = 0.05995

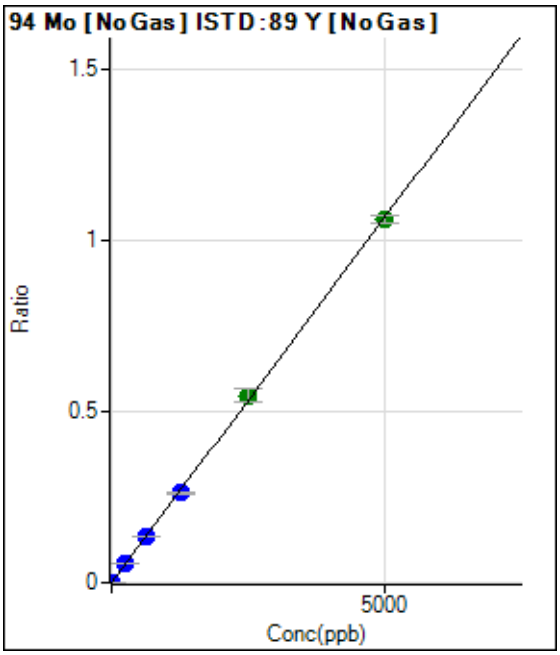
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	5.9
2	☐	0.100	0.100	144.45	0.0000	P	24.1
3	☐	1.000	1.015	777.83	0.0002	P	11.1
4	☐	50.000	49.822	34958.45	0.0094	P	2.5
5	☐	125.000	124.657	87071.62	0.0236	P	2.6
6	☐	250.000	247.231	175617.08	0.0467	P	2.3
7	☐	500.000	515.256	345838.56	0.0973	P	6.6
8	☐	1000.000	993.116	709815.38	0.1875	P	1.4
9	☐			175.01	0.0000	P	0.4

y = 1.8877E-004 * x + 2.1898E-005
R = 0.9998
DL = 0.02042
BEC = 0.116

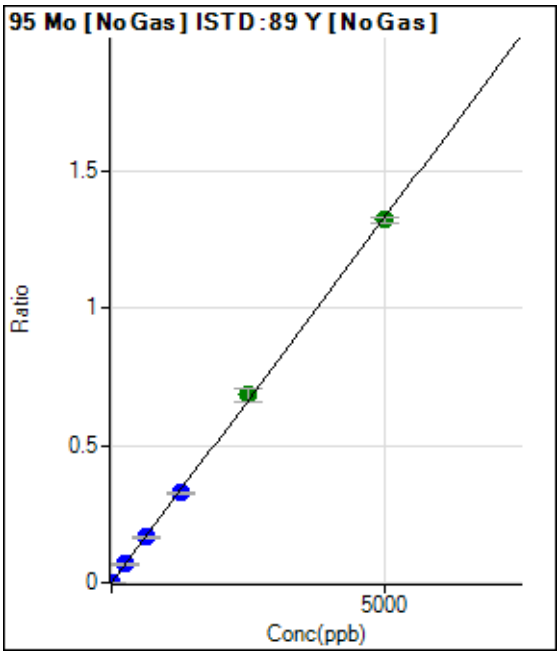
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	27.3
2	☐	0.500	0.440	411.13	0.0001	P	15.2
3	☐	5.000	4.744	3764.52	0.0010	P	8.1
4	☐	250.000	253.184	199982.58	0.0539	P	1.0
5	☐	625.000	626.060	492831.17	0.1333	P	1.6
6	☐	1250.000	1233.822	988169.32	0.2627	P	1.8
7	☐	2500.000	2566.510	1942615.99	0.5464	A	6.4
8	☐	5000.000	4970.498	4005955.77	1.0583	A	2.2
9	☐			1280.65	0.0003	P	11.1

y = 2.1291E-004 * x + 2.2697E-005
R = 0.9999
DL = 0.0873
BEC = 0.1066

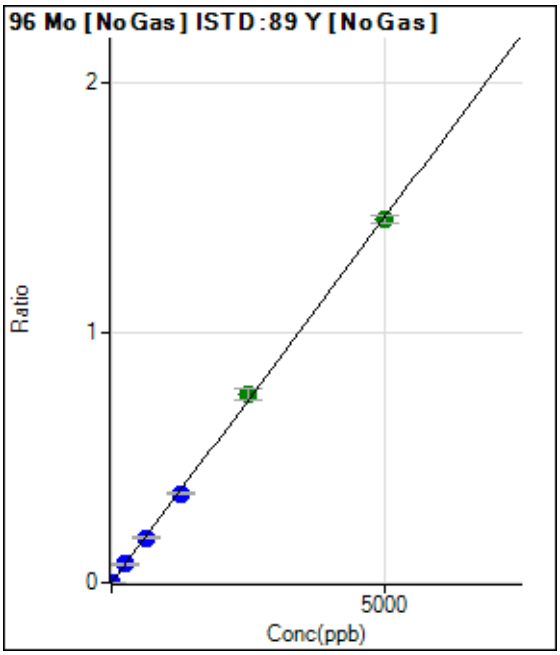
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.2
2	☐	0.500	0.517	508.35	0.0001	P	15.7
3	☐	5.000	4.730	4600.91	0.0013	P	1.6
4	☐	250.000	250.707	246987.08	0.0666	P	0.9
5	☐	625.000	623.264	612034.11	0.1656	P	1.5
6	☐	1250.000	1227.023	1226032.91	0.3259	P	2.1
7	☐	2500.000	2572.135	2428781.00	0.6832	A	6.7
8	☐	5000.000	4969.859	4997557.79	1.3201	A	1.8
9	☐			1658.48	0.0005	P	9.0

y = 2.6563E-004 * x + 6.7906E-006
R = 0.9998
DL = 0.02547
BEC = 0.02556

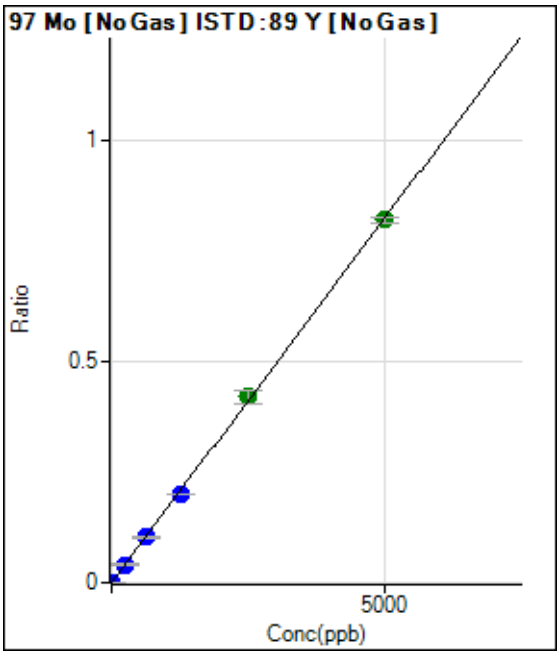
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	23.3
2	☐	0.500	0.444	530.58	0.0002	P	3.1
3	☐	5.000	4.591	4959.37	0.0014	P	6.2
4	☐	250.000	251.622	272834.63	0.0736	P	2.5
5	☐	625.000	618.732	668638.67	0.1809	P	1.6
6	☐	1250.000	1224.298	1346159.36	0.3579	P	1.4
7	☐	2500.000	2578.429	2679710.15	0.7537	A	6.3
8	☐	5000.000	4967.914	5496917.22	1.4521	A	2.2
9	☐			2286.36	0.0006	P	4.4

y = 2.9230E-004 * x + 2.0425E-005
R = 0.9998
DL = 0.04895
BEC = 0.06988

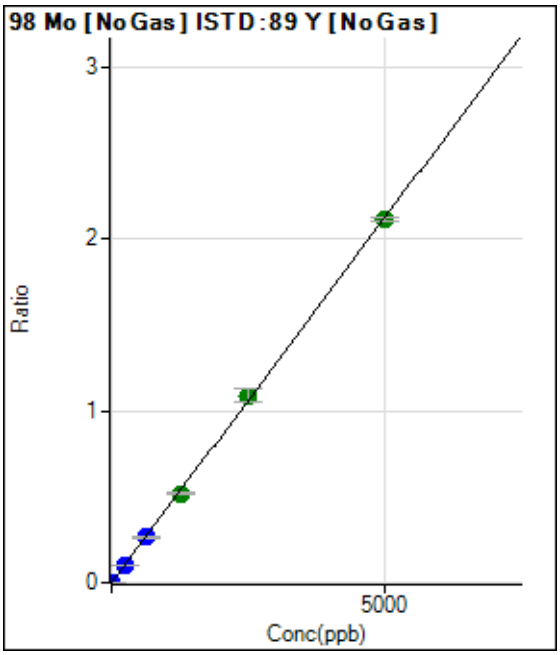
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.2
2	☐	0.500	0.506	302.79	0.0001	P	0.1
3	☐	5.000	4.473	2692.01	0.0007	P	5.1
4	☐	250.000	250.241	152995.44	0.0413	P	2.9
5	☐	625.000	621.940	379017.53	0.1025	P	2.2
6	☐	1250.000	1217.623	755016.36	0.2007	P	1.5
7	☐	2500.000	2553.868	1496165.81	0.4210	A	7.4
8	☐	5000.000	4981.531	3108897.38	0.8212	A	1.7
9	☐			947.28	0.0003	P	13.3

y = 1.6485E-004 * x + 2.2531E-006
R = 0.9999
DL = 0.04069
BEC = 0.01367

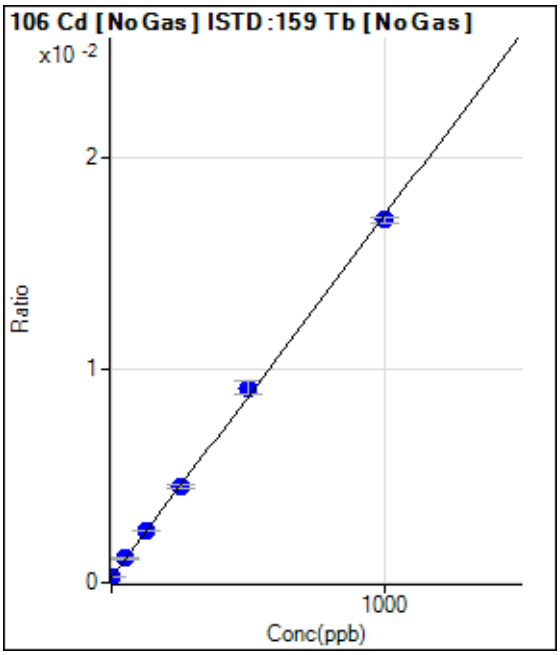
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	50.1
2	☐	0.500	0.458	725.04	0.0002	P	10.1
3	☐	5.000	4.608	7154.82	0.0020	P	1.1
4	☐	250.000	246.570	387790.59	0.1046	P	0.9
5	☐	625.000	619.890	971801.60	0.2629	P	1.8
6	☐	1250.000	1222.323	1949710.22	0.5183	A	1.1
7	☐	2500.000	2564.490	3864991.19	1.0875	A	7.2
8	☐	5000.000	4975.485	7987992.80	2.1099	A	1.2
9	☐			2553.08	0.0007	P	1.1

