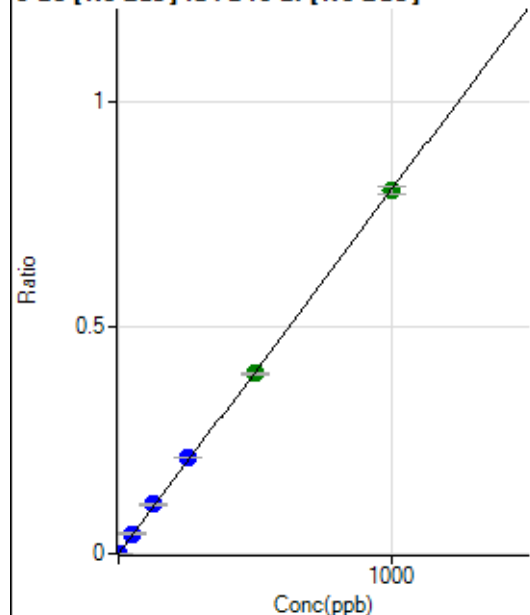


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032623MS.b\
 Analysis File: P7032623MS.batch.bin
 DA Date-Time: 2023-03-26 20:06:51
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2023-03-26 19:30:41
2	006CALS.d	S02	2023-03-26 19:43:42
3	007CALS.d	S03	2023-03-26 19:46:57
4	008CALS.d	S04	2023-03-26 19:49:57
5	009CALS.d	S05	2023-03-26 19:52:50
6	010CALS.d	S06	2023-03-26 19:55:38
7	011CALS.d	S07	2023-03-26 19:58:23
8	012CALS.d	S08	2023-03-26 20:01:11

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	20.0
2	☐	1.000	1.068	2383.54	0.0009	P	4.5
3	☐	50.000	54.878	121794.65	0.0441	P	3.4
4	☐	125.000	135.979	297586.59	0.1093	P	1.8
5	☐	250.000	265.313	567282.02	0.2133	P	0.7
6	☐	500.000	494.724	1057497.09	0.3976	A	0.8
7	☐	1000.000	997.193	2067979.36	0.8015	A	2.1
8	☐			747.80	0.0003	P	15.1

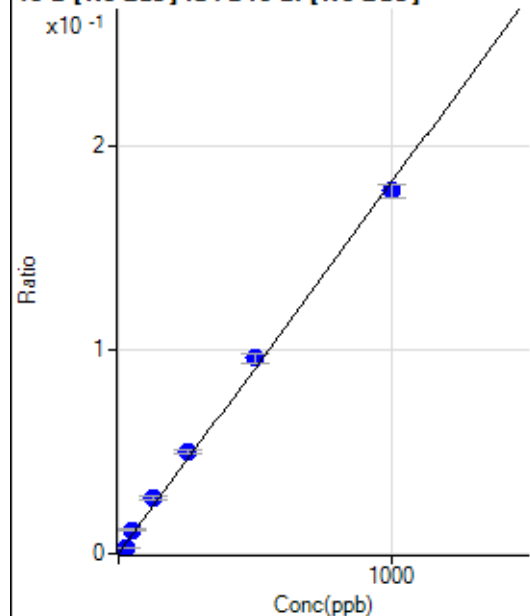
$$y = 8.0375E-004 * x + 6.0171E-006$$

$$R = 0.9998$$

$$DL = 0.004494$$

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	185.56	0.0001	P	5.7
2	☐	25.000	16.777	8610.23	0.0031	P	4.5
3	☐	50.000	63.469	32103.20	0.0116	P	6.9
4	☐	125.000	149.128	74128.23	0.0272	P	6.1
5	☐	250.000	275.681	133787.63	0.0503	P	3.9
6	☐	500.000	525.902	254956.38	0.0959	P	4.1
7	☐	1000.000	977.145	459445.36	0.1781	P	3.6
8	☐			14233.37	0.0061	P	14.5

$$y = 1.8219E-004 * x + 6.6985E-005$$

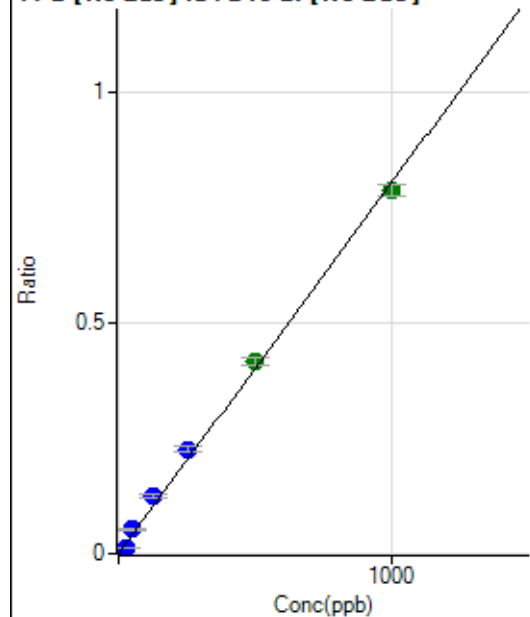
$$R = 0.9988$$

$$DL = 0.06328$$

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	753.36	0.0003	P	3.4
2	☐	25.000	16.902	38133.49	0.0138	P	4.8
3	☐	50.000	65.368	145527.68	0.0527	P	7.0
4	☐	125.000	153.971	337000.93	0.1238	P	5.5
5	☐	250.000	282.175	603018.35	0.2267	P	4.3
6	☐	500.000	519.038	1108186.69	0.4168	A	3.3
7	☐	1000.000	978.250	2025738.18	0.7852	A	3.3
8	☐			64852.88	0.0279	P	13.6

$$y = 8.0241\text{E-}004 * x + 2.7205\text{E-}004$$

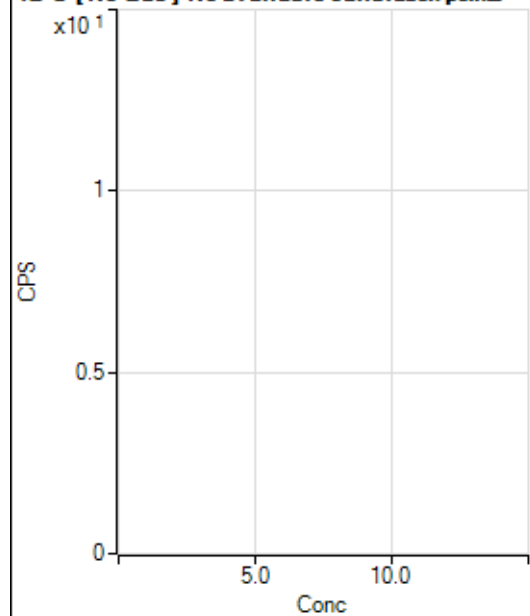
$$R = 0.9987$$

$$DL = 0.03483$$

Weight: <None>

Min Conc: 0

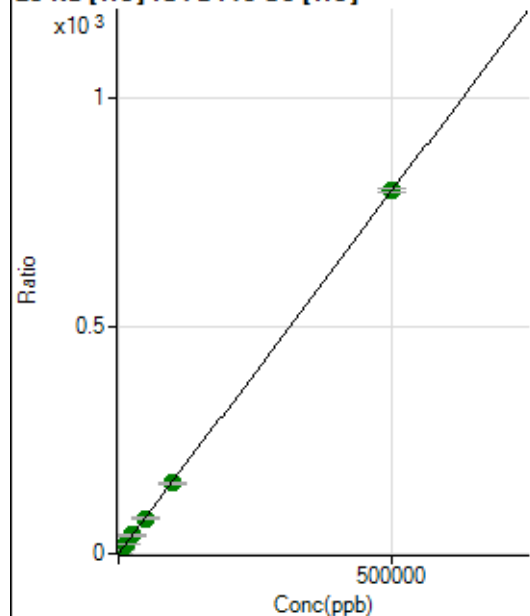
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17011.70	0.0377	P	1.3
2	☐	500.000	493.731	375181.75	0.8246	P	1.0
3	☐	5000.000	5212.632	3809206.58	8.3448	A	1.8
4	☐	12500.000	12883.431	9348956.74	20.5693	A	1.5
5	☐	25000.000	25254.994	18224246.95	40.2851	A	1.1
6	☐	50000.000	48939.651	35603068.91	78.0299	A	1.3
7	☐	100000.00	97745.949	71188950.61	155.8096	A	2.0
8	☐	500000.00	500532.39	340609670.4	797.7061	A	1.1

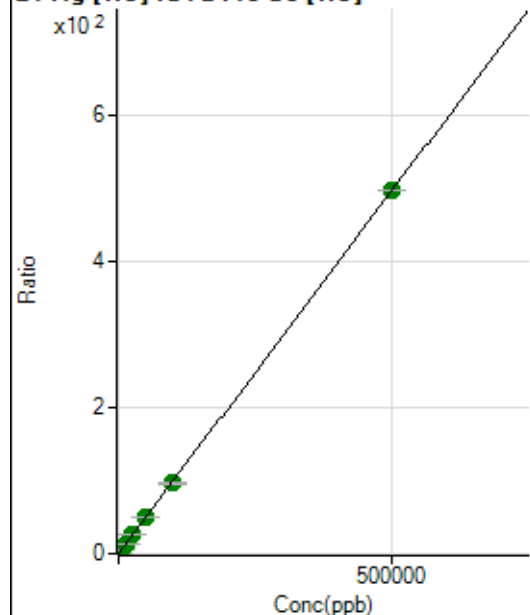
$$y = 0.0016 * x + 0.0377$$

$$R = 1.0000$$

$$DL = 0.9174$$

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	484.46	0.0011	P	5.3
2	☐	500.000	494.844	223482.14	0.4912	P	0.5
3	☐	5000.000	5288.543	2391247.17	5.2387	A	1.4
4	☐	12500.000	13050.828	5875191.65	12.9264	A	1.3
5	☐	25000.000	25660.308	11497197.88	25.4145	A	1.5
6	☐	50000.000	49825.195	22517841.89	49.3470	A	0.4
7	☐	100000.00	97553.069	44139969.34	96.6157	A	2.8
8	☐	500000.00	500457.20	211636305.7	495.6442	A	0.2

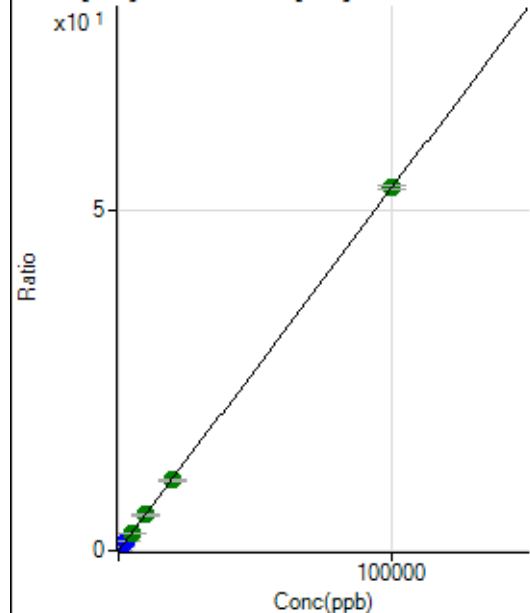
$$y = 9.9038\text{E-}004 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.1726$$

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	204.45	0.0005	P	6.9
2	☐	20.000	20.615	5209.83	0.0115	P	3.3
3	☐	1000.000	1084.126	264217.42	0.5788	P	0.4
4	☐	2500.000	2608.816	632789.51	1.3922	P	0.8
5	☐	5000.000	4969.671	1199676.60	2.6517	A	0.7
6	☐	10000.000	9835.458	2394262.26	5.2476	A	1.9
7	☐	20000.000	19435.086	4737298.12	10.3689	A	2.4
8	☐	100000.00	100127.39	22808637.72	53.4174	A	1.1

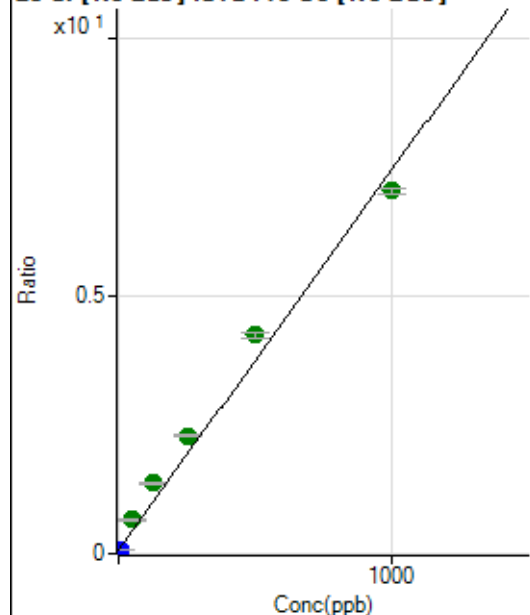
$$y = 5.3349\text{E-}004 * x + 4.5343\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1766$$

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	387824.61	0.0671	P	0.3
2	☐	10.000	2.624	498896.89	0.0864	P	1.2
3	☐	50.000	79.615	3828061.47	0.6533	A	4.0
4	☐	125.000	176.276	7881802.73	1.3650	A	3.8
5	☐	250.000	302.061	13109697.58	2.2912	A	2.6
6	☐	500.000	565.911	24314394.08	4.2339	A	2.8
7	☐	1000.000	946.213	40654298.56	7.0341	A	1.3
8	☐			1620298.66	0.2950	A	2.9

