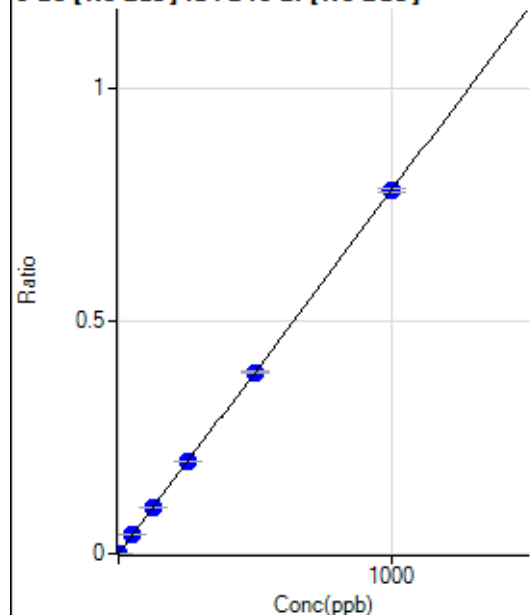


Batch Folder: D:\ICP-MS Data\P7052519-MS.b\
Analysis File: P7052519-MS.batch.bin
DA Date-Time: 2019-05-25 14:08:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-25 13:38:54
2			
3	005CALS.d	S02	2019-05-25 13:47:06
4	006CALS.d	S03	2019-05-25 13:51:03
5	007CALS.d	S04	2019-05-25 13:55:14
6	008CALS.d	S05	2019-05-25 13:59:05
7	011CALS.d	S06	2019-05-25 14:11:21
8	012CALS.d	S07	2019-05-25 14:15:07
9	013CALS.d	S08	2019-05-25 14:18:52

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.45	0.0000	P	32.7
2	☐	0.100					
3	☐	1.000	0.916	2262.43	0.0007	P	1.6
4	☐	50.000	54.335	122876.32	0.0424	P	3.0
5	☐	125.000	129.149	296661.09	0.1008	P	0.1
6	☐	250.000	254.690	566695.84	0.1987	P	0.4
7	☐	500.000	499.604	1083877.95	0.3897	P	0.3
8	☐	1000.000	998.290	2162864.86	0.7786	P	1.0
9	☐			580.02	0.0002	P	6.1

$$y = 7.7990\text{E-}004 * x + 2.8287\text{E-}005$$

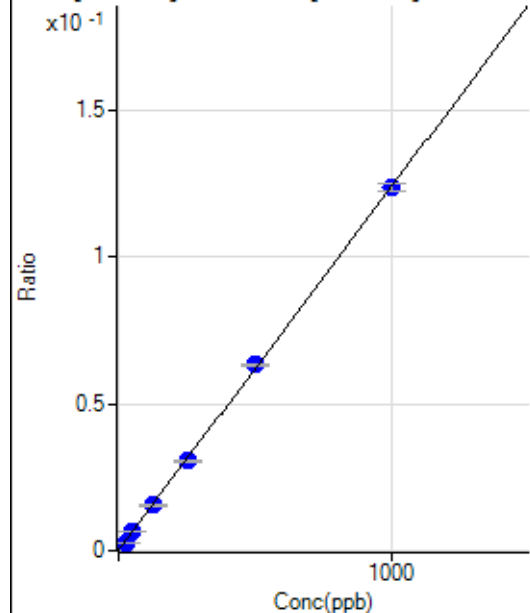
$$R = 1.0000$$

$$DL = 0.03556$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.26	0.0002	P	11.1
2	☐	2.500					
3	☐	25.000	20.965	8480.46	0.0028	P	2.1
4	☐	50.000	52.934	19549.48	0.0067	P	3.4
5	☐	125.000	123.535	45558.49	0.0155	P	2.3
6	☐	250.000	245.356	87125.47	0.0305	P	1.1
7	☐	500.000	509.075	175706.19	0.0632	P	1.6
8	☐	1000.000	996.761	343042.38	0.1235	P	2.2
9	☐			13748.49	0.0052	P	6.7

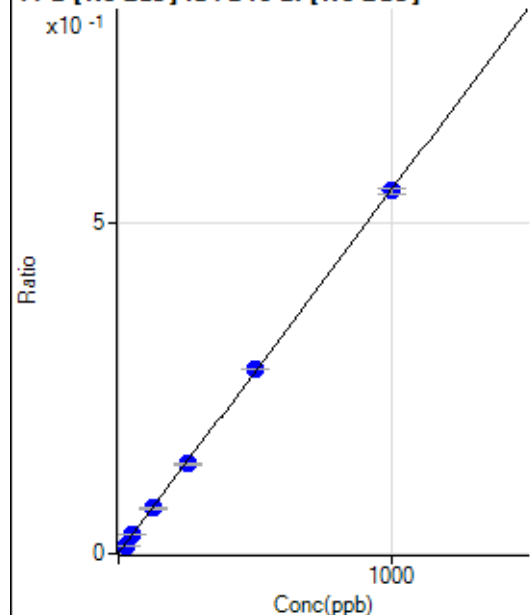
$$y = 1.2371\text{E-}004 * x + 1.9129\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.514$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2172.47	0.0007	P	6.4
2	☐	2.500					
3	☐	25.000	21.759	38580.94	0.0127	P	3.0
4	☐	50.000	51.620	84223.93	0.0291	P	1.9
5	☐	125.000	123.813	202230.45	0.0687	P	1.8
6	☐	250.000	246.073	387336.03	0.1358	P	1.0
7	☐	500.000	507.376	776643.80	0.2792	P	0.4
8	☐	1000.000	997.442	1522725.09	0.5482	P	1.9
9	☐			60084.32	0.0226	P	7.4

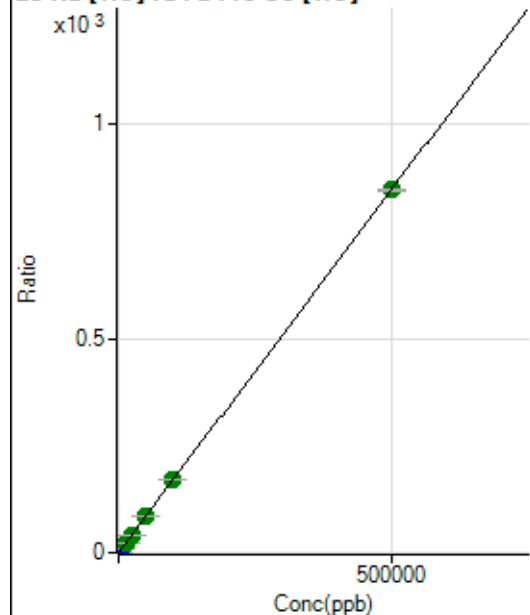
$$y = 5.4888\text{E-}004 * x + 7.2678\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2551$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6237.65	0.0219	P	1.8
2	☐	50.000					
3	☐	500.000	433.291	223089.77	0.7553	P	5.8
4	☐	5000.000	5010.059	2412248.06	8.5020	P	0.7
5	☐	12500.000	12359.500	5696702.51	20.9419	A	0.5
6	☐	25000.000	24941.353	10766242.43	42.2384	A	0.3
7	☐	50000.000	49521.981	21502338.15	83.8443	A	0.2
8	☐	100000.00	101052.59	43804293.34	171.0665	A	0.7
9	☐	500000.00	499843.69	233626255.2	846.0724	A	0.6

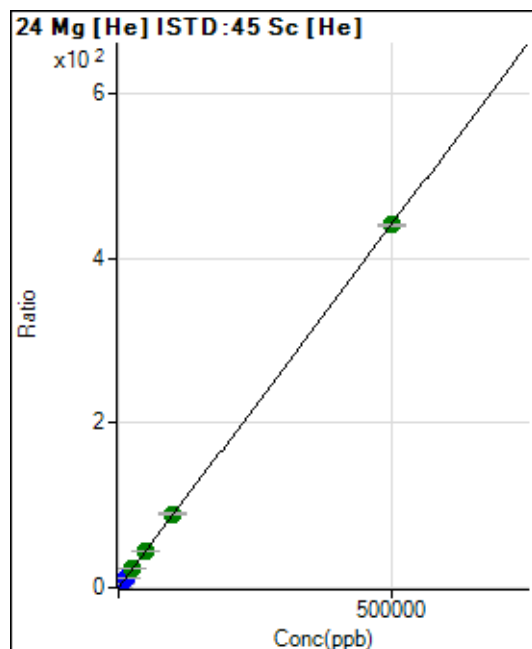
$$y = 0.0017 * x + 0.0219$$

$$R = 1.0000$$

$$DL = 0.7144$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0007	P	20.1
2	☐	50.000					
3	☐	500.000	461.854	120683.37	0.4085	P	5.4
4	☐	5000.000	5108.594	1279944.50	4.5113	P	1.0
5	☐	12500.000	12602.587	3027068.06	11.1279	P	0.4
6	☐	25000.000	25322.481	5699081.51	22.3587	A	0.4
7	☐	50000.000	50280.030	11385188.53	44.3944	A	0.0
8	☐	100000.00	101797.56	23014612.14	89.8807	A	1.0
9	☐	500000.00	499592.74	121804079.1	441.1054	A	0.5

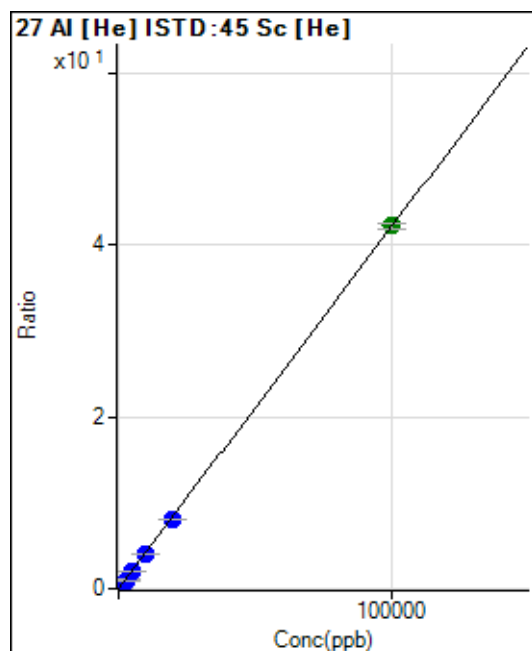
$$y = 8.8293\text{E-}004 * x + 7.2953\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4974$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0001	P	50.0
2	☐	2.000					
3	☐	20.000	18.252	2286.38	0.0078	P	11.2
4	☐	1000.000	969.003	115731.68	0.4079	P	1.0
5	☐	2500.000	2387.887	273415.01	1.0051	P	0.7
6	☐	5000.000	4773.630	512142.35	2.0092	P	0.1
7	☐	10000.000	9446.621	1019675.22	3.9760	P	0.3
8	☐	20000.000	19079.996	2056350.31	8.0306	P	0.7
9	☐	100000.00	100253.77	11651402.00	42.1957	A	1.3

$$y = 4.2089\text{E-}004 * x + 6.8405\text{E-}005$$

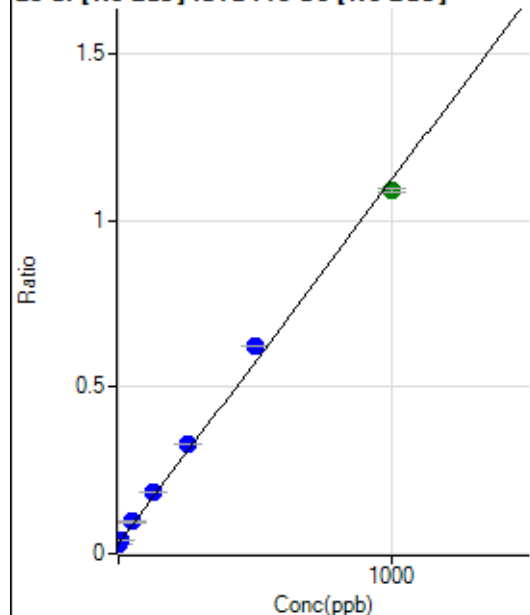
$$R = 0.9999$$

$$DL = 0.244$$

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	175710.10	0.0308	P	1.1
2	☐	1.000					
3	☐	10.000	9.951	240613.27	0.0417	P	0.4
4	☐	50.000	61.239	533070.59	0.0977	P	4.9
5	☐	125.000	139.692	1025681.06	0.1833	P	0.7
6	☐	250.000	274.398	1763118.92	0.3304	P	0.6
7	☐	500.000	542.278	3293888.27	0.6230	P	0.4
8	☐	1000.000	970.364	5784348.35	1.0904	A	1.2
9	☐			464145.54	0.0882	P	0.6

$$y = 0.0011 * x + 0.0308$$

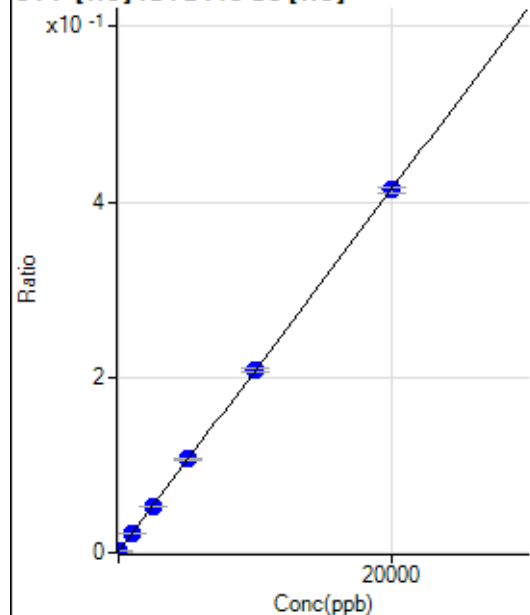
$$R = 0.9983$$

$$DL = 0.9545$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-21.851	219.46	0.0008	P	21.9
2	☐	0.000					
3	☐	0.000	21.851	494.47	0.0017	P	13.8
4	☐	1000.000	1003.452	6229.33	0.0220	P	3.2
5	☐	2500.000	2489.875	14324.14	0.0527	P	1.5
6	☐	5000.000	5095.345	27142.25	0.1065	P	0.6
7	☐	10000.000	10020.186	53405.09	0.2082	P	2.2
8	☐	20000.000	19967.164	105941.17	0.4137	P	1.4
9	☐			225.01	0.0008	P	28.7

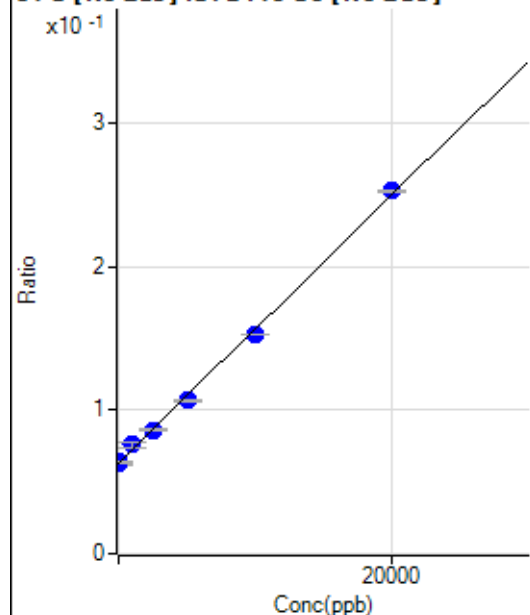
$$y = 2.0659E-005 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 29.03$$