y = 4.2405E-004 * x + 1.0613E-005
R = 0.9999
DL = 0.03763
BEC = 0.02503

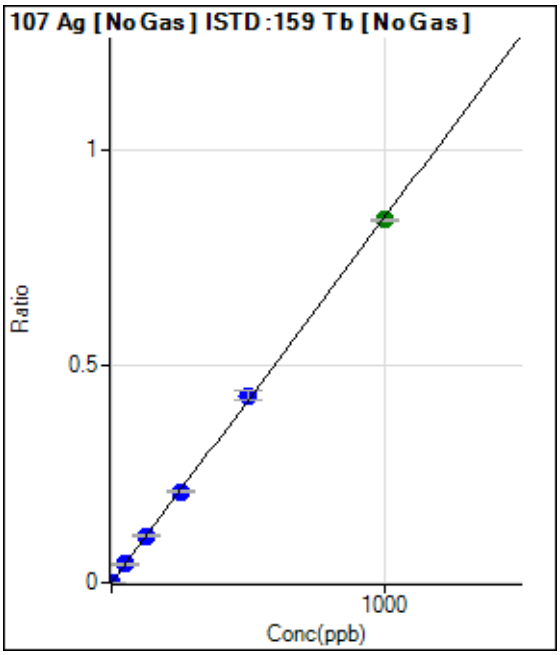
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	613.92	0.0002	P	8.4
2	☐	0.100	0.796	636.14	0.0003	P	13.3
3	☐	1.000	2.511	716.70	0.0003	P	16.7
4	☐	50.000	52.948	2961.52	0.0011	P	6.5
5	☐	125.000	128.501	6312.75	0.0024	P	1.3
6	☐	250.000	252.091	12152.86	0.0045	P	4.0
7	☐	500.000	523.169	23631.77	0.0091	P	7.2
8	☐	1000.000	987.306	47209.25	0.0170	P	1.5
9	☐			688.93	0.0003	P	8.5

y = 1.7011E-005 * x + 2.4229E-004
R = 0.9996
DL = 3.592
BEC = 14.24

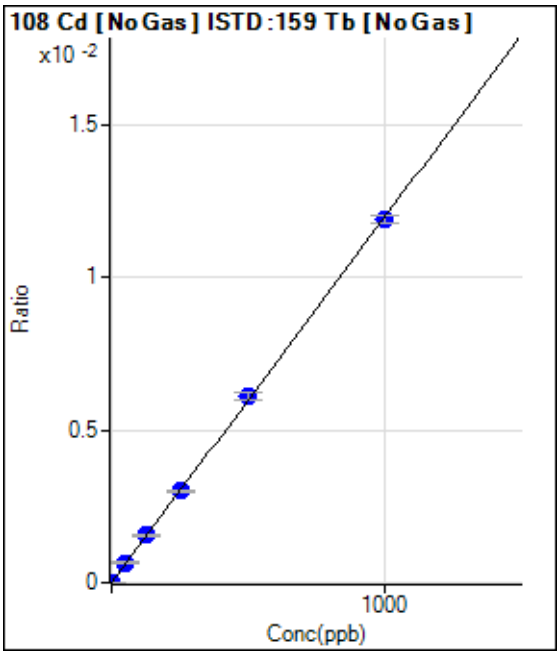
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	8.8
2	☐	0.100	0.071	200.01	0.0001	P	31.2
3	☐	1.000	0.891	1947.41	0.0008	P	4.8
4	☐	50.000	50.405	110190.86	0.0425	P	2.5
5	☐	125.000	127.675	280040.19	0.1077	P	2.4
6	☐	250.000	249.844	565384.16	0.2108	P	2.2
7	☐	500.000	512.307	1117843.96	0.4322	P	5.4
8	☐	1000.000	993.531	2322383.91	0.8382	A	0.7
9	☐			650.04	0.0002	P	17.1

y = 8.4359E-004 * x + 2.0835E-005
R = 0.9999
DL = 0.006548
BEC = 0.0247

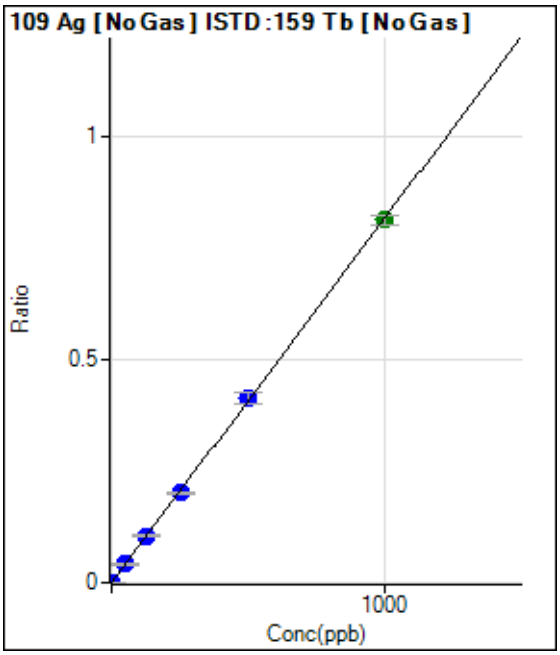
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.95	0.0000	P	70.0
2	☐	0.100	0.610	25.00	0.0000	P	29.7
3	☐	1.000	1.339	47.22	0.0000	P	15.4
4	☐	50.000	53.219	1658.46	0.0006	P	7.2
5	☐	125.000	129.217	4028.42	0.0015	P	2.6
6	☐	250.000	252.093	8103.86	0.0030	P	1.8
7	☐	500.000	510.811	15834.27	0.0061	P	4.4
8	☐	1000.000	993.383	32961.57	0.0119	P	2.3
9	☐			45.83	0.0000	P	23.6

y = 1.1972E-005 * x + 2.7512E-006
R = 0.9999
DL = 0.4823
BEC = 0.2298

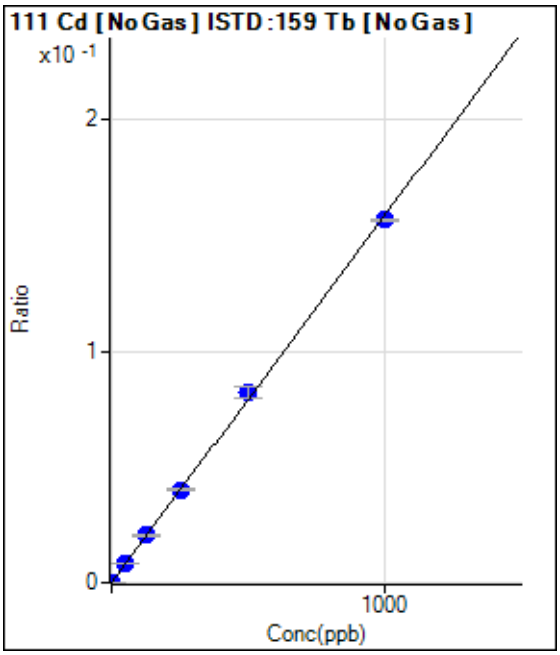
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	12.7
2	☐	0.100	0.051	141.67	0.0001	P	49.3
3	☐	1.000	0.915	1922.41	0.0008	P	4.9
4	☐	50.000	50.930	107768.99	0.0416	P	3.8
5	☐	125.000	129.013	273952.79	0.1054	P	2.5
6	☐	250.000	247.639	542544.08	0.2023	P	2.0
7	☐	500.000	507.069	1071046.35	0.4142	P	5.9
8	☐	1000.000	996.508	2254954.11	0.8139	A	2.3
9	☐			613.92	0.0002	P	4.7

y = 8.1675E-004 * x + 1.5358E-005
R = 1.0000
DL = 0.007145
BEC = 0.0188

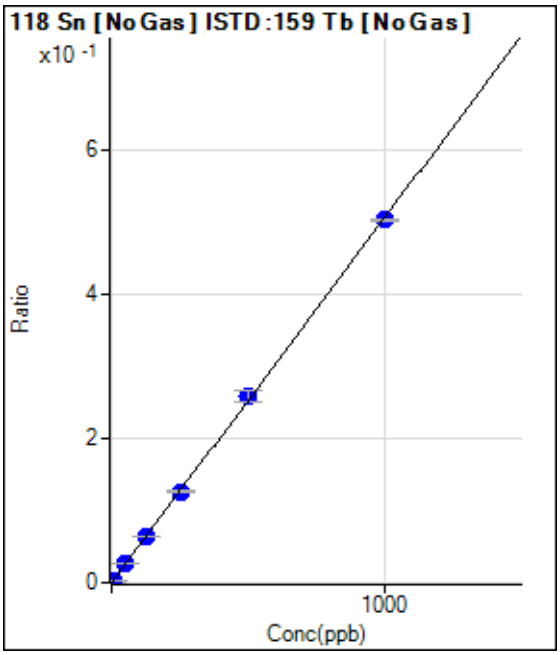
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.98	0.0001	P	13.6
2	☐	0.100	0.085	166.67	0.0001	P	15.4
3	☐	1.000	1.253	635.30	0.0003	P	0.2
4	☐	50.000	52.636	21727.39	0.0084	P	3.1
5	☐	125.000	129.501	53450.60	0.0206	P	2.4
6	☐	250.000	253.031	107628.56	0.0401	P	1.1
7	☐	500.000	518.656	212478.51	0.0822	P	6.7
8	☐	1000.000	989.220	434212.89	0.1567	P	0.5
9	☐			248.76	0.0001	P	4.0