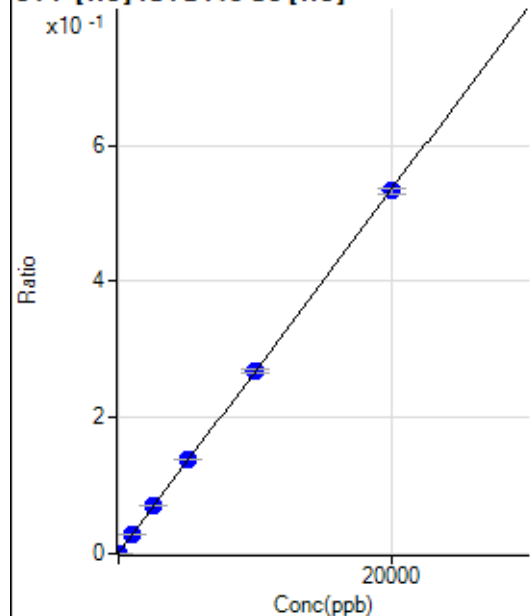
$$y = 0.0074 * x + 0.0671$$

$$R = 0.9938$$

$$DL = 0.0805$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.291	230.00	0.0005	P	20.7
2	☐	0.000	9.291	457.79	0.0010	P	4.6
3	☐	1000.000	1023.307	12823.21	0.0281	P	2.7
4	☐	2500.000	2586.627	31745.21	0.0698	P	0.9
5	☐	5000.000	5150.988	62581.62	0.1383	P	1.2
6	☐	10000.000	10056.205	122890.86	0.2694	P	2.0
7	☐	20000.000	19922.157	243471.27	0.5329	P	1.6
8	☐			392.23	0.0009	P	3.1

$$y = 2.6709E-005 * x + 7.5791E-004$$

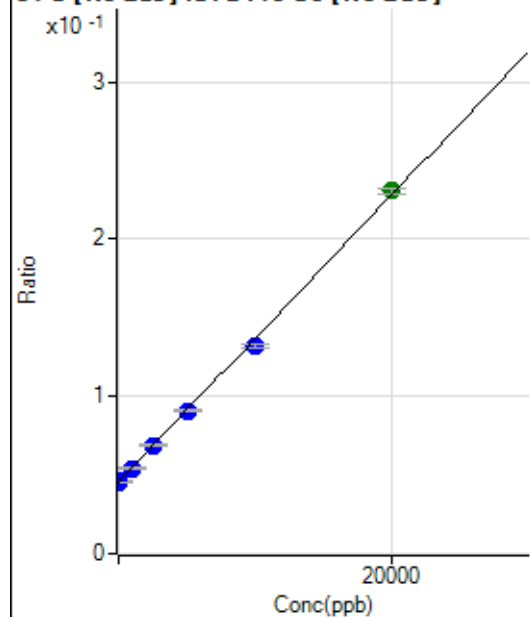
$$R = 1.0000$$

$$DL = 8.509$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	40.726	266506.99	0.0461	P	0.8
2	☐	0.000	-40.726	261873.82	0.0454	P	0.3
3	☐	1000.000	906.055	316451.24	0.0540	P	2.0
4	☐	2500.000	2527.648	397245.75	0.0688	P	1.1
5	☐	5000.000	4965.728	520754.97	0.0910	P	0.7
6	☐	10000.000	9467.703	758450.51	0.1321	P	1.1
7	☐	20000.000	20275.958	1332744.00	0.2306	A	1.5
8	☐			233795.53	0.0426	P	2.7

$$y = 9.1173\text{E-}006 * x + 0.0457$$

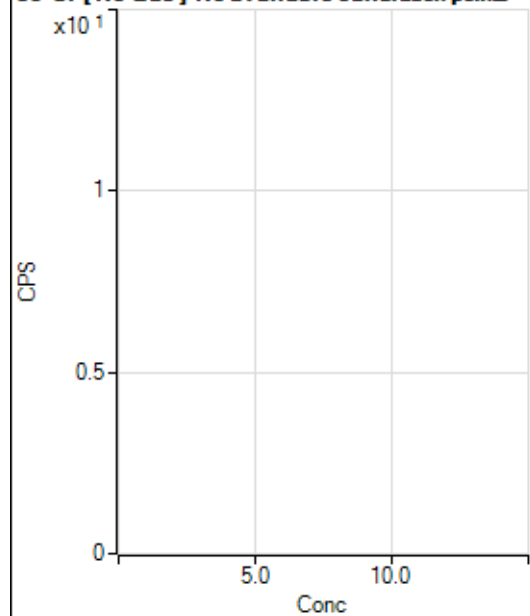
R = 0.9995

DL = 84.34

Weight: <None>

Min Conc: 0

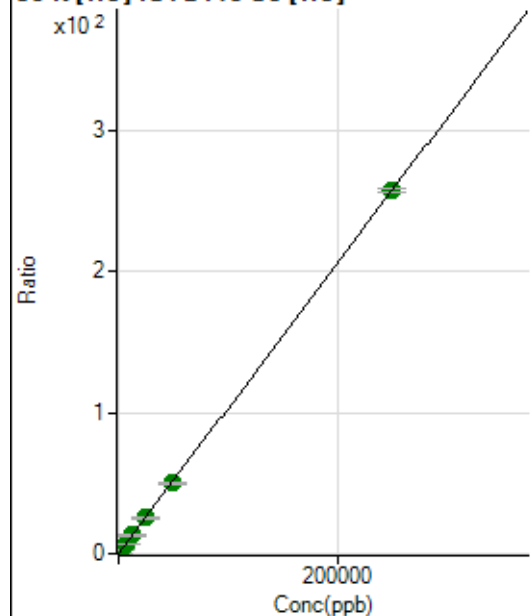
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52523.51	0.1165	P	0.2
2	☐	500.000	494.567	283871.96	0.6239	P	1.1
3	☐	2500.000	2579.884	1261489.86	2.7635	A	0.6
4	☐	6250.000	6349.968	3014141.00	6.6316	A	0.7
5	☐	12500.000	12563.001	5884727.83	13.0062	A	1.2
6	☐	25000.000	24636.520	11587228.30	25.3938	A	1.8
7	☐	50000.000	48865.543	22961329.66	50.2530	A	2.3
8	☐	250000.00	250256.80	109686477.2	256.8823	A	1.0

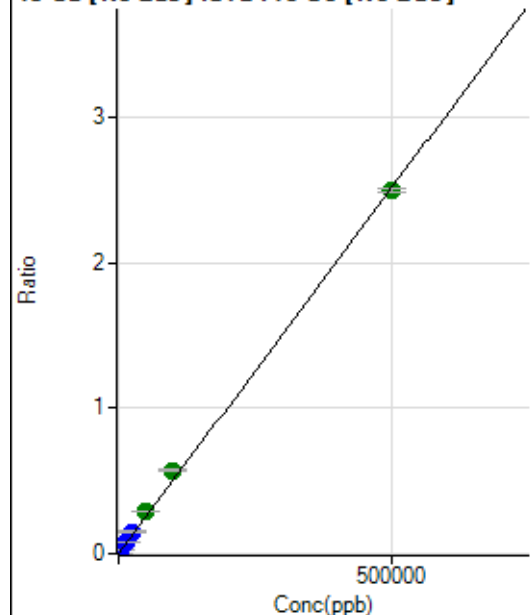
$$y = 0.0010 * x + 0.1165$$

$$R = 1.0000$$

$$DL = 0.5368$$

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	131.11	0.0000	P	8.6
2	☐	500.000	525.054	15374.53	0.0027	P	1.3
3	☐	5000.000	6072.498	179101.95	0.0306	P	2.5
4	☐	12500.000	15366.222	446357.96	0.0773	P	2.8
5	☐	25000.000	30110.466	866491.62	0.1514	P	2.2
6	☐	50000.000	57814.343	1669625.08	0.2908	A	3.7
7	☐	100000.00	113278.75	3292390.33	0.5697	A	2.2
8	☐	500000.00	496224.88	13706355.90	2.4954	A	0.9

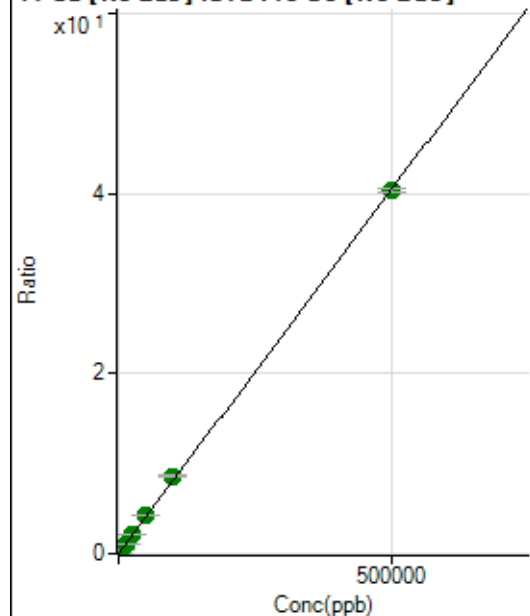
$$y = 5.0287\text{E-}006 * x + 2.2676\text{E-}005$$

$$R = 0.9996$$

$$DL = 1.157$$

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	7362.06	0.0013	P	1.3
2	☐	500.000	519.784	250075.73	0.0433	P	1.3
3	☐	5000.000	5519.894	2624050.53	0.4477	A	2.9
4	☐	12500.000	13962.057	6529618.58	1.1306	A	1.6
5	☐	25000.000	27387.068	12682561.89	2.2165	A	1.4
6	☐	50000.000	53317.773	24775270.19	4.3138	A	2.0
7	☐	100000.00	106438.29	49765038.15	8.6104	A	1.4
8	☐	500000.00	498219.44	221349143.3	40.2993	A	1.2

$$y = 8.0884\text{E-}005 * x + 0.0013$$

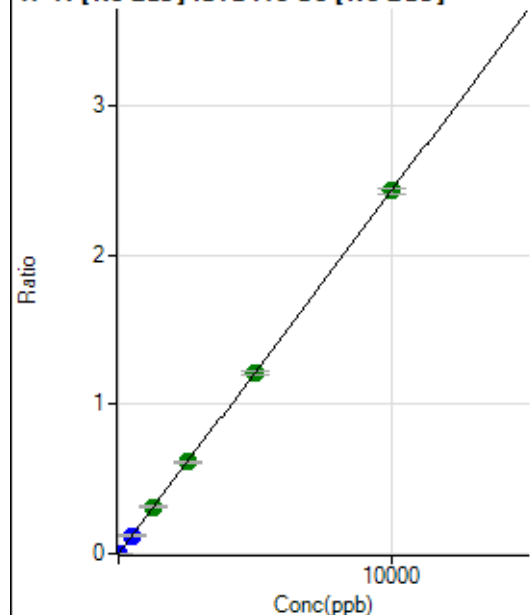
$$R = 0.9999$$

$$DL = 0.6009$$

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	102.23	0.0000	P	27.5
2	☐	5.000	4.725	6737.12	0.0012	P	3.2
3	☐	500.000	502.627	716478.28	0.1223	P	3.7
4	☐	1250.000	1285.573	1805886.31	0.3127	A	2.1
5	☐	2500.000	2526.116	3515704.12	0.6144	A	2.0
6	☐	5000.000	4980.903	6957729.97	1.2115	A	2.2
7	☐	10000.000	9998.442	14054863.54	2.4319	A	1.9
8	☐			3009.22	0.0005	P	7.8

$$y = 2.4323\text{E-}004 * x + 1.7674\text{E-}005$$

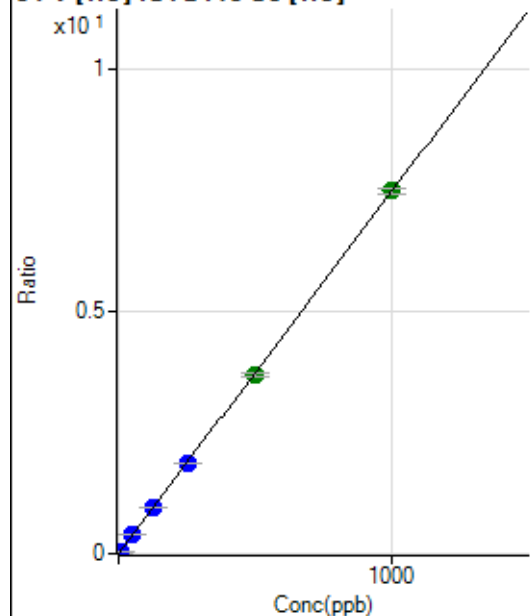
$$R = 1.0000$$

$$DL = 0.05998$$

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	4.45	0.0000	P	86.6
2	☐	5.000	4.834	16420.14	0.0361	P	0.6
3	☐	50.000	51.065	173964.62	0.3811	P	1.4
4	☐	125.000	127.810	433559.59	0.9539	P	1.4
5	☐	250.000	250.716	846530.91	1.8712	P	0.7
6	☐	500.000	494.722	1684625.50	3.6923	A	1.8
7	☐	1000.000	1002.056	3417324.98	7.4787	A	1.2
8	☐			920.03	0.0022	P	3.4

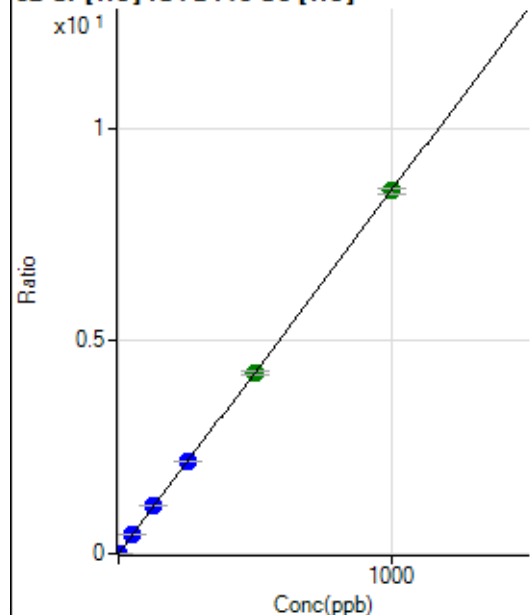
$$y = 0.0075 * x + 9.8697\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.003436$$

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	1152.27	0.0026	P	3.1
2	☐	2.000	1.967	8798.21	0.0193	P	2.0
3	☐	50.000	53.581	209809.68	0.4596	P	1.2
4	☐	125.000	132.281	514028.56	1.1310	P	1.0
5	☐	250.000	255.022	985280.23	2.1780	P	1.2
6	☐	500.000	497.574	1937740.99	4.2470	A	1.9
7	☐	1000.000	998.868	3894311.12	8.5233	A	1.9
8	☐			28023.85	0.0656	P	0.5

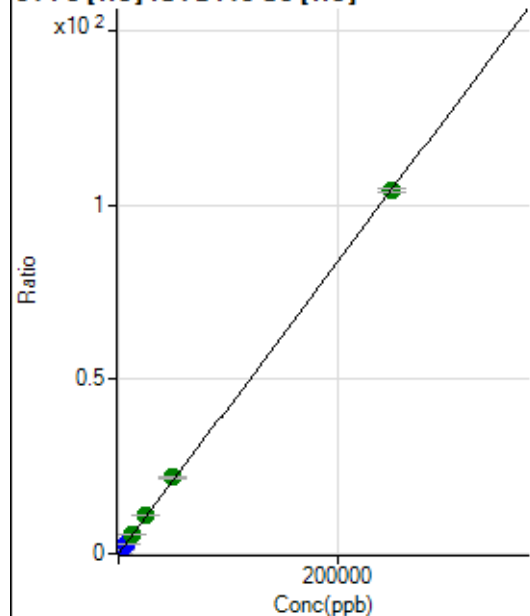
$$y = 0.0085 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.02783$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1773.46	0.0039	P	2.8
2	☐	50.000	55.240	12285.10	0.0270	P	1.9
3	☐	2500.000	2885.253	551745.04	1.2087	P	0.6
4	☐	6250.000	7146.011	1358031.49	2.9879	P	0.6
5	☐	12500.000	13525.556	2556777.88	5.6518	A	1.1
6	☐	25000.000	26410.928	5033581.07	11.0323	A	3.4
7	☐	50000.000	52246.514	9969611.10	21.8204	A	2.0
8	☐	250000.00	249332.07	44457476.56	104.1172	A	1.0

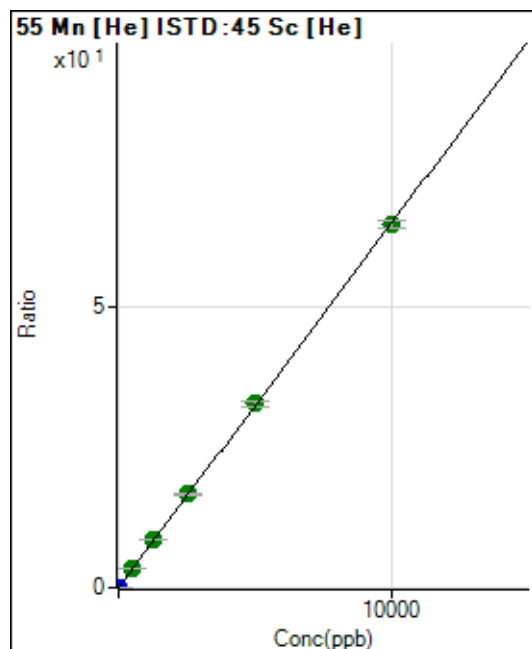
$$y = 4.1757E-004 * x + 0.0039$$

$$R = 1.0000$$

$$DL = 0.7914$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.29	0.0004	P	9.7
2	☐	1.000	1.119	3480.87	0.0077	P	3.4
3	☐	500.000	523.088	1545492.60	3.3859	A	1.6
4	☐	1250.000	1308.750	3850118.70	8.4707	A	1.0
5	☐	2500.000	2571.905	7530064.30	16.6460	A	1.6
6	☐	5000.000	5040.824	14885109.52	32.6250	A	2.5
7	☐	10000.000	9953.113	29431633.87	64.4178	A	2.2
8	☐			20538.54	0.0481	P	1.0

