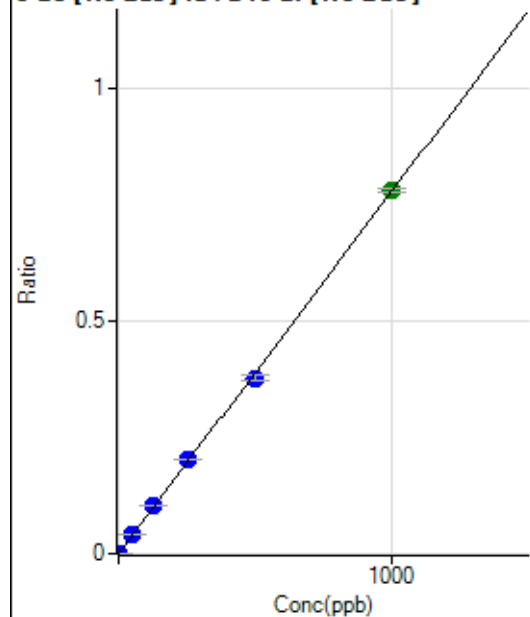


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7011625-MS.b\
 Analysis File: P7011625-MS.batch.bin
 DA Date-Time: 2025-01-27 12:58:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-16 12:00:04
2	006CALS.d	S02	2025-01-16 12:06:40
3	007CALS.d	S03	2025-01-16 12:09:55
4	008CALS.d	S04	2025-01-16 12:12:59
5	009CALS.d	S05	2025-01-16 12:15:52
6	010CALS.d	S06	2025-01-16 12:18:40
7	011CALS.d	S07	2025-01-16 12:21:24
8	012CALS.d	S08	2025-01-16 12:24:10

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	26.2
2	☐	1.000	1.096	1340.07	0.0009	P	4.2
3	☐	50.000	54.407	63447.60	0.0424	P	2.9
4	☐	125.000	134.201	160768.89	0.1046	P	1.3
5	☐	250.000	262.477	309773.31	0.2045	P	0.3
6	☐	500.000	485.864	572562.36	0.3785	P	2.5
7	☐	1000.000	1002.578	1159817.80	0.7809	A	1.1
8	☐			450.01	0.0003	P	16.8

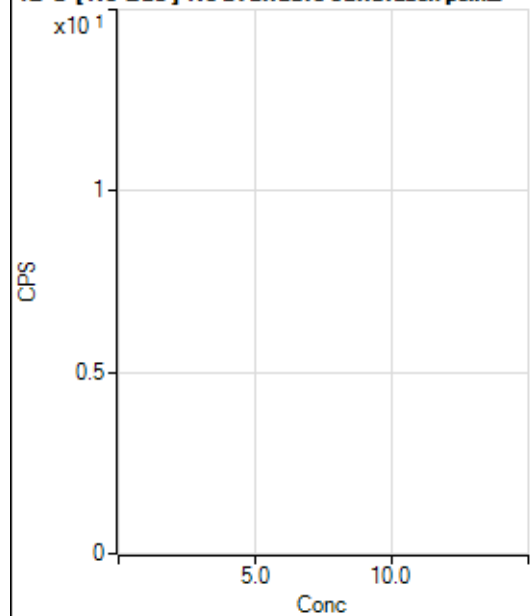
$$y = 7.7889\text{E-}004 * x + 2.2538\text{E-}005$$

$$R = 0.9997$$

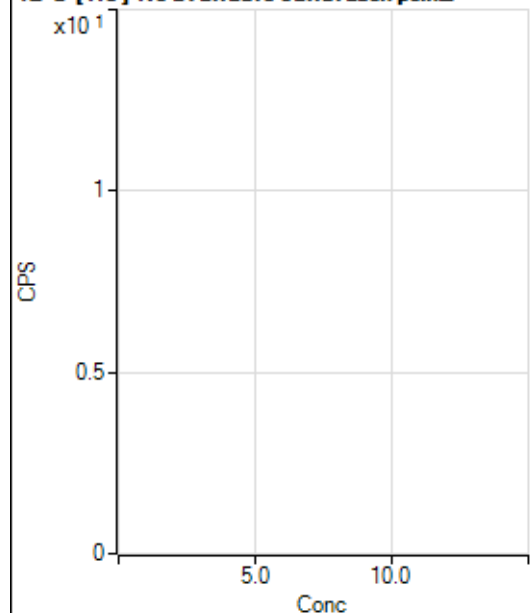
$$DL = 0.02277$$

Weight: <None>

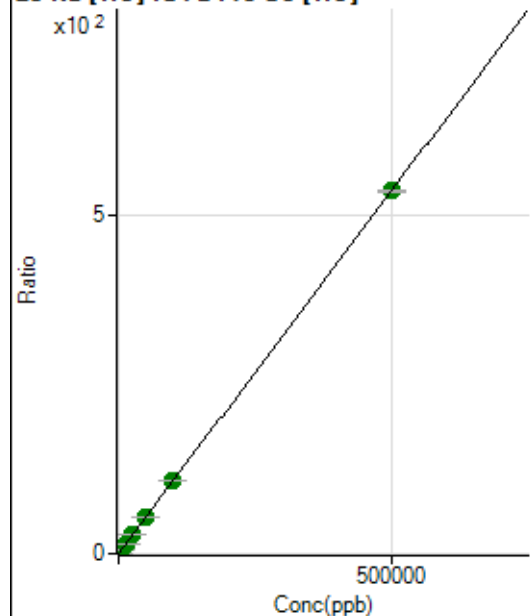
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17031.72	0.0277	P	1.5
2	☐	500.000	518.044	351614.78	0.5843	P	0.3
3	☐	5000.000	4921.762	3263220.19	5.3153	A	3.0
4	☐	12500.000	12646.527	8130642.87	13.6143	A	0.9
5	☐	25000.000	25510.549	14824197.56	27.4346	A	0.2
6	☐	50000.000	50042.775	28905934.29	53.7904	A	0.9
7	☐	100000.00	99953.340	58664046.35	107.4111	A	0.5
8	☐	500000.00	499976.62	303475464.3	537.1700	A	0.3

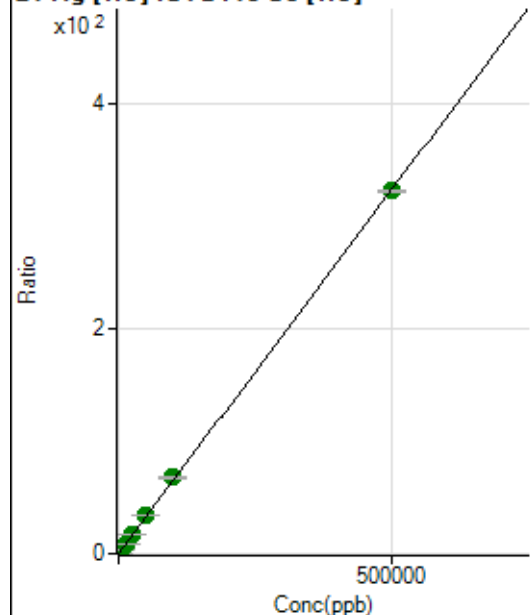
$$y = 0.0011 * x + 0.0277$$

$$R = 1.0000$$

$$DL = 1.138$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	876.70	0.0014	P	5.0
2	☐	500.000	551.766	215240.18	0.3577	P	0.8
3	☐	5000.000	5207.017	2065111.01	3.3632	A	2.3
4	☐	12500.000	13414.320	5172966.70	8.6620	A	1.2
5	☐	25000.000	26834.827	9362423.82	17.3266	A	0.2
6	☐	50000.000	52376.062	18172385.28	33.8166	A	0.9
7	☐	100000.00	104541.68	36863341.95	67.4959	A	0.8
8	☐	500000.00	498737.33	181908666.1	321.9973	A	0.5

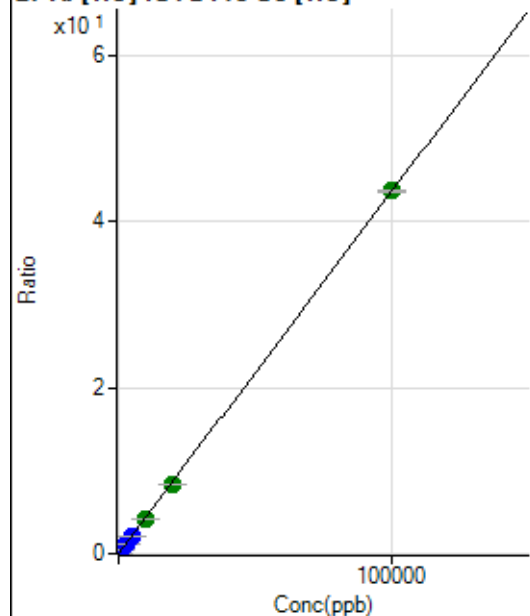
$$y = 6.4562\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.3297$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.23	0.0003	P	13.4
2	☐	20.000	20.260	5519.93	0.0092	P	2.3
3	☐	1000.000	947.771	253719.49	0.4133	P	3.1
4	☐	2500.000	2446.504	636783.93	1.0662	P	0.7
5	☐	5000.000	4850.306	1142044.18	2.1135	P	0.1
6	☐	10000.000	9685.197	2267860.00	4.2200	A	0.5
7	☐	20000.000	19211.379	4571612.43	8.3704	A	0.4
8	☐	100000.00	100198.54	24662546.85	43.6552	A	0.6

$$y = 4.3568\text{E-}004 * x + 3.4533\text{E-}004$$

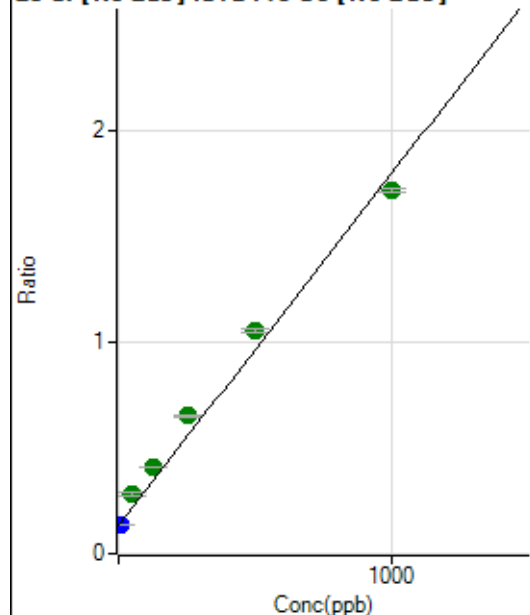
$$R = 1.0000$$

$$DL = 0.3197$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	735385.40	0.1336	P	2.3
2	☐	10.000	3.301	745812.49	0.1391	P	1.2
3	☐	50.000	88.856	1485144.91	0.2816	A	3.8
4	☐	125.000	166.756	2201402.03	0.4113	A	1.1
5	☐	250.000	311.495	3226237.28	0.6523	A	1.6
6	☐	500.000	553.328	4988683.26	1.0550	A	1.5
7	☐	1000.000	950.867	8179808.56	1.7170	A	0.9
8	☐			593442.45	0.1225	P	1.1

$$y = 0.0017 * x + 0.1336$$

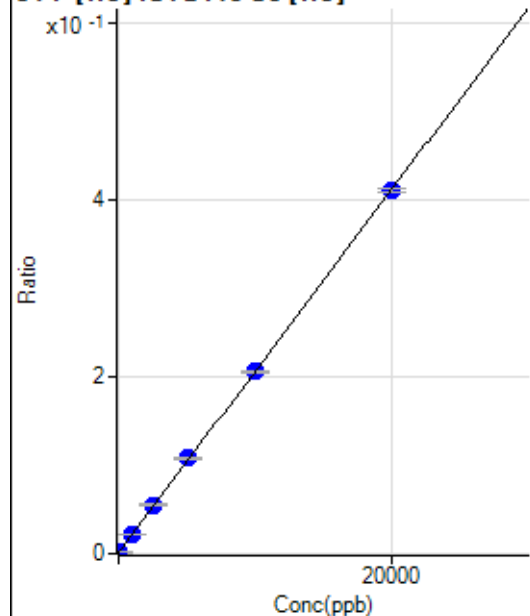
$$R = 0.9947$$

$$DL = 5.436$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.661	402.23	0.0007	P	9.0
2	☐	0.000	17.661	830.03	0.0014	P	5.2
3	☐	1000.000	1007.763	13326.98	0.0217	P	1.2
4	☐	2500.000	2648.624	33073.48	0.0554	P	0.3
5	☐	5000.000	5195.869	58170.97	0.1077	P	0.5
6	☐	10000.000	9992.622	110754.38	0.2061	P	1.3
7	☐	20000.000	19935.756	224017.49	0.4102	P	1.1
8	☐			532.24	0.0009	P	2.1

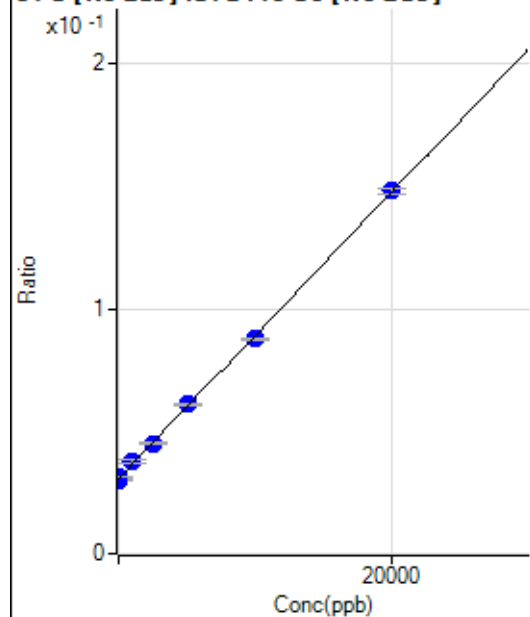
$$y = 2.0524E-005 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 9.532$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-130.051	164787.45	0.0299	P	2.0
2	☐	0.000	130.051	168677.17	0.0315	P	0.6
3	☐	1000.000	1178.965	198253.57	0.0376	P	3.4
4	☐	2500.000	2460.153	241271.48	0.0451	P	0.3
5	☐	5000.000	5181.070	301596.05	0.0610	P	1.3
6	☐	10000.000	9732.191	414126.84	0.0876	P	1.5
7	☐	20000.000	20084.670	705509.12	0.1481	P	1.3
8	☐			130407.44	0.0269	P	2.2