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	-83.952	356783.61	0.0625	P	0.7
2	☐	0.000					
3	☐	0.000	83.952	370204.51	0.0641	P	1.6
4	☐	1000.000	1389.795	416515.38	0.0763	P	5.1
5	☐	2500.000	2471.833	483584.76	0.0864	P	0.3
6	☐	5000.000	4635.231	569136.54	0.1067	P	0.6
7	☐	10000.000	9556.436	807254.99	0.1527	P	0.5
8	☐	20000.000	20297.005	1342605.92	0.2531	P	0.6
9	☐			303094.27	0.0576	P	1.2

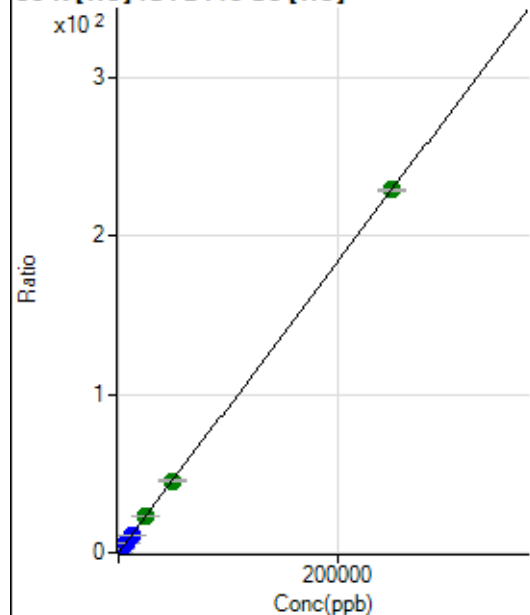
$$y = 9.3491\text{E-}006 * x + 0.0633$$

$$R = 0.9991$$

$$DL = 239.3$$

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	18420.50	0.0646	P	3.2
2	☐	50.000					
3	☐	500.000	431.011	135682.35	0.4593	P	5.4
4	☐	2500.000	2529.927	675649.10	2.3814	P	0.9
5	☐	6250.000	6153.361	1550397.29	5.6995	P	0.2
6	☐	12500.000	12405.223	2912070.33	11.4247	P	0.3
7	☐	25000.000	24500.402	5770513.37	22.5009	A	0.2
8	☐	50000.000	49574.260	11641291.93	45.4623	A	0.8
9	☐	250000.00	250142.10	63272292.39	229.1323	A	0.8

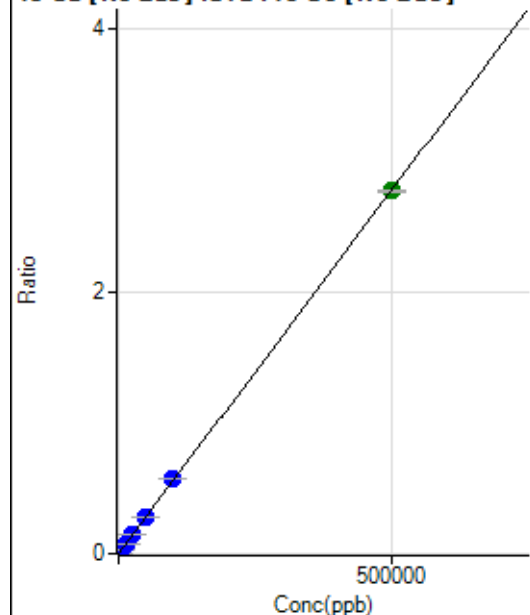
$$y = 9.1575\text{E-}004 * x + 0.0646$$

$$R = 1.0000$$

$$DL = 6.785$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	15.8
2	☐	50.000					
3	☐	500.000	464.251	14941.43	0.0026	P	0.1
4	☐	5000.000	5381.890	162697.38	0.0298	P	4.9
5	☐	12500.000	12840.049	397758.06	0.0711	P	0.2
6	☐	25000.000	25537.556	754416.18	0.1414	P	0.9
7	☐	50000.000	50681.561	1483593.73	0.2806	P	0.3
8	☐	100000.00	102753.95	3017720.92	0.5689	P	0.7
9	☐	500000.00	499341.89	14548294.07	2.7644	A	0.2

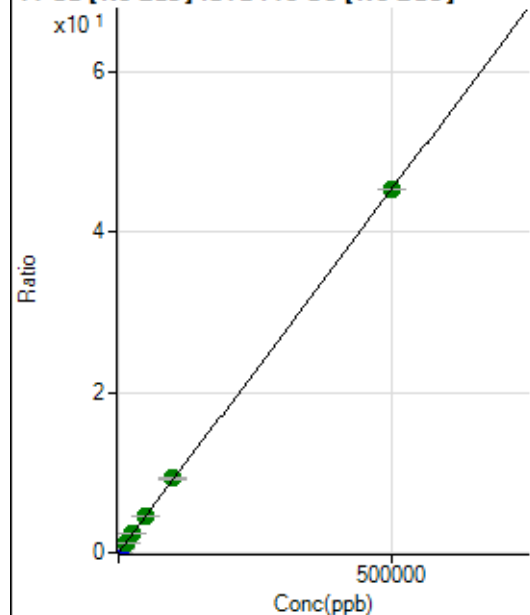
$$y = 5.5360\text{E-}006 * x + 1.7516\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.503$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8447.42	0.0015	P	1.9
2	☐	50.000					
3	☐	500.000	459.597	249023.54	0.0431	P	0.2
4	☐	5000.000	5361.576	2659537.32	0.4873	P	4.9
5	☐	12500.000	12653.832	6422857.09	1.1481	A	0.1
6	☐	25000.000	25238.203	12210060.60	2.2884	A	0.5
7	☐	50000.000	50085.433	24004207.65	4.5399	A	0.3
8	☐	100000.00	102018.34	49047464.64	9.2457	A	0.6
9	☐	500000.00	499568.45	238241180.3	45.2692	A	0.2

$$y = 9.0614\text{E-}005 * x + 0.0015$$

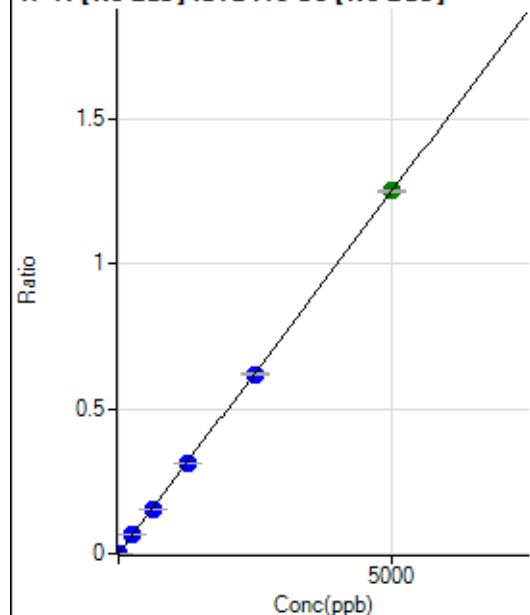
$$R = 1.0000$$

$$DL = 0.9296$$

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	91.67	0.0000	P	48.8
2	☐	0.500					
3	☐	5.000	4.555	6657.32	0.0012	P	5.8
4	☐	250.000	262.653	357876.41	0.0656	P	5.1
5	☐	625.000	623.453	870723.05	0.1556	P	0.1
6	☐	1250.000	1246.312	1660054.92	0.3111	P	0.4
7	☐	2500.000	2479.658	3272858.91	0.6190	P	0.3
8	☐	5000.000	5010.654	6635084.74	1.2508	A	0.8
9	☐			2972.63	0.0006	P	4.7

$$y = 2.4962E-004 * x + 1.6106E-005$$

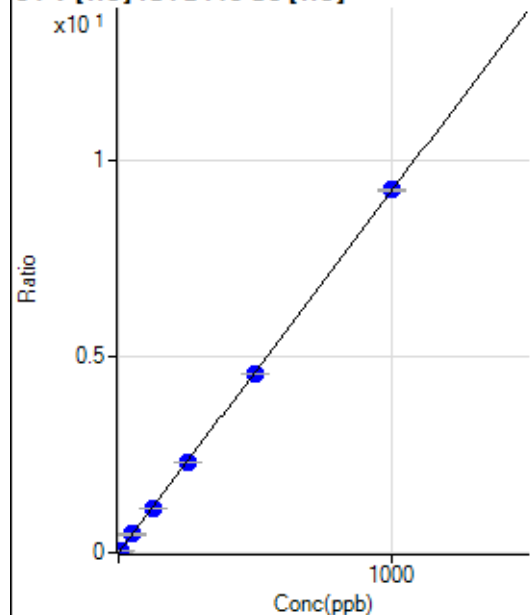
$$R = 1.0000$$

$$DL = 0.09437$$

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	5.56	0.0000	P	91.3
2	☐	0.500					
3	☐	5.000	4.553	12384.24	0.0419	P	6.2
4	☐	50.000	50.617	132220.13	0.4660	P	0.9
5	☐	125.000	124.205	311060.90	1.1435	P	0.5
6	☐	250.000	248.749	583742.67	2.2901	P	0.4
7	☐	500.000	493.956	1166268.29	4.5477	P	0.2
8	☐	1000.000	1003.405	2365497.50	9.2380	P	0.8
9	☐			457.79	0.0017	P	7.4

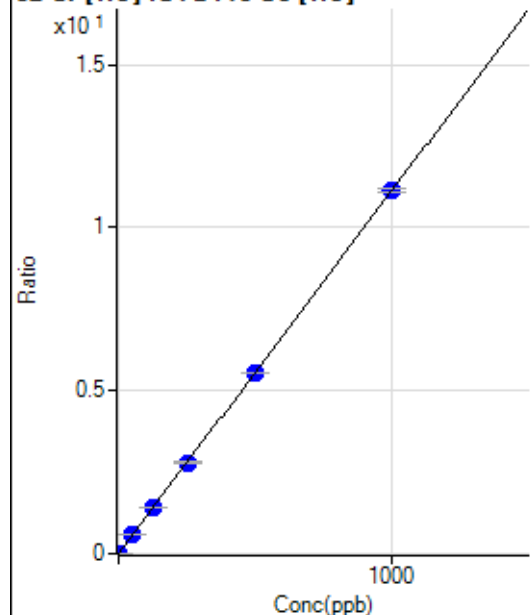
$$y = 0.0092 * x + 1.9372E-005$$

$$R = 1.0000$$

$$DL = 0.005764$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.14	0.0025	P	5.2
2	☐	0.200					
3	☐	2.000	1.777	6582.67	0.0223	P	1.8
4	☐	50.000	51.549	163358.26	0.5758	P	1.5
5	☐	125.000	125.740	381059.70	1.4009	P	0.8
6	☐	250.000	251.485	713524.75	2.7993	P	0.2
7	☐	500.000	497.949	1420812.20	5.5403	P	0.4
8	☐	1000.000	1000.485	2849759.40	11.1291	P	0.9
9	☐			6671.61	0.0242	P	1.5

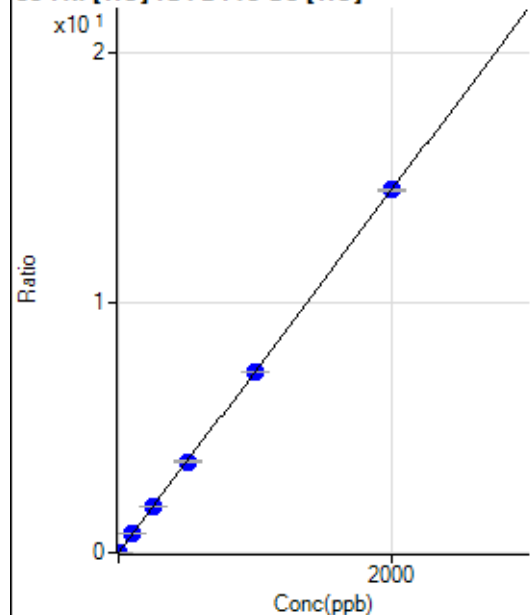
$$y = 0.0111 * x + 0.0025$$

$$R = 1.0000$$

$$DL = 0.03516$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0001	P	42.8
2	☐	0.100					
3	☐	1.000	0.906	1986.83	0.0067	P	6.2
4	☐	100.000	102.094	210306.61	0.7412	P	0.5
5	☐	250.000	251.823	497276.83	1.8281	P	0.6
6	☐	500.000	502.872	930469.41	3.6505	P	0.5
7	☐	1000.000	996.830	1855714.37	7.2361	P	0.2
8	☐	2000.000	2000.534	3718515.95	14.5219	P	0.8
9	☐			8822.78	0.0319	P	4.3

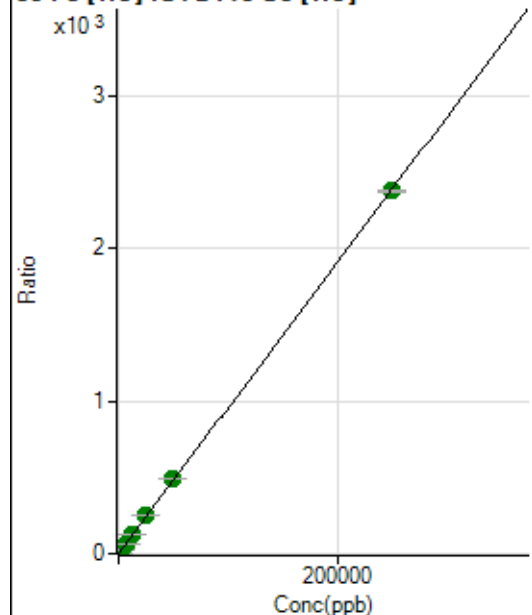
$$y = 0.0073 * x + 1.3996E-004$$

$$R = 1.0000$$

$$DL = 0.02477$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3569.06	0.0125	P	4.2
2	☐	5.000					
3	☐	50.000	48.354	139633.40	0.4727	P	5.3
4	☐	2500.000	2645.519	7146363.93	25.1879	A	0.6
5	☐	6250.000	6534.236	16917866.35	62.1937	A	0.6
6	☐	12500.000	13082.925	31737434.50	124.5125	A	0.2
7	☐	25000.000	25924.874	63272107.43	246.7193	A	0.4
8	☐	50000.000	51922.838	126526413.9	494.1216	A	0.8
9	☐	250000.00	249485.23	655577977.6	2,374.168	A	0.4

