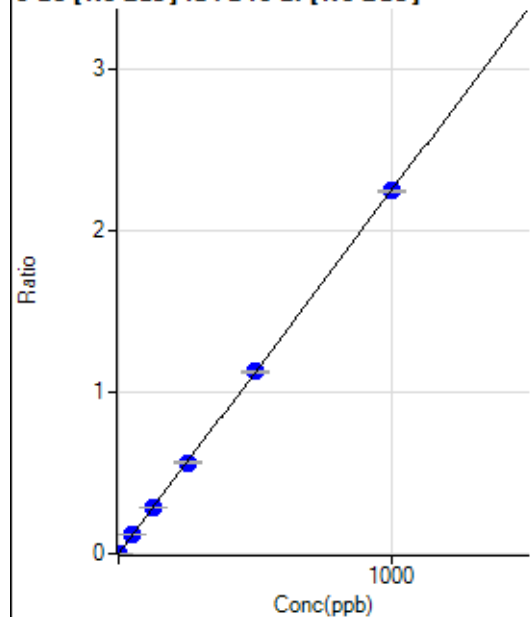


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7062525- MS.b\
 Analysis File: P7062525- MS.batch.bin
 DA Date-Time: 2025-06-25 18:38:16
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-06-25 15:35:23
2	006CALS.d	S02	2025-06-25 15:42:07
3	007CALS.d	S03	2025-06-25 15:45:28
4	008CALS.d	S04	2025-06-25 15:48:49
5	009CALS.d	S05	2025-06-25 15:51:56
6	010CALS.d	S06	2025-06-25 15:54:57
7	011CALS.d	S07	2025-06-25 15:57:48
8	012CALS.d	S08	2025-06-25 16:00:39

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0001	P	49.5
2	☐	1.000	1.175	677.80	0.0027	P	9.5
3	☐	50.000	51.349	30477.66	0.1154	P	2.0
4	☐	125.000	125.492	74385.75	0.2818	P	1.7
5	☐	250.000	251.328	148083.86	0.5643	P	1.5
6	☐	500.000	501.054	294893.95	1.1250	P	0.6
7	☐	1000.000	999.012	573019.94	2.2431	P	0.8
8	☐			117.78	0.0005	P	10.4

$$y = 0.0022 * x + 6.2043E-005$$

$$R = 1.0000$$

$$DL = 0.041$$

$$BEC = 0.02763$$

Weight: <None>

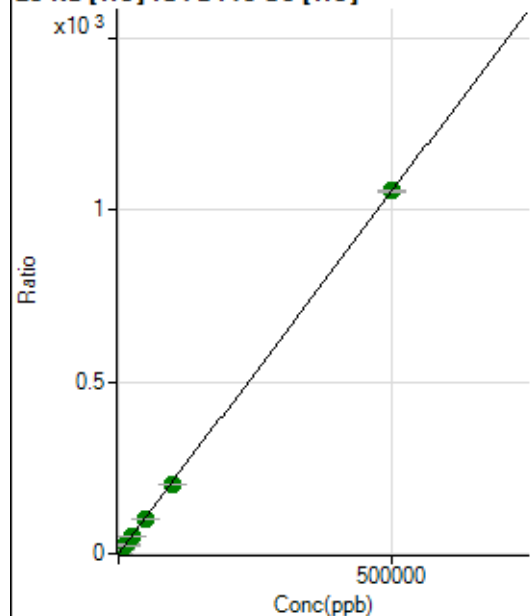
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13970.87	0.0984	P	0.8
2	☐	500.000	441.580	145279.18	1.0295	P	0.7
3	☐	5000.000	4864.616	1531502.36	10.3557	A	0.7
4	☐	12500.000	11919.720	3553407.07	25.2319	A	0.9
5	☐	25000.000	24163.769	7141950.38	51.0492	A	0.3
6	☐	50000.000	48081.191	14118927.43	101.4805	A	0.8
7	☐	100000.00	96568.633	28841941.24	203.7192	A	0.6
8	☐	500000.00	500935.88	151487907.7	1,056.352	A	0.4

$$y = 0.0021 * x + 0.0984$$

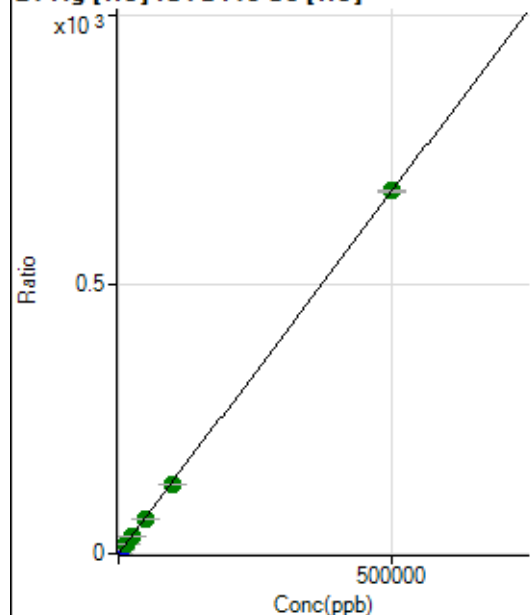
$$R = 1.0000$$

$$DL = 1.051$$

$$BEC = 46.67$$

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	144.44	0.0010	P	13.0
2	☐	500.000	438.943	83359.66	0.5907	P	1.8
3	☐	5000.000	4346.660	863770.07	5.8406	P	0.4
4	☐	12500.000	12161.268	2301084.43	16.3393	A	0.8
5	☐	25000.000	24144.633	4537845.63	32.4385	A	1.3
6	☐	50000.000	48199.496	9009164.38	64.7554	A	1.3
7	☐	100000.00	96574.695	18368460.70	129.7458	A	0.2
8	☐	500000.00	500922.94	96509336.34	672.9739	A	0.4

$$y = 0.0013 * x + 0.0010$$

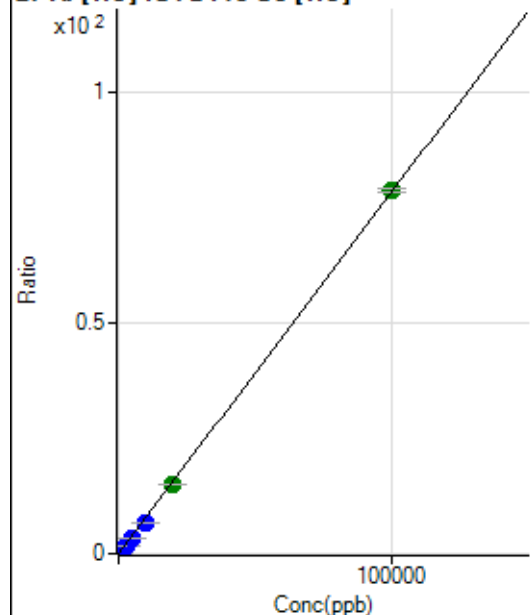
$$R = 1.0000$$

$$DL = 0.2951$$

$$BEC = 0.7572$$

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	106.66	0.0008	P	10.5
2	☐	20.000	16.496	1930.14	0.0137	P	9.4
3	☐	1000.000	873.126	101338.54	0.6852	P	0.6
4	☐	2500.000	2144.685	236877.30	1.6820	P	1.5
5	☐	5000.000	4306.410	472359.24	3.3767	P	1.4
6	☐	10000.000	8551.605	932818.39	6.7047	P	0.4
7	☐	20000.000	19176.917	2128466.13	15.0342	A	0.7
8	☐	100000.00	100354.28	11282040.66	78.6720	A	0.9

$$y = 7.8393E-004 * x + 7.5105E-004$$

$$R = 0.9999$$

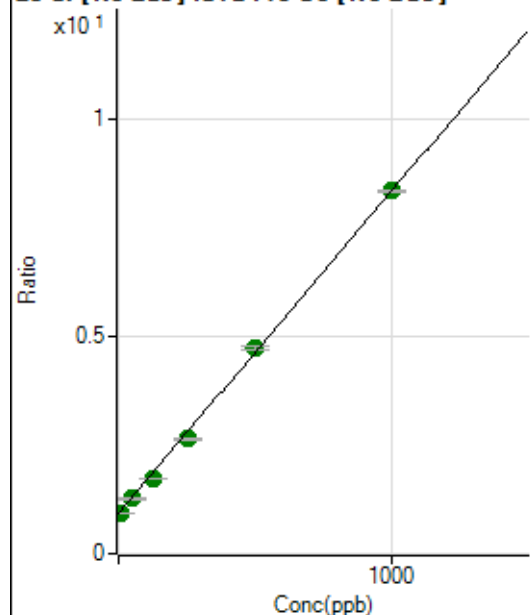
$$DL = 0.3006$$

$$BEC = 0.958$$

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	1753926.79	0.9307	A	2.7
2	☐	10.000	0.365	1751315.06	0.9334	A	1.1
3	☐	50.000	44.756	2455189.96	1.2623	A	1.1
4	☐	125.000	107.344	3305949.32	1.7261	A	0.7
5	☐	250.000	229.581	4873681.42	2.6320	A	2.7
6	☐	500.000	514.478	8786872.30	4.7431	A	1.5
7	☐	1000.000	1000.431	15234018.39	8.3442	A	0.6
8	☐			1595539.38	0.8622	A	3.9

$$y = 0.0074 * x + 0.9307$$

$$R = 0.9996$$

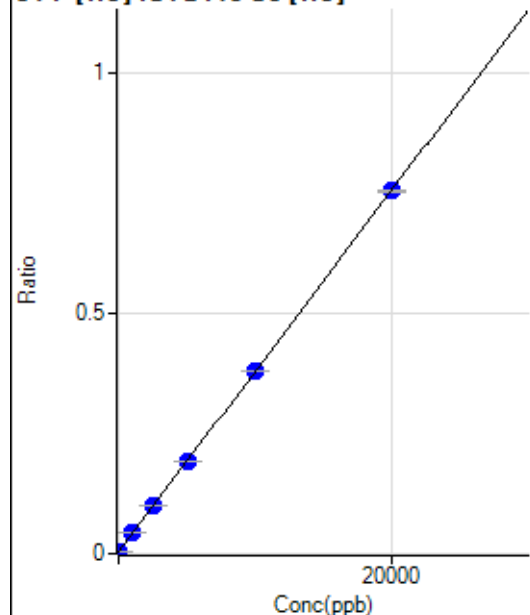
$$DL = 10.01$$

$$BEC = 125.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.061	458.90	0.0032	P	4.1
2	☐	0.000	15.061	615.58	0.0044	P	6.8
3	☐	1000.000	1042.114	6342.49	0.0429	P	1.1
4	☐	2500.000	2545.008	13978.71	0.0993	P	1.5
5	☐	5000.000	5013.945	26842.50	0.1919	P	0.6
6	☐	10000.000	9999.915	52715.90	0.3789	P	0.6
7	☐	20000.000	19988.824	106689.82	0.7536	P	0.9
8	☐			492.23	0.0034	P	6.7

$$y = 3.7510E-005 * x + 0.0038$$

$$R = 1.0000$$

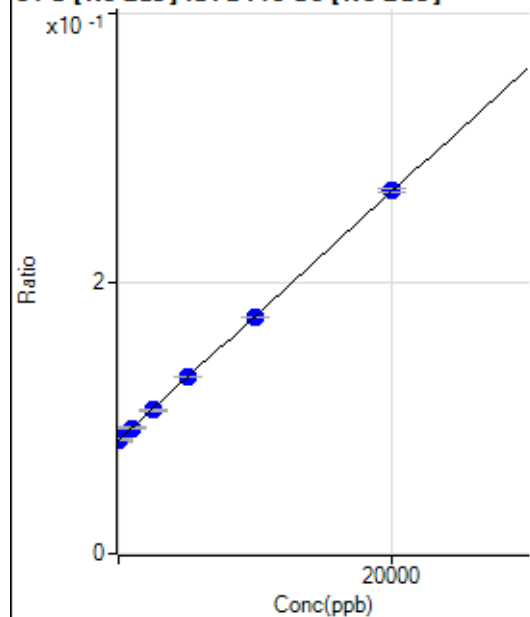
$$DL = 17.15$$

$$BEC = 101.2$$

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	-89.950	157066.37	0.0833	P	0.9
2	☐	0.000	89.950	159445.08	0.0850	P	1.0
3	☐	1000.000	972.443	181078.76	0.0931	P	1.2
4	☐	2500.000	2390.570	203257.24	0.1061	P	1.6
5	☐	5000.000	5066.901	242140.93	0.1307	P	0.8
6	☐	10000.000	9890.055	324333.54	0.1751	P	0.6
7	☐	20000.000	20053.304	490169.03	0.2685	P	1.1
8	☐			141470.86	0.0764	P	3.1

$$y = 9.1923\text{E-}006 * x + 0.0842$$

$$R = 0.9999$$

$$DL = 255.5$$

$$BEC = 9156$$

Weight: <None>

Min Conc: 0

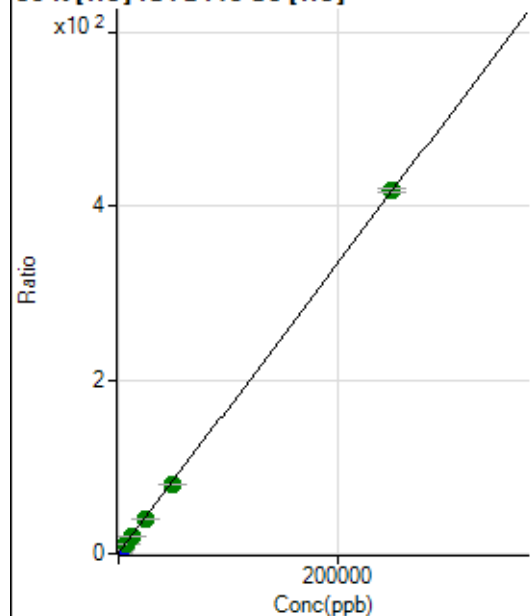
35 Cl [No Gas] No available calibration points