y = 1.5836E-004 * x + 5.3653E-005
R = 0.9997
DL = 0.1378
BEC = 0.3388

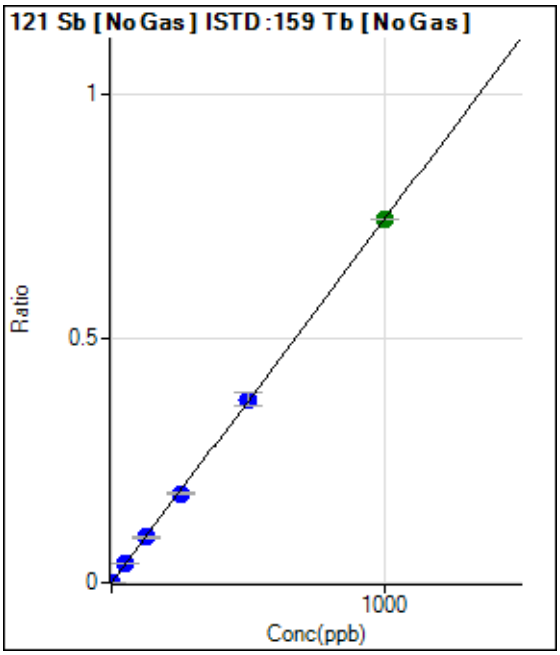
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0001	P	47.1
2	☐	0.500	0.572	855.60	0.0003	P	2.1
3	☐	5.000	5.126	6671.26	0.0026	P	2.4
4	☐	50.000	51.928	68203.61	0.0263	P	2.8
5	☐	125.000	127.640	168056.41	0.0646	P	2.1
6	☐	250.000	248.909	337993.57	0.1260	P	2.8
7	☐	500.000	509.852	667354.71	0.2581	P	6.2
8	☐	1000.000	994.920	1395233.71	0.5035	P	0.2
9	☐			1233.42	0.0005	P	5.6

y = 5.0606E-004 * x + 5.3851E-005
R = 0.9999
DL = 0.1503
BEC = 0.1064

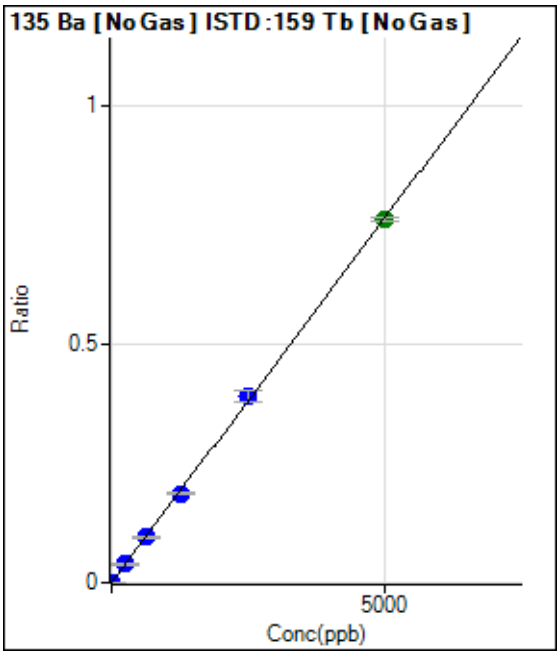
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	53.8
2	☐	0.200	0.210	427.79	0.0002	P	0.2
3	☐	2.000	2.147	4059.06	0.0016	P	1.9
4	☐	50.000	50.764	97762.89	0.0377	P	1.6
5	☐	125.000	125.128	241757.45	0.0930	P	2.1
6	☐	250.000	245.612	489587.05	0.1825	P	2.5
7	☐	500.000	505.309	970964.00	0.3755	P	6.3
8	☐	1000.000	998.388	2055774.50	0.7419	A	0.1
9	☐			1266.76	0.0005	P	4.5

y = 7.4311E-004 * x + 1.5362E-005
R = 1.0000
DL = 0.03338
BEC = 0.02067

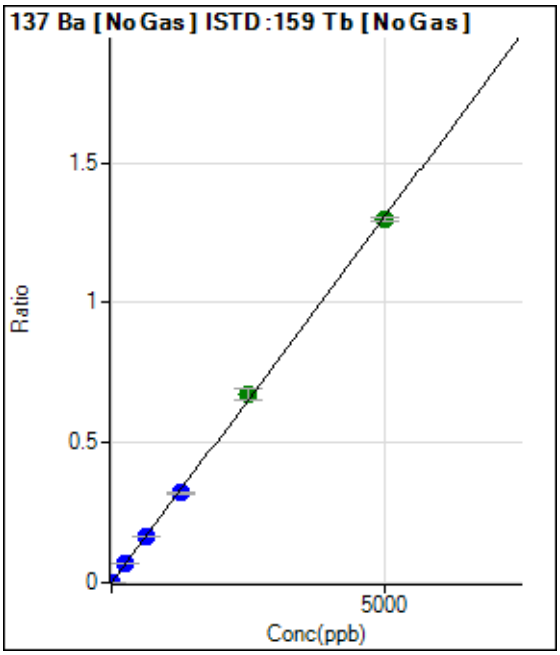
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.7
2	☐	1.000	1.098	425.02	0.0002	P	11.3
3	☐	10.000	9.905	3814.53	0.0015	P	1.8
4	☐	250.000	252.448	99757.57	0.0385	P	1.8
5	☐	625.000	627.469	248820.35	0.0957	P	2.6
6	☐	1250.000	1222.187	500085.91	0.1864	P	1.7
7	☐	2500.000	2553.118	1007018.47	0.3895	P	6.3
8	☐	5000.000	4979.963	2104847.75	0.7597	A	1.2
9	☐			886.17	0.0003	P	12.9

y = 1.5254E-004 * x + 3.2889E-006
R = 0.9999
DL = 0.0004324
BEC = 0.02156

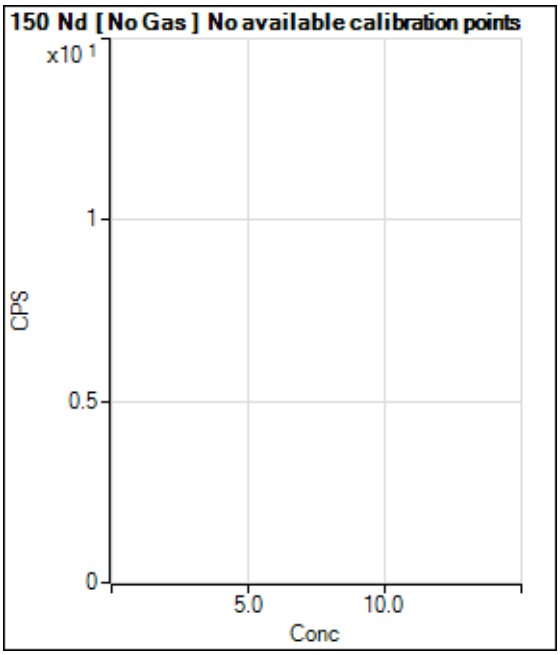
Weight: <None>
Min Conc: 0



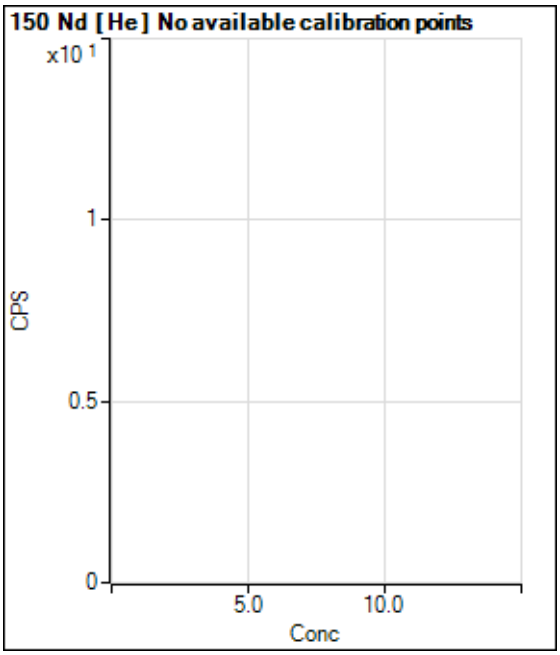
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000	0.941	616.70	0.0002	P	11.0
3	☐	10.000	9.776	6440.60	0.0026	P	4.1
4	☐	250.000	253.267	171295.06	0.0661	P	2.6
5	☐	625.000	625.322	424480.38	0.1633	P	1.6
6	☐	1250.000	1227.751	859947.30	0.3206	P	2.4
7	☐	2500.000	2585.224	1745509.07	0.6750	A	6.4
8	☐	5000.000	4962.747	3590471.57	1.2959	A	1.1
9	☐			1622.37	0.0006	P	12.8

y = 2.6112E-004 * x + 2.1842E-006
R = 0.9998
DL = 0.02173
BEC = 0.008365

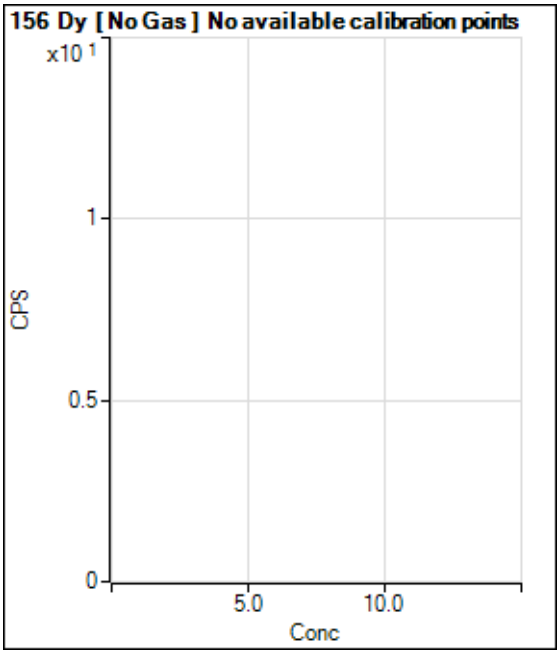
Weight: <None>
Min Conc: 0



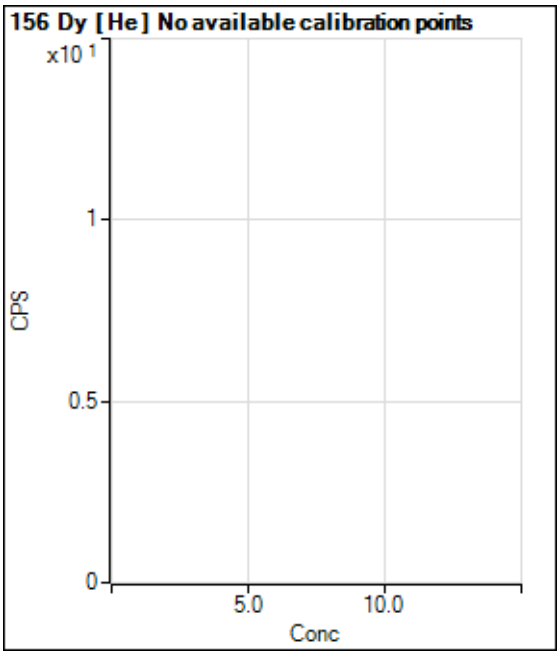
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.55		P	24.8
2	☐			2.22		P	173.2
3	☐			11.11		P	91.7
4	☐			8.89		P	114.5
5	☐			24.44		P	56.8
6	☐			35.56		P	60.3
7	☐			48.89		P	28.4
8	☐			100.00		P	29.1
9	☐			24.45		P	15.8



