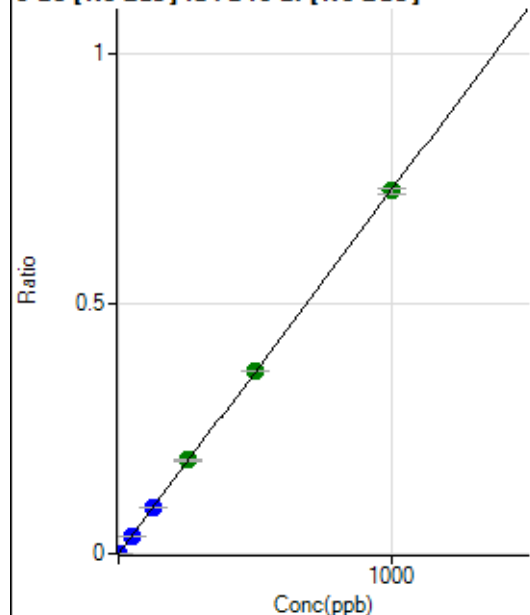


Calibration for 006CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020525MS-5.b\
 Analysis File: P8020525MS-5.batch.bin
 DA Date-Time: 2025-02-07 13:55:24
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-05 16:03:23
2	005CALS.d	S02	2025-02-05 16:06:42
3	006CALB.d	S03	2025-02-05 16:10:04
4	007CALS.d	S04	2025-02-05 16:13:05
5	008CALS.d	S05	2025-02-05 16:16:02
6	009CALS.d	S06	2025-02-05 16:18:49
7	010CALS.d	S07	2025-02-05 16:21:36
8	011CALS.d	S08	2025-02-05 16:24:21

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	461.62	0.0001	P	1.6
2	☐	1.000	1.092	7148.77	0.0008	P	3.4
3	☐	50.000	49.565	309227.10	0.0362	P	1.0
4	☐	125.000	127.049	763809.99	0.0926	P	0.5
5	☐	250.000	257.268	1516444.95	0.1875	A	1.5
6	☐	500.000	500.759	2832487.32	0.3649	A	0.3
7	☐	1000.000	997.569	5441471.49	0.7269	A	1.5
8	☐			2066.14	0.0003	P	13.4

$$y = 7.2861E-004 * x + 5.3337E-005$$

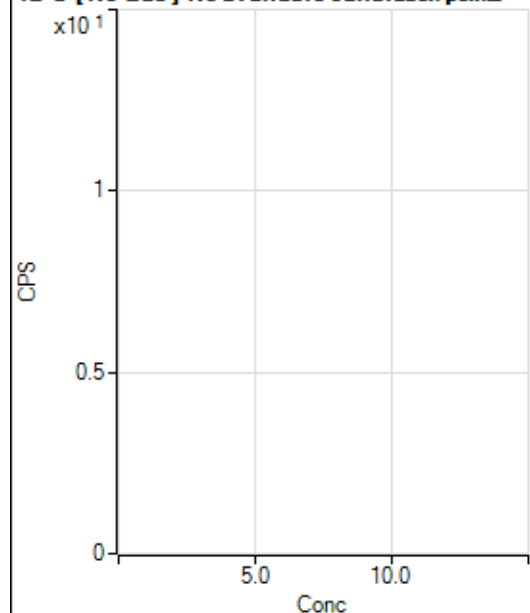
$$R = 1.0000$$

$$DL = 0.0036$$

$$BEC = 0.0732$$

Weight: <None>

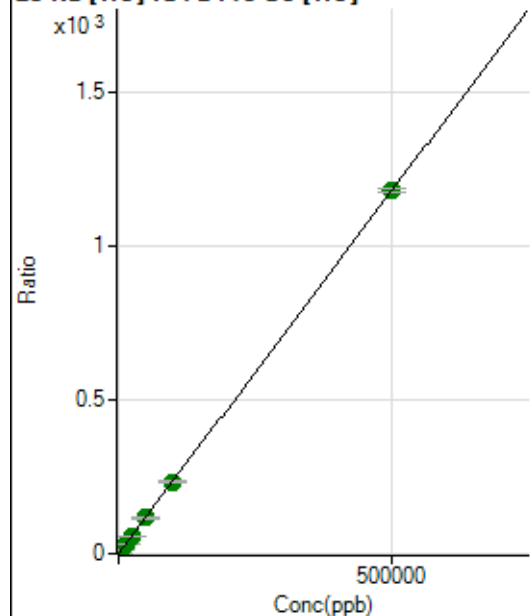
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3520509.36		A	0.3
2	☐			3625902.37		A	0.1
3	☐			3946868.97		A	0.7
4	☐			3849688.62		A	1.2
5	☐			4000434.07		A	0.3
6	☐			4339912.82		A	1.8
7	☐			5064338.36		A	4.3
8	☐			4571088.54		A	4.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22240.23		P	1.0
2	☐			22965.79		P	0.4
3	☐			24776.51		P	1.2
4	☐			25034.70		P	0.3
5	☐			25880.60		P	1.0
6	☐			29841.42		P	0.6
7	☐			36735.90		P	1.5
8	☐			42602.66		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68778.78	0.2985	P	0.7
2	☐	500.000	535.382	323318.52	1.5605	P	0.7
3	☐	5000.000	4983.362	2743484.44	12.0456	A	0.2
4	☐	12500.000	12388.892	6524674.35	29.5024	A	0.8
5	☐	25000.000	24892.858	12701801.20	58.9777	A	0.5
6	☐	50000.000	49294.422	24022324.37	116.4987	A	1.6
7	☐	100000.00	99220.744	49007813.16	234.1885	A	0.5
8	☐	500000.00	500234.67	235159432.0	1,179.486	A	1.2

$$y = 0.0024 * x + 0.2985$$

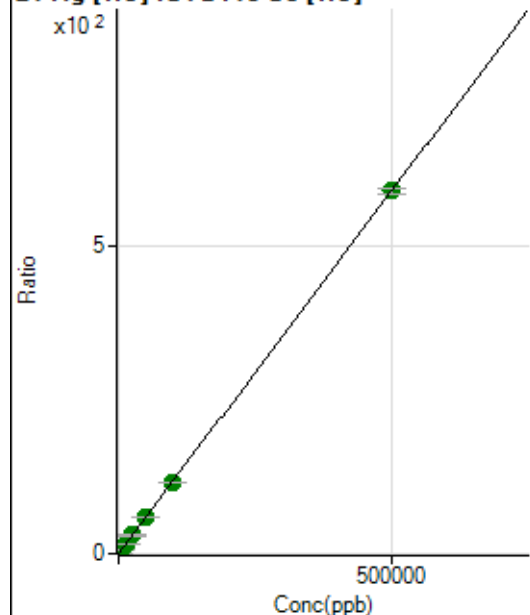
$$R = 1.0000$$

$$DL = 2.725$$

$$BEC = 126.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2829.19	0.0123	P	1.0
2	☐	500.000	538.222	134243.68	0.6480	P	0.9
3	☐	5000.000	5048.952	1360938.76	5.9755	A	1.1
4	☐	12500.000	12704.907	3321409.50	15.0179	A	1.7
5	☐	25000.000	25178.611	6407153.31	29.7504	A	1.0
6	☐	50000.000	49611.696	12085393.71	58.6079	A	1.1
7	☐	100000.00	99098.977	24495897.69	117.0566	A	0.5
8	☐	500000.00	500204.45	117784531.5	590.7964	A	1.5

$$y = 0.0012 * x + 0.0123$$

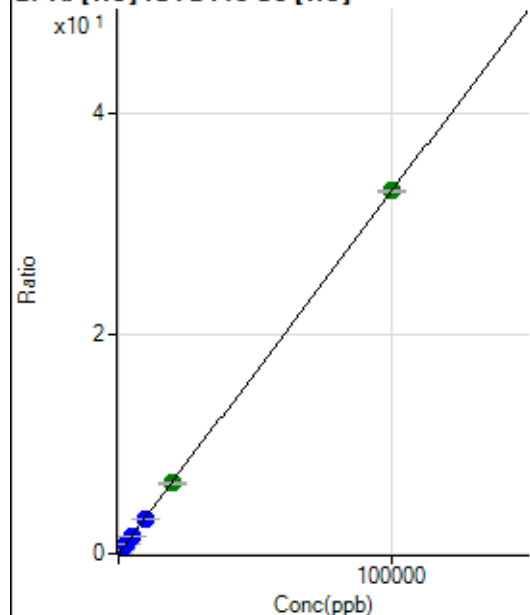
$$R = 1.0000$$

$$DL = 0.3232$$

$$BEC = 10.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0005	P	15.5
2	☐	20.000	19.706	1453.42	0.0070	P	5.4
3	☐	1000.000	960.620	72120.74	0.3167	P	0.7
4	☐	2500.000	2441.198	177788.02	0.8039	P	0.3
5	☐	5000.000	4853.765	344104.16	1.5978	P	1.4
6	☐	10000.000	9595.866	651276.62	3.1583	P	0.8
7	☐	20000.000	19433.878	1338457.59	6.3958	A	1.2
8	☐	100000.00	100162.81	6571746.36	32.9622	A	0.5

