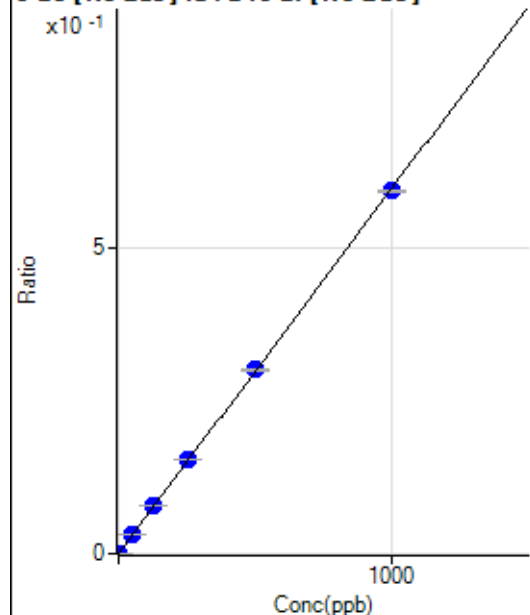


Batch Folder: D:\ICP-MS Data\P7122719 MS.b\
Analysis File: P7122719 MS.batch.bin
DA Date-Time: 2019-12-27 14:44:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2019-12-27 12:22:44
2	005CALS.d	S02	2019-12-27 12:26:22
3	006CALS.d	S03	2019-12-27 12:31:08
4	007CALS.d	S04	2019-12-27 12:34:57
5	008CALS.d	S05	2019-12-27 12:38:45
6	009CALS.d	S06	2019-12-27 12:42:34
7	010CALS.d	S07	2019-12-27 12:46:23
8	011CALS.d	S08	2019-12-27 12:50:13

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.93	0.0000	P	40.2
2	☐	1.000	1.005	3328.24	0.0006	P	4.3
3	☐	50.000	53.487	172741.42	0.0319	P	0.5
4	☐	125.000	132.008	403330.68	0.0788	P	0.2
5	☐	250.000	258.908	719661.41	0.1545	P	0.4
6	☐	500.000	504.010	1350333.09	0.3008	P	0.5
7	☐	1000.000	994.717	2607033.62	0.5936	P	0.5
8	☐			448.17	0.0001	P	6.6

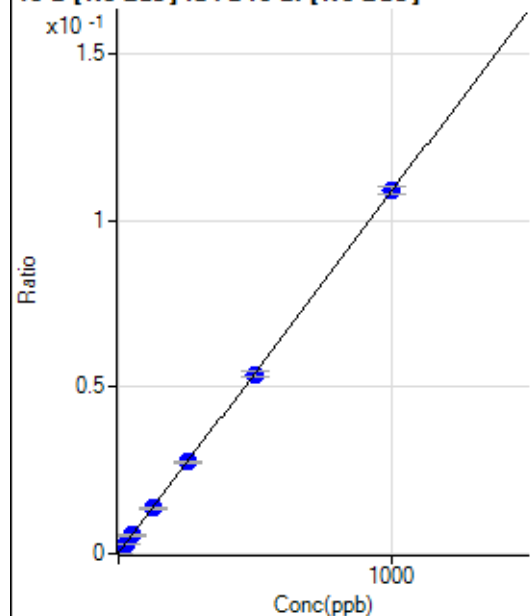
$$y = 5.9673\text{E-}004 * x + 1.4238\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0288$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	519.48	0.0001	P	12.9
2	☐	25.000	23.871	14557.50	0.0027	P	1.6
3	☐	50.000	49.956	29841.39	0.0055	P	5.2
4	☐	125.000	125.125	69990.28	0.0137	P	2.0
5	☐	250.000	251.817	127688.34	0.0274	P	1.3
6	☐	500.000	495.915	241944.25	0.0539	P	2.7
7	☐	1000.000	1001.603	477598.90	0.1088	P	2.3
8	☐			12097.01	0.0029	P	8.8

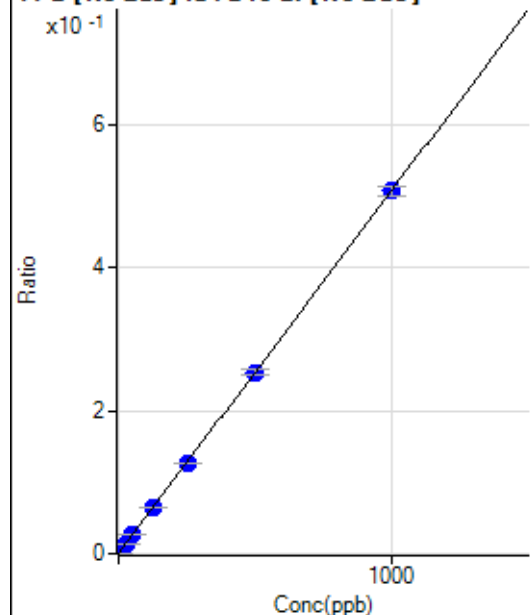
$$y = 1.0849\text{E-}004 * x + 9.7450\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.3479$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2119.67	0.0004	P	1.4
2	☐	25.000	24.531	69474.27	0.0128	P	0.1
3	☐	50.000	50.469	140432.47	0.0260	P	2.6
4	☐	125.000	125.751	328109.36	0.0641	P	2.0
5	☐	250.000	250.496	592801.33	0.1273	P	0.2
6	☐	500.000	499.995	1138684.56	0.2537	P	2.3
7	☐	1000.000	999.773	2225583.54	0.5068	P	2.3
8	☐			57119.98	0.0135	P	8.2

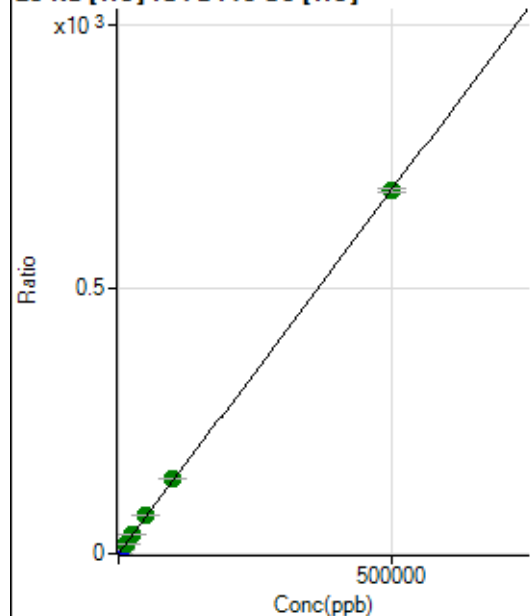
$$y = 5.0653\text{E-}004 * x + 3.9767\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03349$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12961.69	0.0321	P	1.7
2	☐	500.000	519.898	301171.30	0.7456	P	1.5
3	☐	5000.000	5302.889	2861831.90	7.3098	P	0.9
4	☐	12500.000	13075.986	6761427.28	17.9777	A	0.5
5	☐	25000.000	26318.176	12111514.77	36.1514	A	0.3
6	☐	50000.000	52138.307	23299007.99	71.5872	A	0.7
7	☐	100000.00	103681.09	45591437.83	142.3251	A	0.4
8	☐	500000.00	498966.59	239539241.4	684.8189	A	1.2

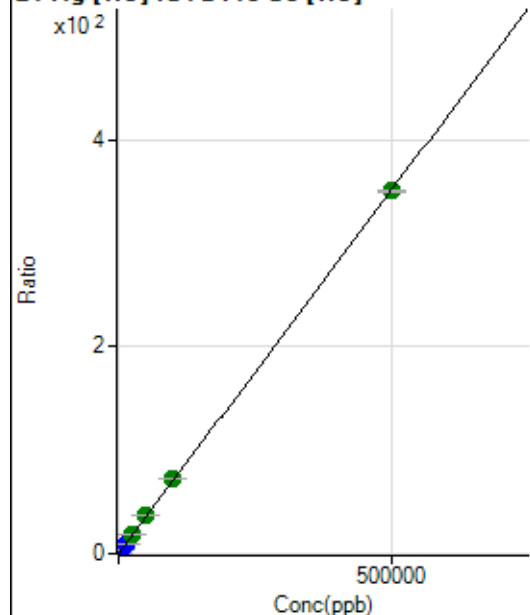
$$y = 0.0014 * x + 0.0321$$

$$R = 1.0000$$

$$DL = 1.215$$

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	205.57	0.0005	P	6.5
2	☐	500.000	536.270	152330.05	0.3771	P	2.3
3	☐	5000.000	5363.555	1474924.16	3.7673	P	0.6
4	☐	12500.000	13286.308	3509459.11	9.3315	P	0.1
5	☐	25000.000	26498.235	6234835.38	18.6102	A	0.1
6	☐	50000.000	52380.598	11972824.31	36.7873	A	0.8
7	☐	100000.00	103723.52	23334688.20	72.8453	A	0.6
8	☐	500000.00	498918.99	122562299.9	350.3904	A	0.6

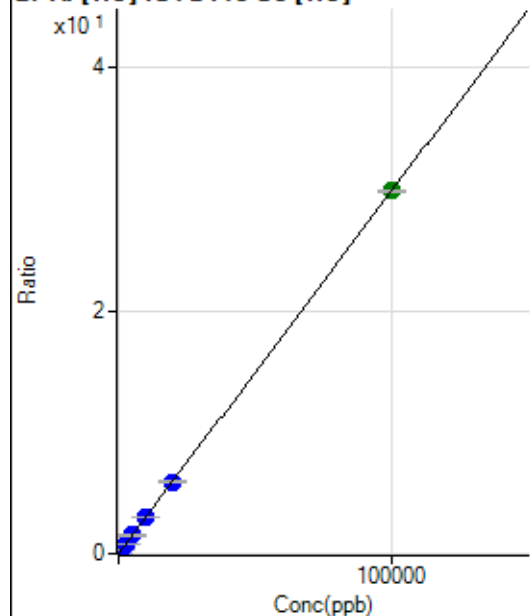
$$y = 7.0230E-004 * x + 5.0908E-004$$

$$R = 1.0000$$

$$DL = 0.1423$$

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	33.33	0.0001	P	25.3
2	☐	20.000	21.068	2575.32	0.0064	P	3.6
3	☐	1000.000	1014.853	118685.37	0.3032	P	0.4
4	☐	2500.000	2534.901	284770.00	0.7571	P	1.5
5	☐	5000.000	5047.006	504981.61	1.5073	P	0.5
6	☐	10000.000	9978.397	969876.25	2.9800	P	0.8
7	☐	20000.000	19872.727	1901117.29	5.9348	P	0.6
8	☐	100000.00	100024.24	10448458.39	29.8711	A	0.4

$$y = 2.9864E-004 * x + 8.2584E-005$$

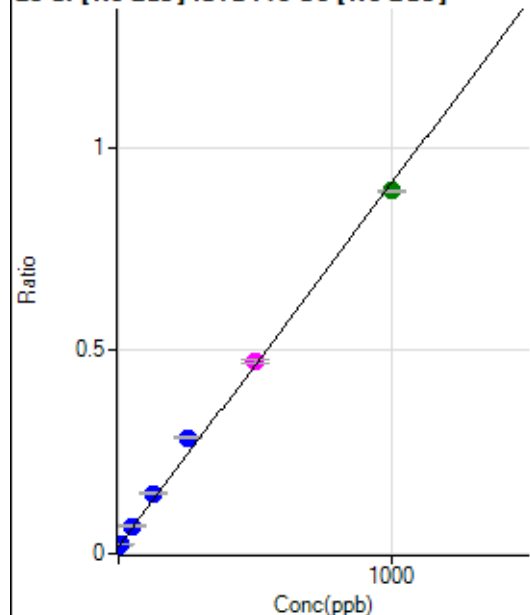
$$R = 1.0000$$

$$DL = 0.2099$$

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	205171.30	0.0177	P	0.5
2	☐	10.000	8.687	301290.40	0.0255	P	0.9
3	☐	50.000	56.899	800651.09	0.0686	P	1.8
4	☐	125.000	146.818	1645610.11	0.1491	P	2.3
5	☐	250.000	299.456	2846194.60	0.2857	P	1.3
6	☐	500.000	510.396	4621238.21	0.4745	M	1.8
7	☐	1000.000	979.379	8671558.70	0.8941	A	0.9
8	☐			1107320.17	0.1168	P	0.1

$$y = 8.9487\text{E-}004 * x + 0.0177$$

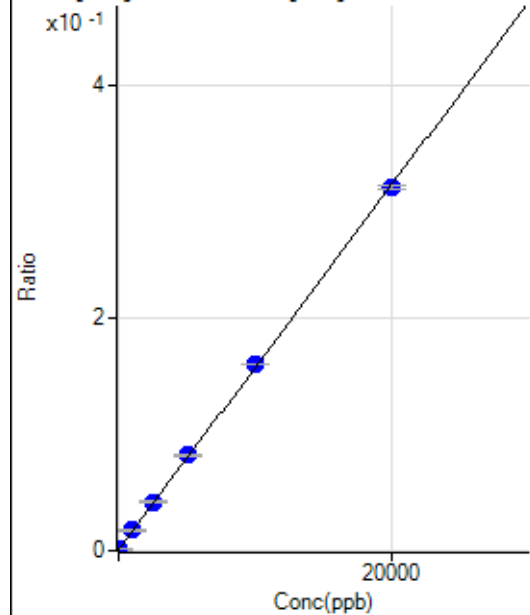
$$R = 0.9984$$

$$DL = 0.3142$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.085	136.12	0.0003	P	17.5
2	☐	0.000	26.085	466.70	0.0012	P	3.0
3	☐	1000.000	1072.295	6874.10	0.0176	P	4.5
4	☐	2500.000	2622.292	15750.52	0.0419	P	1.5
5	☐	5000.000	5192.527	27534.78	0.0822	P	1.6
6	☐	10000.000	10184.887	52231.28	0.1605	P	0.3
7	☐	20000.000	19840.523	99917.07	0.3119	P	1.0
8	☐			183.34	0.0005	P	16.9