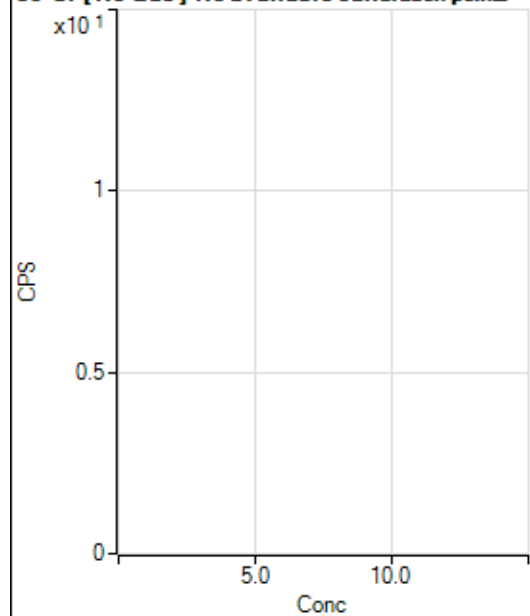
$$y = 5.8448\text{E-}006 * x + 0.0307$$

$$R = 0.9997$$

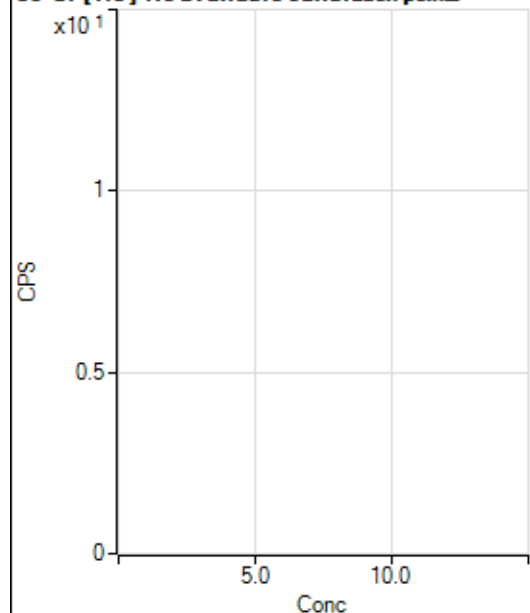
$$DL = 201.3$$

Weight: <None>

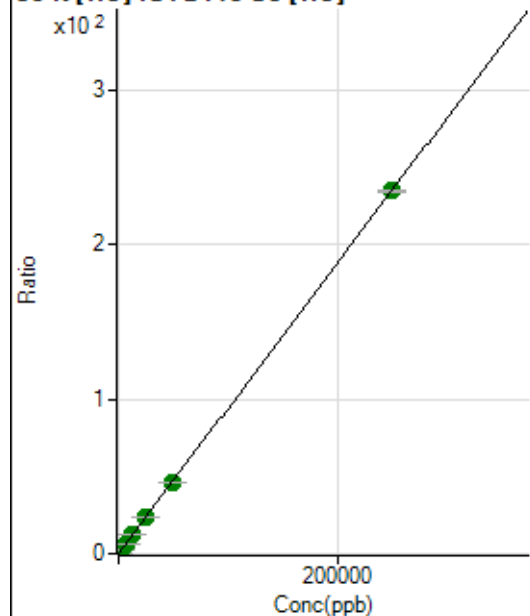
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61644.05	0.1003	P	1.2
2	☐	500.000	548.454	369464.18	0.6139	P	0.2
3	☐	2500.000	2509.702	1504514.53	2.4506	A	3.6
4	☐	6250.000	6398.677	3638642.62	6.0927	A	0.8
5	☐	12500.000	12637.808	6449464.83	11.9356	A	0.5
6	☐	25000.000	24688.094	12478435.23	23.2208	A	0.9
7	☐	50000.000	49273.034	25257168.51	46.2446	A	0.2
8	☐	250000.00	250165.78	132410834.6	234.3812	A	0.5

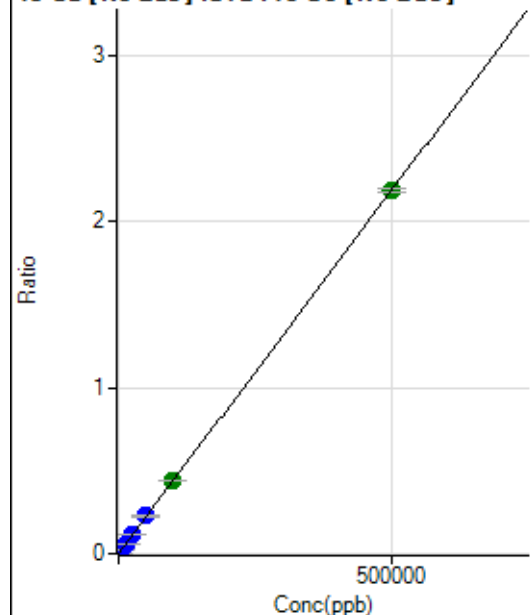
$$y = 9.3650\text{E-}004 * x + 0.1003$$

$$R = 1.0000$$

$$DL = 3.748$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.12	0.0001	P	13.5
2	☐	500.000	556.202	13368.17	0.0025	P	1.3
3	☐	5000.000	5295.340	122490.29	0.0232	P	3.6
4	☐	12500.000	13258.433	310756.03	0.0581	P	0.6
5	☐	25000.000	27089.859	586342.20	0.1186	P	1.0
6	☐	50000.000	51767.206	1070982.92	0.2265	P	2.0
7	☐	100000.00	100772.75	2100552.49	0.4409	A	0.8
8	☐	500000.00	499542.26	10586890.33	2.1851	A	1.0

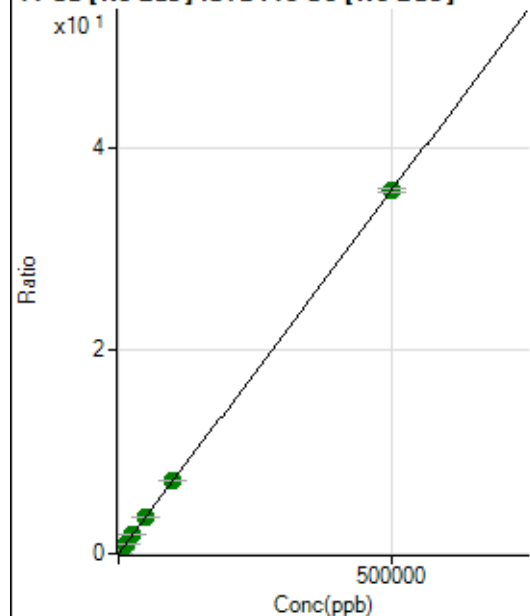
$$y = 4.3741\text{E-}006 * x + 6.0113\text{E-}005$$

$$R = 1.0000$$

$$DL = 5.553$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8395.78	0.0015	P	1.6
2	☐	500.000	557.419	221848.05	0.0414	P	1.2
3	☐	5000.000	5098.602	1930680.42	0.3660	A	3.3
4	☐	12500.000	12720.938	4876036.67	0.9109	A	0.3
5	☐	25000.000	26158.118	9256320.77	1.8715	A	0.6
6	☐	50000.000	49808.514	16843872.25	3.5622	A	1.9
7	☐	100000.00	100995.88	34405748.37	7.2215	A	1.0
8	☐	500000.00	499755.49	173101988.5	35.7279	A	0.9

$$y = 7.1488\text{E-}005 * x + 0.0015$$

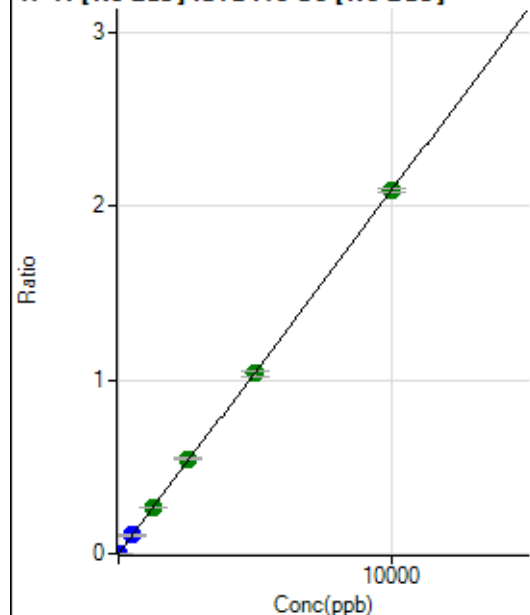
$$R = 1.0000$$

$$DL = 1.011$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0000	P	28.3
2	☐	5.000	5.298	5992.35	0.0011	P	3.5
3	☐	500.000	506.618	557789.08	0.1057	P	3.0
4	☐	1250.000	1279.848	1429800.76	0.2671	A	0.7
5	☐	2500.000	2609.987	2693846.80	0.5447	A	2.1
6	☐	5000.000	4955.762	4889919.89	1.0343	A	3.0
7	☐	10000.000	9990.560	9933784.44	2.0850	A	1.1
8	☐			2676.94	0.0006	P	19.1

$$y = 2.0869E-004 * x + 1.1891E-005$$

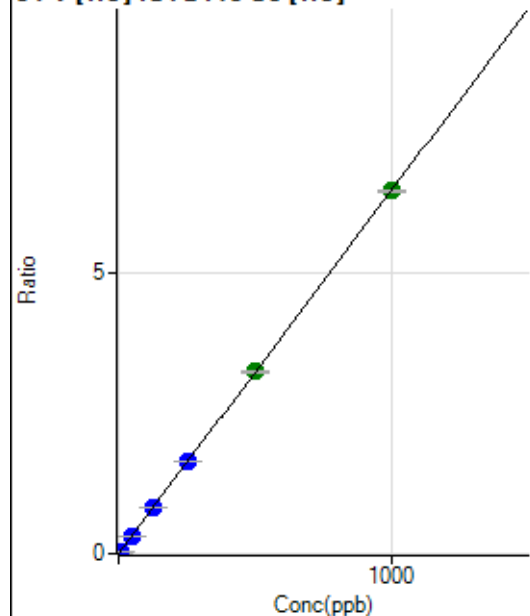
$$R = 0.9999$$

$$DL = 0.04843$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.9
2	☐	5.000	5.133	19935.45	0.0331	P	1.2
3	☐	50.000	49.098	194483.39	0.3167	P	2.4
4	☐	125.000	127.029	489403.64	0.8195	P	1.0
5	☐	250.000	252.060	878639.76	1.6261	P	0.2
6	☐	500.000	501.238	1737684.99	3.2335	A	0.4
7	☐	1000.000	998.657	3518599.60	6.4424	A	0.4
8	☐			868.92	0.0015	P	2.8

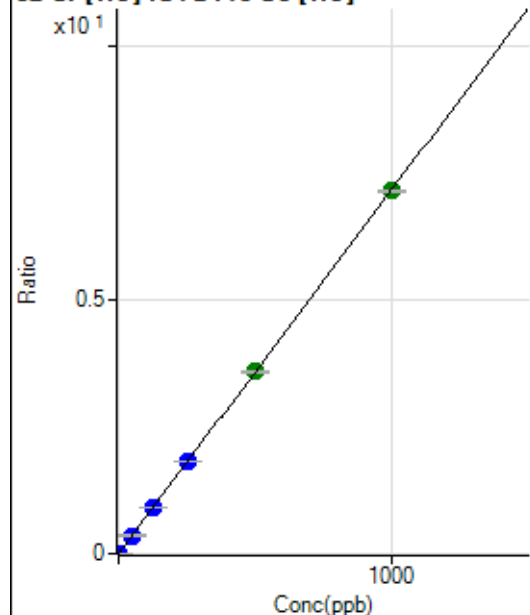
$$y = 0.0065 * x + 1.4470E-005$$

$$R = 1.0000$$

$$DL = 0.001473$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	684.47	0.0011	P	2.9
2	☐	2.000	2.108	9749.91	0.0162	P	1.4
3	☐	50.000	50.039	220611.48	0.3593	P	2.7
4	☐	125.000	128.505	550033.02	0.9210	P	0.9
5	☐	250.000	255.521	988965.48	1.8302	P	0.6
6	☐	500.000	501.018	1927929.17	3.5876	A	0.9
7	☐	1000.000	997.671	3901137.44	7.1428	A	0.3
8	☐			8508.46	0.0151	P	2.3

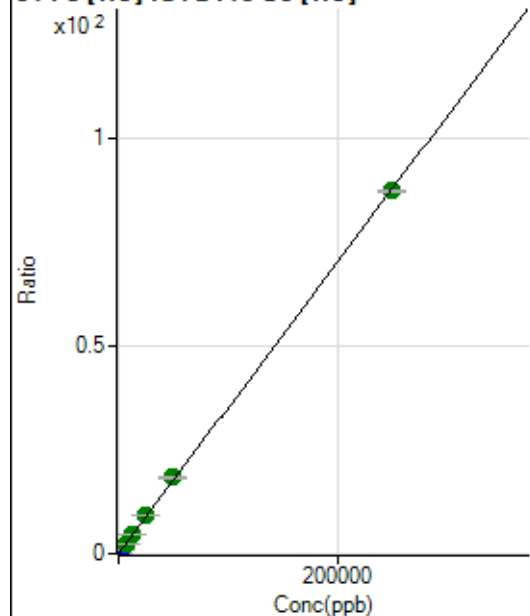
$$y = 0.0072 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.01336$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2939.21	0.0048	P	2.2
2	☐	50.000	58.680	15236.68	0.0253	P	3.3
3	☐	2500.000	2673.475	577416.64	0.9404	P	2.3
4	☐	6250.000	6743.581	1412233.38	2.3648	A	1.5
5	☐	12500.000	13497.410	2554992.90	4.7284	A	0.3
6	☐	25000.000	26389.863	4965634.62	9.2404	A	0.7
7	☐	50000.000	52266.691	9992968.18	18.2964	A	0.3
8	☐	250000.00	249343.72	49300660.38	87.2669	A	0.3

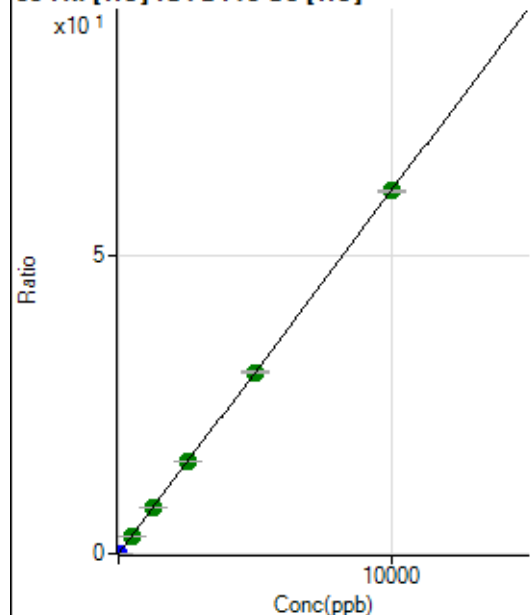
$$y = 3.4997E-004 * x + 0.0048$$

$$R = 0.9999$$

$$DL = 0.9151$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD : ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	897.81	0.0015	P	8.4
2	☐	1.000	1.170	5155.37	0.0086	P	1.0
3	☐	500.000	492.240	1836637.11	2.9918	A	3.4
4	☐	1250.000	1271.868	4615401.25	7.7280	A	0.9
5	☐	2500.000	2554.934	8387249.32	15.5225	A	1.0
6	☐	5000.000	4989.360	16289082.95	30.3115	A	0.7
7	☐	10000.000	9989.241	33143984.78	60.6854	A	0.4
8	☐			18269.00	0.0323	P	2.5

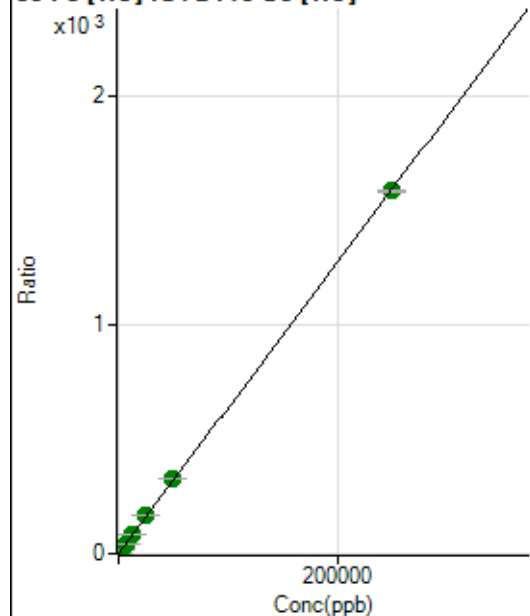
$$y = 0.0061 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.06065$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD : ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24660.31	0.0401	P	1.8
2	☐	50.000	57.914	245904.86	0.4086	P	0.1
3	☐	2500.000	2568.079	10057606.24	16.3800	A	2.1
4	☐	6250.000	6636.242	25243352.12	42.2643	A	0.5
5	☐	12500.000	13318.314	45809981.54	84.7802	A	0.5
6	☐	25000.000	26103.055	89273905.34	166.1253	A	0.5
7	☐	50000.000	52019.461	180792459.5	331.0228	A	0.3
8	☐	250000.00	249434.54	896635017.7	1,587.110	A	0.3