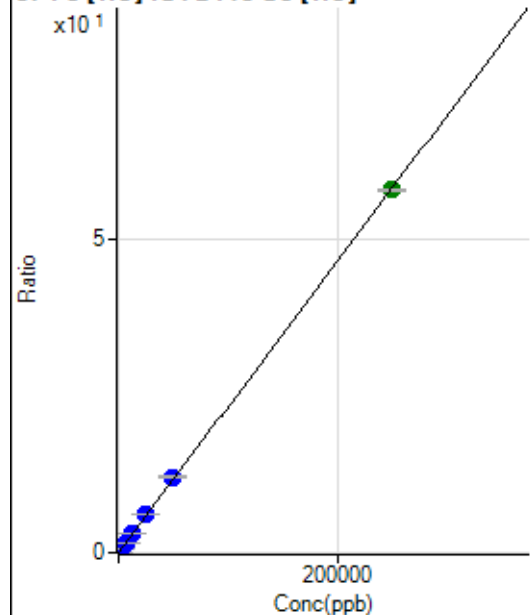
$$y = 0.0095 * x + 0.0125$$

$$R = 1.0000$$

$$DL = 0.167$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0004	P	19.9
2	☐	5.000					
3	☐	50.000	51.167	3652.41	0.0123	P	1.9
4	☐	2500.000	2674.041	176577.03	0.6224	P	0.8
5	☐	6250.000	6591.664	417141.56	1.5335	P	0.1
6	☐	12500.000	13129.827	778468.14	3.0541	P	0.5
7	☐	25000.000	25971.504	1549152.81	6.0407	P	0.6
8	☐	50000.000	52210.228	3109387.34	12.1431	P	0.9
9	☐	250000.00	249419.03	16018117.49	58.0085	A	0.6

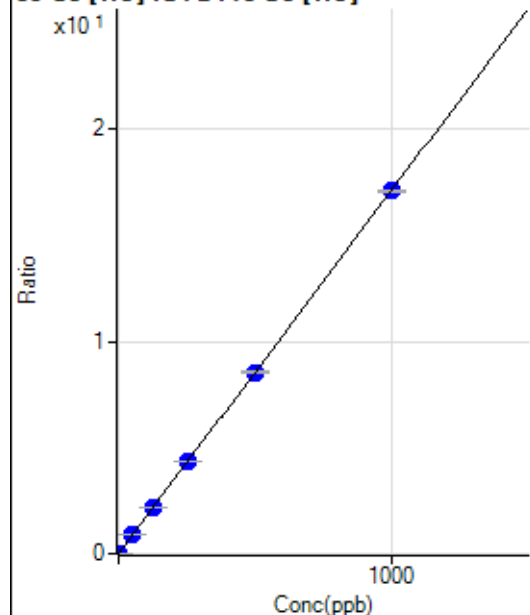
$$y = 2.3257E-004 * x + 4.4866E-004$$

$$R = 1.0000$$

$$DL = 1.149$$

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	92.22	0.0003	P	24.1
2	☐	0.100					
3	☐	1.000	0.876	4535.22	0.0153	P	2.1
4	☐	50.000	52.206	253644.45	0.8940	P	1.0
5	☐	125.000	128.048	596343.00	2.1923	P	0.4
6	☐	250.000	253.550	1106391.23	4.3407	P	0.5
7	☐	500.000	499.847	2194388.46	8.5568	P	0.8
8	☐	1000.000	998.698	4377740.11	17.0963	P	0.7
9	☐			52616.23	0.1906	P	1.6

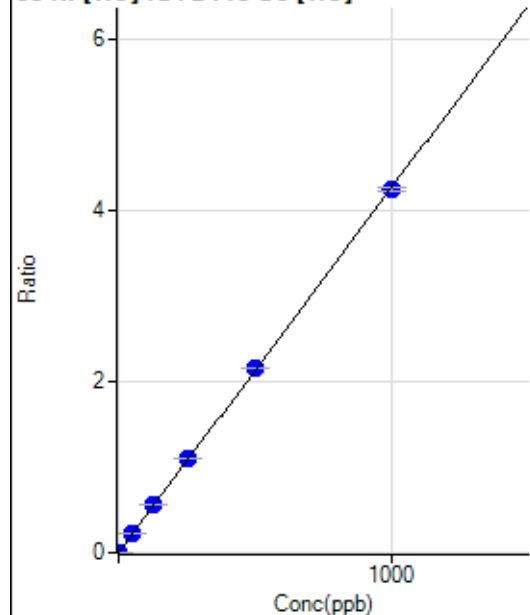
$$y = 0.0171 * x + 3.2335E-004$$

$$R = 1.0000$$

$$DL = 0.01366$$

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	135.56	0.0005	P	13.6
2	☐	0.100					
3	☐	1.000	0.950	1336.75	0.0045	P	8.1
4	☐	50.000	53.644	65064.74	0.2293	P	0.8
5	☐	125.000	130.114	151120.54	0.5556	P	0.6
6	☐	250.000	257.817	280473.45	1.1003	P	0.2
7	☐	500.000	505.667	553349.07	2.1577	P	0.6
8	☐	1000.000	994.391	1086379.59	4.2426	P	1.0
9	☐			10585.10	0.0383	P	1.7

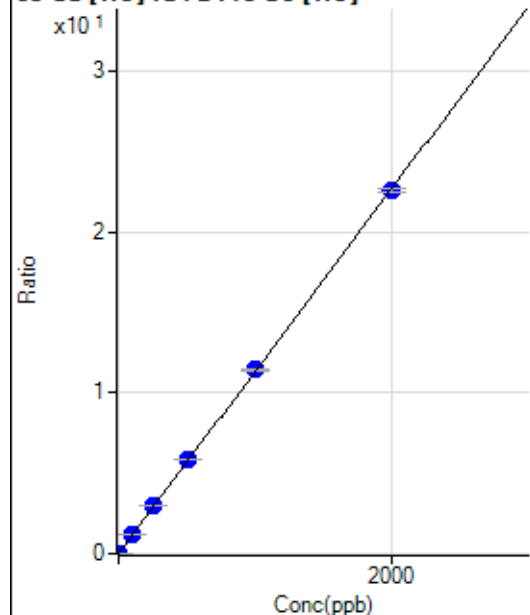
$$y = 0.0043 * x + 4.7577E-004$$

$$R = 0.9999$$

$$DL = 0.0455$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.80	0.0019	P	6.6
2	☐	0.200					
3	☐	2.000	1.814	6617.14	0.0224	P	4.7
4	☐	100.000	106.552	342915.72	1.2087	P	1.2
5	☐	250.000	261.684	806729.75	2.9657	P	0.3
6	☐	500.000	517.481	1494402.10	5.8629	P	0.4
7	☐	1000.000	1007.911	2928074.02	11.4175	P	0.3
8	☐	2000.000	1989.887	5771346.86	22.5393	P	1.1
9	☐			4348.50	0.0158	P	3.6

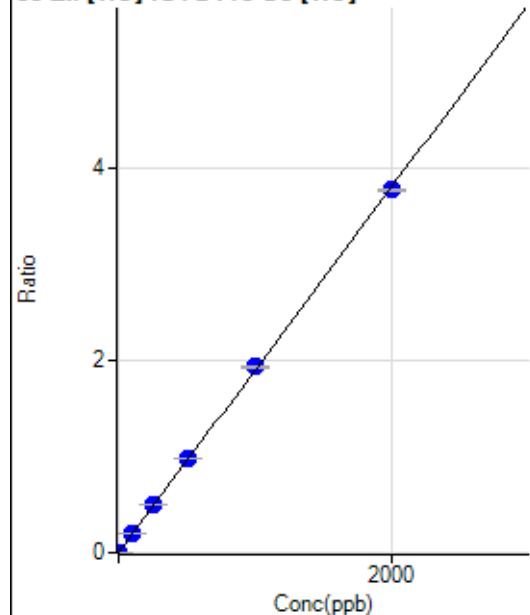
$$y = 0.0113 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 0.0326$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0011	P	6.5
2	☐	0.200					
3	☐	2.000	1.935	1416.76	0.0048	P	6.8
4	☐	100.000	106.124	57560.82	0.2029	P	0.5
5	☐	250.000	263.136	136386.22	0.5014	P	0.3
6	☐	500.000	518.886	251734.89	0.9876	P	0.4
7	☐	1000.000	1015.588	495448.18	1.9319	P	0.3
8	☐	2000.000	1985.537	966893.07	3.7760	P	0.7
9	☐			6538.23	0.0237	P	1.2

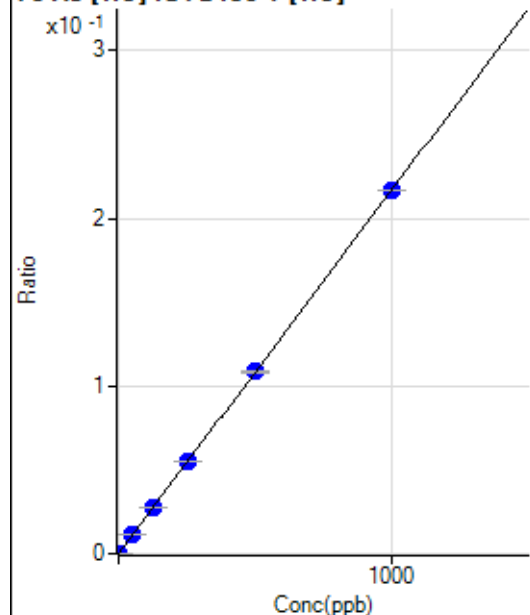
$$y = 0.0019 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.1141$$

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	6.79	0.0000	P	15.4
2	☐	0.100					
3	☐	1.000	0.879	317.29	0.0002	P	6.6
4	☐	50.000	52.082	17949.42	0.0113	P	0.4
5	☐	125.000	127.519	42146.01	0.0276	P	1.1
6	☐	250.000	251.615	78603.91	0.0545	P	0.1
7	☐	500.000	501.308	157989.37	0.1086	P	0.6
8	☐	1000.000	998.524	312782.56	0.2162	P	0.1
9	☐			433.34	0.0003	P	3.5

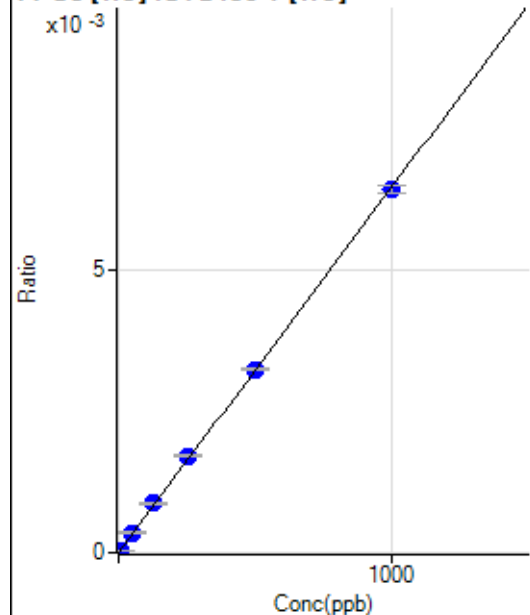
$$y = 2.1656\text{E-}004 * x + 4.2989\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.009187$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.352	56.67	0.0000	P	40.6
4	☐	50.000	53.899	553.36	0.0003	P	7.4
5	☐	125.000	134.919	1328.97	0.0009	P	2.0
6	☐	250.000	265.435	2471.37	0.0017	P	3.6
7	☐	500.000	502.564	4720.84	0.0032	P	0.4
8	☐	1000.000	993.423	9275.32	0.0064	P	2.0
9	☐			2.22	0.0000	P	86.6

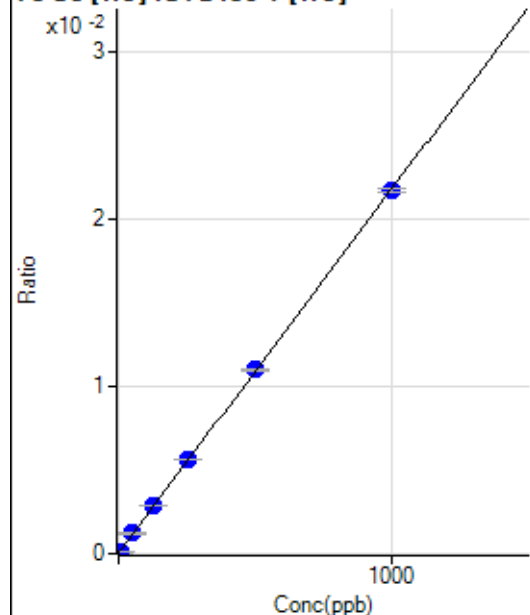
$$y = 6.4552\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

$$DL = 0$$

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	59.88	0.0000	P	12.7
2	☐	0.500					
3	☐	5.000	4.678	227.78	0.0001	P	8.7
4	☐	50.000	54.146	1931.63	0.0012	P	7.1
5	☐	125.000	130.436	4382.80	0.0029	P	2.5
6	☐	250.000	256.426	8092.44	0.0056	P	1.1
7	☐	500.000	503.428	15974.91	0.0110	P	1.5
8	☐	1000.000	995.794	31353.58	0.0217	P	1.1
9	☐			64.20	0.0000	P	6.1

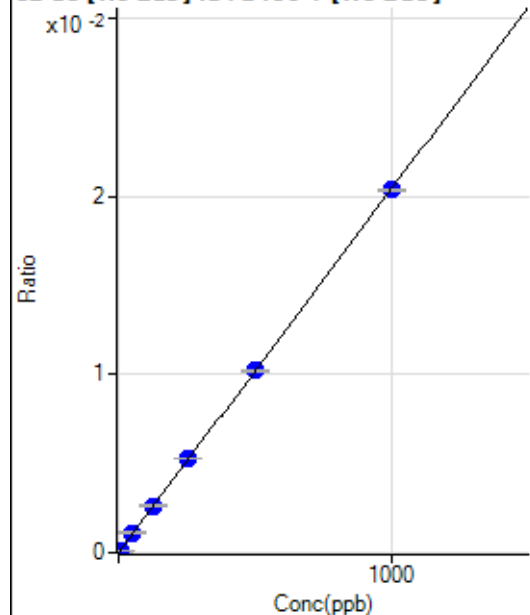
$$y = 2.1731\text{E-}005 * x + 3.7907\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.6629$$

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	60.53	0.0000	P	55.6
2	☐	0.500					
3	☐	5.000	4.654	937.63	0.0001	P	7.3
4	☐	50.000	54.740	9912.47	0.0011	P	5.1
5	☐	125.000	128.954	24038.18	0.0026	P	0.5
6	☐	250.000	258.235	46016.11	0.0053	P	0.7
7	☐	500.000	499.679	89277.63	0.0102	P	0.2
8	☐	1000.000	997.372	177218.23	0.0204	P	0.3
9	☐			87.45	0.0000	P	56.2