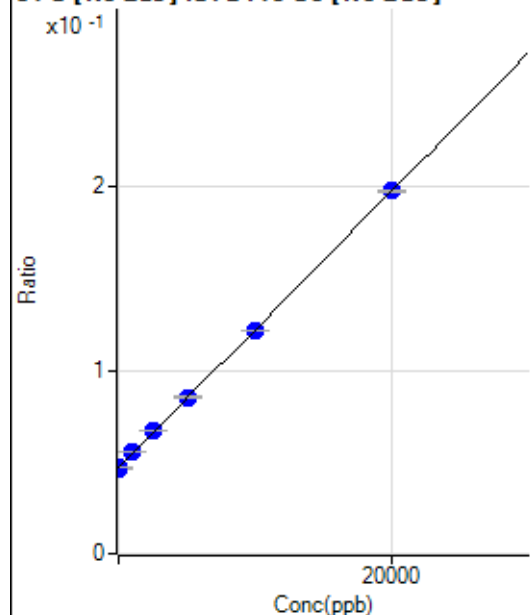
$$y = 1.5684\text{E-}005 * x + 7.4607\text{E-}004$$

$$R = 0.9999$$

$$DL = 8.906$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-52.138	538104.00	0.0465	P	1.1
2	☐	0.000	52.138	558593.23	0.0473	P	0.7
3	☐	1000.000	1168.596	649764.30	0.0557	P	0.4
4	☐	2500.000	2660.819	739124.57	0.0670	P	1.0
5	☐	5000.000	5094.211	850343.81	0.0853	P	0.8
6	☐	10000.000	9884.895	1183618.23	0.1215	P	0.1
7	☐	20000.000	20005.468	1919947.44	0.1980	P	0.4
8	☐			424818.68	0.0448	P	0.5

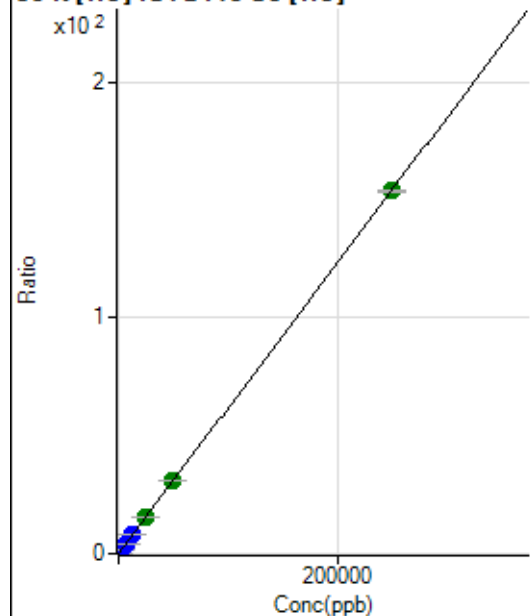
$$y = 7.5522\text{E-}006 * x + 0.0469$$

R = 0.9999

DL = 172.9

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18698.49	0.0463	P	0.6
2	☐	500.000	515.337	146823.43	0.3635	P	0.9
3	☐	2500.000	2621.747	649864.22	1.6599	P	0.5
4	☐	6250.000	6508.207	1523904.31	4.0520	P	0.6
5	☐	12500.000	12853.422	2665881.63	7.9573	P	0.1
6	☐	25000.000	25152.833	5053560.27	15.5273	A	1.0
7	☐	50000.000	50177.386	9907684.25	30.9293	A	0.9
8	☐	250000.00	249923.86	53820690.09	153.8687	A	0.4

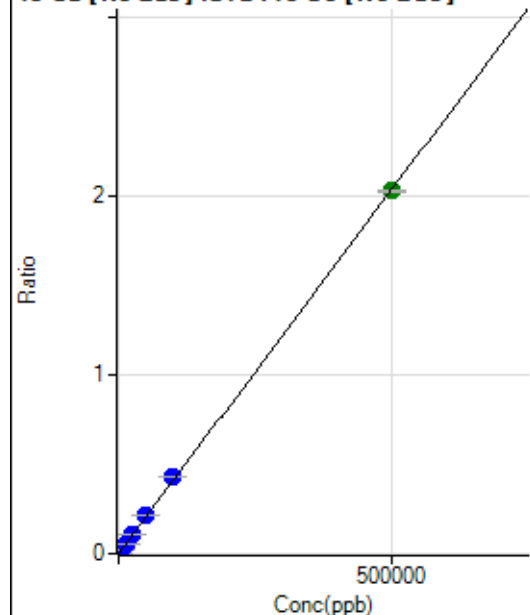
$$y = 6.1548\text{E-}004 * x + 0.0463$$

R = 1.0000

DL = 1.273

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	277.80	0.0000	P	1.7
2	☐	500.000	491.127	23875.54	0.0020	P	3.0
3	☐	5000.000	5337.991	253406.28	0.0217	P	0.6
4	☐	12500.000	13381.582	600619.08	0.0544	P	0.7
5	☐	25000.000	26741.900	1083269.84	0.1087	P	0.7
6	☐	50000.000	52663.576	2085215.93	0.2141	P	0.6
7	☐	100000.00	104855.87	4134212.25	0.4263	P	0.4
8	☐	500000.00	498649.96	19210746.96	2.0270	A	0.8

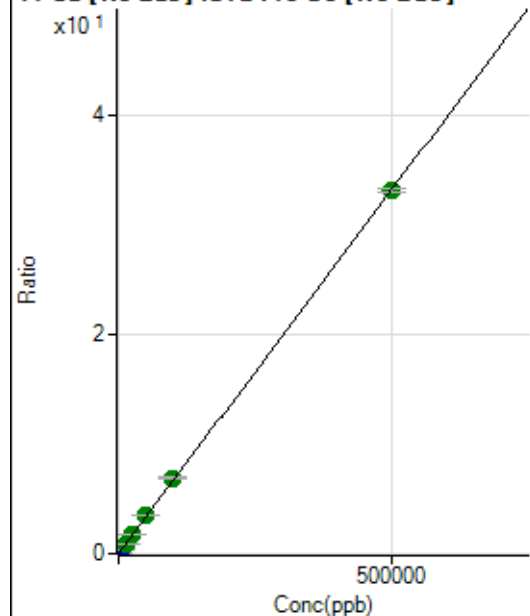
$$y = 4.0650\text{E-}006 * x + 2.3995\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.301$$

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	13845.80	0.0012	P	3.3
2	☐	500.000	495.227	402408.49	0.0341	P	0.9
3	☐	5000.000	5255.340	4081075.46	0.3499	P	1.7
4	☐	12500.000	13037.208	9559534.98	0.8661	A	0.2
5	☐	25000.000	26188.265	17321719.49	1.7386	A	0.9
6	☐	50000.000	52317.486	33817150.77	3.4722	A	0.5
7	☐	100000.00	104188.88	67051275.15	6.9136	A	0.9
8	☐	500000.00	498855.08	313666290.3	33.0976	A	1.1

$$y = 6.6345\text{E-}005 * x + 0.0012$$

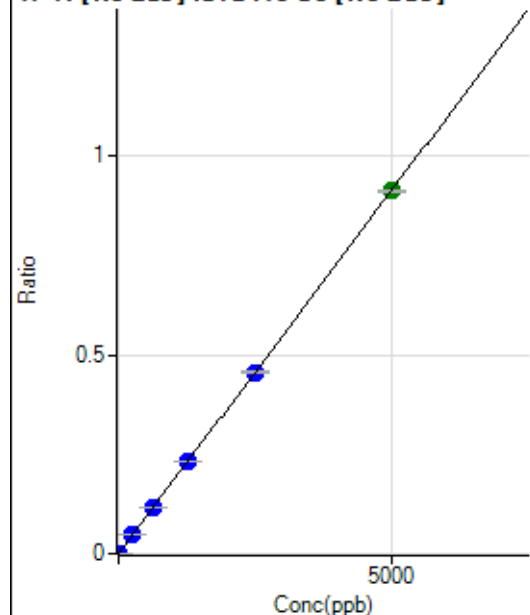
$$R = 1.0000$$

$$DL = 1.772$$

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	111.12	0.0000	P	28.7
2	☐	5.000	5.137	11213.09	0.0009	P	1.5
3	☐	250.000	255.400	544753.54	0.0467	P	1.1
4	☐	625.000	638.070	1287542.74	0.1167	P	0.9
5	☐	1250.000	1267.995	2309686.57	0.2318	P	0.9
6	☐	2500.000	2494.202	4441039.33	0.4560	P	0.7
7	☐	5000.000	4996.496	8859158.79	0.9134	A	0.8
8	☐			2780.94	0.0003	P	3.4

$$y = 1.8281E-004 * x + 9.6040E-006$$

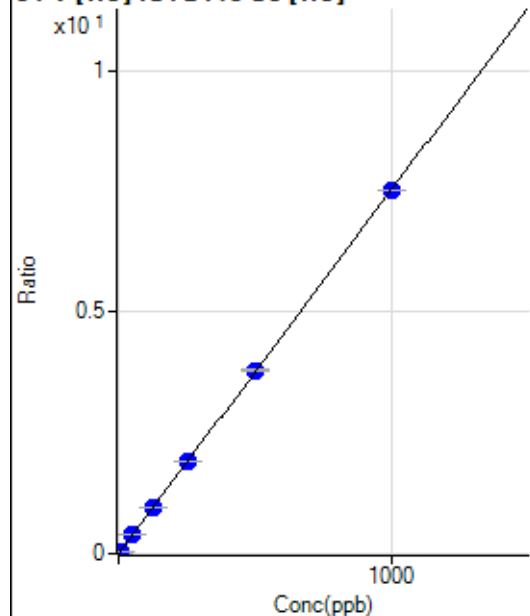
$$R = 1.0000$$

$$DL = 0.0452$$

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	6.67	0.0000	P	0.4
2	☐	5.000	5.181	15778.65	0.0391	P	1.6
3	☐	50.000	50.856	150053.48	0.3833	P	0.3
4	☐	125.000	127.483	361334.36	0.9608	P	0.7
5	☐	250.000	253.401	639810.15	1.9098	P	0.3
6	☐	500.000	503.863	1235918.72	3.7974	P	0.7
7	☐	1000.000	996.864	2406635.43	7.5128	P	0.1
8	☐			973.38	0.0028	P	4.8

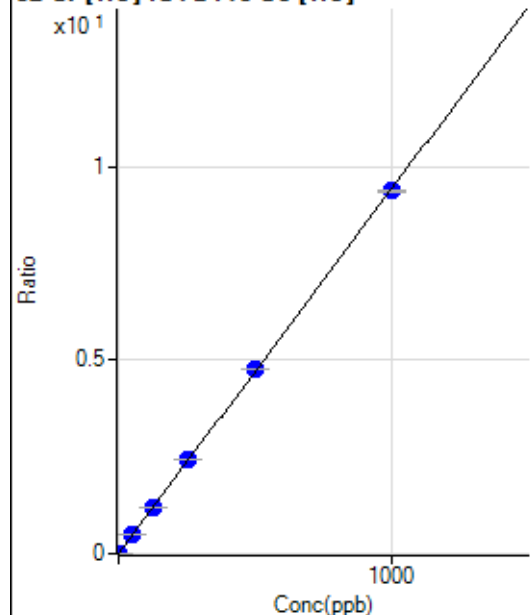
$$y = 0.0075 * x + 1.6516E-005$$

$$R = 1.0000$$

$$DL = 2.461E-05$$

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	1200.07	0.0030	P	2.8
2	☐	2.000	1.983	8739.38	0.0216	P	2.4
3	☐	50.000	51.635	191453.53	0.4890	P	0.4
4	☐	125.000	128.685	456697.30	1.2143	P	0.2
5	☐	250.000	256.590	810205.77	2.4183	P	0.3
6	☐	500.000	505.594	1549935.38	4.7623	P	0.6
7	☐	1000.000	995.013	3001361.62	9.3693	P	0.4
8	☐			87002.61	0.2487	P	0.7

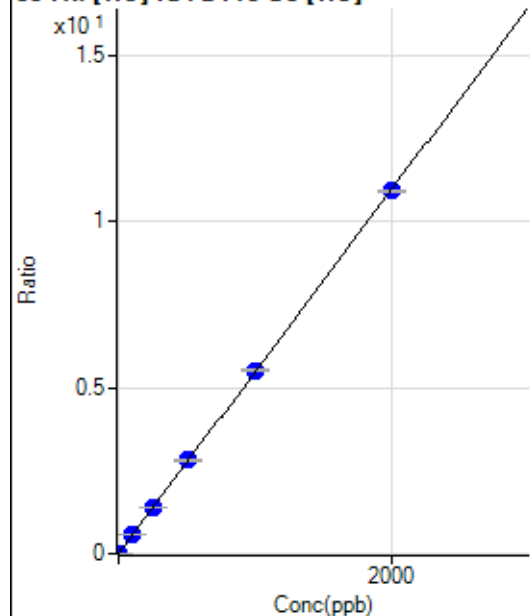
$$y = 0.0094 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.02667$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0001	P	13.1
2	☐	1.000	0.980	2209.09	0.0055	P	3.0
3	☐	100.000	101.952	219028.26	0.5595	P	0.6
4	☐	250.000	254.073	524287.29	1.3941	P	0.7
5	☐	500.000	513.070	943142.80	2.8152	P	0.4
6	☐	1000.000	1006.777	1797847.61	5.5240	P	0.8
7	☐	2000.000	1992.738	3502436.68	10.9336	P	0.4
8	☐			15370.43	0.0439	P	0.5