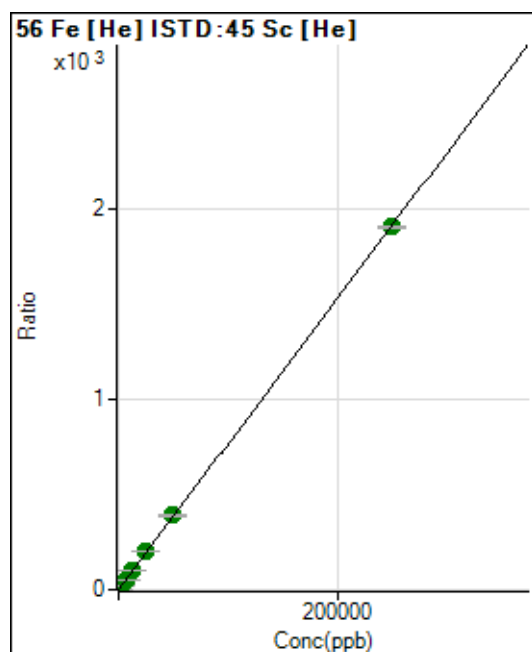
$$y = 0.0065 * x + 4.0634E-004$$

$$R = 1.0000$$

$$DL = 0.01826$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10698.33	0.0237	P	2.7
2	☐	50.000	52.293	192292.28	0.4226	P	0.4
3	☐	2500.000	2795.416	9743463.67	21.3467	A	2.2
4	☐	6250.000	6837.086	23714506.59	52.1760	A	0.9
5	☐	12500.000	13223.129	45639007.65	100.8878	A	1.5
6	☐	25000.000	26240.039	91335630.86	200.1788	A	1.4
7	☐	50000.000	51478.811	179411032.8	392.6964	A	2.6
8	☐	250000.00	249526.44	812723845.6	1,903.373	A	0.3

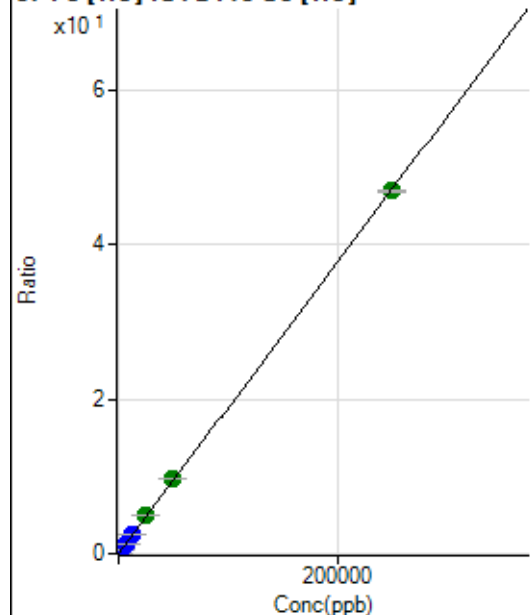
$$y = 0.0076 * x + 0.0237$$

$$R = 1.0000$$

$$DL = 0.253$$

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	304.45	0.0007	P	8.2
2	☐	50.000	54.626	4989.77	0.0110	P	4.3
3	☐	2500.000	2844.392	244951.63	0.5366	P	0.2
4	☐	6250.000	7010.515	600673.65	1.3216	P	0.9
5	☐	12500.000	13627.551	1161885.67	2.5684	P	1.2
6	☐	25000.000	26272.481	2258846.41	4.9509	A	2.4
7	☐	50000.000	51756.529	4456586.81	9.7526	A	1.0
8	☐	250000.00	249442.61	20068888.45	47.0006	A	0.2

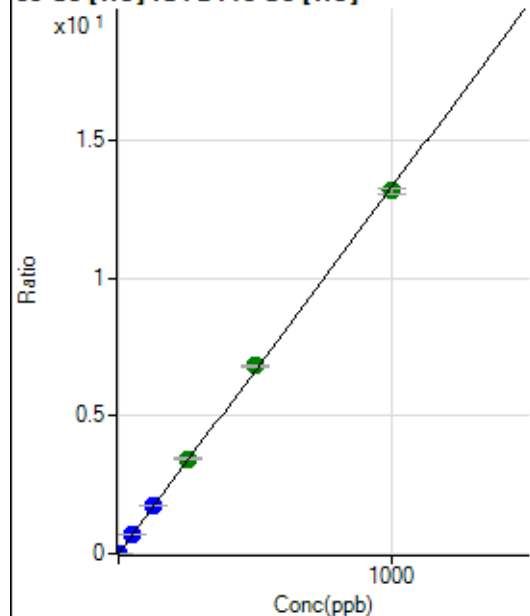
$$y = 1.8842\text{E-}004 * x + 6.7503\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.8864$$

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	43.33	0.0001	P	19.9
2	☐	1.000	1.023	6235.79	0.0137	P	2.0
3	☐	50.000	52.534	319008.35	0.6988	P	0.6
4	☐	125.000	129.980	785823.65	1.7289	P	0.4
5	☐	250.000	259.205	1559616.22	3.4477	A	2.1
6	☐	500.000	512.268	3109010.06	6.8137	A	1.6
7	☐	1000.000	990.816	6021519.08	13.1788	A	1.8
8	☐			5578.87	0.0131	P	3.9

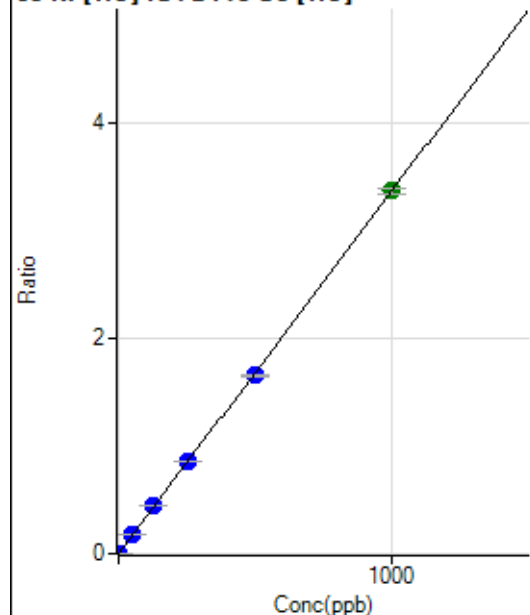
$$y = 0.0133 * x + 9.6030\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.004316$$

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	56.67	0.0001	P	11.6
2	☐	1.000	0.995	1580.10	0.0035	P	5.4
3	☐	50.000	54.209	83251.73	0.1824	P	1.1
4	☐	125.000	133.702	204371.83	0.4497	P	0.7
5	☐	250.000	255.440	388568.74	0.8590	P	1.4
6	☐	500.000	491.757	754478.92	1.6535	P	1.1
7	☐	1000.000	1001.463	1538529.61	3.3672	A	1.8
8	☐			3233.71	0.0076	P	3.7

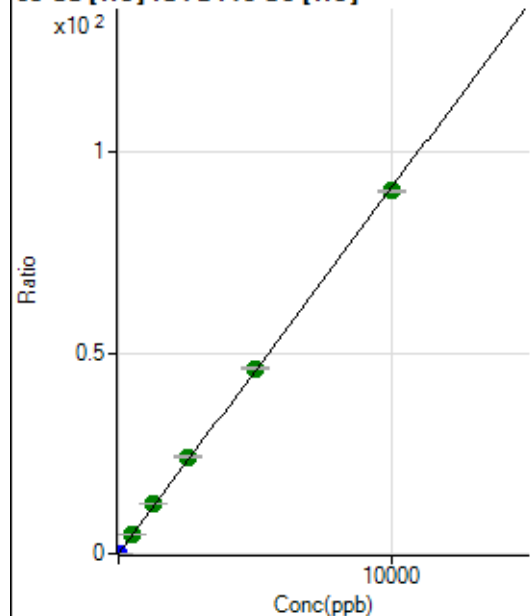
$$y = 0.0034 * x + 1.2565E-004$$

$$R = 0.9999$$

$$DL = 0.01306$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	860.03	0.0019	P	5.2
2	☐	2.000	2.045	9340.77	0.0205	P	0.5
3	☐	500.000	545.893	2270198.65	4.9736	A	1.9
4	☐	1250.000	1367.534	5661655.68	12.4566	A	1.2
5	☐	2500.000	2640.810	10881293.73	24.0529	A	1.0
6	☐	5000.000	5061.897	21035542.19	46.1027	A	1.2
7	☐	10000.000	9916.863	41271241.33	90.3189	A	0.8
8	☐			8632.56	0.0202	P	2.2

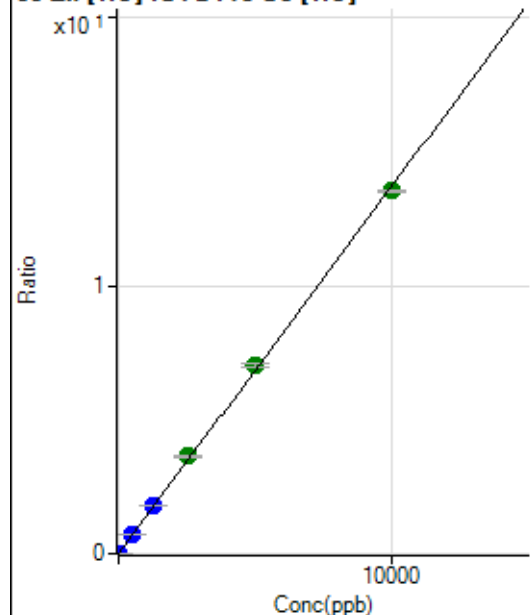
$$y = 0.0091 * x + 0.0019$$

$$R = 0.9998$$

$$DL = 0.03284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0006	P	9.9
2	☐	2.000	2.309	1712.34	0.0038	P	3.7
3	☐	500.000	535.013	334586.88	0.7330	P	0.7
4	☐	1250.000	1328.942	827087.16	1.8197	P	0.5
5	☐	2500.000	2646.908	1639223.50	3.6238	A	2.2
6	☐	5000.000	5132.983	3206045.64	7.0269	A	2.4
7	☐	10000.000	9885.163	6183392.75	13.5319	A	0.8
8	☐			4536.28	0.0106	P	3.6

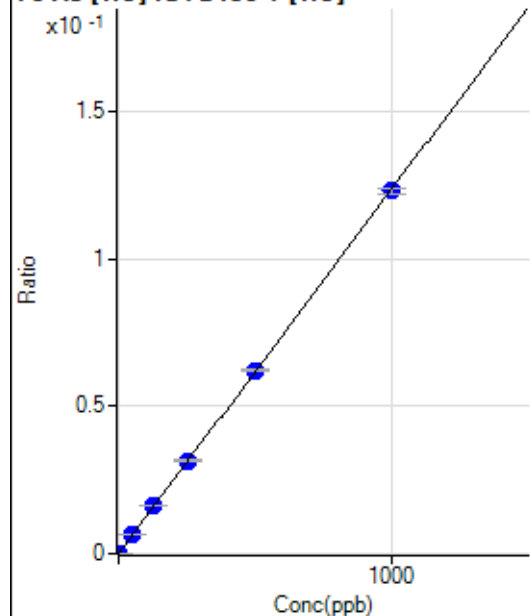
$$y = 0.0014 * x + 6.0357E-004$$

$$R = 0.9997$$

$$DL = 0.1316$$

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	0.00	0.0000	P	
2	☐	1.000	1.069	431.12	0.0001	P	8.1
3	☐	50.000	52.659	21195.24	0.0065	P	2.3
4	☐	125.000	131.819	52533.69	0.0163	P	1.1
5	☐	250.000	255.394	103410.31	0.0316	P	1.1
6	☐	500.000	503.553	205203.34	0.0623	P	1.4
7	☐	1000.000	995.890	405651.66	0.1232	P	1.4
8	☐			100.00	0.0000	P	17.8

$$y = 1.2374E-004 * x + 0.0000E+000$$

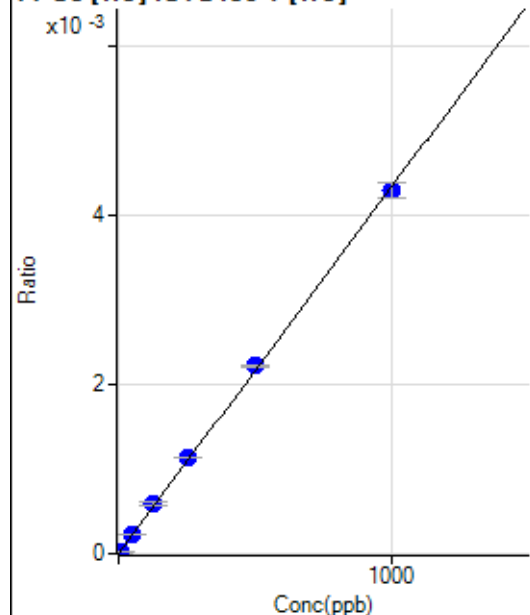
$$R = 1.0000$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.276	75.56	0.0000	P	10.7
3	☐	50.000	53.578	755.58	0.0002	P	1.5
4	☐	125.000	135.923	1896.81	0.0006	P	5.6
5	☐	250.000	261.466	3704.94	0.0011	P	0.8
6	☐	500.000	511.943	7299.64	0.0022	P	1.4
7	☐	1000.000	989.616	14100.14	0.0043	P	4.1
8	☐			4.44	0.0000	P	44.1

$$y = 4.3289\text{E-}006 * x + 3.3959\text{E-}007$$

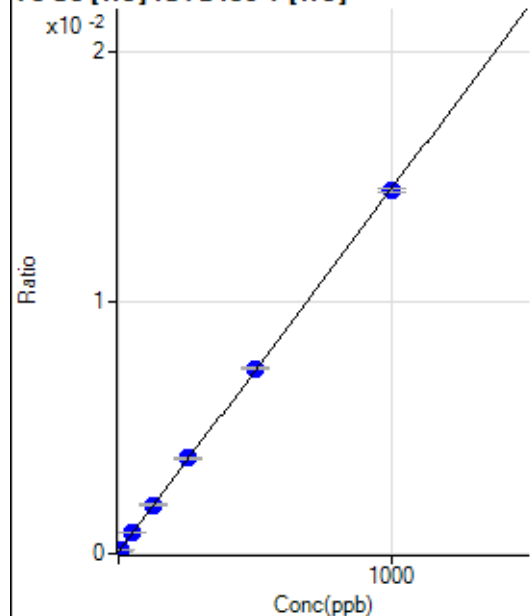
$$R = 0.9998$$

$$DL = 0.4076$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	204.45	0.0001	P	4.1
2	☐	5.000	5.459	465.57	0.0001	P	21.9
3	☐	50.000	52.661	2686.94	0.0008	P	3.8
4	☐	125.000	130.061	6270.27	0.0019	P	0.7
5	☐	250.000	258.964	12476.45	0.0038	P	1.7
6	☐	500.000	505.907	24331.18	0.0074	P	1.3
7	☐	1000.000	994.037	47586.20	0.0145	P	0.9
8	☐			216.67	0.0001	P	4.6