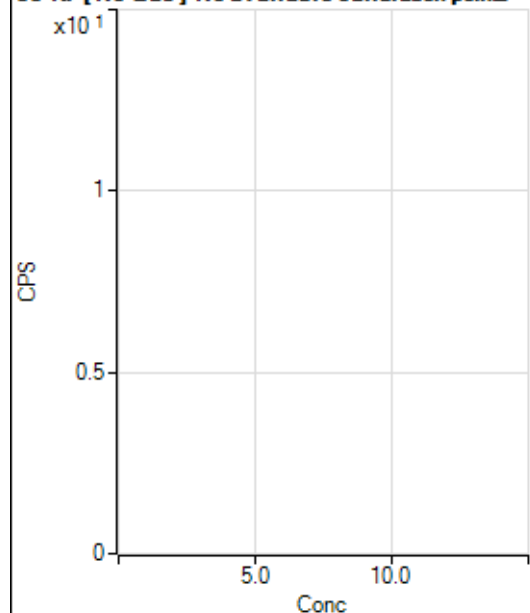
$$y = 2.0416\text{E-}005 * x + 6.6374\text{E-}006$$

$$R = 1.0000$$

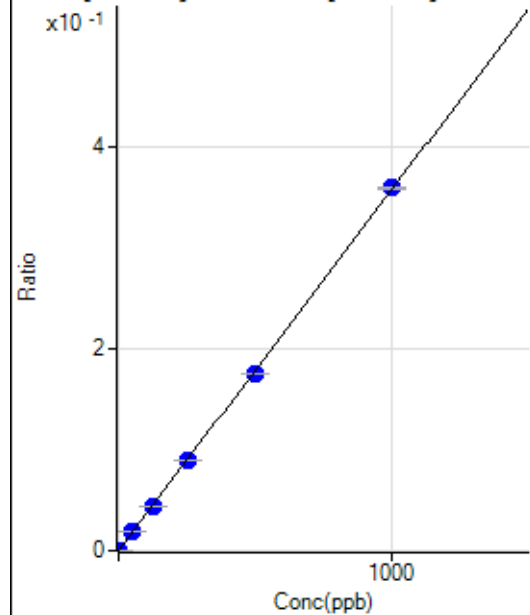
$$DL = 0.5418$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			330.01		P	20.3
2	☐						
3	☐			412.23		P	7.1
4	☐			401.12		P	2.1
5	☐			358.90		P	4.4
6	☐			307.79		P	1.7
7	☐			311.12		P	10.3
8	☐			314.45		P	5.4
9	☐			394.46		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	611.15	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	0.833	3367.20	0.0004	P	4.0
4	☐	50.000	52.144	165192.80	0.0187	P	4.7
5	☐	125.000	122.905	401317.80	0.0441	P	0.6
6	☐	250.000	248.076	774732.93	0.0889	P	0.3
7	☐	500.000	490.764	1537028.83	0.1757	P	0.3
8	☐	1000.000	1005.254	3131364.04	0.3599	P	0.5
9	☐			12750.60	0.0015	P	0.7

$$y = 3.5797E-004 * x + 6.6936E-005$$

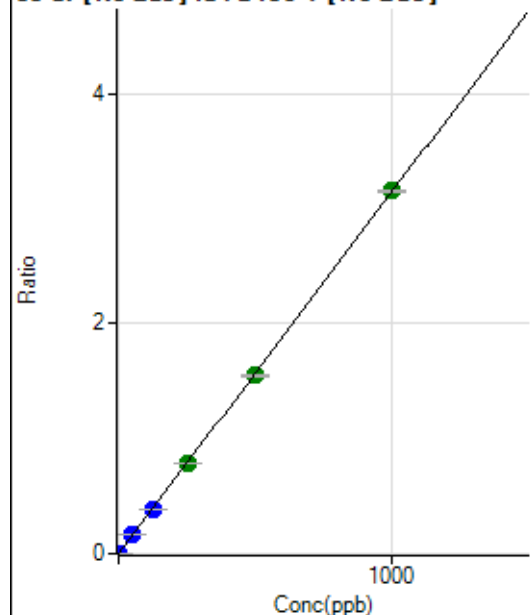
$$R = 0.9999$$

$$DL = 0.08819$$

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	69.45	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.889	25824.13	0.0028	P	2.1
4	☐	50.000	52.209	1445581.78	0.1639	P	5.0
5	☐	125.000	124.039	3547362.45	0.3895	P	0.6
6	☐	250.000	248.645	6806188.35	0.7807	A	0.4
7	☐	500.000	492.589	13527420.96	1.5467	A	0.5
8	☐	1000.000	1004.054	27429274.57	3.1527	A	0.7
9	☐			109353.97	0.0128	P	2.2

$$y = 0.0031 * x + 7.5943E-006$$

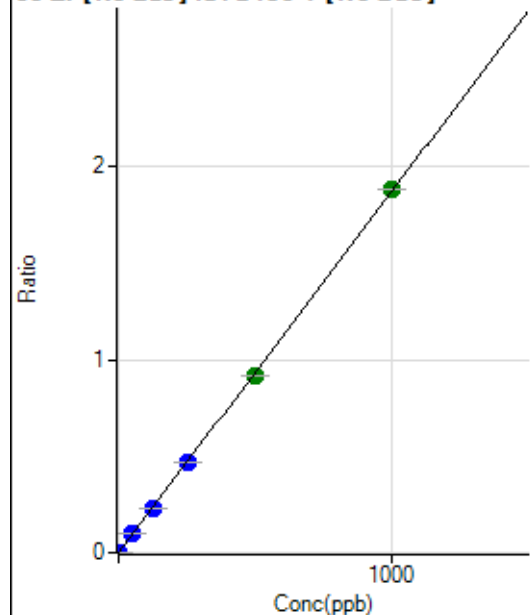
$$R = 1.0000$$

$$DL = 0.001787$$

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	641.71	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	0.870	15656.29	0.0017	P	1.4
4	☐	50.000	51.843	855260.48	0.0970	P	4.4
5	☐	125.000	123.665	2106035.57	0.2312	P	0.4
6	☐	250.000	248.484	4049885.72	0.4646	P	0.3
7	☐	500.000	490.696	8022845.49	0.9173	A	0.4
8	☐	1000.000	1005.106	16347863.04	1.8789	A	0.2
9	☐			5904.24	0.0007	P	5.8

$$y = 0.0019 * x + 7.0234E-005$$

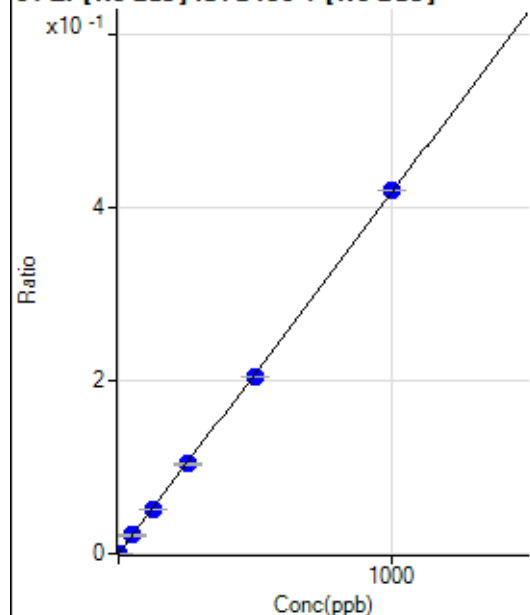
$$R = 0.9999$$

$$DL = 0.001095$$

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	177.79	0.0000	P	15.5
2	☐	0.100					
3	☐	1.000	0.937	3792.33	0.0004	P	3.6
4	☐	50.000	51.793	190981.62	0.0217	P	5.1
5	☐	125.000	123.854	471494.77	0.0518	P	0.2
6	☐	250.000	248.084	903799.69	0.1037	P	0.5
7	☐	500.000	490.867	1793890.62	0.2051	P	0.5
8	☐	1000.000	1005.099	3653988.40	0.4200	P	0.1
9	☐			1247.33	0.0001	P	10.5

$$y = 4.1782\text{E-}004 * x + 1.9438\text{E-}005$$

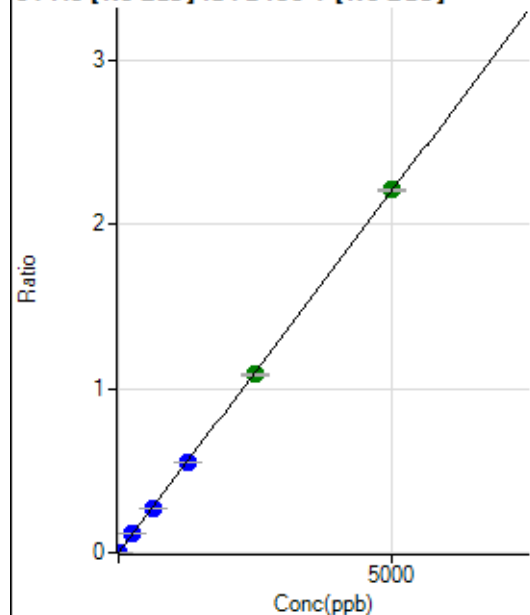
$$R = 0.9999$$

$$DL = 0.02161$$

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	291.68	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.547	18771.26	0.0020	P	1.1
4	☐	250.000	260.319	1011378.56	0.1147	P	4.9
5	☐	625.000	621.848	2494998.64	0.2739	P	0.6
6	☐	1250.000	1252.021	4808053.19	0.5515	P	0.5
7	☐	2500.000	2461.714	9483847.09	1.0844	A	0.2
8	☐	5000.000	5018.516	19233380.29	2.2106	A	0.5
9	☐			8205.48	0.0010	P	9.5

$$y = 4.4049\text{E-}004 * x + 3.1920\text{E-}005$$

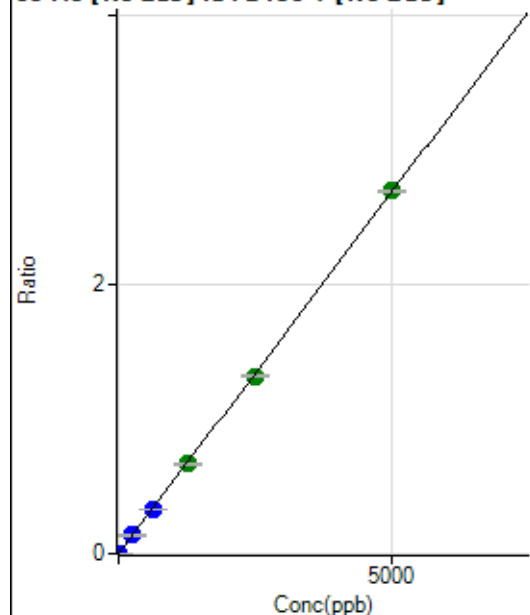
$$R = 1.0000$$

$$DL = 0.03454$$

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	127.78	0.0000	P	32.2
2	☐	0.500					
3	☐	5.000	4.664	23205.77	0.0025	P	1.7
4	☐	250.000	258.806	1224085.00	0.1388	P	4.9
5	☐	625.000	620.620	3031691.04	0.3329	P	0.5
6	☐	1250.000	1239.317	5794562.63	0.6647	A	0.5
7	☐	2500.000	2461.006	11543871.26	1.3199	A	0.4
8	☐	5000.000	5022.275	23435740.28	2.6936	A	0.5
9	☐			10223.55	0.0012	P	7.8

$$y = 5.3633\text{E-}004 * x + 1.3968\text{E-}005$$

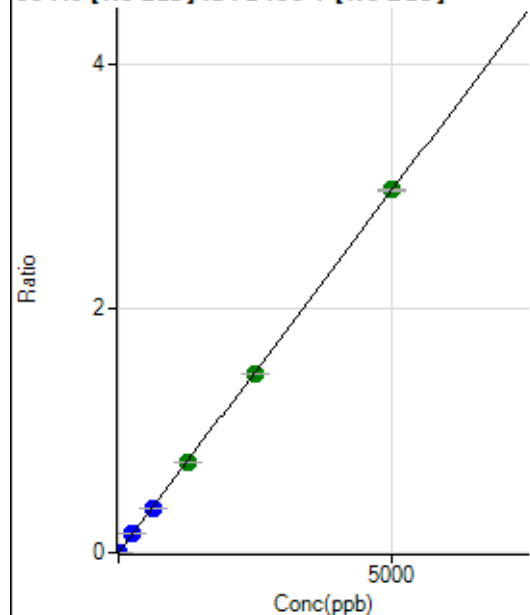
$$R = 0.9999$$

$$DL = 0.02515$$

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	205.57	0.0000	P	24.2
2	☐	0.500					
3	☐	5.000	4.660	25657.15	0.0028	P	2.2
4	☐	250.000	261.575	1365727.19	0.1549	P	4.6
5	☐	625.000	624.050	3364899.99	0.3695	P	0.2
6	☐	1250.000	1243.805	6419236.82	0.7363	A	0.6
7	☐	2500.000	2472.724	12802612.35	1.4639	A	0.4
8	☐	5000.000	5014.727	25828771.58	2.9687	A	0.4
9	☐			14936.26	0.0017	P	8.1

$$y = 5.9199\text{E-}004 * x + 2.2480\text{E-}005$$

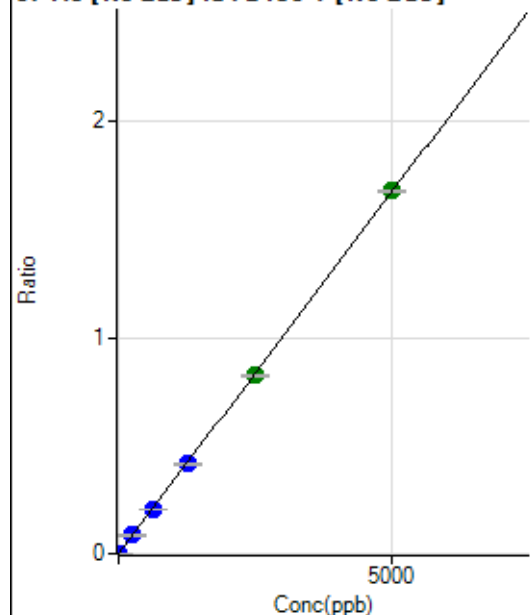
$$R = 1.0000$$

$$DL = 0.0276$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	34.4
2	☐	0.500					
3	☐	5.000	4.726	14658.06	0.0016	P	1.2
4	☐	250.000	259.535	764813.16	0.0868	P	5.9
5	☐	625.000	617.943	1881195.20	0.2066	P	0.3
6	☐	1250.000	1237.480	3605877.69	0.4136	P	0.8
7	☐	2500.000	2466.208	7209292.35	0.8243	A	0.5
8	☐	5000.000	5020.431	14599744.25	1.6780	A	0.3
9	☐			5837.55	0.0007	P	10.7

$$y = 3.3424\text{E-}004 * x + 9.4384\text{E-}006$$

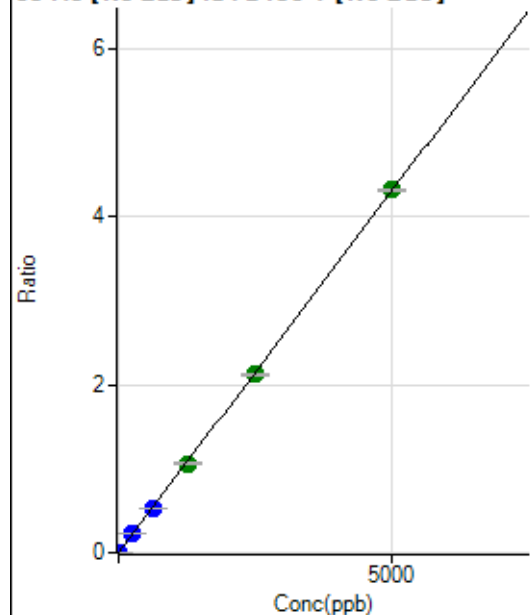
$$R = 1.0000$$

$$DL = 0.02917$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	23.1
2	☐	0.500					
3	☐	5.000	4.661	37143.79	0.0040	P	2.3
4	☐	250.000	260.560	1975520.38	0.2240	P	4.9
5	☐	625.000	622.935	4878047.72	0.5356	P	0.4
6	☐	1250.000	1236.984	9271473.13	1.0635	A	0.4
7	☐	2500.000	2462.760	18518314.31	2.1174	A	0.8
8	☐	5000.000	5021.605	37562888.69	4.3174	A	0.5
9	☐			15311.64	0.0018	P	9.5