$$y = 3.2908E-004 * x + 5.3009E-004$$

$$R = 1.0000$$

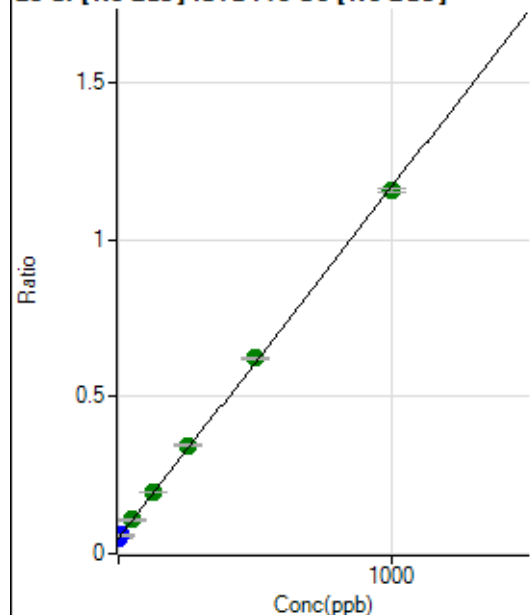
$$DL = 0.747$$

$$BEC = 1.611$$

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	605742.00	0.0495	P	1.0
2	☐	10.000	7.927	681960.89	0.0584	P	2.0
3	☐	50.000	51.780	1299157.94	0.1074	A	1.5
4	☐	125.000	129.635	2303407.85	0.1943	A	1.5
5	☐	250.000	264.315	3950402.69	0.3448	A	1.9
6	☐	500.000	513.674	6907945.59	0.6233	A	0.8
7	☐	1000.000	988.936	12802796.20	1.1541	A	0.9
8	☐			747394.59	0.0726	P	1.1

$$y = 0.0011 * x + 0.0495$$

$$R = 0.9997$$

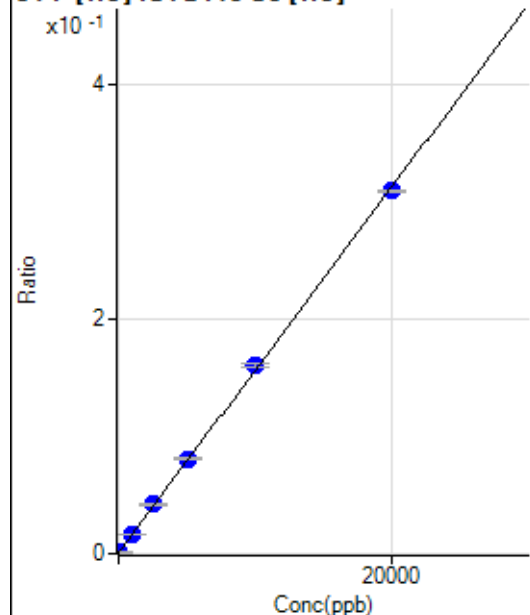
$$DL = 1.319$$

$$BEC = 44.36$$

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	-15.390	81.11	0.0004	P	15.8
2	☐	0.000	15.390	172.23	0.0008	P	13.4
3	☐	1000.000	1006.045	3710.51	0.0163	P	2.2
4	☐	2500.000	2666.716	9334.21	0.0422	P	1.7
5	☐	5000.000	5147.165	17427.24	0.0809	P	1.6
6	☐	10000.000	10269.525	33170.11	0.1609	P	1.5
7	☐	20000.000	19807.304	64809.38	0.3097	P	0.8
8	☐			81.11	0.0004	P	24.8

$$y = 1.5606E-005 * x + 5.9173E-004$$

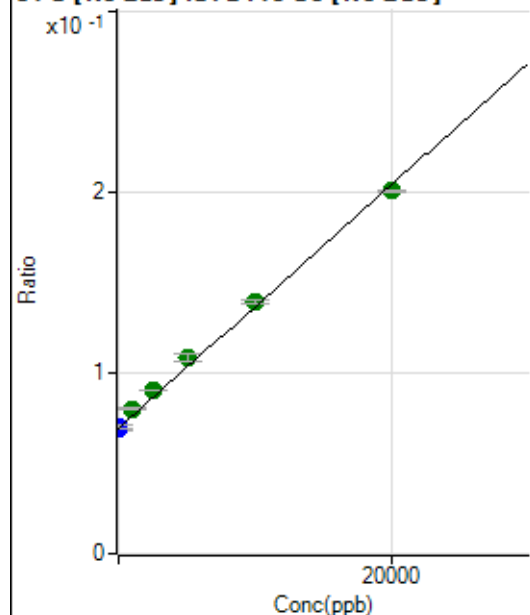
$$R = 0.9998$$

$$DL = 16.03$$

$$BEC = 37.92$$

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	-110.296	838672.23	0.0686	P	1.2
2	☐	0.000	110.296	818375.66	0.0701	P	1.9
3	☐	1000.000	1600.620	969331.82	0.0801	A	0.6
4	☐	2500.000	3114.218	1070514.44	0.0903	A	0.6
5	☐	5000.000	5814.100	1243018.98	0.1085	A	3.1
6	☐	10000.000	10411.250	1545512.65	0.1394	A	1.4
7	☐	20000.000	19484.042	2224578.98	0.2005	A	0.3
8	☐			659698.10	0.0641	P	0.9

$$y = 6.7337E-006 * x + 0.0693$$

R = 0.9984

DL = 480.5

BEC = 1.03E+04

Weight: <None>

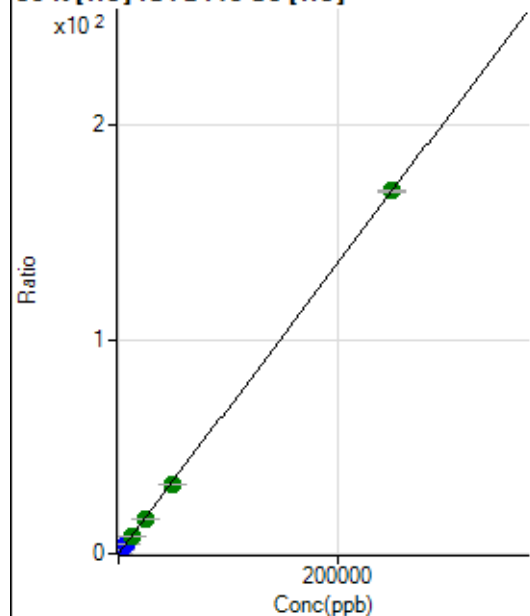
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			126474.36		P	0.6
2	☐			122669.85		P	2.9
3	☐			130643.32		P	1.2
4	☐			131164.25		P	0.9
5	☐			136432.41		P	0.9
6	☐			143148.59		P	0.7
7	☐			170818.75		P	2.7
8	☐			121942.88		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			451.13		P	6.5
2	☐			437.79		P	5.7
3	☐			443.34		P	4.0
4	☐			474.46		P	9.3
5	☐			456.68		P	7.7
6	☐			496.68		P	13.7
7	☐			668.91		P	2.7
8	☐			443.35		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11147.74	0.0484	P	0.6
2	☐	500.000	529.846	84260.74	0.4067	P	1.2
3	☐	2500.000	2408.189	381925.57	1.6769	P	0.3
4	☐	6250.000	6110.355	924528.30	4.1805	P	0.9
5	☐	12500.000	12358.645	1810275.25	8.4059	A	1.7
6	☐	25000.000	24304.655	3399281.02	16.4843	A	0.8
7	☐	50000.000	48137.677	6822365.38	32.6012	A	0.3
8	☐	250000.00	250453.41	33777454.77	169.4163	A	0.4

$$y = 6.7625E-004 * x + 0.0484$$

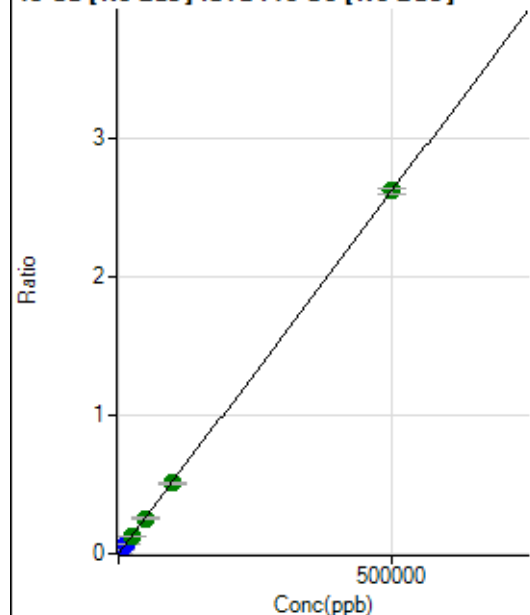
$$R = 1.0000$$

$$DL = 1.203$$

$$BEC = 71.54$$

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	836.70	0.0001	P	7.4
2	☐	500.000	509.983	31983.43	0.0027	P	2.8
3	☐	5000.000	4744.814	301194.49	0.0249	P	0.6
4	☐	12500.000	12066.239	749127.76	0.0632	P	1.3
5	☐	25000.000	24811.055	1488157.72	0.1299	A	2.4
6	☐	50000.000	49022.309	2843279.40	0.2566	A	1.1
7	☐	100000.00	97040.959	5632994.78	0.5078	A	0.7
8	☐	500000.00	500712.41	26956441.82	2.6199	A	1.4