	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	55601.11	0.3916	P	1.0
2	☐	500.000	471.080	166014.00	1.1765	P	1.3
3	☐	2500.000	2276.851	618903.29	4.1849	P	0.7
4	☐	6250.000	5970.314	1455986.40	10.3383	A	1.0
5	☐	12500.000	12027.007	2857760.27	20.4290	A	1.4
6	☐	25000.000	23616.485	5528474.64	39.7374	A	1.3
7	☐	50000.000	47424.361	11241088.72	79.4021	A	0.4
8	☐	250000.00	250686.41	59948983.00	418.0429	A	1.0

$$y = 0.0017 * x + 0.3916$$

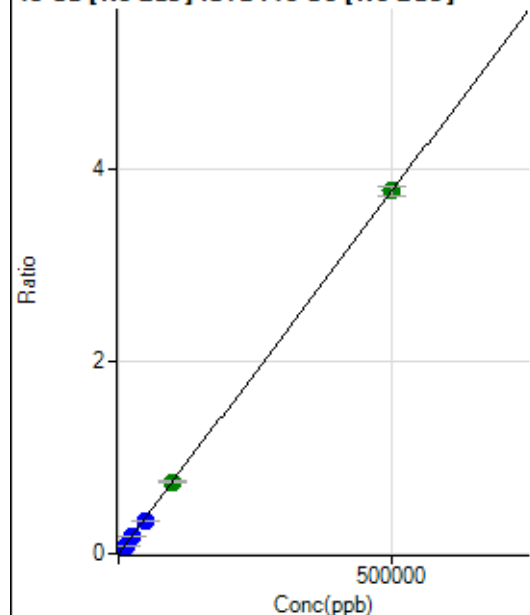
$$R = 0.9999$$

$$DL = 6.855$$

$$BEC = 235.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.01	0.0002	P	6.7
2	☐	500.000	474.717	7109.50	0.0038	P	0.4
3	☐	5000.000	4624.667	68188.98	0.0351	P	2.0
4	☐	12500.000	11333.262	163968.56	0.0856	P	0.7
5	☐	25000.000	22966.193	320905.92	0.1733	P	1.3
6	☐	50000.000	45445.007	634818.64	0.3427	P	0.2
7	☐	100000.00	98605.028	1356799.18	0.7433	A	2.0
8	☐	500000.00	500869.13	6986652.74	3.7746	A	2.6

$$y = 7.5357\text{E-}006 * x + 2.1217\text{E-}004$$

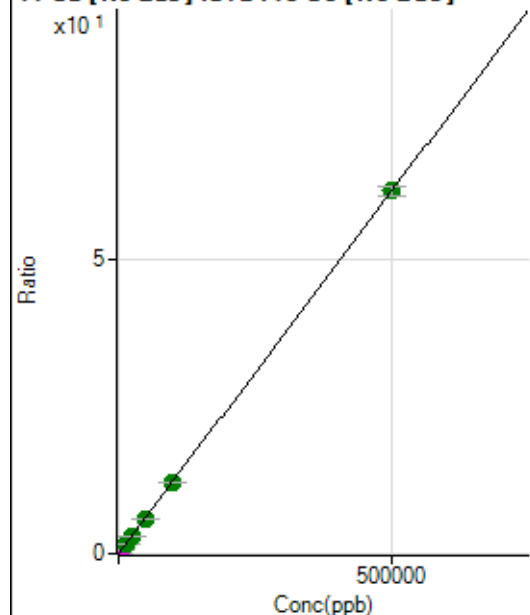
$$R = 1.0000$$

$$DL = 5.697$$

$$BEC = 28.15$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8759.28	0.0046	P	0.9
2	☐	500.000	472.429	117816.50	0.0628	P	1.6
3	☐	5000.000	4830.053	1165450.04	0.5992	M	4.0
4	☐	12500.000	12058.956	2851885.52	1.4891	A	1.2
5	☐	25000.000	24099.756	5503118.67	2.9714	A	1.0
6	☐	50000.000	48302.579	11024616.92	5.9508	A	0.8
7	☐	100000.00	97854.062	21999934.40	12.0507	A	0.9
8	☐	500000.00	500656.69	114080849.4	61.6368	A	2.9

$$y = 1.2310\text{E-}004 * x + 0.0046$$

$$R = 1.0000$$

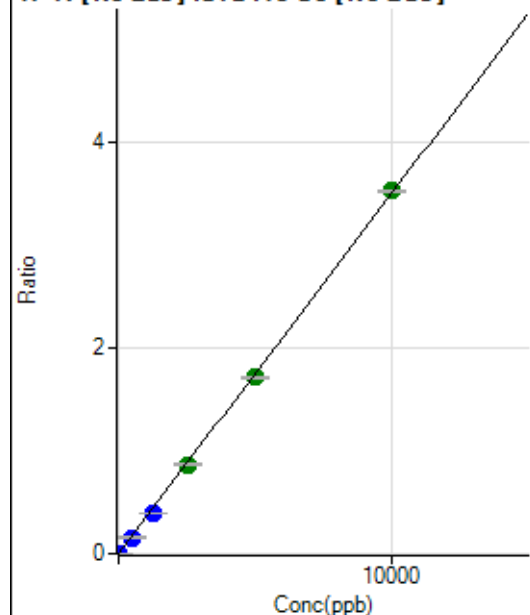
$$DL = 1.037$$

$$BEC = 37.75$$

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	96.67	0.0001	P	21.3
2	☐	5.000	4.587	3102.58	0.0017	P	5.3
3	☐	500.000	452.640	307708.33	0.1582	P	2.2
4	☐	1250.000	1099.474	735910.15	0.3843	P	0.8
5	☐	2500.000	2476.478	1602744.23	0.8654	A	1.7
6	☐	5000.000	4904.070	3174694.57	1.7137	A	1.3
7	☐	10000.000	10075.029	6427846.71	3.5207	A	0.6
8	☐			441.12	0.0002	P	9.6

$$y = 3.4944\text{E-}004 * x + 5.1266\text{E-}005$$

$$R = 0.9998$$

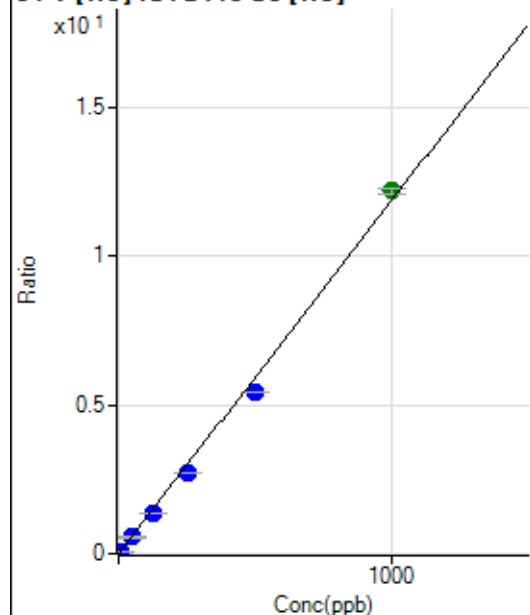
$$DL = 0.09358$$

$$BEC = 0.1467$$

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	5.55	0.0000	P	69.4
2	☐	5.000	4.795	8027.76	0.0569	P	2.0
3	☐	50.000	46.424	81394.68	0.5504	P	1.7
4	☐	125.000	114.817	191693.42	1.3612	P	1.0
5	☐	250.000	229.342	380330.60	2.7188	P	1.4
6	☐	500.000	457.250	754172.67	5.4206	P	0.7
7	☐	1000.000	1027.992	1725215.69	12.1866	A	1.6
8	☐			527.79	0.0037	P	8.3

$$y = 0.0119 * x + 3.9115\text{E-}005$$

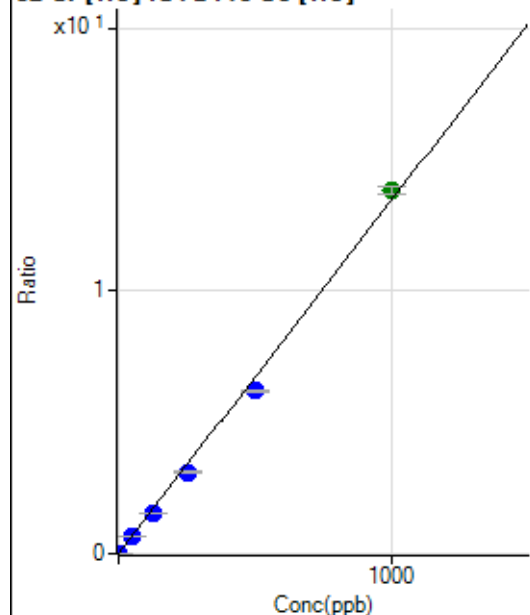
$$R = 0.9984$$

$$DL = 0.006865$$

$$BEC = 0.003299$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1240.09	0.0087	P	3.1
2	☐	2.000	1.934	4903.08	0.0347	P	1.6
3	☐	50.000	46.808	94406.30	0.6384	P	1.0
4	☐	125.000	114.762	218630.53	1.5524	P	1.0
5	☐	250.000	230.283	434571.56	3.1063	P	0.5
6	☐	500.000	460.094	862260.33	6.1976	P	0.6
7	☐	1000.000	1026.322	1955556.03	13.8141	A	2.1
8	☐			3707.16	0.0259	P	2.9

$$y = 0.0135 * x + 0.0087$$

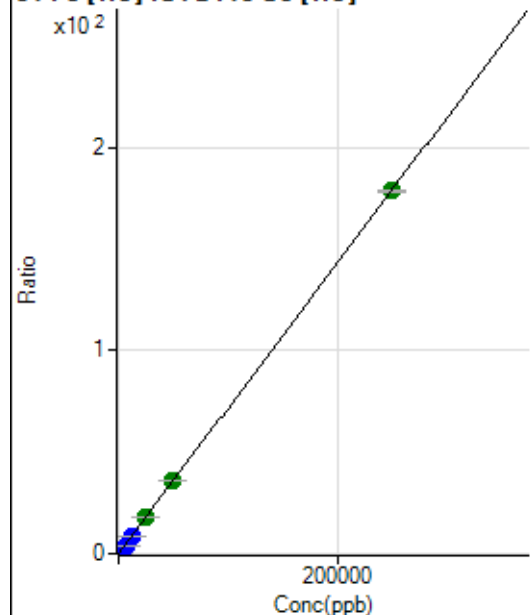
$$R = 0.9986$$

$$DL = 0.06041$$

$$BEC = 0.6493$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2044.60	0.0144	P	2.3
2	☐	50.000	50.849	7160.65	0.0508	P	4.9
3	☐	2500.000	2371.566	252864.16	1.7098	P	0.5
4	☐	6250.000	5880.189	594013.70	4.2180	P	1.4
5	☐	12500.000	11772.736	1179316.66	8.4305	P	1.4
6	☐	25000.000	25332.706	2521422.88	18.1242	A	2.6
7	☐	50000.000	50497.524	5112820.44	36.1139	A	1.0
8	☐	250000.00	249914.11	25622692.40	178.6721	A	0.6

$$y = 7.1488E-004 * x + 0.0144$$

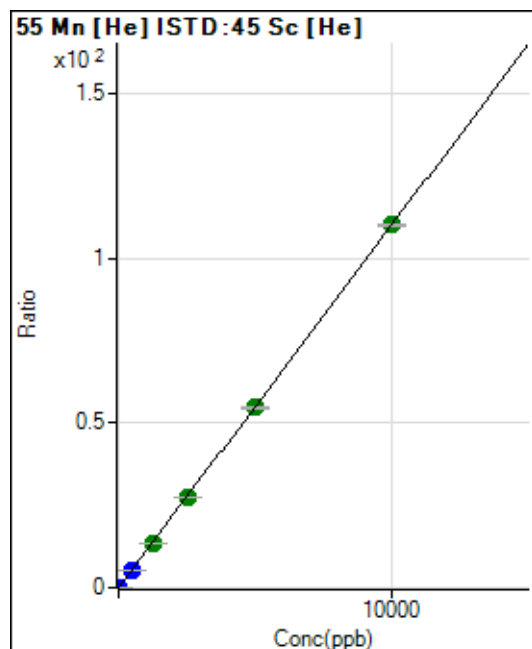
$$R = 1.0000$$

$$DL = 1.412$$

$$BEC = 20.15$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	537.79	0.0038	P	15.5
2	☐	1.000	0.923	1966.81	0.0139	P	3.2
3	☐	500.000	454.951	740650.79	5.0080	P	0.2
4	☐	1250.000	1236.645	1916184.49	13.6063	A	0.9
5	☐	2500.000	2497.651	3843955.36	27.4768	A	0.7
6	☐	5000.000	4982.639	7625631.28	54.8105	A	0.9
7	☐	10000.000	10013.190	15593629.49	110.1441	A	0.2
8	☐			7653.13	0.0534	P	2.4

$$y = 0.0110 * x + 0.0038$$

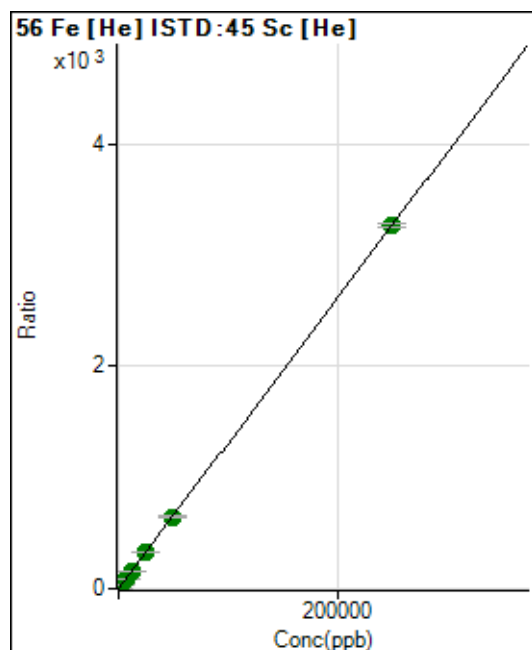
$$R = 1.0000$$

$$DL = 0.1601$$

$$BEC = 0.3442$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19505.35	0.1374	P	24.8
2	☐	50.000	46.838	105559.11	0.7480	P	1.3
3	☐	2500.000	2489.316	4820309.23	32.5921	A	1.8
4	☐	6250.000	6146.325	11304684.42	80.2706	A	0.8
5	☐	12500.000	12376.630	22592808.55	161.4988	A	1.0
6	☐	25000.000	24769.816	44949216.00	323.0761	A	1.0
7	☐	50000.000	49677.913	91717233.08	647.8176	A	1.1
8	☐	250000.00	250096.30	467610841.9	3,260.790	A	1.1