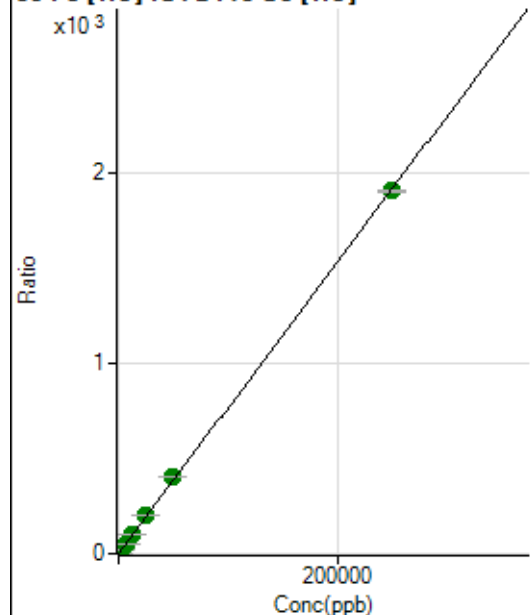
$$y = 0.0055 * x + 9.3511E-005$$

$$R = 1.0000$$

$$DL = 0.006706$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3670.93	0.0091	P	1.1
2	☐	50.000	54.899	173385.06	0.4292	P	1.4
3	☐	2500.000	2690.591	8065232.64	20.6011	A	0.2
4	☐	6250.000	6721.636	19350207.61	51.4522	A	0.5
5	☐	12500.000	13526.929	34686227.16	103.5355	A	0.8
6	☐	25000.000	26615.622	66299951.95	203.7080	A	0.5
7	☐	50000.000	52546.604	128828221.4	402.1671	A	0.2
8	☐	250000.00	249264.07	667293044.5	1,907.716	A	0.6

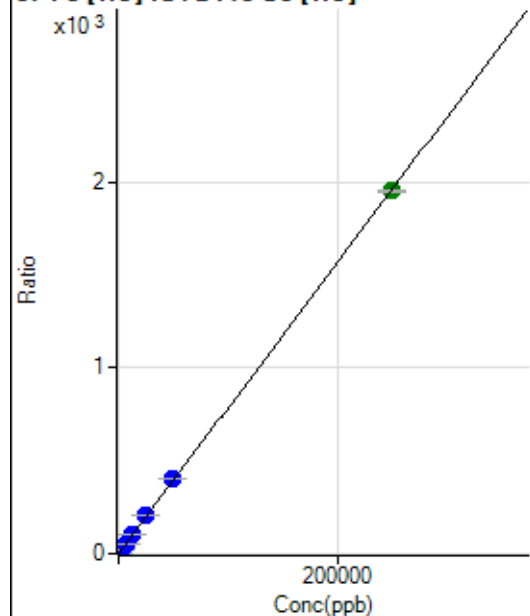
$$y = 0.0077 * x + 0.0091$$

$$R = 0.9999$$

$$DL = 0.0377$$

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	3857.24	0.0096	P	0.4
2	☐	50.000	54.362	175823.15	0.4353	P	1.5
3	☐	2500.000	2623.473	8047261.07	20.5552	P	0.2
4	☐	6250.000	6553.584	19305689.37	51.3338	P	0.5
5	☐	12500.000	13188.974	34606897.06	103.2987	P	0.8
6	☐	25000.000	25950.712	66148332.11	203.2420	P	0.5
7	☐	50000.000	51227.056	128516219.7	401.1932	P	0.2
8	☐	250000.00	249616.24	683788239.0	1,954.873	A	0.6

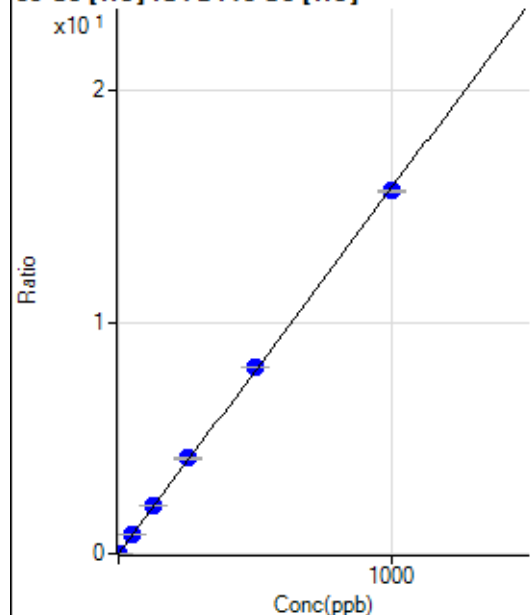
$$y = 0.0078 * x + 0.0096$$

$$R = 1.0000$$

$$DL = 0.0143$$

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	73.33	0.0002	P	19.4
2	☐	1.000	1.023	6598.25	0.0163	P	2.1
3	☐	50.000	52.513	324541.27	0.8290	P	0.8
4	☐	125.000	130.748	776172.95	2.0639	P	0.2
5	☐	250.000	260.611	1378136.96	4.1136	P	0.5
6	☐	500.000	508.815	2613890.29	8.0311	P	0.5
7	☐	1000.000	992.096	5016227.95	15.6591	P	0.4
8	☐			10064.69	0.0288	P	1.7

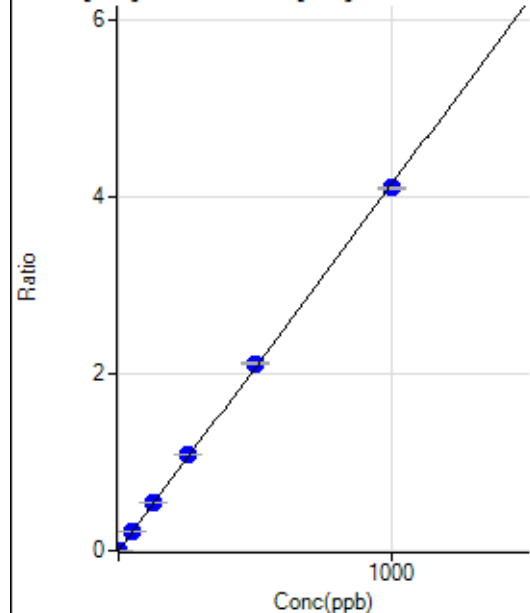
$$y = 0.0158 * x + 1.8149E-004$$

$$R = 0.9999$$

$$DL = 0.006695$$

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	61.11	0.0002	P	18.8
2	☐	1.000	1.132	1951.27	0.0048	P	6.1
3	☐	50.000	53.785	87099.02	0.2225	P	0.7
4	☐	125.000	131.675	204770.89	0.5445	P	0.9
5	☐	250.000	262.219	363205.93	1.0841	P	0.5
6	☐	500.000	510.686	687112.11	2.1112	P	0.5
7	☐	1000.000	990.578	1311774.85	4.0950	P	0.4
8	☐			26773.51	0.0765	P	1.5

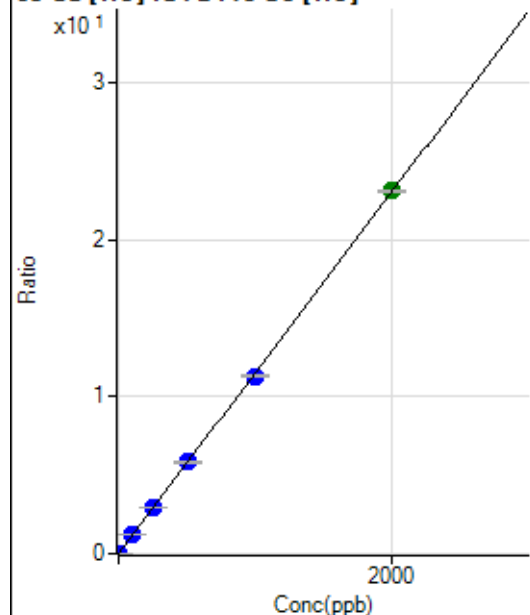
$$y = 0.0041 * x + 1.5125E-004$$

$$R = 0.9998$$

$$DL = 0.02062$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	712.25	0.0018	P	2.4
2	☐	2.000	1.994	9990.20	0.0247	P	1.1
3	☐	100.000	103.391	466890.06	1.1926	P	0.5
4	☐	250.000	254.786	1104210.10	2.9362	P	0.6
5	☐	500.000	505.370	1950641.24	5.8223	P	0.6
6	☐	1000.000	980.911	3677469.14	11.2993	P	0.7
7	☐	2000.000	2007.434	7406795.65	23.1221	A	0.4
8	☐			13944.58	0.0399	P	1.1

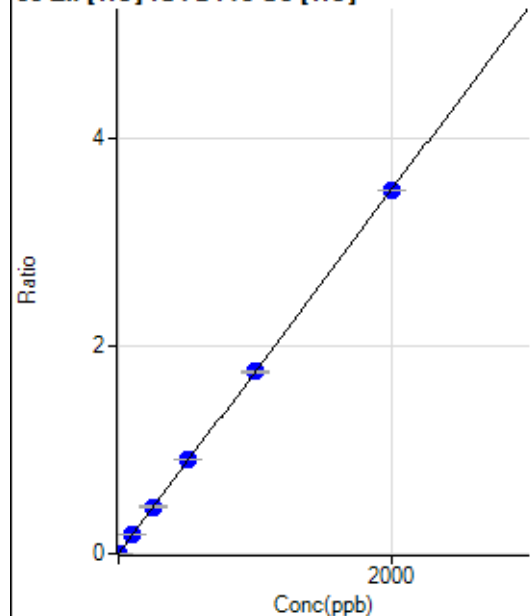
$$y = 0.0115 * x + 0.0018$$

$$R = 0.9999$$

$$DL = 0.01119$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	826.70	0.0020	P	6.0
2	☐	2.000	2.145	2340.22	0.0058	P	1.9
3	☐	100.000	104.178	72046.98	0.1840	P	0.4
4	☐	250.000	257.927	170219.55	0.4526	P	0.3
5	☐	500.000	514.351	301705.37	0.9005	P	0.1
6	☐	1000.000	1001.724	570192.07	1.7519	P	0.7
7	☐	2000.000	1994.350	1116659.26	3.4859	P	0.1
8	☐			16054.56	0.0459	P	1.7

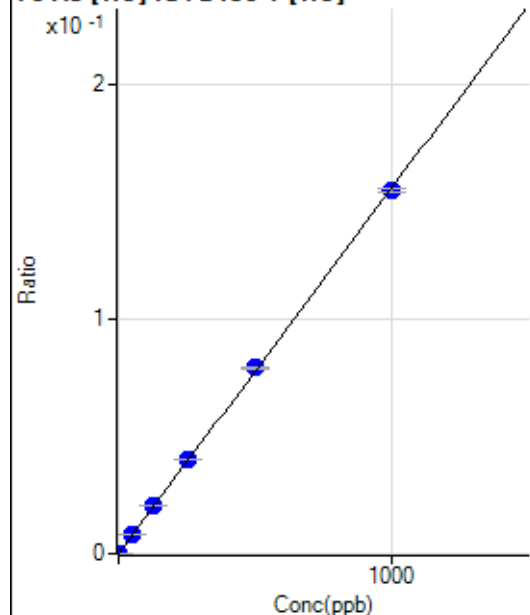
$$y = 0.0017 * x + 0.0020$$

$$R = 1.0000$$

$$DL = 0.2092$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.41	0.0000	P	25.3
2	☐	1.000	1.030	404.95	0.0002	P	5.0
3	☐	50.000	53.405	20131.30	0.0083	P	1.3
4	☐	125.000	131.847	48284.16	0.0205	P	0.9
5	☐	250.000	257.872	85565.16	0.0402	P	0.6
6	☐	500.000	507.986	164123.98	0.0791	P	0.9
7	☐	1000.000	993.013	315317.64	0.1547	P	1.2
8	☐			190.75	0.0001	P	15.8

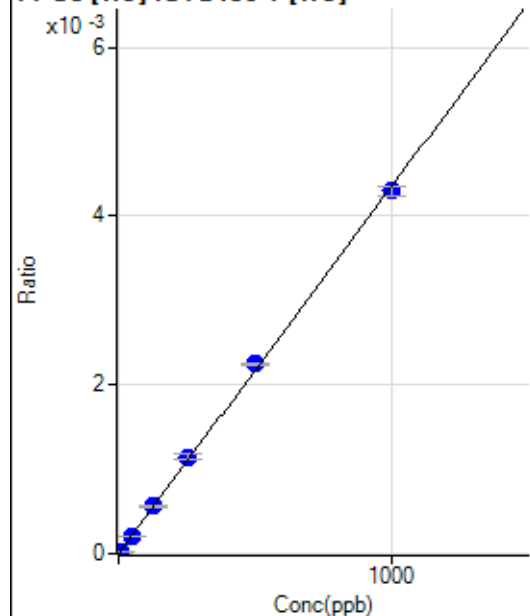
$$y = 1.5578\text{E-}004 * x + 3.0089\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01467$$

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
2	☐	5.000	5.771	63.33	0.0000	P	9.9
3	☐	50.000	47.197	497.80	0.0002	P	7.7
4	☐	125.000	128.712	1316.75	0.0006	P	3.9
5	☐	250.000	262.497	2432.47	0.0011	P	6.1
6	☐	500.000	516.412	4659.70	0.0022	P	1.8
7	☐	1000.000	988.342	8763.89	0.0043	P	2.9
8	☐			11.11	0.0000	P	34.3

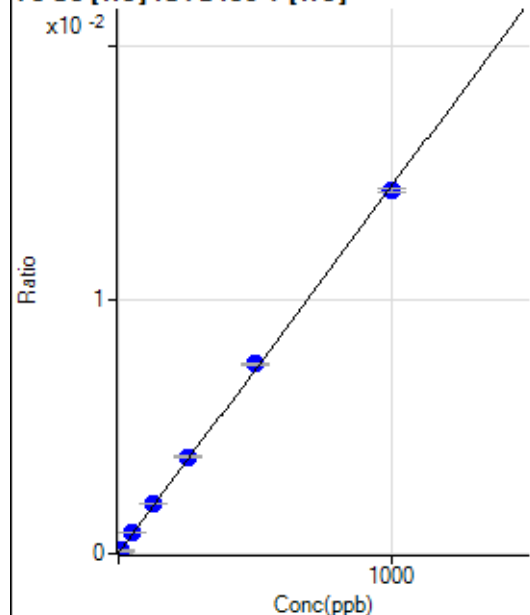
$$y = 4.3500\text{E-}006 * x + 4.5042\text{E-}007$$

$$R = 0.9997$$

$$DL = 0.538$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0000	P	21.9
2	☐	5.000	6.076	282.72	0.0001	P	12.2
3	☐	50.000	56.192	2026.70	0.0008	P	1.6
4	☐	125.000	135.677	4668.69	0.0020	P	1.8
5	☐	250.000	262.681	8136.91	0.0038	P	1.4
6	☐	500.000	514.933	15479.94	0.0075	P	1.4
7	☐	1000.000	987.714	29137.32	0.0143	P	1.2
8	☐			75.93	0.0000	P	15.8

