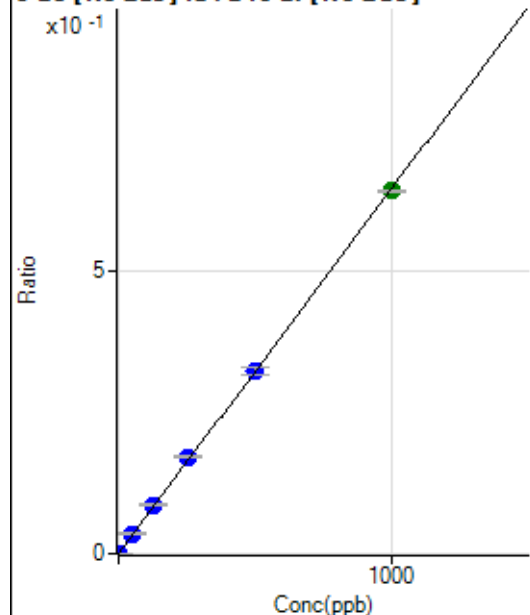


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120722 MS.b\
Analysis File: P7120722 MS.batch.bin
DA Date-Time: 2022-12-09 14:52:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-12-07 12:17:30
2	005CALS.d	S02	2022-12-07 12:20:22
3	006CALS.d	S03	2022-12-07 12:23:15
4	007CALS.d	S04	2022-12-07 12:26:00
5	008CALS.d	S05	2022-12-07 12:28:47
6	009CALS.d	S06	2022-12-07 12:31:31
7	010CALS.d	S07	2022-12-07 12:34:17
8	011CALS.d	S08	2022-12-07 12:37:03

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	30.6
2	☐	1.000	1.013	1901.25	0.0007	P	3.7
3	☐	50.000	54.678	97663.18	0.0352	P	3.5
4	☐	125.000	134.353	241917.03	0.0864	P	3.5
5	☐	250.000	265.148	472716.05	0.1706	P	2.0
6	☐	500.000	500.449	910059.38	0.3219	P	4.6
7	☐	1000.000	994.585	1748766.55	0.6398	A	0.9
8	☐			757.80	0.0003	P	7.4

$$y = 6.4322\text{E-}004 * x + 2.3883\text{E-}005$$

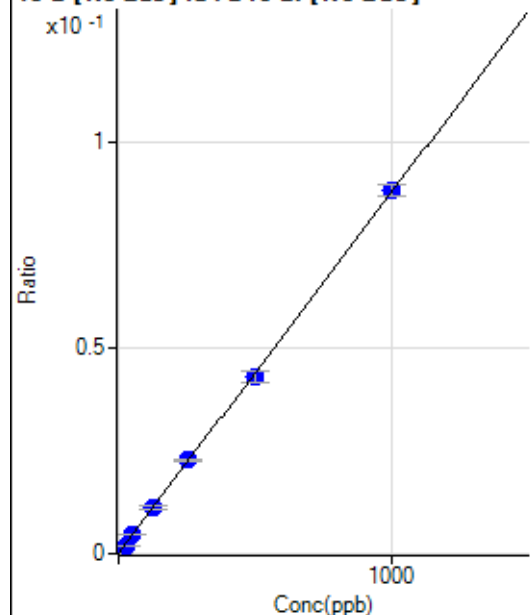
$$R = 0.9999$$

$$DL = 0.03408$$

$$BEC = 0.03713$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.89	0.0001	P	9.3
2	☐	25.000	19.387	4989.82	0.0018	P	10.5
3	☐	50.000	53.741	13278.19	0.0048	P	3.4
4	☐	125.000	128.046	31602.18	0.0113	P	6.1
5	☐	250.000	257.369	62693.89	0.0226	P	4.0
6	☐	500.000	488.197	121106.49	0.0428	P	5.8
7	☐	1000.000	1003.631	240537.33	0.0880	P	3.1
8	☐			5234.34	0.0021	P	8.6

$$y = 8.7610\text{E-}005 * x + 7.6580\text{E-}005$$

$$R = 0.9998$$

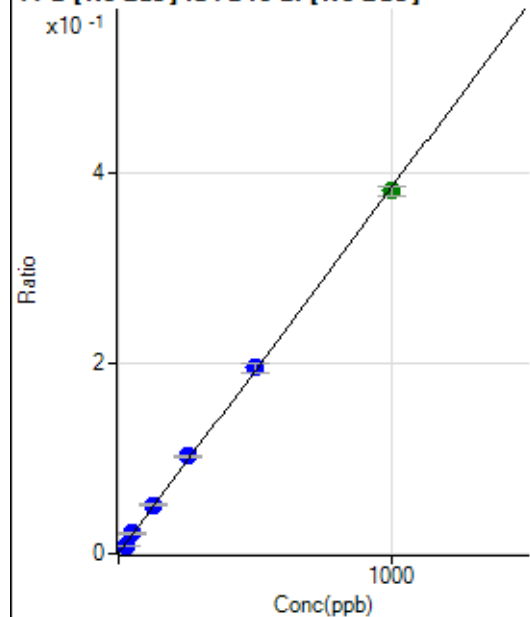
$$DL = 0.2443$$

$$BEC = 0.8741$$

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	1091.73	0.0004	P	3.6
2	☐	25.000	20.353	23095.65	0.0082	P	13.1
3	☐	50.000	55.619	60440.70	0.0218	P	5.0
4	☐	125.000	132.091	143237.39	0.0512	P	5.4
5	☐	250.000	266.125	284734.36	0.1027	P	1.8
6	☐	500.000	506.943	552144.61	0.1954	P	6.0
7	☐	1000.000	991.446	1043223.36	0.3817	A	2.9
8	☐			24553.32	0.0096	P	8.5

$$y = 3.8458\text{E-}004 * x + 3.9088\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.1093$$

$$BEC = 1.016$$

Weight: <None>

Min Conc: 0

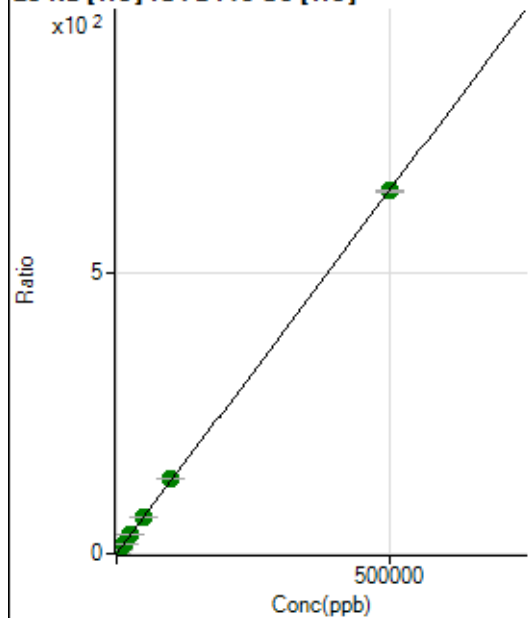
12 C [No Gas] No available calibration points



	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	56168.87	0.1253	P	0.5
2	☐	500.000	519.763	347087.76	0.7962	P	8.6
3	☐	5000.000	5250.563	3070280.65	6.9029	A	0.3
4	☐	12500.000	13032.182	7361516.14	16.9478	A	0.5
5	☐	25000.000	25788.360	14341118.03	33.4141	A	0.6
6	☐	50000.000	51303.480	28003105.25	66.3501	A	0.8
7	☐	100000.00	102530.70	55284710.50	132.4766	A	0.8
8	☐	500000.00	499308.26	267276655.9	644.6550	A	0.2

$$y = 0.0013 * x + 0.1253$$

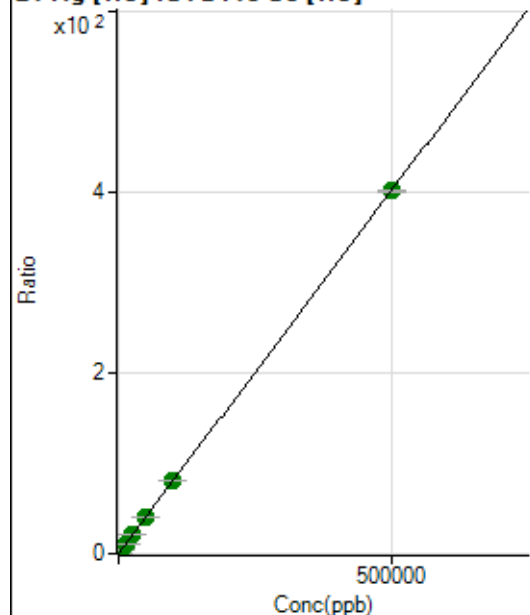
$$R = 1.0000$$

$$DL = 1.6$$

$$BEC = 97.06$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.03	0.0017	P	7.2
2	☐	500.000	506.629	178457.35	0.4093	P	8.4
3	☐	5000.000	5251.496	1880216.40	4.2274	A	0.5
4	☐	12500.000	12897.800	4508798.71	10.3801	A	1.2
5	☐	25000.000	25613.484	8846644.99	20.6120	A	0.1
6	☐	50000.000	50945.030	17302247.26	40.9955	A	0.6
7	☐	100000.00	101220.34	33990460.48	81.4505	A	0.5
8	☐	500000.00	499618.28	166680751.8	402.0288	A	0.6

$$y = 8.0467\text{E-}004 * x + 0.0017$$

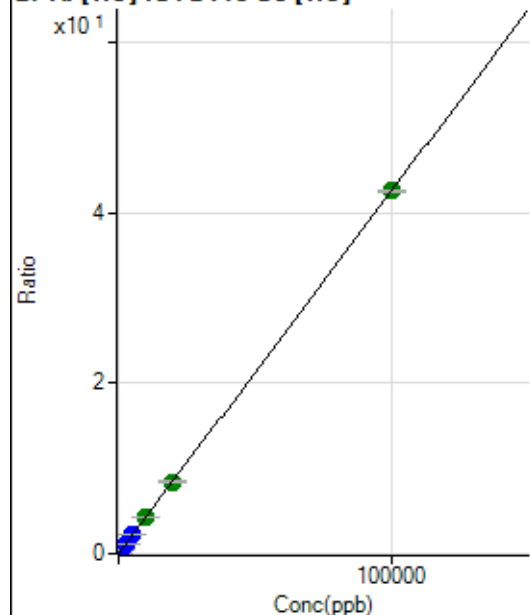
R = 1.0000

DL = 0.4489

BEC = 2.079

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0005	P	23.9
2	☐	20.000	21.372	4178.41	0.0096	P	11.1
3	☐	1000.000	1047.739	198614.02	0.4466	P	1.0
4	☐	2500.000	2601.721	481330.30	1.1082	P	1.2
5	☐	5000.000	5126.906	937026.30	2.1832	P	0.6
6	☐	10000.000	10085.317	1812363.25	4.2943	A	1.1
7	☐	20000.000	19876.474	3531665.65	8.4628	A	1.0
8	☐	100000.00	100006.80	17652816.71	42.5778	A	0.4

$$y = 4.2574\text{E-}004 * x + 4.9571\text{E-}004$$

R = 1.0000

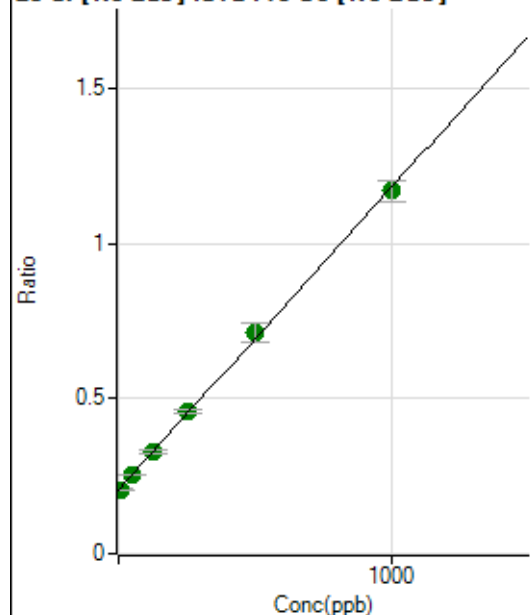
DL = 0.8348

BEC = 1.164

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1189733.22	0.2059	A	2.3
2	☐	10.000	-0.926	1233208.35	0.2050	A	1.9
3	☐	50.000	48.255	1479966.16	0.2530	A	0.4
4	☐	125.000	125.851	1890833.85	0.3287	A	3.5
5	☐	250.000	261.052	2601941.49	0.4606	A	2.8
6	☐	500.000	519.494	4069210.33	0.7127	A	9.1
7	☐	1000.000	987.580	6569595.59	1.1694	A	5.8
8	☐			1394915.42	0.2581	A	0.5

$$y = 9.7563E-004 * x + 0.2059$$

$$R = 0.9995$$

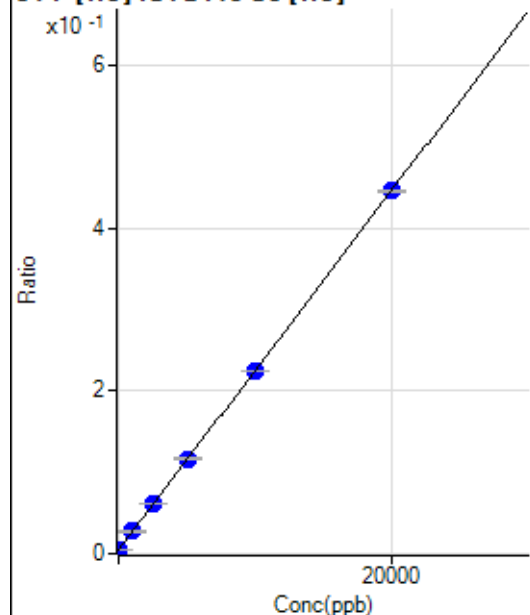
$$DL = 14.54$$

$$BEC = 211.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.306	1855.72	0.0041	P	4.3
2	☐	0.000	15.306	2100.20	0.0048	P	7.8
3	☐	1000.000	1028.859	12088.35	0.0272	P	1.6
4	☐	2500.000	2560.041	26478.96	0.0610	P	2.1
5	☐	5000.000	5070.906	49945.88	0.1164	P	1.3
6	☐	10000.000	9968.987	94734.60	0.2245	P	0.8
7	☐	20000.000	19988.832	185938.60	0.4456	P	0.4
8	☐			1811.26	0.0044	P	6.5