$$y = 5.2321\text{E-}006 * x + 6.8406\text{E-}005$$

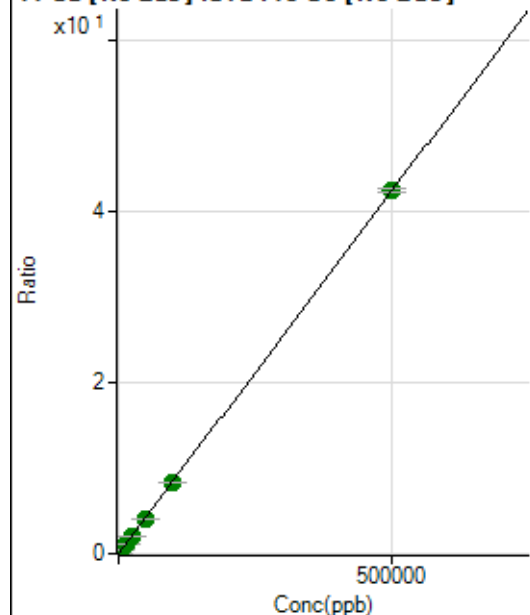
$$R = 1.0000$$

$$DL = 2.91$$

$$BEC = 13.07$$

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	37225.93	0.0030	P	1.2
2	☐	500.000	509.798	539446.60	0.0462	P	3.1
3	☐	5000.000	4784.666	4932620.80	0.4077	A	0.5
4	☐	12500.000	12040.263	12104815.24	1.0213	A	1.4
5	☐	25000.000	24485.800	23761602.43	2.0738	A	1.9
6	☐	50000.000	48350.283	45350266.55	4.0920	A	0.8
7	☐	100000.00	97418.350	91422597.53	8.2416	A	0.7
8	☐	500000.00	500720.64	435738802.4	42.3485	A	1.1

$$y = 8.4569\text{E-}005 * x + 0.0030$$

$$R = 1.0000$$

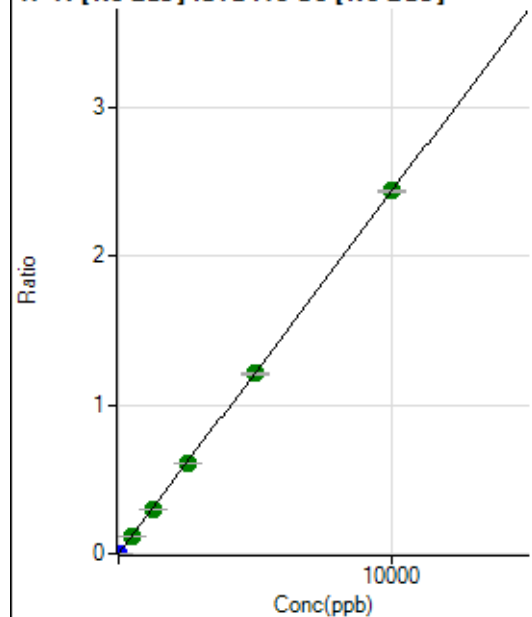
$$DL = 1.344$$

$$BEC = 36$$

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	281.12	0.0000	P	9.1
2	☐	5.000	5.216	15104.73	0.0013	P	3.7
3	☐	500.000	493.943	1454555.03	0.1202	A	0.2
4	☐	1250.000	1232.507	3555033.11	0.2999	A	1.9
5	☐	2500.000	2501.108	6974077.53	0.6086	A	1.5
6	☐	5000.000	4972.000	13409239.52	1.2099	A	0.6
7	☐	10000.000	10016.212	27038666.54	2.4374	A	0.3
8	☐			3295.97	0.0003	P	1.9

$$y = 2.4334\text{E-}004 * x + 2.2975\text{E-}005$$

$$R = 1.0000$$

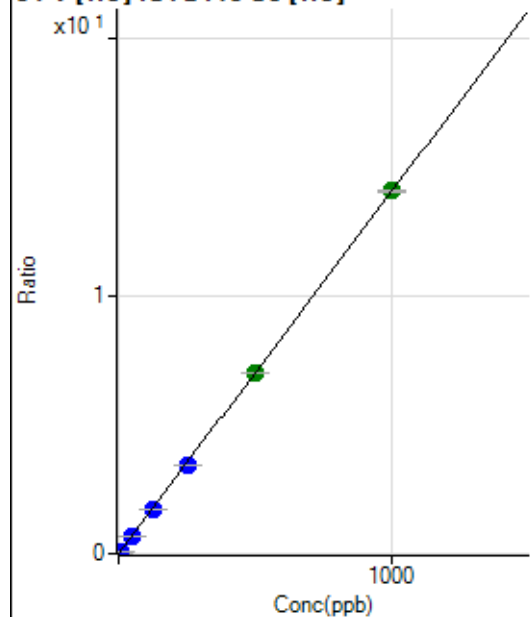
$$DL = 0.02588$$

$$BEC = 0.09442$$

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	23.33	0.0001	P	57.8
2	☐	5.000	5.371	15629.76	0.0754	P	0.5
3	☐	50.000	48.090	153649.08	0.6746	P	0.9
4	☐	125.000	121.703	377526.11	1.7072	P	1.5
5	☐	250.000	243.276	734914.72	3.4124	P	0.2
6	☐	500.000	500.449	1447527.46	7.0196	A	0.2
7	☐	1000.000	1001.962	2941007.00	14.0541	A	0.9
8	☐			778.92	0.0039	P	7.0

$$y = 0.0140 * x + 1.0138\text{E-}004$$

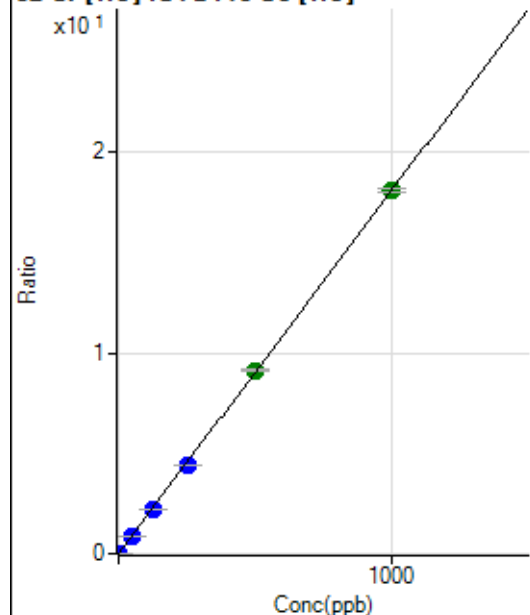
$$R = 1.0000$$

$$DL = 0.01253$$

$$BEC = 0.007228$$

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	882.26	0.0038	P	5.6
2	☐	2.000	2.131	8774.99	0.0424	P	0.8
3	☐	50.000	47.897	198079.49	0.8697	P	0.1
4	☐	125.000	121.706	487418.43	2.2040	P	0.9
5	☐	250.000	242.253	943992.34	4.3832	P	0.4
6	☐	500.000	505.705	1885911.60	9.1458	A	1.3
7	☐	1000.000	999.601	3782306.85	18.0743	A	0.9
8	☐			8811.70	0.0442	P	2.5

$$y = 0.0181 * x + 0.0038$$

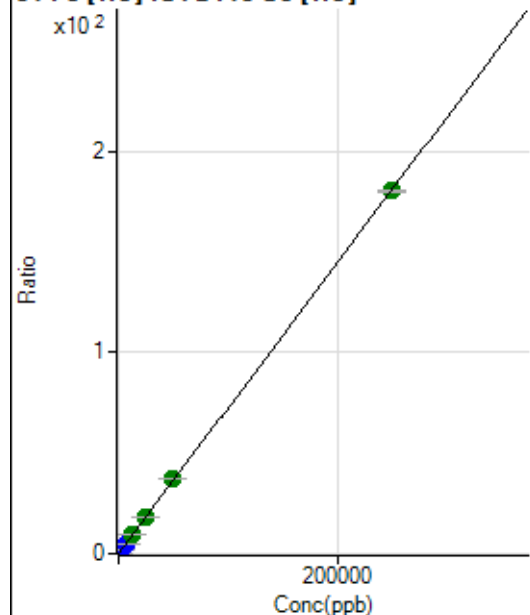
$$R = 0.9999$$

$$DL = 0.03571$$

$$BEC = 0.2117$$

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	494.46	0.0021	P	12.4
2	☐	50.000	55.216	8713.85	0.0421	P	1.7
3	☐	2500.000	2506.760	413133.32	1.8139	P	0.4
4	☐	6250.000	6391.863	1022132.62	4.6219	P	1.2
5	☐	12500.000	13061.616	2033619.52	9.4426	A	0.5
6	☐	25000.000	25734.075	3835860.33	18.6017	A	0.3
7	☐	50000.000	51040.480	7720251.06	36.8921	A	0.2
8	☐	250000.00	249686.80	35980144.46	180.4656	A	0.2