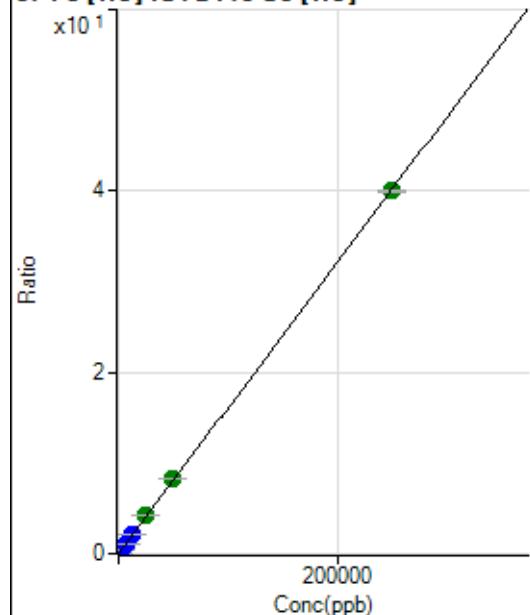
$$y = 0.0064 * x + 0.0401$$

$$R = 1.0000$$

$$DL = 0.3354$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1480.09	0.0024	P	0.3
2	☐	50.000	62.449	7477.49	0.0124	P	2.3
3	☐	2500.000	2666.855	264147.52	0.4302	P	2.2
4	☐	6250.000	6831.195	655871.71	1.0982	P	0.7
5	☐	12500.000	13706.477	1189330.60	2.2010	P	0.2
6	☐	25000.000	25965.735	2239576.69	4.1675	A	0.7
7	☐	50000.000	51747.213	4534882.19	8.3031	A	0.1
8	☐	250000.00	249477.45	22609666.05	40.0208	A	0.4

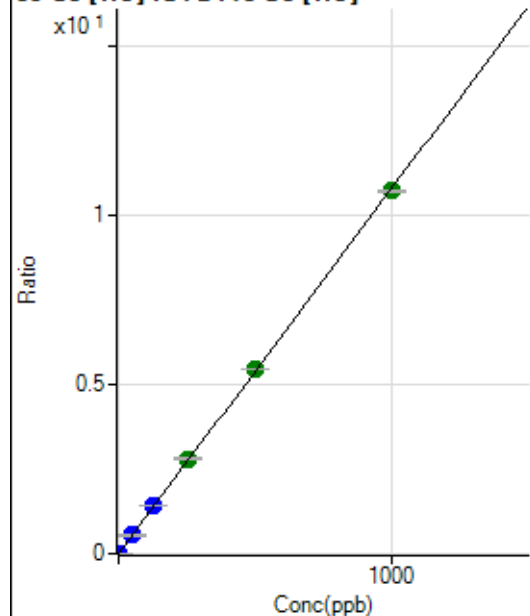
$$y = 1.6041\text{E-}004 * x + 0.0024$$

$$R = 1.0000$$

$$DL = 0.1552$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	268.89	0.0004	P	14.9
2	☐	1.000	1.110	7470.82	0.0124	P	1.1
3	☐	50.000	50.195	332605.81	0.5418	P	3.1
4	☐	125.000	130.065	837995.89	1.4031	P	0.5
5	☐	250.000	259.955	1515077.13	2.8039	A	0.8
6	☐	500.000	505.670	2930884.89	5.4539	A	0.5
7	☐	1000.000	994.033	5855242.14	10.7207	A	0.3
8	☐			17345.67	0.0307	P	0.3

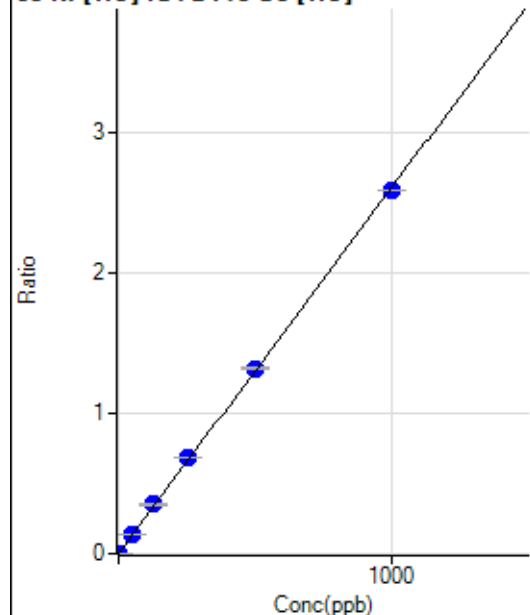
$$y = 0.0108 * x + 4.3745\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.01808$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	332.23	0.0005	P	9.8
2	☐	1.000	1.144	2122.40	0.0035	P	3.3
3	☐	50.000	52.132	83896.12	0.1367	P	3.6
4	☐	125.000	133.869	209083.01	0.3501	P	0.9
5	☐	250.000	263.785	372472.21	0.6893	P	0.2
6	☐	500.000	507.150	711913.33	1.3248	P	0.7
7	☐	1000.000	991.764	1414655.54	2.5902	P	0.2
8	☐			7868.81	0.0139	P	1.9

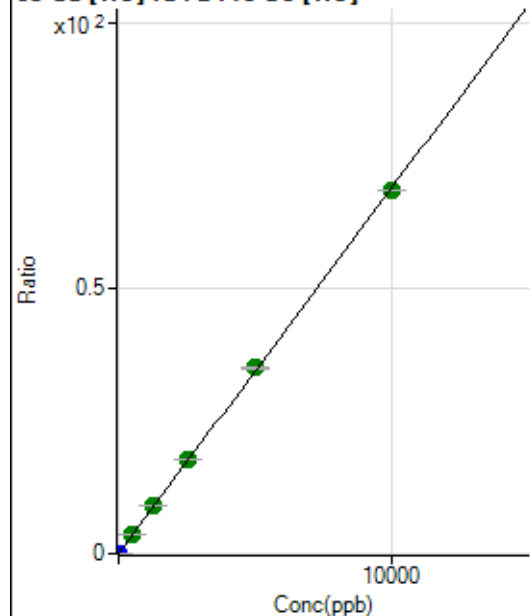
$$y = 0.0026 * x + 5.4042E-004$$

$$R = 0.9998$$

$$DL = 0.06057$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1827.91	0.0030	P	2.0
2	☐	2.000	2.239	11051.92	0.0184	P	1.5
3	☐	500.000	513.796	2170063.07	3.5349	A	3.5
4	☐	1250.000	1311.951	5388093.18	9.0216	A	0.5
5	☐	2500.000	2596.596	9646628.95	17.8526	A	0.2
6	☐	5000.000	5079.702	18766693.33	34.9220	A	0.5
7	☐	10000.000	9927.566	37274477.50	68.2473	A	0.1
8	☐			12012.69	0.0213	P	5.9

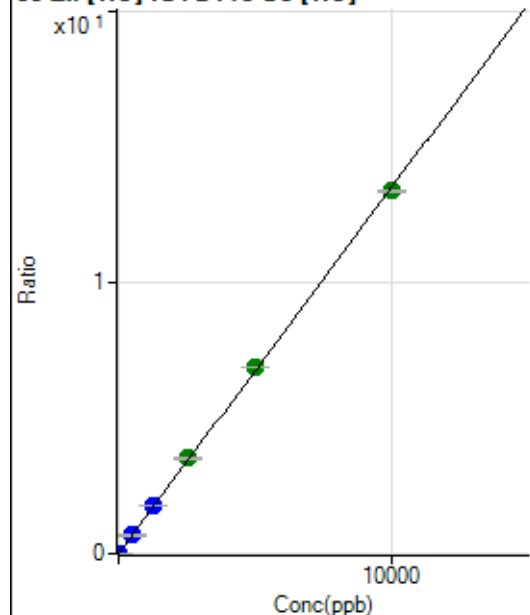
$$y = 0.0069 * x + 0.0030$$

$$R = 0.9999$$

$$DL = 0.02633$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480.01	0.0008	P	13.6
2	☐	5.000	6.268	5561.09	0.0092	P	0.6
3	☐	500.000	502.556	416909.68	0.6791	P	2.7
4	☐	1250.000	1294.500	1043864.32	1.7479	P	1.0
5	☐	2500.000	2612.501	1905681.69	3.5268	A	1.1
6	☐	5000.000	5112.237	3708316.47	6.9005	A	0.3
7	☐	10000.000	9910.066	7305540.80	13.3760	A	0.3
8	☐			11238.75	0.0199	P	2.3

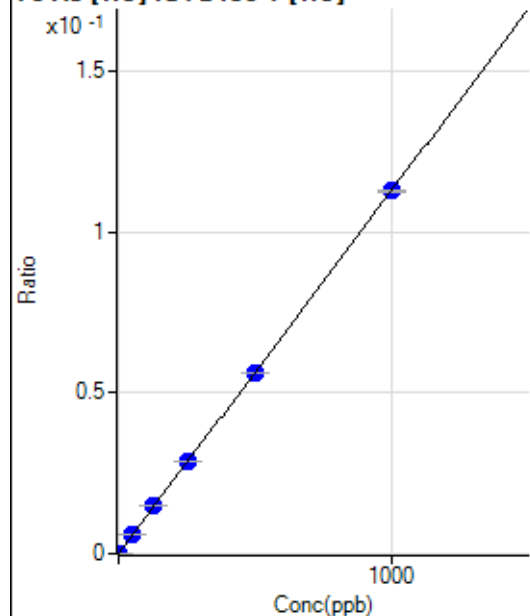
$$y = 0.0013 * x + 7.8082E-004$$

$$R = 0.9998$$

$$DL = 0.2369$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	83.2
2	☐	1.000	1.170	696.69	0.0001	P	5.7
3	☐	50.000	50.957	30099.41	0.0058	P	2.3
4	☐	125.000	132.155	76697.83	0.0149	P	1.3
5	☐	250.000	254.195	138048.25	0.0287	P	0.8
6	☐	500.000	497.608	269249.63	0.0562	P	0.8
7	☐	1000.000	999.205	546363.59	0.1128	P	0.7
8	☐			358.90	0.0001	P	8.3

$$y = 1.1288E-004 * x + 2.3381E-006$$

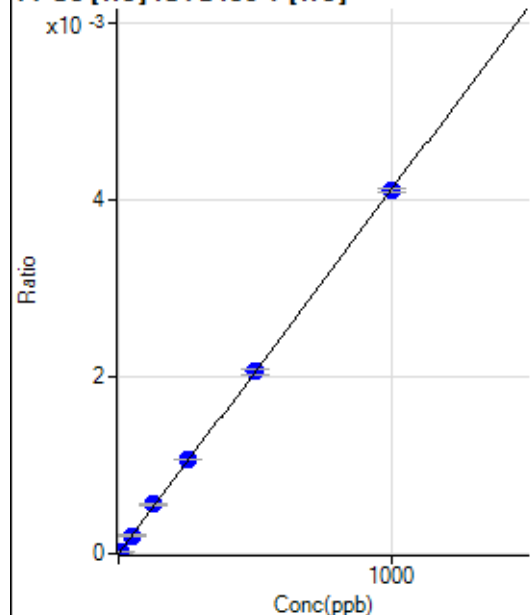
$$R = 1.0000$$

$$DL = 0.05169$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.953	106.67	0.0000	P	5.4
3	☐	50.000	49.772	1071.16	0.0002	P	3.3
4	☐	125.000	136.142	2878.09	0.0006	P	2.7
5	☐	250.000	259.013	5122.05	0.0011	P	1.2
6	☐	500.000	499.760	9846.68	0.0021	P	3.2
7	☐	1000.000	996.486	19838.96	0.0041	P	1.2
8	☐			4.44	0.0000	P	44.0

$$y = 4.1101\text{E-}006 * x + 2.1256\text{E-}007$$

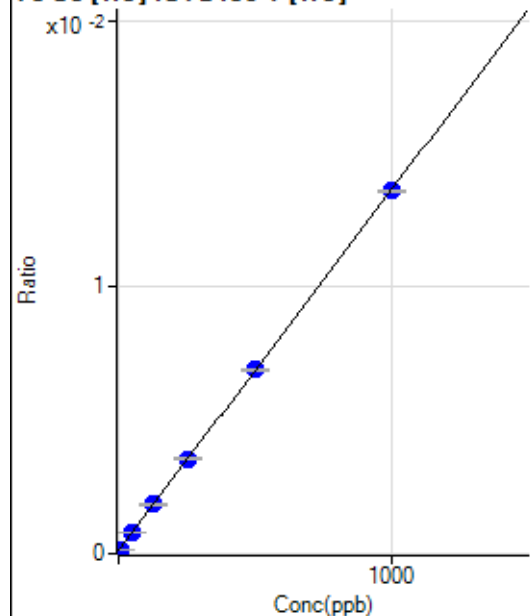
$$R = 0.9999$$

$$DL = 0.2687$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	612.24	0.0001	P	14.0
2	☐	5.000	3.989	886.70	0.0002	P	10.4
3	☐	50.000	50.809	4206.19	0.0008	P	0.8
4	☐	125.000	128.073	9503.12	0.0018	P	1.7
5	☐	250.000	255.184	17156.69	0.0036	P	1.4
6	☐	500.000	501.596	33058.01	0.0069	P	1.0
7	☐	1000.000	997.487	65875.61	0.0136	P	0.7
8	☐			458.90	0.0001	P	1.8