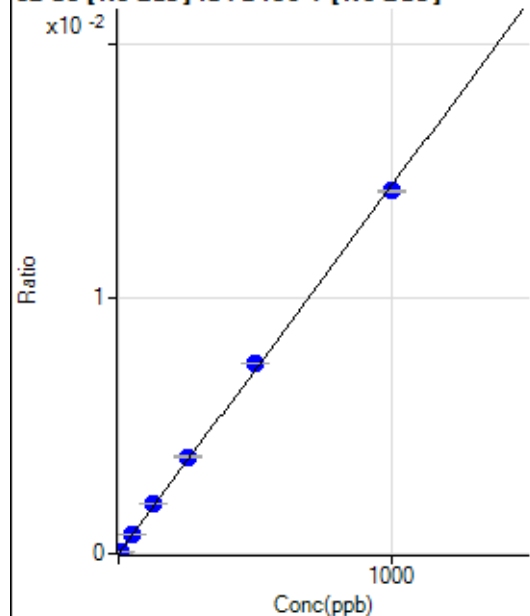
$$y = 1.4444\text{E-}005 * x + 2.6316\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.194$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-41.53	0.0000	P	-156.
2	☐	5.000	6.006	1860.80	0.0001	P	2.4
3	☐	50.000	54.059	17205.89	0.0008	P	0.4
4	☐	125.000	136.607	41625.01	0.0020	P	0.3
5	☐	250.000	264.014	74833.05	0.0038	P	0.8
6	☐	500.000	516.754	143963.06	0.0075	P	0.2
7	☐	1000.000	986.460	273133.45	0.0142	P	0.5
8	☐			264.29	0.0000	P	27.9

$$y = 1.4430\text{E-}005 * x - 1.9320\text{E-}006$$

$$R = 0.9997$$

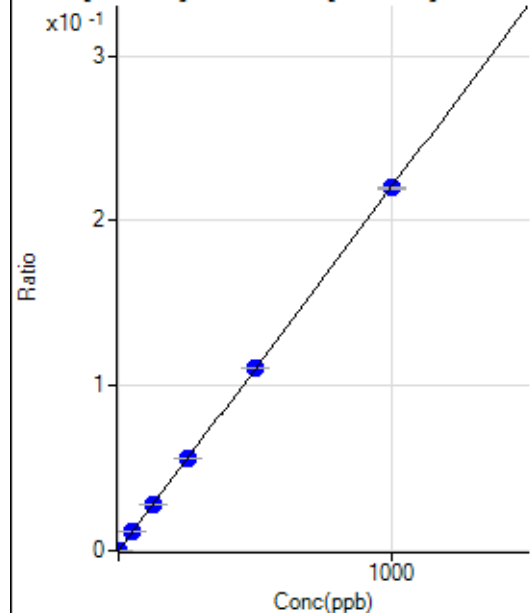
$$DL = 0.6282$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			774.48		P	2.8
2	☐			771.15		P	6.1
3	☐			782.26		P	4.9
4	☐			722.25		P	2.7
5	☐			740.03		P	7.5
6	☐			683.36		P	5.6
7	☐			693.36		P	5.9
8	☐			704.47		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1163.98	0.0001	P	6.5
2	☐	1.000	1.000	6023.77	0.0003	P	1.0
3	☐	50.000	50.634	247898.77	0.0112	P	0.9
4	☐	125.000	126.783	591642.25	0.0280	P	0.5
5	☐	250.000	252.689	1095347.86	0.0557	P	0.2
6	☐	500.000	502.711	2140231.84	0.1108	P	0.2
7	☐	1000.000	997.718	4220133.60	0.2199	P	0.4
8	☐			9870.46	0.0005	P	3.1

$$y = 2.2036\text{E-}004 * x + 5.3930\text{E-}005$$

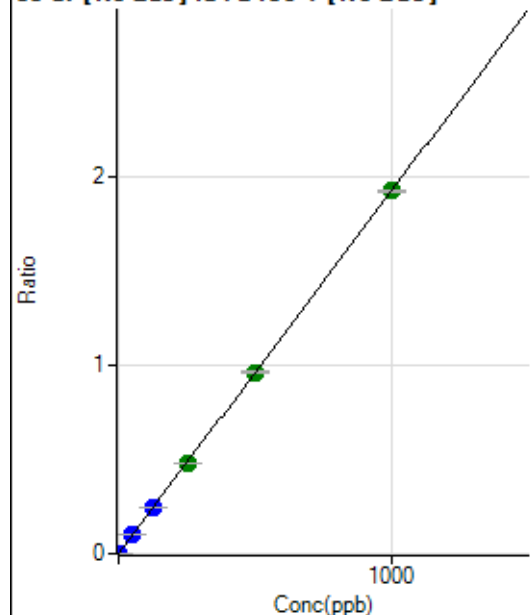
$$R = 1.0000$$

$$DL = 0.04797$$

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	94.45	0.0000	P	33.2
2	☐	1.000	0.968	40995.57	0.0019	P	1.0
3	☐	50.000	50.578	2152646.77	0.0974	P	0.2
4	☐	125.000	125.497	5105654.80	0.2416	P	0.5
5	☐	250.000	248.763	9409913.49	0.4788	A	0.4
6	☐	500.000	500.359	18597765.34	0.9631	A	0.9
7	☐	1000.000	1000.039	36938053.95	1.9248	A	0.4
8	☐			76270.17	0.0041	P	1.8

$$y = 0.0019 * x + 4.3737E-006$$

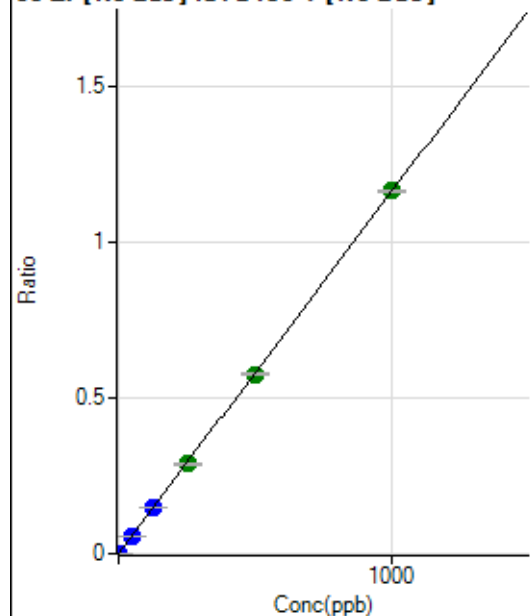
$$R = 1.0000$$

$$DL = 0.002265$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1047.30	0.0000	P	7.6
2	☐	1.000	0.764	20537.59	0.0009	P	4.9
3	☐	50.000	49.672	1276781.47	0.0577	P	0.5
4	☐	125.000	125.491	3081883.73	0.1458	P	0.6
5	☐	250.000	247.138	5642264.49	0.2871	A	0.8
6	☐	500.000	496.659	11140649.29	0.5769	A	0.7
7	☐	1000.000	1002.341	22342879.67	1.1643	A	0.7
8	☐			7393.88	0.0004	P	3.8

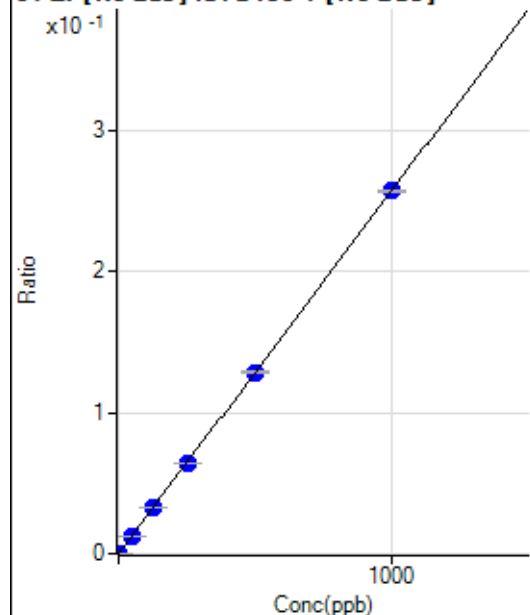
$$y = 0.0012 * x + 4.8536E-005$$

$$R = 1.0000$$

$$DL = 0.009558$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	6.3
2	☐	1.000	0.746	4409.19	0.0002	P	7.2
3	☐	50.000	49.817	283144.19	0.0128	P	0.5
4	☐	125.000	125.697	682641.28	0.0323	P	0.6
5	☐	250.000	250.280	1263658.74	0.0643	P	0.5
6	☐	500.000	499.528	2477971.30	0.1283	P	0.7
7	☐	1000.000	1000.088	4930040.48	0.2569	P	0.5
8	☐			1672.39	0.0001	P	5.0

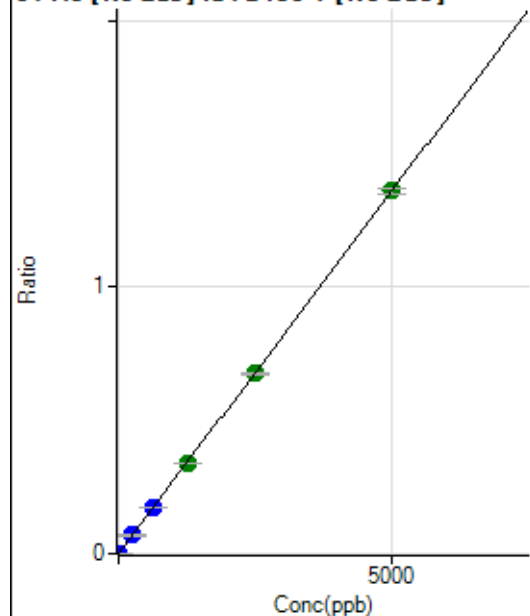
$$y = 2.5687E-004 * x + 9.1379E-006$$

$$R = 1.0000$$

$$DL = 0.006705$$

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	358.36	0.0000	P	8.8
2	☐	5.000	4.738	28660.15	0.0013	P	0.6
3	☐	250.000	252.095	1516436.30	0.0686	P	0.6
4	☐	625.000	632.424	3635892.75	0.1720	P	0.1
5	☐	1250.000	1241.520	6636335.96	0.3377	A	0.2
6	☐	2500.000	2487.501	13064830.24	0.6766	A	0.6
7	☐	5000.000	5007.337	26134817.43	1.3619	A	1.3
8	☐			18009.26	0.0010	P	3.2

$$y = 2.7198E-004 * x + 1.6608E-005$$

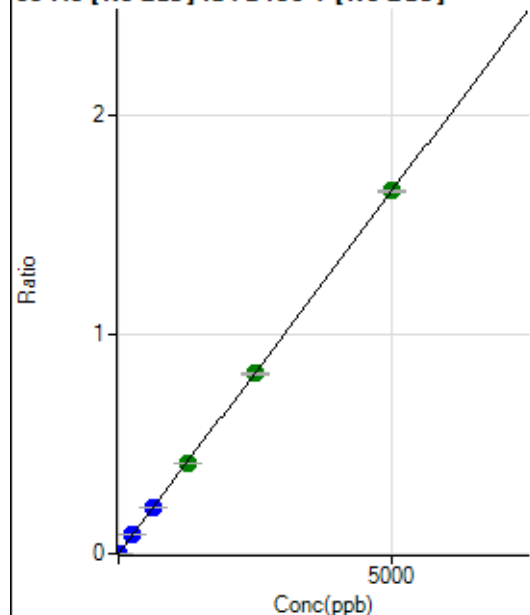
$$R = 1.0000$$

$$DL = 0.01609$$

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	72.23	0.0000	P	59.2
2	☐	5.000	5.191	37728.84	0.0017	P	0.6
3	☐	250.000	252.966	1848330.16	0.0836	P	0.5
4	☐	625.000	631.396	4409743.11	0.2086	P	0.1
5	☐	1250.000	1241.530	8062218.76	0.4102	A	0.6
6	☐	2500.000	2487.510	15872543.41	0.8219	A	0.8
7	☐	5000.000	5007.415	31752006.27	1.6546	A	0.9
8	☐			26942.99	0.0015	P	1.4

$$y = 3.3043\text{E-}004 * x + 3.3438\text{E-}006$$

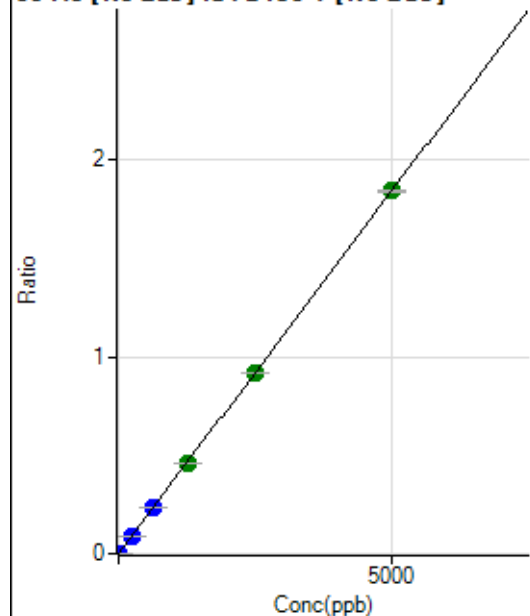
$$R = 1.0000$$

$$DL = 0.01797$$

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	144.45	0.0000	P	30.0
2	☐	5.000	5.082	41257.80	0.0019	P	0.4
3	☐	250.000	251.059	2045352.74	0.0925	P	0.3
4	☐	625.000	630.219	4907679.41	0.2322	P	0.9
5	☐	1250.000	1240.163	8979375.81	0.4569	A	0.4
6	☐	2500.000	2491.415	17725139.46	0.9179	A	0.5
7	☐	5000.000	5006.046	35392881.35	1.8443	A	0.7
8	☐			36241.71	0.0020	P	0.9