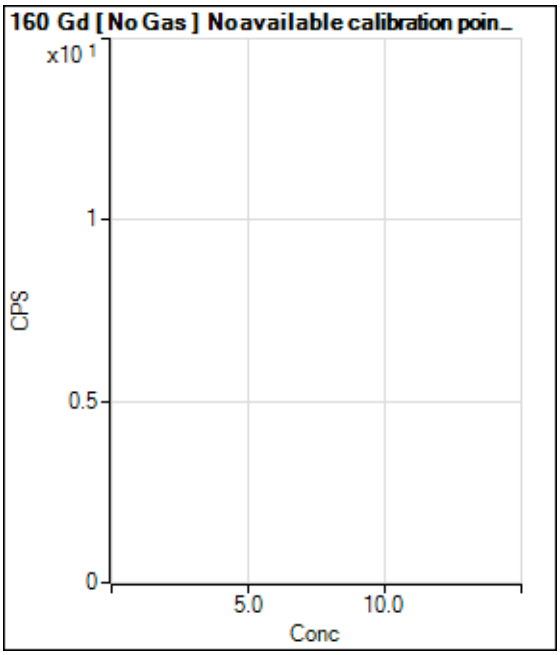
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			4.44		P	43.4
5	☐			3.33		P	100.1
6	☐			4.44		P	114.6
7	☐			2.22		P	173.2
8	☐			5.55		P	69.3
9	☐			13.33		P	66.2



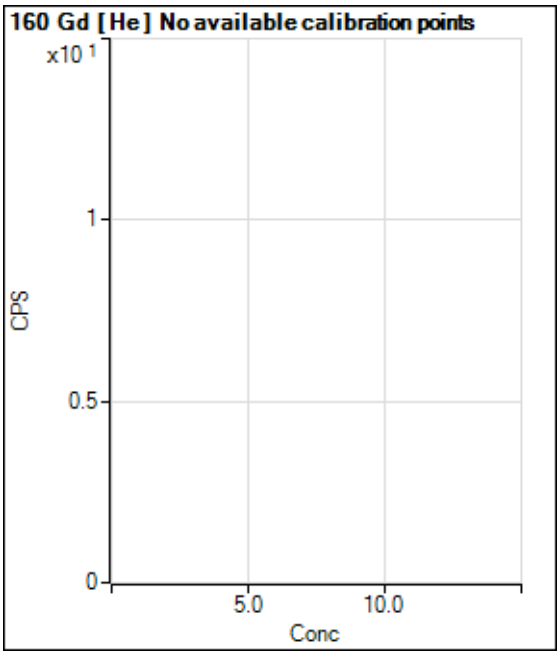
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	173.2
2	☐			8.33		P	0.0
3	☐			8.33		P	100.0
4	☐			8.33		P	0.0
5	☐			36.11		P	35.3
6	☐			47.22		P	44.4
7	☐			72.22		P	48.0
8	☐			125.00		P	6.7
9	☐			400.02		P	19.1



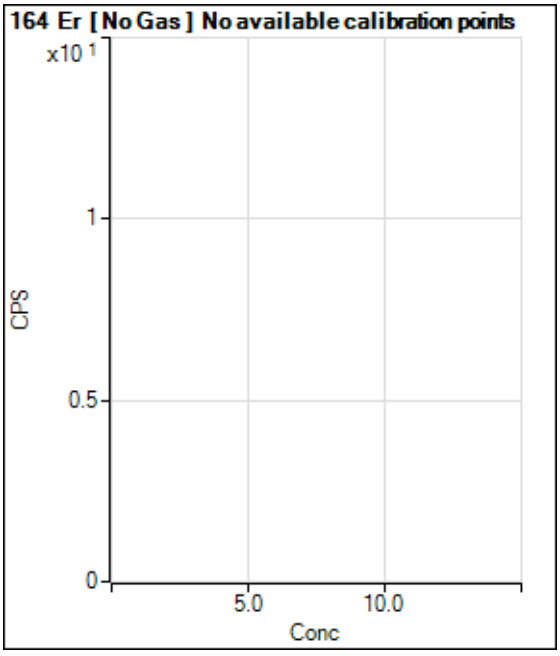
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			0.00		P	
4	☐			8.89		P	57.3
5	☐			6.66		P	86.6
6	☐			8.89		P	21.6
7	☐			28.89		P	17.6
8	☐			58.89		P	17.3
9	☐			246.67		P	4.9



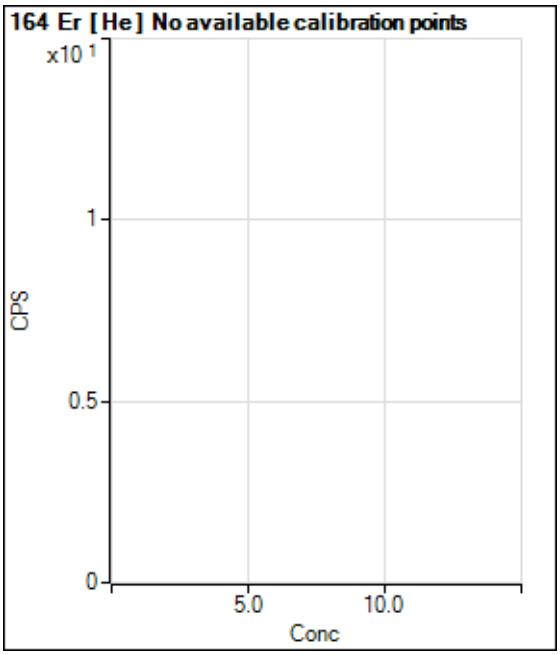
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	25.0
2	☐			25.00		P	57.7
3	☐			22.22		P	78.1
4	☐			33.33		P	75.0
5	☐			25.00		P	33.3
6	☐			52.78		P	48.2
7	☐			86.11		P	20.1
8	☐			111.11		P	42.6
9	☐			558.36		P	10.4



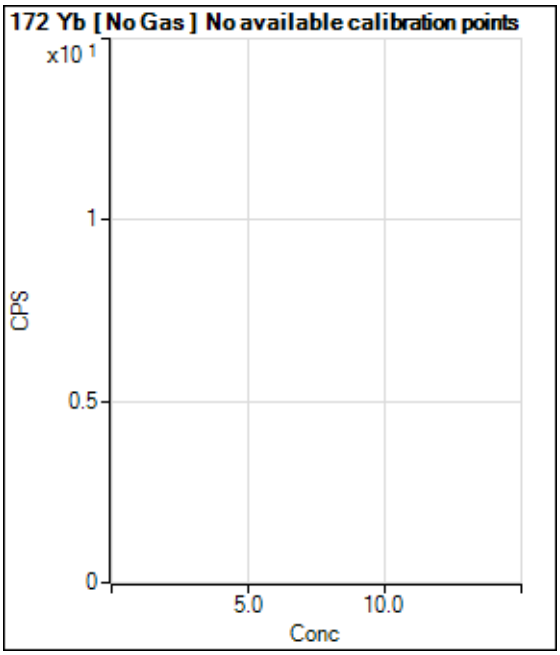
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	21.6
2	☐			1.11		P	173.2
3	☐			7.78		P	107.8
4	☐			12.22		P	15.7
5	☐			12.22		P	78.7
6	☐			33.33		P	26.4
7	☐			32.22		P	52.1
8	☐			75.56		P	12.7
9	☐			312.23		P	6.3



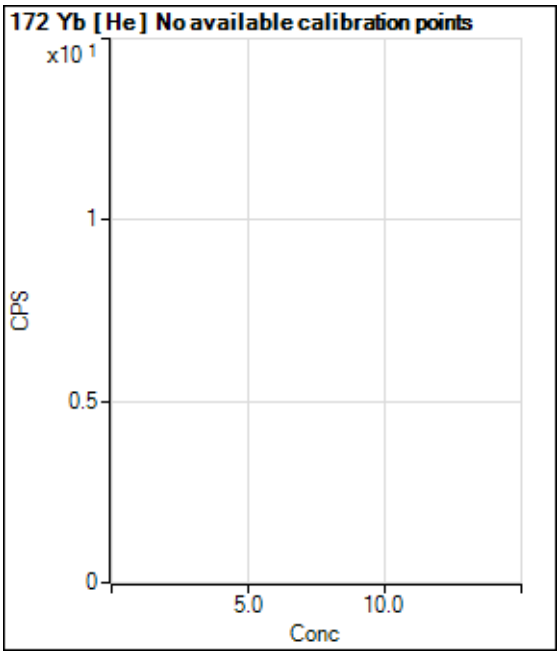
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	NaN
2	☐			50.00		P	28.9
3	☐			30.56		P	31.5
4	☐			33.33		P	25.0
5	☐			36.11		P	13.3
6	☐			16.67		P	50.0
7	☐			22.22		P	21.6
8	☐			25.00		P	33.3
9	☐			83.34		P	40.0



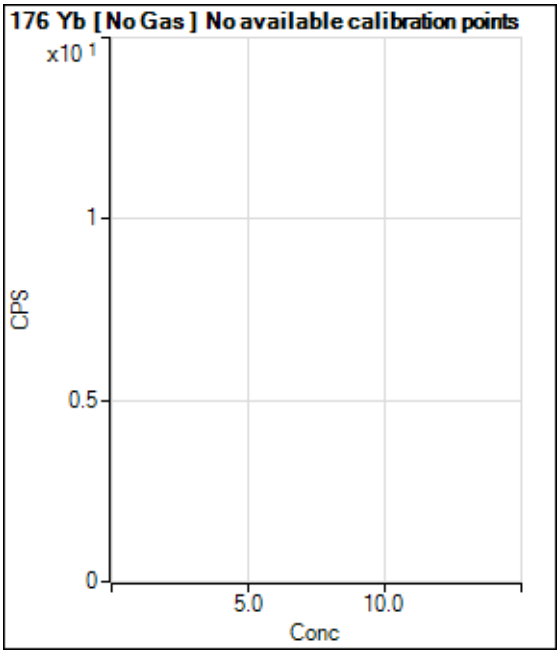
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	65.5
2	☐			11.11		P	17.3
3	☐			2.22		P	86.6
4	☐			11.11		P	91.7
5	☐			10.00		P	33.3
6	☐			10.00		P	66.7
7	☐			7.78		P	24.7
8	☐			17.78		P	65.8
9	☐			52.22		P	9.7