$$y = 0.0130 * x + 0.1374$$

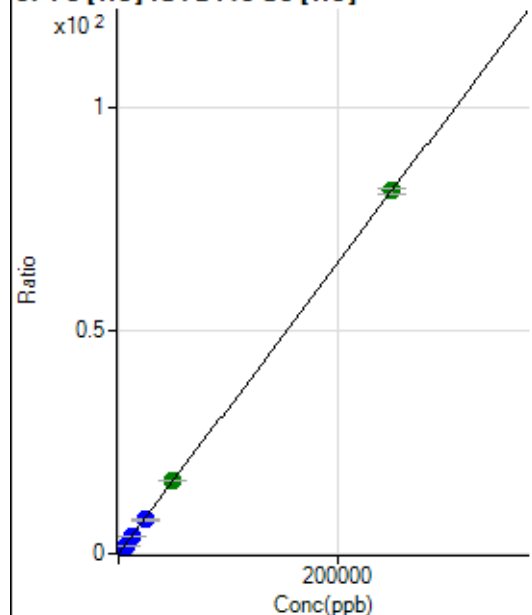
$$R = 1.0000$$

$$DL = 7.843$$

$$BEC = 10.54$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1727.90	0.0122	P	1.9
2	☐	50.000	49.473	3981.68	0.0282	P	3.3
3	☐	2500.000	2360.262	115042.70	0.7779	P	0.7
4	☐	6250.000	5832.231	268173.76	1.9042	P	1.2
5	☐	12500.000	11634.602	529718.23	3.7866	P	1.1
6	☐	25000.000	23194.010	1048574.71	7.5366	P	0.3
7	☐	50000.000	49861.743	2291773.59	16.1880	A	0.4
8	☐	250000.00	250263.36	11644623.99	81.2012	A	1.5

$$y = 3.2441\text{E-}004 * x + 0.0122$$

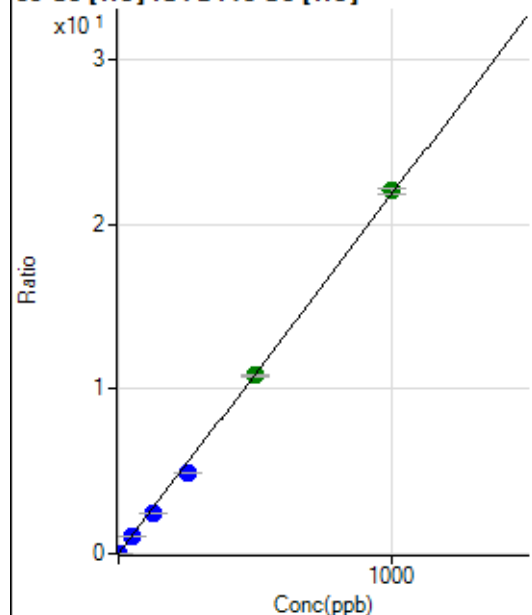
$$R = 1.0000$$

$$DL = 2.114$$

$$BEC = 37.51$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0005	P	35.2
2	☐	1.000	0.987	3108.13	0.0220	P	0.9
3	☐	50.000	45.597	147186.89	0.9952	P	0.4
4	☐	125.000	112.266	344985.49	2.4497	P	1.2
5	☐	250.000	226.101	690095.88	4.9331	P	1.1
6	☐	500.000	495.509	1504060.91	10.8105	A	0.3
7	☐	1000.000	1010.032	3119717.42	22.0352	A	1.5
8	☐			5235.41	0.0365	P	2.2

$$y = 0.0218 * x + 5.0088\text{E-}004$$

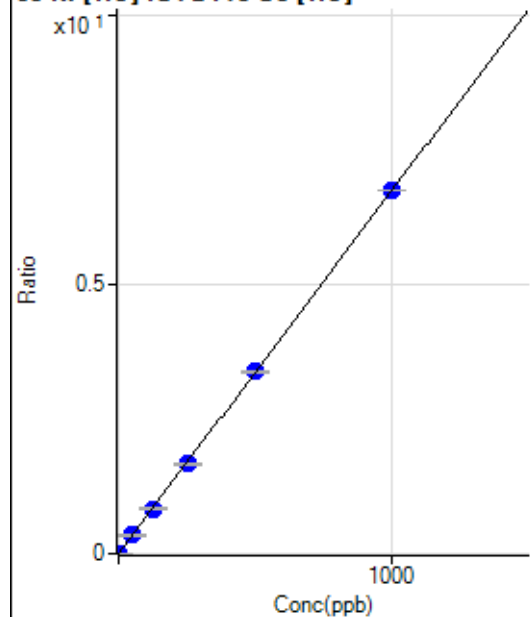
$$R = 0.9997$$

$$DL = 0.02424$$

$$BEC = 0.02296$$

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	393.47	0.0028	P	9.8
2	☐	1.000	1.064	1403.15	0.0099	P	7.7
3	☐	50.000	50.077	50314.45	0.3402	P	0.7
4	☐	125.000	123.846	117917.48	0.8373	P	1.3
5	☐	250.000	246.731	232975.84	1.6654	P	1.0
6	☐	500.000	500.996	470089.03	3.3788	P	0.2
7	☐	1000.000	1000.460	954830.83	6.7444	P	0.1
8	☐			2444.55	0.0170	P	2.7

$$y = 0.0067 * x + 0.0028$$

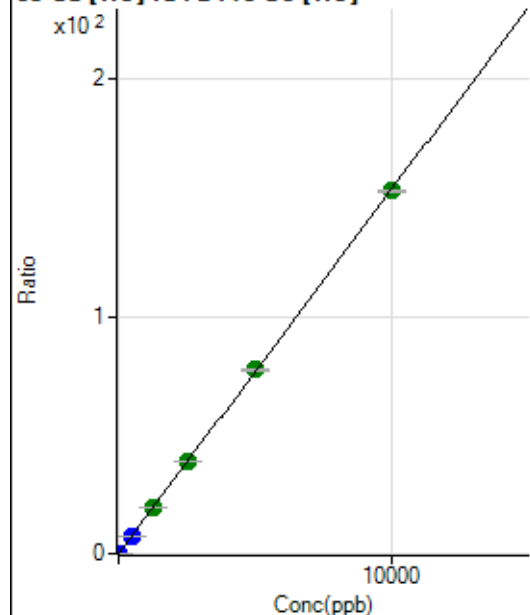
$$R = 1.0000$$

$$DL = 0.1208$$

$$BEC = 0.4114$$

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	733.36	0.0052	P	1.8
2	☐	2.000	1.949	4948.65	0.0351	P	4.7
3	☐	500.000	460.680	1046341.58	7.0750	P	0.4
4	☐	1250.000	1263.744	2732117.98	19.3992	A	0.5
5	☐	2500.000	2529.256	5430636.83	38.8204	A	1.2
6	☐	5000.000	5064.123	10813473.73	77.7218	A	0.9
7	☐	10000.000	9960.872	21642129.54	152.8698	A	0.6
8	☐			2922.53	0.0204	P	6.9

$$y = 0.0153 * x + 0.0052$$

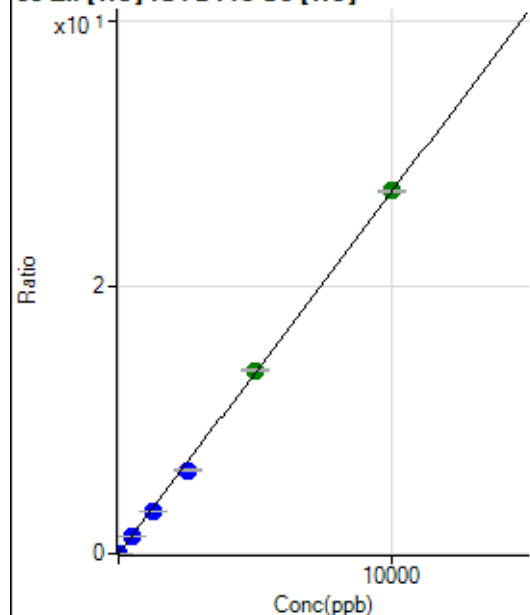
$$R = 0.9999$$

$$DL = 0.01824$$

$$BEC = 0.3366$$

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	382.23	0.0027	P	3.7
2	☐	5.000	4.692	2175.73	0.0154	P	7.8
3	☐	500.000	464.479	186781.74	1.2629	P	1.0
4	☐	1250.000	1155.015	441715.55	3.1365	P	1.1
5	☐	2500.000	2296.023	871807.86	6.2323	P	1.6
6	☐	5000.000	5062.838	1911549.78	13.7393	A	0.7
7	☐	10000.000	10033.225	3854321.05	27.2250	A	0.2
8	☐			1977.93	0.0138	P	2.4

$$y = 0.0027 * x + 0.0027$$

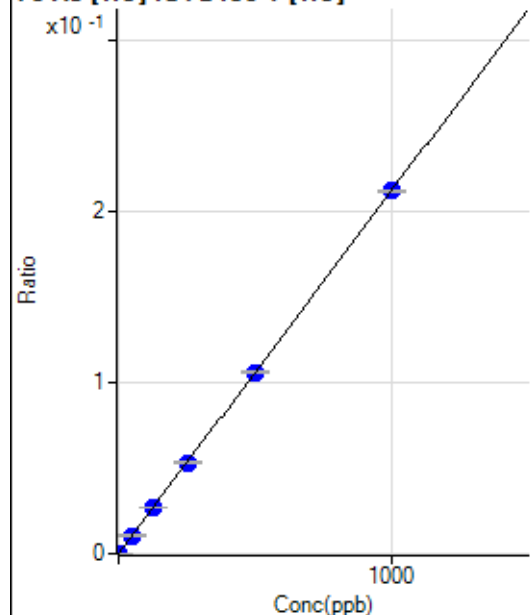
$$R = 0.9997$$

$$DL = 0.1107$$

$$BEC = 0.9923$$

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	4.44	0.0000	P	114.
2	☐	1.000	1.012	238.89	0.0002	P	16.3
3	☐	50.000	50.141	12221.79	0.0106	P	2.1
4	☐	125.000	125.329	29275.56	0.0265	P	1.2
5	☐	250.000	250.557	58538.11	0.0530	P	1.2
6	☐	500.000	500.222	116451.23	0.1059	P	0.6
7	☐	1000.000	999.702	237269.55	0.2116	P	0.6
8	☐			154.45	0.0001	P	17.5

$$y = 2.1165E-004 * x + 4.0708E-006$$

$$R = 1.0000$$

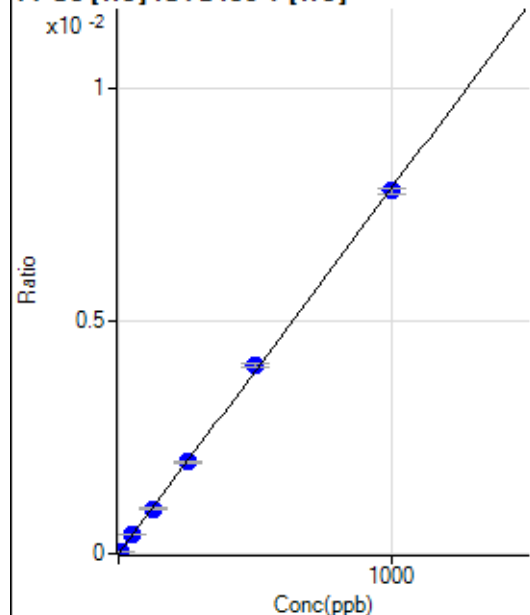
$$DL = 0.0663$$

$$BEC = 0.01923$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.050	43.33	0.0000	P	21.0
3	☐	50.000	52.937	477.79	0.0004	P	6.4
4	☐	125.000	122.298	1057.82	0.0010	P	5.4
5	☐	250.000	250.021	2163.52	0.0020	P	1.6
6	☐	500.000	514.711	4438.48	0.0040	P	2.6
7	☐	1000.000	992.830	8728.18	0.0078	P	1.7
8	☐			5.55	0.0000	P	69.4

$$y = 7.8402\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

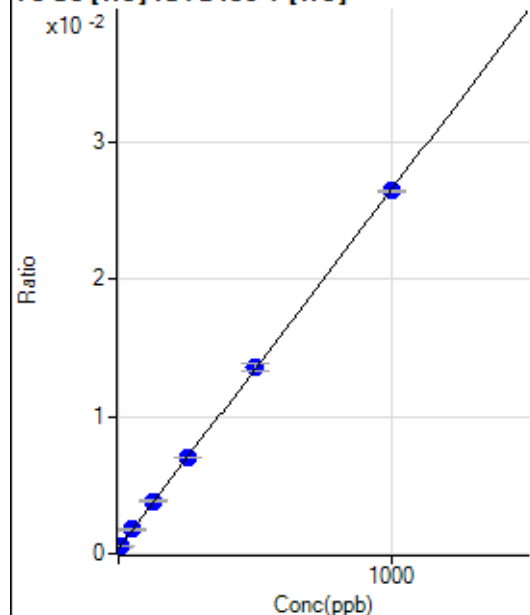
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	442.24	0.0004	P	11.9
2	☐	5.000	6.700	633.35	0.0006	P	1.8
3	☐	50.000	51.711	2016.83	0.0018	P	4.0
4	☐	125.000	129.537	4171.74	0.0038	P	3.9
5	☐	250.000	252.661	7717.64	0.0070	P	1.9
6	☐	500.000	504.144	14900.96	0.0135	P	3.8
7	☐	1000.000	996.602	29592.96	0.0264	P	0.7
8	☐			466.68	0.0004	P	10.9