$$y = 1.4478\text{E-}005 * x + 6.3622\text{E-}005$$

$$R = 0.9999$$

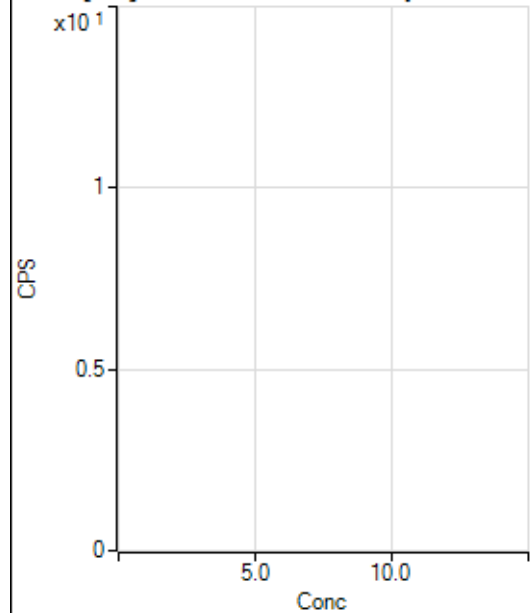
$$DL = 0.54$$

Weight: <None>

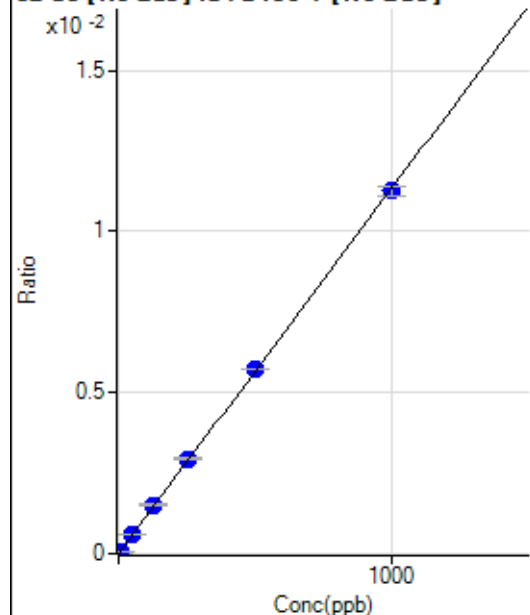
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34824.53		P	1.6
2	☐			35586.46		P	1.2
3	☐			35472.76		P	0.7
4	☐			36413.90		P	0.5
5	☐			37074.43		P	1.1
6	☐			37707.11		P	1.5
7	☐			38314.23		P	1.3
8	☐			37662.59		P	0.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	8.7
2	☐			64.44		P	26.5
3	☐			82.22		P	6.2
4	☐			67.78		P	15.0
5	☐			83.33		P	12.0
6	☐			82.22		P	16.4
7	☐			80.00		P	25.3
8	☐			103.33		P	14.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.68	0.0000	P	102.
2	☐	5.000	5.009	821.51	0.0001	P	1.8
3	☐	50.000	52.586	8470.47	0.0006	P	2.6
4	☐	125.000	133.614	21364.90	0.0015	P	2.3
5	☐	250.000	260.348	41947.99	0.0030	P	1.8
6	☐	500.000	504.860	82340.96	0.0057	P	0.7
7	☐	1000.000	993.777	163712.70	0.0113	P	2.6
8	☐			285.15	0.0000	P	9.9

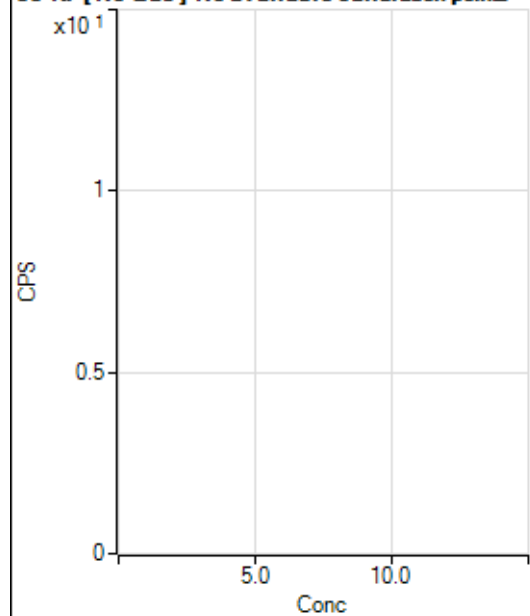
$$y = 1.1326E-005 * x + 2.2922E-006$$

$$R = 0.9999$$

$$DL = 0.6192$$

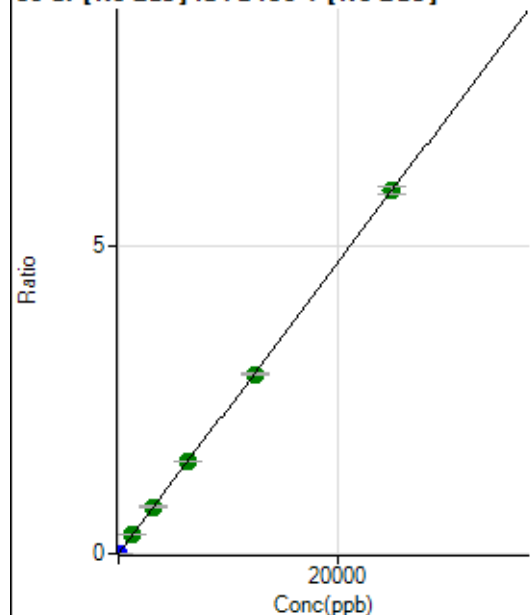
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			177.78		P	7.1
2	☐			193.34		P	12.1
3	☐			152.23		P	3.3
4	☐			176.67		P	8.2
5	☐			198.89		P	7.6
6	☐			207.78		P	6.7
7	☐			193.34		P	19.0
8	☐			258.89		P	12.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	320.01	0.0000	P	7.8
2	☐	1.000	0.952	3450.44	0.0002	P	1.9
3	☐	1250.000	1278.134	4278692.96	0.3020	A	1.8
4	☐	3125.000	3239.086	10788013.66	0.7652	A	1.5
5	☐	6250.000	6335.371	21276889.68	1.4967	A	0.8
6	☐	12500.000	12396.404	42157273.81	2.9286	A	1.0
7	☐	25000.000	25014.788	85947982.05	5.9097	A	2.1
8	☐			28380.78	0.0022	P	4.6

$$y = 2.3625E-004 * x + 2.3079E-005$$

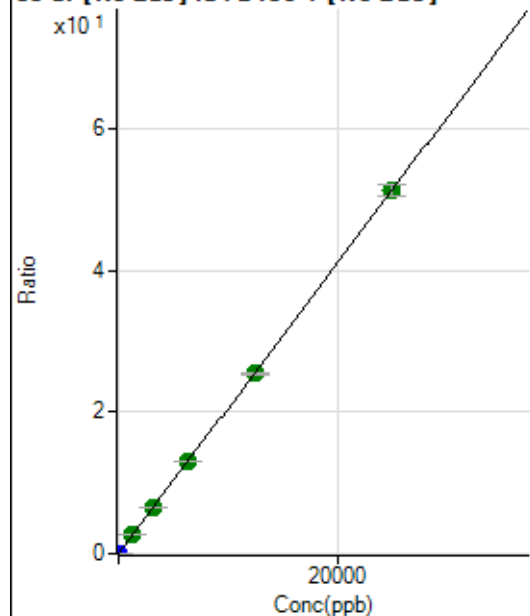
$$R = 1.0000$$

$$DL = 0.02284$$

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	307.79	0.0000	P	10.2
2	☐	1.000	0.952	27487.95	0.0020	P	1.7
3	☐	1250.000	1279.611	37178527.22	2.6241	A	3.0
4	☐	3125.000	3207.593	92734375.28	6.5778	A	1.2
5	☐	6250.000	6351.684	185159757.2	13.0253	A	1.6
6	☐	12500.000	12421.102	366663750.0	25.4718	A	1.4
7	☐	25000.000	25002.223	745570237.7	51.2718	A	3.2
8	☐			243024.99	0.0186	P	4.6

$$y = 0.0021 * x + 2.2183E-005$$

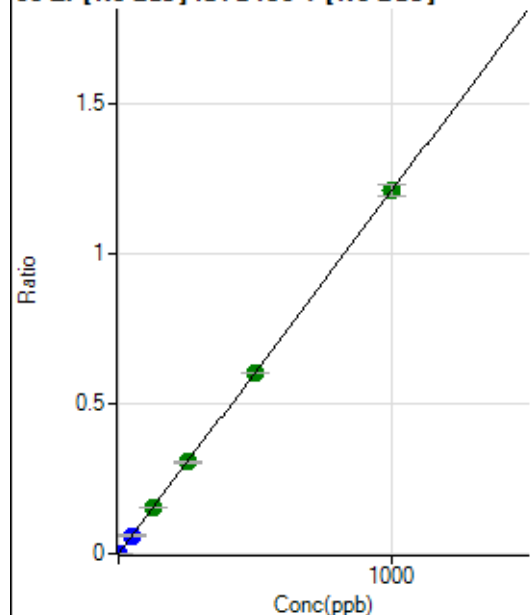
$$R = 1.0000$$

$$DL = 0.003296$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	588.91	0.0000	P	3.8
2	☐	1.000	0.916	16023.27	0.0012	P	2.7
3	☐	50.000	49.996	857872.45	0.0605	P	2.0
4	☐	125.000	128.724	2196762.17	0.1558	A	1.0
5	☐	250.000	252.022	4336239.62	0.3050	A	1.0
6	☐	500.000	497.779	8672018.55	0.6024	A	0.6
7	☐	1000.000	1000.140	17600551.68	1.2104	A	3.3
8	☐			5215.42	0.0004	P	5.0

$$y = 0.0012 * x + 4.2463E-005$$

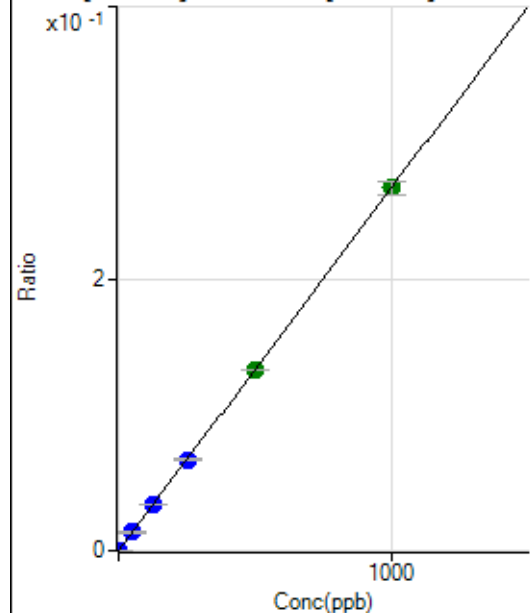
$$R = 1.0000$$

$$DL = 0.003955$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0000	P	21.1
2	☐	1.000	0.928	3539.35	0.0003	P	1.7
3	☐	50.000	50.622	191424.58	0.0135	P	2.3
4	☐	125.000	127.495	479535.15	0.0340	P	2.3
5	☐	250.000	250.882	951463.47	0.0669	P	1.7
6	☐	500.000	499.215	1917027.09	0.1332	A	0.4
7	☐	1000.000	999.829	3878489.39	0.2667	A	3.4
8	☐			1095.61	0.0001	P	0.9

$$y = 2.6676E-004 * x + 6.8215E-006$$

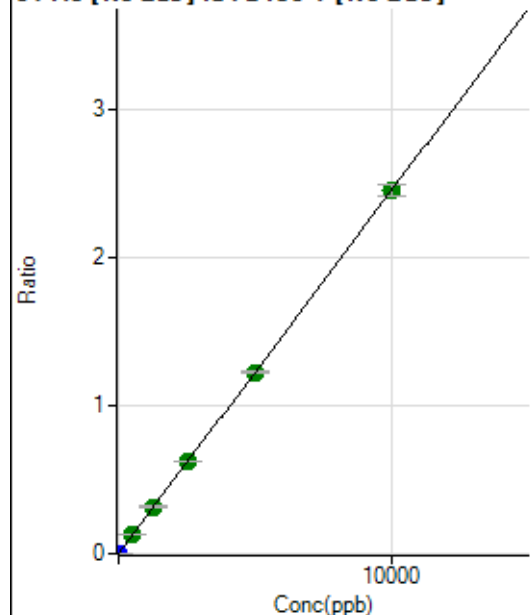
$$R = 1.0000$$

$$DL = 0.01622$$

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	204.45	0.0000	P	22.1
2	☐	5.000	5.498	18989.07	0.0014	P	1.6
3	☐	500.000	511.025	1777805.27	0.1255	A	2.2
4	☐	1250.000	1291.232	4469527.47	0.3170	A	2.0
5	☐	2500.000	2548.170	8893587.23	0.6256	A	0.9
6	☐	5000.000	4985.692	17620054.60	1.2241	A	1.3
7	☐	10000.000	9989.406	35662836.41	2.4525	A	3.3
8	☐			9896.77	0.0008	P	8.8

$$y = 2.4551E-004 * x + 1.4712E-005$$

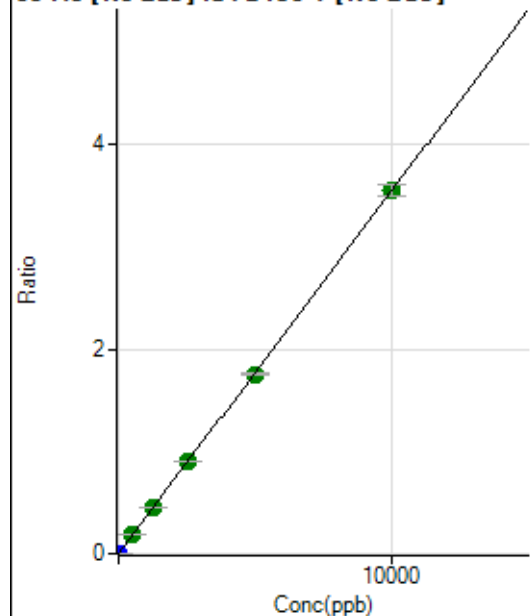
$$R = 1.0000$$

$$DL = 0.0398$$

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	17.78	0.0000	P	11.4
2	☐	5.000	4.650	22979.22	0.0017	P	2.8
3	☐	500.000	513.078	2579387.13	0.1821	A	2.9
4	☐	1250.000	1284.791	6427535.11	0.4559	A	1.3
5	☐	2500.000	2547.338	12849410.22	0.9039	A	1.5
6	☐	5000.000	4956.772	25317676.01	1.7589	A	1.7
7	☐	10000.000	10004.777	51623902.01	3.5501	A	3.3
8	☐			12366.45	0.0009	P	8.9