$$y = 3.6842\text{E-}004 * x + 6.6982\text{E-}006$$

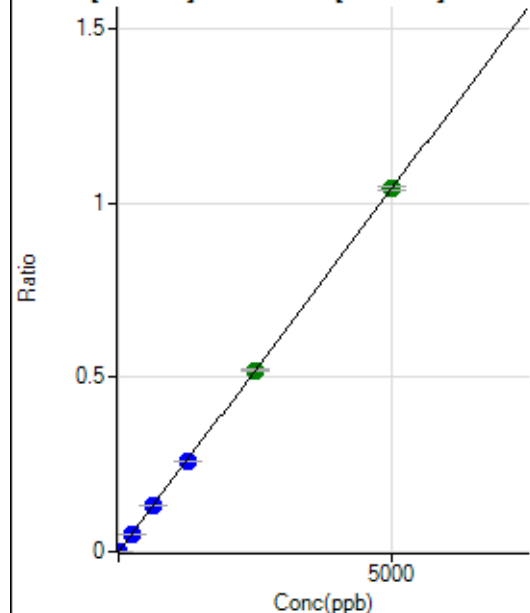
$$R = 1.0000$$

$$DL = 0.01635$$

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	91.67	0.0000	P	17.8
2	☐	5.000	5.217	23912.63	0.0011	P	0.3
3	☐	250.000	250.123	1150065.85	0.0520	P	0.9
4	☐	625.000	627.058	2755958.61	0.1304	P	0.4
5	☐	1250.000	1242.675	5078202.98	0.2584	P	0.4
6	☐	2500.000	2502.065	10046826.62	0.5203	A	1.1
7	☐	5000.000	5000.535	19953608.08	1.0398	A	1.2
8	☐			16710.38	0.0009	P	1.3

$$y = 2.0794\text{E-}004 * x + 4.2454\text{E-}006$$

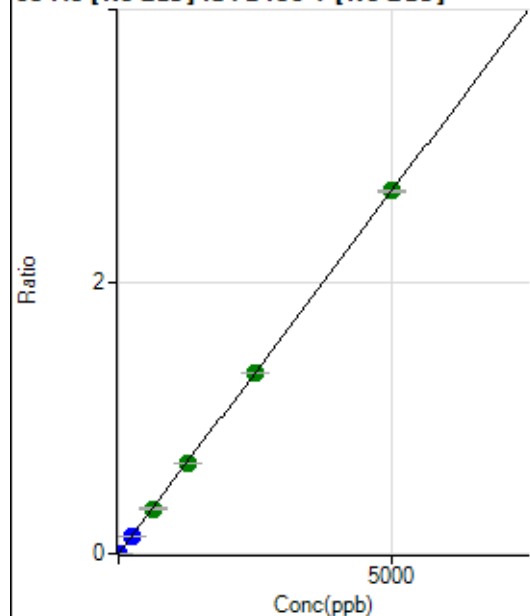
$$R = 1.0000$$

$$DL = 0.01089$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	38.7
2	☐	5.000	5.108	59977.29	0.0027	P	1.4
3	☐	250.000	250.386	2954139.02	0.1336	P	0.6
4	☐	625.000	623.154	7027855.62	0.3325	A	0.5
5	☐	1250.000	1245.916	13065082.50	0.6648	A	0.6
6	☐	2500.000	2491.890	25676268.28	1.3296	A	0.3
7	☐	5000.000	5005.287	51252986.91	2.6707	A	0.8
8	☐			42043.72	0.0023	P	1.5

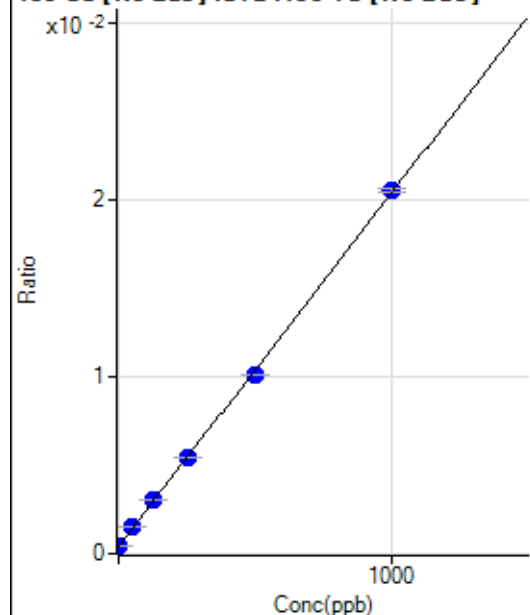
$$y = 5.3358\text{E-}004 * x + 6.1724\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01344$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9192.26	0.0004	P	1.8
2	☐	1.000	0.408	9523.04	0.0004	P	4.2
3	☐	50.000	54.817	34963.64	0.0015	P	2.2
4	☐	125.000	132.207	69122.42	0.0031	P	0.7
5	☐	250.000	253.007	119187.35	0.0055	P	0.3
6	☐	500.000	484.017	220090.65	0.0101	P	0.3
7	☐	1000.000	1006.099	441400.92	0.0205	P	1.0
8	☐			8052.61	0.0004	P	1.1

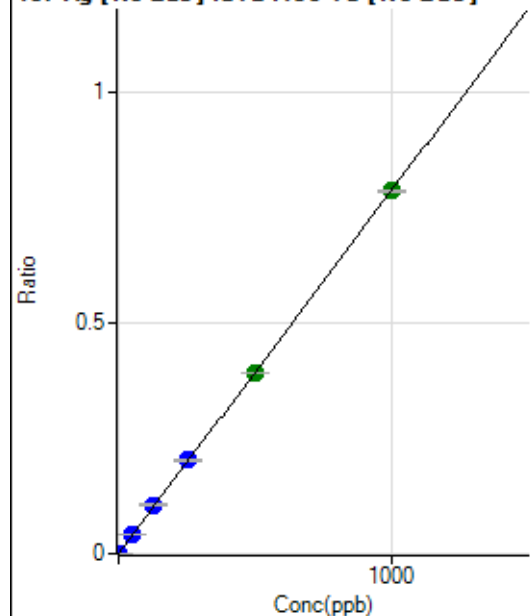
$$y = 1.9987E-005 * x + 4.1050E-004$$

$$R = 0.9998$$

$$DL = 1.106$$

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	211.12	0.0000	P	19.5
2	☐	1.000	1.168	21144.33	0.0009	P	0.5
3	☐	50.000	55.264	1010262.20	0.0435	P	0.7
4	☐	125.000	134.670	2400677.64	0.1060	P	1.0
5	☐	250.000	256.811	4407158.87	0.2022	P	0.6
6	☐	500.000	495.608	8514766.77	0.3901	A	0.1
7	☐	1000.000	999.021	16916929.02	0.7864	A	0.6
8	☐			2714.28	0.0001	P	3.8

$$y = 7.8719E-004 * x + 9.4197E-006$$

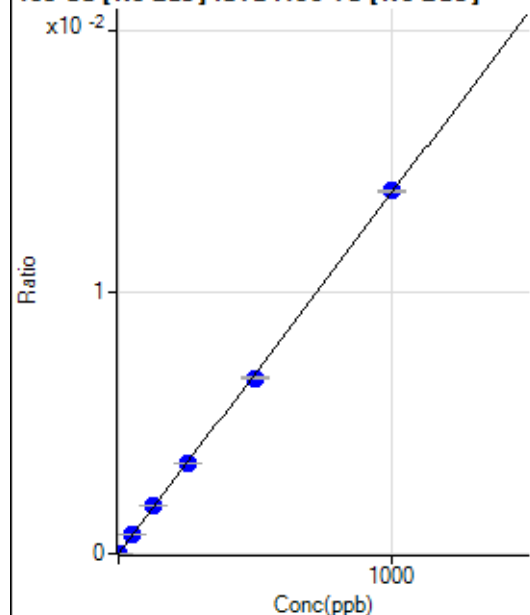
$$R = 0.9999$$

$$DL = 0.006992$$

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	23.61	0.0000	P	56.3
2	☐	1.000	0.849	290.29	0.0000	P	14.8
3	☐	50.000	53.315	17111.96	0.0007	P	0.8
4	☐	125.000	133.070	41619.59	0.0018	P	1.0
5	☐	250.000	251.573	75731.76	0.0035	P	0.2
6	☐	500.000	485.642	146341.22	0.0067	P	1.2
7	☐	1000.000	1005.611	298633.57	0.0139	P	0.4
8	☐			116.67	0.0000	P	3.8

$$y = 1.3805\text{E-}005 * x + 1.0510\text{E-}006$$

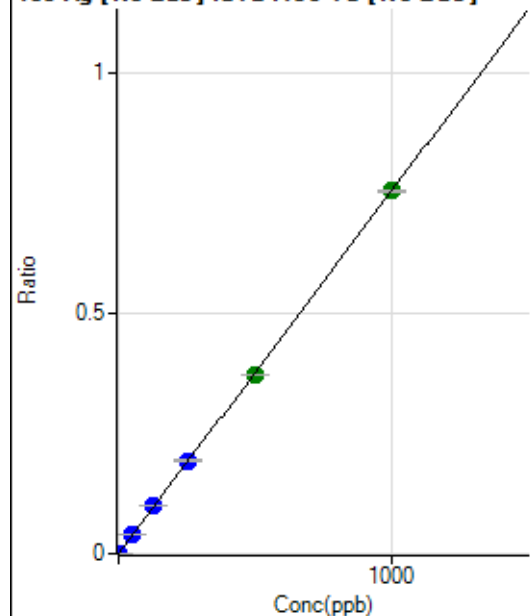
$$R = 0.9998$$

$$DL = 0.1287$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	17.1
2	☐	1.000	1.148	19806.25	0.0009	P	2.3
3	☐	50.000	55.046	963132.64	0.0415	P	0.7
4	☐	125.000	134.508	2295049.92	0.1014	P	0.3
5	☐	250.000	256.636	4215811.16	0.1934	P	0.7
6	☐	500.000	493.116	8109576.83	0.3716	A	0.3
7	☐	1000.000	1000.342	16214792.55	0.7538	A	0.6
8	☐			2489.21	0.0001	P	3.9

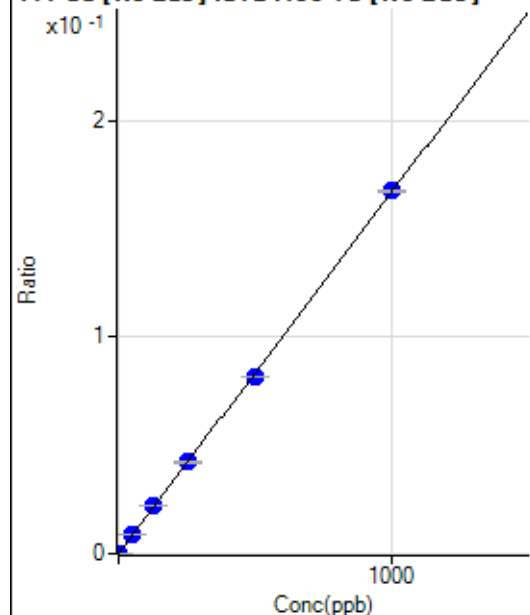
$$y = 7.5353\text{E-}004 * x + 5.3405\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.003638$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1841.37	0.0001	P	1.2
2	☐	1.000	1.045	5829.87	0.0003	P	3.3
3	☐	50.000	53.769	209835.18	0.0090	P	0.9
4	☐	125.000	130.556	494226.55	0.0218	P	0.6
5	☐	250.000	252.686	919330.25	0.0422	P	0.6
6	☐	500.000	488.620	1777965.02	0.0815	P	0.4
7	☐	1000.000	1004.136	3599372.58	0.1673	P	0.4
8	☐			2274.72	0.0001	P	3.8

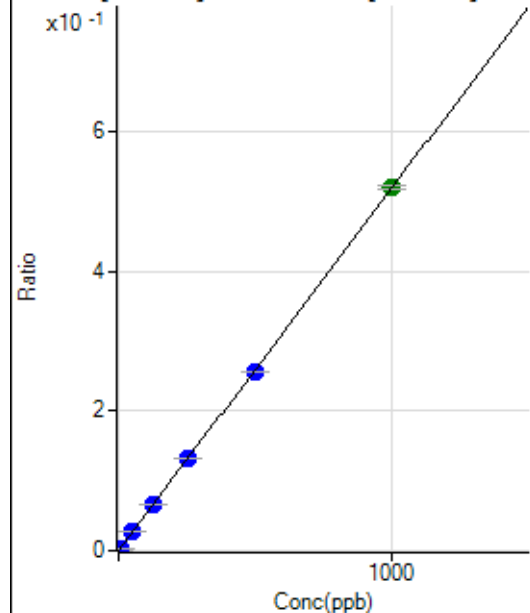
$$y = 1.6656E-004 * x + 8.2234E-005$$

$$R = 0.9999$$

$$DL = 0.01728$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	997.30	0.0000	P	5.0
2	☐	5.000	5.307	63670.18	0.0028	P	2.2
3	☐	50.000	52.262	630567.86	0.0272	P	0.5
4	☐	125.000	129.611	1523682.95	0.0673	P	0.3
5	☐	250.000	253.458	2867717.62	0.1315	P	0.5
6	☐	500.000	493.599	5590296.35	0.2561	P	0.4
7	☐	1000.000	1001.645	11179906.07	0.5197	A	1.0
8	☐			7910.94	0.0004	P	4.6

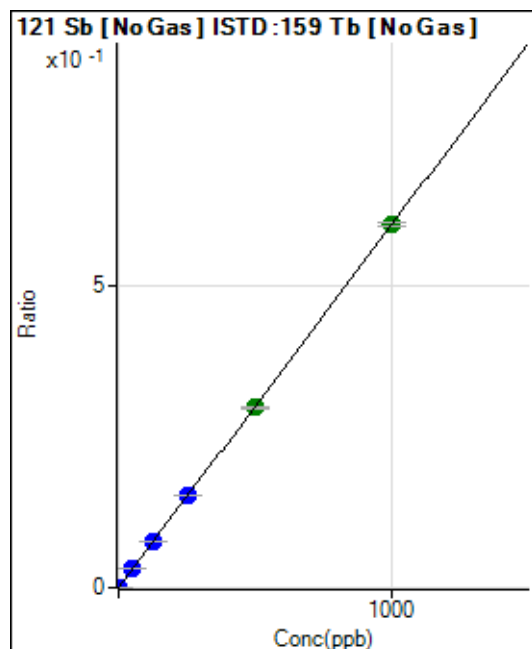
$$y = 5.1884E-004 * x + 4.4528E-005$$

$$R = 1.0000$$

$$DL = 0.01294$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.6
2	☐	2.000	2.006	27578.00	0.0012	P	1.3
3	☐	50.000	51.607	722052.04	0.0311	P	0.6
4	☐	125.000	129.358	1764941.12	0.0779	P	0.2
5	☐	250.000	252.515	3317064.35	0.1522	P	0.4
6	☐	500.000	497.499	6542331.01	0.2998	A	0.9
7	☐	1000.000	999.997	12961754.19	0.6026	A	0.9
8	☐			13245.64	0.0007	P	4.7