$$y = 2.6076\text{E-}005 * x + 4.0341\text{E-}004$$

$$R = 1.0000$$

$$DL = 5.531$$

$$BEC = 15.47$$

Weight: <None>

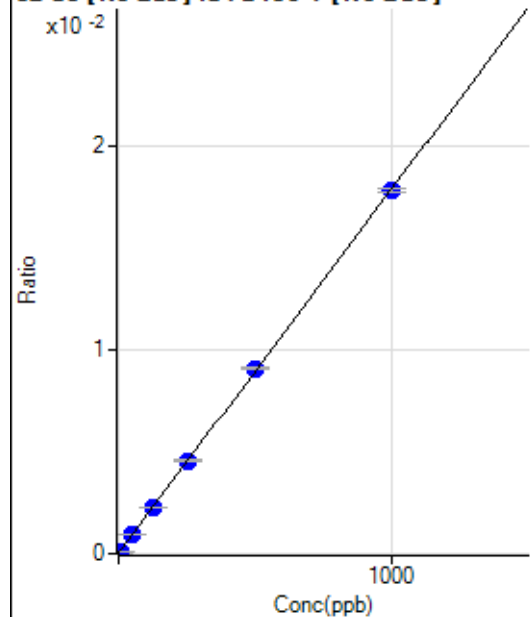
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21866.27		P	0.7
2	☐			21360.00		P	0.8
3	☐			21751.70		P	1.3
4	☐			21095.21		P	2.8
5	☐			20183.91		P	2.2
6	☐			19940.25		P	0.6
7	☐			20805.87		P	1.4
8	☐			21030.64		P	2.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	25.3
2	☐			117.78		P	28.6
3	☐			123.34		P	5.4
4	☐			94.44		P	8.9
5	☐			101.11		P	30.5
6	☐			112.22		P	19.1
7	☐			137.78		P	16.1
8	☐			225.56		P	18.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	160.66	0.0000	P	42.9
2	☐	5.000	5.274	608.17	0.0001	P	5.8
3	☐	50.000	50.953	4675.93	0.0009	P	1.2
4	☐	125.000	125.468	11017.44	0.0023	P	1.3
5	☐	250.000	252.832	21506.12	0.0046	P	1.8
6	☐	500.000	507.358	42488.39	0.0091	P	0.9
7	☐	1000.000	995.506	82828.97	0.0178	P	1.1
8	☐			232.80	0.0000	P	20.3

$$y = 1.7872E-005 * x + 3.2959E-005$$

R = 1.0000

DL = 2.372

BEC = 1.844

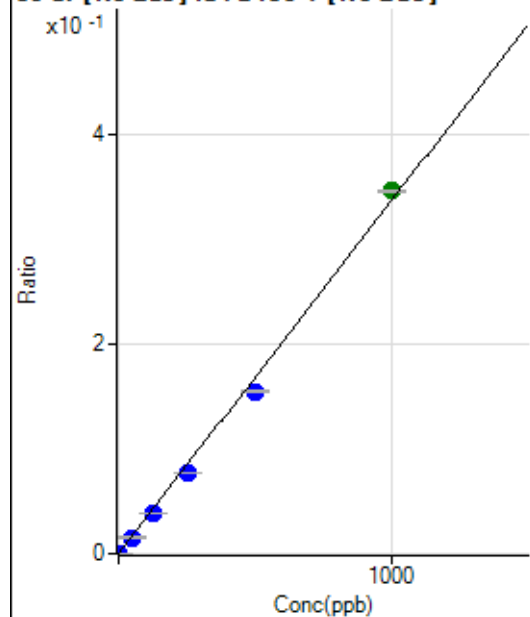
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			331.12		P	20.1
2	☐			328.90		P	8.6
3	☐			375.56		P	3.4
4	☐			351.12		P	8.2
5	☐			314.45		P	5.8
6	☐			280.00		P	16.7
7	☐			322.23		P	3.3
8	☐			398.90		P	8.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	580.02	0.0001	P	3.7
2	☐	1.000	0.964	2124.62	0.0004	P	3.4
3	☐	50.000	45.851	77232.07	0.0156	P	0.6
4	☐	125.000	113.225	185515.64	0.0383	P	0.6
5	☐	250.000	227.107	362538.05	0.0767	P	0.9
6	☐	500.000	459.176	723674.67	0.1550	P	1.5
7	☐	1000.000	1027.815	1611767.76	0.3468	A	0.7
8	☐			20403.11	0.0043	P	1.9

$$y = 3.3731\text{E-}004 * x + 1.1899\text{E-}004$$

$$R = 0.9985$$

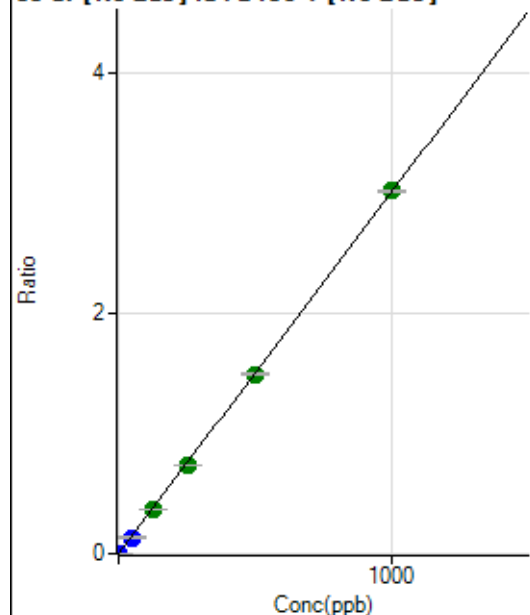
$$DL = 0.03925$$

$$BEC = 0.3528$$

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	132.22	0.0000	P	11.9
2	☐	1.000	0.930	13521.87	0.0028	P	0.2
3	☐	50.000	45.184	674185.82	0.1361	P	0.9
4	☐	125.000	122.748	1789449.19	0.3696	A	2.0
5	☐	250.000	246.037	3500103.70	0.7407	A	0.8
6	☐	500.000	495.918	6970348.02	1.4930	A	1.2
7	☐	1000.000	1003.554	14040104.37	3.0212	A	0.4
8	☐			175990.31	0.0374	P	1.5

$$y = 0.0030 * x + 2.7124\text{E-}005$$

$$R = 1.0000$$

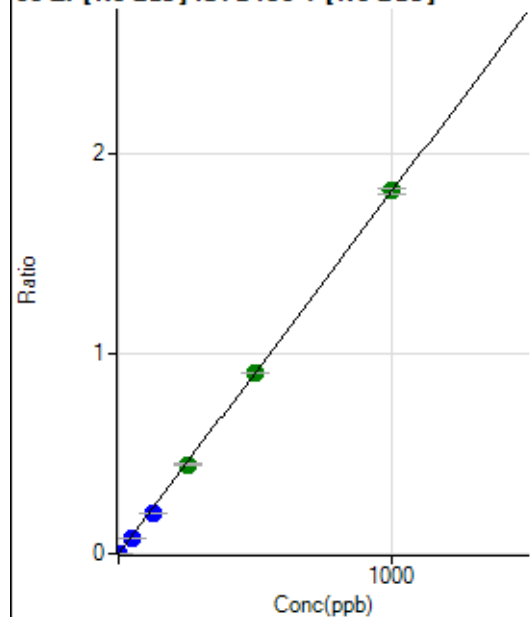
$$DL = 0.003215$$

$$BEC = 0.00901$$

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	208.89	0.0000	P	9.3
2	☐	1.000	0.908	8045.60	0.0017	P	3.2
3	☐	50.000	44.579	399081.88	0.0805	P	1.2
4	☐	125.000	110.095	962820.70	0.1988	P	1.2
5	☐	250.000	246.118	2100082.12	0.4444	A	1.6
6	☐	500.000	500.834	4222548.06	0.9044	A	0.3
7	☐	1000.000	1002.688	8413238.00	1.8105	A	1.4
8	☐			7083.99	0.0015	P	0.8

$$y = 0.0018 * x + 4.2857E-005$$

$$R = 0.9999$$

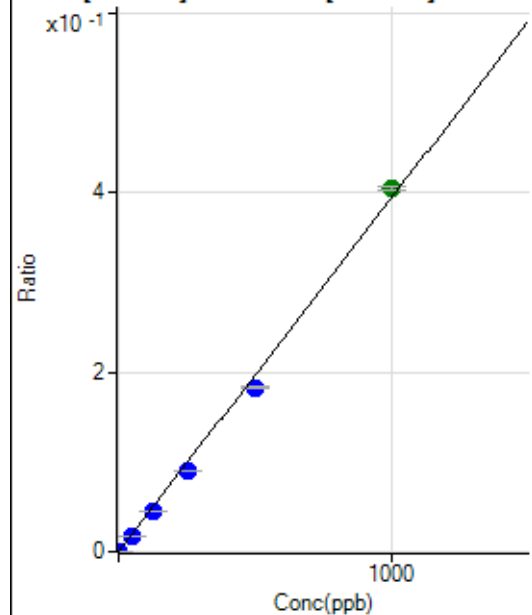
$$DL = 0.006616$$

$$BEC = 0.02373$$

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	35.56	0.0000	P	33.0
2	☐	1.000	0.949	1822.36	0.0004	P	3.5
3	☐	50.000	45.865	89510.71	0.0181	P	1.1
4	☐	125.000	113.190	215814.23	0.0446	P	0.7
5	☐	250.000	227.940	424031.12	0.0897	P	1.6
6	☐	500.000	463.415	851799.48	0.1824	P	1.0
7	☐	1000.000	1025.491	1876030.32	0.4037	A	1.1
8	☐			1527.88	0.0003	P	2.3

$$y = 3.9368E-004 * x + 7.2951E-006$$

$$R = 0.9988$$

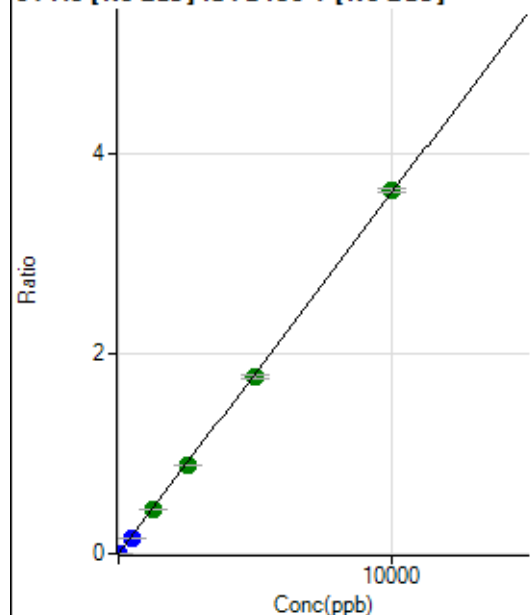
$$DL = 0.01832$$

$$BEC = 0.01853$$

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	192.23	0.0000	P	9.8
2	☐	5.000	5.435	9535.41	0.0020	P	1.7
3	☐	500.000	446.516	796030.34	0.1606	P	0.2
4	☐	1250.000	1222.062	2128410.18	0.4396	A	1.9
5	☐	2500.000	2455.921	4174095.74	0.8834	A	0.5
6	☐	5000.000	4906.224	8238586.61	1.7646	A	1.7
7	☐	10000.000	10064.074	16820776.97	3.6198	A	1.1
8	☐			4767.48	0.0010	P	3.0

$$y = 3.5967\text{E-}004 * x + 3.9438\text{E-}005$$

$$R = 0.9999$$

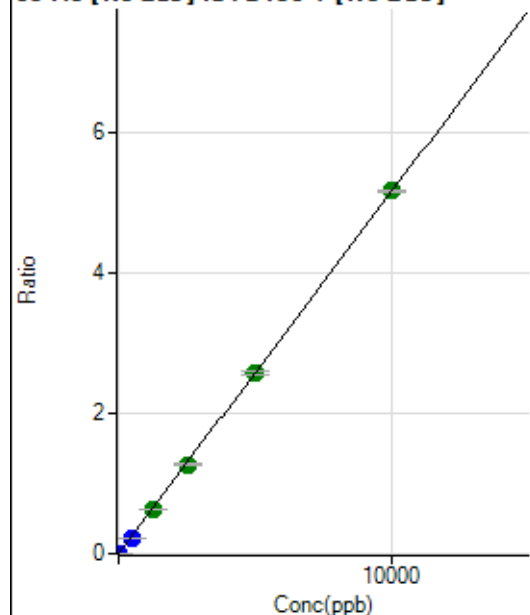
$$DL = 0.03214$$

$$BEC = 0.1097$$

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	158.89	0.0000	P	17.2
2	☐	5.000	4.601	11525.74	0.0024	P	0.9
3	☐	500.000	444.587	1138785.80	0.2298	P	0.8
4	☐	1250.000	1219.956	3053123.70	0.6305	A	1.3
5	☐	2500.000	2452.555	5989266.51	1.2676	A	1.9
6	☐	5000.000	4990.925	12043054.96	2.5795	A	1.4
7	☐	10000.000	10022.925	24073653.53	5.1802	A	0.7
8	☐			2872.53	0.0006	P	1.0