$$y = 3.5484E-004 * x + 1.2826E-006$$

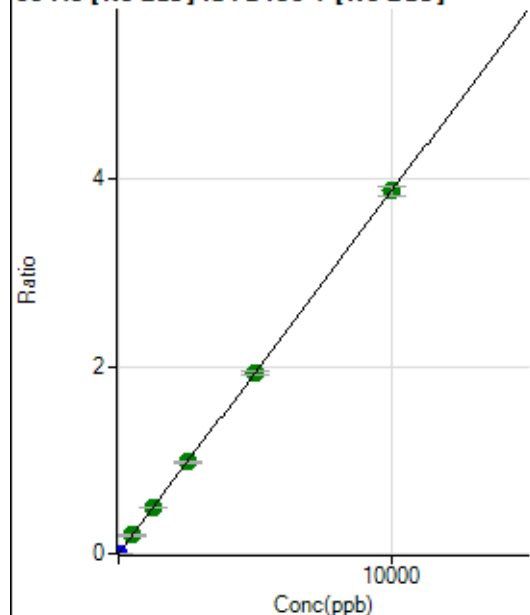
$$R = 1.0000$$

$$DL = 0.001241$$

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	93.33	0.0000	P	15.0
2	☐	5.000	4.705	25456.66	0.0018	P	2.2
3	☐	500.000	507.228	2784202.72	0.1965	A	2.4
4	☐	1250.000	1277.697	6978737.88	0.4950	A	1.0
5	☐	2500.000	2524.937	13905433.54	0.9782	A	1.5
6	☐	5000.000	4970.208	27716662.09	1.9255	A	2.0
7	☐	10000.000	10004.839	56369597.50	3.8760	A	2.4
8	☐			32505.09	0.0025	P	2.8

$$y = 3.8741E-004 * x + 6.7206E-006$$

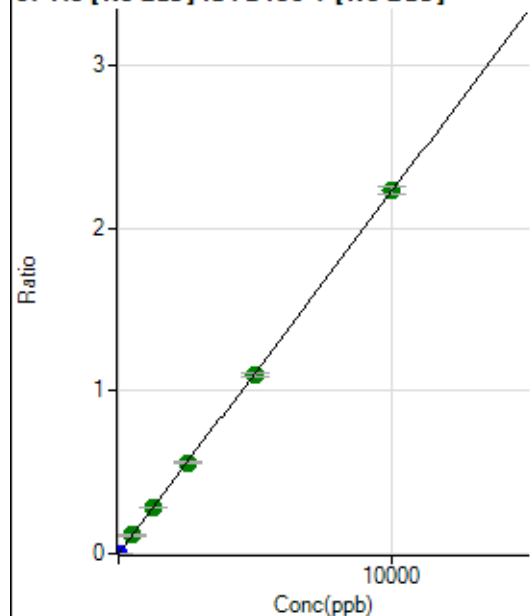
$$R = 1.0000$$

$$DL = 0.007808$$

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	18.89	0.0000	P	62.6
2	☐	5.000	4.613	14291.54	0.0010	P	0.7
3	☐	500.000	506.662	1595989.06	0.1126	A	2.6
4	☐	1250.000	1286.344	4031454.56	0.2860	A	2.1
5	☐	2500.000	2511.005	7935617.73	0.5582	A	2.2
6	☐	5000.000	4942.506	15816982.82	1.0988	A	1.6
7	☐	10000.000	10021.120	32401575.91	2.2279	A	2.1
8	☐			8187.91	0.0006	P	7.1

$$y = 2.2232E-004 * x + 1.3692E-006$$

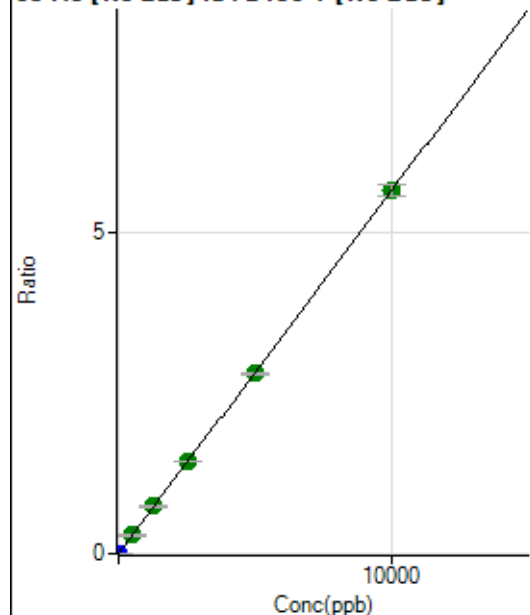
$$R = 1.0000$$

$$DL = 0.01157$$

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	16.67	0.0000	P	53.8
2	☐	5.000	4.705	37046.92	0.0027	P	1.8
3	☐	500.000	505.244	4048724.00	0.2857	A	2.0
4	☐	1250.000	1298.610	10353458.18	0.7344	A	2.1
5	☐	2500.000	2547.338	20480296.92	1.4407	A	0.4
6	☐	5000.000	4967.425	40440168.01	2.8094	A	1.2
7	☐	10000.000	9998.115	82222967.66	5.6545	A	3.3
8	☐			19129.34	0.0015	P	8.5

$$y = 5.6556\text{E-}004 * x + 1.2059\text{E-}006$$

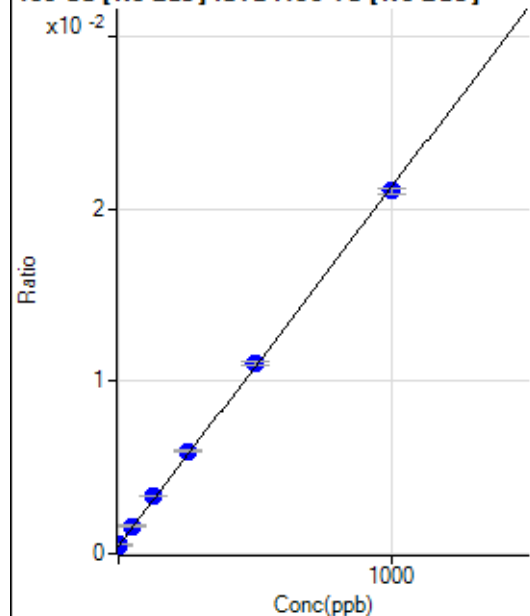
$$R = 1.0000$$

$$DL = 0.003443$$

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	5095.40	0.0004	P	0.5
2	☐	1.000	3.372	5979.07	0.0005	P	0.6
3	☐	50.000	56.221	19249.52	0.0016	P	2.3
4	☐	125.000	139.750	39922.48	0.0034	P	0.3
5	☐	250.000	264.364	72002.93	0.0059	P	2.4
6	☐	500.000	509.458	135450.58	0.0111	P	1.7
7	☐	1000.000	989.523	260677.28	0.0211	P	1.9
8	☐			5398.84	0.0005	P	1.2

$$y = 2.0831\text{E-}005 * x + 4.4177\text{E-}004$$

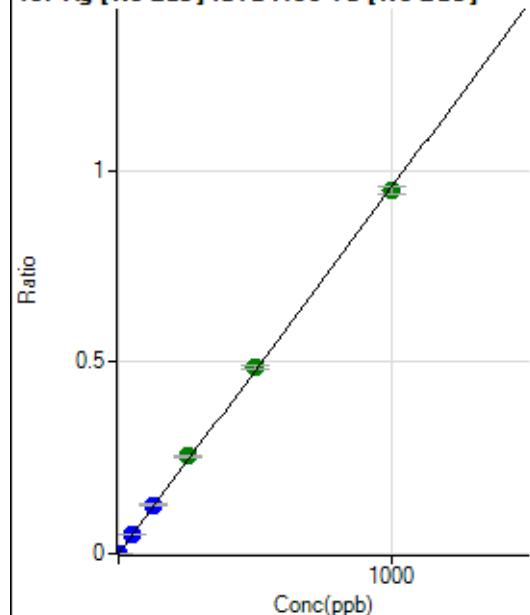
$$R = 0.9998$$

$$DL = 0.3036$$

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	63.33	0.0000	P	18.0
2	☐	1.000	1.017	11420.14	0.0010	P	1.2
3	☐	50.000	53.713	612885.38	0.0514	P	5.0
4	☐	125.000	133.490	1520161.63	0.1277	P	1.5
5	☐	250.000	266.995	3091057.77	0.2554	A	2.0
6	☐	500.000	508.114	5954775.68	0.4860	A	2.3
7	☐	1000.000	990.448	11728292.33	0.9473	A	2.1
8	☐			5194.32	0.0005	P	5.6

$$y = 9.5643\text{E-}004 * x + 5.4895\text{E-}006$$

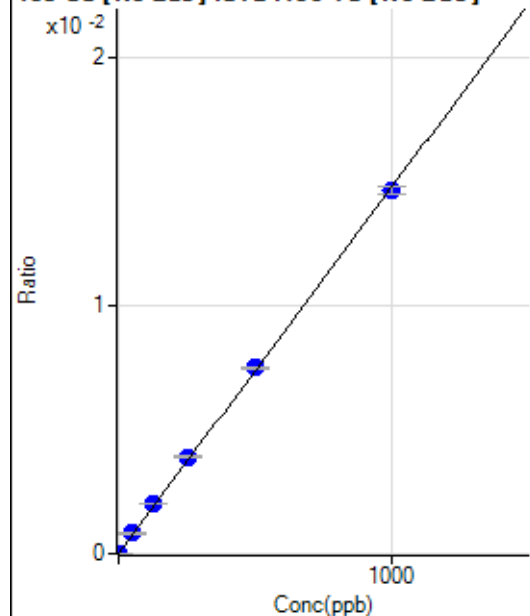
$$R = 0.9998$$

$$DL = 0.003106$$

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	13.33	0.0000	P	43.6
2	☐	1.000	1.012	187.78	0.0000	P	20.1
3	☐	50.000	55.152	9730.00	0.0008	P	4.7
4	☐	125.000	137.203	24137.97	0.0020	P	1.5
5	☐	250.000	264.296	47260.11	0.0039	P	0.9
6	☐	500.000	507.873	91915.69	0.0075	P	1.3
7	☐	1000.000	990.706	181152.57	0.0146	P	2.0
8	☐			117.78	0.0000	P	11.2

$$y = 1.4768\text{E-}005 * x + 1.1568\text{E-}006$$

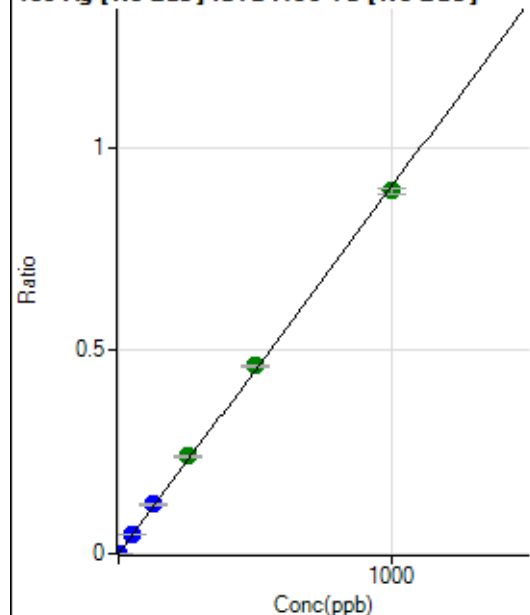
$$R = 0.9998$$

$$DL = 0.1024$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	54.0
2	☐	1.000	1.012	10707.37	0.0009	P	2.1
3	☐	50.000	53.512	577373.27	0.0484	P	4.6
4	☐	125.000	134.162	1444588.62	0.1213	P	2.4
5	☐	250.000	266.072	2912842.14	0.2406	A	1.2
6	☐	500.000	512.293	5677333.25	0.4633	A	0.9
7	☐	1000.000	988.515	11069445.81	0.8940	A	1.5
8	☐			4806.40	0.0004	P	5.1

$$y = 9.0440\text{E-}004 * x + 1.5400\text{E-}006$$

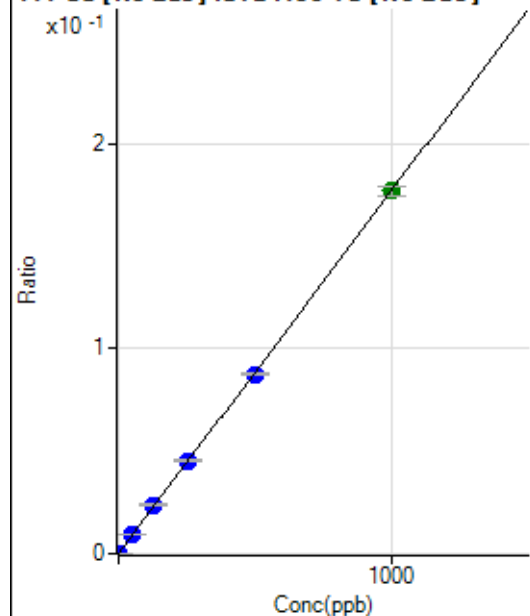
$$R = 0.9997$$

$$DL = 0.002759$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1010.86	0.0001	P	0.5
2	☐	1.000	1.142	3383.47	0.0003	P	0.2
3	☐	50.000	52.853	112676.52	0.0094	P	4.3
4	☐	125.000	133.690	282814.14	0.0238	P	2.8
5	☐	250.000	256.466	550651.88	0.0455	P	1.4
6	☐	500.000	495.048	1074946.21	0.0877	P	1.8
7	☐	1000.000	999.631	2192027.98	0.1771	A	2.4
8	☐			1821.80	0.0002	P	5.3

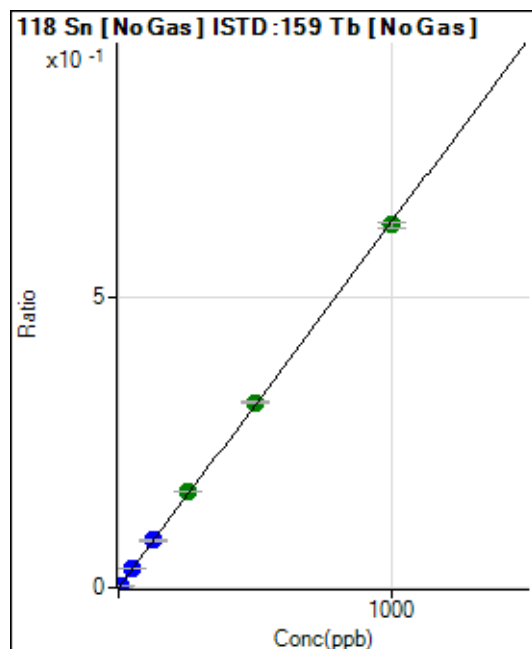
$$y = 1.7703\text{E-}004 * x + 8.7642\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.008137$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1246.74	0.0001	P	4.1
2	☐	5.000	4.822	36673.27	0.0031	P	0.2
3	☐	50.000	50.959	383624.80	0.0322	P	4.3
4	☐	125.000	130.018	974748.08	0.0819	P	2.6
5	☐	250.000	262.769	2001716.53	0.1654	A	0.7
6	☐	500.000	507.488	3911961.47	0.3193	A	1.8
7	☐	1000.000	992.390	7728684.95	0.6242	A	1.6
8	☐			8354.72	0.0008	P	2.4