$$y = 7.2276E-004 * x + 0.0021$$

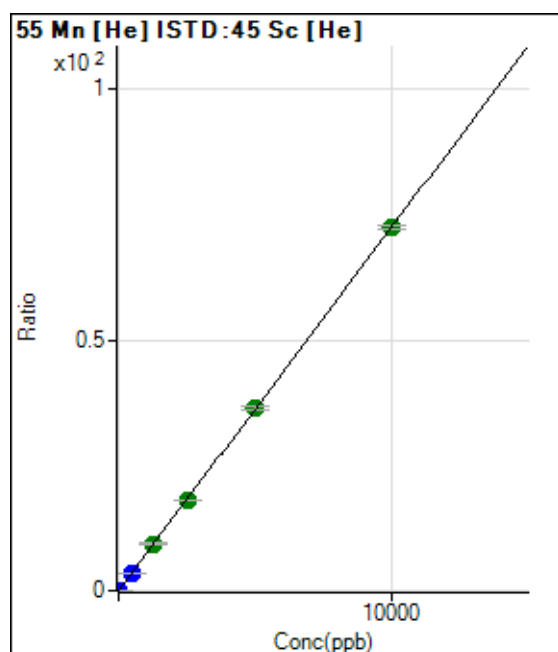
$$R = 1.0000$$

$$DL = 1.107$$

$$BEC = 2.97$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	167.78	0.0007	P	18.8
2	☐	1.000	1.012	1671.23	0.0081	P	3.6
3	☐	500.000	488.069	806158.15	3.5396	P	0.1
4	☐	1250.000	1289.634	2068013.98	9.3514	A	1.4
5	☐	2500.000	2497.050	3899460.19	18.1060	A	0.7
6	☐	5000.000	5023.246	7510424.61	36.4225	A	1.4
7	☐	10000.000	9984.757	15149977.55	72.3967	A	0.9
8	☐			6561.58	0.0329	P	2.5

$$y = 0.0073 * x + 7.2889E-004$$

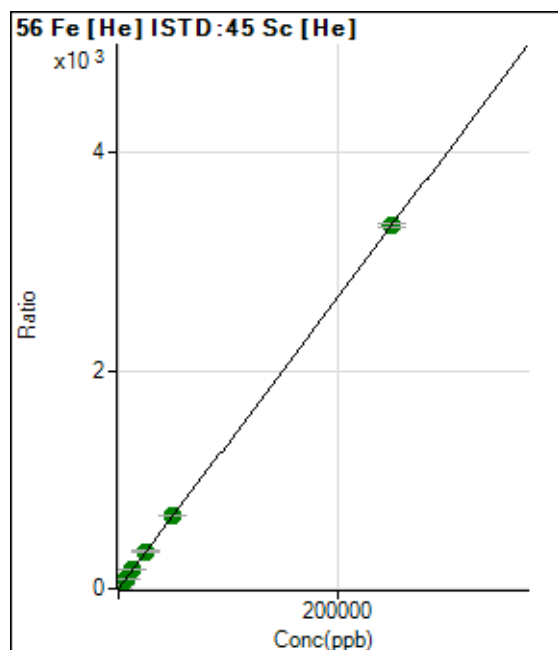
$$R = 1.0000$$

$$DL = 0.05657$$

$$BEC = 0.1005$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6261.43	0.0272	P	1.5
2	☐	50.000	54.918	157078.36	0.7581	P	0.6
3	☐	2500.000	2508.573	7610556.56	33.4151	A	0.9
4	☐	6250.000	6350.719	18698721.25	84.5523	A	1.0
5	☐	12500.000	12639.573	36236310.29	168.2540	A	0.6
6	☐	25000.000	25625.714	70333737.84	341.0935	A	1.7
7	☐	50000.000	50142.555	139663625.7	667.4012	A	0.5
8	☐	250000.00	249899.33	663113954.5	3,326.071	A	1.0

$$y = 0.0133 * x + 0.0272$$

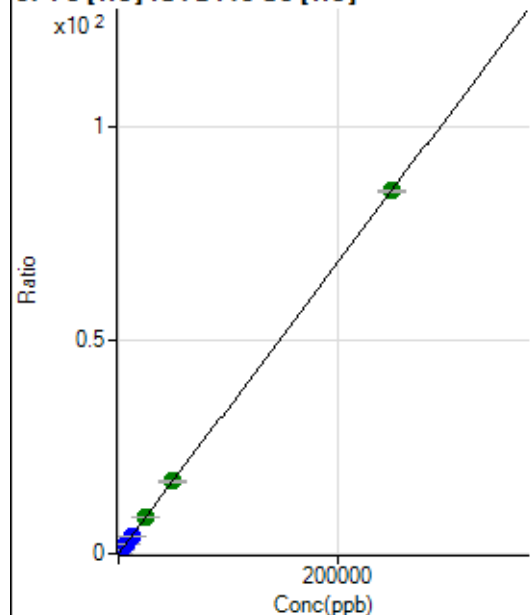
$$R = 1.0000$$

$$DL = 0.08891$$

$$BEC = 2.041$$

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	164.45	0.0007	P	15.4
2	☐	50.000	53.567	3923.91	0.0189	P	6.3
3	☐	2500.000	2432.770	188743.72	0.8287	P	0.9
4	☐	6250.000	6197.936	466657.68	2.1102	P	1.2
5	☐	12500.000	12282.347	900436.49	4.1810	P	0.5
6	☐	25000.000	25577.605	1795215.53	8.7060	A	1.3
7	☐	50000.000	49819.149	3548383.84	16.9566	A	1.2
8	☐	250000.00	249991.26	16963793.64	85.0849	A	0.5

$$y = 3.4035\text{E-}004 * x + 7.1455\text{E-}004$$

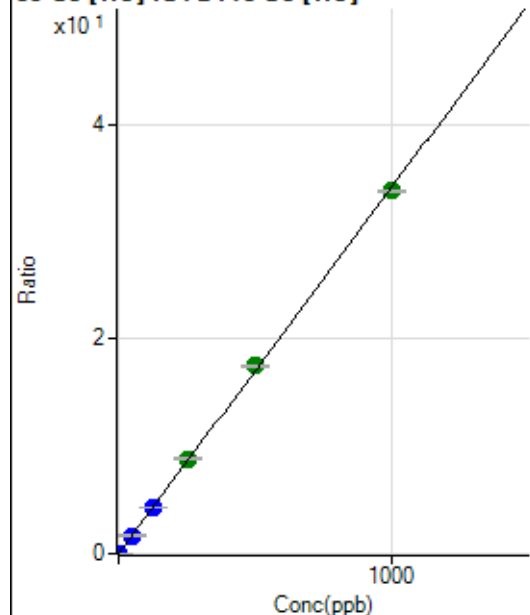
$$R = 1.0000$$

$$DL = 0.969$$

$$BEC = 2.099$$

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	167.78	0.0007	P	14.1
2	☐	1.000	1.129	8131.28	0.0392	P	2.4
3	☐	50.000	49.817	387341.34	1.7007	P	0.5
4	☐	125.000	126.108	951881.79	4.3040	P	0.6
5	☐	250.000	258.916	1902959.54	8.8360	A	1.0
6	☐	500.000	513.426	3612934.98	17.5208	A	0.7
7	☐	1000.000	990.929	7076274.27	33.8151	A	0.8
8	☐			14810.00	0.0743	P	0.6

$$y = 0.0341 * x + 7.2727\text{E-}004$$

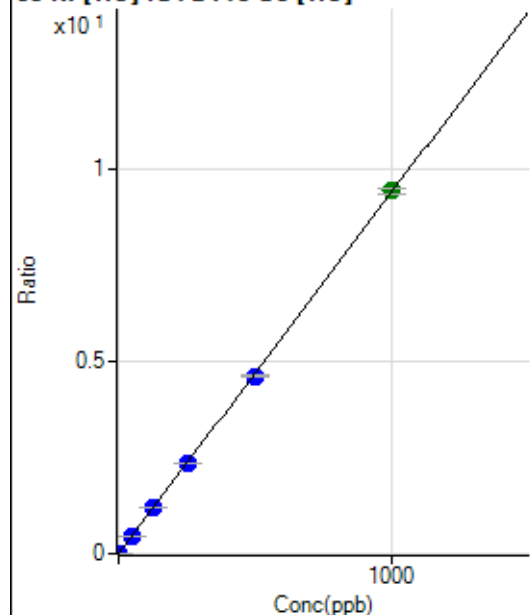
$$R = 0.9998$$

$$DL = 0.009036$$

$$BEC = 0.02131$$

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	591.13	0.0026	P	4.6
2	☐	1.000	1.139	2750.30	0.0133	P	1.8
3	☐	50.000	49.836	107332.96	0.4713	P	0.2
4	☐	125.000	125.838	262293.84	1.1860	P	0.9
5	☐	250.000	250.179	507272.33	2.3554	P	0.4
6	☐	500.000	491.384	953494.18	4.6239	P	0.4
7	☐	1000.000	1004.167	1976786.30	9.4464	A	1.3
8	☐			6761.66	0.0339	P	1.3