$$y = 2.2066E-005 * x + 0.0045$$

$$R = 1.0000$$

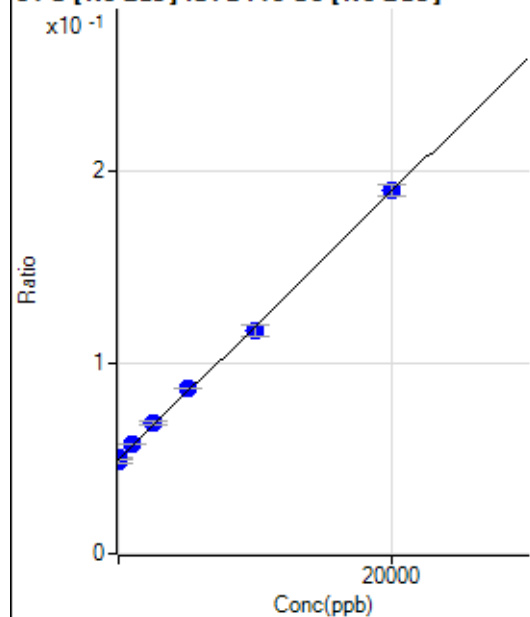
$$DL = 37.56$$

$$BEC = 202.9$$

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	125.492	289175.12	0.0500	P	1.1
2	☐	0.000	-125.492	290374.53	0.0483	P	2.8
3	☐	1000.000	1141.413	334474.22	0.0572	P	0.7
4	☐	2500.000	2695.223	391682.89	0.0681	P	3.3
5	☐	5000.000	5331.299	489149.71	0.0866	P	0.8
6	☐	10000.000	9675.138	669178.19	0.1171	P	4.9
7	☐	20000.000	20048.132	1067330.07	0.1899	P	3.3
8	☐			266097.20	0.0492	P	0.9

$$y = 7.0215E-006 * x + 0.0492$$

R = 0.9996

DL = 406.3

BEC = 7002

Weight: <None>

Min Conc: 0

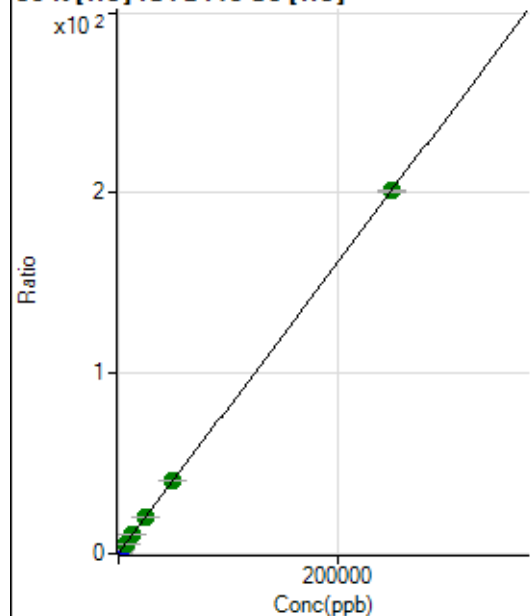
35 Cl [No Gas] No available calibration points



	Rj 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	68161.55	0.1520	P	1.1
2	☐	500.000	547.099	258112.86	0.5918	P	7.7
3	☐	2500.000	2789.214	1064893.03	2.3943	P	0.9
4	☐	6250.000	6470.396	2325358.97	5.3536	A	0.1
5	☐	12500.000	12733.727	4458796.45	10.3886	A	0.6
6	☐	25000.000	25075.649	8571961.22	20.3102	A	0.9
7	☐	50000.000	50224.841	16912748.30	40.5275	A	0.2
8	☐	250000.00	249927.28	83362974.78	201.0674	A	0.3

$$y = 8.0390E-004 * x + 0.1520$$

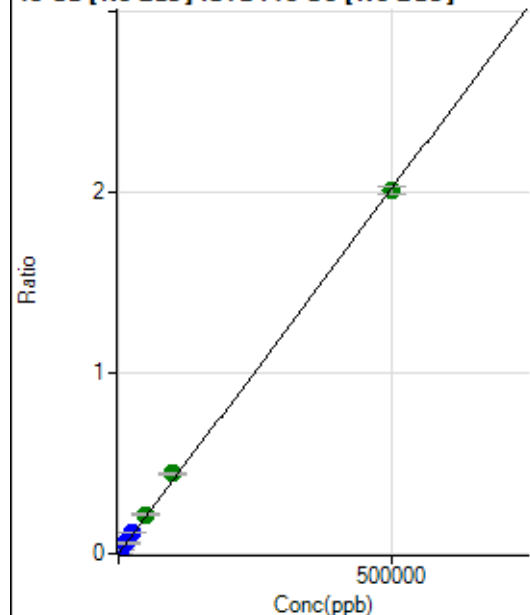
$$R = 1.0000$$

$$DL = 6.335$$

$$BEC = 189.1$$

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	208.34	0.0000	P	10.0
2	☐	500.000	499.027	12327.49	0.0021	P	6.7
3	☐	5000.000	5994.946	141834.05	0.0242	P	1.2
4	☐	12500.000	14929.333	346866.62	0.0603	P	6.0
5	☐	25000.000	29733.842	678459.74	0.1201	P	1.4
6	☐	50000.000	53985.220	1245648.08	0.2180	A	6.3
7	☐	100000.00	109970.83	2495958.15	0.4441	A	2.7
8	☐	500000.00	497299.93	10850957.19	2.0082	A	2.3

$$y = 4.0381E-006 * x + 3.6036E-005$$

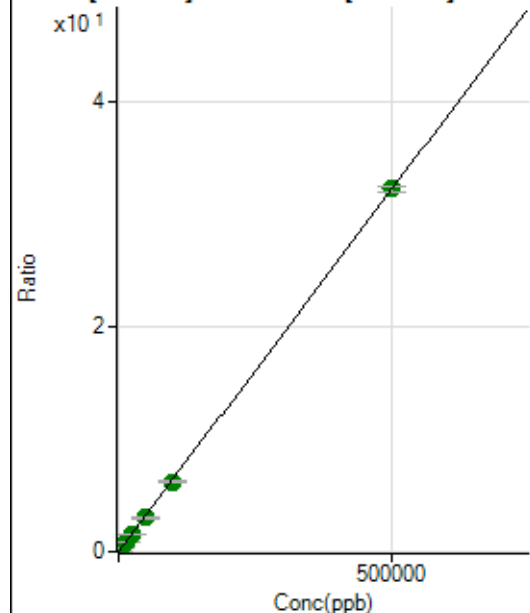
R = 0.9998

DL = 2.675

BEC = 8.924

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	31045.22	0.0054	P	2.9
2	☐	500.000	503.389	227482.23	0.0378	P	4.9
3	☐	5000.000	5017.028	1924323.18	0.3289	A	1.7
4	☐	12500.000	12309.481	4596581.64	0.7993	A	5.0
5	☐	25000.000	24802.411	9066587.44	1.6050	A	1.0
6	☐	50000.000	47383.955	17490641.49	3.0613	A	6.0
7	☐	100000.00	96392.698	34966891.56	6.2221	A	3.1
8	☐	500000.00	500997.53	174628127.5	32.3164	A	1.7

$$y = 6.4493E-005 * x + 0.0054$$

R = 1.0000

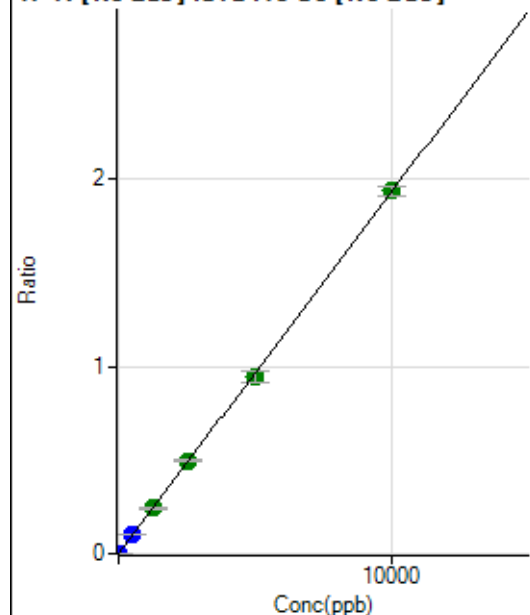
DL = 7.167

BEC = 83.32

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.89	0.0000	P	22.2
2	☐	5.000	4.752	5687.31	0.0009	P	5.0
3	☐	500.000	523.105	590783.33	0.1010	P	1.1
4	☐	1250.000	1267.177	1406661.69	0.2446	A	5.4
5	☐	2500.000	2564.084	2795769.05	0.4949	A	1.2
6	☐	5000.000	4895.400	5397982.02	0.9449	A	6.3
7	☐	10000.000	10032.977	10882642.08	1.9364	A	2.8
8	☐			3019.83	0.0006	P	6.9

$$y = 1.9300\text{E-}004 * x + 2.8412\text{E-}005$$

$$R = 0.9999$$

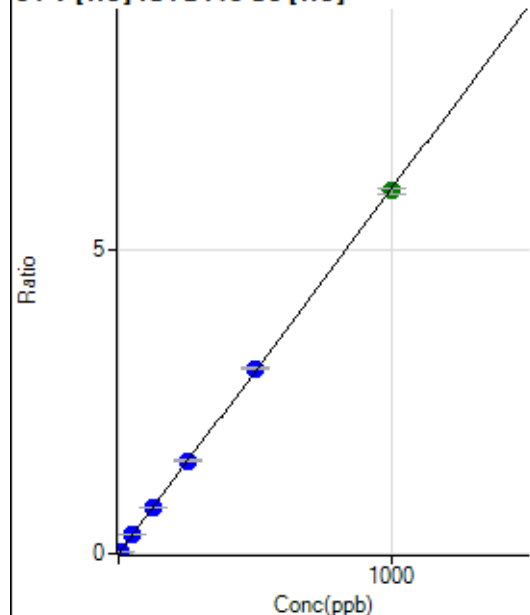
$$DL = 0.09806$$

$$BEC = 0.1472$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.4
2	☐	5.000	5.092	13324.87	0.0306	P	8.1
3	☐	50.000	51.321	136873.79	0.3077	P	1.2
4	☐	125.000	128.731	335281.59	0.7719	P	0.3
5	☐	250.000	254.942	656091.90	1.5287	P	0.6
6	☐	500.000	507.638	1284670.08	3.0438	P	0.6
7	☐	1000.000	994.413	2488290.50	5.9626	A	1.3
8	☐			747.80	0.0018	P	1.2

$$y = 0.0060 * x + 2.7233\text{E-}005$$

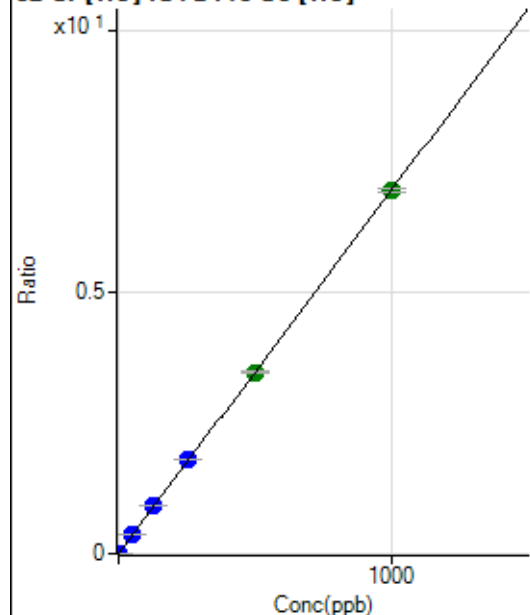
$$R = 0.9999$$

$$DL = 0.007681$$

$$BEC = 0.004542$$

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	777.81	0.0017	P	7.5
2	☐	2.000	2.000	6809.38	0.0156	P	9.9
3	☐	50.000	52.384	162661.66	0.3657	P	0.7
4	☐	125.000	131.418	397366.12	0.9149	P	1.0
5	☐	250.000	257.803	769577.01	1.7930	P	0.4
6	☐	500.000	498.213	1461820.03	3.4635	A	0.6
7	☐	1000.000	998.022	2894664.12	6.9364	A	1.1
8	☐			17876.24	0.0431	P	1.2

$$y = 0.0069 * x + 0.0017$$

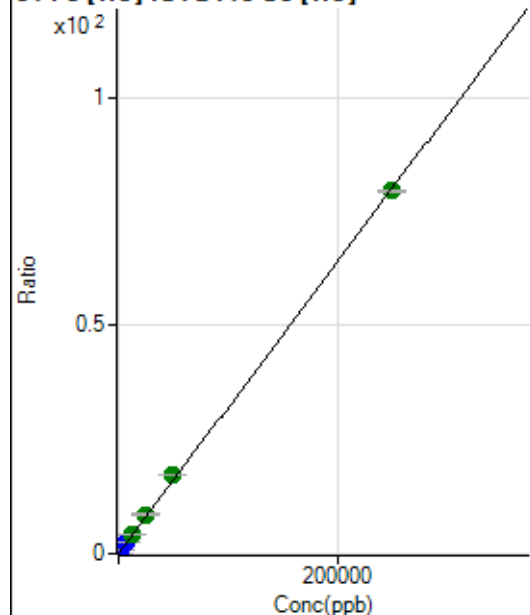
$$R = 1.0000$$

$$DL = 0.05651$$

$$BEC = 0.2497$$

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	1488.28	0.0033	P	2.2
2	☐	50.000	59.356	9713.10	0.0223	P	9.7
3	☐	2500.000	2924.360	417275.60	0.9382	P	0.6
4	☐	6250.000	7349.463	1021942.34	2.3528	P	1.1
5	☐	12500.000	13746.699	1887548.98	4.3979	A	0.3
6	☐	25000.000	26982.082	3641820.47	8.6290	A	1.5
7	☐	50000.000	53715.901	7167459.81	17.1753	A	0.4
8	☐	250000.00	248964.54	32999523.78	79.5926	A	0.7

$$y = 3.1968E-004 * x + 0.0033$$

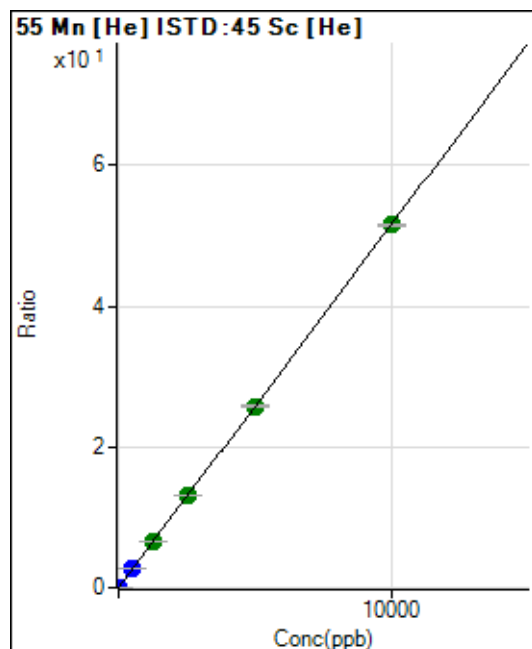
$$R = 0.9999$$

$$DL = 0.6915$$

$$BEC = 10.38$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	165.56	0.0004	P	11.6
2	☐	1.000	1.100	2633.58	0.0060	P	10.5
3	☐	500.000	525.075	1205458.36	2.7103	P	1.0
4	☐	1250.000	1280.457	2870627.49	6.6089	A	0.5
5	☐	2500.000	2531.272	5607110.68	13.0645	A	1.0
6	☐	5000.000	4999.953	10891386.36	25.8057	A	0.5
7	☐	10000.000	9987.145	21510465.51	51.5451	A	0.4
8	☐			24510.02	0.0591	P	0.6