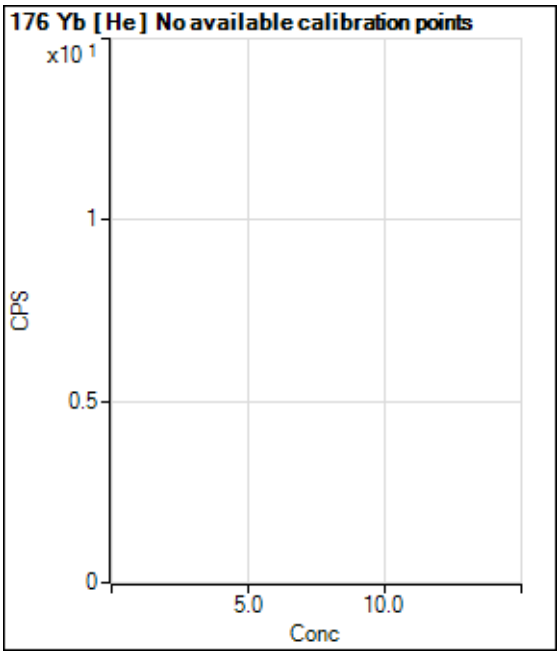
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.00		P	33.3
2	☐			13.89		P	124.9
3	☐			25.00		P	33.3
4	☐			13.89		P	69.3
5	☐			22.22		P	94.4
6	☐			13.89		P	69.3
7	☐			13.89		P	91.6
8	☐			27.78		P	62.5
9	☐			33.34		P	43.3



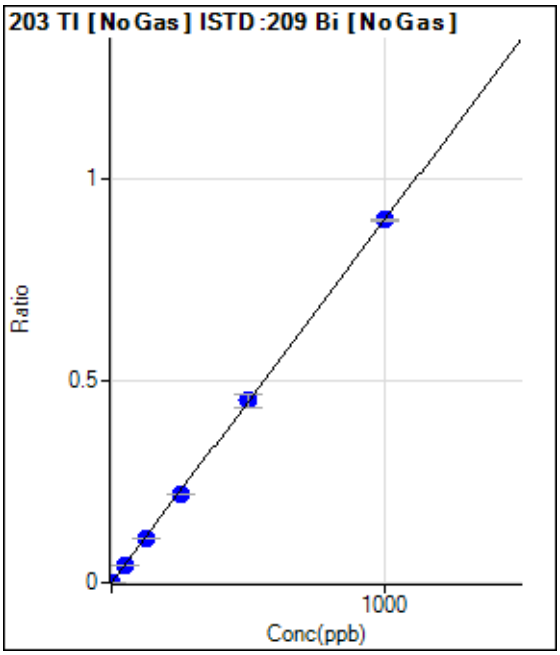
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	100.0
2	☐			1.85		P	173.2
3	☐			7.41		P	43.2
4	☐			3.71		P	86.6
5	☐			0.00		P	
6	☐			5.56		P	100.0
7	☐			3.70		P	173.2
8	☐			7.41		P	43.2
9	☐			9.26		P	69.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			152.78		P	32.0
2	☐			227.79		P	12.8
3	☐			211.12		P	12.7
4	☐			230.56		P	2.1
5	☐			216.68		P	34.6
6	☐			250.01		P	3.3
7	☐			236.12		P	19.4
8	☐			202.78		P	13.2
9	☐			216.68		P	21.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			155.56		P	15.6
2	☐			162.97		P	5.2
3	☐			146.30		P	14.4
4	☐			109.26		P	15.5
5	☐			148.15		P	27.1
6	☐			159.26		P	12.3
7	☐			111.11		P	30.4
8	☐			129.63		P	2.5
9	☐			153.71		P	12.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0001	P	21.1
2	☐	0.100	0.110	255.57	0.0002	P	17.5
3	☐	1.000	0.886	1202.87	0.0009	P	3.6
4	☐	50.000	49.566	61627.36	0.0446	P	2.2
5	☐	125.000	123.251	154652.08	0.1107	P	0.1
6	☐	250.000	244.568	314809.93	0.2196	P	0.9
7	☐	500.000	501.342	640707.74	0.4500	P	7.3
8	☐	1000.000	1000.928	1351449.25	0.8984	P	0.5
9	☐			458.35	0.0003	P	5.2

y = 8.9744E-004 * x + 9.4701E-005

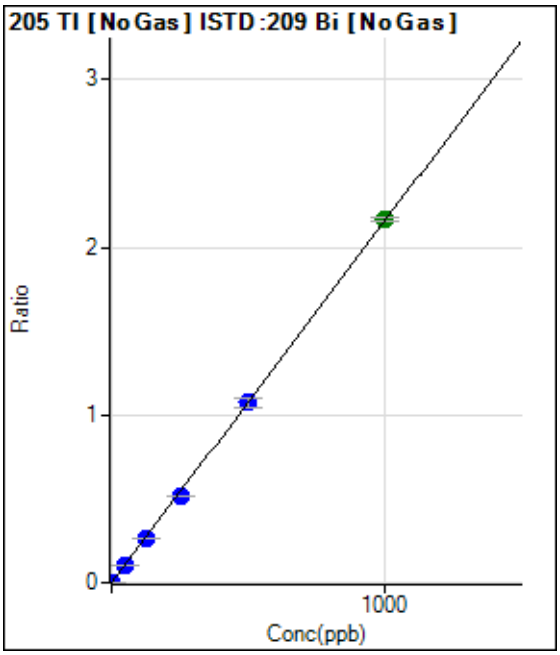
R = 1.0000

DL = 0.06683

BEC = 0.1055

Weight: <None>

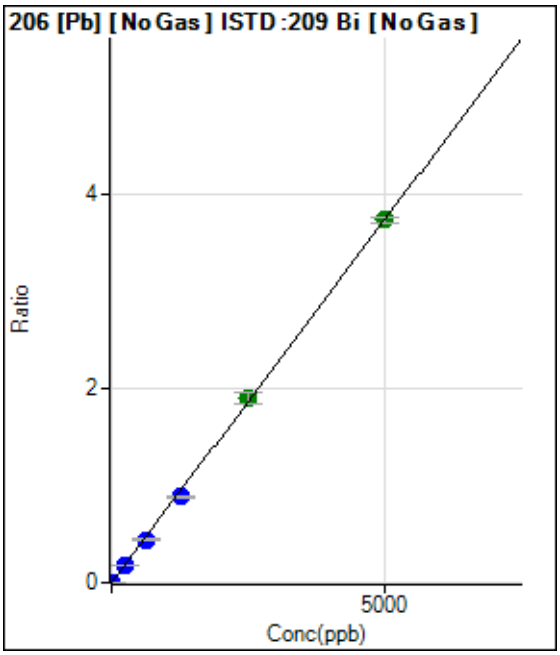
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0002	P	17.6
2	☐	0.100	0.115	558.36	0.0004	P	10.6
3	☐	1.000	0.968	3053.23	0.0023	P	1.6
4	☐	50.000	48.581	144944.90	0.1048	P	2.2
5	☐	125.000	120.877	364075.66	0.2606	P	1.6
6	☐	250.000	240.348	742625.32	0.5180	P	0.1
7	☐	500.000	497.735	1527873.35	1.0726	P	5.4
8	☐	1000.000	1004.132	3254650.25	2.1636	A	1.2
9	☐			1002.84	0.0007	P	13.6

y = 0.0022 * x + 1.7390E-004
R = 0.9999
DL = 0.0425
BEC = 0.08071

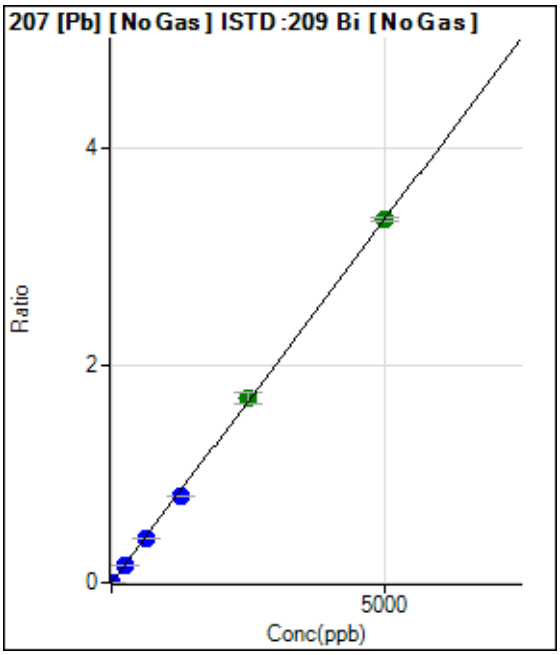
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.71	0.0001	P	7.4
2	☐	0.100	0.028	224.08	0.0002	P	11.2
3	☐	1.000	0.969	1179.70	0.0009	P	5.5
4	☐	250.000	237.565	245608.91	0.1776	P	2.2
5	☐	625.000	595.191	621464.89	0.4449	P	1.2
6	☐	1250.000	1181.061	1265267.39	0.8826	P	0.5
7	☐	2500.000	2537.411	2700008.65	1.8960	A	6.4
8	☐	5000.000	5002.877	5622750.01	3.7381	A	1.6
9	☐			11138.29	0.0080	P	2.1