$$y = 5.1683\text{E-}004 * x + 3.2602\text{E-}005$$

$$R = 1.0000$$

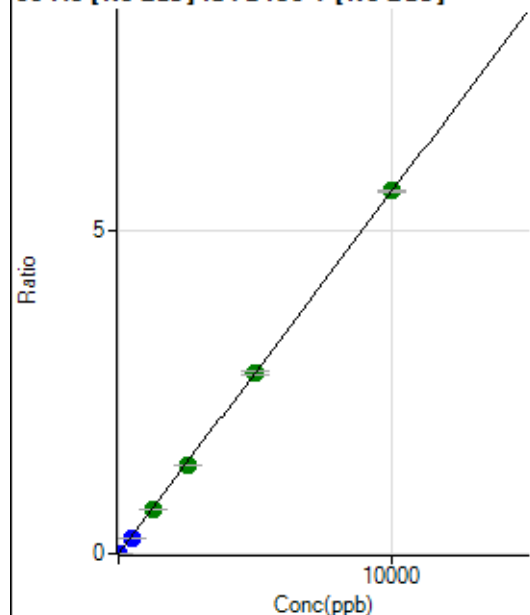
$$DL = 0.03246$$

$$BEC = 0.06308$$

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	230.00	0.0000	P	8.9
2	☐	5.000	4.783	13070.37	0.0027	P	1.2
3	☐	500.000	445.437	1239885.37	0.2502	P	0.6
4	☐	1250.000	1225.652	3333277.14	0.6884	A	1.1
5	☐	2500.000	2444.347	6486613.10	1.3728	A	1.8
6	☐	5000.000	4995.751	13099357.86	2.8057	A	1.2
7	☐	10000.000	10021.810	26157236.55	5.6284	A	0.7
8	☐			11828.20	0.0025	P	0.1

$$y = 5.6161\text{E-}004 * x + 4.7186\text{E-}005$$

$$R = 1.0000$$

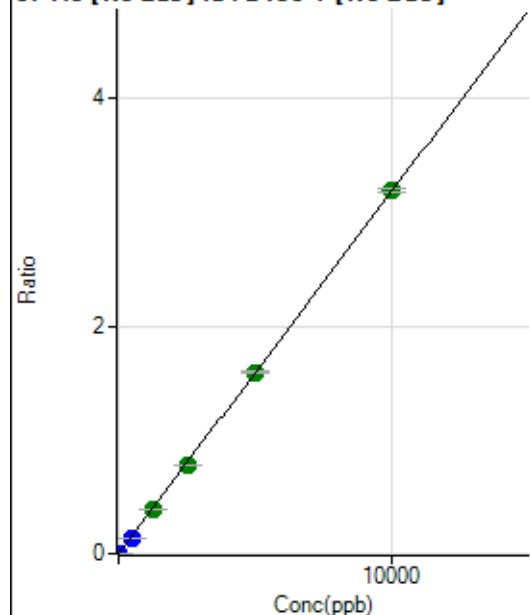
$$DL = 0.02254$$

$$BEC = 0.08402$$

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	98.89	0.0000	P	24.7
2	☐	5.000	4.652	7174.05	0.0015	P	1.8
3	☐	500.000	444.611	701090.22	0.1415	P	0.5
4	☐	1250.000	1235.169	1903039.99	0.3930	A	0.9
5	☐	2500.000	2447.552	3679641.44	0.7787	A	1.3
6	☐	5000.000	4993.762	7418595.86	1.5889	A	1.0
7	☐	10000.000	10020.854	14817147.28	3.1883	A	0.9
8	☐			1923.48	0.0004	P	7.9

$$y = 3.1816\text{E-}004 * x + 2.0282\text{E-}005$$

$$R = 1.0000$$

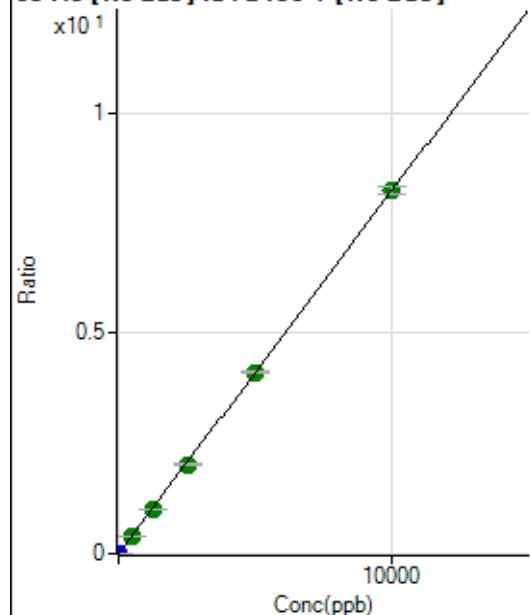
$$DL = 0.04725$$

$$BEC = 0.06375$$

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	274.45	0.0001	P	14.2
2	☐	5.000	4.693	18708.74	0.0039	P	2.4
3	☐	500.000	495.672	2018695.90	0.4074	A	1.5
4	☐	1250.000	1220.928	4858640.79	1.0034	A	1.0
5	☐	2500.000	2460.840	9555423.12	2.0223	A	2.1
6	☐	5000.000	5012.375	19232271.66	4.1192	A	0.5
7	☐	10000.000	10007.453	38213953.60	8.2240	A	2.3
8	☐			4557.43	0.0010	P	5.2

$$y = 8.2179\text{E-}004 * x + 5.6307\text{E-}005$$

$$R = 1.0000$$

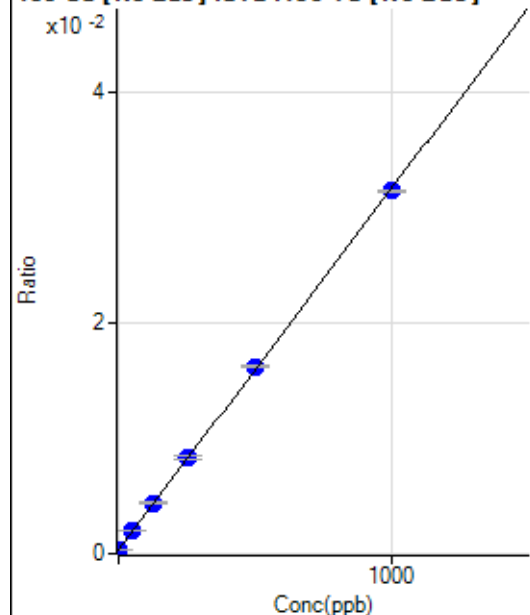
$$DL = 0.02922$$

$$BEC = 0.06852$$

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	1124.50	0.0003	P	8.2
2	☐	1.000	1.273	1271.18	0.0003	P	7.5
3	☐	50.000	53.187	7450.86	0.0020	P	1.3
4	☐	125.000	129.766	16220.27	0.0044	P	3.2
5	☐	250.000	255.048	30475.35	0.0083	P	3.8
6	☐	500.000	508.604	60070.12	0.0162	P	1.2
7	☐	1000.000	993.680	116447.69	0.0314	P	0.3
8	☐			1178.95	0.0003	P	4.7

$$y = 3.1289\text{E-}005 * x + 3.0891\text{E-}004$$

$$R = 0.9999$$

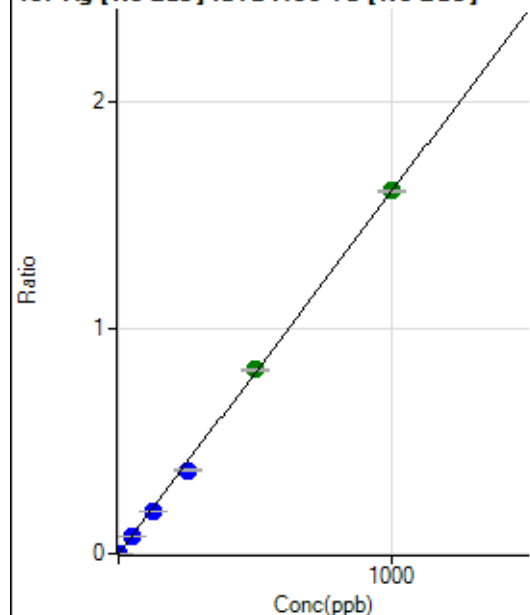
$$DL = 2.42$$

$$BEC = 9.873$$

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	46.67	0.0000	P	37.3
2	☐	1.000	1.004	5920.15	0.0016	P	1.5
3	☐	50.000	47.412	287202.82	0.0761	P	0.9
4	☐	125.000	116.443	693334.33	0.1868	P	0.5
5	☐	250.000	230.792	1361137.78	0.3702	P	1.7
6	☐	500.000	508.116	3017818.39	0.8149	A	0.5
7	☐	1000.000	1001.943	5959246.92	1.6069	A	0.8
8	☐			561.13	0.0002	P	13.7

$$y = 0.0016 * x + 1.2823E-005$$

$$R = 0.9997$$

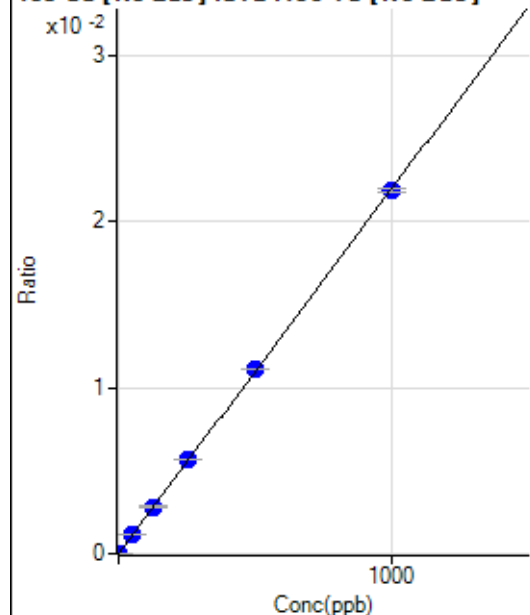
$$DL = 0.008945$$

$$BEC = 0.007995$$

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	3.33	0.0000	P	99.4
2	☐	1.000	1.238	102.22	0.0000	P	16.5
3	☐	50.000	52.172	4321.80	0.0011	P	2.1
4	☐	125.000	128.848	10488.31	0.0028	P	0.7
5	☐	250.000	258.707	20857.33	0.0057	P	1.2
6	☐	500.000	504.245	40935.47	0.0111	P	0.1
7	☐	1000.000	995.111	80898.37	0.0218	P	1.1
8	☐			33.34	0.0000	P	45.6

$$y = 2.1921E-005 * x + 9.1332E-007$$

$$R = 0.9999$$

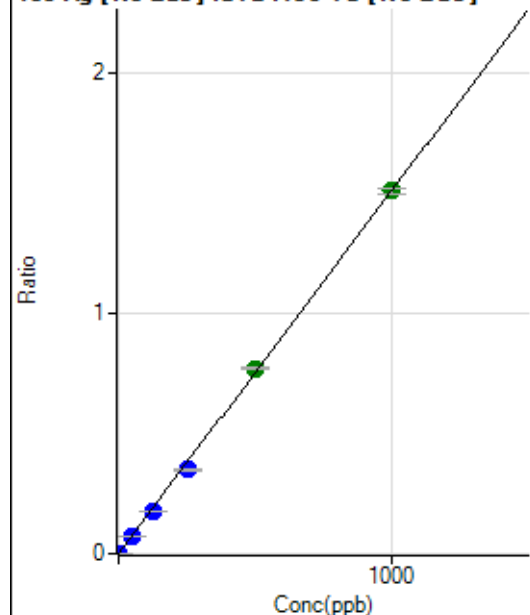
$$DL = 0.1242$$

$$BEC = 0.04167$$

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	52.22	0.0000	P	20.9
2	☐	1.000	0.992	5502.21	0.0015	P	1.3
3	☐	50.000	47.557	270506.31	0.0716	P	0.6
4	☐	125.000	116.340	650425.01	0.1752	P	0.4
5	☐	250.000	230.913	1278732.43	0.3477	P	1.6
6	☐	500.000	511.138	2850096.45	0.7697	A	1.8
7	☐	1000.000	1000.407	5587162.97	1.5065	A	1.4
8	☐			532.24	0.0001	P	12.1

$$y = 0.0015 * x + 1.4348E-005$$

$$R = 0.9997$$

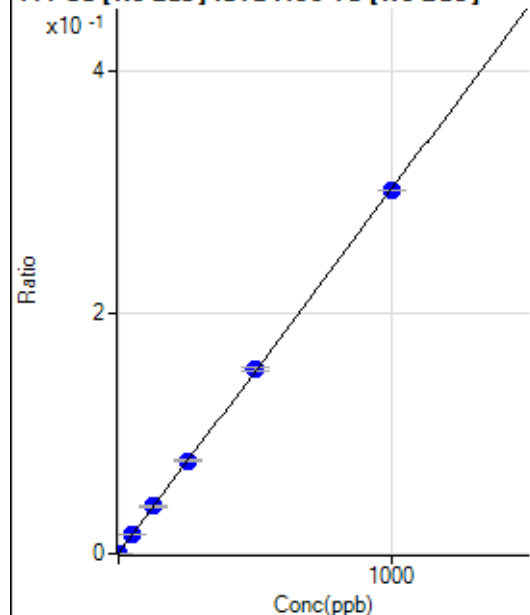
$$DL = 0.005985$$

$$BEC = 0.009528$$

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	788.15	0.0002	P	8.5
2	☐	1.000	1.143	2048.33	0.0006	P	4.8
3	☐	50.000	52.696	60910.05	0.0161	P	0.7
4	☐	125.000	129.314	145764.20	0.0393	P	1.2
5	☐	250.000	254.302	283160.29	0.0770	P	1.9
6	☐	500.000	506.281	566897.63	0.1531	P	1.2
7	☐	1000.000	995.110	1115172.54	0.3007	P	0.1
8	☐			995.26	0.0003	P	4.2