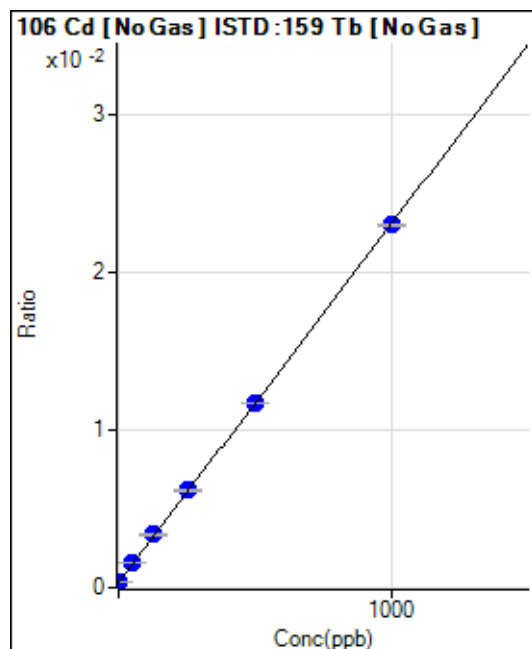
$$y = 8.5977\text{E-}004 * x + 1.8870\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01523$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3850.67	0.0003	P	4.6
2	☐	0.100					
3	☐	1.000	1.669	4331.40	0.0004	P	2.5
4	☐	50.000	56.844	19124.81	0.0016	P	1.8
5	☐	125.000	134.582	41918.54	0.0034	P	1.7
6	☐	250.000	257.177	75481.72	0.0062	P	1.7
7	☐	500.000	500.108	146417.58	0.0117	P	0.5
8	☐	1000.000	996.611	285433.16	0.0230	P	0.5
9	☐			3811.79	0.0003	P	5.2

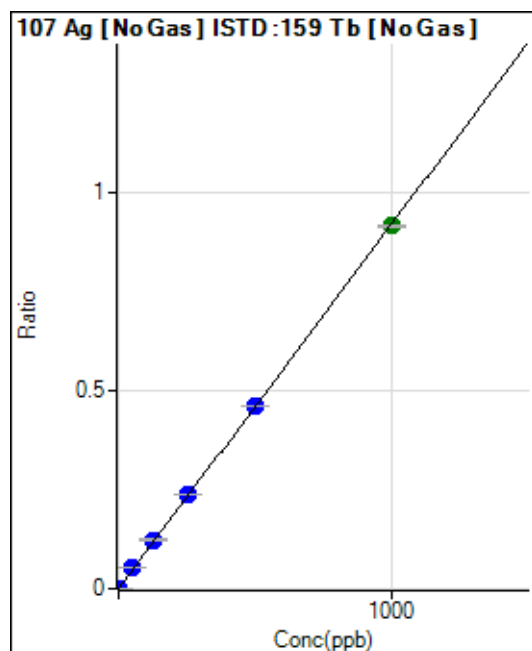
$$y = 2.2788\text{E-}005 * x + 3.1421\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.884$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	26.7
2	☐	0.100					
3	☐	1.000	1.131	12953.64	0.0011	P	1.7
4	☐	50.000	57.515	628159.25	0.0529	P	3.7
5	☐	125.000	134.547	1533940.73	0.1237	P	0.4
6	☐	250.000	260.587	2928847.57	0.2396	P	0.1
7	☐	500.000	500.125	5749243.01	0.4598	P	0.5
8	☐	1000.000	995.721	11349203.82	0.9155	A	0.3
9	☐			1808.53	0.0002	P	21.0

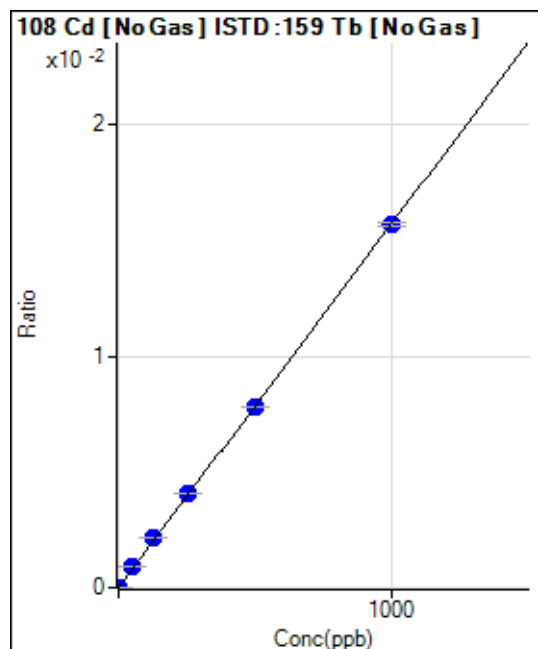
$$y = 9.1941\text{E-}004 * x + 1.3386\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01166$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	89.4
2	☐	0.100					
3	☐	1.000	1.035	209.73	0.0000	P	6.0
4	☐	50.000	57.810	10801.55	0.0009	P	2.1
5	☐	125.000	135.596	26424.85	0.0021	P	0.7
6	☐	250.000	258.311	49622.82	0.0041	P	0.3
7	☐	500.000	497.707	97784.09	0.0078	P	0.4
8	☐	1000.000	997.354	194276.51	0.0157	P	0.9
9	☐			59.72	0.0000	P	8.7

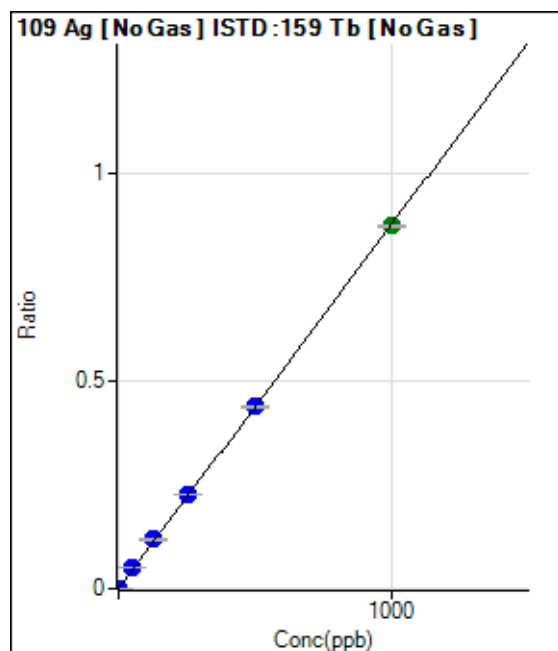
$$y = 1.5712\text{E-}005 * x + 7.9617\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.1359$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	1.128	12294.69	0.0010	P	3.8
4	☐	50.000	57.691	600937.83	0.0506	P	3.6
5	☐	125.000	134.824	1465953.95	0.1182	P	0.5
6	☐	250.000	260.485	2792272.78	0.2284	P	0.3
7	☐	500.000	499.216	5473432.63	0.4378	P	0.1
8	☐	1000.000	996.158	10828980.10	0.8735	A	0.4
9	☐			1555.71	0.0001	P	13.1

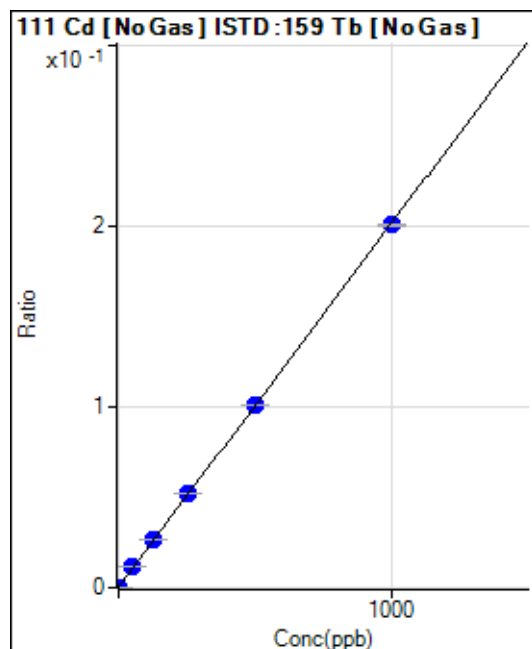
$$y = 8.7689\text{E-}004 * x + 1.1103\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.00528$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2702.55	0.0002	P	4.2
2	☐	0.100					
3	☐	1.000	1.006	5204.86	0.0004	P	2.6
4	☐	50.000	56.673	138219.40	0.0116	P	3.8
5	☐	125.000	133.411	335994.58	0.0271	P	0.1
6	☐	250.000	259.083	640746.40	0.0524	P	0.6
7	☐	500.000	501.126	1265090.49	0.1012	P	0.6
8	☐	1000.000	995.781	2489828.14	0.2008	P	0.4
9	☐			3176.47	0.0003	P	3.6

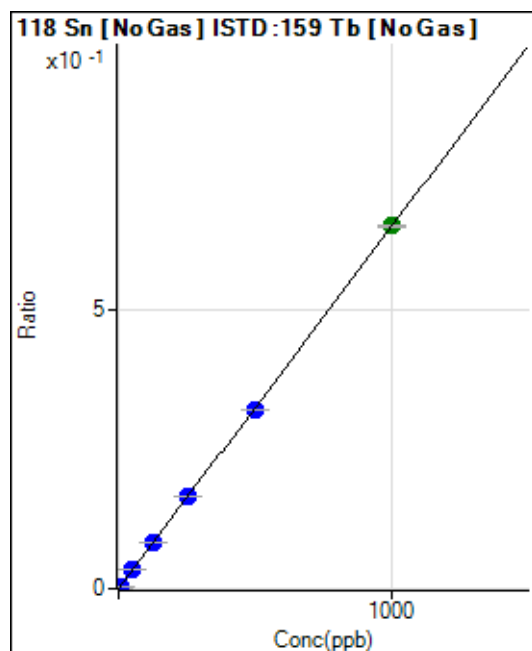
$$y = 2.0147\text{E-}004 * x + 2.2052\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.139$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.80	0.0000	P	8.5
2	☐	0.500					
3	☐	5.000	4.846	39186.10	0.0032	P	2.4
4	☐	50.000	54.204	418561.56	0.0352	P	4.1
5	☐	125.000	128.579	1035986.99	0.0836	P	0.2
6	☐	250.000	252.790	2007633.94	0.1642	P	0.4
7	☐	500.000	493.243	4006210.16	0.3204	P	0.8
8	☐	1000.000	1002.024	8069113.81	0.6509	A	0.6
9	☐			4036.85	0.0003	P	3.7

$$y = 6.4955\text{E-}004 * x + 3.8979\text{E-}005$$

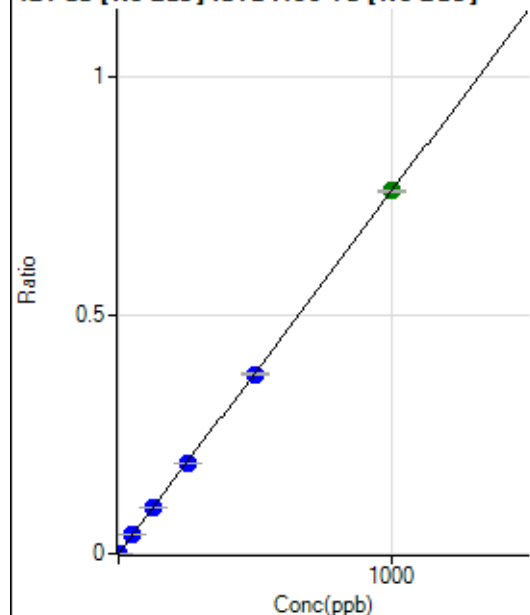
$$R = 0.9999$$

$$DL = 0.01521$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	22.4
2	☐	0.200					
3	☐	2.000	1.778	16799.64	0.0014	P	1.1
4	☐	50.000	53.314	481998.90	0.0406	P	4.2
5	☐	125.000	127.303	1201458.16	0.0969	P	0.3
6	☐	250.000	251.514	2340155.41	0.1914	P	0.4
7	☐	500.000	495.653	4716700.62	0.3772	P	0.5
8	☐	1000.000	1001.342	9447906.46	0.7621	A	0.5
9	☐			12845.24	0.0011	P	3.4

$$y = 7.6109\text{E-}004 * x + 1.2905\text{E-}005$$

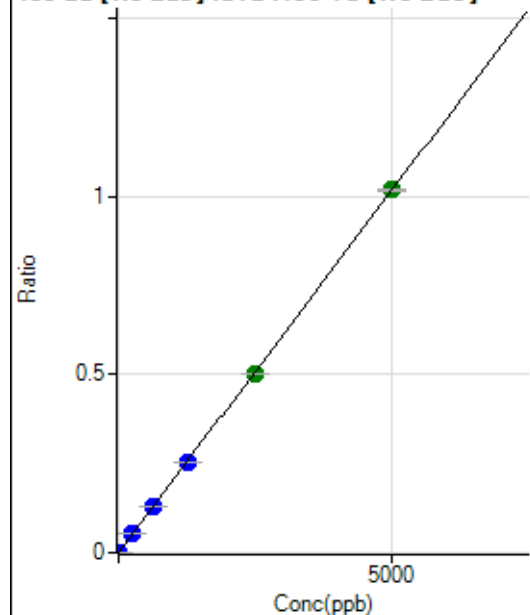
$$R = 1.0000$$

$$DL = 0.01138$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.1
2	☐	1.000					
3	☐	10.000	9.318	23364.76	0.0019	P	1.8
4	☐	250.000	266.960	645046.26	0.0543	P	4.4
5	☐	625.000	635.893	1604234.32	0.1294	P	0.3
6	☐	1250.000	1254.479	3120152.00	0.2552	P	0.2
7	☐	2500.000	2469.966	6283493.41	0.5026	A	0.2
8	☐	5000.000	5011.689	12641279.62	1.0197	A	0.4
9	☐			2461.45	0.0002	P	16.7

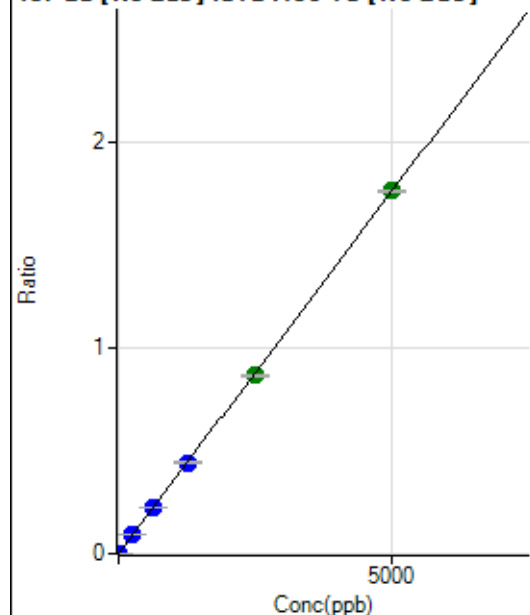
$$y = 2.0347\text{E-}004 * x + 4.0815\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0175$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.23	0.0000	P	36.3
2	☐	1.000					
3	☐	10.000	9.568	41401.71	0.0034	P	2.5
4	☐	250.000	269.468	1124683.25	0.0947	P	4.5
5	☐	625.000	637.882	2779891.36	0.2242	P	0.1
6	☐	1250.000	1261.247	5419120.74	0.4433	P	0.4
7	☐	2500.000	2460.175	10811536.96	0.8647	A	0.4
8	☐	5000.000	5014.518	21849798.41	1.7625	A	0.4
9	☐			4073.01	0.0003	P	10.9