y = 7.4717E-004 * x + 1.4814E-004
R = 0.9999
DL = 0.04402
BEC = 0.1983

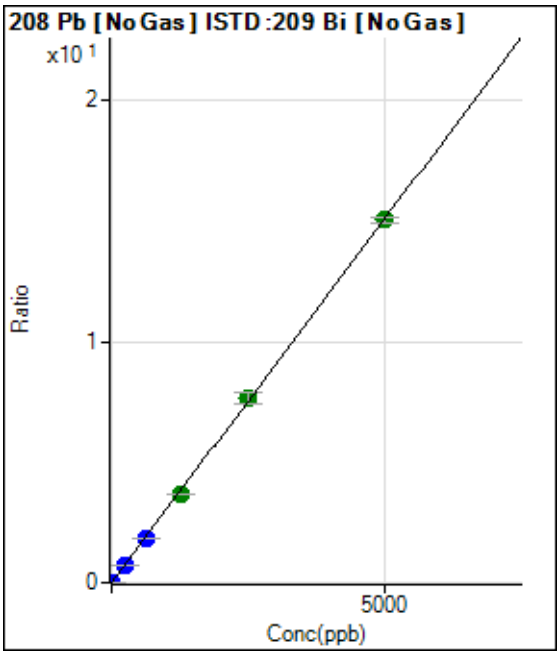
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.04	0.0001	P	21.5
2	☐	0.100	0.091	261.12	0.0002	P	12.0
3	☐	1.000	0.823	925.98	0.0007	P	7.0
4	☐	250.000	240.454	222236.95	0.1608	P	2.9
5	☐	625.000	599.992	560082.71	0.4009	P	1.1
6	☐	1250.000	1195.184	1144773.98	0.7985	P	0.8
7	☐	2500.000	2540.964	2417581.62	1.6975	A	5.8
8	☐	5000.000	4996.825	5021106.59	3.3379	A	1.1
9	☐			10187.50	0.0073	P	1.7

y = 6.6799E-004 * x + 1.3576E-004
R = 0.9999
DL = 0.1313
BEC = 0.2032

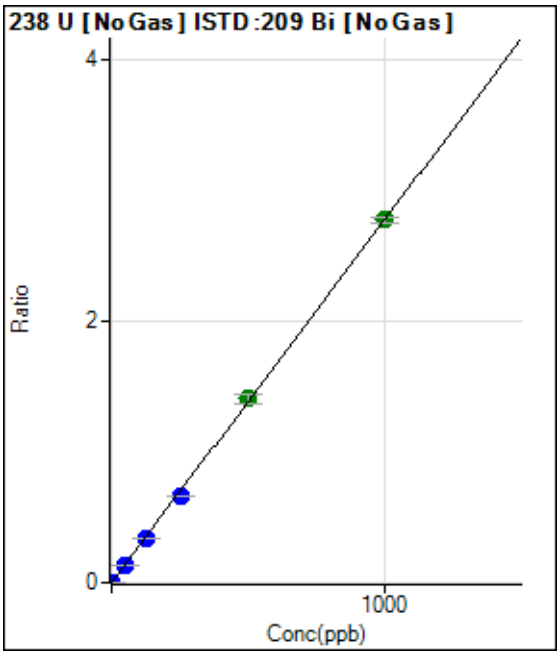
Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	809.29	0.0006	P	1.3
2	☑	0.100					
3	☐	1.000	0.888	4417.05	0.0033	P	5.8
4	☐	250.000	240.489	1003904.39	0.7261	P	1.9
5	☐	625.000	598.467	2523196.56	1.8062	P	0.8
6	☐	1250.000	1221.636	5284829.02	3.6863	A	0.6
7	☐	2500.000	2542.044	10923065.06	7.6699	A	6.0
8	☐	5000.000	4989.861	22645284.42	15.0550	A	1.8
9	☐			46220.30	0.0330	P	0.4

y = 0.0030 * x + 5.8817E-004
R = 0.9999
DL = 0.007418
BEC = 0.195

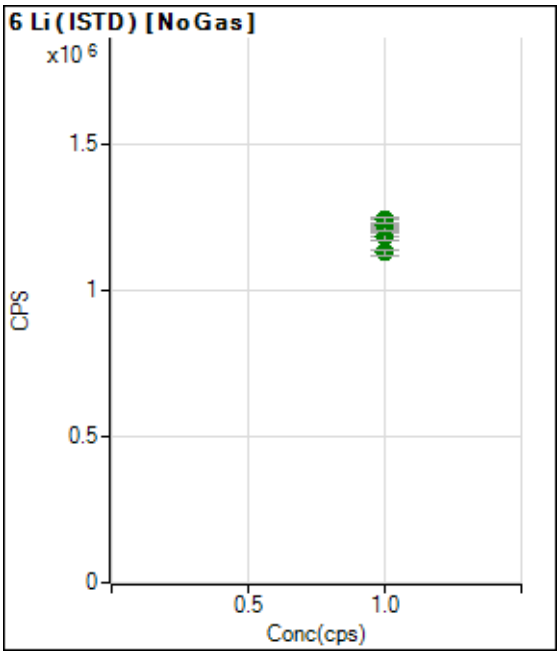
Weight: <None>
Min Conc: 0



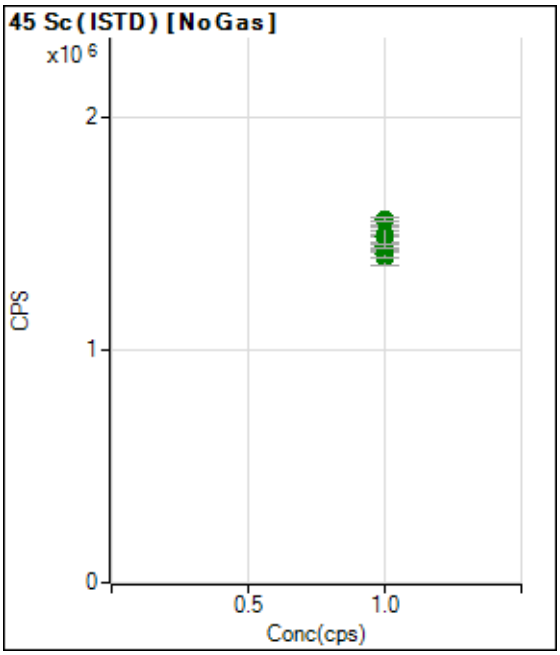
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	32.1
2	☐	0.100	0.099	391.69	0.0003	P	21.4
3	☐	1.000	0.884	3339.41	0.0025	P	6.6
4	☐	50.000	47.957	184017.87	0.1331	P	1.4
5	☐	125.000	119.915	464897.51	0.3328	P	0.8
6	☐	250.000	238.061	947037.83	0.6606	P	0.6
7	☐	500.000	506.892	2003842.26	1.4067	A	5.7
8	☐	1000.000	1000.277	4175327.31	2.7758	A	1.4
9	☐			691.71	0.0005	P	7.8

y = 0.0028 * x + 1.8116E-005
R = 0.9999
DL = 0.006281
BEC = 0.006528

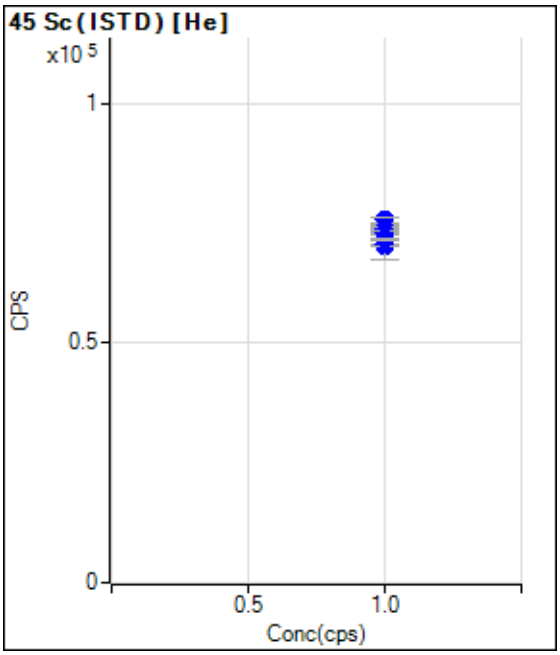
Weight: <None>
Min Conc: 0



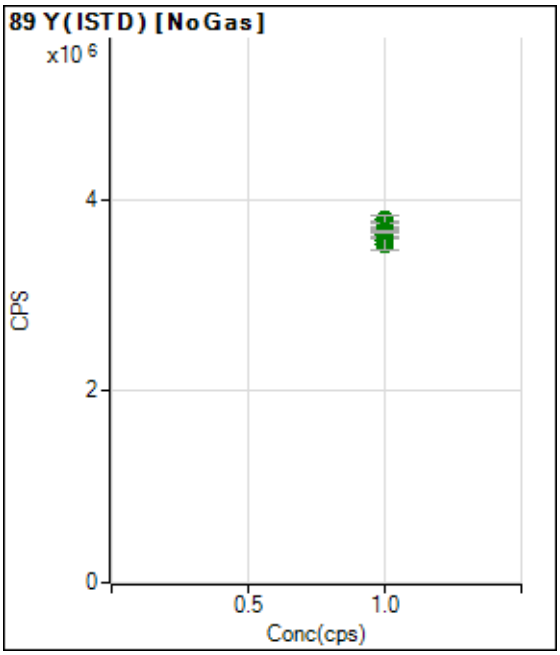
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1202121.53		A	0.6
2	☐	1.000		1197533.85		A	2.8
3	☐	1.000		1182969.35		A	2.1
4	☐	1.000		1217026.95		A	0.8
5	☐	1.000		1216426.92		A	1.8
6	☐	1.000		1230707.54		A	2.6
7	☐	1.000		1225080.41		A	3.2
8	☐	1.000		1239744.64		A	1.9
9	☐	1.000		1128029.50		A	2.1



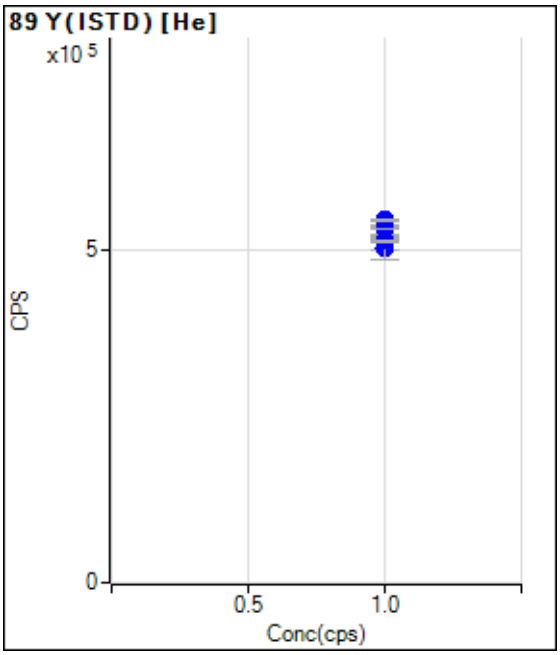
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1438940.04		A	3.1
2	☐	1.000		1394311.80		A	4.5
3	☐	1.000		1415764.25		A	3.2
4	☐	1.000		1448315.66		A	1.6
5	☐	1.000		1496828.55		A	1.3
6	☐	1.000		1490323.24		A	0.7
7	☐	1.000		1486477.73		A	5.0
8	☐	1.000		1552881.63		A	2.5
9	☐	1.000		1557620.15		A	1.2