$$y = 0.0052 * x + 3.6929E-004$$

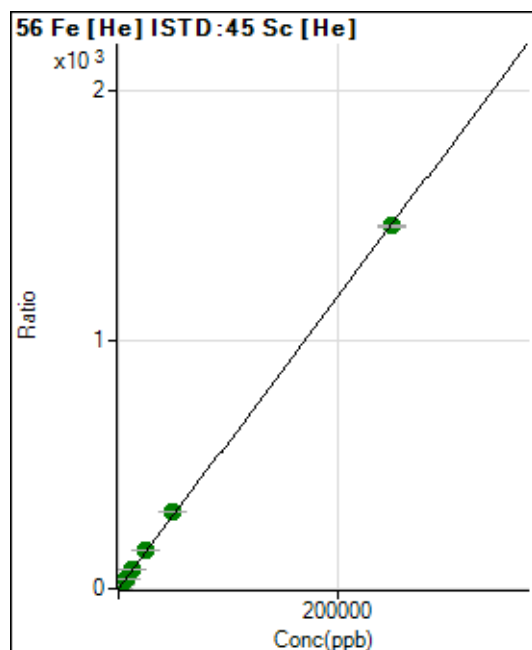
$$R = 1.0000$$

$$DL = 0.025$$

$$BEC = 0.07155$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9442.01	0.0211	P	1.1
2	☐	50.000	55.446	150485.35	0.3453	P	9.3
3	☐	2500.000	2726.561	7101753.86	15.9674	A	0.8
4	☐	6250.000	6863.625	17445580.02	40.1631	A	1.1
5	☐	12500.000	13520.663	33947514.65	79.0968	A	0.8
6	☐	25000.000	26565.629	65582946.38	155.3905	A	0.4
7	☐	50000.000	53081.553	129563453.8	310.4692	A	0.5
8	☐	250000.00	249158.48	604165257.9	1.457227	A	0.6

$$y = 0.0058 * x + 0.0211$$

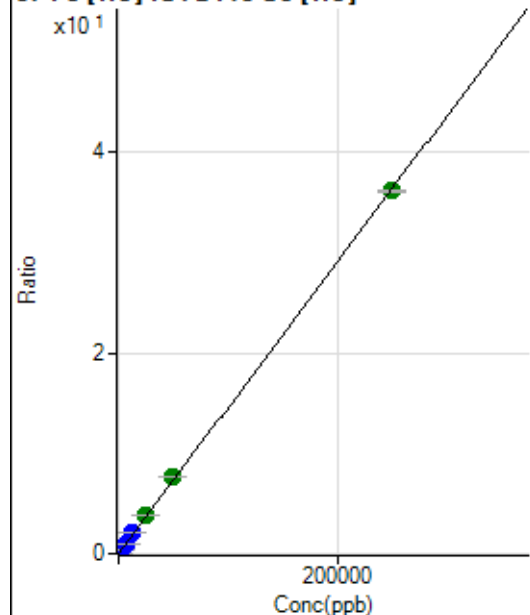
$$R = 0.9999$$

$$DL = 0.1241$$

$$BEC = 3.601$$

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	637.06	0.0014	P	11.1
2	☐	50.000	55.849	4152.50	0.0095	P	8.3
3	☐	2500.000	2837.952	183741.18	0.4131	P	0.4
4	☐	6250.000	7143.723	450751.97	1.0377	P	0.5
5	☐	12500.000	14084.697	877541.66	2.0446	P	0.2
6	☐	25000.000	26759.057	1638936.44	3.8832	A	0.7
7	☐	50000.000	53184.809	3220289.80	7.7167	A	0.2
8	☐	250000.00	249082.17	14981416.42	36.1346	A	0.6

$$y = 1.4507\text{E-}004 * x + 0.0014$$

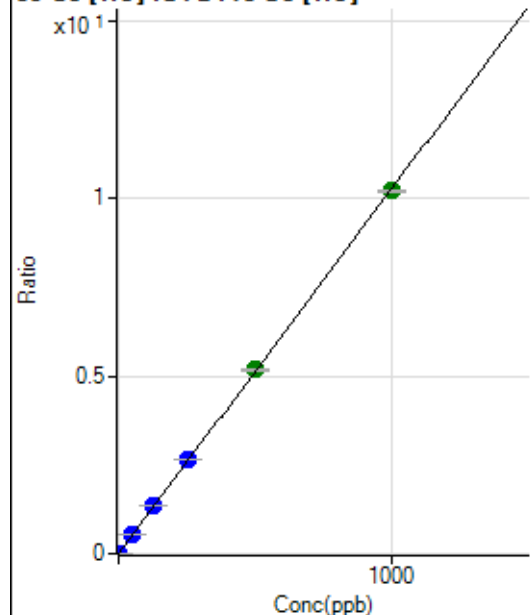
$$R = 0.9999$$

$$DL = 3.263$$

$$BEC = 9.798$$

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	41.11	0.0001	P	28.8
2	☐	1.000	1.042	4699.67	0.0108	P	7.8
3	☐	50.000	52.837	241103.82	0.5421	P	0.9
4	☐	125.000	132.070	588484.70	1.3549	P	0.7
5	☐	250.000	257.833	1135197.70	2.6450	P	0.4
6	☐	500.000	504.347	2183623.40	5.1737	A	0.4
7	☐	1000.000	994.843	4258818.27	10.2053	A	0.6
8	☐			5008.66	0.0121	P	1.0

$$y = 0.0103 * x + 9.1743\text{E-}005$$

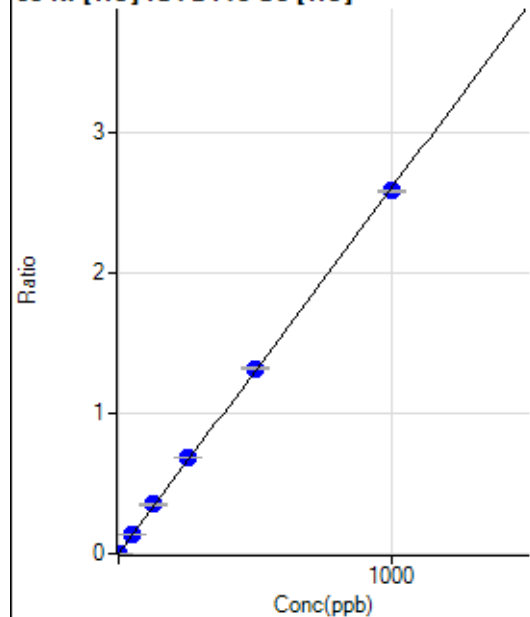
$$R = 0.9999$$

$$DL = 0.007725$$

$$BEC = 0.008943$$

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	318.90	0.0007	P	15.2
2	☐	1.000	1.035	1488.98	0.0034	P	5.5
3	☐	50.000	53.218	61980.70	0.1394	P	1.1
4	☐	125.000	134.096	152052.88	0.3501	P	0.3
5	☐	250.000	261.371	292561.11	0.6817	P	0.3
6	☐	500.000	506.061	556740.79	1.3191	P	0.9
7	☐	1000.000	992.829	1079713.21	2.5873	P	0.2
8	☐			4528.51	0.0109	P	0.1

$$y = 0.0026 * x + 7.1134E-004$$

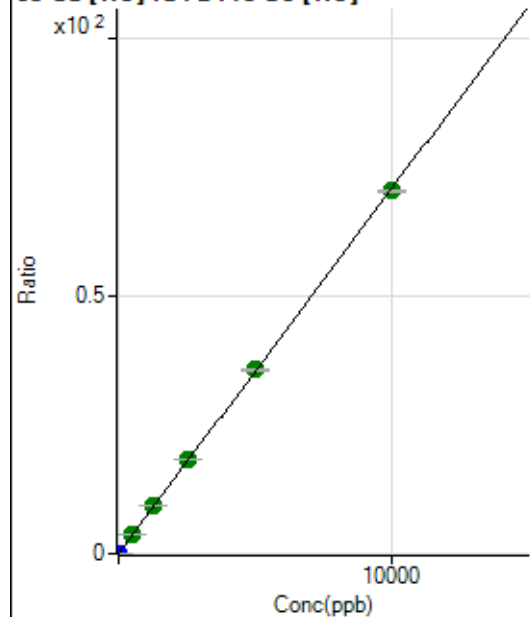
$$R = 0.9999$$

$$DL = 0.1244$$

$$BEC = 0.273$$

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	1407.86	0.0031	P	2.3
2	☐	2.000	2.165	8062.23	0.0185	P	5.9
3	☐	500.000	532.898	1679494.43	3.7761	A	0.4
4	☐	1250.000	1334.038	4103816.61	9.4482	A	0.5
5	☐	2500.000	2574.011	7823160.99	18.2272	A	0.6
6	☐	5000.000	5046.092	15079734.08	35.7296	A	0.9
7	☐	10000.000	9946.302	29388804.84	70.4233	A	0.7
8	☐			7896.58	0.0190	P	0.0

$$y = 0.0071 * x + 0.0031$$

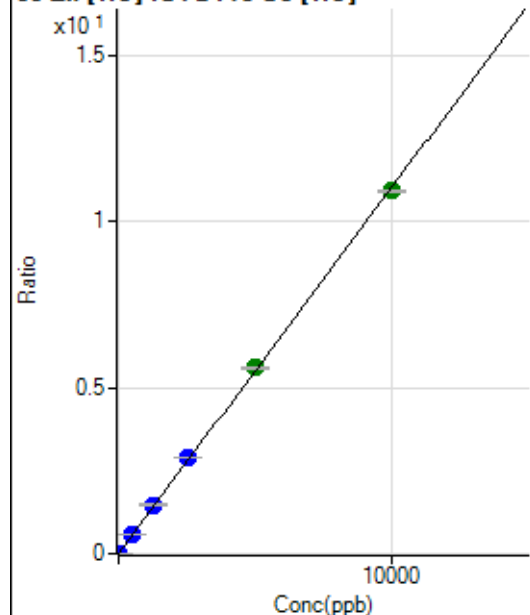
$$R = 0.9999$$

$$DL = 0.031$$

$$BEC = 0.4436$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	653.36	0.0015	P	3.0
2	☐	2.000	2.192	1692.33	0.0039	P	3.6
3	☐	500.000	534.257	262013.91	0.5891	P	0.5
4	☐	1250.000	1338.349	640026.38	1.4735	P	0.5
5	☐	2500.000	2622.445	1238621.01	2.8859	P	0.5
6	☐	5000.000	5082.859	2360217.76	5.5922	A	0.7
7	☐	10000.000	9915.203	4551788.37	10.9074	A	0.6
8	☐			4065.04	0.0098	P	1.7

$$y = 0.0011 * x + 0.0015$$

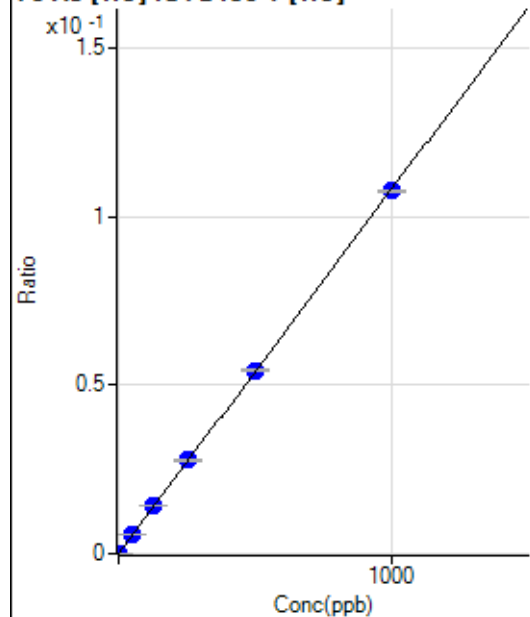
$$R = 0.9998$$

$$DL = 0.1189$$

$$BEC = 1.325$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	33.5
2	☐	1.000	1.019	329.02	0.0001	P	8.1
3	☐	50.000	52.989	16896.05	0.0057	P	0.3
4	☐	125.000	130.142	41011.21	0.0141	P	1.2
5	☐	250.000	256.320	79643.00	0.0277	P	1.0
6	☐	500.000	503.406	155617.39	0.0544	P	1.0
7	☐	1000.000	995.925	305976.57	0.1077	P	0.4
8	☐			114.20	0.0000	P	13.8

$$y = 1.0813E-004 * x + 1.8639E-006$$

$$R = 1.0000$$

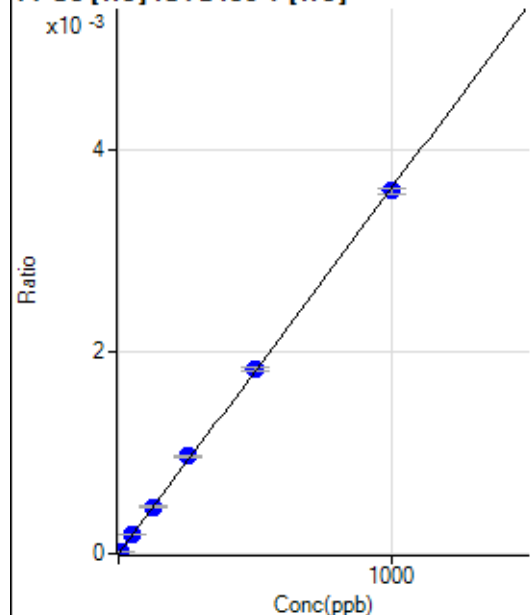
$$DL = 0.01734$$

$$BEC = 0.01724$$

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	0.00	0.0000	P	
2	☐	5.000	5.548	58.89	0.0000	P	8.0
3	☐	50.000	51.776	552.24	0.0002	P	6.0
4	☐	125.000	128.682	1356.75	0.0005	P	1.6
5	☐	250.000	266.839	2774.73	0.0010	P	1.9
6	☐	500.000	504.819	5222.08	0.0018	P	2.5
7	☐	1000.000	992.829	10206.92	0.0036	P	1.9
8	☐			10.00	0.0000	P	33.3