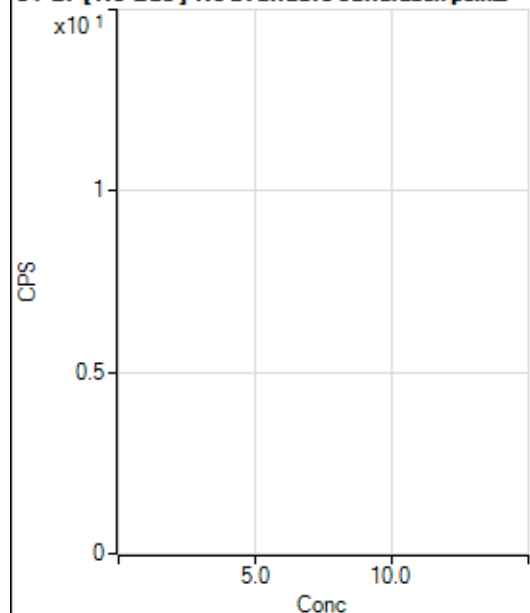
$$y = 1.3516\text{E-}005 * x + 1.1723\text{E-}004$$

$$R = 1.0000$$

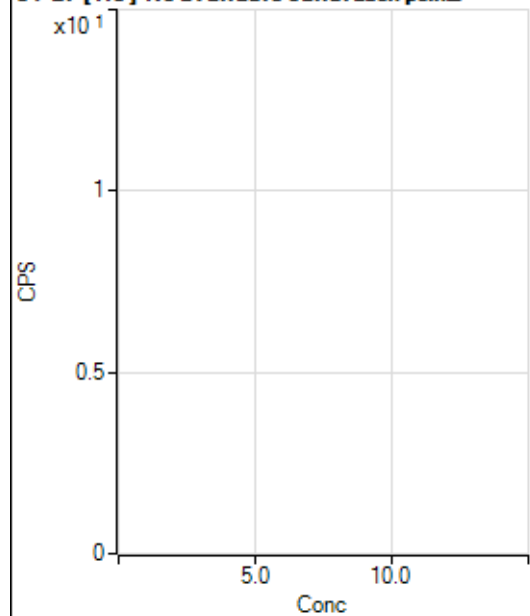
$$DL = 3.648$$

Weight: <None>

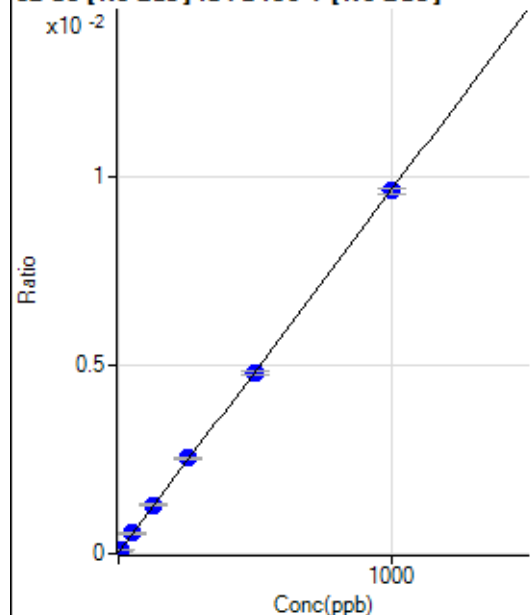
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13700.91		P	0.6
2	☐			13445.14		P	3.3
3	☐			13079.19		P	1.4
4	☐			12526.52		P	0.7
5	☐			11599.10		P	2.0
6	☐			10869.64		P	2.6
7	☐			11195.45		P	3.1
8	☐			12209.58		P	1.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			154.44		P	17.4
2	☐			146.67		P	17.2
3	☐			138.89		P	21.8
4	☐			131.12		P	5.3
5	☐			106.67		P	17.4
6	☐			133.34		P	10.0
7	☐			80.00		P	19.1
8	☐			138.89		P	36.1

82 Se [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	521.04	0.0000	P	8.3
2	☐	5.000	4.927	1247.11	0.0001	P	0.4
3	☐	50.000	53.193	8265.71	0.0005	P	4.7
4	☐	125.000	131.869	20292.44	0.0013	P	0.8
5	☐	250.000	261.591	37852.00	0.0026	P	1.8
6	☐	500.000	497.095	69897.16	0.0048	P	2.4
7	☐	1000.000	997.537	139522.87	0.0096	P	1.3
8	☐			542.61	0.0000	P	8.8

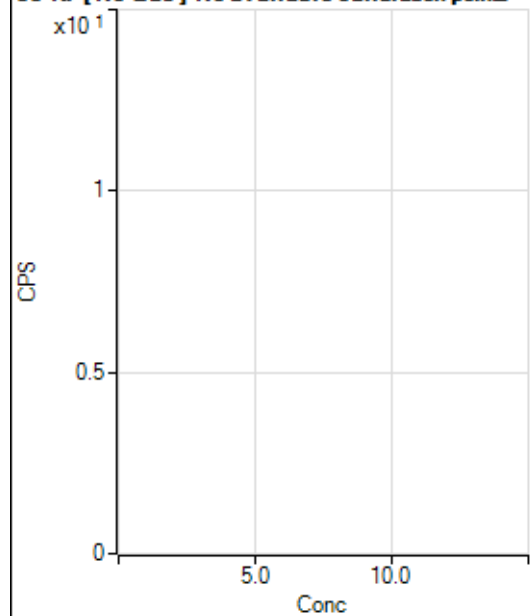
$$y = 9.6359\text{E-}006 * x + 3.2932\text{E-}005$$

$$R = 0.9999$$

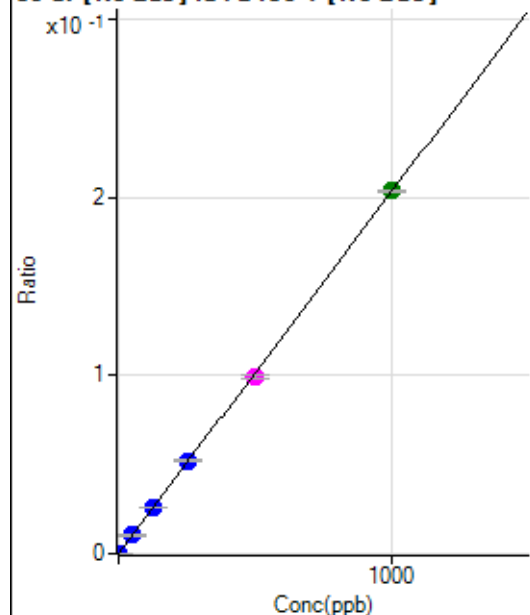
$$DL = 0.8504$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			185.56		P	3.7
2	☐			156.67		P	9.8
3	☐			184.45		P	15.0
4	☐			190.00		P	12.6
5	☐			161.11		P	7.3
6	☐			162.23		P	15.6
7	☐			137.78		P	10.1
8	☐			183.34		P	8.3

86 Sr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	280.00	0.0000	P	11.2
2	☐	1.000	1.003	3430.44	0.0002	P	3.3
3	☐	50.000	51.112	157536.41	0.0104	P	3.4
4	☐	125.000	127.139	402082.20	0.0258	P	0.3
5	☐	250.000	256.692	772787.24	0.0521	P	1.8
6	☐	500.000	490.449	1443343.69	0.0996	M	2.3
7	☐	1000.000	1002.779	2945293.01	0.2036	A	0.5
8	☐			8620.38	0.0006	P	4.9

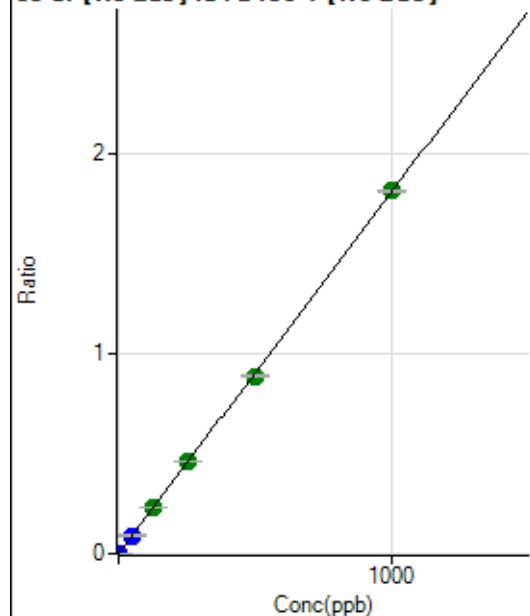
$$y = 2.0303\text{E-}004 * x + 1.7671\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02934$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	176.67	0.0000	P	6.4
2	☐	1.000	1.002	28307.31	0.0018	P	0.9
3	☐	50.000	50.472	1385328.00	0.0914	P	2.9
4	☐	125.000	127.251	3586740.95	0.2304	A	0.4
5	☐	250.000	254.816	6840017.26	0.4614	A	0.8
6	☐	500.000	490.239	12865463.14	0.8877	A	1.3
7	☐	1000.000	1003.372	26280351.55	1.8168	A	0.8
8	☐			75456.54	0.0053	P	0.7

$$y = 0.0018 * x + 1.1167\text{E-}005$$

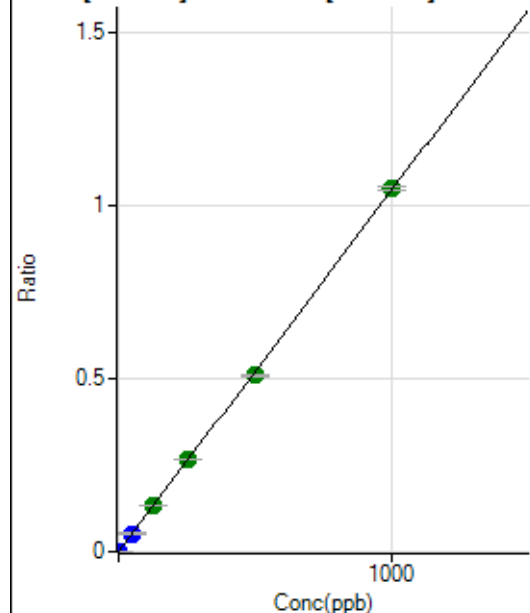
$$R = 0.9999$$

$$DL = 0.001192$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	621.13	0.0000	P	0.6
2	☐	1.000	1.000	16797.48	0.0011	P	0.6
3	☐	50.000	50.317	796507.34	0.0525	P	2.8
4	☐	125.000	126.534	2056132.32	0.1321	A	0.4
5	☐	250.000	255.294	3950176.75	0.2665	A	1.8
6	☐	500.000	487.401	7372935.45	0.5087	A	1.5
7	☐	1000.000	1004.768	15168452.27	1.0486	A	0.9
8	☐			11501.26	0.0008	P	7.5

$$y = 0.0010 * x + 3.9235E-005$$

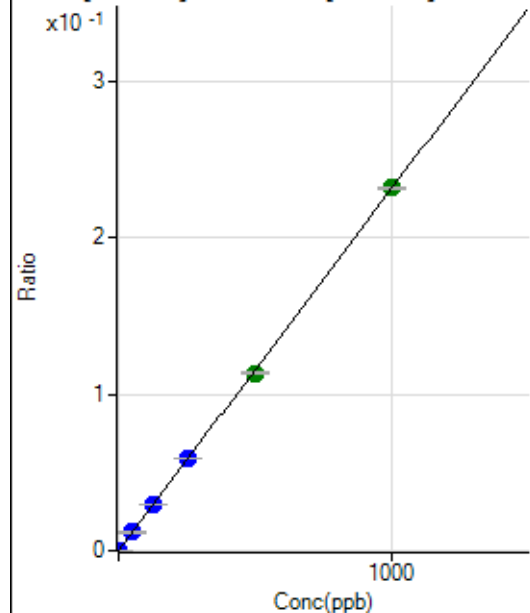
$$R = 0.9999$$

$$DL = 0.0006371$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	18.0
2	☐	1.000	1.029	3771.63	0.0002	P	1.1
3	☐	50.000	50.842	178279.39	0.0118	P	3.0
4	☐	125.000	127.433	458795.55	0.0295	P	0.6
5	☐	250.000	255.855	877112.26	0.0592	P	1.3
6	☐	500.000	490.238	1643189.25	0.1134	A	1.1
7	☐	1000.000	1003.071	3355490.82	0.2320	A	0.6
8	☐			2588.03	0.0002	P	4.1

$$y = 2.3125E-004 * x + 5.1313E-006$$

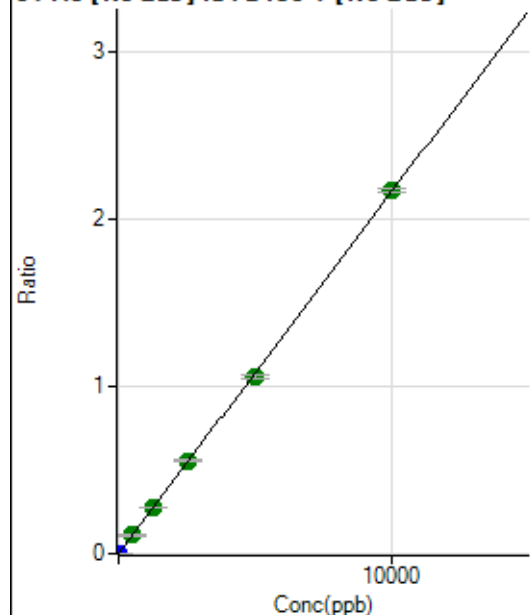
$$R = 0.9999$$

$$DL = 0.01195$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	226.67	0.0000	P	6.1
2	☐	5.000	6.041	20464.40	0.0013	P	1.8
3	☐	500.000	506.197	1658191.89	0.1094	A	2.6
4	☐	1250.000	1259.760	4237421.95	0.2722	A	0.9
5	☐	2500.000	2564.452	8214742.65	0.5541	A	1.9
6	☐	5000.000	4901.171	15349097.97	1.0591	A	1.6
7	☐	10000.000	10031.771	31357137.03	2.1677	A	1.2
8	☐			12194.15	0.0009	P	14.9

$$y = 2.1608\text{E-}004 * x + 1.4316\text{E-}005$$

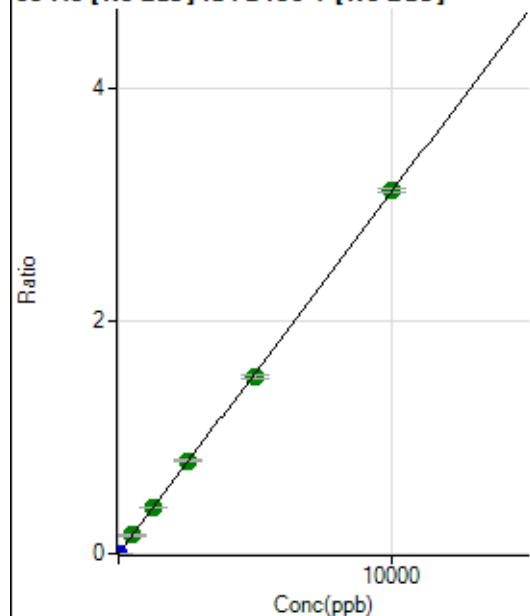
$$R = 0.9999$$

$$DL = 0.01222$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0000	P	28.5
2	☐	5.000	5.210	25166.12	0.0016	P	0.1
3	☐	500.000	509.558	2400200.75	0.1584	A	3.0
4	☐	1250.000	1262.366	6106624.35	0.3923	A	0.5
5	☐	2500.000	2569.149	11835049.41	0.7984	A	1.5
6	☐	5000.000	4895.528	22049647.45	1.5214	A	1.6
7	☐	10000.000	10032.925	45102355.99	3.1179	A	1.2
8	☐			13614.41	0.0010	P	19.1

$$y = 3.1076\text{E-}004 * x + 3.7139\text{E-}006$$

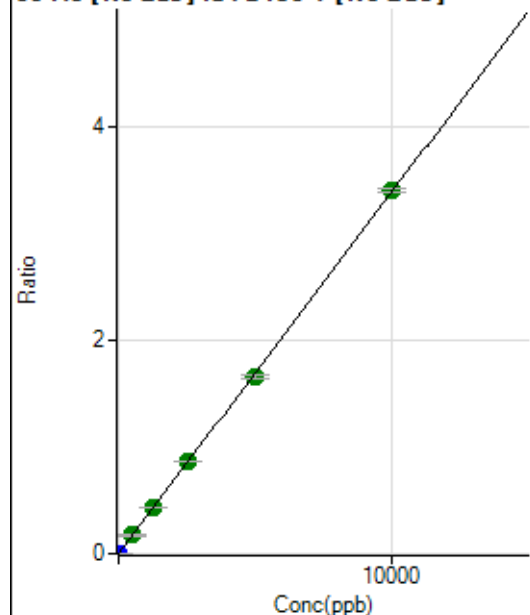
$$R = 0.9999$$

$$DL = 0.01022$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	143.34	0.0000	P	23.8
2	☐	5.000	5.179	27316.68	0.0018	P	1.7
3	☐	500.000	505.631	2592762.23	0.1711	A	3.7
4	☐	1250.000	1258.222	6626869.97	0.4257	A	0.7
5	☐	2500.000	2558.723	12833193.70	0.8657	A	1.3
6	☐	5000.000	4893.326	23995946.86	1.6556	A	1.4
7	☐	10000.000	10037.347	49126980.38	3.3961	A	1.1
8	☐			23145.25	0.0016	P	12.0