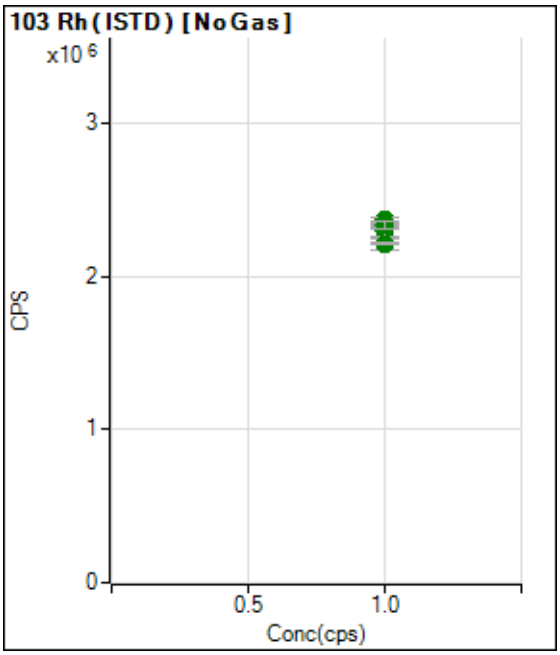
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		71995.10		P	4.3
2	☐	1.000		74445.84		P	0.1
3	☐	1.000		75674.38		P	1.3
4	☐	1.000		70311.16		P	8.1
5	☐	1.000		74354.33		P	1.5
6	☐	1.000		73858.45		P	1.1
7	☐	1.000		70741.76		P	1.4
8	☐	1.000		72860.10		P	1.0
9	☐	1.000		71620.62		P	0.7



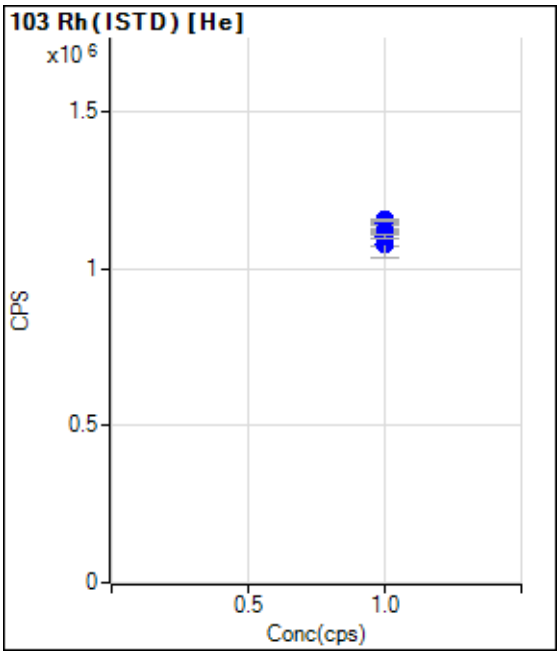
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3678824.70		A	1.2
2	☐	1.000		3532484.64		A	3.1
3	☐	1.000		3641851.75		A	1.6
4	☐	1.000		3708401.92		A	0.2
5	☐	1.000		3696932.83		A	0.7
6	☐	1.000		3761657.31		A	0.9
7	☐	1.000		3563421.48		A	5.5
8	☐	1.000		3786541.71		A	2.1
9	☐	1.000		3666549.77		A	0.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		510873.15		P	4.8
2	☐	1.000		519781.91		P	1.1
3	☐	1.000		536960.34		P	0.0
4	☐	1.000		502097.89		P	7.1
5	☐	1.000		535142.66		P	0.8
6	☐	1.000		531103.65		P	0.2
7	☐	1.000		512132.07		P	0.8
8	☐	1.000		544280.36		P	0.6
9	☐	1.000		544156.31		P	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2339018.46		A	0.7
2	☐	1.000		2267220.15		A	4.1
3	☐	1.000		2299761.99		A	3.9
4	☐	1.000		2364927.33		A	1.9
5	☐	1.000		2373068.69		A	1.7
6	☐	1.000		2356603.37		A	0.8
7	☐	1.000		2218429.35		A	3.9
8	☐	1.000		2338483.50		A	2.5
9	☐	1.000		2219763.03		A	0.5



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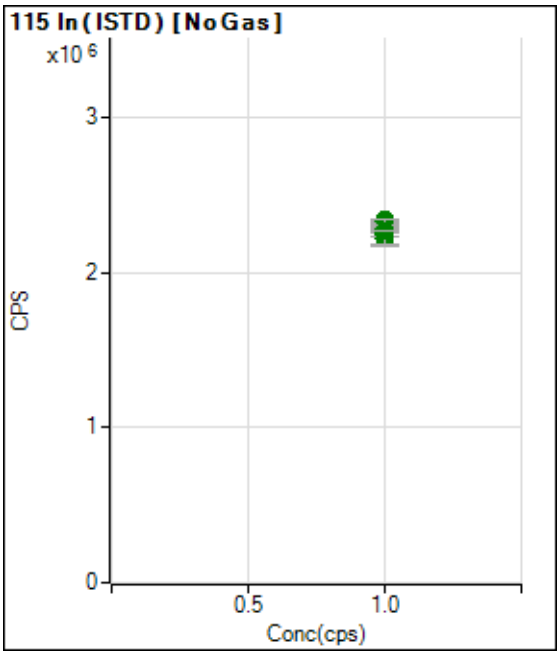
1	☐	1.000		1097711.43		P	4.9
2	☐	1.000		1125805.00		P	0.2
3	☐	1.000		1141219.53		P	0.5
4	☐	1.000		1078886.07		P	8.2
5	☐	1.000		1141900.59		P	0.4
6	☐	1.000		1148685.81		P	1.1
7	☐	1.000		1112819.84		P	0.4
8	☐	1.000		1156084.91		P	0.6
9	☐	1.000		1101919.89		P	1.2



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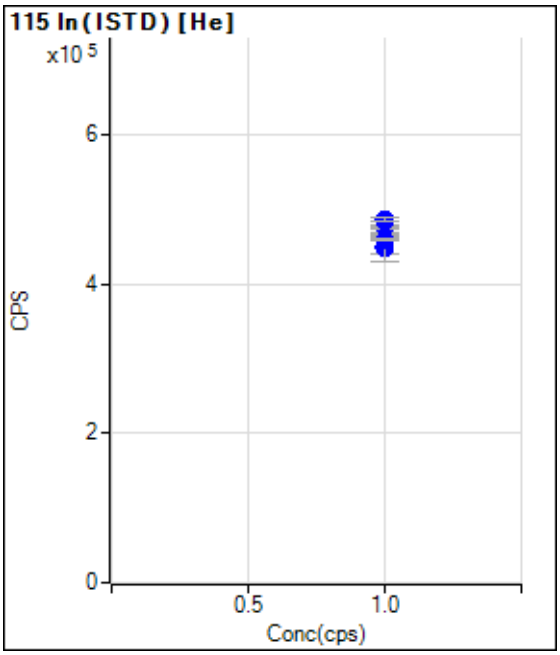
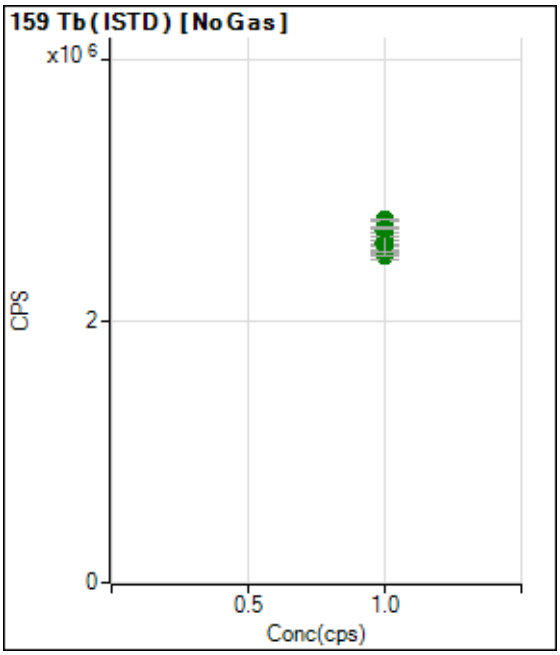
1	☐	1.000		2305069.85		A	1.6
2	☐	1.000		2217551.89		A	4.0
3	☐	1.000		2259103.81		A	2.2
4	☐	1.000		2335400.50		A	1.4
5	☐	1.000		2290569.39		A	1.7
6	☐	1.000		2343046.36		A	0.3
7	☐	1.000		2243009.72		A	4.9
8	☐	1.000		2332920.66		A	1.7
9	☐	1.000		2275673.08		A	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		451909.19		P	4.9
2	☐	1.000		464456.00		P	0.3
3	☐	1.000		475817.57		P	0.6
4	☐	1.000		449228.50		P	8.1
5	☐	1.000		476594.26		P	0.6
6	☐	1.000		475559.79		P	0.5
7	☐	1.000		459217.18		P	0.7
8	☐	1.000		483732.83		P	0.2
9	☐	1.000		485854.77		P	1.1