$$y = 3.0196E-004 * x + 2.1652E-004$$

$$R = 1.0000$$

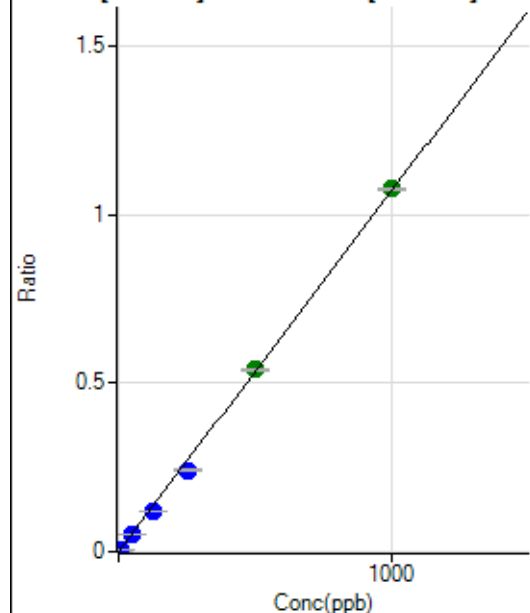
$$DL = 0.1822$$

$$BEC = 0.717$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	754.47	0.0002	P	4.5
2	☐	5.000	4.661	18955.90	0.0052	P	2.5
3	☐	50.000	45.799	185977.96	0.0492	P	0.8
4	☐	125.000	112.933	449668.90	0.1211	P	1.4
5	☐	250.000	225.102	887051.09	0.2412	P	2.0
6	☐	500.000	504.412	2000768.48	0.5403	A	0.6
7	☐	1000.000	1005.739	3994441.92	1.0771	A	0.3
8	☐			1345.63	0.0004	P	7.5

$$y = 0.0011 * x + 2.0722E-004$$

$$R = 0.9996$$

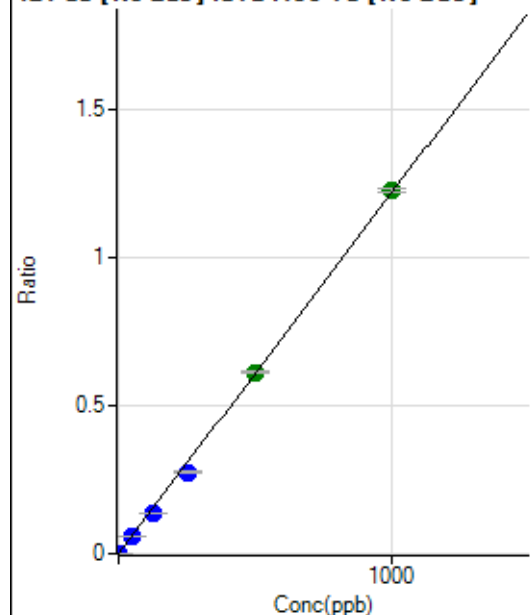
$$DL = 0.02616$$

$$BEC = 0.1935$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0000	P	7.0
2	☐	2.000	1.861	8293.57	0.0023	P	3.9
3	☐	50.000	45.653	209973.29	0.0556	P	1.4
4	☐	125.000	112.179	507170.94	0.1366	P	0.4
5	☐	250.000	225.409	1009407.62	0.2745	P	1.8
6	☐	500.000	503.742	2271761.11	0.6135	A	1.5
7	☐	1000.000	1006.097	4543774.65	1.2252	A	0.9
8	☐			3191.50	0.0009	P	4.4

$$y = 0.0012 * x + 7.9339E-006$$

$$R = 0.9996$$

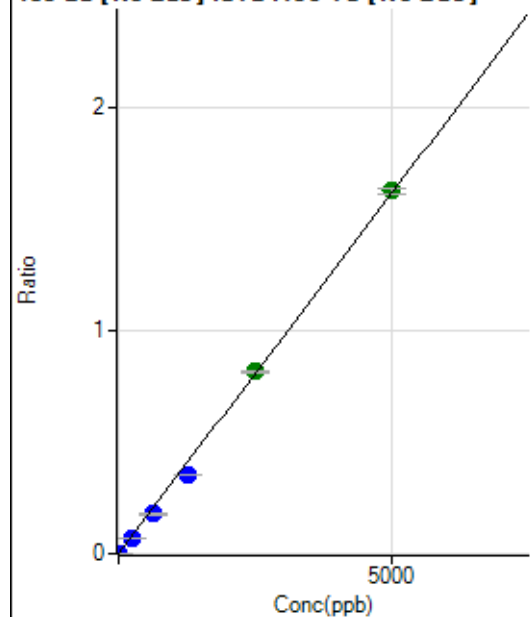
$$DL = 0.00136$$

$$BEC = 0.006515$$

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	20.00	0.0000	P	34.2
2	☐	10.000	9.044	10647.40	0.0029	P	2.2
3	☐	250.000	222.134	270324.40	0.0716	P	1.0
4	☐	625.000	549.122	656900.86	0.1769	P	0.9
5	☐	1250.000	1096.400	1299138.96	0.3533	P	1.7
6	☐	2500.000	2523.552	3011001.14	0.8132	A	2.0
7	☐	5000.000	5037.504	6020043.31	1.6232	A	1.3
8	☐			2761.40	0.0007	P	2.1

$$y = 3.2223\text{E-}004 * x + 5.5007\text{E-}006$$

$$R = 0.9994$$

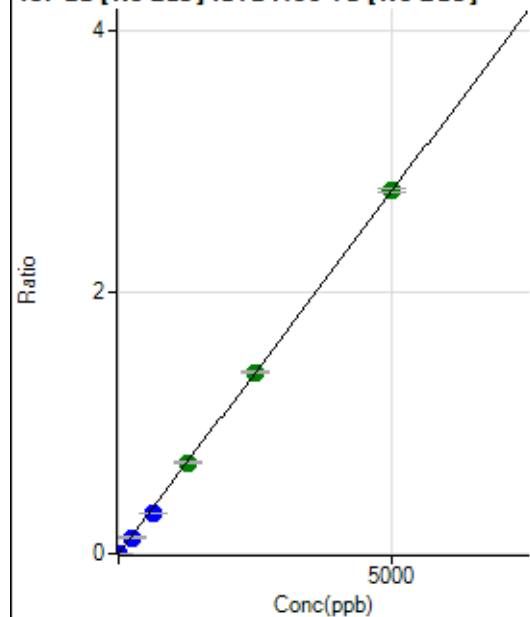
$$DL = 0.0175$$

$$BEC = 0.01707$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0000	P	7.6
2	☐	10.000	9.092	18427.57	0.0051	P	1.8
3	☐	250.000	224.539	469766.82	0.1244	P	1.9
4	☐	625.000	553.099	1137575.77	0.3064	P	0.9
5	☐	1250.000	1253.087	2553084.65	0.6942	A	1.6
6	☐	2500.000	2502.544	5134279.72	1.3864	A	1.4
7	☐	5000.000	5008.219	10289551.58	2.7745	A	1.0
8	☐			4871.99	0.0013	P	2.0

$$y = 5.5399\text{E-}004 * x + 1.6178\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.00665$$

$$BEC = 0.0292$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			6.67		P	86.6
3	☐			17.78		P	75.8
4	☐			42.22		P	4.6
5	☐			80.00		P	22.0
6	☐			133.34		P	17.3
7	☐			268.89		P	1.4
8	☐			112.23		P	14.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			1.11		P	173.
3	☐			5.56		P	34.7
4	☐			4.44		P	114.
5	☐			15.56		P	12.4
6	☐			36.67		P	41.7
7	☐			58.89		P	25.5
8	☐			63.33		P	5.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			4.44		P	173.
3	☐			11.11		P	17.3
4	☐			11.11		P	45.8
5	☐			40.00		P	14.4
6	☐			58.89		P	14.2
7	☐			132.22		P	8.1
8	☐			212.23		P	13.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			15.56		P	12.4
4	☐			42.22		P	12.1
5	☐			85.56		P	6.0
6	☐			174.45		P	10.9
7	☐			337.79		P	4.0
8	☐			192.23		P	12.3

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

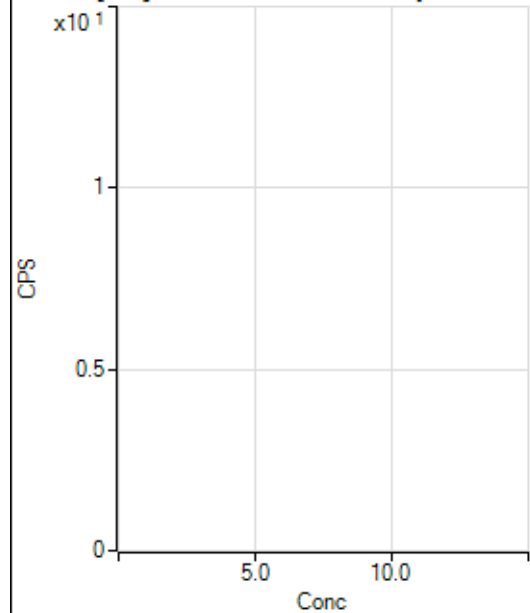
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	39.0
2	☐			16.67		P	34.6
3	☐			14.44		P	70.5
4	☐			28.89		P	37.1
5	☐			45.56		P	22.4
6	☐			52.22		P	35.2
7	☐			81.11		P	13.2
8	☐			241.12		P	15.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			175.56		P	12.6
2	☐			176.67		P	14.7
3	☐			148.89		P	26.2
4	☐			150.00		P	24.4
5	☐			191.11		P	7.9
6	☐			193.33		P	7.9
7	☐			202.22		P	7.8
8	☐			342.23		P	4.1

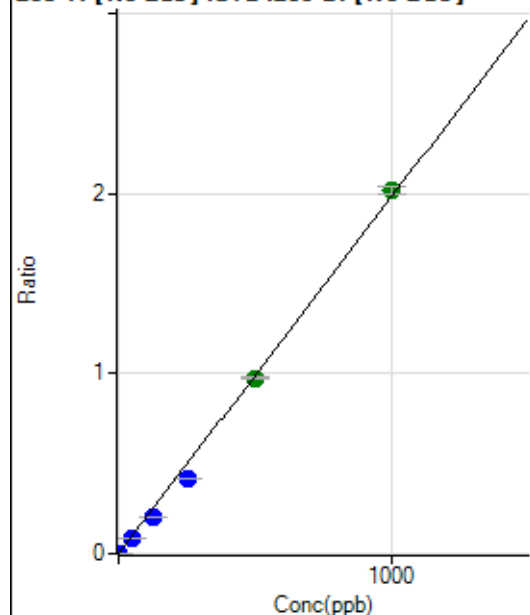
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	31.2
2	☐			23.33		P	37.8
3	☐			27.78		P	38.6
4	☐			44.44		P	49.9
5	☐			47.78		P	26.4
6	☐			84.44		P	13.9
7	☐			120.00		P	17.3
8	☐			491.13		P	9.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐			23.33		P	14.3
3	☐			23.33		P	14.3
4	☐			26.67		P	25.0
5	☐			44.44		P	28.4
6	☐			66.67		P	25.0
7	☐			94.44		P	12.4
8	☐			365.57		P	13.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0000	P	9.3
2	☐	1.000	0.856	3557.18	0.0017	P	4.9
3	☐	50.000	42.031	178348.18	0.0834	P	1.5
4	☐	125.000	103.585	437366.86	0.2055	P	1.1
5	☐	250.000	210.008	871657.20	0.4166	P	0.7
6	☐	500.000	492.894	2077874.34	0.9778	A	1.0
7	☐	1000.000	1016.626	4163787.82	2.0168	A	2.0
8	☐			491.12	0.0003	P	1.0

$$y = 0.0020 * x + 3.3834E-005$$

$$R = 0.9990$$

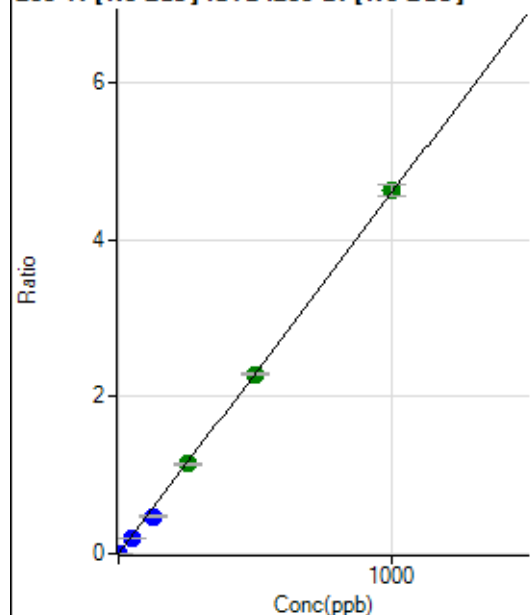
$$DL = 0.004745$$

$$BEC = 0.01706$$

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	157.78	0.0001	P	13.5
2	☐	1.000	0.859	8273.70	0.0040	P	3.2
3	☐	50.000	42.252	415581.41	0.1944	P	1.5
4	☐	125.000	103.672	1014634.40	0.4768	P	1.8
5	☐	250.000	248.420	2389814.03	1.1424	A	1.2
6	☐	500.000	496.209	4848770.38	2.2818	A	1.0
7	☐	1000.000	1005.344	9543186.32	4.6229	A	3.3
8	☐			1094.50	0.0006	P	2.7

$$y = 0.0046 * x + 7.7491E-005$$

$$R = 0.9998$$

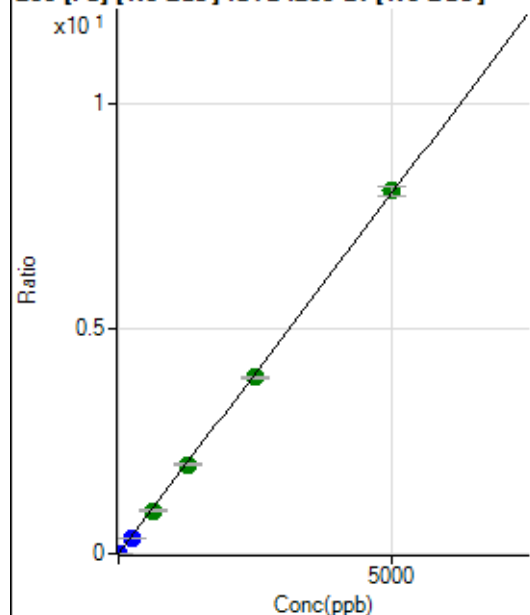
$$DL = 0.006835$$

$$BEC = 0.01685$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.79	0.0002	P	8.6
2	☐	1.000	0.841	3153.73	0.0015	P	3.3
3	☐	250.000	212.385	728701.61	0.3408	P	0.7
4	☐	625.000	599.974	2048043.61	0.9623	A	1.3
5	☐	1250.000	1232.774	4136307.40	1.9771	A	1.4
6	☐	2500.000	2448.701	8344960.29	3.9271	A	0.7
7	☐	5000.000	5034.965	16669456.42	8.0746	A	2.8
8	☐			3321.55	0.0017	P	2.2