$$y = 3.6184\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

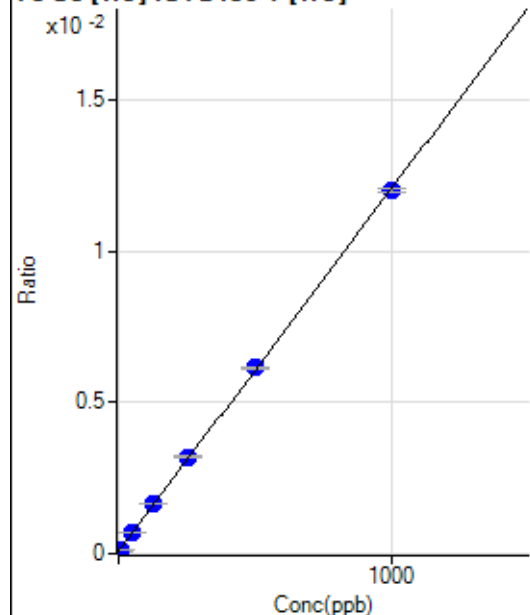
$$DL = 0$$

$$BEC = 0$$

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	237.66	0.0001	P	5.5
2	☐	5.000	4.884	405.57	0.0001	P	4.5
3	☐	50.000	52.188	2077.32	0.0007	P	0.6
4	☐	125.000	131.443	4819.32	0.0017	P	1.6
5	☐	250.000	258.905	9138.03	0.0032	P	2.0
6	☐	500.000	506.424	17566.58	0.0061	P	1.2
7	☐	1000.000	993.647	34037.66	0.0120	P	0.9
8	☐			208.03	0.0001	P	5.6

$$y = 1.1976\text{E-}005 * x + 7.9679\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.105$$

$$BEC = 6.653$$

Weight: <None>

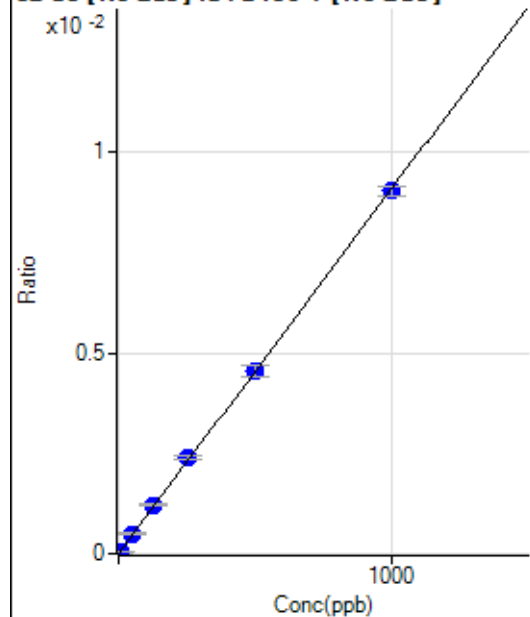
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24493.05		P	1.5
2	☐			25121.94		P	0.2
3	☐			24526.43		P	1.0
4	☐			24423.58		P	2.6
5	☐			23984.00		P	1.7
6	☐			23761.28		P	1.4
7	☐			23680.68		P	3.3
8	☐			24245.55		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.75		P	17.6
2	☐			86.75		P	17.6
3	☐			80.08		P	12.5
4	☐			96.76		P	15.8
5	☐			123.46		P	26.1
6	☐			73.41		P	15.7
7	☐			96.76		P	31.6
8	☐			106.77		P	14.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.45	0.0000	P	52.0
2	☐	5.000	4.553	608.75	0.0000	P	5.4
3	☐	50.000	54.547	6753.64	0.0005	P	3.3
4	☐	125.000	134.047	16378.84	0.0012	P	3.9
5	☐	250.000	264.133	32086.30	0.0024	P	2.8
6	☐	500.000	501.092	61944.11	0.0046	P	5.5
7	☐	1000.000	994.565	121186.91	0.0090	P	2.7
8	☐			223.58	0.0000	P	18.3

$$y = 9.0803E-006 * x + 2.2859E-006$$

$$R = 0.9999$$

$$DL = 0.3924$$

$$BEC = 0.2517$$

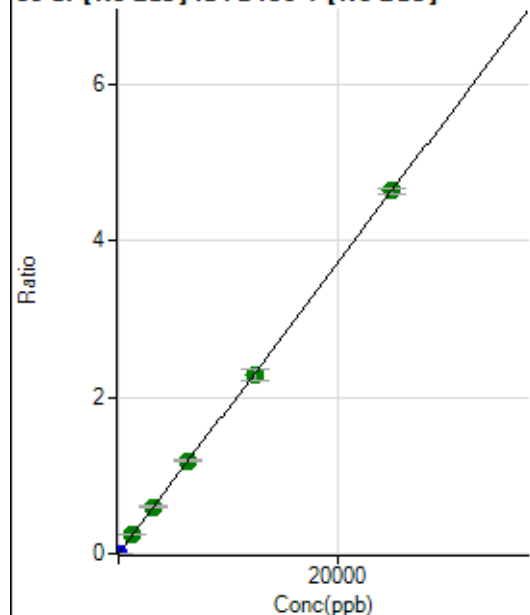
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			266.67		P	2.2
2	☐			293.34		P	4.1
3	☐			256.67		P	11.1
4	☐			295.56		P	37.1
5	☐			300.00		P	12.6
6	☐			262.23		P	8.2
7	☐			263.34		P	6.7
8	☐			290.01		P	17.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	444.46	0.0000	P	22.2
2	☐	1.000	0.939	2886.46	0.0002	P	9.7
3	☐	1250.000	1297.484	3262060.64	0.2403	A	1.1
4	☐	3125.000	3222.095	8013881.86	0.5968	A	4.8
5	☐	6250.000	6422.474	15899006.08	1.1895	A	1.8
6	☐	12500.000	12333.355	31077687.50	2.2841	A	6.0
7	☐	25000.000	25025.693	62184280.56	4.6347	A	1.4
8	☐			20756.71	0.0017	P	2.2

$$y = 1.8520\text{E-}004 * x + 3.3290\text{E-}005$$

$$R = 0.9999$$

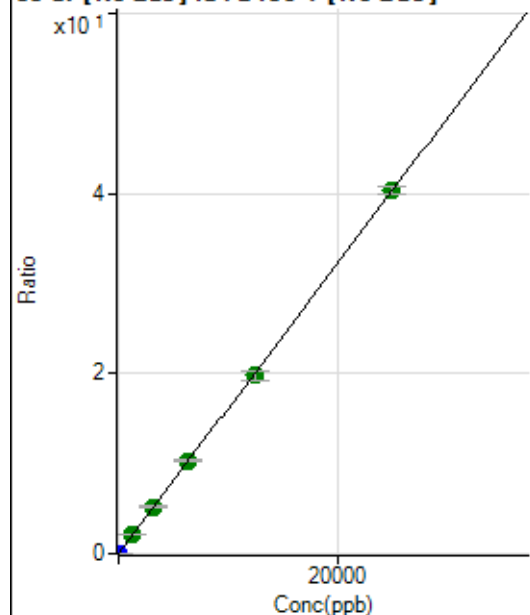
$$DL = 0.1196$$

$$BEC = 0.1798$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.34	0.0000	P	17.5
2	☐	1.000	0.945	21491.11	0.0015	P	2.2
3	☐	1250.000	1301.089	28448649.59	2.0959	A	1.2
4	☐	3125.000	3217.808	69611809.89	5.1834	A	4.5
5	☐	6250.000	6384.315	137462972.5	10.2842	A	2.2
6	☐	12500.000	12302.143	269668522.6	19.8169	A	5.3
7	☐	25000.000	25051.194	541403800.9	40.3538	A	2.2
8	☐			176112.58	0.0141	P	3.5

$$y = 0.0016 * x + 1.7409\text{E-}005$$

$$R = 0.9999$$

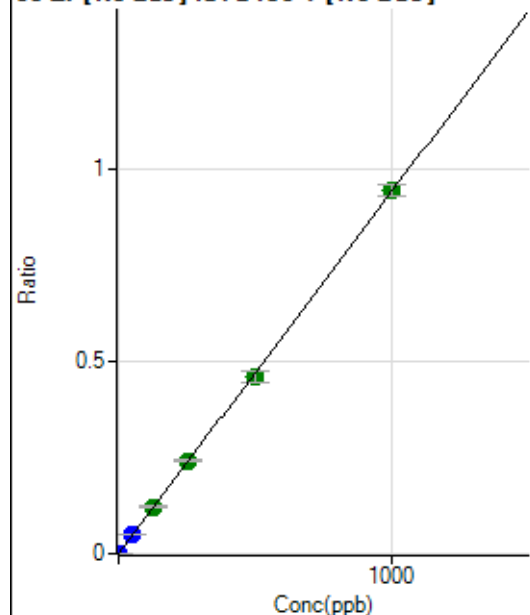
$$DL = 0.005664$$

$$BEC = 0.01081$$

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	522.25	0.0000	P	16.8
2	☐	1.000	0.948	12986.59	0.0009	P	6.8
3	☐	50.000	52.395	669682.98	0.0493	P	1.5
4	☐	125.000	128.646	1625932.34	0.1211	A	4.9
5	☐	250.000	256.427	3225117.00	0.2413	A	2.9
6	☐	500.000	489.337	6264503.48	0.4604	A	6.1
7	☐	1000.000	1003.150	12662475.02	0.9439	A	3.1
8	☐			4267.40	0.0003	P	4.5

$$y = 9.4088\text{E-}004 * x + 3.9017\text{E-}005$$

$$R = 0.9999$$

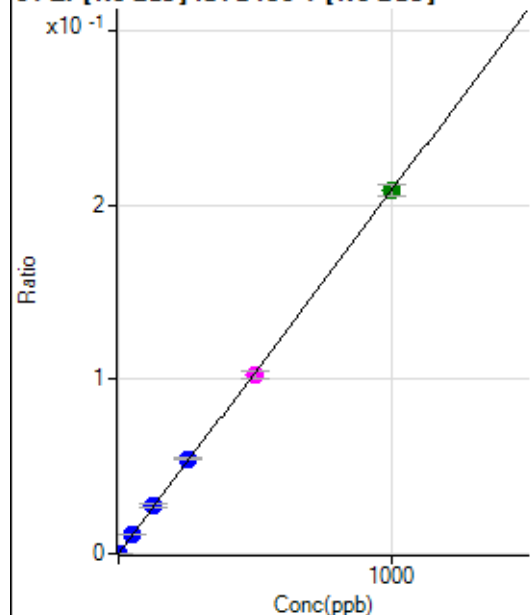
$$DL = 0.02086$$

$$BEC = 0.04147$$

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	75.00	0.0000	P	22.6
2	☐	1.000	0.956	2853.12	0.0002	P	8.7
3	☐	50.000	52.911	149498.32	0.0110	P	1.8
4	☐	125.000	132.103	369164.16	0.0275	P	4.8
5	☐	250.000	262.092	728944.72	0.0545	P	1.7
6	☐	500.000	493.220	1396814.94	0.1026	M	4.0
7	☐	1000.000	999.334	2789243.46	0.2079	A	3.3
8	☐			802.82	0.0001	P	19.0

$$y = 2.0805\text{E-}004 * x + 5.6102\text{E-}006$$

$$R = 0.9999$$

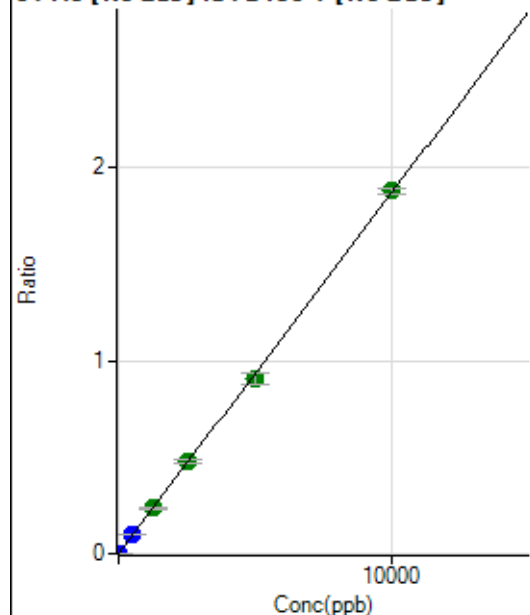
$$DL = 0.01828$$

$$BEC = 0.02697$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.11	0.0000	P	12.7
2	☐	5.000	5.764	15169.40	0.0011	P	4.7
3	☐	500.000	528.906	1341850.66	0.0989	P	1.7
4	☐	1250.000	1277.454	3206528.72	0.2388	A	4.2
5	☐	2500.000	2559.157	6393026.01	0.4783	A	2.6
6	☐	5000.000	4856.286	12348466.51	0.9076	A	6.0
7	☐	10000.000	10052.190	25205111.15	1.8787	A	1.9
8	☐			8649.96	0.0007	P	5.1

$$y = 1.8689E-004 * x + 1.0172E-005$$

$$R = 0.9998$$

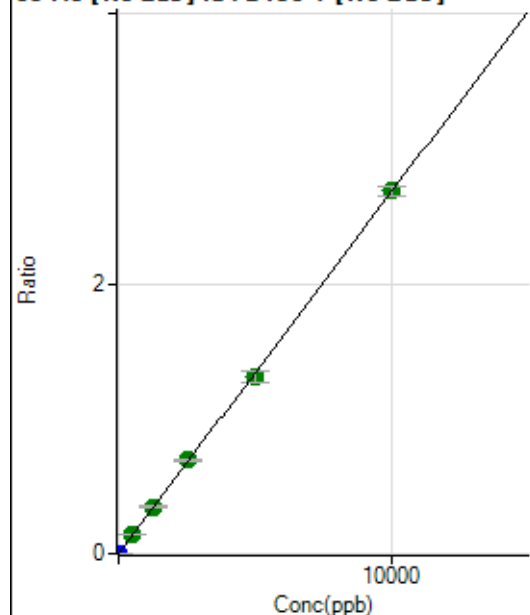
$$DL = 0.0207$$

$$BEC = 0.05443$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.9
2	☐	5.000	5.026	18793.07	0.0013	P	5.6
3	☐	500.000	515.602	1874376.60	0.1381	A	0.7
4	☐	1250.000	1283.942	4618141.77	0.3439	A	4.2
5	☐	2500.000	2583.340	9247313.57	0.6919	A	2.4
6	☐	5000.000	4888.158	17812292.06	1.3091	A	5.7
7	☐	10000.000	10030.063	36036309.14	2.6862	A	3.0
8	☐			12035.81	0.0010	P	4.4