$$y = 3.3834\text{E-}004 * x + 9.0765\text{E-}006$$

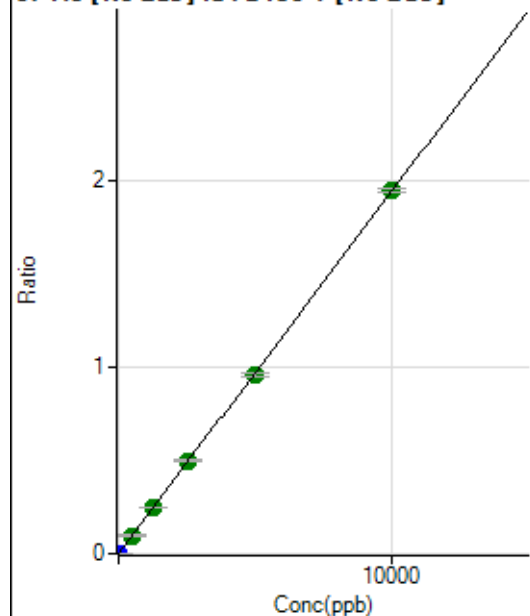
$$R = 0.9999$$

$$DL = 0.01912$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	51.2
2	☐	5.000	5.170	15624.00	0.0010	P	1.5
3	☐	500.000	504.159	1485451.75	0.0980	A	3.2
4	☐	1250.000	1268.376	3838154.04	0.2466	A	0.2
5	☐	2500.000	2575.610	7422162.81	0.5007	A	1.7
6	☐	5000.000	4917.586	13854452.15	0.9560	A	2.0
7	☐	10000.000	10019.799	28176202.91	1.9478	A	0.9
8	☐			8520.41	0.0006	P	17.4

$$y = 1.9439\text{E-}004 * x + 2.3888\text{E-}006$$

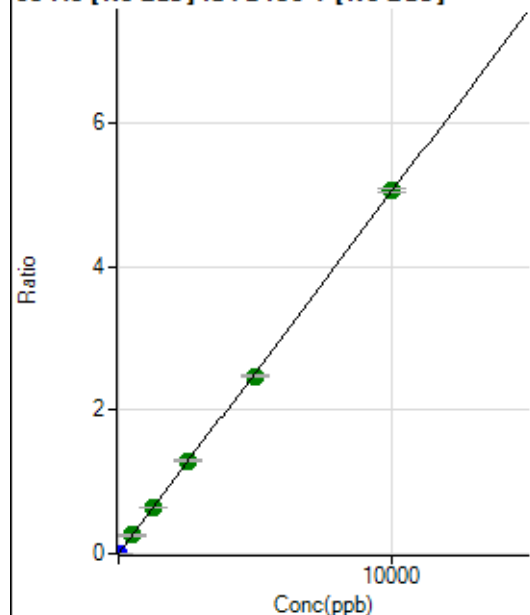
$$R = 0.9999$$

$$DL = 0.01888$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.67	0.0000	P	9.8
2	☐	5.000	5.140	40250.82	0.0026	P	1.0
3	☐	500.000	506.515	3868054.07	0.2552	A	3.2
4	☐	1250.000	1259.007	9874346.80	0.6343	A	0.5
5	☐	2500.000	2570.734	19199699.43	1.2952	A	1.3
6	☐	5000.000	4911.539	35865994.74	2.4746	A	1.7
7	☐	10000.000	10025.095	73066957.25	5.0511	A	1.0
8	☐			20806.45	0.0015	P	18.0

$$y = 5.0384\text{E-}004 * x + 5.4735\text{E-}006$$

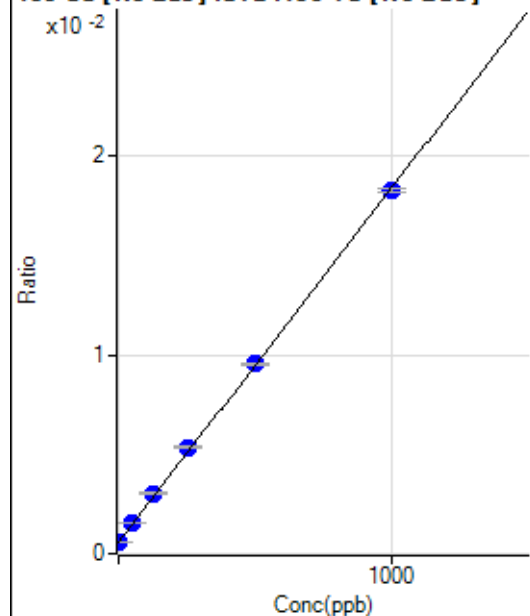
$$R = 0.9999$$

$$DL = 0.003179$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8007.83	0.0006	P	1.7
2	☐	1.000	0.885	8166.81	0.0006	P	0.4
3	☐	50.000	55.095	21314.59	0.0016	P	2.1
4	☐	125.000	138.628	42896.45	0.0030	P	1.2
5	☐	250.000	267.830	74198.13	0.0053	P	1.6
6	☐	500.000	502.802	133621.32	0.0095	P	1.6
7	☐	1000.000	992.183	257458.27	0.0182	P	1.1
8	☐			7240.75	0.0005	P	1.9

$$y = 1.7805\text{E-}005 * x + 5.7326\text{E-}004$$

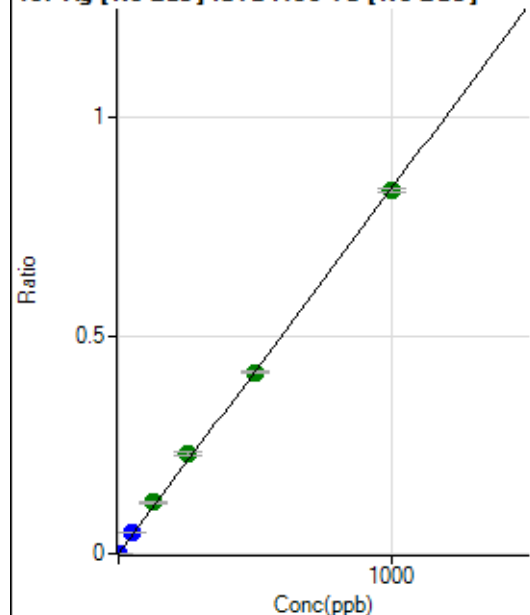
$$R = 0.9998$$

$$DL = 1.646$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	9.2
2	☐	1.000	1.091	12747.90	0.0009	P	1.3
3	☐	50.000	56.092	643943.13	0.0470	P	1.9
4	☐	125.000	139.654	1648680.32	0.1169	A	0.2
5	☐	250.000	273.783	3182765.13	0.2292	A	3.3
6	☐	500.000	497.220	5838292.83	0.4162	A	0.9
7	☐	1000.000	993.308	11736123.02	0.8314	A	0.9
8	☐			3143.71	0.0002	P	20.8

$$y = 8.3702\text{E-}004 * x + 5.8040\text{E-}006$$

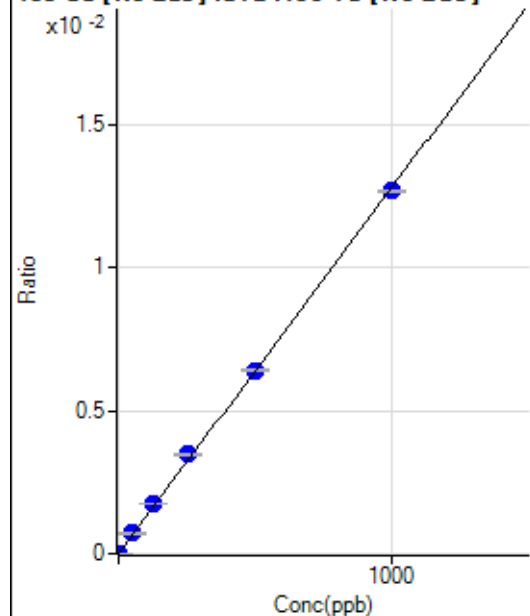
$$R = 0.9996$$

$$DL = 0.001918$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	105.
2	☐	1.000	1.170	220.00	0.0000	P	8.6
3	☐	50.000	55.455	9742.22	0.0007	P	4.4
4	☐	125.000	136.941	24733.34	0.0018	P	0.9
5	☐	250.000	272.277	48419.38	0.0035	P	2.5
6	☐	500.000	501.269	90022.48	0.0064	P	1.3
7	☐	1000.000	992.031	179256.95	0.0127	P	0.6
8	☐			98.89	0.0000	P	7.9

$$y = 1.2800\text{E-}005 * x + 8.8827\text{E-}007$$

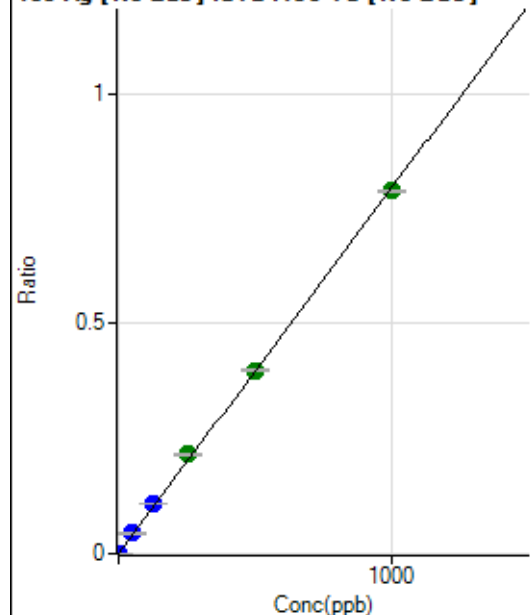
$$R = 0.9997$$

$$DL = 0.2193$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	32.3
2	☐	1.000	1.084	11975.03	0.0009	P	2.5
3	☐	50.000	55.514	605408.89	0.0441	P	2.2
4	☐	125.000	137.287	1539757.06	0.1092	P	0.6
5	☐	250.000	271.602	2999876.83	0.2160	A	2.7
6	☐	500.000	500.565	5584200.20	0.3981	A	0.9
7	☐	1000.000	992.505	11140803.45	0.7893	A	0.8
8	☐			2957.01	0.0002	P	23.5

$$y = 7.9523\text{E-}004 * x + 1.9964\text{E-}006$$

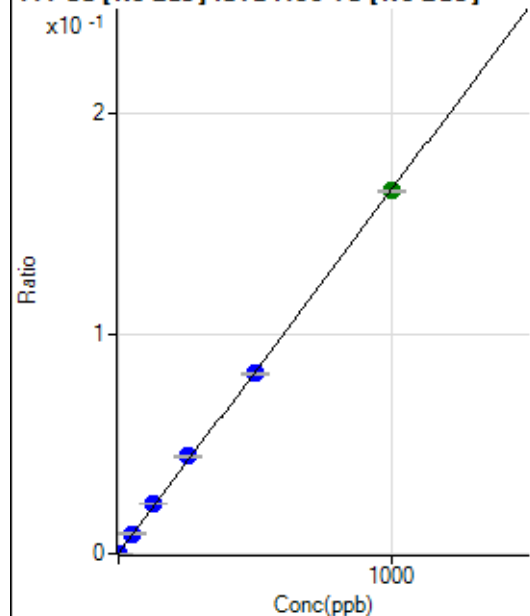
$$R = 0.9997$$

$$DL = 0.002429$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1605.23	0.0001	P	1.7
2	☐	1.000	1.099	4111.84	0.0003	P	3.2
3	☐	50.000	54.581	125241.05	0.0091	P	2.6
4	☐	125.000	136.966	320810.58	0.0227	P	0.1
5	☐	250.000	267.268	615006.19	0.0443	P	1.8
6	☐	500.000	493.945	1146533.40	0.0817	P	1.9
7	☐	1000.000	996.985	2327074.75	0.1649	A	0.5
8	☐			2116.73	0.0002	P	7.3

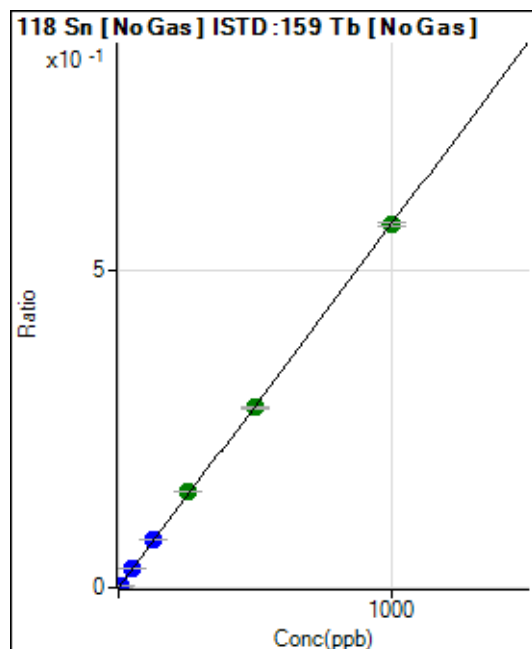
$$y = 1.6524\text{E-}004 * x + 1.1492\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.03445$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	732.25	0.0001	P	1.9
2	☐	5.000	5.393	43463.04	0.0031	P	0.9
3	☐	50.000	52.658	413458.40	0.0302	P	2.2
4	☐	125.000	131.440	1060290.65	0.0752	P	0.7
5	☐	250.000	264.749	2102777.10	0.1514	A	0.7
6	☐	500.000	495.887	3976875.78	0.2835	A	1.0
7	☐	1000.000	997.429	8047893.98	0.5702	A	1.2
8	☐			3868.34	0.0003	P	11.5