$$y = 0.0094 * x + 0.0026$$

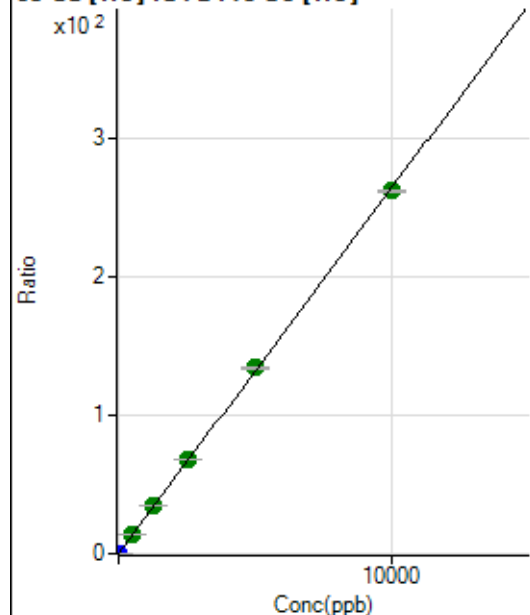
$$R = 0.9999$$

$$DL = 0.03803$$

$$BEC = 0.2728$$

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	3729.41	0.0162	P	3.1
2	☐	2.000	2.194	15365.07	0.0742	P	1.2
3	☐	500.000	513.184	3091415.37	13.5733	A	0.1
4	☐	1250.000	1299.253	7594503.43	34.3393	A	0.7
5	☐	2500.000	2580.646	14685827.42	68.1905	A	0.4
6	☐	5000.000	5096.020	27763599.03	134.6405	A	1.0
7	☐	10000.000	9925.012	54871291.96	262.2106	A	0.9
8	☐			9567.75	0.0480	P	1.3

$$y = 0.0264 * x + 0.0162$$

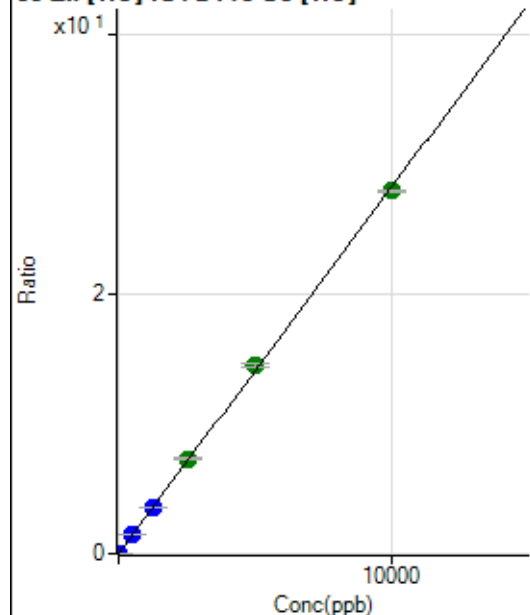
$$R = 0.9999$$

$$DL = 0.05773$$

$$BEC = 0.6128$$

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	418.90	0.0018	P	10.5
2	☐	2.000	5.855	3794.99	0.0183	P	3.5
3	☐	500.000	499.799	321223.74	1.4104	P	0.6
4	☐	1250.000	1277.496	796651.70	3.6022	P	0.7
5	☐	2500.000	2590.262	1572569.18	7.3019	A	0.6
6	☐	5000.000	5142.227	2988700.30	14.4941	A	1.6
7	☐	10000.000	9902.893	5840820.26	27.9109	A	0.8
8	☐			2856.99	0.0143	P	2.4

$$y = 0.0028 * x + 0.0018$$

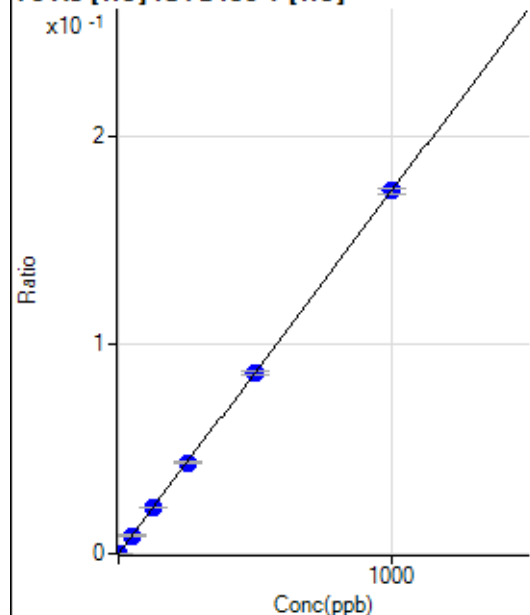
$$R = 0.9998$$

$$DL = 0.2034$$

$$BEC = 0.6453$$

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	7.78	0.0000	P	99.7
2	☐	1.000	1.174	401.12	0.0002	P	7.3
3	☐	50.000	50.298	18543.41	0.0087	P	0.7
4	☐	125.000	126.744	45806.39	0.0220	P	1.4
5	☐	250.000	251.556	89238.95	0.0436	P	0.7
6	☐	500.000	498.261	169954.89	0.0864	P	1.2
7	☐	1000.000	1000.247	344306.89	0.1735	P	1.3
8	☐			210.01	0.0001	P	7.6

$$y = 1.7344E-004 * x + 3.6077E-006$$

$$R = 1.0000$$

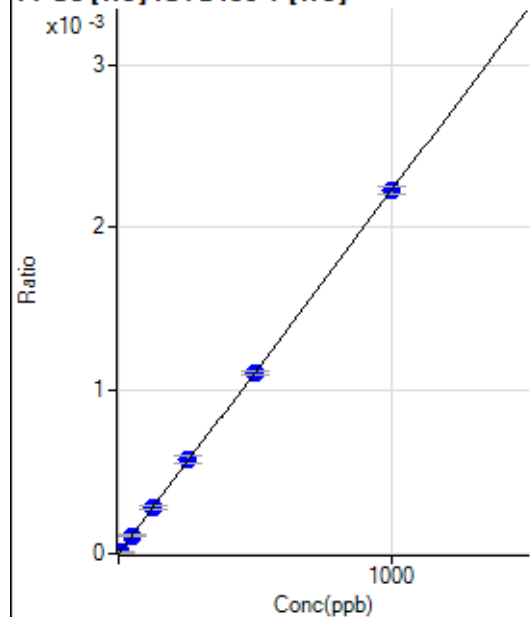
$$DL = 0.06223$$

$$BEC = 0.0208$$

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	3.338	14.44	0.0000	P	57.3
3	☐	50.000	49.306	233.34	0.0001	P	8.7
4	☐	125.000	127.754	593.35	0.0003	P	5.5
5	☐	250.000	259.383	1182.29	0.0006	P	6.4
6	☐	500.000	497.032	2177.97	0.0011	P	2.3
7	☐	1000.000	998.837	4417.40	0.0022	P	2.1
8	☐			2.22	0.0000	P	86.6

$$y = 2.2281\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

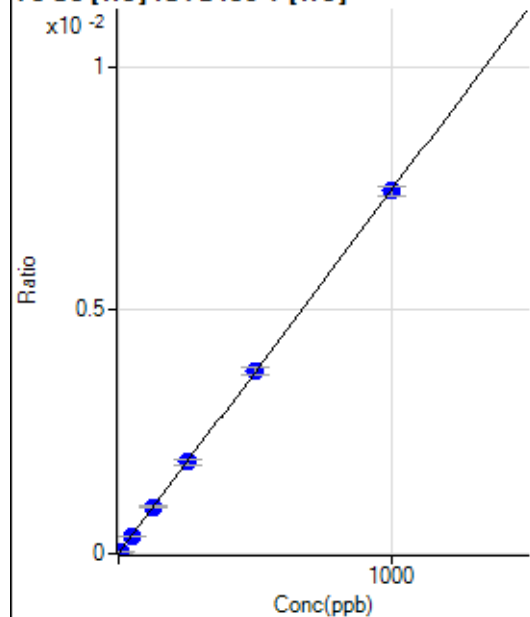
$$DL = 0$$

$$BEC = 0$$

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	13.33	0.0000	P	25.9
2	☐	5.000	5.407	90.00	0.0000	P	19.2
3	☐	50.000	48.985	790.03	0.0004	P	0.7
4	☐	125.000	128.532	2011.28	0.0010	P	4.8
5	☐	250.000	252.450	3865.02	0.0019	P	6.1
6	☐	500.000	501.781	7377.56	0.0038	P	4.4
7	☐	1000.000	998.104	14795.65	0.0075	P	2.8
8	☐			11.11	0.0000	P	18.1

$$y = 7.4643\text{E-}006 * x + 6.1648\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.6415$$