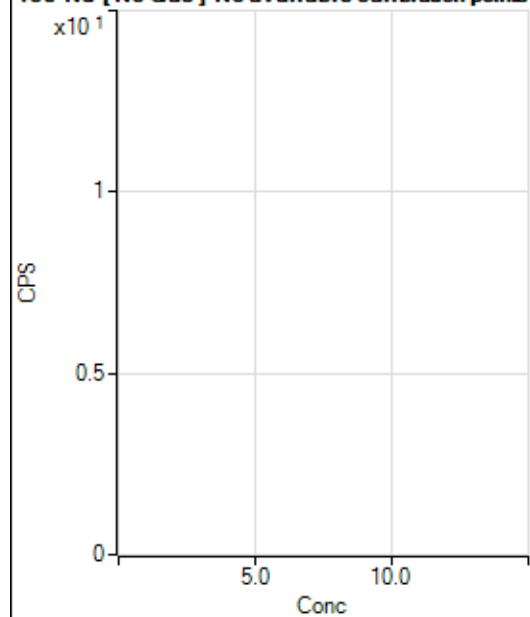
$$y = 3.5149\text{E-}004 * x + 3.8498\text{E-}006$$

$$R = 0.9999$$

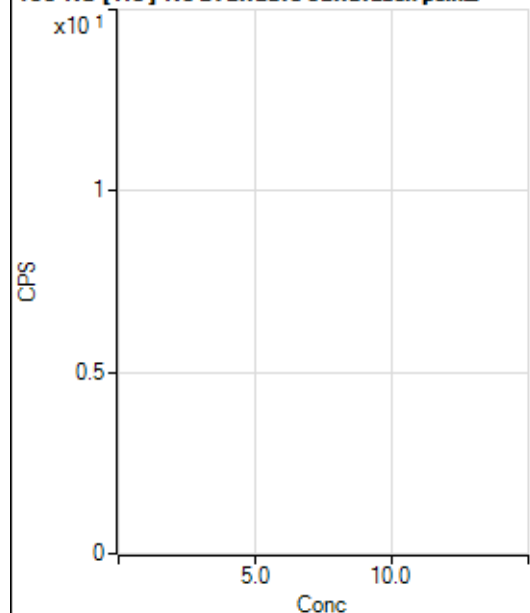
$$DL = 0.01192$$

Weight: <None>

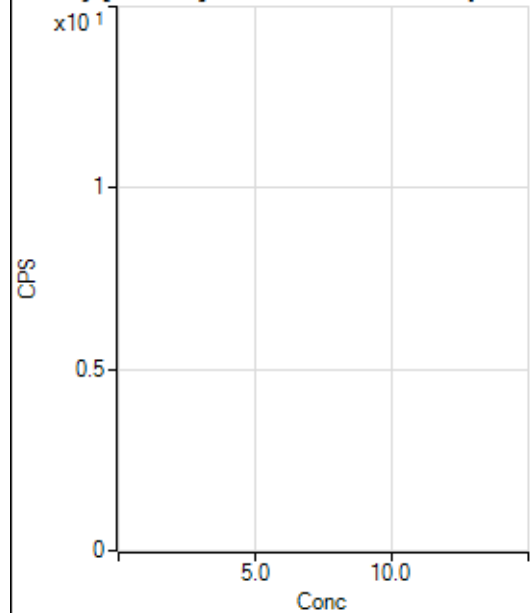
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

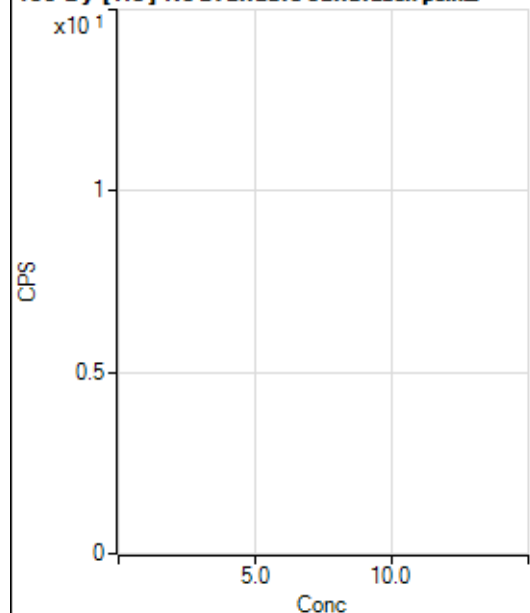
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			11.11		P	34.6
4	☐			51.11		P	27.2
5	☐			148.89		P	17.0
6	☐			208.90		P	1.8
7	☐			555.58		P	19.5
8	☐			1093.41		P	4.3
9	☐			200.01		P	24.0

150 Nd [He] No available calibration points

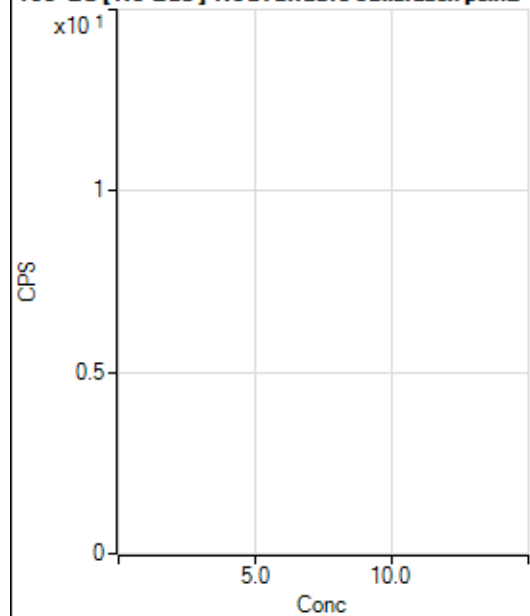
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			12.22		P	56.8
5	☐			27.78		P	6.9
6	☐			31.11		P	22.3
7	☐			72.22		P	27.8
8	☐			106.67		P	26.7
9	☐			107.78		P	18.6

156 Dy [No Gas] No available calibration points

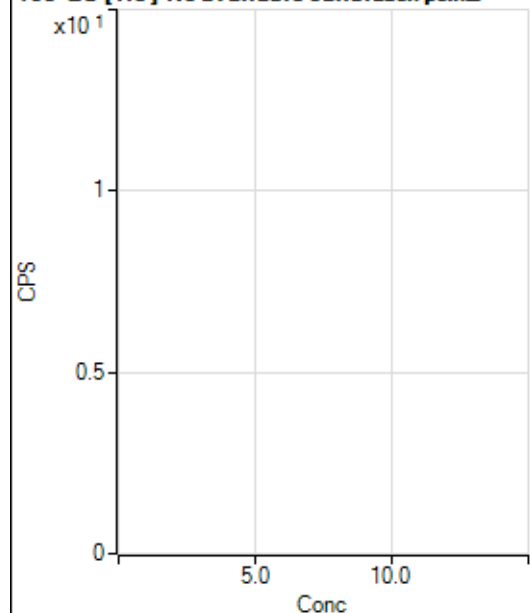
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			5.56		P	173.
4	☐			16.67		P	50.0
5	☐			41.67		P	0.0
6	☐			47.22		P	27.0
7	☐			88.89		P	5.4
8	☐			194.46		P	32.2
9	☐			102.78		P	36.6

156 Dy [He] No available calibration points

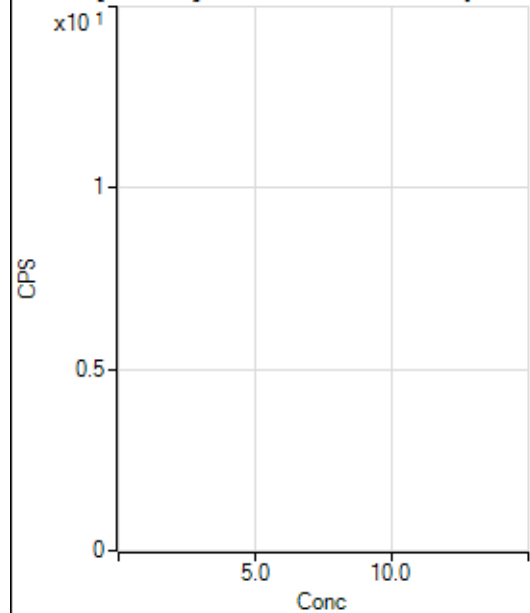
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.
4	☐			15.56		P	32.7
5	☐			50.00		P	17.6
6	☐			68.89		P	7.4
7	☐			130.00		P	6.8
8	☐			266.67		P	9.4
9	☐			63.33		P	19.0

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

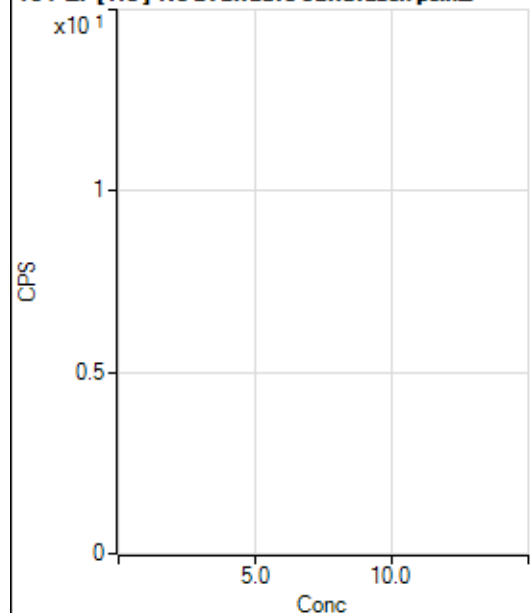
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	27.2
2	☐						
3	☐			52.78		P	39.7
4	☐			47.22		P	10.2
5	☐			83.34		P	20.0
6	☐			72.22		P	35.2
7	☐			83.34		P	26.5
8	☐			94.45		P	28.4
9	☐			127.78		P	18.8

160 Gd [He] No available calibration points

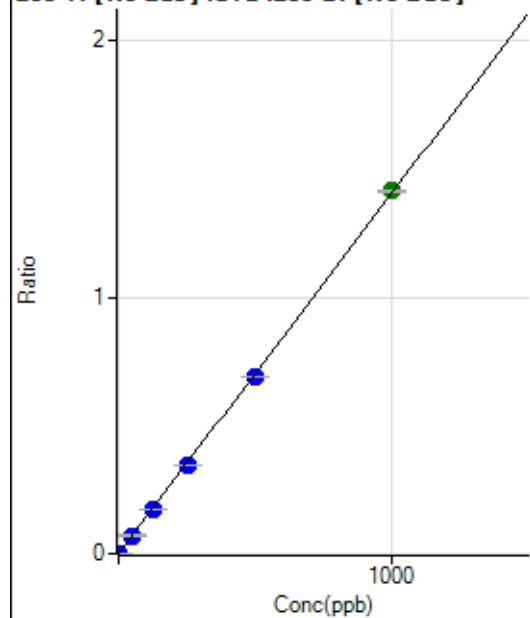
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			202.23		P	2.5
2	☐						
3	☐			224.45		P	13.5
4	☐			185.56		P	17.1
5	☐			185.56		P	9.9
6	☐			184.45		P	17.8
7	☐			201.12		P	5.8
8	☐			200.01		P	10.0
9	☐			231.12		P	6.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐						
3	☐			41.67		P	20.0
4	☐			33.33		P	0.0
5	☐			33.34		P	25.0
6	☐			36.11		P	35.3
7	☐			55.56		P	8.7
8	☐			44.44		P	21.7
9	☐			55.56		P	70.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	24.1
2	☐						
3	☐			17.78		P	28.6
4	☐			23.33		P	62.3
5	☐			25.56		P	32.8
6	☐			21.11		P	39.7
7	☐			24.44		P	31.5
8	☐			23.33		P	57.2
9	☐			28.89		P	29.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	27.6
2	☐	0.100					
3	☐	1.000	0.841	9815.15	0.0012	P	2.7
4	☐	50.000	50.271	554728.60	0.0706	P	4.7
5	☐	125.000	120.794	1393798.69	0.1697	P	0.5
6	☐	250.000	243.570	2781332.57	0.3422	P	0.5
7	☐	500.000	489.357	5637797.91	0.6876	P	0.1
8	☐	1000.000	1007.441	11287681.33	1.4155	A	0.4
9	☐			2428.13	0.0003	P	28.7

$$y = 0.0014 * x + 1.3303E-005$$

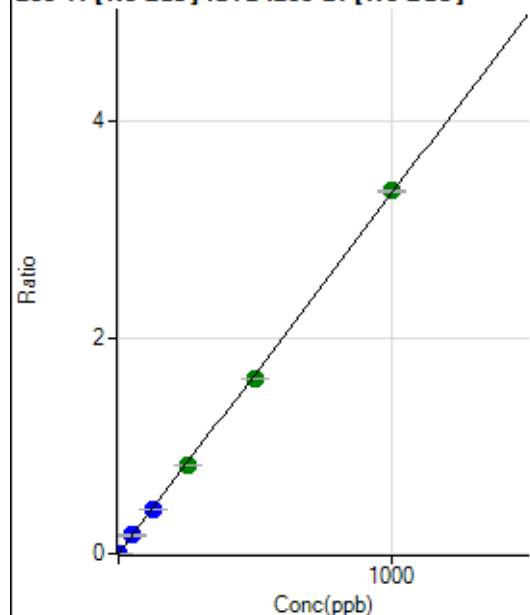
$$R = 0.9999$$

$$DL = 0.00783$$

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	230.57	0.0000	P	13.7
2	☐	0.100					
3	☐	1.000	0.843	23290.75	0.0028	P	1.1
4	☐	50.000	51.126	1336594.39	0.1702	P	4.5
5	☐	125.000	122.763	3355834.56	0.4087	P	0.6
6	☐	250.000	244.040	6601872.81	0.8124	A	0.7
7	☐	500.000	487.454	13304560.45	1.6227	A	0.2
8	☐	1000.000	1007.986	26755888.79	3.3554	A	0.2
9	☐			6115.59	0.0009	P	15.6