$$y = 2.6782E-004 * x + 1.0388E-006$$

$$R = 0.9999$$

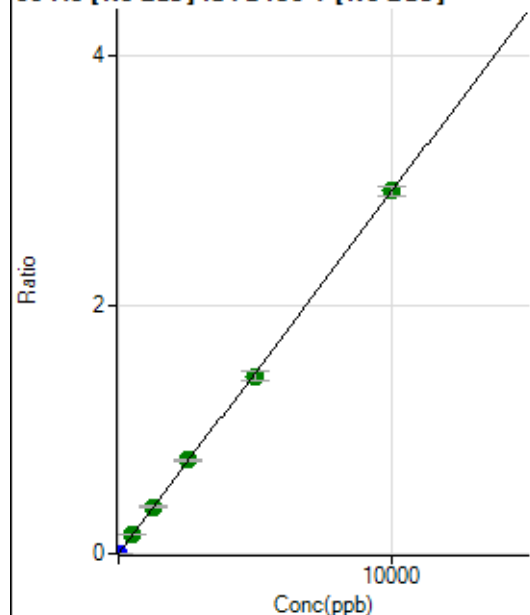
$$DL = 0.004063$$

$$BEC = 0.003879$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	24.2
2	☐	5.000	5.077	20728.98	0.0015	P	5.2
3	☐	500.000	518.708	2050052.00	0.1510	A	1.4
4	☐	1250.000	1279.819	5004173.46	0.3726	A	4.9
5	☐	2500.000	2578.358	10033330.17	0.7507	A	3.1
6	☐	5000.000	4912.390	19461532.20	1.4303	A	5.6
7	☐	10000.000	10019.553	39138009.91	2.9173	A	2.6
8	☐			22657.03	0.0018	P	6.0

$$y = 2.9116\text{E-}004 * x + 7.8927\text{E-}006$$

$$R = 0.9999$$

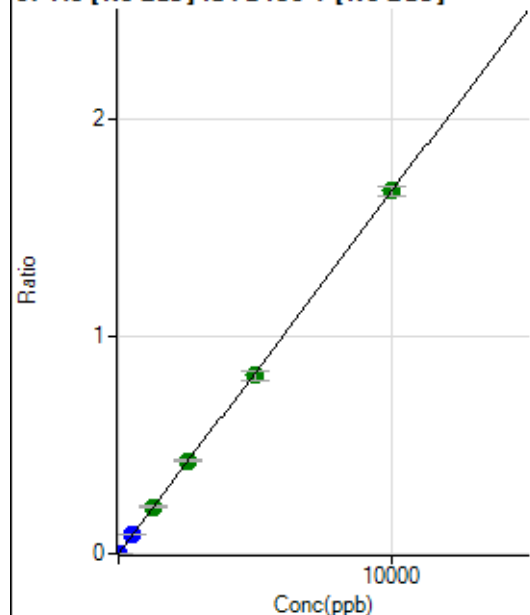
$$DL = 0.01971$$

$$BEC = 0.02711$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.3
2	☐	5.000	5.042	11738.30	0.0008	P	4.9
3	☐	500.000	528.779	1196918.93	0.0882	P	1.8
4	☐	1250.000	1284.717	2876825.54	0.2142	A	5.2
5	☐	2500.000	2565.585	5718371.96	0.4278	A	2.7
6	☐	5000.000	4923.579	11171385.15	0.8211	A	5.8
7	☐	10000.000	10016.036	22408447.20	1.6703	A	2.7
8	☐			7435.43	0.0006	P	8.2

$$y = 1.6676\text{E-}004 * x + 6.2508\text{E-}007$$

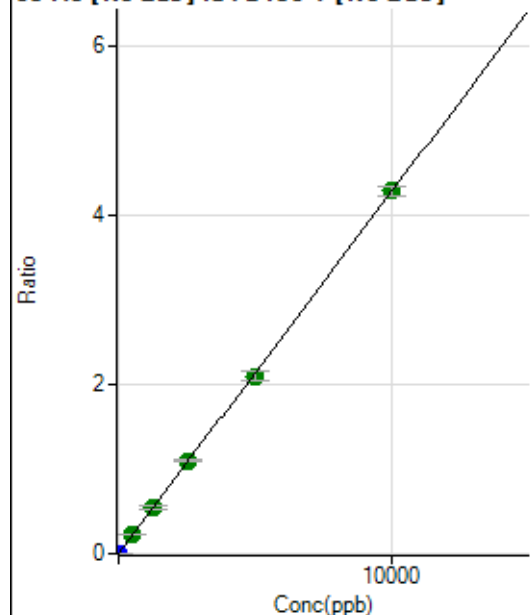
$$R = 0.9999$$

$$DL = 0.01117$$

$$BEC = 0.003748$$

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	38.89	0.0000	P	63.5
2	☐	5.000	4.893	29176.77	0.0021	P	6.1
3	☐	500.000	516.012	2990443.15	0.2203	A	0.7
4	☐	1250.000	1277.502	7324198.25	0.5454	A	5.0
5	☐	2500.000	2565.743	14641501.37	1.0954	A	2.1
6	☐	5000.000	4908.208	28514927.37	2.0955	A	5.3
7	☐	10000.000	10025.222	57421808.92	4.2802	A	2.6
8	☐			18056.11	0.0014	P	8.1

$$y = 4.2694\text{E-}004 * x + 2.9245\text{E-}006$$

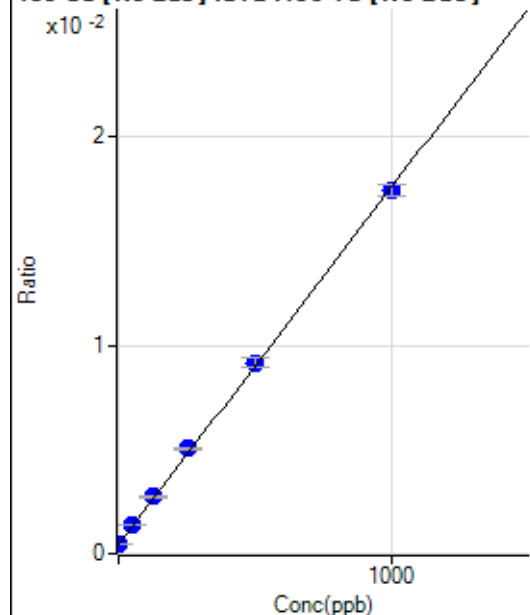
$$R = 0.9999$$

$$DL = 0.01305$$

$$BEC = 0.00685$$

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	4812.04	0.0004	P	1.9
2	☐	1.000	2.227	5467.85	0.0005	P	6.5
3	☐	50.000	55.343	15375.14	0.0014	P	2.6
4	☐	125.000	134.601	30452.03	0.0027	P	3.9
5	☐	250.000	267.595	55428.75	0.0050	P	0.8
6	☐	500.000	508.776	102972.95	0.0092	P	5.0
7	☐	1000.000	989.745	195961.05	0.0174	P	3.0
8	☐			4831.50	0.0005	P	9.0

$$y = 1.7140\text{E-}005 * x + 4.4230\text{E-}004$$

$$R = 0.9998$$

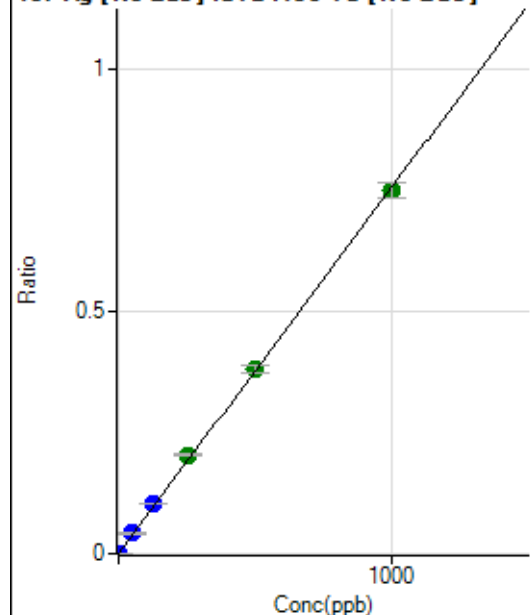
$$DL = 1.506$$

$$BEC = 25.81$$

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	58.33	0.0000	P	28.5
2	☐	1.000	0.967	8369.31	0.0007	P	3.6
3	☐	50.000	55.875	466596.70	0.0422	P	2.6
4	☐	125.000	136.574	1142810.85	0.1032	P	3.7
5	☐	250.000	269.488	2243942.67	0.2036	A	1.2
6	☐	500.000	503.961	4279156.52	0.3807	A	3.9
7	☐	1000.000	991.407	8429852.79	0.7489	A	4.3
8	☐			4120.14	0.0004	P	1.6

$$y = 7.5539\text{E-}004 * x + 5.3648\text{E-}006$$

$$R = 0.9998$$

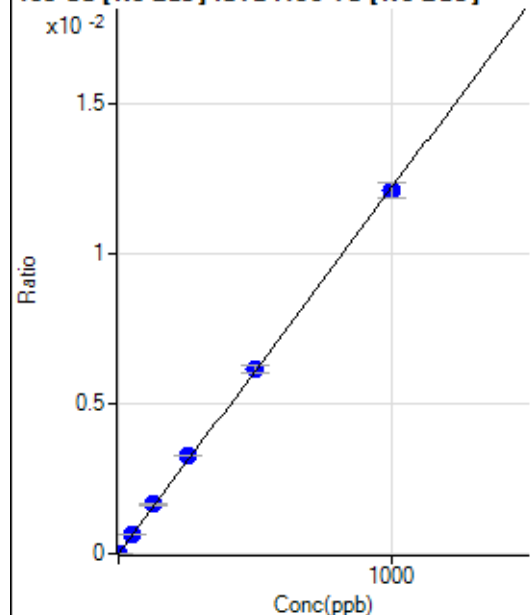
$$DL = 0.006065$$

$$BEC = 0.007102$$

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	16.67	0.0000	P	52.2
2	☐	1.000	1.133	175.00	0.0000	P	9.1
3	☐	50.000	54.185	7326.93	0.0007	P	3.3
4	☐	125.000	134.852	18249.12	0.0016	P	3.3
5	☐	250.000	269.782	36310.74	0.0033	P	0.3
6	☐	500.000	503.039	69021.28	0.0061	P	4.5
7	☐	1000.000	992.094	136312.37	0.0121	P	4.2
8	☐			90.28	0.0000	P	14.4

$$y = 1.2205\text{E-}005 * x + 1.5430\text{E-}006$$

$$R = 0.9998$$

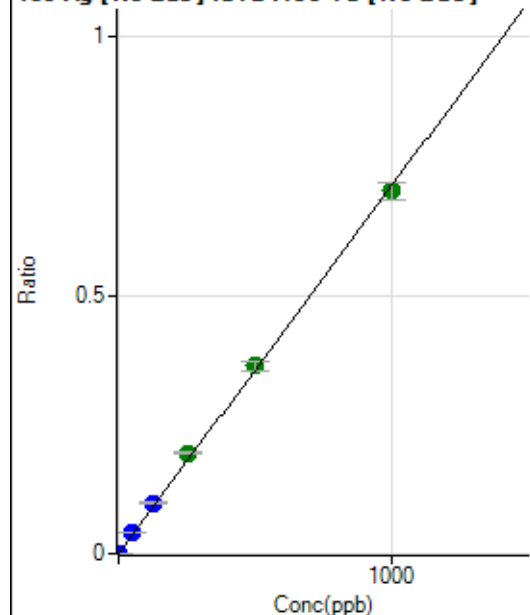
$$DL = 0.1981$$

$$BEC = 0.1264$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	59.0
2	☐	1.000	1.026	8330.36	0.0007	P	6.1
3	☐	50.000	56.930	448079.66	0.0405	P	2.5
4	☐	125.000	137.880	1087399.74	0.0982	P	3.8
5	☐	250.000	274.038	2150685.18	0.1951	A	0.9
6	☐	500.000	510.370	4084328.83	0.3634	A	4.4
7	☐	1000.000	986.849	7908616.06	0.7027	A	4.6
8	☐			4008.99	0.0004	P	7.9

$$y = 7.1201\text{E-}004 * x + 2.0590\text{E-}006$$

$$R = 0.9996$$

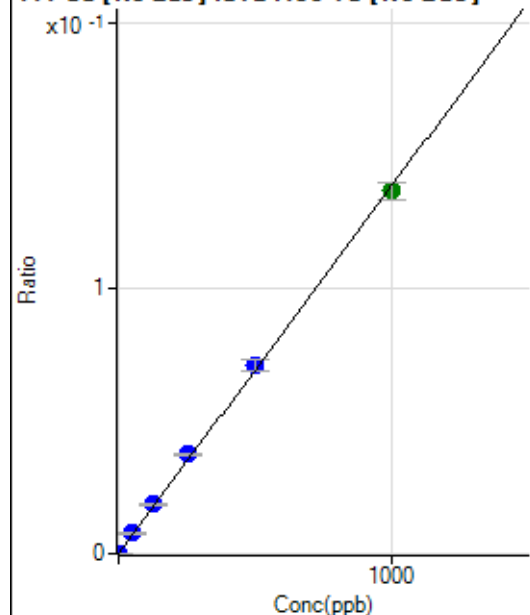
$$DL = 0.00512$$

$$BEC = 0.002892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-3.98	0.0000	P	-197.
2	☐	1.000	1.046	1643.85	0.0001	P	7.2
3	☐	50.000	55.265	84675.76	0.0077	P	2.5
4	☐	125.000	135.620	208224.77	0.0188	P	3.9
5	☐	250.000	269.685	412066.49	0.0374	P	1.4
6	☐	500.000	512.646	798513.48	0.0711	P	5.7
7	☐	1000.000	987.165	1540177.47	0.1368	A	4.7
8	☐			699.28	0.0001	P	5.9

$$y = 1.3862\text{E-}004 * x - 3.7828\text{E-}007$$

$$R = 0.9996$$

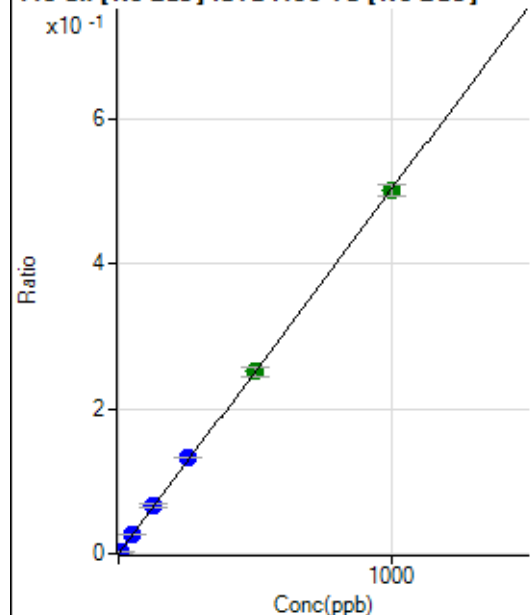
$$DL = 0.0162$$

$$BEC = -0.002729$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	605.58	0.0001	P	1.3
2	☐	5.000	4.987	29121.57	0.0026	P	5.1
3	☐	50.000	53.466	297562.52	0.0269	P	2.5
4	☐	125.000	131.664	733348.31	0.0662	P	4.4
5	☐	250.000	263.331	1459048.67	0.1324	P	1.5
6	☐	500.000	499.393	2820637.93	0.2510	A	4.9
7	☐	1000.000	995.964	5634232.37	0.5005	A	3.3
8	☐			6837.92	0.0007	P	5.0