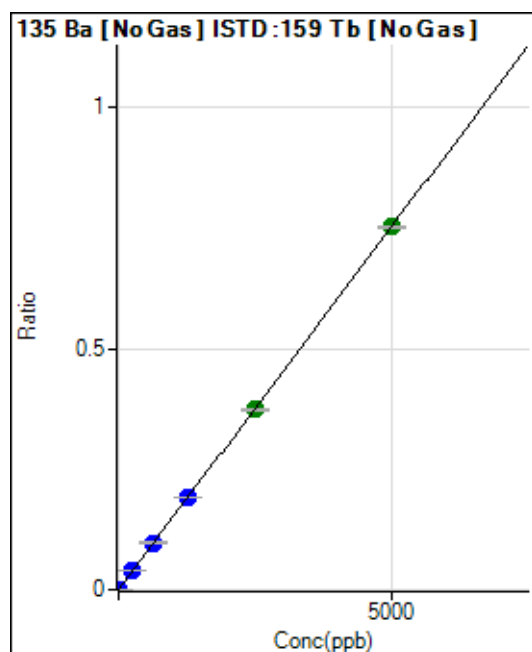
$$y = 6.0257E-004 * x + 2.9746E-006$$

$$R = 1.0000$$

$$DL = 0.004833$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	16.7
2	☐	10.000	10.461	35822.09	0.0016	P	1.5
3	☐	250.000	260.666	910220.42	0.0392	P	0.7
4	☐	625.000	647.690	2205554.37	0.0974	P	0.5
5	☐	1250.000	1269.302	4161651.26	0.1909	P	0.6
6	☐	2500.000	2485.540	8158064.85	0.3738	A	0.8
7	☐	5000.000	4999.034	16172034.56	0.7518	A	0.5
8	☐			3370.02	0.0002	P	2.9

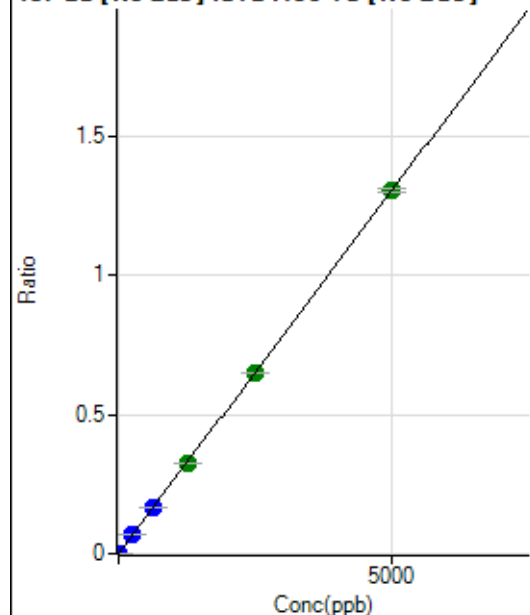
$$y = 1.5039E-004 * x + 1.2398E-006$$

$$R = 1.0000$$

$$DL = 0.004122$$

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	58.33	0.0000	P	25.8
2	☐	10.000	10.312	61168.88	0.0027	P	0.3
3	☐	250.000	261.059	1578547.69	0.0680	P	0.4
4	☐	625.000	645.834	3808519.75	0.1682	P	0.6
5	☐	1250.000	1251.368	7104524.46	0.3259	A	0.6
6	☐	2500.000	2490.823	14157178.44	0.6487	A	0.5
7	☐	5000.000	5001.089	28017094.38	1.3024	A	1.1
8	☐			5662.52	0.0003	P	0.0

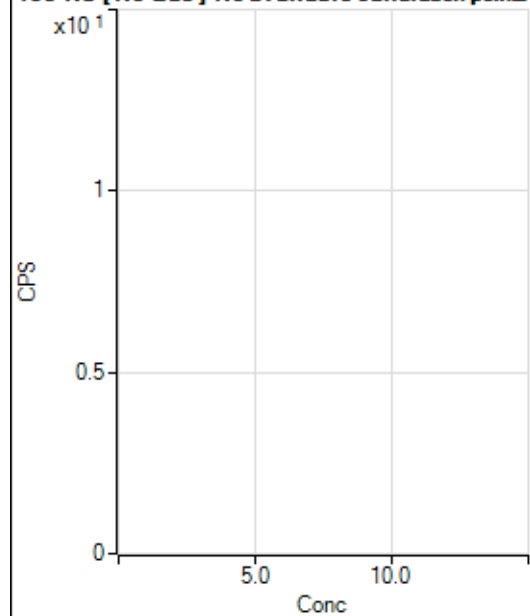
$$y = 2.6043E-004 * x + 2.6094E-006$$

$$R = 1.0000$$

$$DL = 0.007745$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	173.2
2	☐			13.33		P	100.0
3	☐			108.89		P	31.4
4	☐			188.90		P	20.7
5	☐			377.80		P	3.7
6	☐			624.48		P	4.4
7	☐			1409.01		P	15.4
8	☐			166.67		P	16.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			6.67		P	50.0
3	☐			5.56		P	34.7
4	☐			21.11		P	50.8
5	☐			31.11		P	6.2
6	☐			55.56		P	3.5
7	☐			80.00		P	26.0
8	☐			54.45		P	28.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	0.0
2	☐			27.78		P	91.7
3	☐			44.45		P	10.8
4	☐			55.56		P	17.3
5	☐			111.12		P	37.0
6	☐			169.45		P	18.6
7	☐			311.13		P	17.8
8	☐			669.49		P	10.6

156 Dy [He] No available calibration points

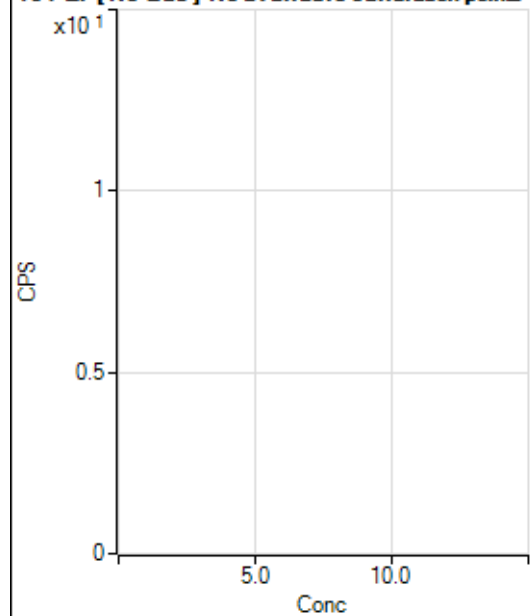
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	30.0
2	☐			33.33		P	52.0
3	☐			31.11		P	40.6
4	☐			68.89		P	31.5
5	☐			78.89		P	2.4
6	☐			142.23		P	11.1
7	☐			265.56		P	13.8
8	☐			285.56		P	12.9

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	10.8
2	☐			147.23		P	19.9
3	☐			172.23		P	11.2
4	☐			172.23		P	10.1
5	☐			119.45		P	8.1
6	☐			175.01		P	14.3
7	☐			216.68		P	24.0
8	☐			641.71		P	10.4

160 Gd [He] No available calibration points

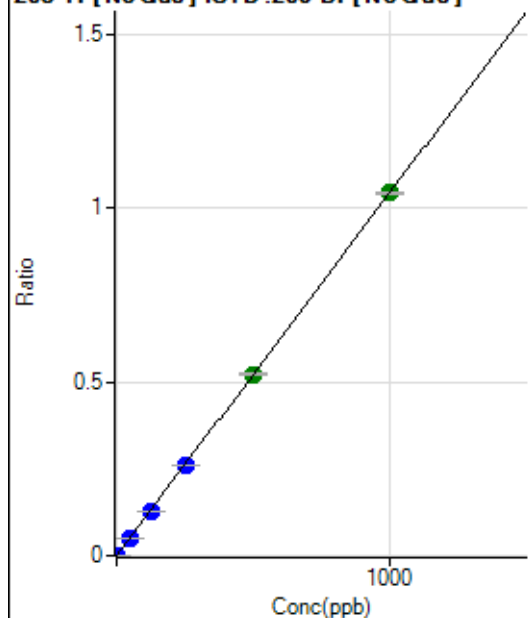
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			265.56		P	4.8
2	☐			303.34		P	9.0
3	☐			305.56		P	16.5
4	☐			280.01		P	12.6
5	☐			283.34		P	5.9
6	☐			280.01		P	14.0
7	☐			250.01		P	6.9
8	☐			578.91		P	11.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	4.6
2	☐			141.67		P	10.2
3	☐			108.34		P	46.8
4	☐			108.34		P	20.4
5	☐			144.45		P	38.4
6	☐			116.67		P	21.4
7	☐			127.78		P	24.7
8	☐			163.90		P	29.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	42.1
2	☐			78.89		P	19.1
3	☐			83.34		P	8.0
4	☐			75.56		P	45.3
5	☐			66.67		P	8.7
6	☐			70.00		P	31.2
7	☐			81.11		P	6.3
8	☐			85.55		P	27.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	600.04	0.0000	P	5.4
2	☐	1.000	0.910	13955.12	0.0010	P	0.7
3	☐	50.000	48.944	727017.95	0.0511	P	1.0
4	☐	125.000	123.320	1779837.82	0.1287	P	1.3
5	☐	250.000	248.154	3434088.31	0.2590	P	0.3
6	☐	500.000	500.247	6909286.27	0.5221	A	0.6
7	☐	1000.000	1000.601	13381090.23	1.0443	A	0.5
8	☐			6079.46	0.0006	P	3.2

$$y = 0.0010 * x + 4.3542E-005$$

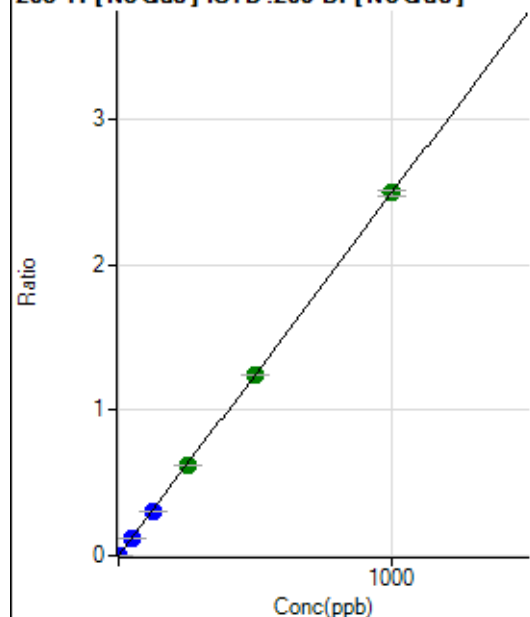
$$R = 1.0000$$

$$DL = 0.006727$$

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	1022.30	0.0001	P	7.1
2	☐	1.000	0.937	33846.73	0.0024	P	0.9
3	☐	50.000	49.250	1745914.84	0.1228	P	0.8
4	☐	125.000	124.009	4272016.20	0.3090	P	0.6
5	☐	250.000	247.570	8178046.19	0.6168	A	0.1
6	☐	500.000	499.238	16459605.92	1.2438	A	0.8
7	☐	1000.000	1001.150	31957802.10	2.4942	A	1.3
8	☐			14030.27	0.0013	P	3.5

$$y = 0.0025 * x + 7.4222E-005$$

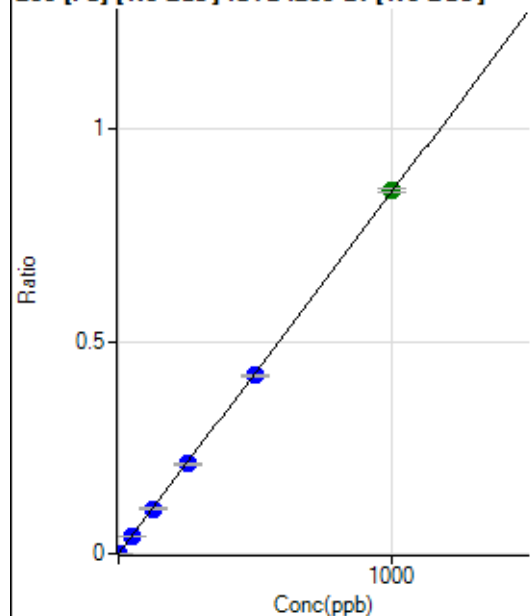
$$R = 1.0000$$

$$DL = 0.006374$$

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	1464.94	0.0001	P	5.9
2	☐	1.000	0.932	12652.64	0.0009	P	0.3
3	☐	50.000	49.382	599602.60	0.0422	P	1.3
4	☐	125.000	124.599	1468473.51	0.1062	P	1.2
5	☐	250.000	247.887	2800507.00	0.2112	P	0.7
6	☐	500.000	493.672	5565347.75	0.4205	P	0.9
7	☐	1000.000	1003.773	10955430.69	0.8550	A	1.2
8	☐			35275.18	0.0032	P	1.2