$$y = 0.0033 * x + 2.8302E-005$$

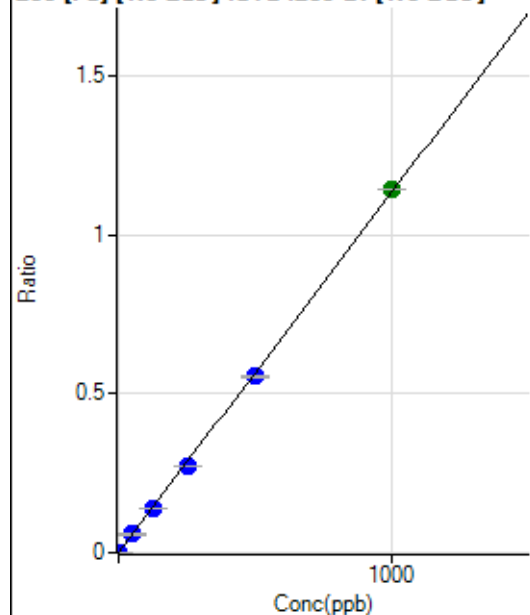
$$R = 0.9999$$

$$DL = 0.003498$$

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	264.82	0.0000	P	9.3
2	☐	0.100					
3	☐	1.000	0.856	8236.11	0.0010	P	2.3
4	☐	50.000	50.775	451981.06	0.0576	P	4.3
5	☐	125.000	121.876	1134050.65	0.1381	P	0.3
6	☐	250.000	242.345	2231444.03	0.2746	P	0.4
7	☐	500.000	488.822	4540909.33	0.5538	P	0.3
8	☐	1000.000	1007.855	9104943.43	1.1418	A	0.1
9	☐			7387.46	0.0010	P	7.4

$$y = 0.0011 * x + 3.2547E-005$$

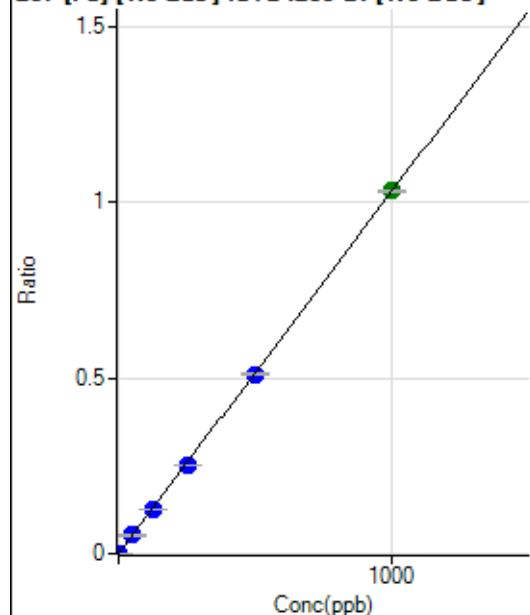
$$R = 0.9999$$

$$DL = 0.008051$$

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	246.31	0.0000	P	2.8
2	☐	0.100					
3	☐	1.000	0.802	7027.97	0.0009	P	2.6
4	☐	50.000	50.942	411920.58	0.0525	P	4.2
5	☐	125.000	122.784	1037766.02	0.1264	P	0.4
6	☐	250.000	246.162	2058832.98	0.2533	P	0.2
7	☐	500.000	496.526	4189617.08	0.5110	P	0.4
8	☐	1000.000	1002.927	8229695.15	1.0321	A	0.5
9	☐			6277.58	0.0009	P	3.0

$$y = 0.0010 * x + 3.0260E-005$$

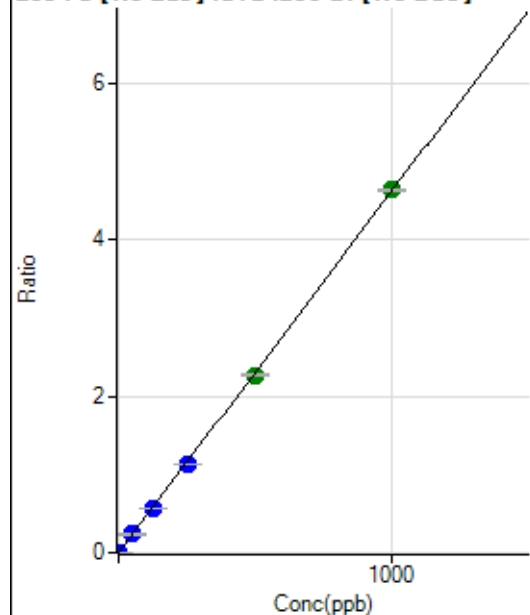
$$R = 1.0000$$

$$DL = 0.002447$$

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	1053.75	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.841	32957.75	0.0040	P	2.5
4	☐	50.000	50.895	1846521.72	0.2351	P	4.3
5	☐	125.000	122.742	4654984.84	0.5669	P	0.5
6	☐	250.000	246.849	9264023.59	1.1400	P	0.2
7	☐	500.000	492.336	18640902.56	2.2735	A	0.1
8	☐	1000.000	1004.858	36999213.33	4.6401	A	0.3
9	☐			29259.76	0.0041	P	3.5

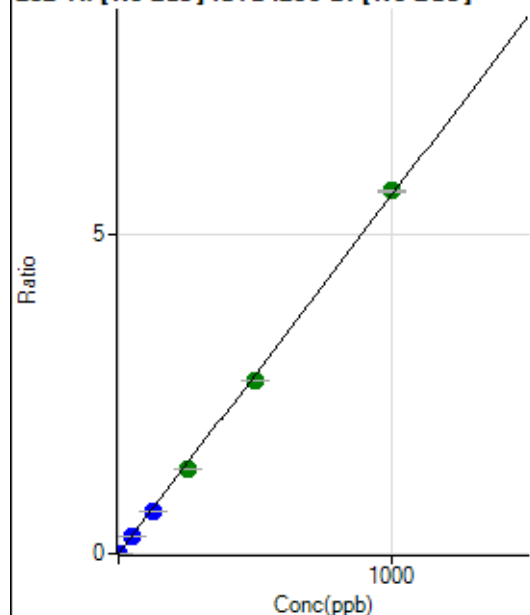
$$y = 0.0046 * x + 1.2949E-004$$

$$R = 0.9999$$

$$DL = 0.005109$$

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	262.98	0.0000	P	16.1
2	☐	0.100					
3	☐	1.000	0.771	35771.48	0.0044	P	0.8
4	☐	50.000	47.967	2113425.67	0.2691	P	4.3
5	☐	125.000	118.662	5466442.95	0.6657	P	0.2
6	☐	250.000	238.083	10854529.18	1.3357	A	0.2
7	☐	500.000	482.916	22212851.88	2.7092	A	0.5
8	☐	1000.000	1012.415	45289477.40	5.6796	A	0.4
9	☐			14176.70	0.0020	P	15.8

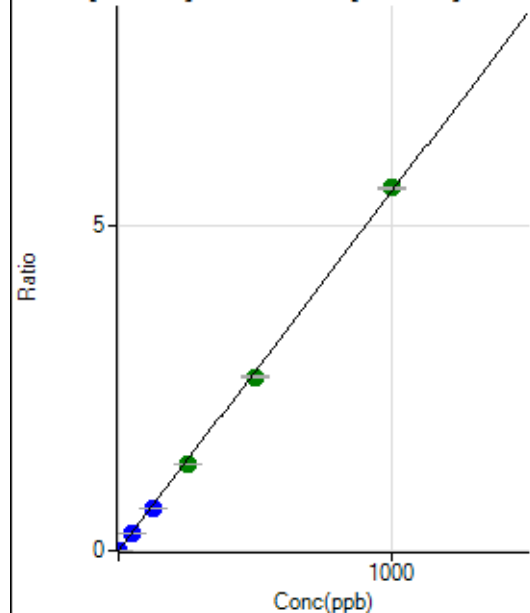
$$y = 0.0056 * x + 3.2312E-005$$

$$R = 0.9997$$

$$DL = 0.002781$$

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	138.90	0.0000	P	7.0
2	☐	0.100					
3	☐	1.000	0.798	36318.45	0.0044	P	1.8
4	☐	50.000	48.583	2105258.36	0.2681	P	4.7
5	☐	125.000	119.625	5420258.76	0.6601	P	0.3
6	☐	250.000	240.526	10785638.09	1.3272	A	0.8
7	☐	500.000	484.368	21913908.65	2.6727	A	0.6
8	☐	1000.000	1010.928	44480348.22	5.5782	A	0.3
9	☐			6204.53	0.0009	P	17.7

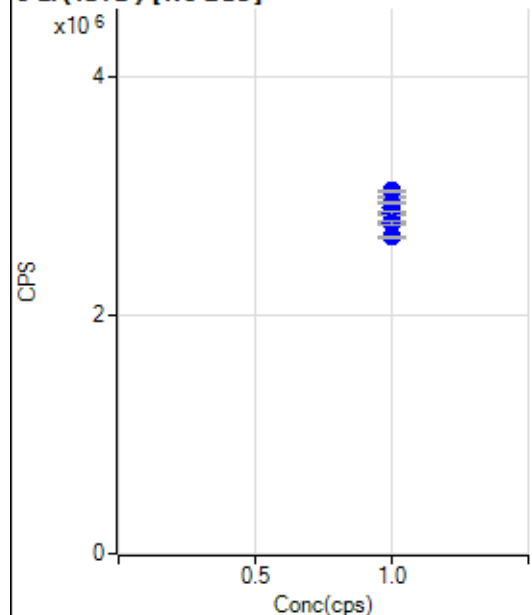
$$y = 0.0055 * x + 1.7064E-005$$

$$R = 0.9998$$

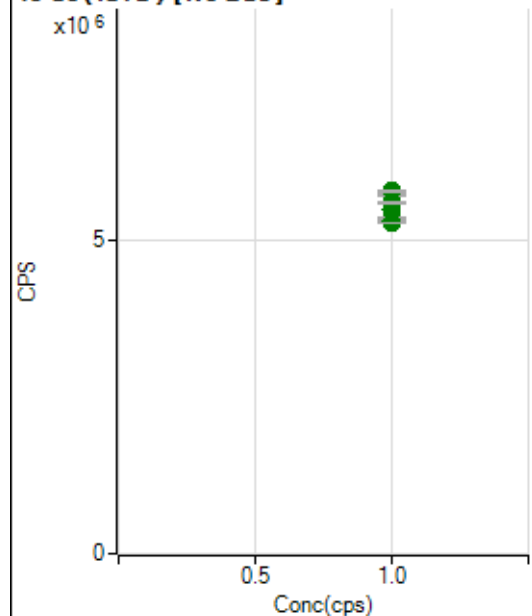
$$DL = 0.0006463$$

Weight: <None>

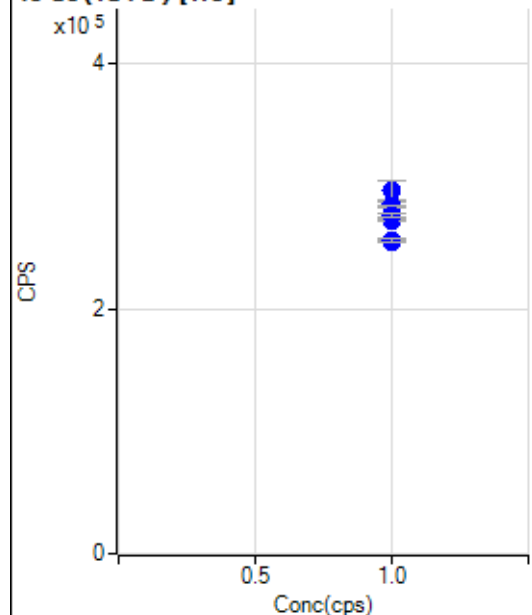
Min Conc: 0

6 Li (ISTD) [No Gas]

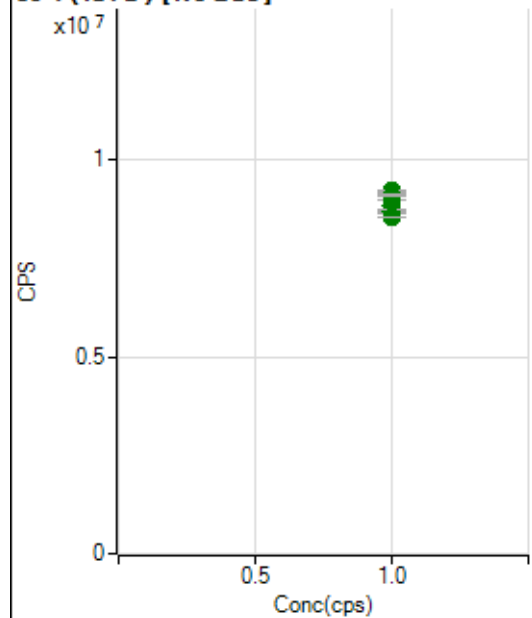
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2990023.85		P	0.8
2	☐	1.000					
3	☐	1.000		3045348.31		P	0.5
4	☐	1.000		2899170.18		P	2.4
5	☐	1.000		2944484.50		P	0.5
6	☐	1.000		2852615.81		P	0.9
7	☐	1.000		2781548.35		P	0.3
8	☐	1.000		2777999.01		P	0.9
9	☐	1.000		2661459.43		P	0.5

45 Sc (ISTD) [No Gas]

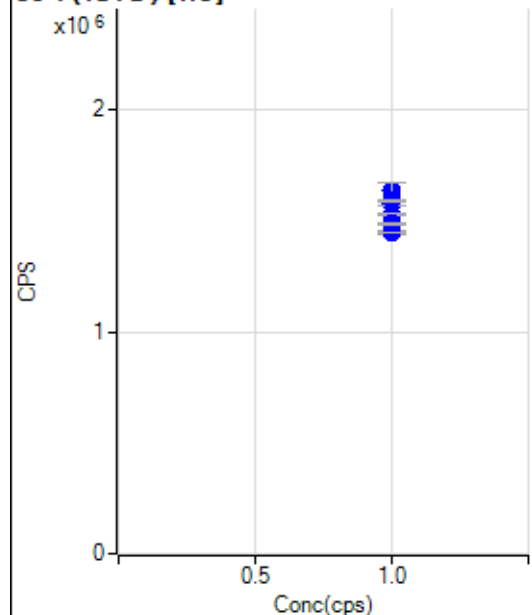
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5704435.59		A	0.9
2	☐	1.000					
3	☐	1.000		5774226.60		A	0.7
4	☐	1.000		5464634.63		A	4.1
5	☐	1.000		5594349.60		A	0.6
6	☐	1.000		5335585.79		A	0.8
7	☐	1.000		5287401.20		A	0.3
8	☐	1.000		5305087.88		A	1.4
9	☐	1.000		5262771.95		A	0.2

45 Sc (ISTD) [He]

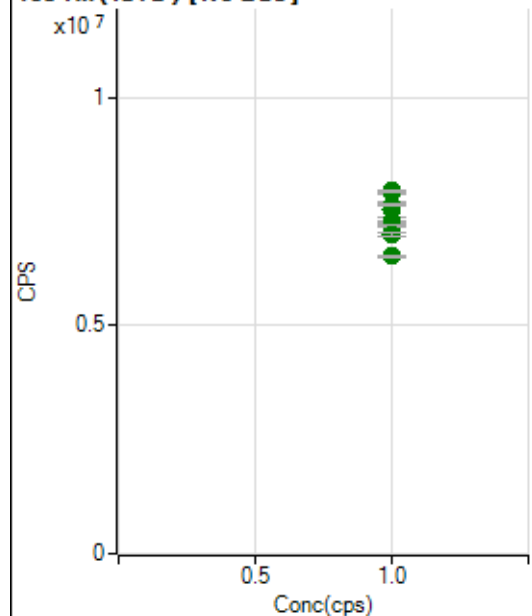
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		285189.52		P	1.0
2	☐	1.000					
3	☐	1.000		295963.71		P	5.2
4	☐	1.000		283729.11		P	0.6
5	☐	1.000		272022.07		P	0.4
6	☐	1.000		254895.18		P	0.6
7	☐	1.000		256455.77		P	0.6
8	☐	1.000		256077.51		P	1.1
9	☐	1.000		276134.76		P	1.1