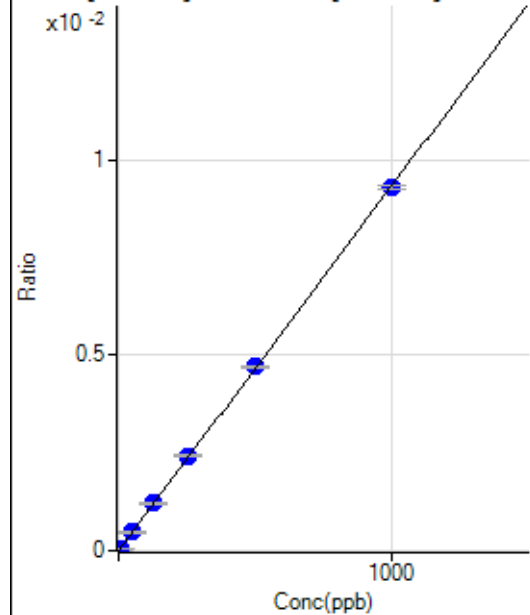
$$BEC = 0.8259$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4015.07		P	4.9
2	☐			3865.02		P	2.2
3	☐			4007.29		P	6.3
4	☐			3858.35		P	3.0
5	☐			3778.33		P	2.4
6	☐			3617.18		P	2.3
7	☐			3782.77		P	1.9
8	☐			4082.86		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.55	0.0000	P	125.
2	☐	5.000	5.410	1441.24	0.0001	P	9.2
3	☐	50.000	50.089	13803.87	0.0005	P	2.1
4	☐	125.000	129.837	34891.91	0.0012	P	2.6
5	☐	250.000	258.876	68689.72	0.0024	P	1.8
6	☐	500.000	504.173	129374.32	0.0047	P	0.7
7	☐	1000.000	995.083	254636.99	0.0093	P	1.0
8	☐			40.00	0.0000	P	29.9

$$y = 9.3205E-006 * x + 8.6596E-007$$

$$R = 0.9999$$

$$DL = 0.3487$$

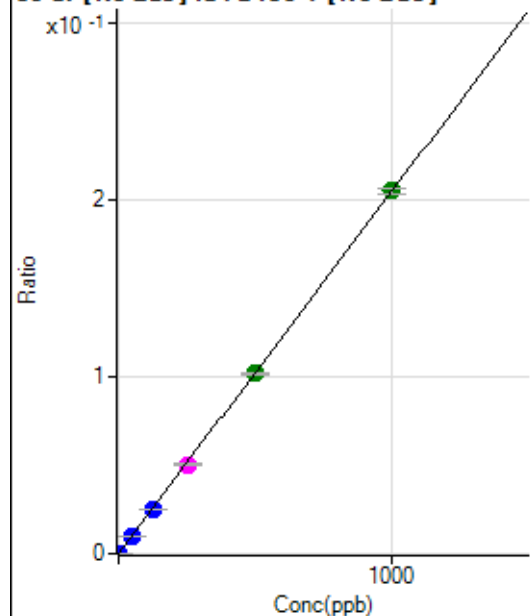
$$BEC = 0.09291$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			332.23		P	4.1
2	☐			341.12		P	8.9
3	☐			316.67		P	9.4
4	☐			301.12		P	3.4
5	☐			300.01		P	7.8
6	☐			346.67		P	1.7
7	☐			305.56		P	6.3
8	☐			373.34		P	6.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	584.46	0.0000	P	12.1
2	☐	1.000	1.029	6491.57	0.0002	P	1.8
3	☐	50.000	47.134	285535.66	0.0097	P	0.8
4	☐	125.000	121.729	719015.44	0.0250	P	2.4
5	☐	250.000	245.915	1434377.48	0.0504	M	1.6
6	☐	500.000	498.430	2810954.33	0.1021	A	0.7
7	☐	1000.000	1002.358	5637198.60	0.2053	A	1.9
8	☐			17501.03	0.0007	P	1.1

$$y = 2.0484\text{E-}004 * x + 1.9831\text{E-}005$$

$$R = 1.0000$$

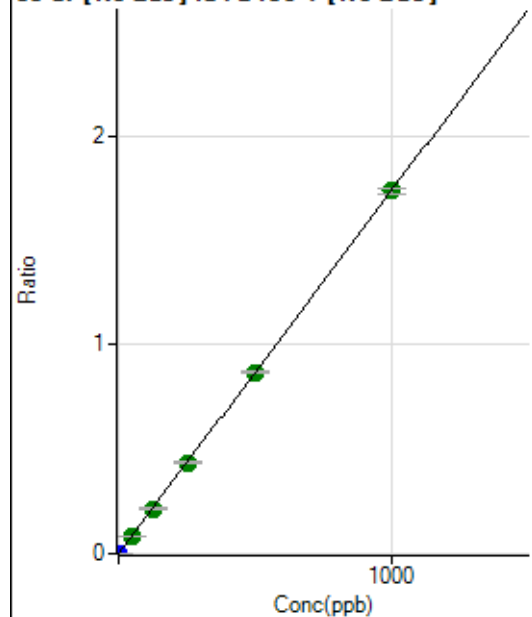
$$DL = 0.03517$$

$$BEC = 0.09681$$

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	677.80	0.0000	P	10.7
2	☐	1.000	1.041	51606.39	0.0018	P	2.7
3	☐	50.000	49.371	2533200.03	0.0858	A	1.4
4	☐	125.000	124.278	6225573.45	0.2160	A	0.9
5	☐	250.000	250.993	12415897.18	0.4363	A	0.9
6	☐	500.000	500.500	23946164.09	0.8699	A	1.3
7	☐	1000.000	999.623	47696170.40	1.7374	A	1.9
8	☐			147403.93	0.0058	P	0.4

$$y = 0.0017 * x + 2.3010E-005$$

$$R = 1.0000$$

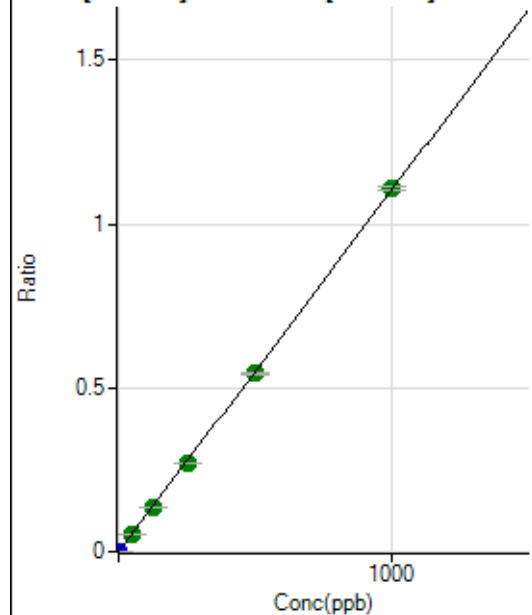
$$DL = 0.004249$$

$$BEC = 0.01324$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1028.94	0.0000	P	1.1
2	☐	1.000	1.015	32467.92	0.0012	P	1.8
3	☐	50.000	48.877	1590217.04	0.0539	A	2.2
4	☐	125.000	122.878	3902341.43	0.1354	A	0.6
5	☐	250.000	246.149	7718407.66	0.2712	A	1.1
6	☐	500.000	492.978	14950392.69	0.5431	A	1.0
7	☐	1000.000	1004.795	30389576.49	1.1070	A	0.9
8	☐			50484.33	0.0020	P	0.7

$$y = 0.0011 * x + 3.4921E-005$$

$$R = 1.0000$$

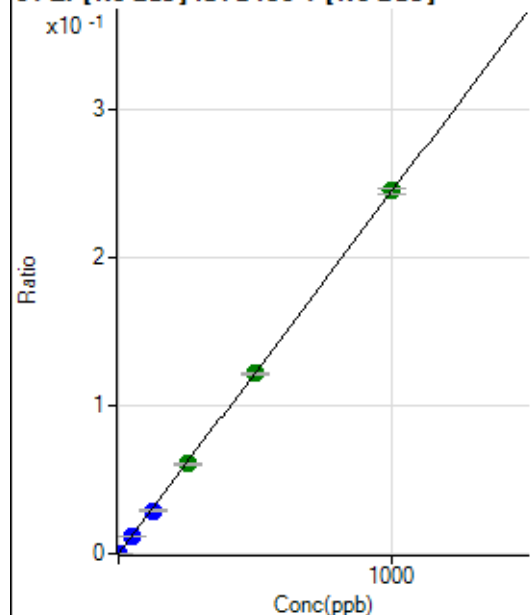
$$DL = 0.001055$$

$$BEC = 0.0317$$

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	192.22	0.0000	P	12.1
2	☐	1.000	1.012	7151.91	0.0003	P	4.8
3	☐	50.000	46.627	336859.06	0.0114	P	0.2
4	☐	125.000	118.851	837981.20	0.0291	P	2.3
5	☐	250.000	247.914	1726296.41	0.0607	A	1.1
6	☐	500.000	498.118	3354643.63	0.1219	A	0.8
7	☐	1000.000	1002.400	6732429.90	0.2452	A	1.6
8	☐			11141.24	0.0004	P	3.8