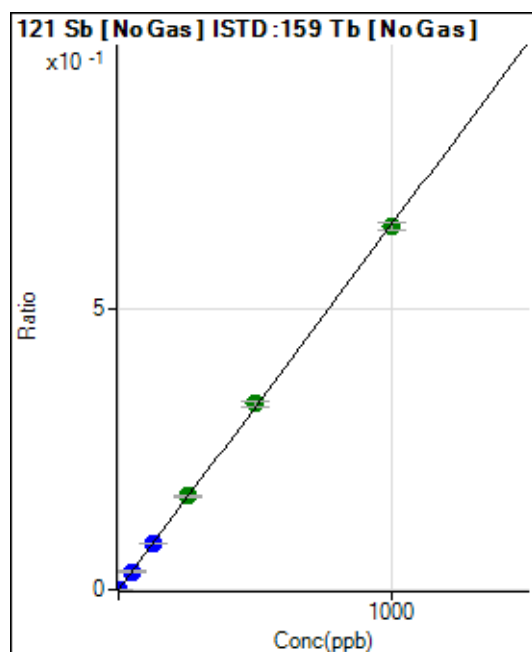
$$y = 6.2889\text{E-}004 * x + 1.0808\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.02127$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	21.2
2	☐	2.000	1.915	14633.15	0.0013	P	1.8
3	☐	50.000	49.726	386780.33	0.0324	P	4.1
4	☐	125.000	126.554	982196.64	0.0825	P	2.2
5	☐	250.000	256.739	2025722.96	0.1674	A	2.2
6	☐	500.000	508.608	4062319.73	0.3315	A	2.4
7	☐	1000.000	993.831	8020437.87	0.6478	A	2.3
8	☐			4970.91	0.0005	P	4.1

$$y = 6.5184\text{E-}004 * x + 4.9123\text{E-}006$$

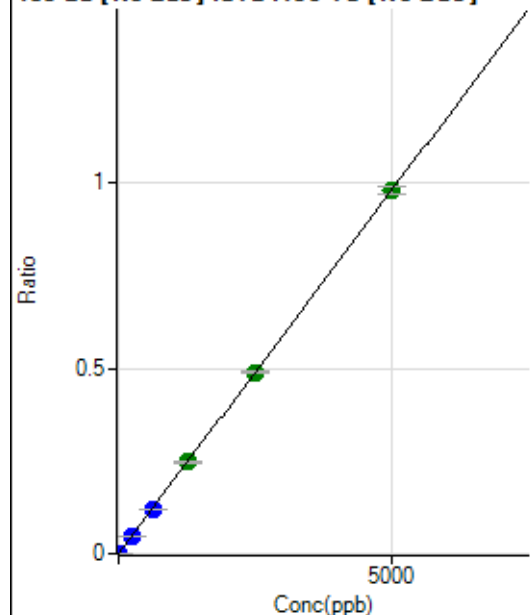
$$R = 0.9999$$

$$DL = 0.004784$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	34.5
2	☐	10.000	9.114	20885.42	0.0018	P	2.2
3	☐	250.000	242.528	567406.36	0.0476	P	4.8
4	☐	625.000	610.598	1425670.50	0.1197	P	2.2
5	☐	1250.000	1268.060	3010196.59	0.2487	A	1.7
6	☐	2500.000	2500.637	6009067.97	0.4904	A	1.7
7	☐	5000.000	4997.342	12133636.21	0.9800	A	2.2
8	☐			6660.50	0.0006	P	2.2

$$y = 1.9611\text{E-}004 * x + 1.4443\text{E-}006$$

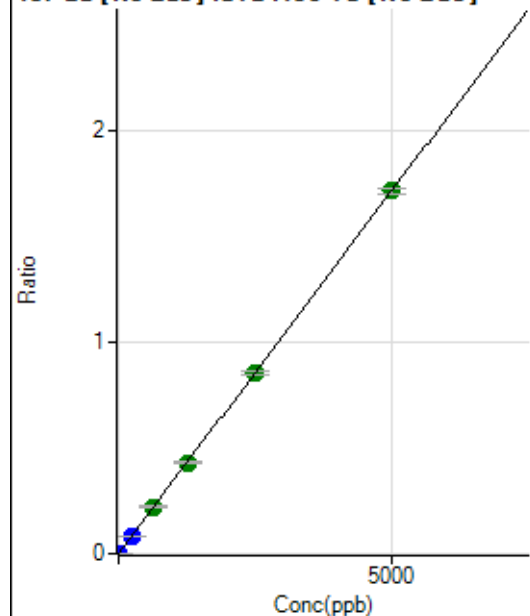
$$R = 1.0000$$

$$DL = 0.007618$$

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	31.11	0.0000	P	12.2
2	☐	10.000	9.153	36594.85	0.0031	P	0.9
3	☐	250.000	239.543	977696.15	0.0820	P	4.3
4	☐	625.000	649.638	2645952.81	0.2222	A	2.4
5	☐	1250.000	1256.087	5201352.87	0.4297	A	2.2
6	☐	2500.000	2486.270	10422193.18	0.8506	A	1.8
7	☐	5000.000	5002.788	21190923.57	1.7115	A	1.6
8	☐			11290.14	0.0010	P	3.8

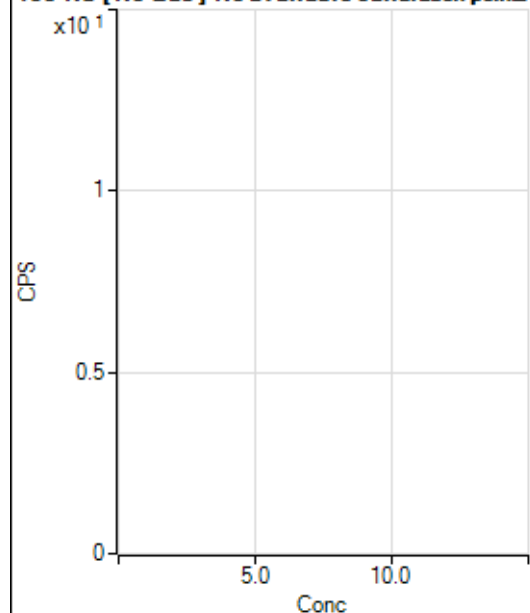
$$y = 3.4210\text{E-}004 * x + 2.6968\text{E-}006$$

$$R = 1.0000$$

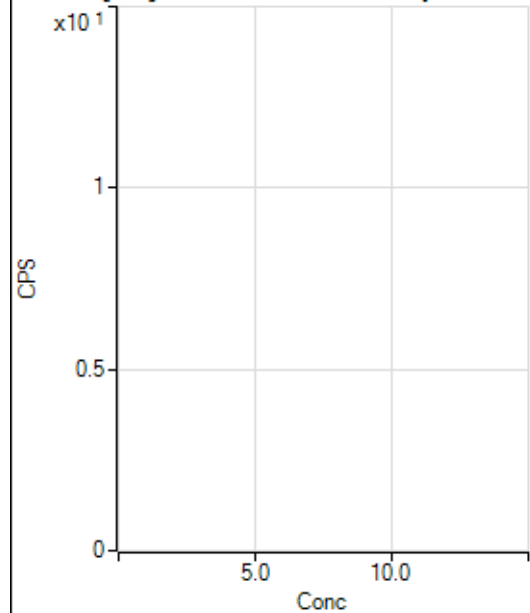
$$DL = 0.002876$$

Weight: <None>

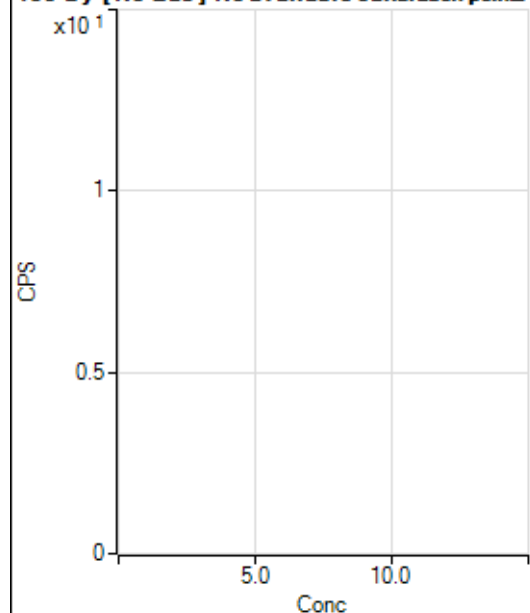
Min Conc: 0

150 Nd [No Gas] No available calibration points

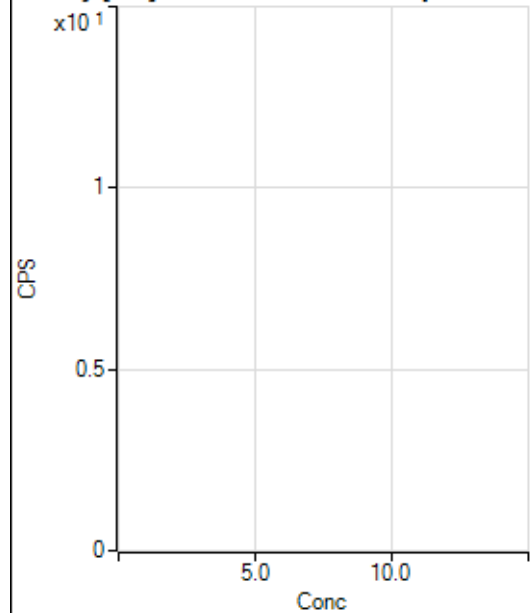
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	88.2
2	☐			18.89		P	20.4
3	☐			105.56		P	6.6
4	☐			223.34		P	9.3
5	☐			440.01		P	13.1
6	☐			851.15		P	5.2
7	☐			1663.45		P	2.6
8	☐			68.89		P	23.9

150 Nd [He] No available calibration points

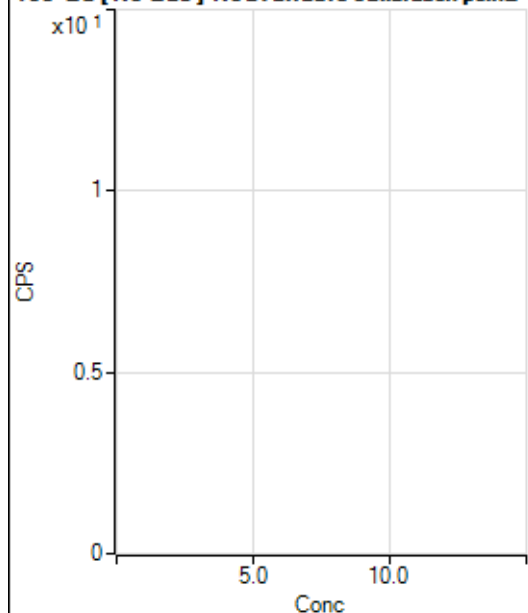
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			1.11		P	173.
3	☐			31.11		P	43.3
4	☐			45.56		P	36.1
5	☐			75.56		P	41.0
6	☐			146.67		P	16.4
7	☐			307.79		P	2.3
8	☐			53.33		P	27.2

156 Dy [No Gas] No available calibration points

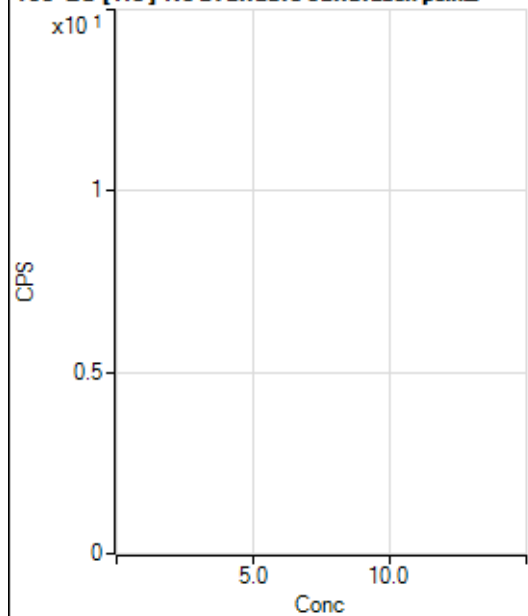
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			11.11		P	17.3
3	☐			50.00		P	24.0
4	☐			77.78		P	13.1
5	☐			197.78		P	14.0
6	☐			346.67		P	16.7
7	☐			765.58		P	7.3
8	☐			2015.72		P	4.6

156 Dy [He] No available calibration points

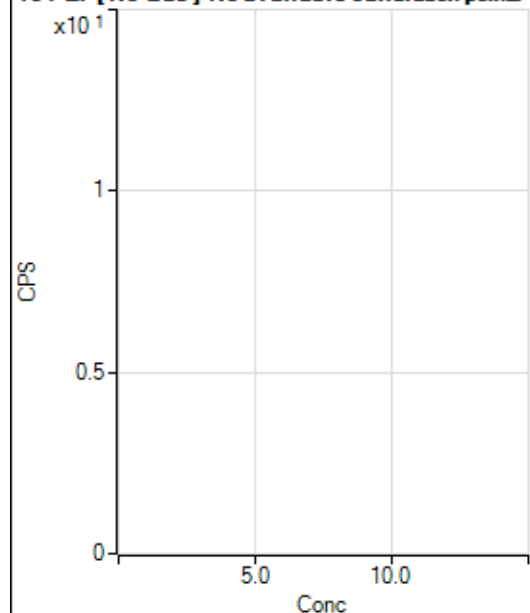
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			11.11		P	62.5
3	☐			57.78		P	20.3
4	☐			110.00		P	16.9
5	☐			171.11		P	7.4
6	☐			336.67		P	10.3
7	☐			697.80		P	4.5
8	☐			1370.08		P	1.1

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

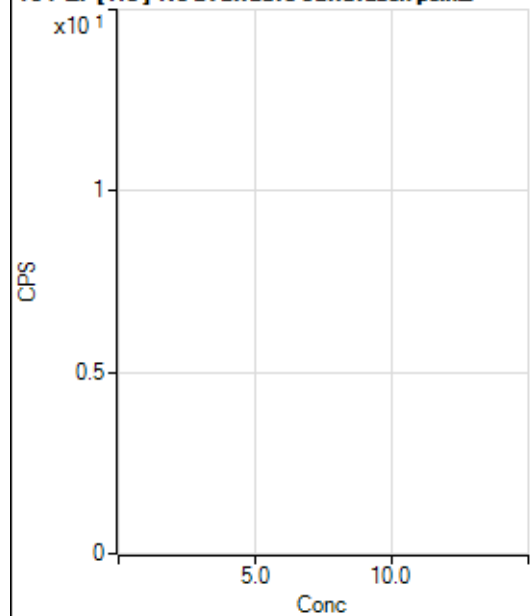
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	18.4
2	☐			53.33		P	25.0
3	☐			68.89		P	15.6
4	☐			122.22		P	16.4
5	☐			176.67		P	32.7
6	☐			331.12		P	3.1
7	☐			568.90		P	3.4
8	☐			2157.97		P	5.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			310.01		P	16.7
2	☐			268.89		P	10.5
3	☐			285.56		P	10.8
4	☐			308.90		P	0.6
5	☐			366.68		P	7.1
6	☐			442.24		P	9.8
7	☐			610.02		P	4.1
8	☐			1702.34		P	4.0