$$y = 5.0245\text{E-}004 * x + 5.5639\text{E-}005$$

$$R = 0.9999$$

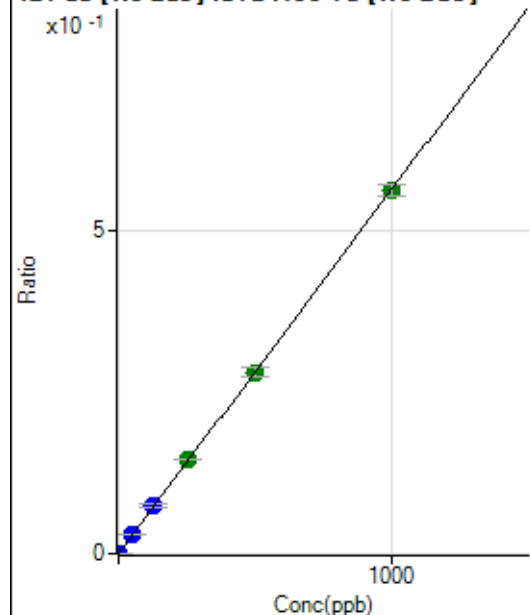
$$DL = 0.00431$$

$$BEC = 0.1107$$

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	25.00	0.0000	P	65.8
2	☐	2.000	1.924	12341.72	0.0011	P	5.3
3	☐	50.000	53.496	333042.28	0.0301	P	1.7
4	☐	125.000	132.184	824468.32	0.0744	P	4.5
5	☐	250.000	260.169	1614965.73	0.1465	A	0.7
6	☐	500.000	499.240	3159186.29	0.2811	A	5.6
7	☐	1000.000	996.765	6319167.81	0.5613	A	3.1
8	☐			4753.70	0.0005	P	6.0

$$y = 5.6313\text{E-}004 * x + 2.2765\text{E-}006$$

$$R = 0.9999$$

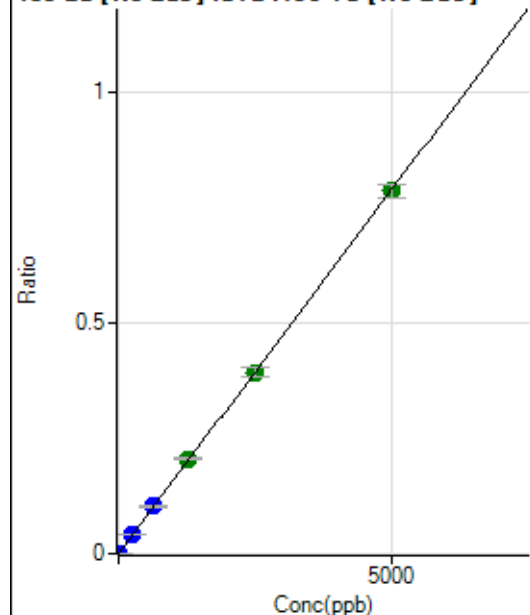
$$DL = 0.007974$$

$$BEC = 0.004043$$

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	30.56	0.0000	P	30.3
2	☐	10.000	9.415	16877.07	0.0015	P	3.9
3	☐	250.000	262.494	456535.67	0.0413	P	2.4
4	☐	625.000	651.662	1135596.15	0.1025	P	4.3
5	☐	1250.000	1300.235	2254879.00	0.2046	A	1.7
6	☐	2500.000	2491.982	4405893.11	0.3921	A	5.3
7	☐	5000.000	4987.494	8833228.50	0.7847	A	4.0
8	☐			4953.77	0.0005	P	2.9

$$y = 1.5733\text{E-}004 * x + 2.8026\text{E-}006$$

$$R = 0.9999$$

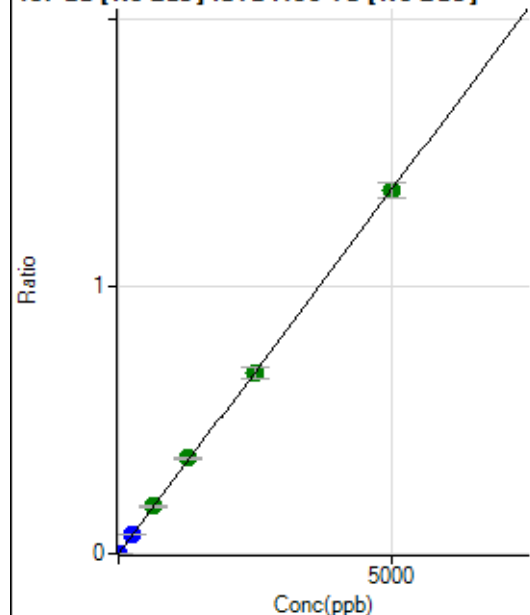
$$DL = 0.01621$$

$$BEC = 0.01781$$

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	47.22	0.0000	P	35.5
2	☐	10.000	9.399	29150.01	0.0026	P	4.2
3	☐	250.000	263.334	792695.06	0.0717	P	1.7
4	☐	625.000	649.410	1958809.22	0.1768	A	3.4
5	☐	1250.000	1311.309	3935819.27	0.3571	A	0.6
6	☐	2500.000	2488.665	7613937.41	0.6777	A	6.2
7	☐	5000.000	4986.624	15284296.18	1.3578	A	4.3
8	☐			8983.63	0.0009	P	2.1

$$y = 2.7229\text{E-}004 * x + 4.3313\text{E-}006$$

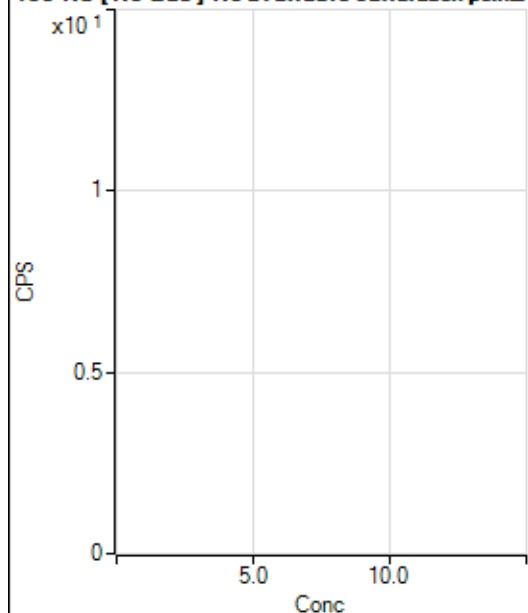
$$R = 0.9999$$

$$DL = 0.01692$$

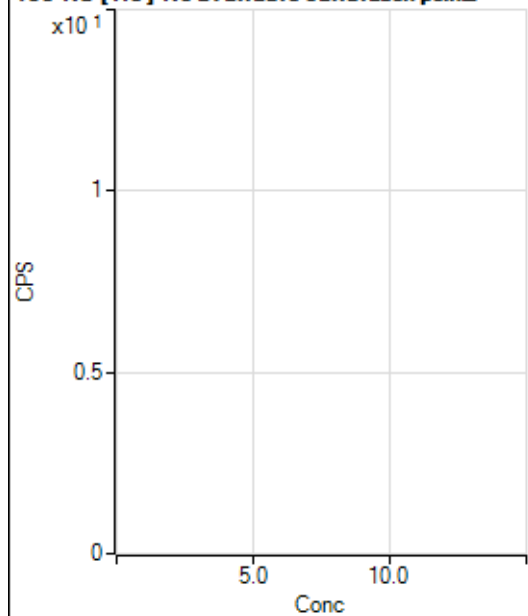
$$BEC = 0.01591$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			17.78		P	43.3
3	☐			53.33		P	57.3
4	☐			113.34		P	21.2
5	☐			246.67		P	22.1
6	☐			444.46		P	17.8
7	☐			971.17		P	7.2
8	☐			46.67		P	65.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐			1.11		P	173.2
3	☐			7.78		P	99.0
4	☐			18.89		P	10.2
5	☐			33.34		P	17.3
6	☐			71.11		P	11.8
7	☐			162.23		P	7.2
8	☐			36.67		P	48.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐			2.78		P	173.2
3	☐			30.55		P	15.7
4	☐			61.11		P	28.4
5	☐			116.67		P	12.4
6	☐			194.45		P	44.6
7	☐			505.58		P	18.7
8	☐			1555.69		P	10.4

156 Dy [He] No available calibration points

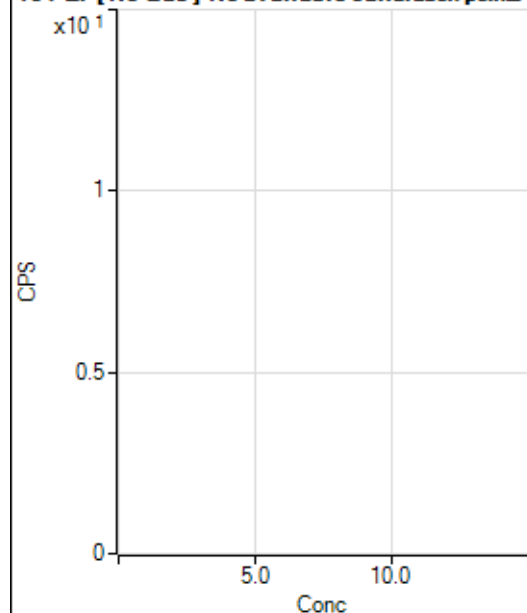
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			6.67		P	50.0
3	☐			18.89		P	20.4
4	☐			63.33		P	5.3
5	☐			115.56		P	19.2
6	☐			218.89		P	18.0
7	☐			448.90		P	4.1
8	☐			832.26		P	9.6

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

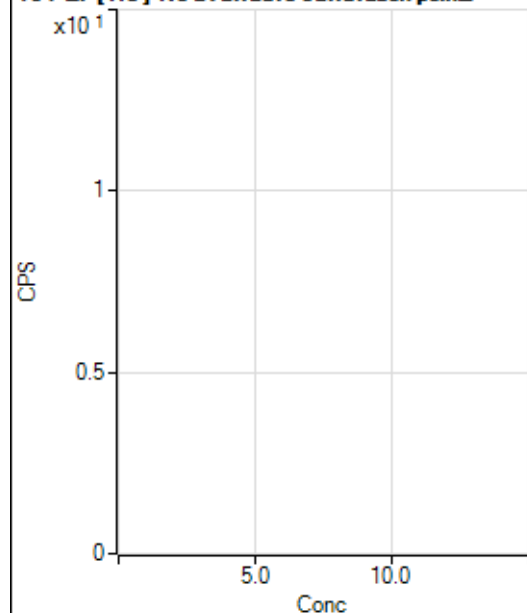
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	50.8
2	☐			47.22		P	44.4
3	☐			61.11		P	15.7
4	☐			86.11		P	22.4
5	☐			127.78		P	32.2
6	☐			244.45		P	14.2
7	☐			344.46		P	13.3
8	☐			1577.91		P	8.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			262.23		P	15.8
2	☐			287.78		P	7.4
3	☐			280.01		P	8.3
4	☐			327.78		P	9.6
5	☐			330.01		P	21.2
6	☐			402.24		P	6.2
7	☐			481.12		P	7.1
8	☐			1257.85		P	3.9

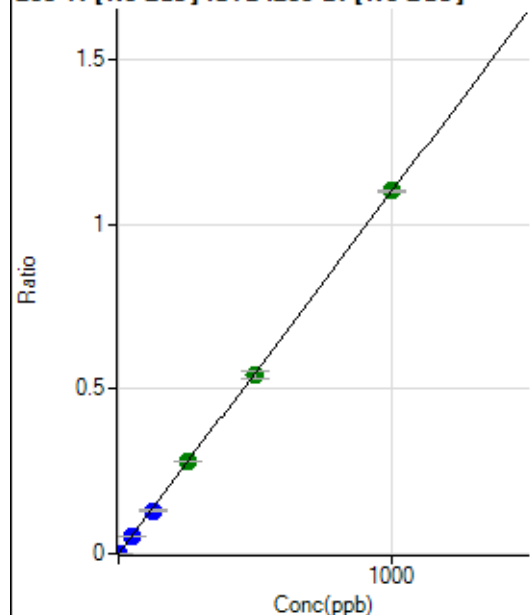
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	40.8
2	☐			61.11		P	61.5
3	☐			38.89		P	12.4
4	☐			52.78		P	50.8
5	☐			66.67		P	33.1
6	☐			50.00		P	44.1
7	☐			111.12		P	18.9
8	☐			102.78		P	28.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	45.1
2	☐			24.44		P	41.7
3	☐			18.89		P	44.4
4	☐			35.56		P	23.6
5	☐			32.22		P	23.9
6	☐			31.11		P	34.4
7	☐			42.22		P	12.1
8	☐			68.89		P	18.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	52.1
2	☐	1.000	0.897	7102.04	0.0010	P	2.9
3	☐	50.000	48.322	369590.63	0.0531	P	1.0
4	☐	125.000	118.907	913883.96	0.1306	P	3.6
5	☐	250.000	254.127	1925296.73	0.2790	A	1.2
6	☐	500.000	494.380	3772723.82	0.5428	A	3.9
7	☐	1000.000	1002.624	7520127.77	1.1008	A	0.9
8	☐			1611.25	0.0003	P	2.7

$$y = 0.0011 * x + 1.0877E-005$$

$$R = 0.9999$$

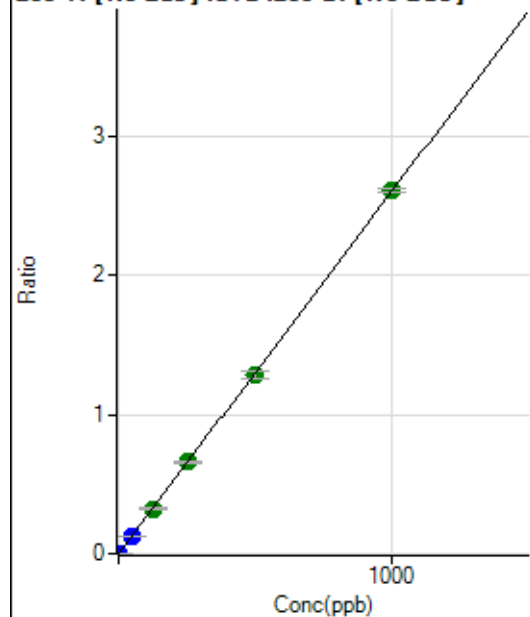
$$DL = 0.01549$$

$$BEC = 0.009907$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	16.8
2	☐	1.000	0.869	16296.32	0.0023	P	3.4
3	☐	50.000	48.302	875021.31	0.1256	P	0.8
4	☐	125.000	124.709	2270446.30	0.3243	A	2.3
5	☐	250.000	253.968	4557241.64	0.6604	A	1.7
6	☐	500.000	492.158	8894735.18	1.2798	A	4.4
7	☐	1000.000	1003.050	17820110.29	2.6083	A	1.0
8	☐			4100.72	0.0007	P	3.0