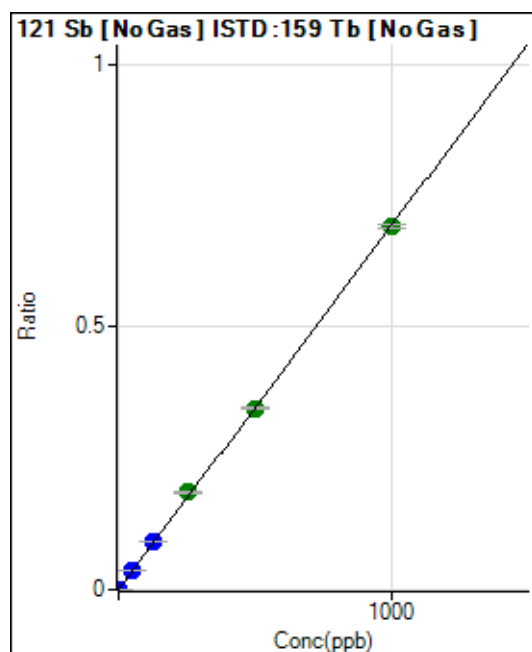
$$y = 5.7159\text{E-}004 * x + 5.2433\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.005123$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	45.3
2	☐	2.000	2.115	20344.48	0.0015	P	0.5
3	☐	50.000	52.483	498812.93	0.0364	P	2.6
4	☐	125.000	132.676	1296917.44	0.0920	P	0.9
5	☐	250.000	266.954	2570089.34	0.1850	A	1.6
6	☐	500.000	497.275	4835084.96	0.3447	A	1.0
7	☐	1000.000	996.040	9744533.75	0.6904	A	1.1
8	☐			8533.73	0.0006	P	7.8

$$y = 6.9312\text{E-}004 * x + 1.5861\text{E-}006$$

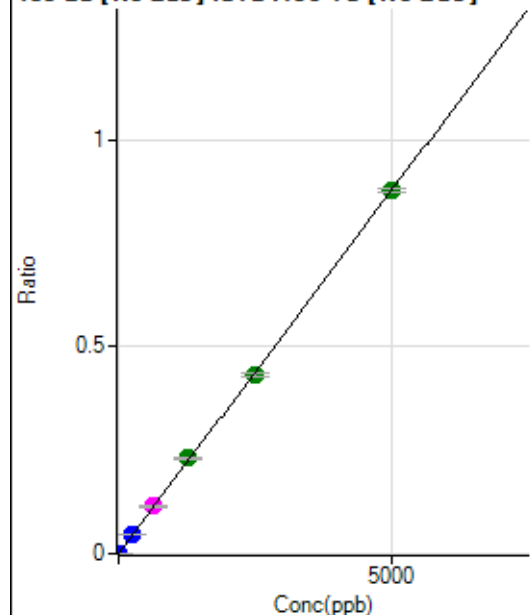
$$R = 0.9998$$

$$DL = 0.003108$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	24.3
2	☐	10.000	10.579	25756.70	0.0019	P	1.2
3	☐	250.000	256.435	616425.63	0.0450	P	2.8
4	☐	625.000	649.048	1604618.33	0.1138	M	1.4
5	☐	1250.000	1318.405	3210028.04	0.2311	A	2.8
6	☐	2500.000	2467.646	6068267.48	0.4326	A	1.8
7	☐	5000.000	4995.747	12361129.81	0.8758	A	1.2
8	☐			6610.49	0.0005	P	9.7

$$y = 1.7530E-004 * x + 3.1882E-006$$

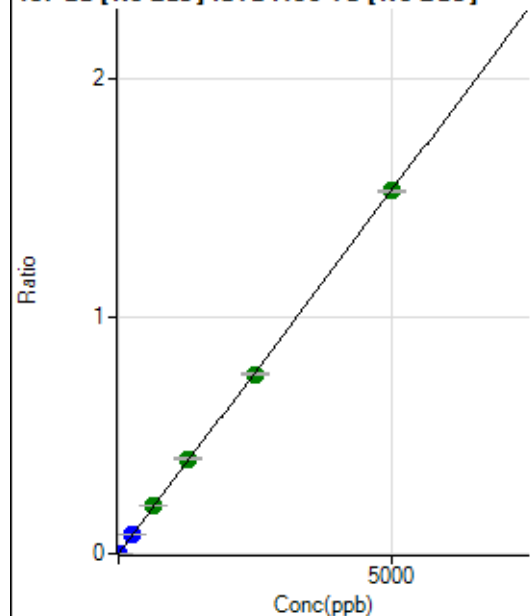
$$R = 0.9999$$

$$DL = 0.01323$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0000	P	13.1
2	☐	10.000	10.621	45158.04	0.0033	P	0.6
3	☐	250.000	256.310	1076061.56	0.0785	P	2.3
4	☐	625.000	657.231	2837671.07	0.2012	A	0.8
5	☐	1250.000	1305.470	5550918.04	0.3997	A	2.4
6	☐	2500.000	2473.690	10623117.76	0.7573	A	1.6
7	☐	5000.000	4994.942	21584770.93	1.5291	A	0.8
8	☐			11562.61	0.0009	P	11.3

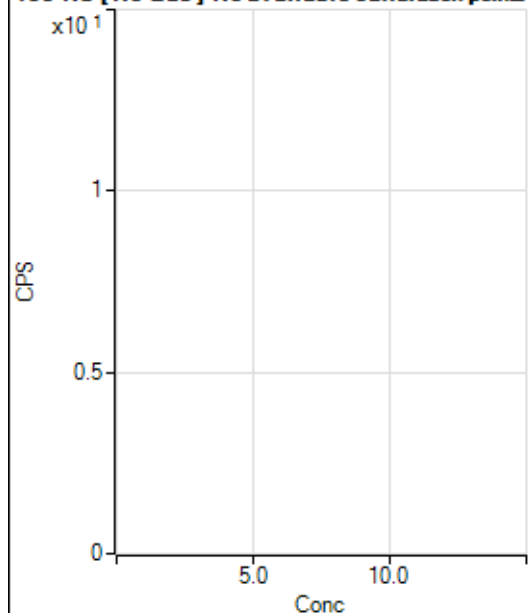
$$y = 3.0614E-004 * x + 5.4978E-006$$

$$R = 0.9999$$

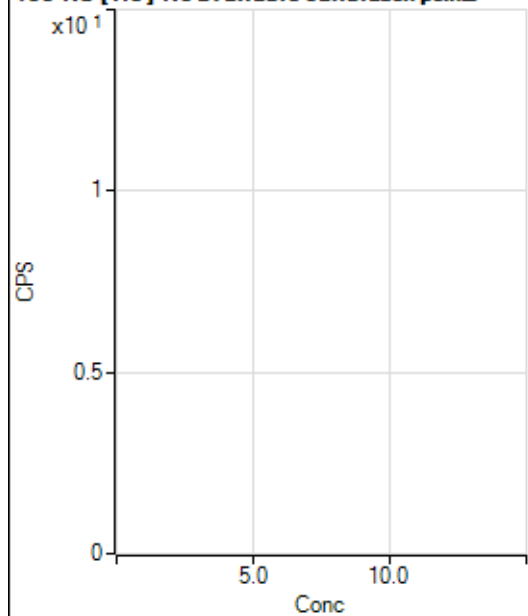
$$DL = 0.00708$$

Weight: <None>

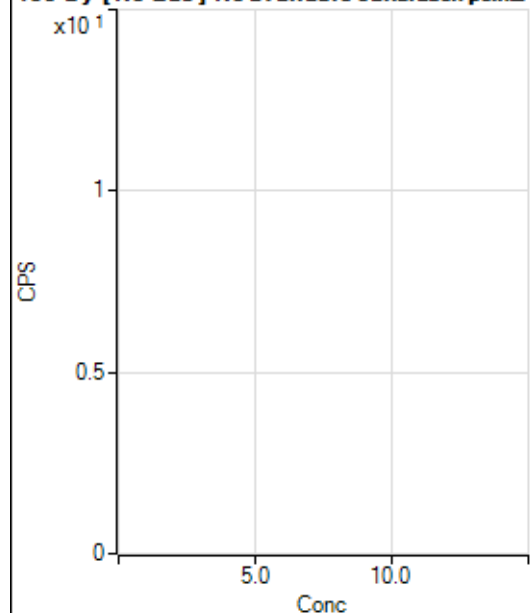
Min Conc: 0

150 Nd [No Gas] No available calibration points

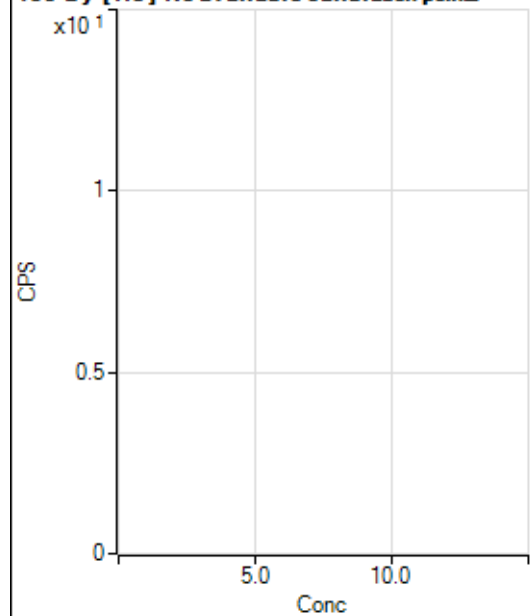
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			10.00		P	57.8
3	☐			42.22		P	24.1
4	☐			117.78		P	18.2
5	☐			216.67		P	6.7
6	☐			363.34		P	15.2
7	☐			826.70		P	11.1
8	☐			217.78		P	12.4

150 Nd [He] No available calibration points

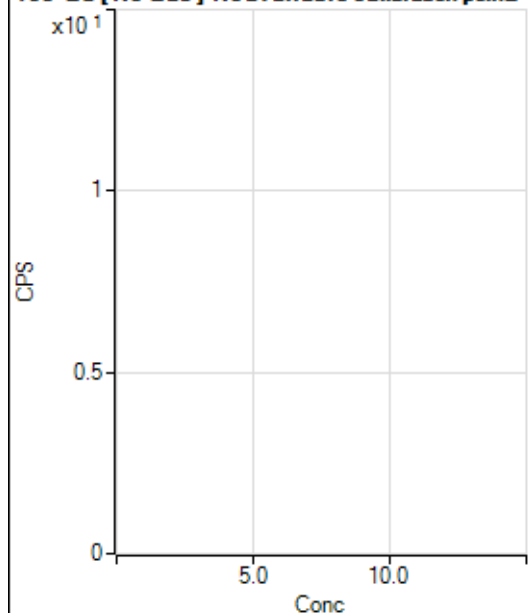
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			6.67		P	50.0
3	☐			7.78		P	107.
4	☐			27.78		P	13.9
5	☐			61.11		P	44.1
6	☐			96.67		P	11.9
7	☐			238.90		P	13.0
8	☐			137.78		P	16.1

156 Dy [No Gas] No available calibration points

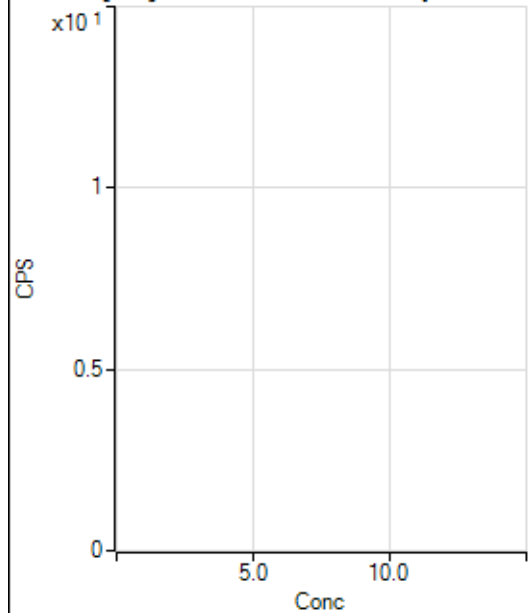
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	18.4
2	☐			67.78		P	28.0
3	☐			56.67		P	21.2
4	☐			106.67		P	6.2
5	☐			121.11		P	16.6
6	☐			153.34		P	5.7
7	☐			255.56		P	2.7
8	☐			433.35		P	6.8

156 Dy [He] No available calibration points

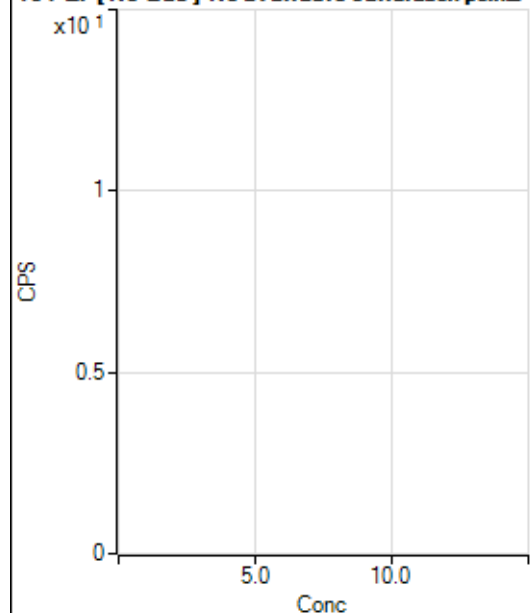
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			22.22		P	22.9
3	☐			61.11		P	3.1
4	☐			116.67		P	12.5
5	☐			236.67		P	13.9
6	☐			423.34		P	4.1
7	☐			826.70		P	1.2
8	☐			345.56		P	4.3

160 Gd [No Gas] No available calibration poin...

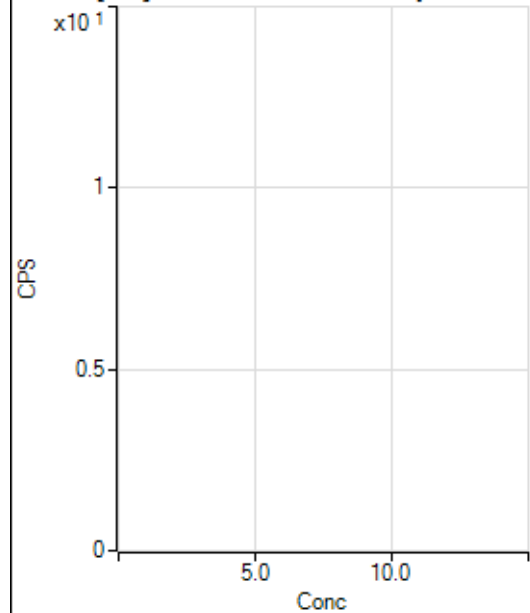
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	17.9
2	☐			53.33		P	32.5
3	☐			66.67		P	36.1
4	☐			75.55		P	5.1
5	☐			71.11		P	5.4
6	☐			83.33		P	26.2
7	☐			148.89		P	7.2
8	☐			406.68		P	10.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			637.80		P	6.1
2	☐			621.13		P	1.7
3	☐			638.91		P	12.1
4	☐			602.24		P	8.1
5	☐			658.91		P	5.8
6	☐			652.25		P	8.3
7	☐			657.80		P	16.4
8	☐			906.71		P	10.0

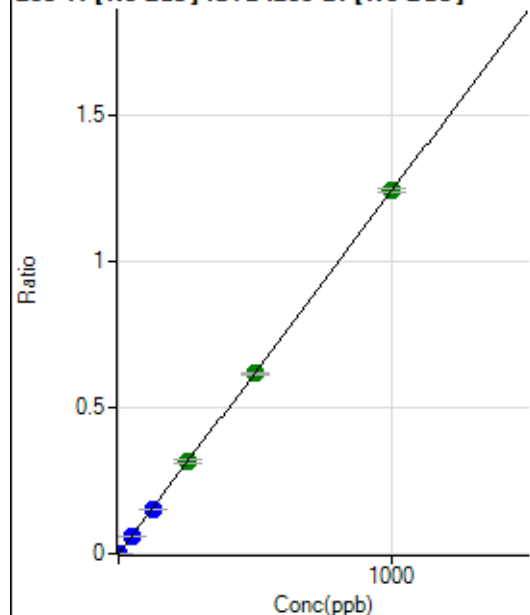
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	5.0
2	☐			66.67		P	10.0
3	☐			74.44		P	6.8
4	☐			86.67		P	23.1
5	☐			104.45		P	6.6
6	☐			145.56		P	9.3
7	☐			186.67		P	13.5
8	☐			453.35		P	8.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	41.6
2	☐			41.11		P	30.7
3	☐			77.78		P	42.3
4	☐			71.11		P	29.8
5	☐			82.22		P	20.4
6	☐			95.55		P	24.5
7	☐			131.11		P	20.4
8	☐			327.79		P	13.9