$$y = 2.4465\text{E-}004 * x + 6.5255\text{E-}006$$

$$R = 1.0000$$

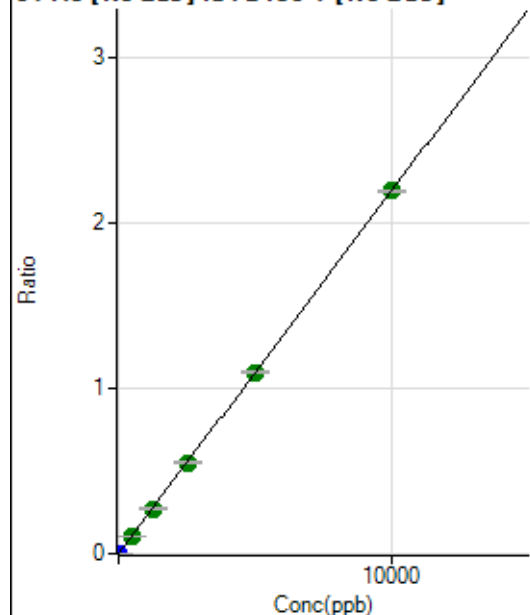
$$DL = 0.00969$$

$$BEC = 0.02667$$

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	498.90	0.0000	P	5.7
2	☐	5.000	6.089	38095.48	0.0014	P	2.7
3	☐	500.000	489.536	3171591.10	0.1075	A	2.2
4	☐	1250.000	1240.925	7847065.51	0.2724	A	3.5
5	☐	2500.000	2505.381	15650020.60	0.5499	A	1.3
6	☐	5000.000	4997.106	30191001.22	1.0968	A	1.6
7	☐	10000.000	10001.759	60266004.10	2.1953	A	0.7
8	☐			25514.58	0.0010	P	1.4

$$y = 2.1949\text{E-}004 * x + 1.6934\text{E-}005$$

$$R = 1.0000$$

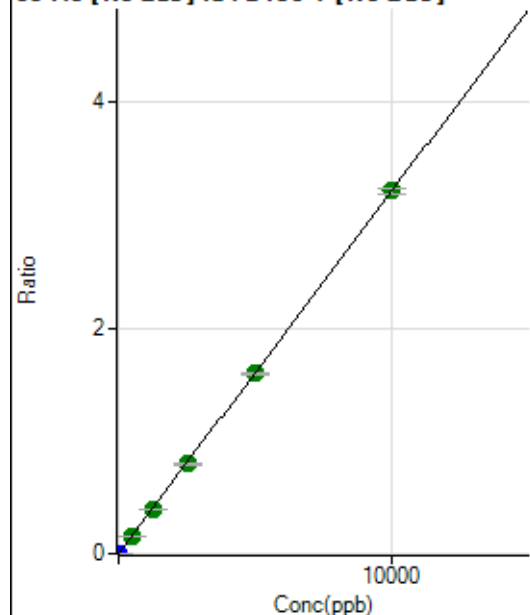
$$DL = 0.01323$$

$$BEC = 0.07715$$

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	308.90	0.0000	P	14.4
2	☐	5.000	5.099	46334.77	0.0016	P	2.9
3	☐	500.000	486.471	4608919.52	0.1562	A	0.6
4	☐	1250.000	1238.556	11456793.86	0.3976	A	1.4
5	☐	2500.000	2488.726	22734234.11	0.7989	A	2.2
6	☐	5000.000	4978.493	43988397.12	1.5981	A	1.4
7	☐	10000.000	10015.679	88258360.91	3.2149	A	1.5
8	☐			11929.66	0.0005	P	2.5

$$y = 3.2099\text{E-}004 * x + 1.0480\text{E-}005$$

$$R = 1.0000$$

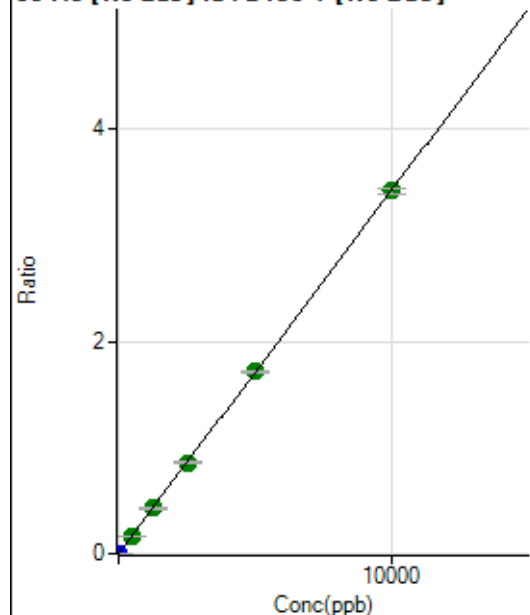
$$DL = 0.0141$$

$$BEC = 0.03265$$

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	433.35	0.0000	P	7.7
2	☐	5.000	5.275	51230.91	0.0018	P	3.0
3	☐	500.000	492.430	4976379.79	0.1686	A	1.0
4	☐	1250.000	1250.148	12334765.23	0.4280	A	1.4
5	☐	2500.000	2505.111	24408960.19	0.8577	A	1.8
6	☐	5000.000	5020.583	47316378.18	1.7190	A	1.1
7	☐	10000.000	9988.791	93886284.16	3.4200	A	1.5
8	☐			16253.03	0.0006	P	4.2

$$y = 3.4238\text{E-}004 * x + 1.4710\text{E-}005$$

$$R = 1.0000$$

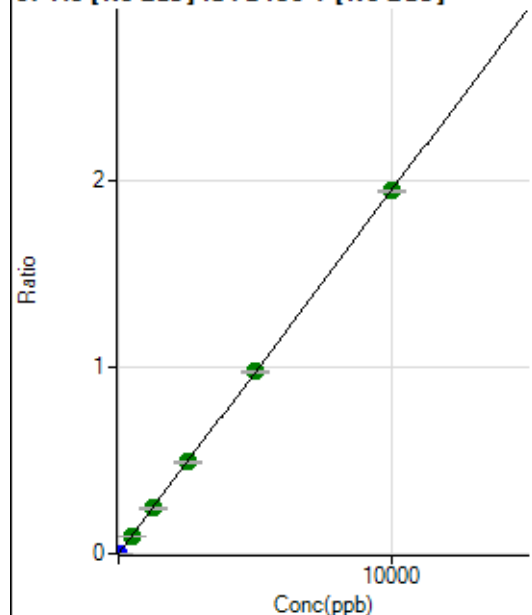
$$DL = 0.0099$$

$$BEC = 0.04296$$

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	207.78	0.0000	P	6.8
2	☐	5.000	5.147	28356.86	0.0010	P	2.3
3	☐	500.000	493.028	2829238.01	0.0959	A	0.2
4	☐	1250.000	1250.274	7003566.35	0.2431	A	2.9
5	☐	2500.000	2518.982	13937330.63	0.4898	A	1.9
6	☐	5000.000	5013.258	26829771.82	0.9747	A	1.1
7	☐	10000.000	9988.940	53315104.76	1.9421	A	0.9
8	☐			6779.50	0.0003	P	0.6

$$y = 1.9442\text{E-}004 * x + 7.0529\text{E-}006$$

$$R = 1.0000$$

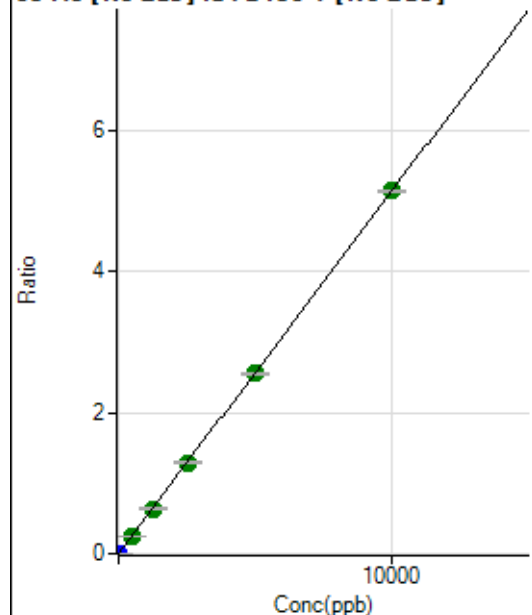
$$DL = 0.007429$$

$$BEC = 0.03628$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	496.68	0.0000	P	12.7
2	☐	5.000	5.088	73896.89	0.0026	P	3.0
3	☐	500.000	484.441	7333615.65	0.2485	A	0.7
4	☐	1250.000	1246.214	18416693.34	0.6392	A	2.4
5	☐	2500.000	2512.461	36673214.17	1.2886	A	1.2
6	☐	5000.000	4964.027	70082251.18	2.5460	A	1.2
7	☐	10000.000	10016.122	141031120.1	5.1372	A	0.7
8	☐			17841.59	0.0007	P	2.3