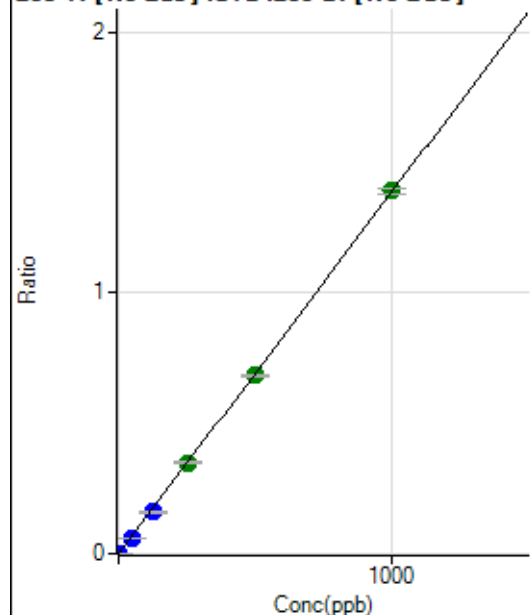
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			87.78		P	2.2
2	☐			74.44		P	2.6
3	☐			93.33		P	24.7
4	☐			125.56		P	4.1
5	☐			114.45		P	6.1
6	☐			136.67		P	4.2
7	☐			194.45		P	26.0
8	☐			167.78		P	6.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	9.4
2	☐			46.67		P	18.9
3	☐			72.22		P	34.6
4	☐			75.56		P	19.9
5	☐			61.11		P	3.1
6	☐			84.44		P	6.0
7	☐			111.11		P	25.0
8	☐			110.00		P	10.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0000	P	48.1
2	☐	1.000	0.840	8955.25	0.0012	P	2.0
3	☐	50.000	44.640	482589.82	0.0618	P	2.7
4	☐	125.000	114.964	1222099.13	0.1592	P	1.5
5	☐	250.000	251.391	2687608.57	0.3481	A	1.3
6	☐	500.000	492.854	5312162.32	0.6824	A	0.1
7	☐	1000.000	1004.748	10532099.77	1.3911	A	1.6
8	☐			1912.38	0.0003	P	16.8

$$y = 0.0014 * x + 2.7816E-006$$

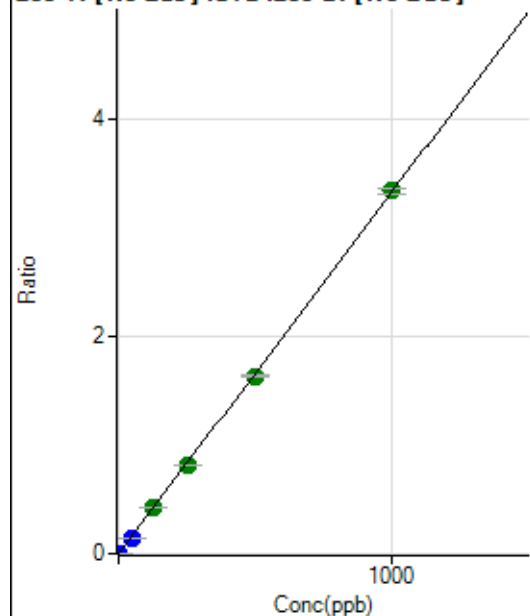
$$R = 0.9999$$

$$DL = 0.0029$$

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	85.56	0.0000	P	14.5
2	☐	1.000	0.841	21509.30	0.0028	P	0.7
3	☐	50.000	44.352	1148520.24	0.1471	P	3.1
4	☐	125.000	125.891	3205702.80	0.4176	A	0.6
5	☐	250.000	245.471	6286730.46	0.8142	A	1.5
6	☐	500.000	492.560	12718720.92	1.6337	A	1.3
7	☐	1000.000	1005.023	25237713.24	3.3334	A	1.3
8	☐			4425.22	0.0007	P	10.8

$$y = 0.0033 * x + 1.1297E-005$$

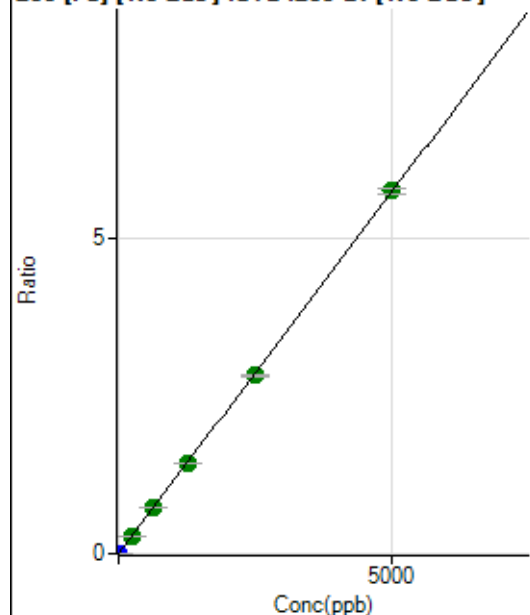
$$R = 0.9999$$

$$DL = 0.001479$$

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	342.23	0.0000	P	12.6
2	☐	1.000	0.822	7592.19	0.0010	P	3.2
3	☐	250.000	246.143	2206824.69	0.2826	A	2.4
4	☐	625.000	632.411	5574299.22	0.7261	A	0.9
5	☐	1250.000	1250.355	11083960.81	1.4355	A	1.1
6	☐	2500.000	2460.962	21993770.23	2.8253	A	0.9
7	☐	5000.000	5018.697	43621488.52	5.7616	A	1.4
8	☐			11133.52	0.0018	P	4.0

$$y = 0.0011 * x + 4.5167E-005$$

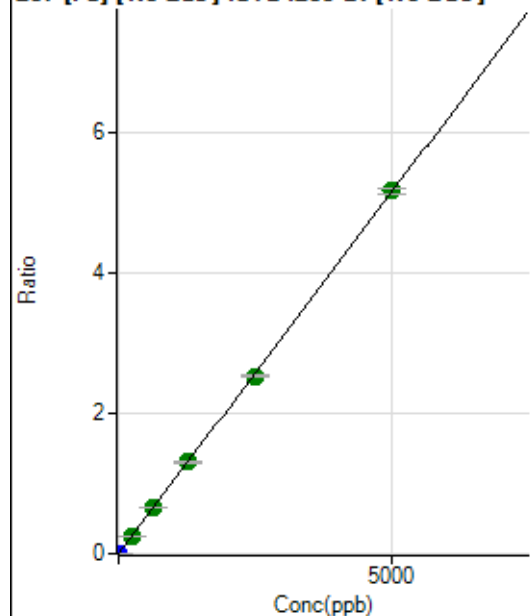
$$R = 1.0000$$

$$DL = 0.01492$$

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	277.78	0.0000	P	7.0
2	☐	1.000	0.804	6628.33	0.0009	P	2.5
3	☐	250.000	246.307	1979181.52	0.2535	A	2.1
4	☐	625.000	636.218	5025856.38	0.6546	A	0.6
5	☐	1250.000	1264.454	10046011.03	1.3010	A	0.8
6	☐	2500.000	2452.148	19640696.10	2.5231	A	1.4
7	☐	5000.000	5019.095	39098920.53	5.1642	A	1.7
8	☐			9447.81	0.0016	P	5.5

$$y = 0.0010 * x + 3.6654E-005$$

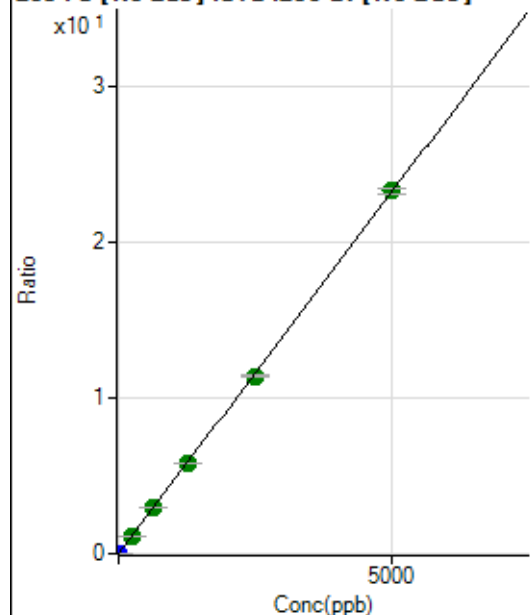
$$R = 0.9999$$

$$DL = 0.007445$$

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	1242.26	0.0002	P	2.8
2	☐	1.000	0.819	30432.51	0.0040	P	1.7
3	☐	250.000	247.250	8959233.18	1.1475	A	2.8
4	☐	625.000	632.335	22528874.73	2.9345	A	0.4
5	☐	1250.000	1252.143	44867026.76	5.8106	A	1.0
6	☐	2500.000	2459.332	88841348.96	11.4125	A	0.8
7	☐	5000.000	5019.019	176339397.6	23.2904	A	1.2
8	☐			43652.12	0.0072	P	3.7

$$y = 0.0046 * x + 1.6392E-004$$

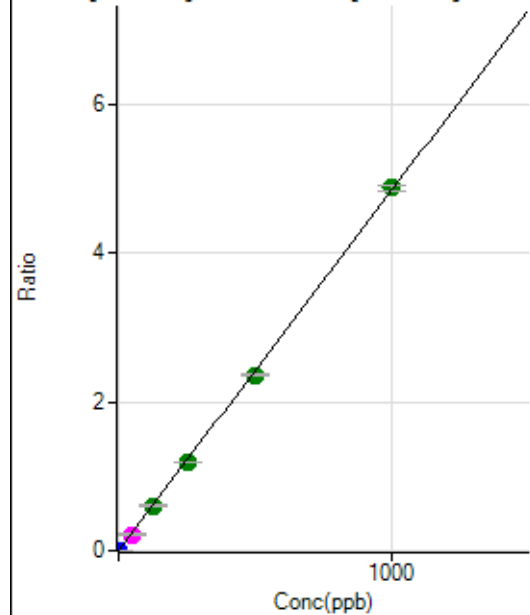
$$R = 0.9999$$

$$DL = 0.002971$$

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	8.89	0.0000	P	57.8
2	☐	1.000	0.790	29350.40	0.0038	P	2.1
3	☐	50.000	45.171	1705229.09	0.2186	M	10.4
4	☐	125.000	125.252	4654070.94	0.6062	A	1.0
5	☐	250.000	246.498	9211644.93	1.1930	A	1.3
6	☐	500.000	488.034	18387448.48	2.3620	A	0.9
7	☐	1000.000	1007.069	36901671.95	4.8740	A	1.3
8	☐			4800.93	0.0008	P	7.5

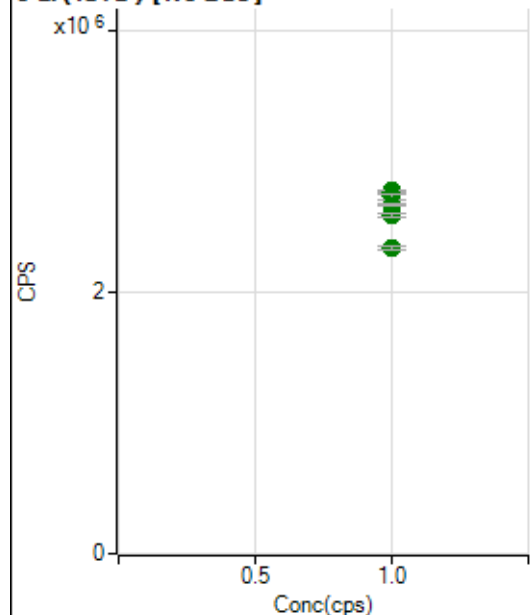
$$y = 0.0048 * x + 1.1762E-006$$

$$R = 0.9999$$

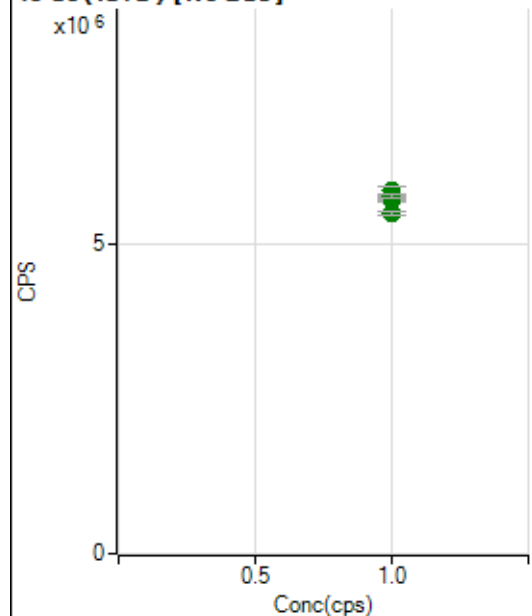
$$DL = 0.0004214$$

Weight: <None>

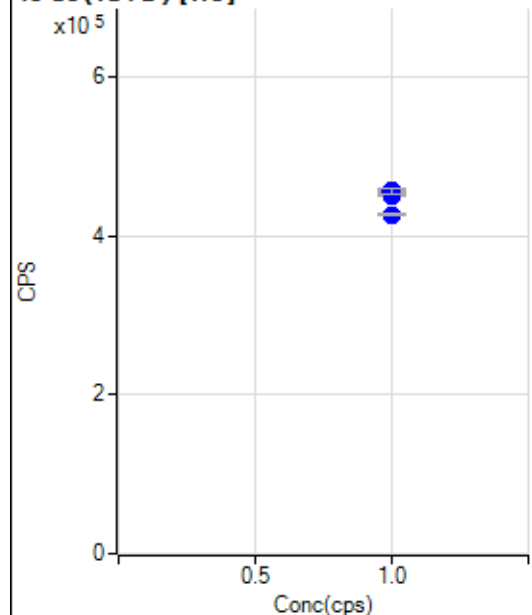
Min Conc: 0

6 Li (ISTD) [No Gas]

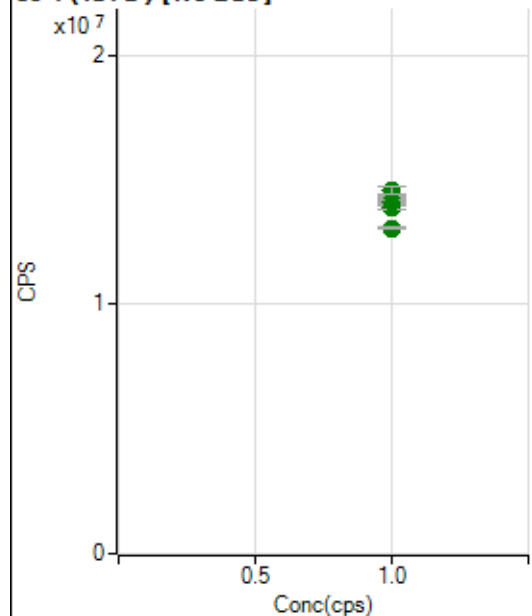
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2769593.92		A	0.8
2	☐	1.000		2756337.21		A	0.2
3	☐	1.000		2761708.43		A	1.4
4	☐	1.000		2723134.47		A	1.4
5	☐	1.000		2660157.58		A	0.1
6	☐	1.000		2659461.17		A	0.7
7	☐	1.000		2580552.56		A	1.3
8	☐	1.000		2331748.49		A	1.6

45 Sc (ISTD) [No Gas]

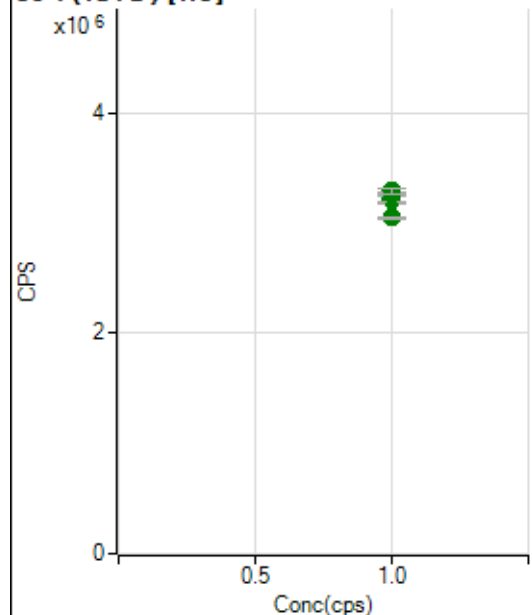
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5780723.53		A	0.4
2	☐	1.000		5773356.93		A	0.4
3	☐	1.000		5862789.50		A	2.1
4	☐	1.000		5776355.75		A	1.5
5	☐	1.000		5722458.04		A	0.9
6	☐	1.000		5744151.72		A	1.3
7	☐	1.000		5780149.01		A	1.0
8	☐	1.000		5492913.25		A	0.9