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.11	0.0000	P	0.6
2	☐	1.000	0.970	10610.87	0.0012	P	1.7
3	☐	50.000	48.048	519293.29	0.0597	P	2.3
4	☐	125.000	122.256	1340705.66	0.1519	P	0.8
5	☐	250.000	255.142	2804871.93	0.3170	A	3.2
6	☐	500.000	496.978	5493079.57	0.6175	A	0.7
7	☐	1000.000	1000.666	11021516.78	1.2434	A	0.9
8	☐			2469.14	0.0003	P	23.8

$$y = 0.0012 * x + 1.4729E-005$$

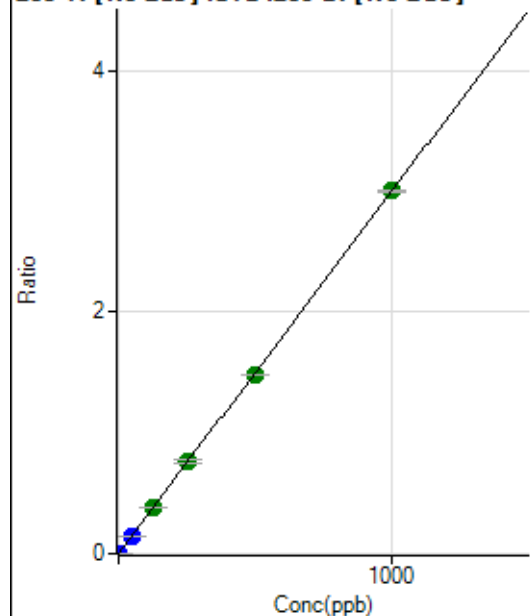
$$R = 1.0000$$

$$DL = 0.0001983$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	273.34	0.0000	P	3.4
2	☐	1.000	0.959	25285.76	0.0029	P	1.7
3	☐	50.000	47.434	1237020.01	0.1423	P	2.9
4	☐	125.000	126.242	3341093.08	0.3786	A	1.1
5	☐	250.000	254.038	6740014.97	0.7618	A	3.1
6	☐	500.000	494.317	13185842.72	1.4823	A	0.5
7	☐	1000.000	1001.805	26629899.88	3.0041	A	0.5
8	☐			5889.16	0.0008	P	20.0

$$y = 0.0030 * x + 3.0709E-005$$

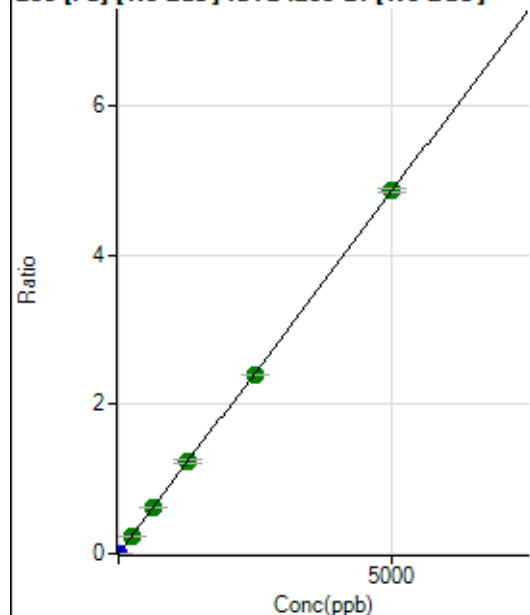
$$R = 1.0000$$

$$DL = 0.001038$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	590.02	0.0001	P	10.3
2	☐	1.000	0.986	8895.22	0.0010	P	4.1
3	☐	250.000	247.133	2084848.56	0.2397	A	1.9
4	☐	625.000	633.074	5418488.11	0.6140	A	1.1
5	☐	1250.000	1275.204	10942834.70	1.2367	A	2.5
6	☐	2500.000	2468.531	21294803.57	2.3939	A	0.9
7	☐	5000.000	5008.568	43055516.58	4.8571	A	1.1
8	☐			17630.49	0.0023	P	9.5

$$y = 9.6974\text{E-}004 * x + 6.6326\text{E-}005$$

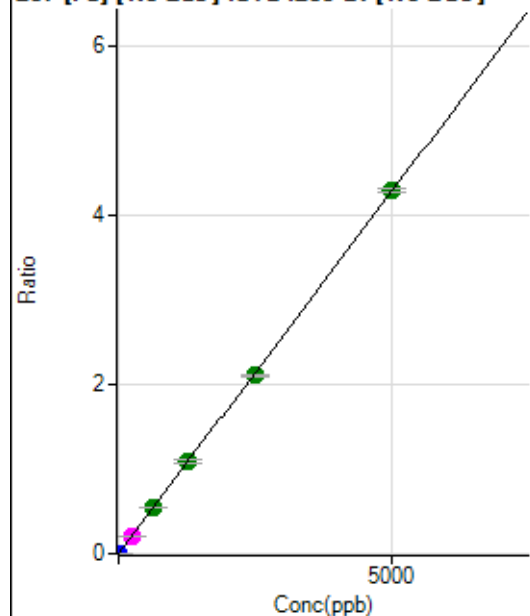
$$R = 1.0000$$

$$DL = 0.02112$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	496.68	0.0001	P	9.7
2	☐	1.000	0.977	7754.51	0.0009	P	1.8
3	☐	250.000	245.902	1830961.35	0.2104	M	0.7
4	☐	625.000	630.007	4756895.17	0.5390	A	0.6
5	☐	1250.000	1272.280	9631155.21	1.0885	A	2.6
6	☐	2500.000	2464.853	18757751.80	2.1087	A	0.9
7	☐	5000.000	5011.582	38004938.05	4.2874	A	1.0
8	☐			15104.11	0.0019	P	10.3

$$y = 8.5548\text{E-}004 * x + 5.5824\text{E-}005$$

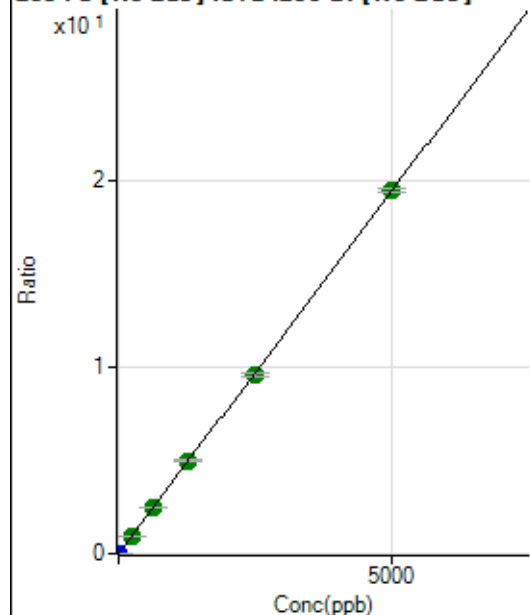
$$R = 1.0000$$

$$DL = 0.01904$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2355.66	0.0003	P	5.2
2	☐	1.000	0.983	35445.05	0.0041	P	0.2
3	☐	250.000	249.026	8396639.53	0.9655	A	1.8
4	☐	625.000	630.185	21558182.00	2.4428	A	0.2
5	☐	1250.000	1276.834	43795469.00	4.9492	A	2.2
6	☐	2500.000	2469.325	85140270.81	9.5712	A	1.1
7	☐	5000.000	5008.030	172068272.1	19.4110	A	0.9
8	☐			69287.55	0.0089	P	10.5

$$y = 0.0039 * x + 2.6473E-004$$

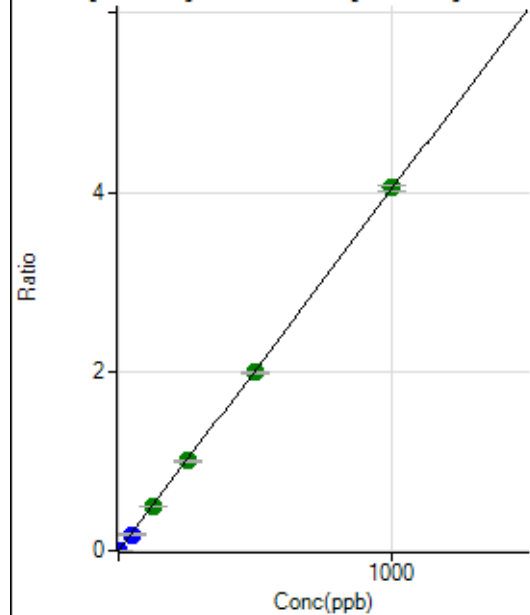
$$R = 1.0000$$

$$DL = 0.01071$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0000	P	26.1
2	☐	1.000	0.914	32080.84	0.0037	P	1.2
3	☐	50.000	44.920	1574370.36	0.1811	P	2.9
4	☐	125.000	122.189	4346631.67	0.4925	A	1.1
5	☐	250.000	249.051	8883235.42	1.0039	A	2.4
6	☐	500.000	492.547	17661099.04	1.9854	A	0.9
7	☐	1000.000	1004.569	35893106.96	4.0493	A	1.8
8	☐			7454.54	0.0010	P	28.9

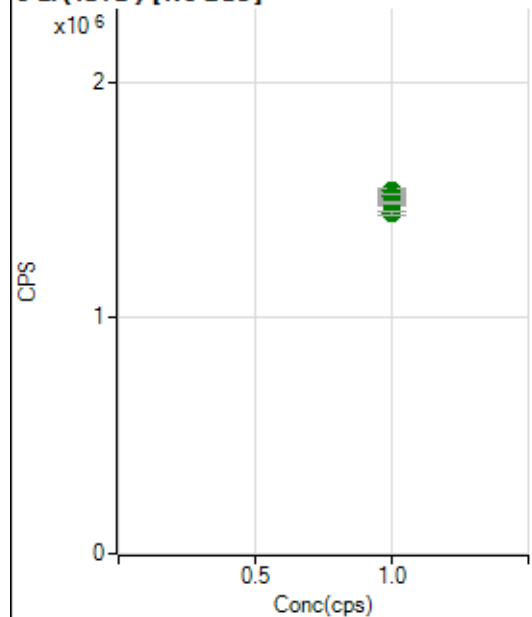
$$y = 0.0040 * x + 1.6208E-006$$

$$R = 1.0000$$

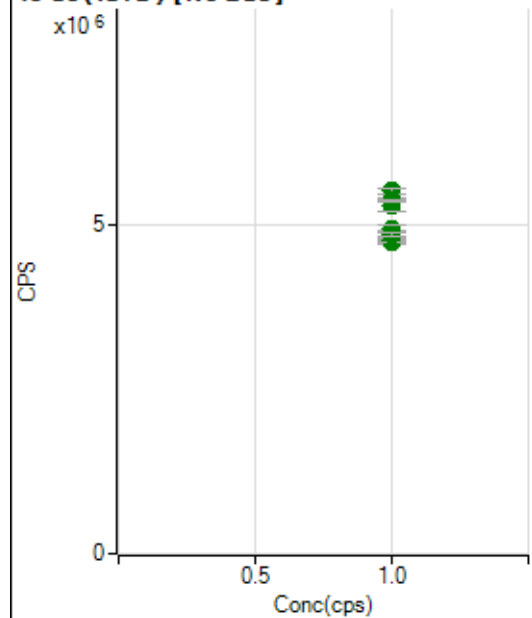
$$DL = 0.0003143$$

Weight: <None>

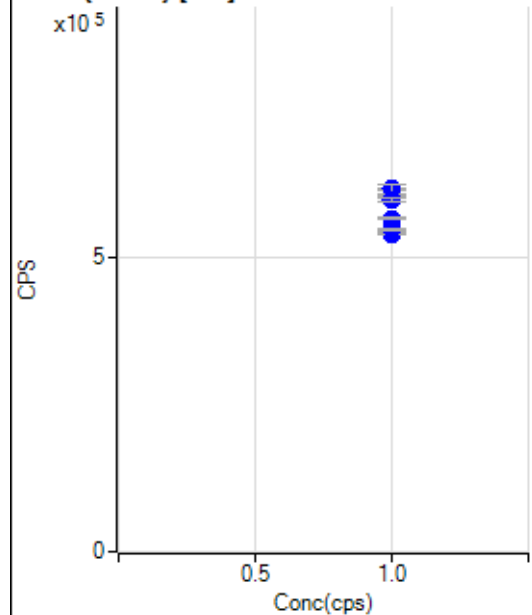
Min Conc: 0

6 Li (ISTD) [No Gas]

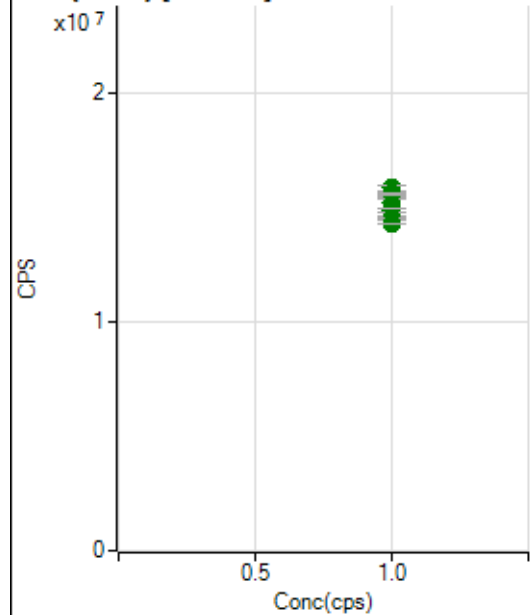
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1533391.21		A	2.0
2	☐	1.000		1530537.74		A	1.3
3	☐	1.000		1497191.83		A	2.6
4	☐	1.000		1537830.38		A	0.9
5	☐	1.000		1515070.31		A	1.4
6	☐	1.000		1513252.48		A	1.5
7	☐	1.000		1485221.05		A	0.3
8	☐	1.000		1439515.13		A	1.2

45 Sc (ISTD) [No Gas]

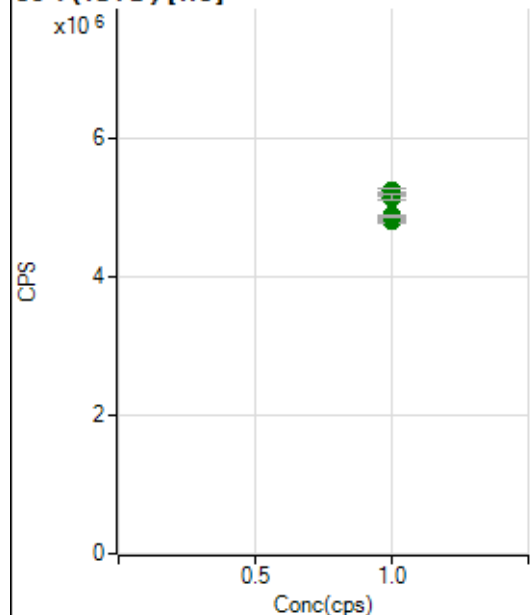
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5506343.53		A	1.9
2	☐	1.000		5362685.89		A	1.3
3	☐	1.000		5278499.16		A	3.2
4	☐	1.000		5352862.07		A	0.5
5	☐	1.000		4945774.13		A	1.6
6	☐	1.000		4729355.87		A	1.5
7	☐	1.000		4764460.97		A	1.2
8	☐	1.000		4845032.15		A	1.0