$$y = 0.0016 * x + 1.8566E-004$$

$$R = 0.9999$$

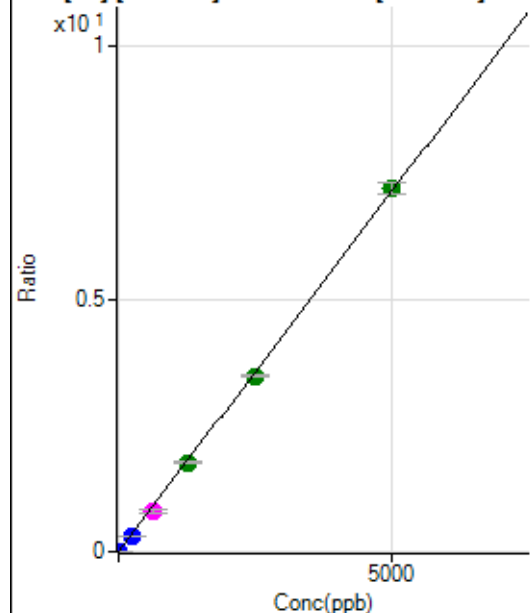
$$DL = 0.02986$$

$$BEC = 0.1158$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	310.01	0.0002	P	7.9
2	☐	1.000	0.842	2775.87	0.0014	P	2.4
3	☐	250.000	207.940	633501.72	0.2963	P	1.1
4	☐	625.000	567.500	1721201.28	0.8083	M	8.2
5	☐	1250.000	1234.520	3678104.98	1.7582	A	1.6
6	☐	2500.000	2442.371	7391441.77	3.4783	A	0.4
7	☐	5000.000	5041.975	14822473.95	7.1804	A	3.1
8	☐			2873.67	0.0015	P	4.2

$$y = 0.0014 * x + 1.5236E-004$$

$$R = 0.9998$$

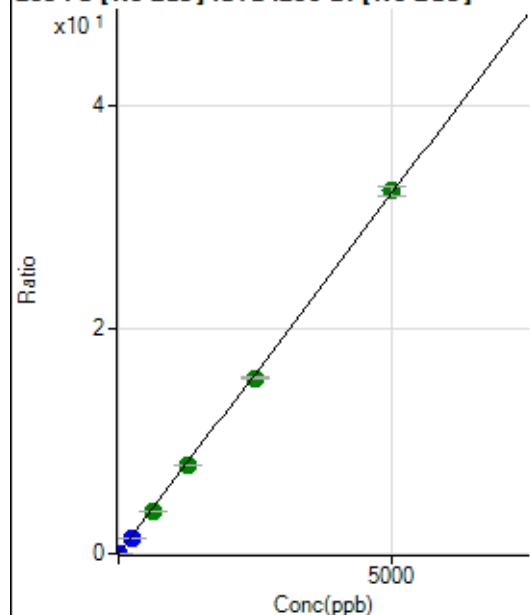
$$DL = 0.02549$$

$$BEC = 0.107$$

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	1408.93	0.0007	P	2.5
2	☐	1.000	0.860	12768.04	0.0062	P	0.7
3	☐	250.000	211.124	2900701.47	1.3566	P	1.2
4	☐	625.000	589.650	8061969.13	3.7876	A	1.9
5	☐	1250.000	1235.625	16603110.93	7.9363	A	0.8
6	☐	2500.000	2442.708	33337988.32	15.6887	A	0.8
7	☐	5000.000	5038.602	66802519.84	32.3605	A	2.9
8	☐			13143.73	0.0068	P	1.7

$$y = 0.0064 * x + 6.9232E-004$$

$$R = 0.9999$$

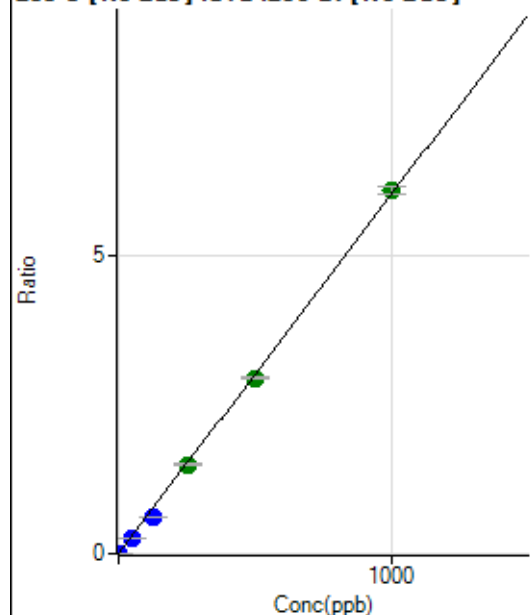
$$DL = 0.008043$$

$$BEC = 0.1078$$

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	28.89	0.0000	P	64.0
2	☐	1.000	0.878	10917.90	0.0053	P	1.8
3	☐	50.000	40.986	528775.32	0.2473	P	0.9
4	☐	125.000	101.251	1299874.52	0.6109	P	2.0
5	☐	250.000	246.913	3116175.61	1.4897	A	1.6
6	☐	500.000	489.315	6273236.02	2.9521	A	0.3
7	☐	1000.000	1009.534	12574425.79	6.0906	A	2.1
8	☐			348.90	0.0002	P	5.5

$$y = 0.0060 * x + 1.4226E-005$$

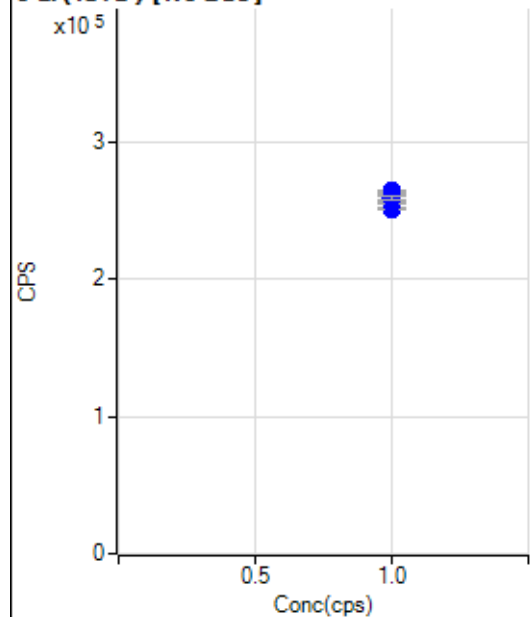
$$R = 0.9997$$

$$DL = 0.00453$$

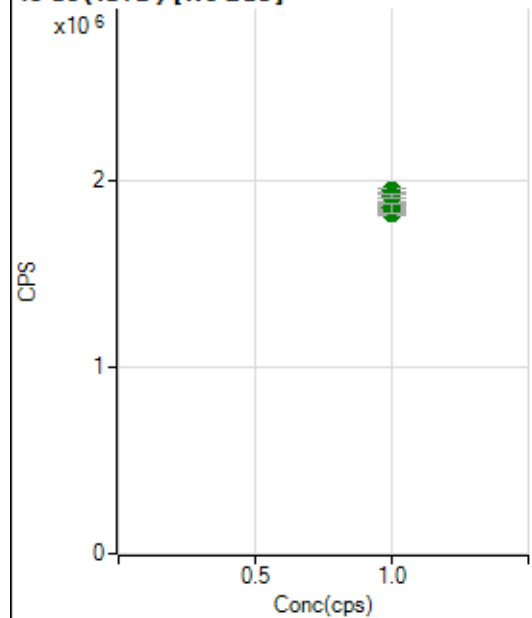
$$BEC = 0.002358$$

Weight: <None>

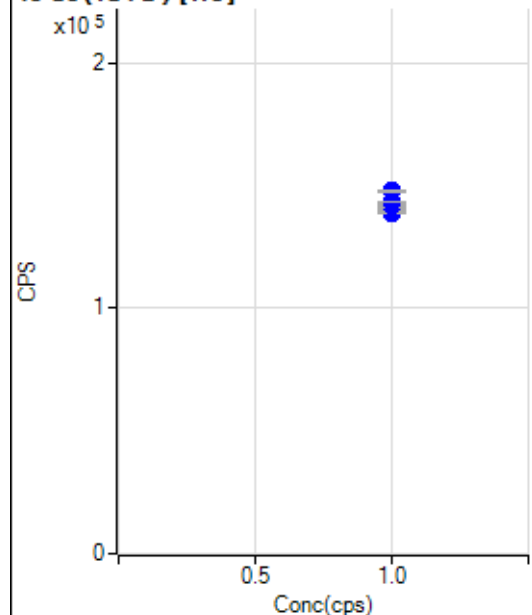
Min Conc: 0

6 Li (ISTD) [No Gas]

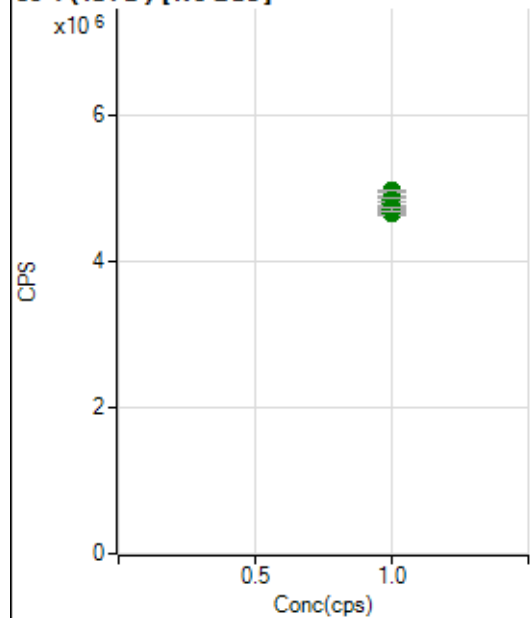
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		250725.10		P	0.5
2	☐	1.000		251085.57		P	0.5
3	☐	1.000		264240.99		P	0.7
4	☐	1.000		263944.90		P	0.4
5	☐	1.000		262430.21		P	1.4
6	☐	1.000		262120.46		P	0.1
7	☐	1.000		255476.49		P	0.9
8	☐	1.000		259391.36		P	1.0

45 Sc (ISTD) [No Gas]

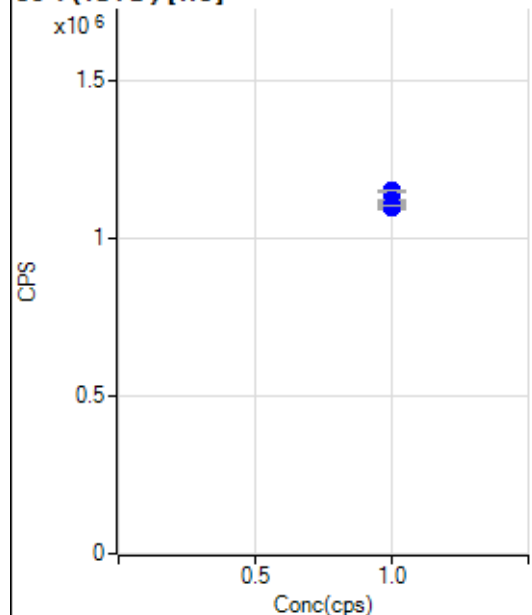
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1884803.58		A	0.7
2	☐	1.000		1876189.63		A	1.3
3	☐	1.000		1945124.50		A	1.2
4	☐	1.000		1915284.02		A	1.3
5	☐	1.000		1852192.98		A	1.4
6	☐	1.000		1852585.37		A	0.8
7	☐	1.000		1825696.90		A	1.0
8	☐	1.000		1851817.01		A	2.7

45 Sc (ISTD) [He]

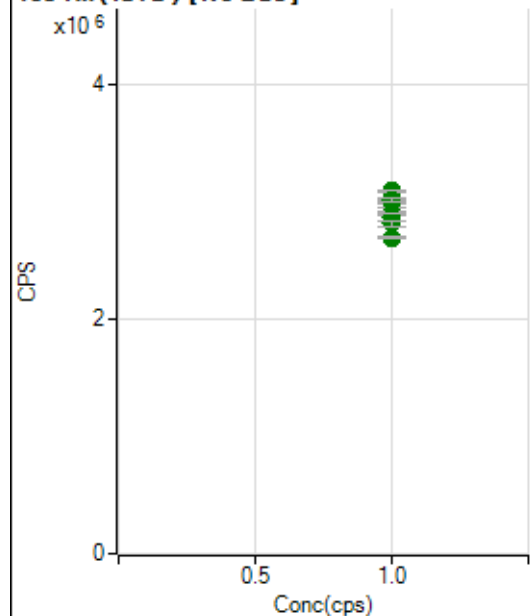
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		141980.97		P	0.5
2	☐	1.000		141121.01		P	0.7
3	☐	1.000		147891.99		P	0.5
4	☐	1.000		140834.76		P	0.6
5	☐	1.000		139905.41		P	1.4
6	☐	1.000		139131.73		P	0.5
7	☐	1.000		141573.73		P	0.6
8	☐	1.000		143406.25		P	0.3