$$y = 8.5166E-004 * x + 1.0636E-004$$

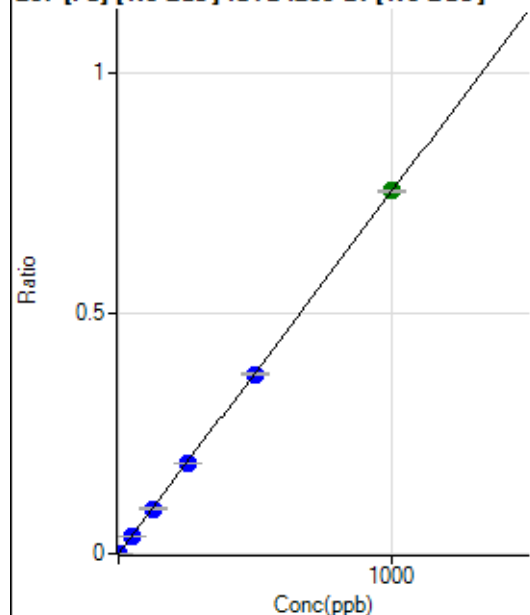
$$R = 1.0000$$

$$DL = 0.02203$$

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	1294.55	0.0001	P	6.2
2	☐	1.000	0.938	11268.08	0.0008	P	4.4
3	☐	50.000	49.124	528408.85	0.0372	P	1.0
4	☐	125.000	124.190	1296614.02	0.0938	P	1.8
5	☐	250.000	249.518	2497140.42	0.1883	P	0.4
6	☐	500.000	496.402	4957542.53	0.3746	P	0.6
7	☐	1000.000	1002.065	9689086.33	0.7561	A	0.4
8	☐			32135.80	0.0029	P	2.3

$$y = 7.5446\text{E-}004 * x + 9.3993\text{E-}005$$

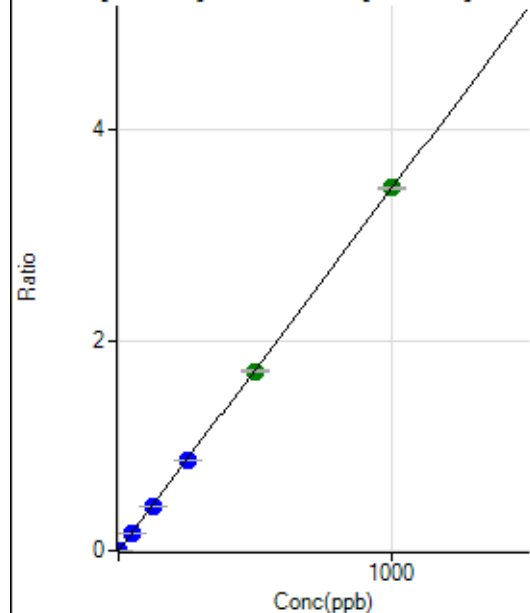
$$R = 1.0000$$

$$DL = 0.0231$$

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	5311.67	0.0004	P	3.2
2	☐	1.000	0.937	50707.50	0.0036	P	1.6
3	☐	50.000	49.055	2406317.51	0.1692	P	1.3
4	☐	125.000	123.888	5899445.79	0.4267	P	1.2
5	☐	250.000	247.951	11318420.88	0.8537	P	0.3
6	☐	500.000	496.223	22604322.38	1.7081	A	0.5
7	☐	1000.000	1002.587	44218074.25	3.4507	A	0.5
8	☐			144394.52	0.0131	P	1.0

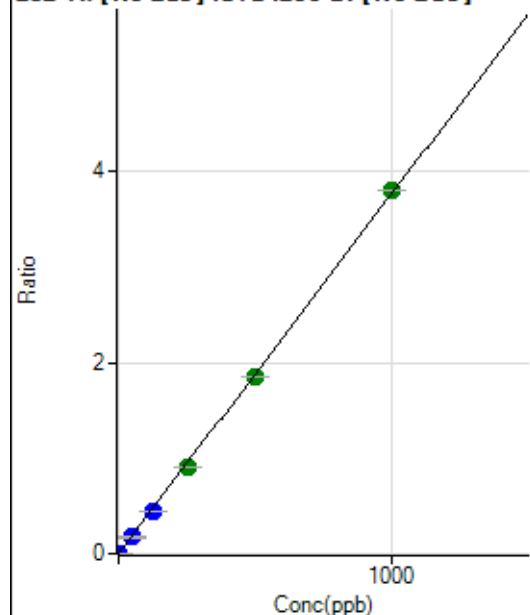
$$y = 0.0034 * x + 3.8560\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01069$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2018.74	0.0001	P	4.4
2	☐	1.000	0.679	38005.63	0.0027	P	2.9
3	☐	50.000	45.432	2435432.93	0.1713	P	0.5
4	☐	125.000	117.245	6106490.93	0.4417	P	1.2
5	☐	250.000	238.715	11921608.02	0.8992	A	0.3
6	☐	500.000	490.758	24461769.30	1.8484	A	0.3
7	☐	1000.000	1008.640	48678921.00	3.7988	A	0.2
8	☐			11731.50	0.0011	P	4.4

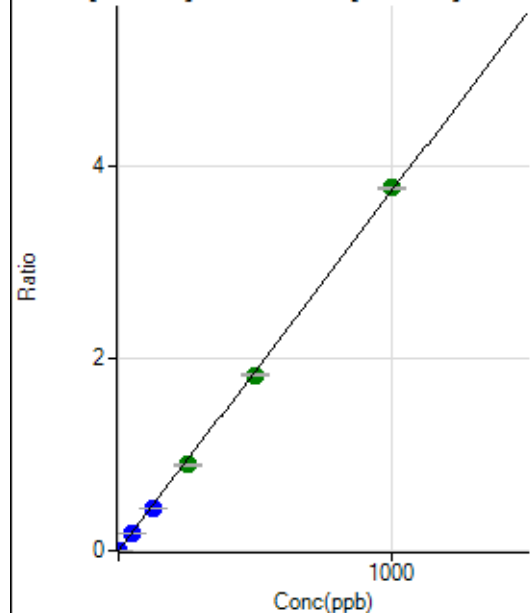
$$y = 0.0038 * x + 1.4656E-004$$

$$R = 0.9999$$

$$DL = 0.005128$$

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	2228.09	0.0002	P	5.3
2	☐	1.000	0.864	47629.75	0.0034	P	0.9
3	☐	50.000	46.104	2453443.46	0.1725	P	1.4
4	☐	125.000	117.278	6063700.35	0.4386	P	1.0
5	☐	250.000	238.925	11844350.44	0.8934	A	1.0
6	☐	500.000	487.652	24127450.54	1.8232	A	1.0
7	☐	1000.000	1010.103	48390398.30	3.7764	A	0.5
8	☐			8333.57	0.0008	P	5.0

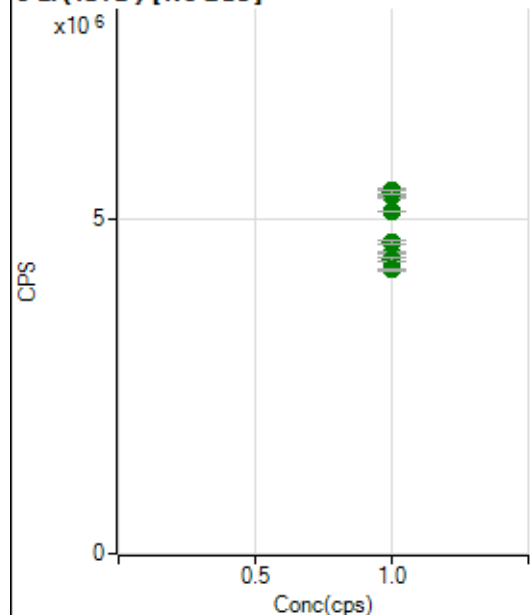
$$y = 0.0037 * x + 1.6168E-004$$

$$R = 0.9998$$

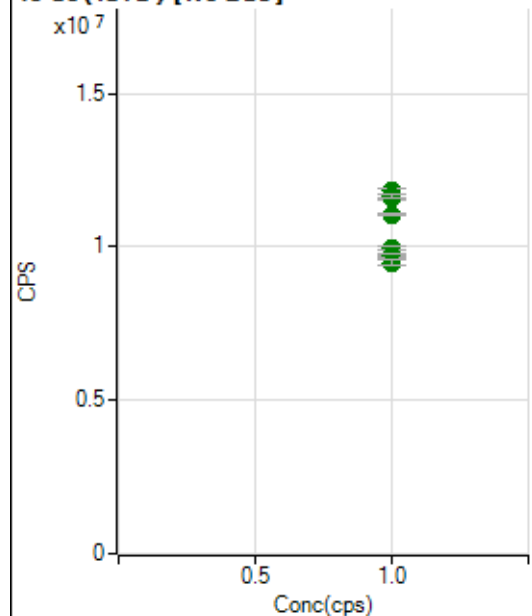
$$DL = 0.006872$$

Weight: <None>

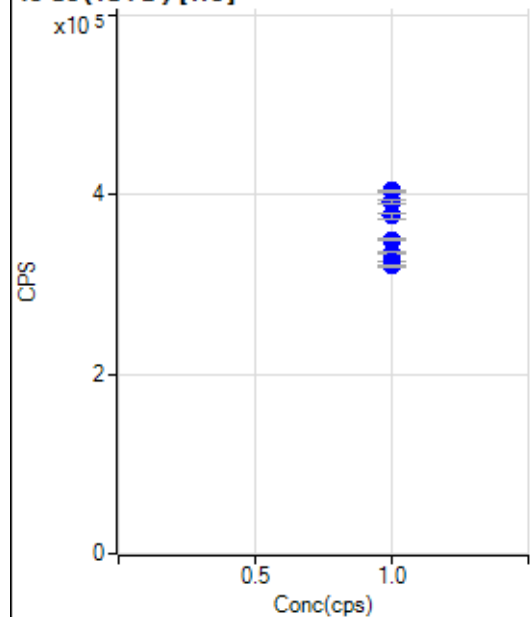
Min Conc: 0

6 Li (ISTD) [No Gas]

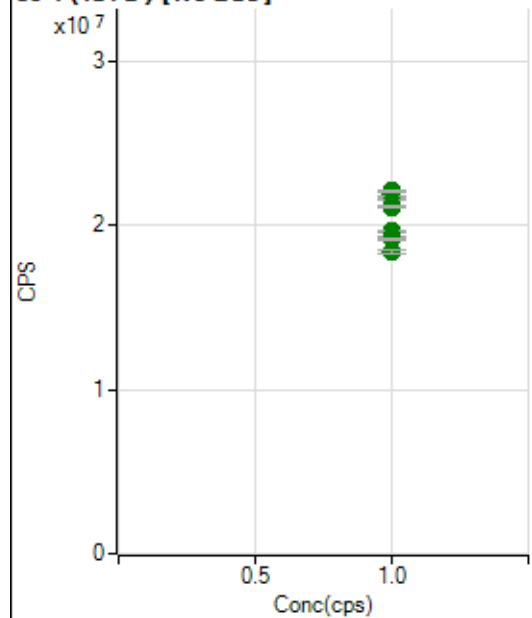
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5330417.42		A	0.4
2	☐	1.000		5417668.95		A	1.2
3	☐	1.000		5409526.73		A	1.0
4	☐	1.000		5119178.47		A	0.2
5	☐	1.000		4657448.20		A	1.3
6	☐	1.000		4489658.20		A	1.0
7	☐	1.000		4392104.31		A	1.2
8	☐	1.000		4240953.58		A	0.9

45 Sc (ISTD) [No Gas]

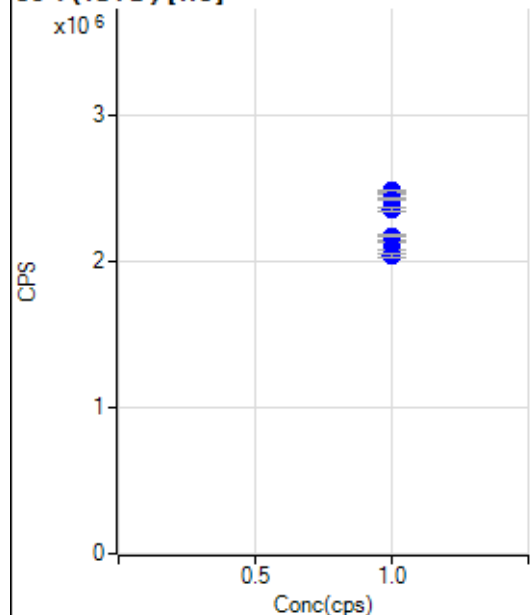
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11577379.86		A	0.4
2	☐	1.000		11818490.72		A	1.4
3	☐	1.000		11665598.70		A	0.9
4	☐	1.000		11036939.13		A	0.5
5	☐	1.000		9963379.74		A	1.3
6	☐	1.000		9739594.49		A	0.4
7	☐	1.000		9698914.71		A	1.2
8	☐	1.000		9478153.77		A	2.0

45 Sc (ISTD) [He]

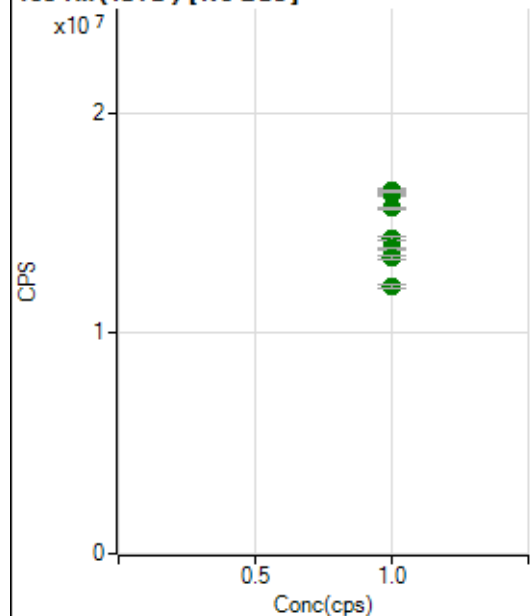
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		403860.73		P	0.4
2	☐	1.000		403957.42		P	0.8
3	☐	1.000		391490.97		P	0.9
4	☐	1.000		376086.82		P	1.8
5	☐	1.000		335024.39		P	0.5
6	☐	1.000		325466.77		P	0.6
7	☐	1.000		320336.51		P	0.4
8	☐	1.000		349788.38		P	0.6