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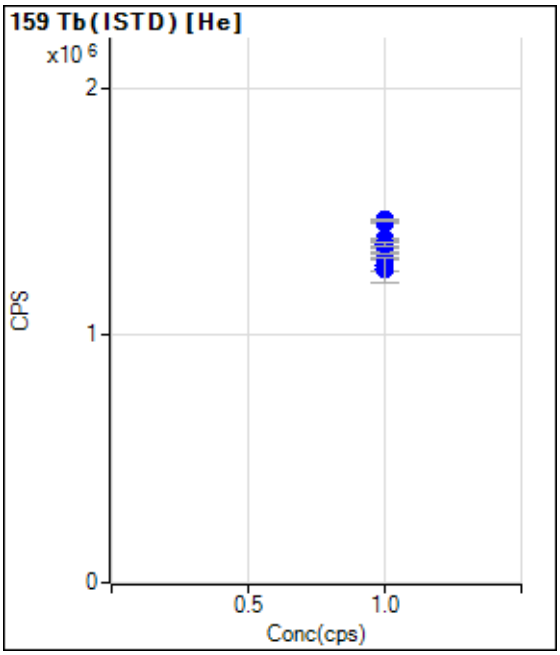
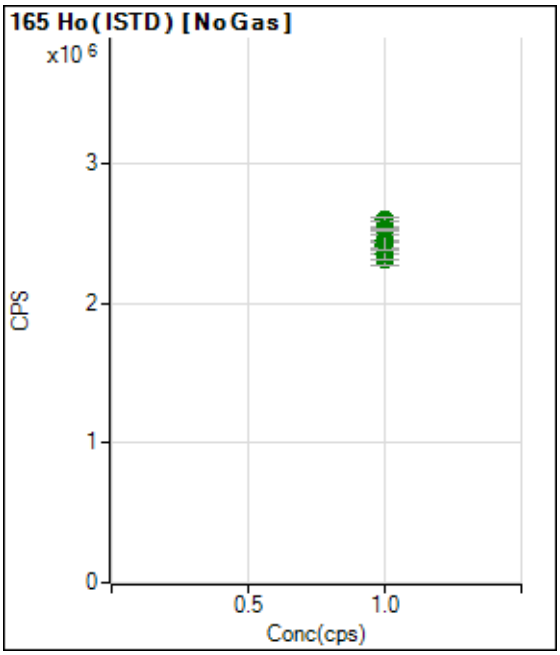
1	☐	1.000		2532839.66		A	0.7
2	☐	1.000		2491201.45		A	2.2
3	☐	1.000		2519657.88		A	1.9
4	☐	1.000		2590736.65		A	1.4
5	☐	1.000		2599929.80		A	1.0
6	☐	1.000		2682547.34		A	1.0
7	☐	1.000		2590369.60		A	4.4
8	☐	1.000		2770852.43		A	0.9
9	☐	1.000		2706149.79		A	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1280671.97		P	4.0
2	☐	1.000		1312854.08		P	0.5
3	☐	1.000		1330960.45		P	0.5
4	☐	1.000		1266161.74		P	8.0
5	☐	1.000		1364708.83		P	1.4
6	☐	1.000		1390603.17		P	0.5
7	☐	1.000		1366624.07		P	1.0
8	☐	1.000		1454313.09		P	0.4
9	☐	1.000		1466176.91		P	0.6



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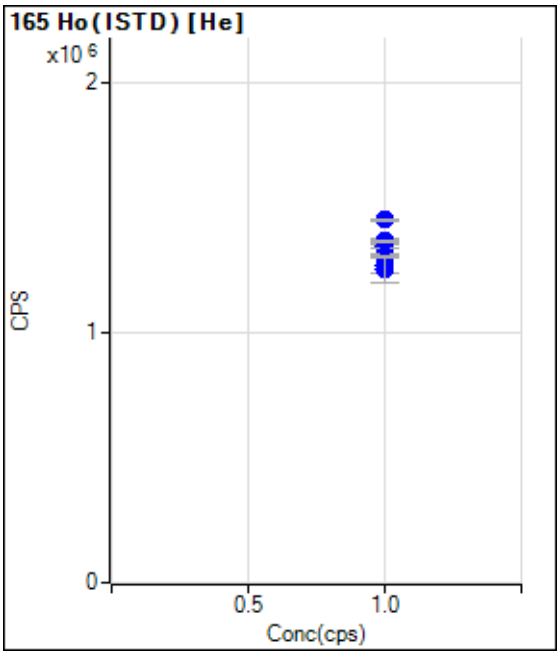
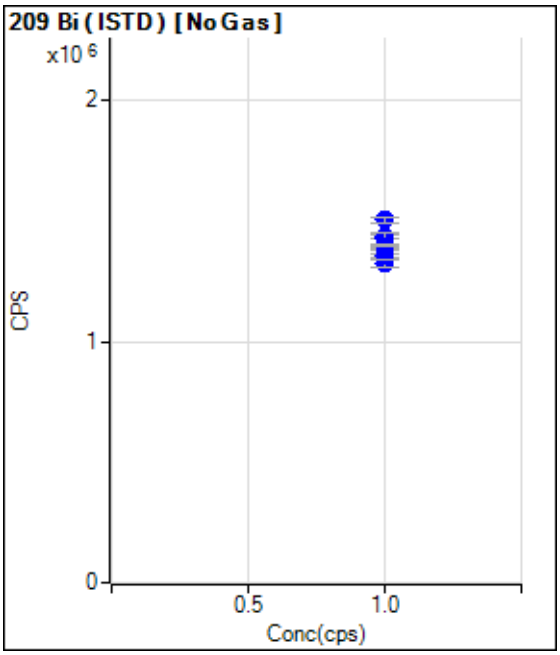
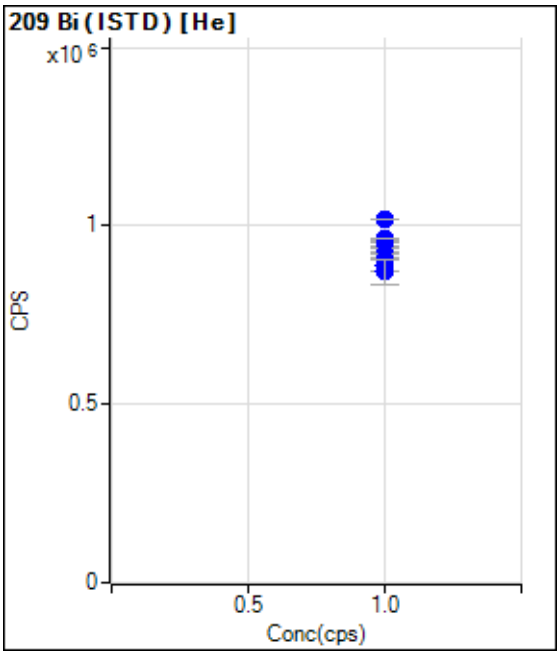
1	☐	1.000		2414680.72		A	1.7
2	☐	1.000		2316623.86		A	3.6
3	☐	1.000		2350550.55		A	2.9
4	☐	1.000		2421927.85		A	1.6
5	☐	1.000		2442945.89		A	1.0
6	☐	1.000		2524383.24		A	2.1
7	☐	1.000		2448866.63		A	5.4
8	☐	1.000		2598036.80		A	1.1
9	☐	1.000		2528314.34		A	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1265666.65		P	4.8
2	☐	1.000		1301029.54		P	0.7
3	☐	1.000		1309570.17		P	0.6
4	☐	1.000		1249573.01		P	8.1
5	☐	1.000		1344818.01		P	0.8
6	☐	1.000		1369619.96		P	0.5
7	☐	1.000		1364673.87		P	0.9
8	☐	1.000		1449077.04		P	0.3
9	☐	1.000		1449883.85		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1375926.68		P	1.4
2	☐	1.000		1326462.62		P	3.1
3	☐	1.000		1351817.57		P	2.1
4	☐	1.000		1382614.86		P	0.7
5	☐	1.000		1396971.94		P	0.3
6	☐	1.000		1433578.83		P	1.4
7	☐	1.000		1426360.43		P	4.0
8	☐	1.000		1504374.35		P	1.5
9	☐	1.000		1399062.22		P	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		887301.13		P	3.7
2	☐	1.000		909167.56		P	0.5
3	☐	1.000		922934.13		P	0.3
4	☐	1.000		872092.48		P	8.1
5	☐	1.000		938083.37		P	0.5
6	☐	1.000		954084.61		P	0.2
7	☐	1.000		955077.99		P	0.6
8	☐	1.000		1016439.13		P	0.0
9	☐	1.000		965334.90		P	0.1

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P8052821AMS.b
Acq. Date-Time	2021-05-28 18:03:09
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		3248	32484.50			1.074	5.000
24		14526	145259.91			1.662	5.000
25		1972	19716.71			1.178	5.000
26		2381	23812.63			1.403	5.000
59		4235	42347.42			1.415	5.000
113		1999	19986.78			1.545	5.000
115		5936	59362.76			1.195	5.000
206		2199	21988.14			1.968	5.000
207		1814	18141.93			1.691	5.000
208		4501	45008.60			1.988	5.000
220		1	13.10			21.992	

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

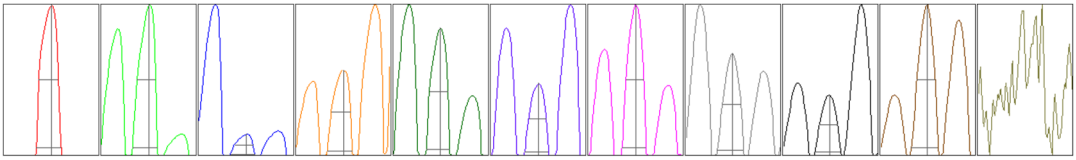
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3213	3242	3219	3294	3274
24	14150	14476	14578	14622	14804
25	1948	1964	1990	1955	2002
26	2336	2359	2389	2406	2416
59	4175	4226	4183	4275	4315
113	1967	1996	1987	1993	2050
115	5847	6029	5888	5952	5966
206	2135	2219	2182	2207	2250
207	1762	1833	1818	1818	1840
208	4357	4526	4490	4530	4600

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5691.54	9.05	8.90 - 9.10	
24	26243.89	24.05	23.90 - 24.10	
25	3563.45	25.05	24.90 - 25.10	
26	4105.73	26.05	25.90 - 26.10	
59	7799.61	59.00	58.90 - 59.10	
113	3786.41	113.05	112.90 - 113.10	
115	11226.36	115.05	114.90 - 115.10	
206	3973.68	206.00	205.90 - 206.10	
207	3276.40	207.00	206.90 - 207.10	
208	8262.06	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.779	0.900	
24	0.58	0.783	0.900	
25	0.59	0.771	0.900	
26	0.61	0.785	0.900	
59	0.58	0.738	0.900	
113	0.54	0.747	0.900	
115	0.55	0.764	0.900	
206	0.58	0.825	0.900	
207	0.57	0.821	0.900	
208	0.57	0.848	0.900	
220				

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

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.47 L/min	Dilution Gas	0.42 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	9.7 V	Deflect	16.2 V
Extract 2	-220.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 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	122	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm

EM

Discriminator	3.9 mV	Analog HV	2209 V	Pulse HV	1491 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1100	10995.20			1.190	
89		3305	33050.34			1.394	
205		2072	20723.95			1.007	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1086	1091	1098	1103	1120
89	3304	3306	3275	3260	3380
205	2086	2067	2068	2043	2098

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.47 L/min	Dilution Gas	0.42 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	9.7 V	Deflect	4.2 V

US EPA Tune Check Report

Extract 2	-220.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 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	122	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm		

EM

Discriminator	3.9 mV	Analog HV	2209 V	Pulse HV	1491 V