45 Sc (ISTD) [He]

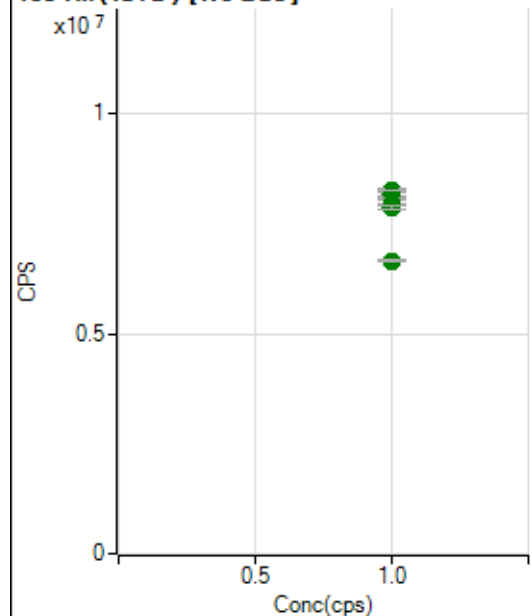
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		450955.80		P	0.5
2	☐	1.000		455024.79		P	0.9
3	☐	1.000		456479.09		P	0.6
4	☐	1.000		454514.45		P	0.3
5	☐	1.000		452418.81		P	1.1
6	☐	1.000		456314.79		P	1.1
7	☐	1.000		456984.46		P	1.5
8	☐	1.000		426993.90		P	0.3

89 Y (ISTD) [No Gas]

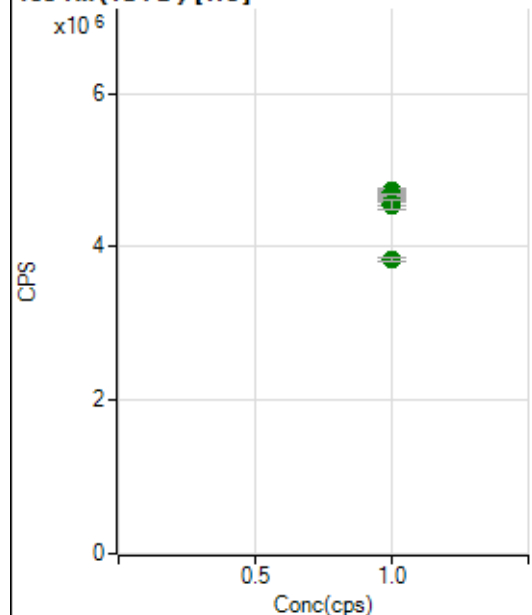
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13869681.60		A	1.3
2	☐	1.000		13917783.68		A	1.1
3	☐	1.000		14170241.59		A	1.0
4	☐	1.000		14098909.51		A	1.0
5	☐	1.000		14215946.87		A	0.4
6	☐	1.000		14394730.90		A	0.4
7	☐	1.000		14547730.89		A	2.1
8	☐	1.000		13069731.61		A	0.6

89 Y(ISTD) [He]

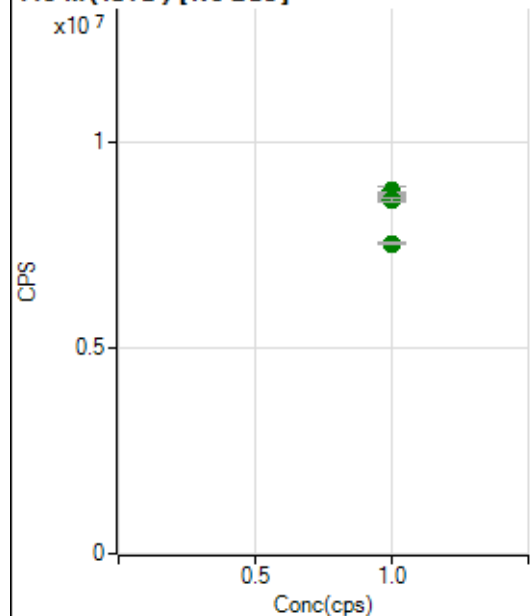
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3212917.66		A	1.7
2	☐	1.000		3261079.19		A	0.7
3	☐	1.000		3252765.23		A	0.9
4	☐	1.000		3220851.31		A	1.2
5	☐	1.000		3272349.33		A	0.9
6	☐	1.000		3293444.08		A	0.9
7	☐	1.000		3292042.14		A	1.2
8	☐	1.000		3051663.70		A	0.7

103 Rh(ISTD) [No Gas]

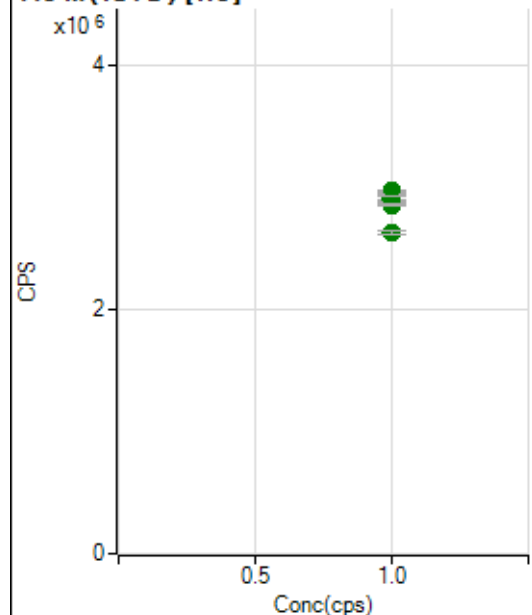
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8187122.66		A	1.3
2	☐	1.000		8253571.41		A	0.9
3	☐	1.000		8201486.13		A	1.7
4	☐	1.000		8050616.75		A	1.7
5	☐	1.000		8065676.13		A	0.6
6	☐	1.000		7961423.70		A	0.4
7	☐	1.000		7877377.38		A	1.1
8	☐	1.000		6661462.19		A	0.8

103 Rh (ISTD) [He]

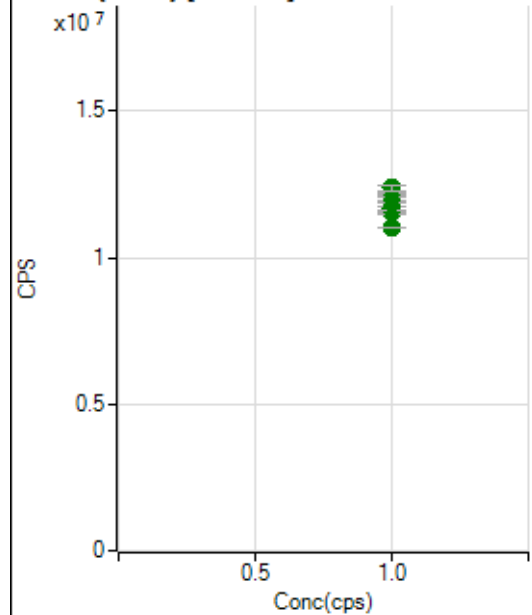
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4702814.41		A	0.4
2	☐	1.000		4727108.37		A	0.5
3	☐	1.000		4721686.94		A	1.8
4	☐	1.000		4618341.04		A	1.2
5	☐	1.000		4676245.42		A	0.5
6	☐	1.000		4572180.14		A	1.6
7	☐	1.000		4541803.93		A	3.0
8	☐	1.000		3835085.46		A	0.8

115 In (ISTD) [No Gas]

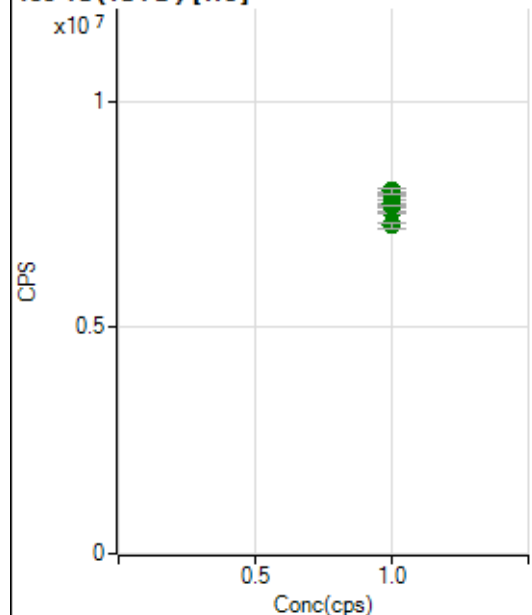
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8677070.23		A	1.3
2	☐	1.000		8709755.45		A	1.3
3	☐	1.000		8813320.38		A	2.5
4	☐	1.000		8628686.12		A	1.1
5	☐	1.000		8775724.36		A	0.5
6	☐	1.000		8767520.27		A	0.8
7	☐	1.000		8585281.45		A	0.9
8	☐	1.000		7543359.82		A	0.2

115 In (ISTD) [He]

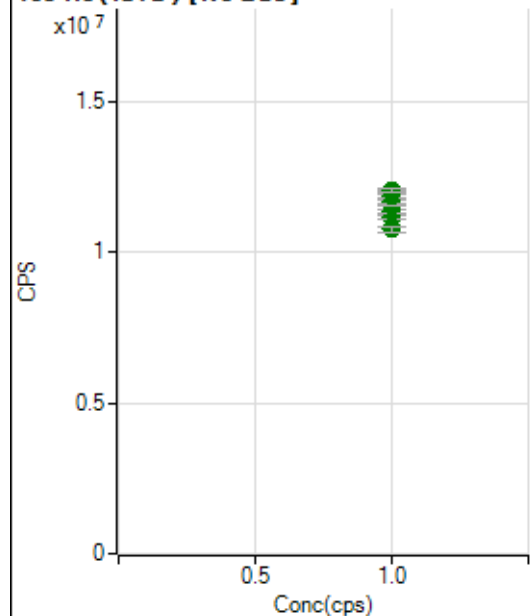
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2926687.54		A	2.2
2	☐	1.000		2967747.05		A	0.8
3	☐	1.000		2942328.69		A	0.4
4	☐	1.000		2909975.98		A	1.8
5	☐	1.000		2901727.28		A	2.3
6	☐	1.000		2897918.00		A	1.8
7	☐	1.000		2854437.74		A	0.8
8	☐	1.000		2630569.62		A	0.9

159 Tb (ISTD) [No Gas]

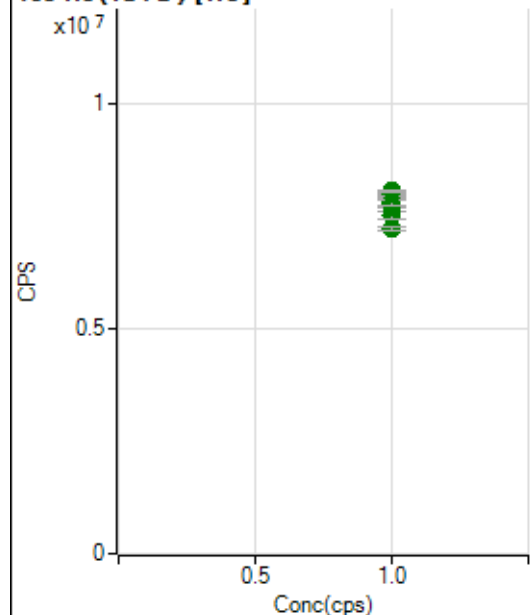
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11534103.72		A	0.4
2	☐	1.000		11677722.88		A	1.3
3	☐	1.000		11939492.88		A	2.7
4	☐	1.000		11907108.85		A	0.8
5	☐	1.000		12105412.74		A	0.7
6	☐	1.000		12253863.98		A	0.5
7	☐	1.000		12383894.54		A	1.8
8	☐	1.000		11013955.95		A	0.2

159 Tb (ISTD) [He]

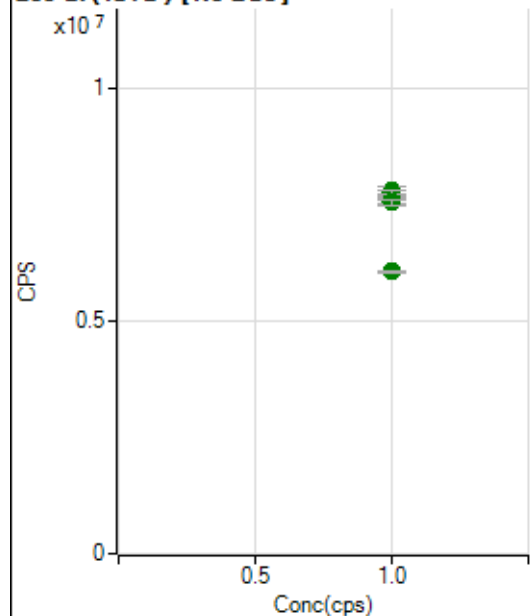
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7551996.62		A	0.7
2	☐	1.000		7709779.75		A	0.9
3	☐	1.000		7704184.19		A	1.1
4	☐	1.000		7758844.12		A	2.0
5	☐	1.000		7926422.45		A	0.7
6	☐	1.000		7957291.90		A	0.5
7	☐	1.000		8021840.85		A	1.7
8	☐	1.000		7252716.28		A	1.7

165 Ho (ISTD) [No Gas]

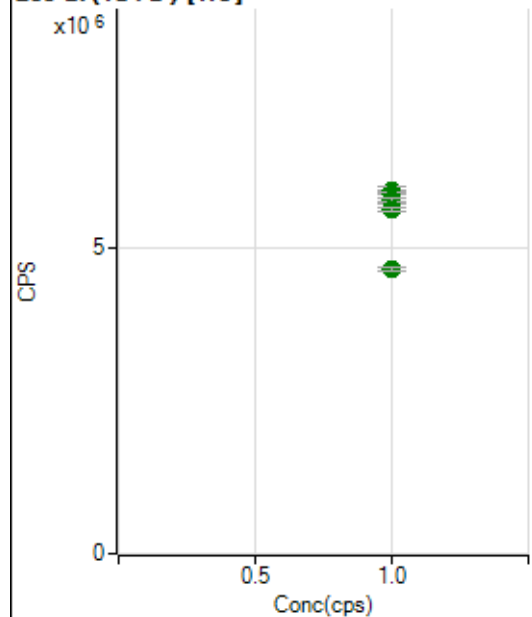
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11156233.03		A	0.9
2	☐	1.000		11338875.53		A	0.9
3	☐	1.000		11642574.69		A	2.0
4	☐	1.000		11564028.72		A	0.4
5	☐	1.000		11887826.21		A	1.3
6	☐	1.000		11986242.46		A	0.8
7	☐	1.000		12032139.54		A	1.1
8	☐	1.000		10766261.37		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7504353.15		A	2.2
2	☐	1.000		7676485.79		A	0.4
3	☐	1.000		7815086.55		A	2.0
4	☐	1.000		7774946.13		A	1.4
5	☐	1.000		7975107.66		A	0.4
6	☐	1.000		7985960.85		A	1.3
7	☐	1.000		8049027.52		A	0.8
8	☐	1.000		7199948.92		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7579196.07		A	0.8
2	☐	1.000		7677463.50		A	0.9
3	☐	1.000		7810681.00		A	2.5
4	☐	1.000		7677296.90		A	0.4
5	☐	1.000		7721744.47		A	0.6
6	☐	1.000		7784714.61		A	0.9
7	☐	1.000		7572161.62		A	1.6
8	☐	1.000		6071186.37		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5728877.55		A	0.5
2	☐	1.000		5921478.80		A	0.7
3	☐	1.000		5928103.87		A	2.1
4	☐	1.000		5819479.08		A	2.3
5	☐	1.000		5863413.17		A	1.2
6	☐	1.000		5777126.72		A	0.8
7	☐	1.000		5628640.05		A	0.9
8	☐	1.000		4649657.46		A	1.0