$$y = 0.0026 * x + 2.4052E-005$$

$$R = 0.9999$$

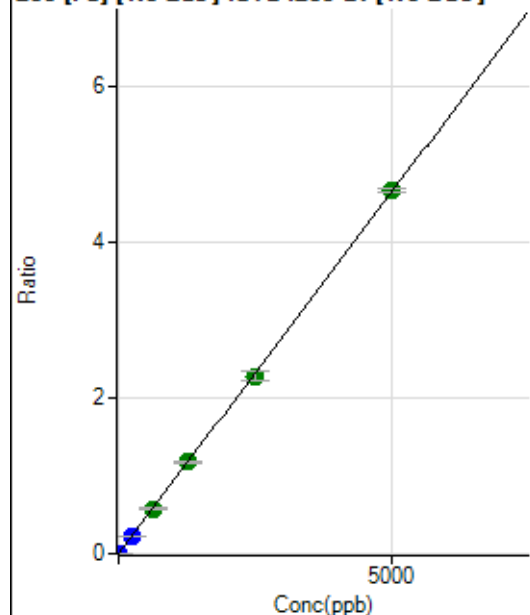
$$DL = 0.004653$$

$$BEC = 0.00925$$

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	181.49	0.0000	P	14.0
2	☐	1.000	0.831	5679.06	0.0008	P	7.7
3	☐	250.000	236.129	1525023.71	0.2189	P	1.0
4	☐	625.000	619.312	4019043.70	0.5742	A	4.4
5	☐	1250.000	1269.776	8123690.11	1.1773	A	1.8
6	☐	2500.000	2456.396	15825773.97	2.2774	A	5.1
7	☐	5000.000	5018.262	31785652.79	4.6526	A	1.1
8	☐			7452.15	0.0013	P	3.1

$$y = 9.2712\text{E-}004 * x + 2.6262\text{E-}005$$

$$R = 0.9999$$

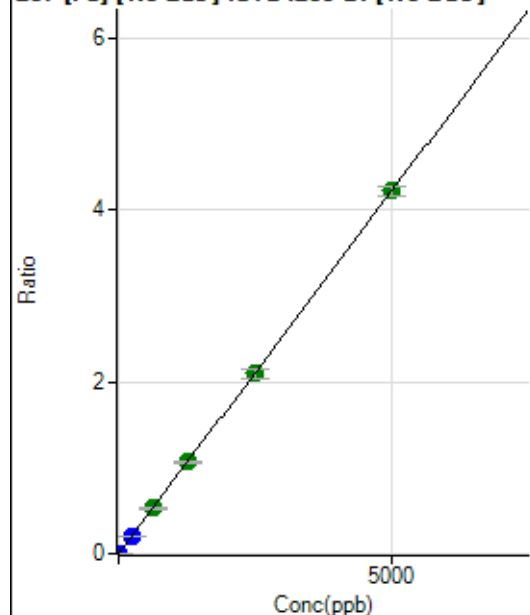
$$DL = 0.0119$$

$$BEC = 0.02833$$

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	138.89	0.0000	P	22.4
2	☐	1.000	0.840	5191.81	0.0007	P	4.5
3	☐	250.000	235.133	1379753.53	0.1981	P	1.3
4	☐	625.000	625.322	3687195.95	0.5268	A	3.7
5	☐	1250.000	1264.415	7349729.22	1.0651	A	1.7
6	☐	2500.000	2482.967	14533985.28	2.0916	A	5.5
7	☐	5000.000	5005.616	28807903.19	4.2165	A	2.7
8	☐			6636.92	0.0011	P	8.0

$$y = 8.4235\text{E-}004 * x + 2.0107\text{E-}005$$

$$R = 1.0000$$

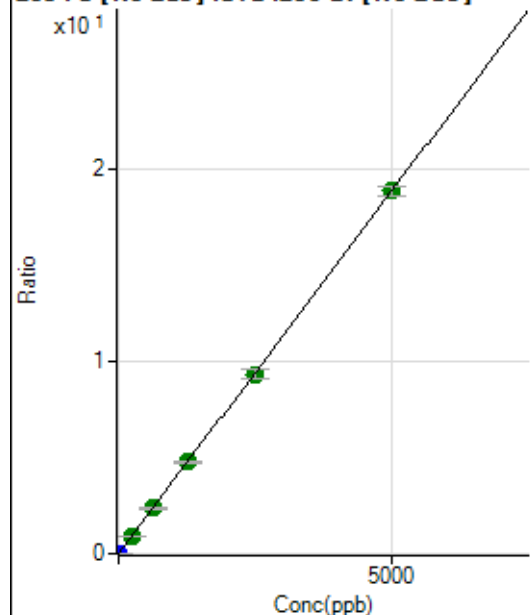
$$DL = 0.01605$$

$$BEC = 0.02387$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	674.09	0.0001	P	6.8
2	☐	1.000	0.829	22935.65	0.0032	P	4.6
3	☐	250.000	246.167	6447045.34	0.9256	A	1.1
4	☐	625.000	624.483	16434437.52	2.3479	A	3.8
5	☐	1250.000	1269.590	32937080.71	4.7732	A	1.6
6	☐	2500.000	2478.131	64740085.48	9.3167	A	5.5
7	☐	5000.000	5006.293	128588574.6	18.8214	A	2.5
8	☐			30547.36	0.0053	P	4.0

$$y = 0.0038 * x + 9.7475E-005$$

$$R = 1.0000$$

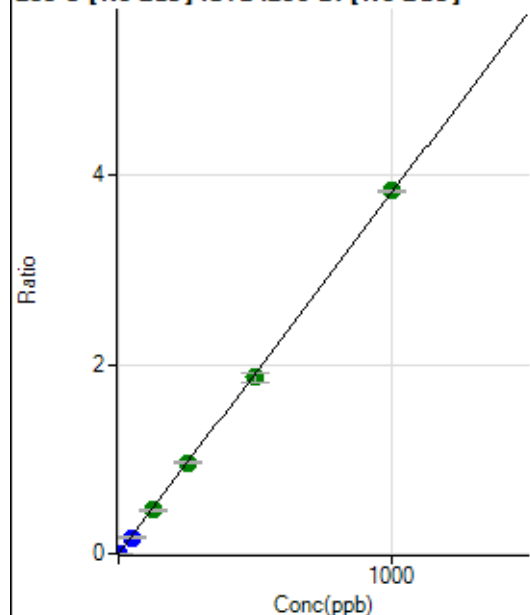
$$DL = 0.005275$$

$$BEC = 0.02593$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	173.2
2	☐	1.000	0.829	22544.64	0.0032	P	3.8
3	☐	50.000	45.255	1200341.35	0.1723	P	2.3
4	☐	125.000	121.215	3231055.65	0.4616	A	4.2
5	☐	250.000	251.785	6616491.64	0.9588	A	2.0
6	☐	500.000	488.589	12930566.78	1.8606	A	4.8
7	☐	1000.000	1005.970	26171521.24	3.8309	A	0.8
8	☐			3022.66	0.0005	P	15.4

$$y = 0.0038 * x + 1.6289E-006$$

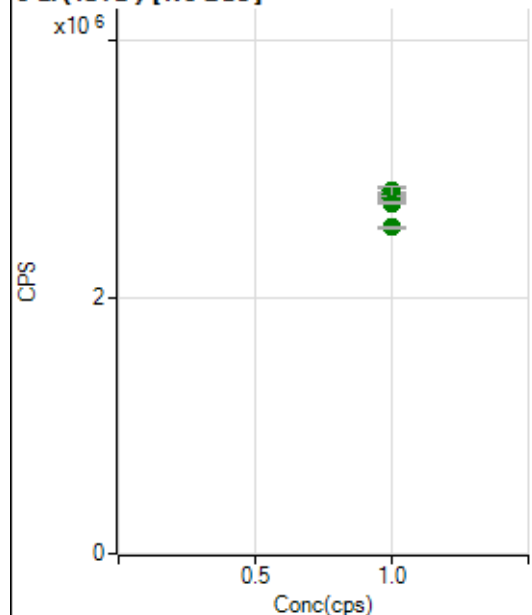
$$R = 0.9999$$

$$DL = 0.002223$$

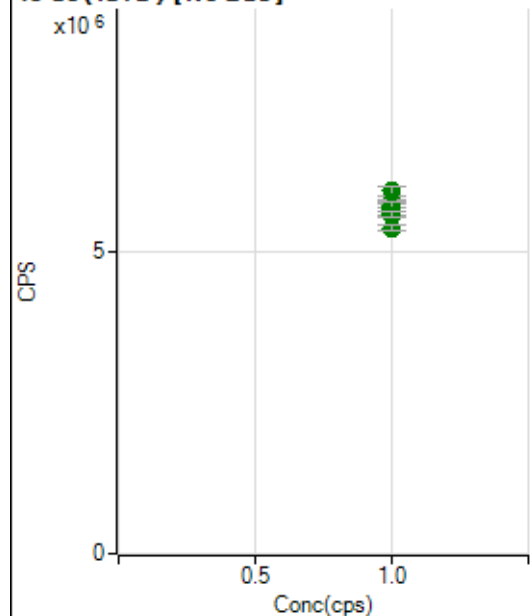
$$BEC = 0.0004277$$

Weight: <None>

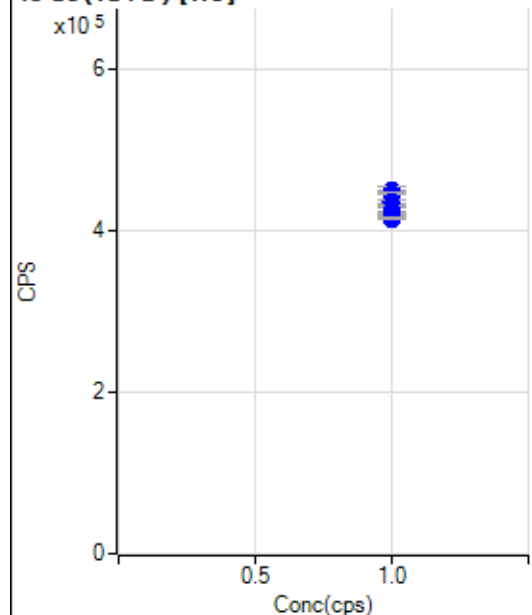
Min Conc: 0

6 Li (ISTD) [No Gas]

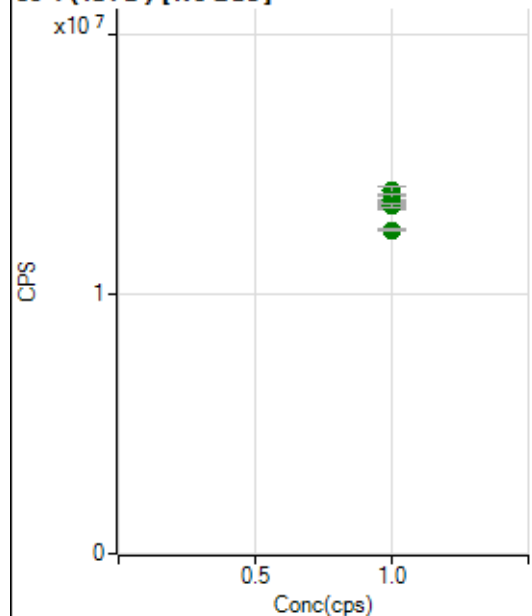
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2792243.40		A	1.4
2	☐	1.000		2816299.82		A	2.6
3	☐	1.000		2776229.51		A	1.9
4	☐	1.000		2799486.04		A	1.4
5	☐	1.000		2771529.68		A	0.9
6	☐	1.000		2829103.08		A	2.5
7	☐	1.000		2733555.62		A	0.7
8	☐	1.000		2546274.91		A	0.7

45 Sc (ISTD) [No Gas]

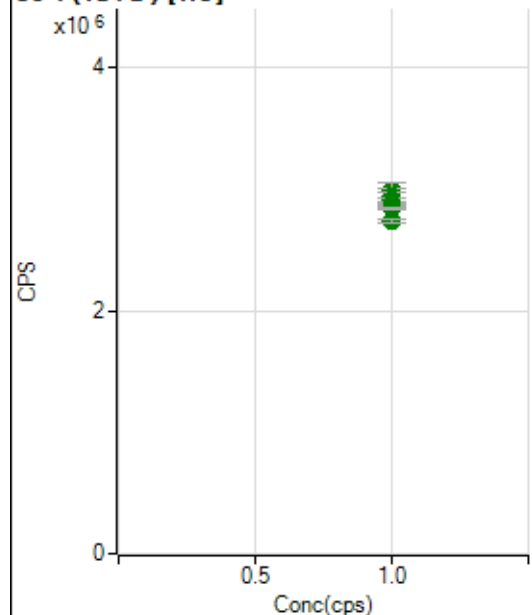
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5779102.69		A	1.4
2	☐	1.000		6017447.96		A	2.8
3	☐	1.000		5849976.02		A	0.6
4	☐	1.000		5756119.57		A	2.6
5	☐	1.000		5648931.10		A	0.8
6	☐	1.000		5721528.39		A	3.6
7	☐	1.000		5622056.93		A	2.0
8	☐	1.000		5404545.75		A	1.5

45 Sc (ISTD) [He]

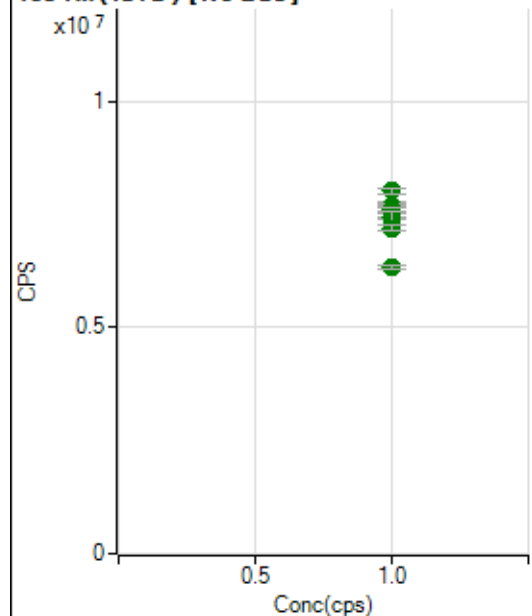
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		448330.83		P	0.4
2	☐	1.000		437803.18		P	7.5
3	☐	1.000		444778.50		P	0.6
4	☐	1.000		434358.87		P	0.8
5	☐	1.000		429197.34		P	0.4
6	☐	1.000		422058.16		P	0.5
7	☐	1.000		417314.03		P	0.1
8	☐	1.000		414606.01		P	0.4