89 Y (ISTD) [No Gas]

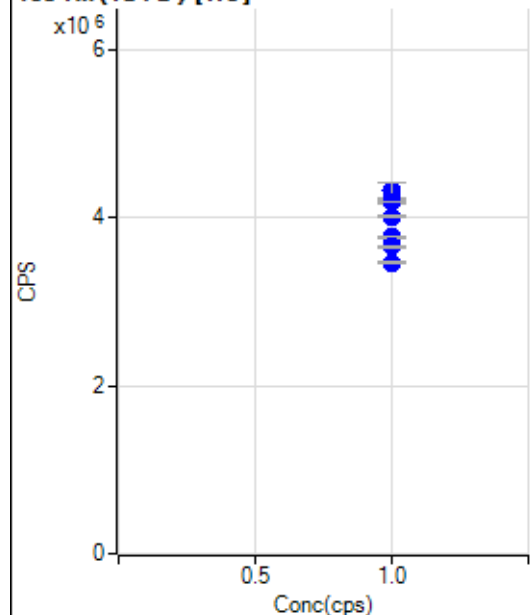
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9137298.89		A	1.0
2	☐	1.000					
3	☐	1.000		9224830.49		A	0.2
4	☐	1.000		8828838.13		A	3.9
5	☐	1.000		9107692.44		A	0.4
6	☐	1.000		8717472.58		A	0.6
7	☐	1.000		8745842.65		A	0.3
8	☐	1.000		8700547.02		A	0.9
9	☐	1.000		8569100.22		A	0.3

89 Y(ISTD) [He]

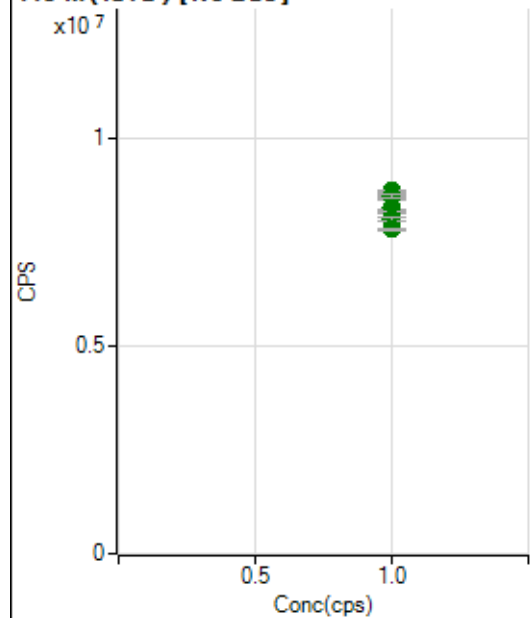
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1579764.91		P	1.1
2	☐	1.000					
3	☐	1.000		1633960.89		P	4.7
4	☐	1.000		1590774.27		P	0.5
5	☐	1.000		1525916.71		P	0.4
6	☐	1.000		1442418.36		P	0.3
7	☐	1.000		1455194.98		P	0.3
8	☐	1.000		1446411.51		P	0.4
9	☐	1.000		1487474.54		P	0.6

103 Rh(ISTD) [No Gas]

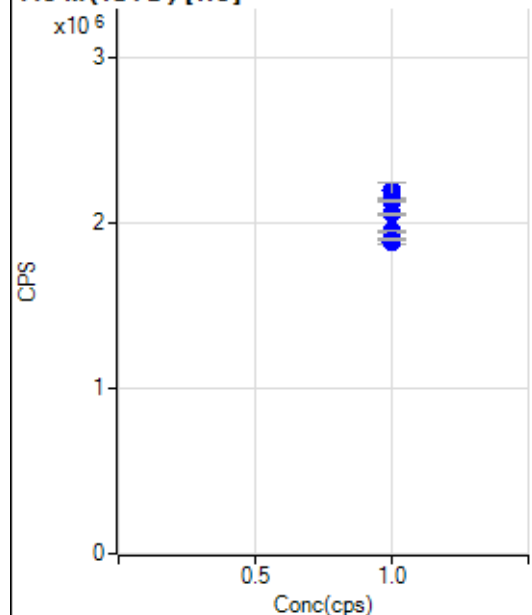
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7902064.76		A	1.0
2	☐	1.000					
3	☐	1.000		7949244.71		A	0.4
4	☐	1.000		7536775.25		A	4.1
5	☐	1.000		7643225.08		A	0.6
6	☐	1.000		7275852.42		A	0.8
7	☐	1.000		7188684.36		A	0.3
8	☐	1.000		6999344.17		A	0.8
9	☐	1.000		6510124.49		A	0.3

103 Rh (ISTD) [He]

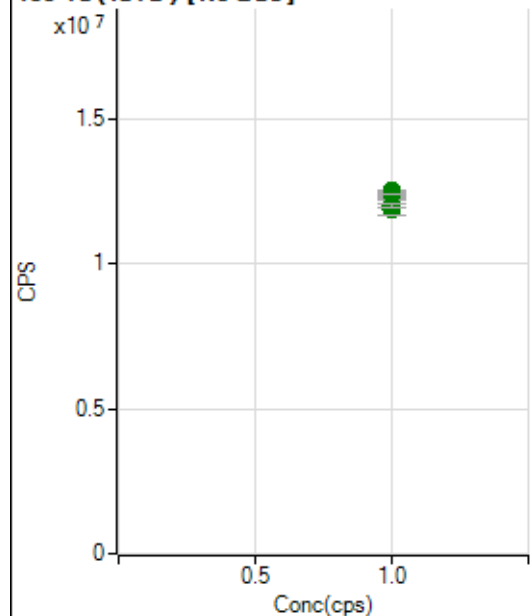
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4208813.86		P	1.4
2	☐	1.000					
3	☐	1.000		4324484.21		P	4.7
4	☐	1.000		4191362.37		P	0.3
5	☐	1.000		4015457.99		P	0.4
6	☐	1.000		3783412.55		P	0.1
7	☐	1.000		3775205.08		P	0.4
8	☐	1.000		3666440.88		P	0.7
9	☐	1.000		3470279.77		P	0.7

115 In (ISTD) [No Gas]

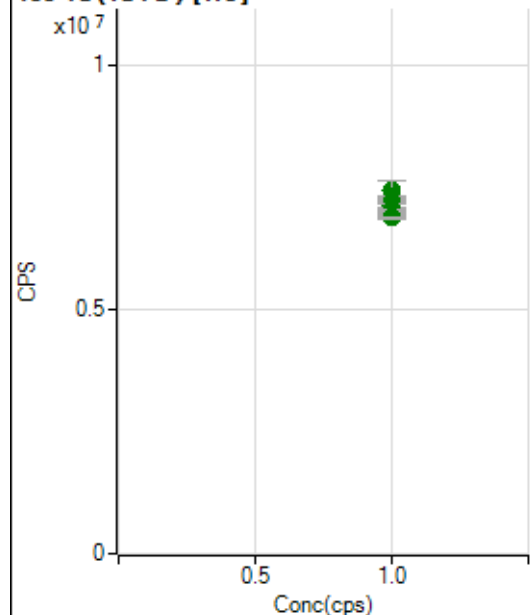
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8678002.03		A	1.1
2	☐	1.000					
3	☐	1.000		8742930.11		A	0.6
4	☐	1.000		8350152.68		A	3.8
5	☐	1.000		8623707.70		A	0.8
6	☐	1.000		8269971.71		A	0.5
7	☐	1.000		8245580.25		A	0.4
8	☐	1.000		8047565.63		A	1.1
9	☐	1.000		7816160.82		A	0.4

115 In (ISTD) [He]

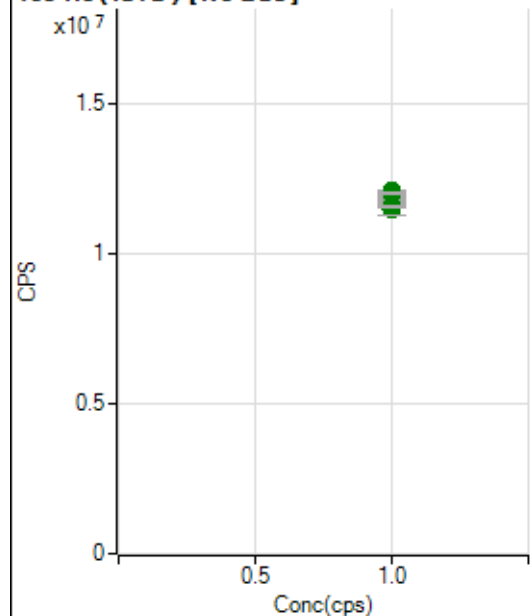
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2140148.54		P	1.0
2	☐	1.000					
3	☐	1.000		2197483.10		P	5.0
4	☐	1.000		2135510.06		P	0.3
5	☐	1.000		2056690.37		P	0.3
6	☐	1.000		1953694.51		P	0.9
7	☐	1.000		1952384.91		P	0.6
8	☐	1.000		1889566.25		P	0.9
9	☐	1.000		1903885.30		P	1.1

159 Tb (ISTD) [No Gas]

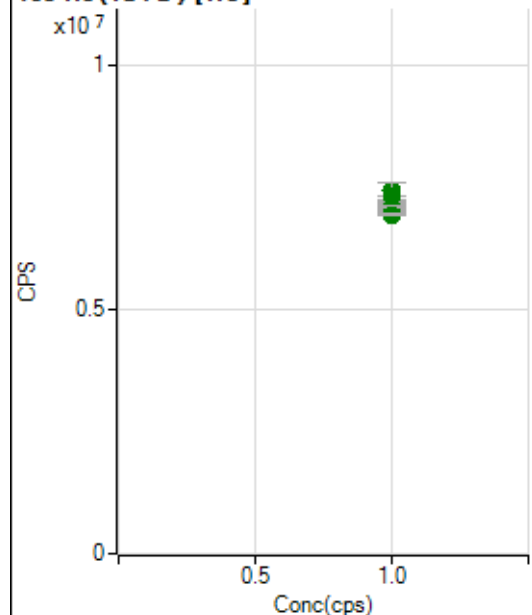
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12257331.49		A	0.7
2	☐	1.000					
3	☐	1.000		12297949.82		A	0.8
4	☐	1.000		11886220.80		A	3.5
5	☐	1.000		12398585.51		A	0.4
6	☐	1.000		12223880.51		A	0.6
7	☐	1.000		12502975.37		A	0.3
8	☐	1.000		12396759.82		A	0.3
9	☐	1.000		11988361.77		A	0.7

159 Tb (ISTD) [He]

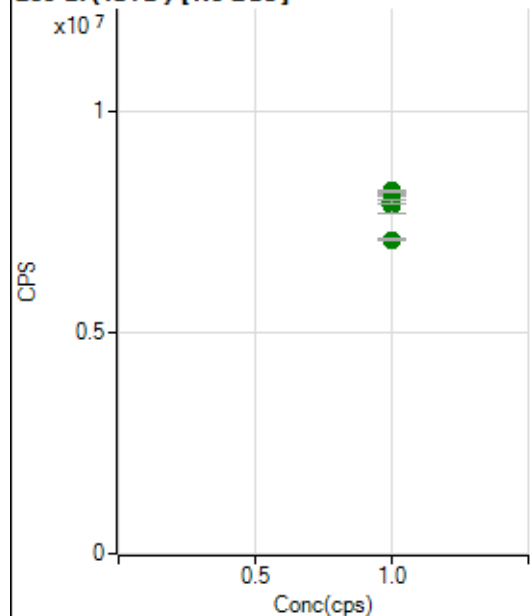
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7276191.07		A	1.2
2	☐	1.000					
3	☐	1.000		7438896.42		A	5.3
4	☐	1.000		7315967.74		A	0.4
5	☐	1.000		7209734.69		A	0.3
6	☐	1.000		6961054.55		A	0.2
7	☐	1.000		7128505.80		A	0.9
8	☐	1.000		7049892.88		A	0.7
9	☐	1.000		6894745.52		A	0.6

165 Ho (ISTD) [No Gas]

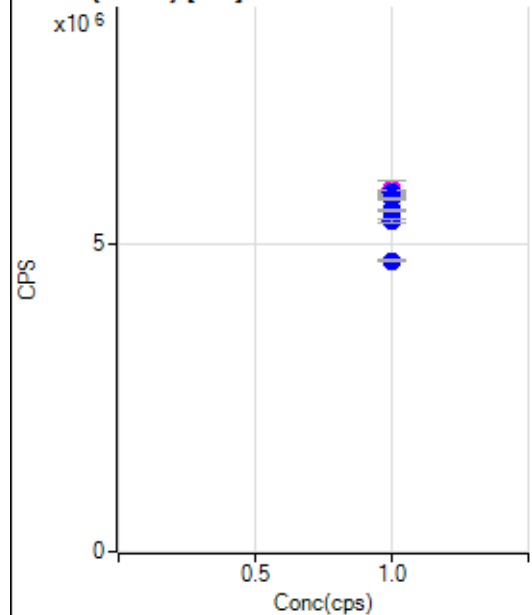
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11737388.80		A	1.0
2	☐	1.000					
3	☐	1.000		11877458.77		A	0.6
4	☐	1.000		11493555.03		A	3.8
5	☐	1.000		11964542.28		A	0.4
6	☐	1.000		11801405.39		A	0.4
7	☐	1.000		12082819.02		A	0.4
8	☐	1.000		12005761.20		A	0.5
9	☐	1.000		11577548.87		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7259225.44		A	1.2
2	☐	1.000					
3	☐	1.000		7424861.28		A	4.8
4	☐	1.000		7329079.41		A	0.1
5	☐	1.000		7226940.03		A	0.7
6	☐	1.000		7027087.67		A	0.4
7	☐	1.000		7178618.58		A	0.9
8	☐	1.000		7092525.73		A	0.4
9	☐	1.000		6942426.15		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8140102.79		A	0.9
2	☐	1.000					
3	☐	1.000		8214289.74		A	0.6
4	☐	1.000		7861739.54		A	3.9
5	☐	1.000		8211391.47		A	0.2
6	☐	1.000		8126693.77		A	0.5
7	☐	1.000		8199288.00		A	0.4
8	☐	1.000		7973970.99		A	0.8
9	☐	1.000		7118162.67		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5786965.96		P	1.2
2	☐	1.000					
3	☐	1.000		5879191.58		M	4.5
4	☐	1.000		5826704.22		P	0.8
5	☐	1.000		5722913.38		P	0.7
6	☐	1.000		5533054.43		P	0.3
7	☐	1.000		5523295.75		P	0.5
8	☐	1.000		5358697.18		P	0.8
9	☐	1.000		4711897.67		P	0.7