89 Y (ISTD) [No Gas]

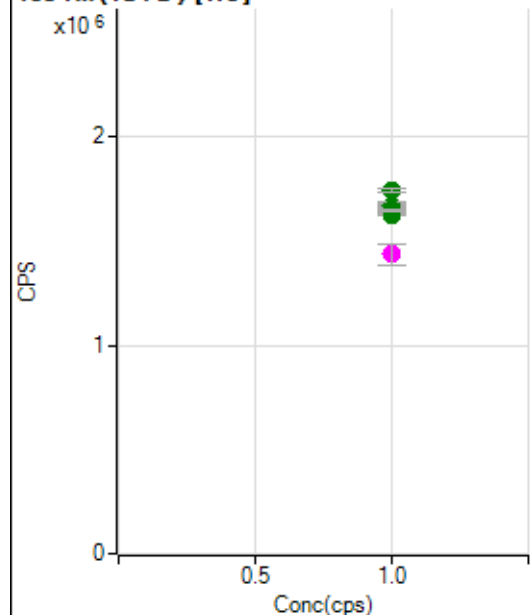
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4874830.48		A	0.2
2	☐	1.000		4782044.93		A	0.7
3	☐	1.000		4955525.34		A	0.8
4	☐	1.000		4842552.50		A	1.2
5	☐	1.000		4725433.51		A	0.9
6	☐	1.000		4669034.06		A	0.6
7	☐	1.000		4647173.02		A	1.0
8	☐	1.000		4706267.85		A	0.9

89 Y(ISTD) [He]

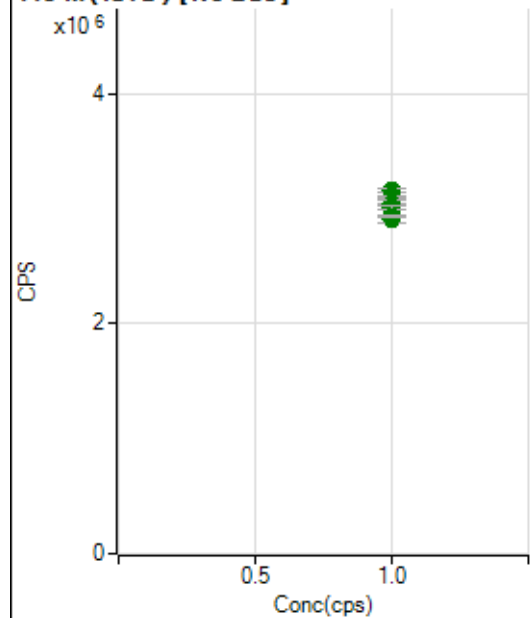
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1096193.26		P	0.6
2	☐	1.000		1095576.25		P	1.0
3	☐	1.000		1151287.43		P	0.6
4	☐	1.000		1103460.17		P	0.7
5	☐	1.000		1103731.15		P	0.8
6	☐	1.000		1099872.39		P	0.6
7	☐	1.000		1121351.76		P	0.6
8	☐	1.000		1104667.65		P	0.1

103 Rh(ISTD) [No Gas]

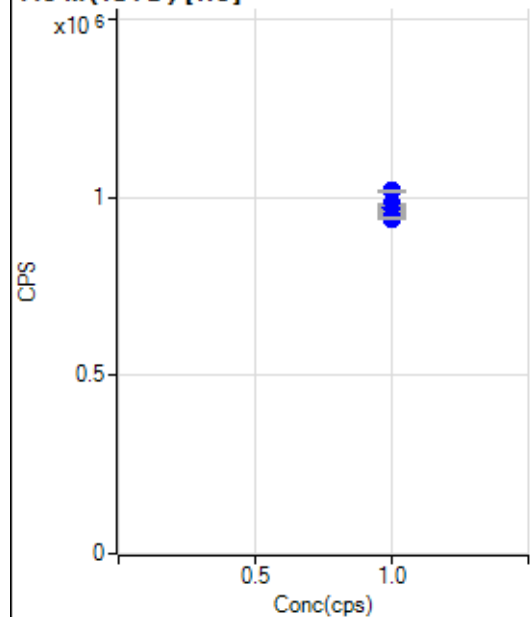
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2982790.34		A	1.9
2	☐	1.000		3007066.76		A	1.0
3	☐	1.000		3097242.21		A	0.7
4	☐	1.000		3017201.87		A	1.0
5	☐	1.000		2901001.42		A	1.3
6	☐	1.000		2875619.65		A	2.2
7	☐	1.000		2817609.99		A	1.4
8	☐	1.000		2700035.13		A	1.0

103 Rh (ISTD) [He]

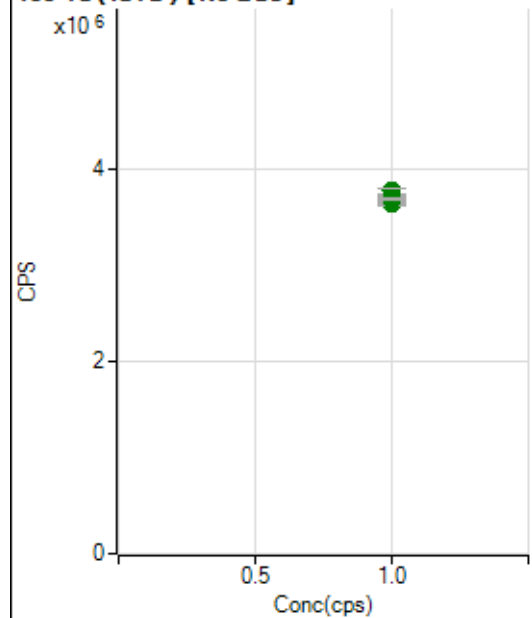
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1672051.94		A	0.2
2	☐	1.000		1629267.13		A	0.9
3	☐	1.000		1741866.35		A	1.1
4	☐	1.000		1666321.82		A	2.0
5	☐	1.000		1675680.91		A	1.2
6	☐	1.000		1639556.29		A	0.8
7	☐	1.000		1650607.89		A	0.5
8	☐	1.000		1436358.02		M	7.4

115 In (ISTD) [No Gas]

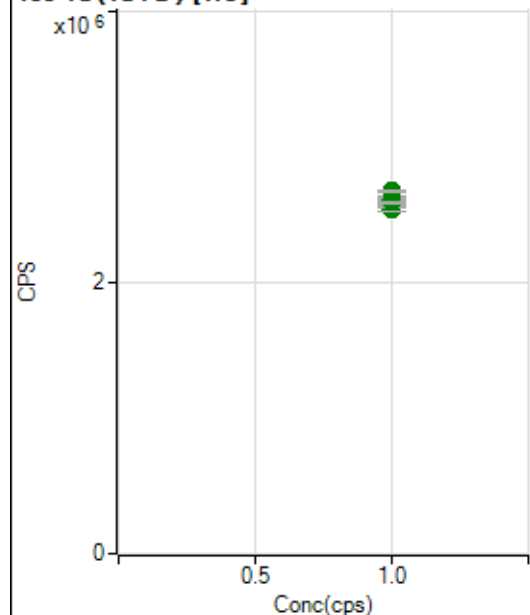
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3089791.94		A	0.7
2	☐	1.000		3070501.54		A	1.6
3	☐	1.000		3155073.71		A	1.0
4	☐	1.000		3104630.73		A	0.8
5	☐	1.000		3050507.54		A	1.8
6	☐	1.000		3011078.59		A	0.7
7	☐	1.000		2908467.64		A	2.1
8	☐	1.000		2930482.99		A	0.4

115 In (ISTD) [He]

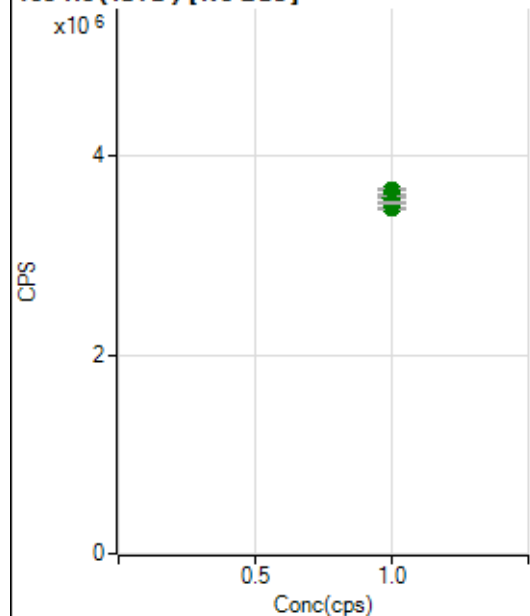
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		977177.20		P	0.8
2	☐	1.000		971630.23		P	0.2
3	☐	1.000		1018793.49		P	0.3
4	☐	1.000		981068.21		P	0.2
5	☐	1.000		971507.53		P	0.9
6	☐	1.000		959984.16		P	0.6
7	☐	1.000		946421.24		P	0.9
8	☐	1.000		941147.39		P	0.4

159 Tb (ISTD) [No Gas]

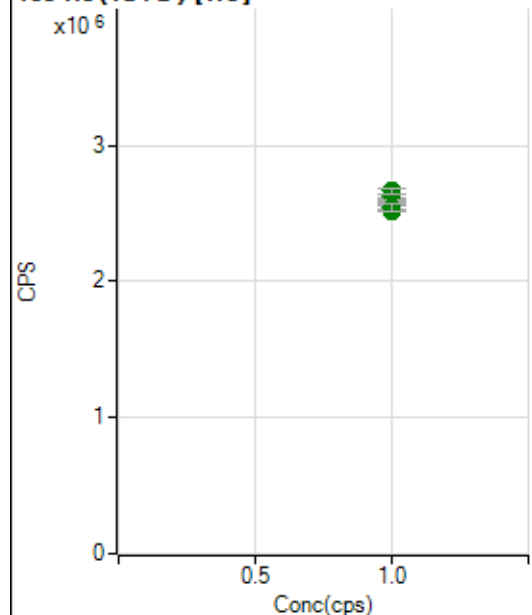
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3641986.82		A	1.1
2	☐	1.000		3647275.75		A	1.3
3	☐	1.000		3776680.53		A	1.5
4	☐	1.000		3712294.25		A	0.4
5	☐	1.000		3677757.03		A	1.5
6	☐	1.000		3703162.34		A	0.9
7	☐	1.000		3708551.33		A	0.5
8	☐	1.000		3689968.38		A	0.6

159 Tb (ISTD) [He]

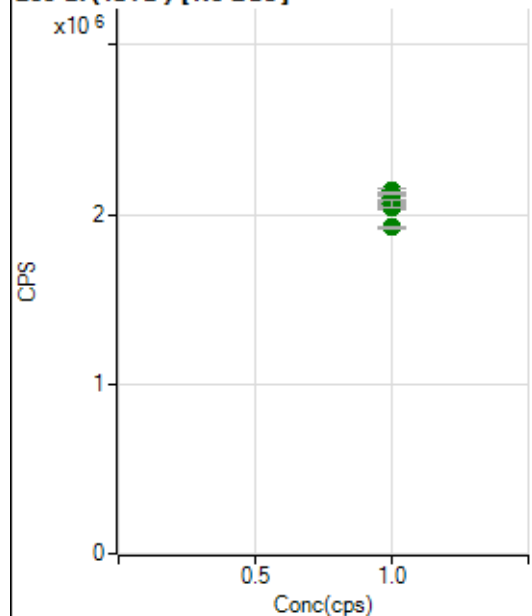
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2580116.21		A	1.4
2	☐	1.000		2537292.93		A	1.0
3	☐	1.000		2668731.19		A	0.3
4	☐	1.000		2589936.59		A	1.9
5	☐	1.000		2622489.63		A	0.6
6	☐	1.000		2608926.42		A	1.0
7	☐	1.000		2673168.78		A	0.9
8	☐	1.000		2586877.08		A	0.5

165 Ho (ISTD) [No Gas]

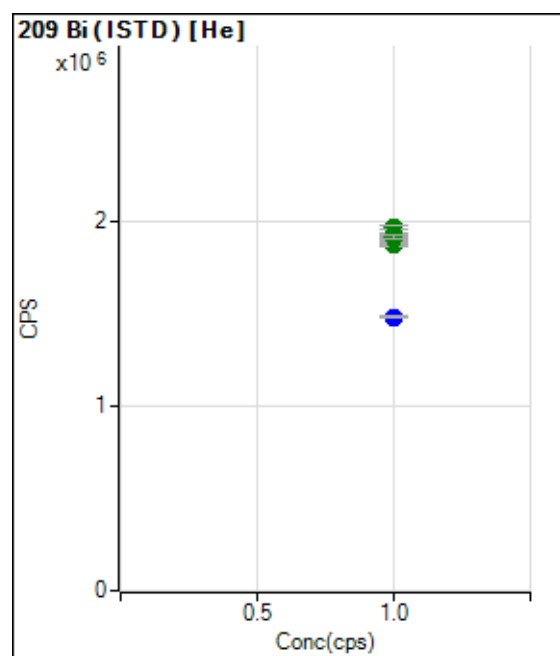
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3530562.86		A	0.8
2	☐	1.000		3475597.87		A	0.7
3	☐	1.000		3648899.60		A	1.7
4	☐	1.000		3620584.70		A	2.2
5	☐	1.000		3594976.75		A	0.8
6	☐	1.000		3616212.93		A	0.5
7	☐	1.000		3573009.84		A	1.5
8	☐	1.000		3529203.04		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2539070.85		A	1.2
2	☐	1.000		2519238.96		A	0.6
3	☐	1.000		2623589.82		A	1.5
4	☐	1.000		2573301.65		A	1.4
5	☐	1.000		2623507.22		A	0.9
6	☐	1.000		2621732.46		A	1.4
7	☐	1.000		2665591.96		A	1.4
8	☐	1.000		2543074.08		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2035179.81		A	0.8
2	☐	1.000		2054628.95		A	0.6
3	☐	1.000		2138446.20		A	1.5
4	☐	1.000		2128360.97		A	1.9
5	☐	1.000		2092154.22		A	1.2
6	☐	1.000		2125045.18		A	0.6
7	☐	1.000		2065119.64		A	2.0
8	☐	1.000		1924832.91		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1896374.89		A	0.5
2	☐	1.000		1870967.65		A	0.9
3	☐	1.000		1966150.44		A	1.1
4	☐	1.000		1910545.58		A	1.1
5	☐	1.000		1909296.85		A	2.7
6	☐	1.000		1931144.40		A	0.1
7	☐	1.000		1918455.39		A	0.6
8	☐	1.000		1483948.80		P	0.3