89 Y (ISTD) [No Gas]

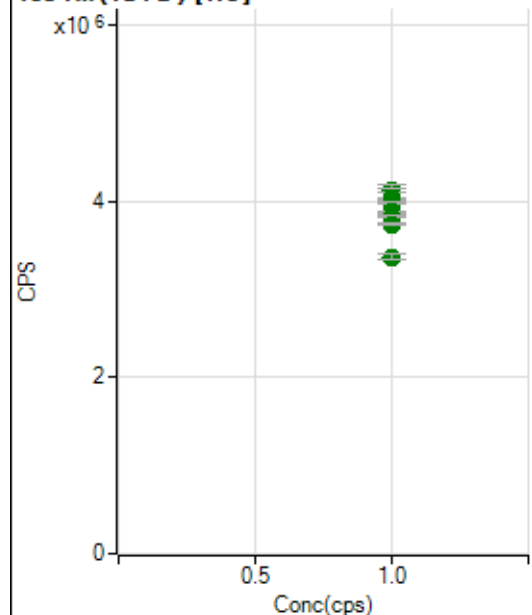
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13382077.99		A	1.6
2	☐	1.000		13963206.18		A	2.9
3	☐	1.000		13573941.46		A	0.4
4	☐	1.000		13440498.96		A	2.7
5	☐	1.000		13368025.63		A	1.1
6	☐	1.000		13622934.66		A	3.2
7	☐	1.000		13418588.69		A	1.2
8	☐	1.000		12462672.31		A	0.9

89 Y(ISTD) [He]

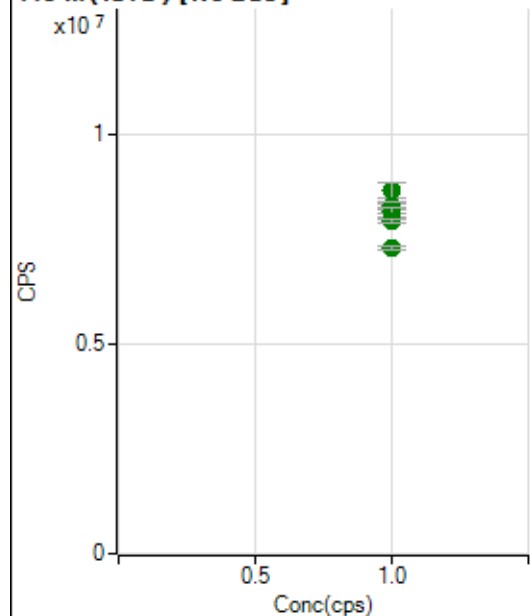
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2983537.70		A	0.9
2	☐	1.000		2942174.09		A	7.9
3	☐	1.000		2947901.48		A	1.3
4	☐	1.000		2914112.80		A	1.2
5	☐	1.000		2873482.87		A	0.8
6	☐	1.000		2858898.01		A	0.8
7	☐	1.000		2841286.38		A	0.6
8	☐	1.000		2738219.71		A	0.9

103 Rh(ISTD) [No Gas]

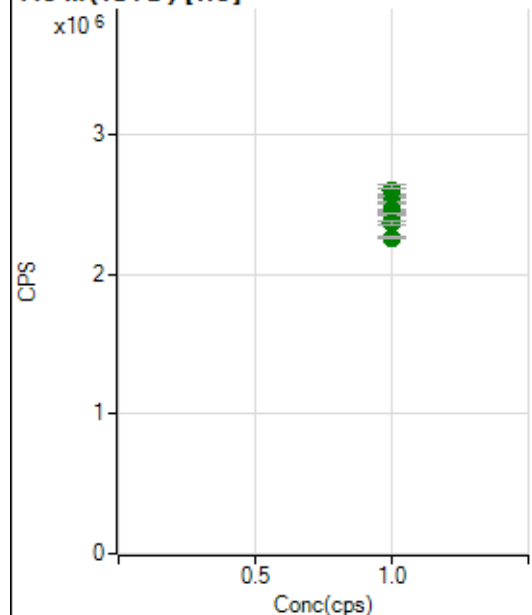
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7682312.18		A	2.3
2	☐	1.000		8027299.32		A	1.5
3	☐	1.000		7717296.83		A	0.4
4	☐	1.000		7600271.62		A	1.8
5	☐	1.000		7418505.44		A	0.4
6	☐	1.000		7430664.20		A	4.0
7	☐	1.000		7201561.49		A	1.8
8	☐	1.000		6333569.42		A	1.1

103 Rh (ISTD) [He]

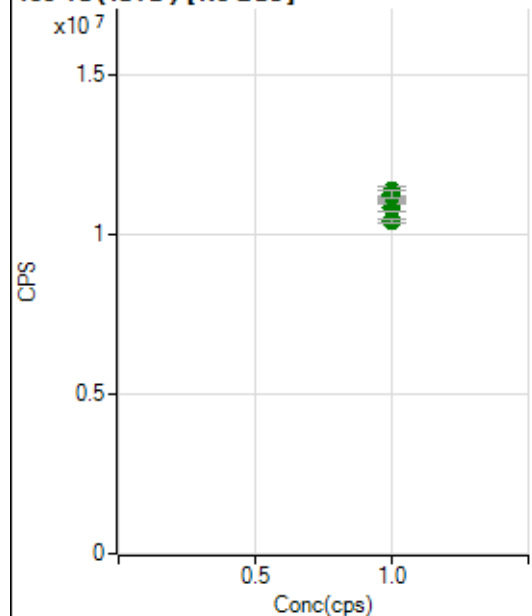
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4122466.71		A	0.9
2	☐	1.000		4017190.88		A	9.1
3	☐	1.000		4040654.35		A	0.5
4	☐	1.000		3994692.33		A	0.5
5	☐	1.000		3883562.31		A	0.6
6	☐	1.000		3832436.16		A	0.9
7	☐	1.000		3747255.15		A	0.4
8	☐	1.000		3370254.15		A	2.0

115 In (ISTD) [No Gas]

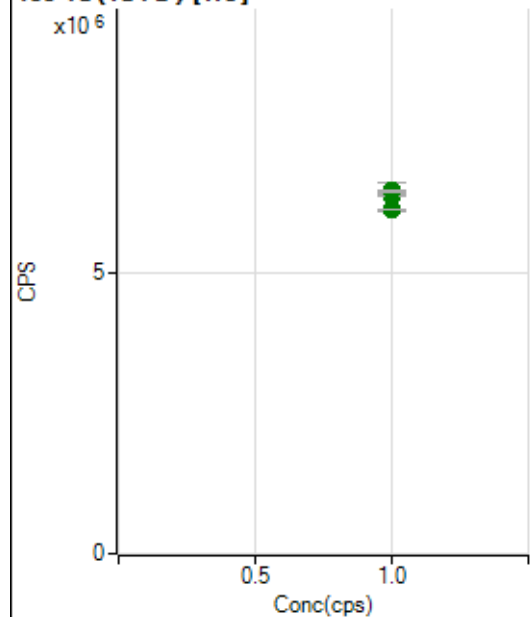
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8285673.41		A	1.6
2	☐	1.000		8645128.60		A	4.2
3	☐	1.000		8303151.86		A	0.9
4	☐	1.000		8295797.32		A	2.0
5	☐	1.000		8145461.73		A	1.0
6	☐	1.000		8144793.23		A	3.0
7	☐	1.000		7927270.39		A	0.8
8	☐	1.000		7279504.16		A	1.6

115 In (ISTD) [He]

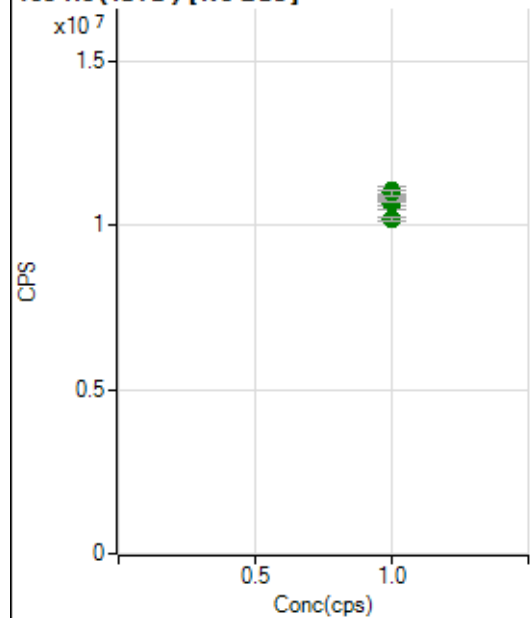
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2597409.71		A	1.9
2	☐	1.000		2545251.54		A	7.7
3	☐	1.000		2553805.63		A	0.9
4	☐	1.000		2517174.42		A	0.5
5	☐	1.000		2459836.06		A	0.8
6	☐	1.000		2432795.34		A	0.6
7	☐	1.000		2372962.58		A	1.2
8	☐	1.000		2259905.99		A	0.4

159 Tb (ISTD) [No Gas]

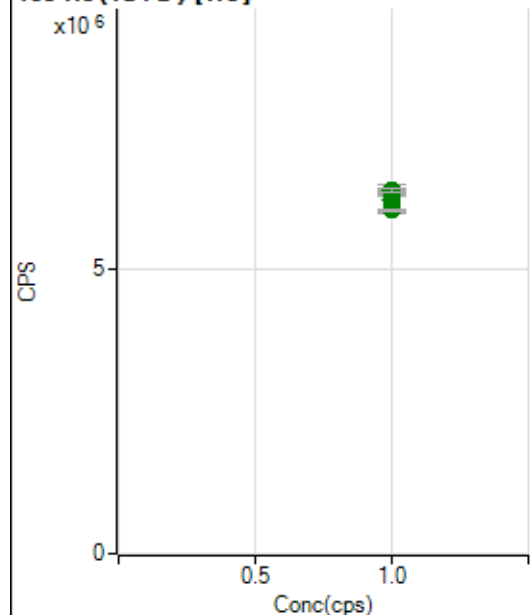
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10882742.20		A	2.6
2	☐	1.000		11379393.86		A	2.8
3	☐	1.000		11055847.47		A	1.2
4	☐	1.000		11081190.04		A	1.8
5	☐	1.000		11022486.92		A	0.5
6	☐	1.000		11248286.64		A	2.7
7	☐	1.000		11262763.59		A	2.1
8	☐	1.000		10460867.07		A	1.1

159 Tb (ISTD) [He]

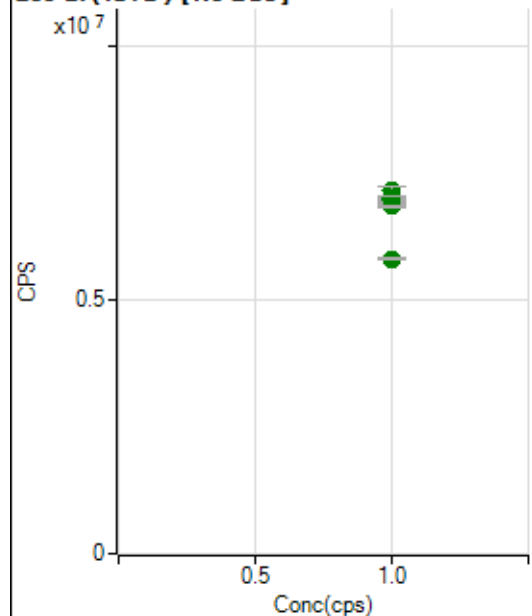
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6447014.00		A	0.6
2	☐	1.000		6366661.02		A	8.0
3	☐	1.000		6459143.93		A	0.7
4	☐	1.000		6381976.85		A	0.9
5	☐	1.000		6447114.21		A	0.6
6	☐	1.000		6372525.67		A	0.6
7	☐	1.000		6457391.50		A	0.5
8	☐	1.000		6136517.55		A	0.2

165 Ho (ISTD) [No Gas]

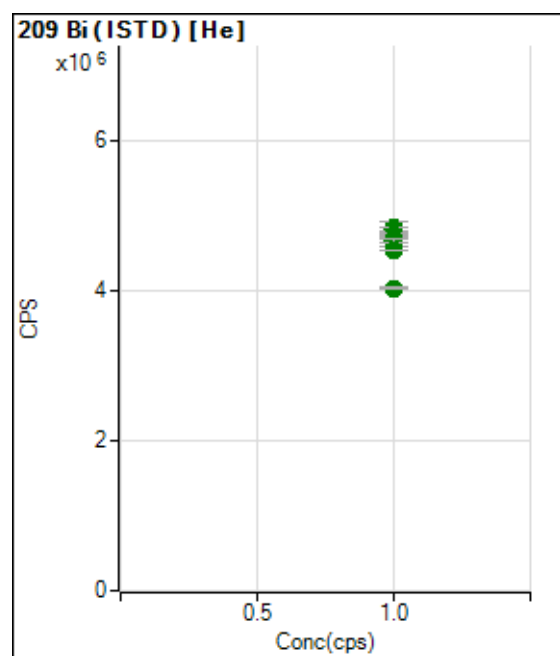
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10651432.13		A	2.6
2	☐	1.000		11052289.00		A	2.3
3	☐	1.000		10777946.85		A	0.9
4	☐	1.000		10709294.56		A	2.2
5	☐	1.000		10746530.95		A	0.6
6	☐	1.000		11005654.35		A	3.0
7	☐	1.000		10989431.78		A	1.9
8	☐	1.000		10190456.93		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6336591.92		A	1.3
2	☐	1.000		6226255.26		A	8.3
3	☐	1.000		6359670.81		A	0.6
4	☐	1.000		6322154.91		A	0.7
5	☐	1.000		6305792.55		A	0.9
6	☐	1.000		6360922.61		A	0.6
7	☐	1.000		6374762.41		A	1.2
8	☐	1.000		6040111.51		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6919212.88		A	1.4
2	☐	1.000		7138266.14		A	2.7
3	☐	1.000		6965602.81		A	0.8
4	☐	1.000		7002294.48		A	1.5
5	☐	1.000		6900489.06		A	0.1
6	☐	1.000		6955626.98		A	2.8
7	☐	1.000		6831920.52		A	0.8
8	☐	1.000		5805264.56		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4846566.67		A	0.2
2	☐	1.000		4771789.20		A	6.8
3	☐	1.000		4833316.42		A	0.7
4	☐	1.000		4761563.54		A	0.6
5	☐	1.000		4708638.65		A	0.8
6	☐	1.000		4677809.13		A	1.0
7	☐	1.000		4548115.66		A	0.5
8	☐	1.000		4044555.46		A	1.0