45 Sc (ISTD) [He]

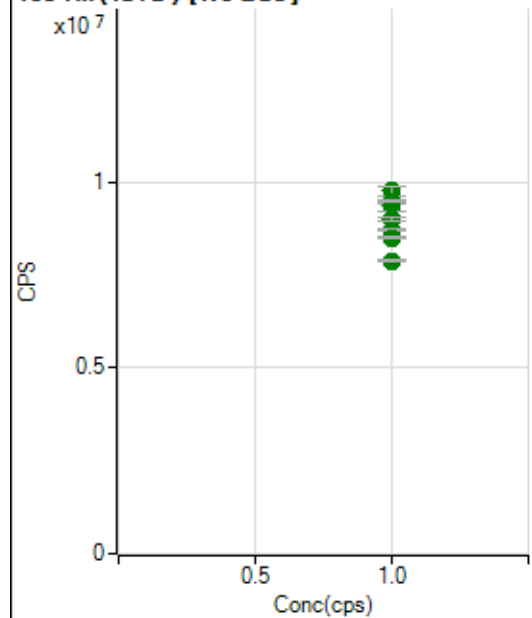
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		614651.74		P	0.5
2	☐	1.000		601810.48		P	0.2
3	☐	1.000		614234.51		P	2.5
4	☐	1.000		597252.90		P	1.1
5	☐	1.000		540345.83		P	0.5
6	☐	1.000		537396.20		P	0.5
7	☐	1.000		546167.13		P	0.4
8	☐	1.000		564946.52		P	0.5

89 Y (ISTD) [No Gas]

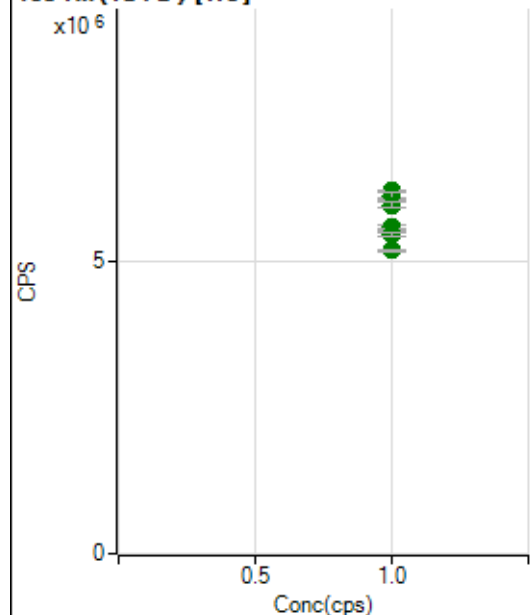
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15830953.52		A	1.6
2	☐	1.000		15509374.77		A	0.8
3	☐	1.000		15165929.63		A	3.0
4	☐	1.000		15566459.08		A	0.5
5	☐	1.000		14824147.42		A	1.2
6	☐	1.000		14494493.81		A	0.9
7	☐	1.000		14465351.17		A	0.5
8	☐	1.000		14258141.60		A	0.4

89 Y(ISTD) [He]

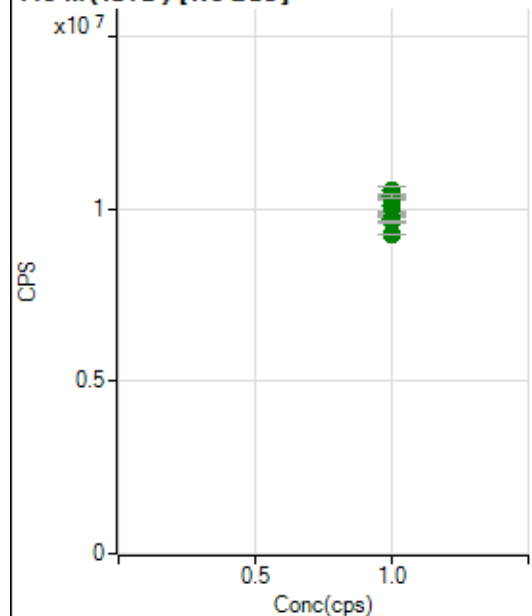
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5223019.47		A	0.2
2	☐	1.000		5183726.21		A	0.9
3	☐	1.000		5232235.62		A	1.9
4	☐	1.000		5141101.97		A	1.3
5	☐	1.000		4810845.07		A	1.0
6	☐	1.000		4793374.79		A	0.5
7	☐	1.000		4844193.54		A	1.3
8	☐	1.000		4869141.11		A	0.6

103 Rh(ISTD) [No Gas]

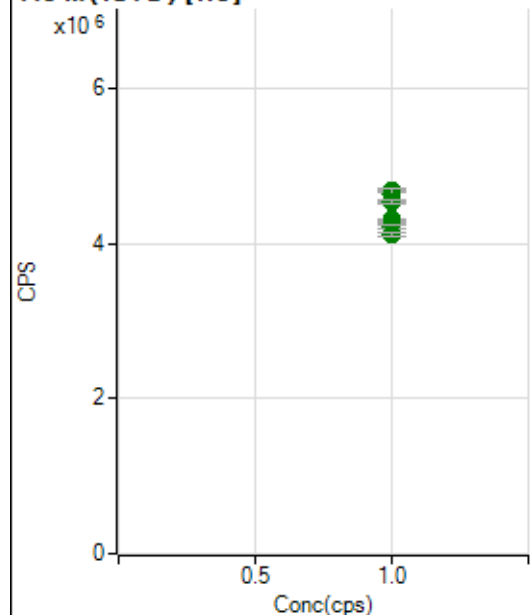
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9760751.18		A	2.6
2	☐	1.000		9457760.69		A	1.1
3	☐	1.000		9375778.89		A	3.3
4	☐	1.000		9485955.55		A	0.5
5	☐	1.000		8997221.95		A	0.9
6	☐	1.000		8697097.30		A	0.6
7	☐	1.000		8487475.50		A	0.6
8	☐	1.000		7883611.76		A	0.9

103 Rh (ISTD) [He]

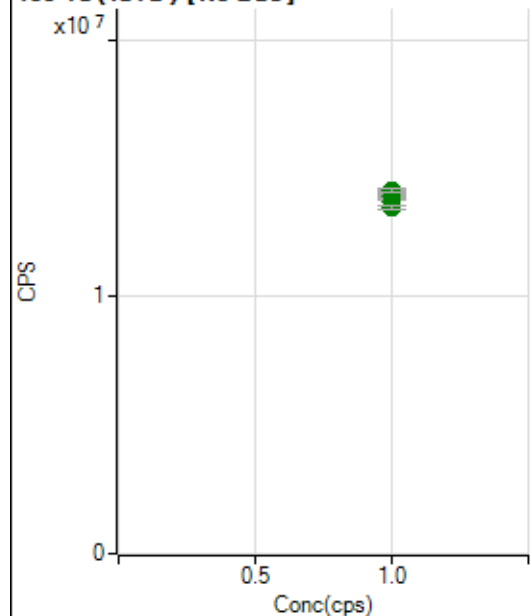
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6209812.96		A	0.5
2	☐	1.000		6059838.17		A	0.8
3	☐	1.000		6114309.49		A	2.3
4	☐	1.000		5964071.78		A	1.6
5	☐	1.000		5598925.33		A	1.5
6	☐	1.000		5546155.68		A	0.8
7	☐	1.000		5463507.07		A	0.8
8	☐	1.000		5185617.67		A	0.6

115 In (ISTD) [No Gas]

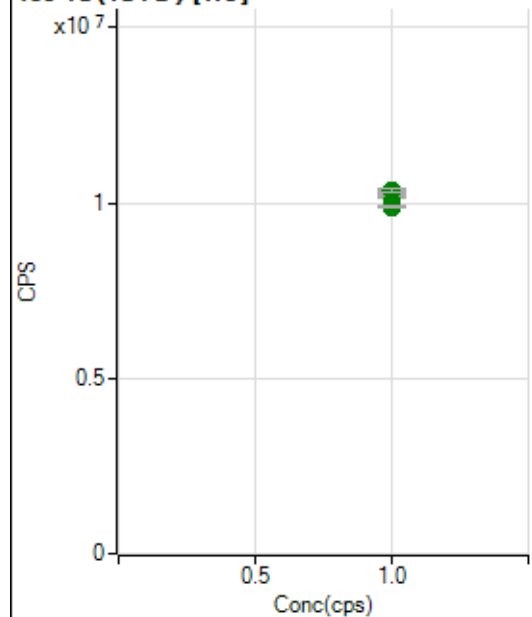
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10520635.00		A	2.2
2	☐	1.000		10338254.79		A	1.1
3	☐	1.000		10107939.33		A	3.2
4	☐	1.000		10383506.39		A	1.1
5	☐	1.000		9861403.70		A	0.5
6	☐	1.000		9677447.06		A	1.2
7	☐	1.000		9624832.88		A	0.8
8	☐	1.000		9257513.88		A	0.4

115 In (ISTD) [He]

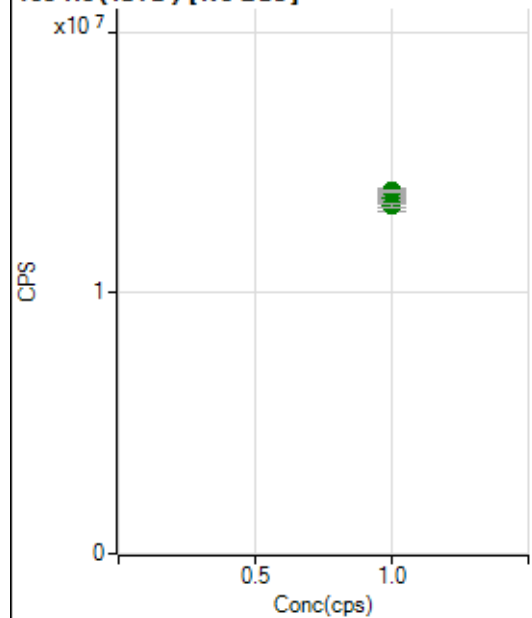
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4685128.79		A	0.3
2	☐	1.000		4562384.40		A	0.7
3	☐	1.000		4653244.93		A	3.1
4	☐	1.000		4548008.84		A	1.2
5	☐	1.000		4314549.14		A	0.9
6	☐	1.000		4266657.92		A	0.5
7	☐	1.000		4221629.34		A	1.1
8	☐	1.000		4125501.18		A	0.9

159 Tb (ISTD) [No Gas]

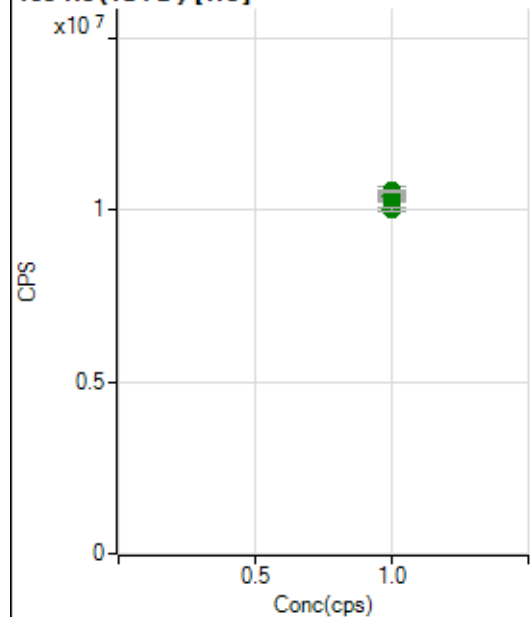
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13968648.12		A	2.5
2	☐	1.000		13865249.38		A	0.6
3	☐	1.000		13718688.82		A	2.9
4	☐	1.000		14103410.48		A	0.7
5	☐	1.000		13891387.29		A	1.0
6	☐	1.000		14028321.46		A	0.4
7	☐	1.000		14115640.76		A	1.2
8	☐	1.000		13452543.55		A	0.9

159 Tb (ISTD) [He]

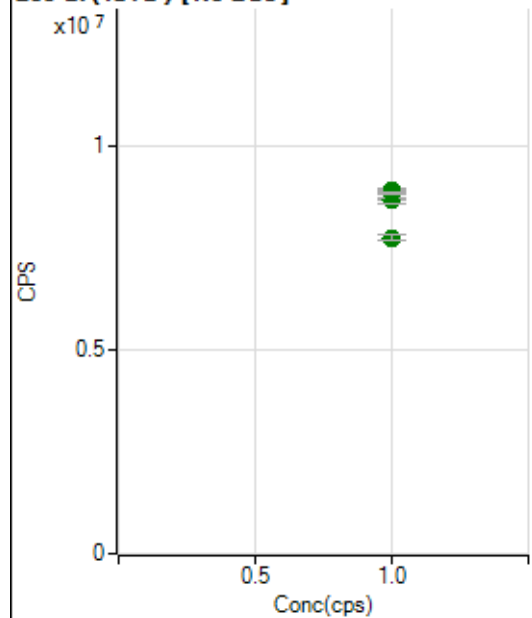
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10282209.92		A	0.8
2	☐	1.000		10154902.00		A	0.3
3	☐	1.000		10289507.90		A	2.4
4	☐	1.000		10315025.75		A	1.0
5	☐	1.000		10169385.13		A	0.9
6	☐	1.000		10203027.28		A	0.1
7	☐	1.000		10344374.22		A	1.0
8	☐	1.000		9889682.91		A	0.3

165 Ho (ISTD) [No Gas]

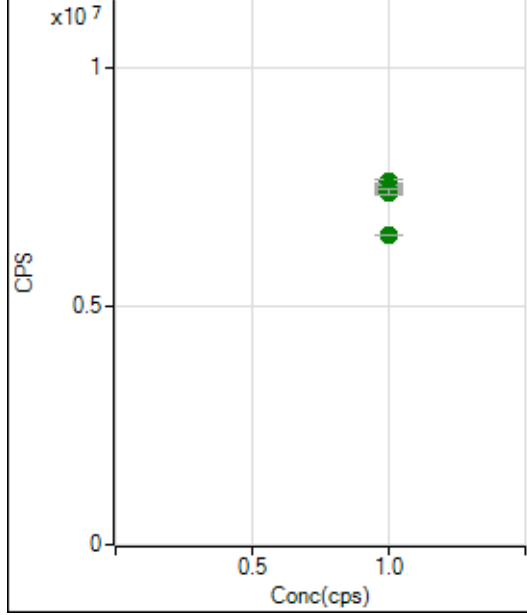
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13739332.85		A	1.3
2	☐	1.000		13534799.66		A	0.4
3	☐	1.000		13353262.86		A	3.1
4	☐	1.000		13840265.07		A	0.9
5	☐	1.000		13667370.21		A	1.0
6	☐	1.000		13905244.79		A	1.1
7	☐	1.000		13916008.96		A	0.5
8	☐	1.000		13341545.22		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10417795.82		A	0.5
2	☐	1.000		10257304.43		A	0.5
3	☐	1.000		10552425.33		A	2.3
4	☐	1.000		10366548.04		A	1.0
5	☐	1.000		10404610.89		A	1.2
6	☐	1.000		10450412.69		A	0.3
7	☐	1.000		10548993.73		A	0.5
8	☐	1.000		10020446.80		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8901548.97		A	1.1
2	☐	1.000		8701337.51		A	0.7
3	☐	1.000		8700185.91		A	3.1
4	☐	1.000		8825120.43		A	0.2
5	☐	1.000		8852973.69		A	3.0
6	☐	1.000		8895444.10		A	0.1
7	☐	1.000		8864614.52		A	0.6
8	☐	1.000		7760767.04		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7528276.00		A	0.7
2	☐	1.000		7432471.48		A	1.0
3	☐	1.000		7596539.54		A	1.9
4	☐	1.000		7432103.85		A	1.1
5	☐	1.000		7486776.90		A	1.3
6	☐	1.000		7398152.53		A	0.9
7	☐	1.000		7385089.61		A	1.5
8	☐	1.000		6482369.07		A	0.3