89 Y (ISTD) [No Gas]

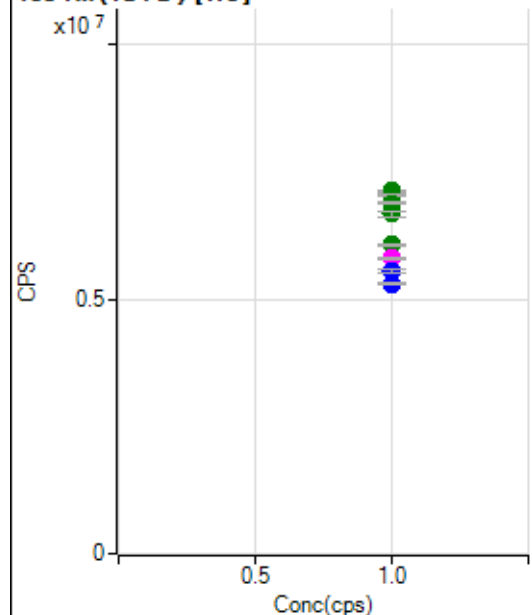
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21582219.40		A	0.4
2	☐	1.000		21955522.17		A	1.0
3	☐	1.000		22111216.06		A	0.7
4	☐	1.000		21136075.66		A	0.5
5	☐	1.000		19652384.57		A	0.7
6	☐	1.000		19310652.35		A	0.6
7	☐	1.000		19190354.02		A	0.7
8	☐	1.000		18420065.28		A	1.1

89 Y(ISTD) [He]

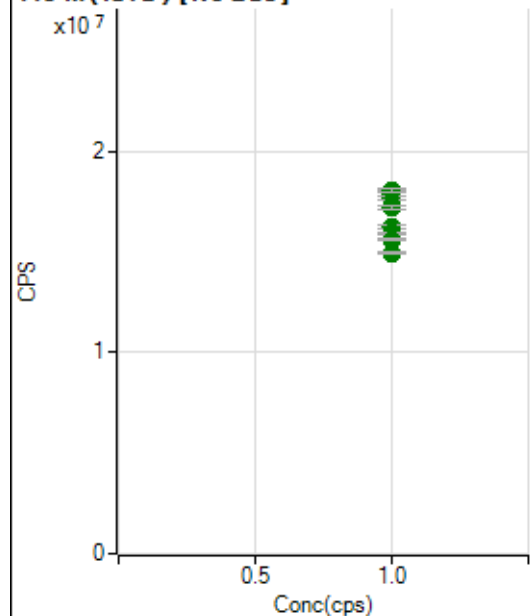
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2463929.25		P	0.5
2	☐	1.000		2477185.56		P	0.7
3	☐	1.000		2418811.99		P	0.7
4	☐	1.000		2350393.78		P	1.6
5	☐	1.000		2129905.38		P	0.8
6	☐	1.000		2073982.05		P	0.6
7	☐	1.000		2038509.38		P	1.1
8	☐	1.000		2169269.81		P	0.8

103 Rh(ISTD) [No Gas]

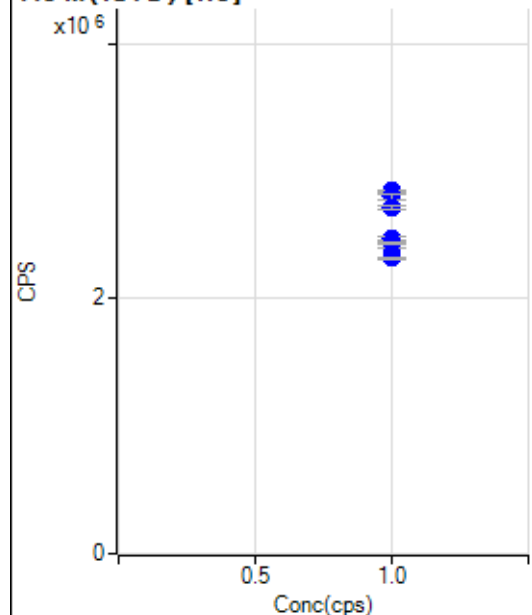
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16293360.26		A	1.0
2	☐	1.000		16442514.60		A	1.8
3	☐	1.000		16458150.02		A	0.6
4	☐	1.000		15673363.54		A	0.5
5	☐	1.000		14290203.45		A	1.1
6	☐	1.000		13829442.50		A	0.5
7	☐	1.000		13453443.53		A	1.0
8	☐	1.000		12099850.18		A	1.6

103 Rh (ISTD) [He]

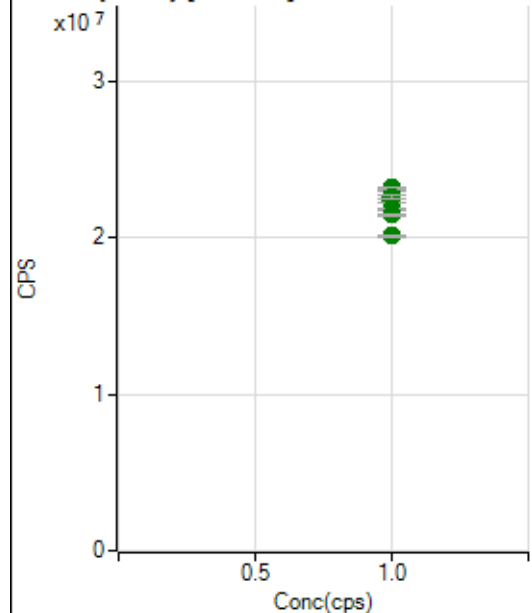
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7121126.21		A	0.6
2	☐	1.000		7039826.49		A	0.9
3	☐	1.000		6885350.45		A	0.9
4	☐	1.000		6667658.72		A	1.8
5	☐	1.000		6061768.87		A	0.7
6	☐	1.000		5799758.87		M	0.8
7	☐	1.000		5551542.35		P	0.9
8	☐	1.000		5292024.47		P	0.5

115 In (ISTD) [No Gas]

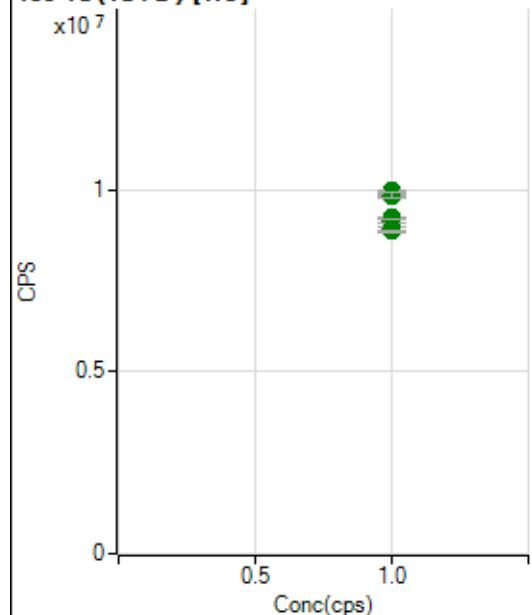
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17728331.66		A	1.1
2	☐	1.000		17921540.78		A	1.6
3	☐	1.000		18035222.51		A	1.1
4	☐	1.000		17229178.27		A	1.2
5	☐	1.000		16253984.86		A	1.2
6	☐	1.000		15929386.77		A	0.6
7	☐	1.000		15623388.37		A	0.3
8	☐	1.000		14958525.81		A	0.9

115 In (ISTD) [He]

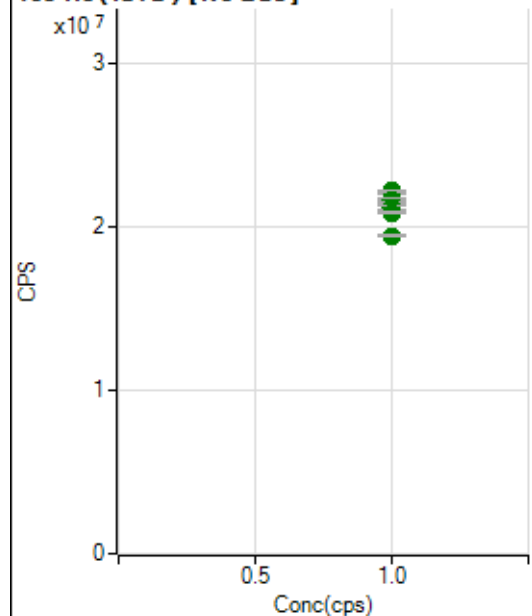
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2839602.48		P	0.5
2	☐	1.000		2843497.14		P	0.6
3	☐	1.000		2796457.60		P	1.3
4	☐	1.000		2713912.86		P	1.5
5	☐	1.000		2468191.96		P	0.9
6	☐	1.000		2397931.26		P	0.2
7	☐	1.000		2318738.89		P	0.8
8	☐	1.000		2435666.07		P	1.0

159 Tb (ISTD) [No Gas]

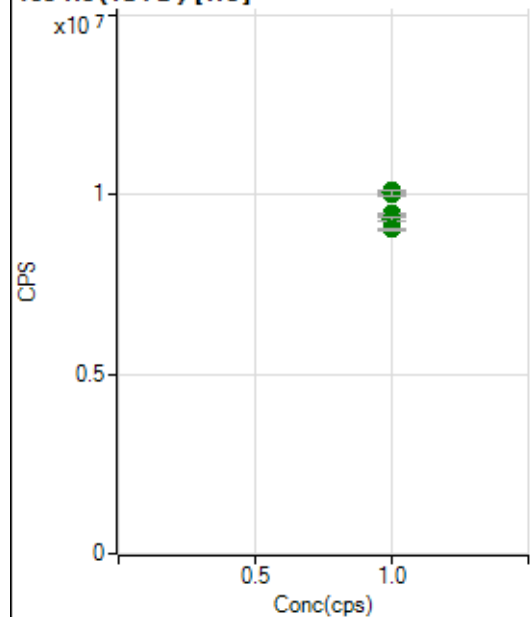
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22390334.11		A	0.9
2	☐	1.000		22755528.83		A	1.7
3	☐	1.000		23216651.32		A	0.9
4	☐	1.000		22642351.88		A	1.0
5	☐	1.000		21800049.40		A	0.6
6	☐	1.000		21824485.51		A	0.5
7	☐	1.000		21510521.35		A	0.8
8	☐	1.000		20134061.92		A	0.3

159 Tb (ISTD) [He]

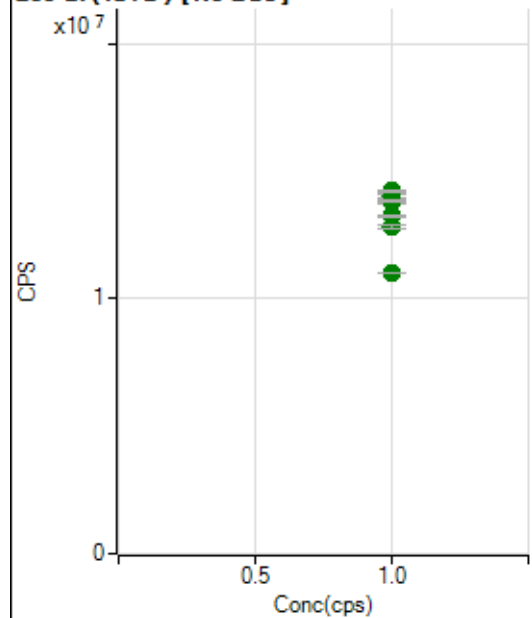
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9971414.85		A	0.4
2	☐	1.000		9958331.93		A	1.1
3	☐	1.000		9910619.64		A	1.9
4	☐	1.000		9855204.37		A	1.8
5	☐	1.000		9238299.72		A	0.5
6	☐	1.000		9151224.10		A	0.8
7	☐	1.000		8938211.67		A	0.9
8	☐	1.000		8867533.06		A	0.4

165 Ho (ISTD) [No Gas]

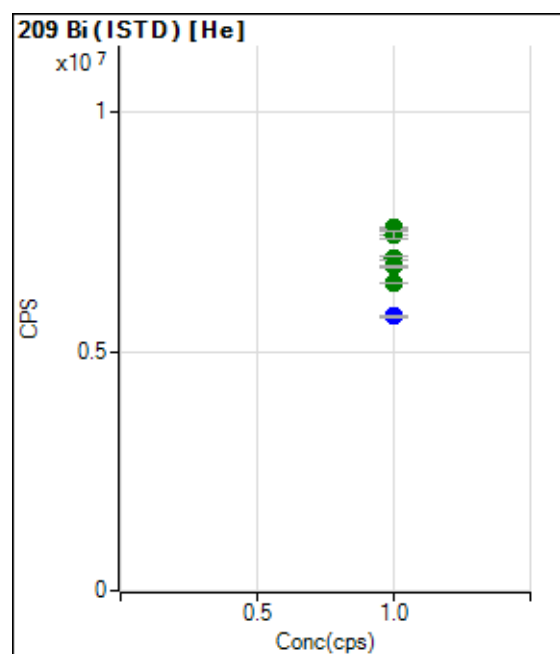
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21593192.50		A	1.0
2	☐	1.000		21822094.59		A	1.5
3	☐	1.000		22237451.02		A	0.6
4	☐	1.000		21690210.21		A	0.9
5	☐	1.000		20980944.74		A	0.6
6	☐	1.000		21216518.53		A	0.8
7	☐	1.000		20897775.99		A	0.4
8	☐	1.000		19491154.60		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10100520.96		A	0.5
2	☐	1.000		10035730.48		A	0.5
3	☐	1.000		10067103.81		A	1.5
4	☐	1.000		10041174.43		A	1.8
5	☐	1.000		9463564.37		A	0.5
6	☐	1.000		9312315.42		A	0.6
7	☐	1.000		9035261.74		A	0.4
8	☐	1.000		9033415.28		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13777438.55		A	0.8
2	☐	1.000		14051196.32		A	1.1
3	☐	1.000		14221739.09		A	0.8
4	☐	1.000		13825007.43		A	0.6
5	☐	1.000		13258350.64		A	0.5
6	☐	1.000		13234027.58		A	0.7
7	☐	1.000		12814097.45		A	1.0
8	☐	1.000		11006432.89		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7590970.03		A	0.2
2	☐	1.000		7586751.21		A	0.9
3	☐	1.000		7511594.61		A	1.4
4	☐	1.000		7438293.43		A	2.5
5	☐	1.000		6965543.85		A	0.9
6	☐	1.000		6786420.94		A	0.7
7	☐	1.000		6426301.02		A	0.1
8	☐	1.000		5741016.79		P	0.3