$$y = 5.1289\text{E-}004 * x + 1.6853\text{E-}005$$

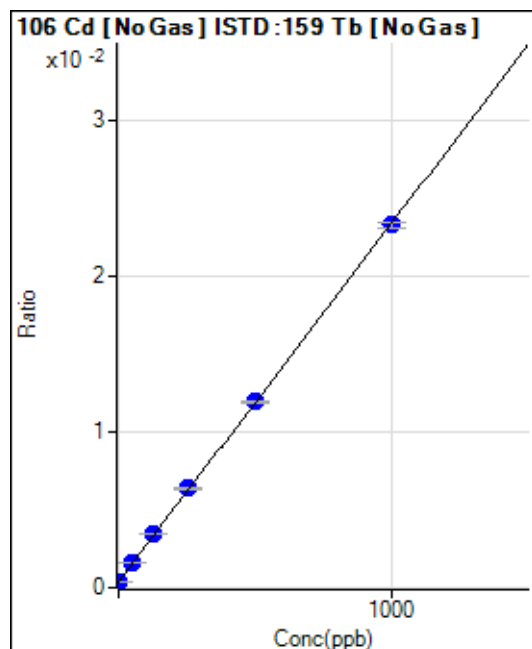
$$R = 1.0000$$

$$DL = 0.01251$$

$$BEC = 0.03286$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7913.45	0.0004	P	1.2
2	☐	1.000	1.119	8221.42	0.0004	P	1.8
3	☐	50.000	53.127	32993.85	0.0016	P	0.6
4	☐	125.000	131.611	70897.60	0.0034	P	0.6
5	☐	250.000	259.748	132022.39	0.0064	P	1.2
6	☐	500.000	501.510	242230.99	0.0119	P	1.4
7	☐	1000.000	995.825	473251.84	0.0233	P	1.6
8	☐			7107.46	0.0004	P	0.6

$$y = 2.3052\text{E-}005 * x + 3.8359\text{E-}004$$

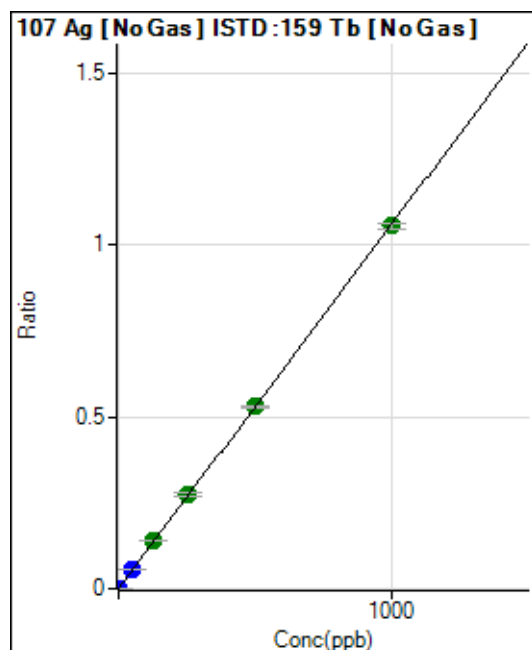
$$R = 0.9999$$

$$DL = 0.5912$$

$$BEC = 16.64$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	217.78	0.0000	P	6.0
2	☐	1.000	1.047	22481.81	0.0011	P	4.8
3	☐	50.000	52.050	1130595.19	0.0551	P	1.3
4	☐	125.000	134.030	2943939.75	0.1419	A	0.5
5	☐	250.000	259.243	5686504.98	0.2745	A	2.5
6	☐	500.000	500.693	10750188.73	0.5301	A	1.2
7	☐	1000.000	996.111	21383672.73	1.0546	A	1.5
8	☐			2702.52	0.0001	P	11.5

$$y = 0.0011 * x + 1.0556\text{E-}005$$

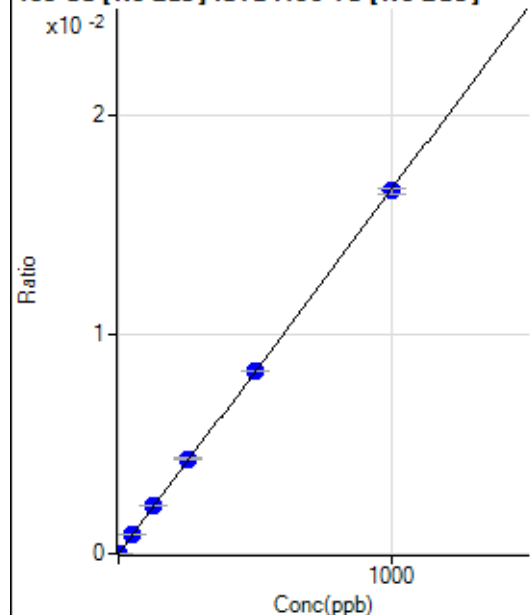
$$R = 0.9999$$

$$DL = 0.001788$$

$$BEC = 0.009971$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	38.4
2	☐	1.000	1.069	378.90	0.0000	P	12.2
3	☐	50.000	54.049	18430.21	0.0009	P	1.7
4	☐	125.000	130.552	44988.82	0.0022	P	1.9
5	☐	250.000	259.294	89226.01	0.0043	P	1.7
6	☐	500.000	501.556	168906.43	0.0083	P	0.9
7	☐	1000.000	996.002	335343.58	0.0165	P	1.3
8	☐			220.00	0.0000	P	6.2

$$y = 1.6603\text{E-}005 * x + 1.0788\text{E-}006$$

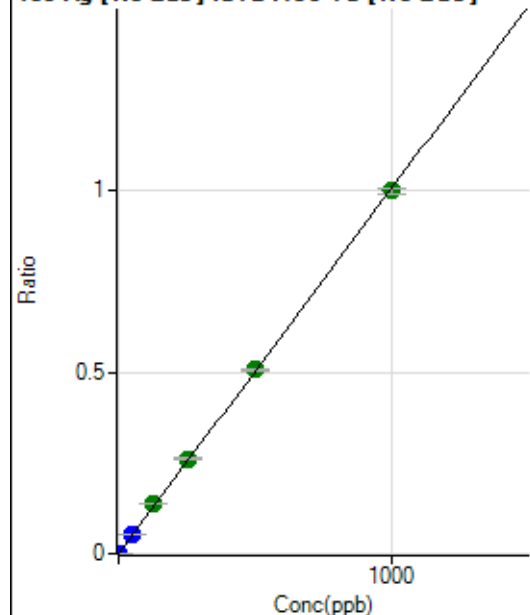
$$R = 0.9999$$

$$DL = 0.07484$$

$$BEC = 0.06497$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0000	P	17.7
2	☐	1.000	1.048	21236.50	0.0011	P	5.5
3	☐	50.000	52.825	1088753.46	0.0531	P	1.4
4	☐	125.000	135.463	2823382.67	0.1361	A	1.6
5	☐	250.000	260.229	5416593.04	0.2614	A	2.7
6	☐	500.000	504.554	10280213.18	0.5069	A	1.1
7	☐	1000.000	993.717	20244125.95	0.9984	A	1.4
8	☐			2309.11	0.0001	P	8.6

$$y = 0.0010 * x + 4.4152\text{E-}006$$

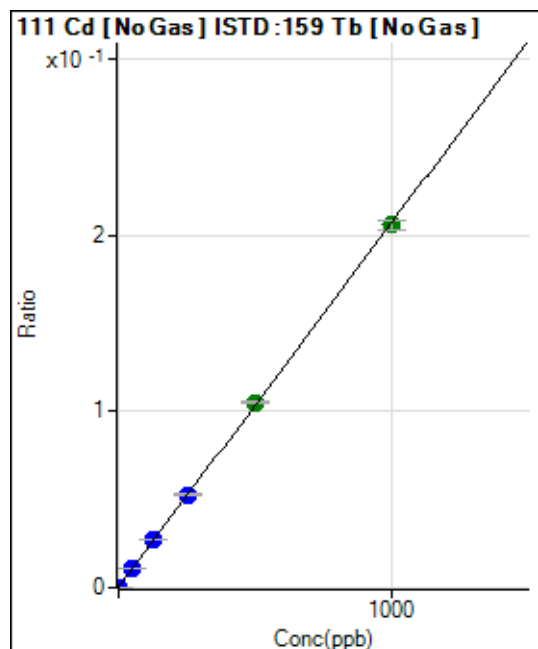
$$R = 0.9999$$

$$DL = 0.002337$$

$$BEC = 0.004395$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5566.09	0.0003	P	1.3
2	☐	1.000	1.116	10042.79	0.0005	P	3.8
3	☐	50.000	52.242	226978.71	0.0111	P	1.1
4	☐	125.000	129.447	560502.84	0.0270	P	0.7
5	☐	250.000	253.681	1091722.15	0.0527	P	1.7
6	☐	500.000	507.530	2132329.66	0.1051	A	1.1
7	☐	1000.000	994.647	4172386.18	0.2058	A	2.8
8	☐			5484.57	0.0003	P	0.6

$$y = 2.0664\text{E-}004 * x + 2.6981\text{E-}004$$

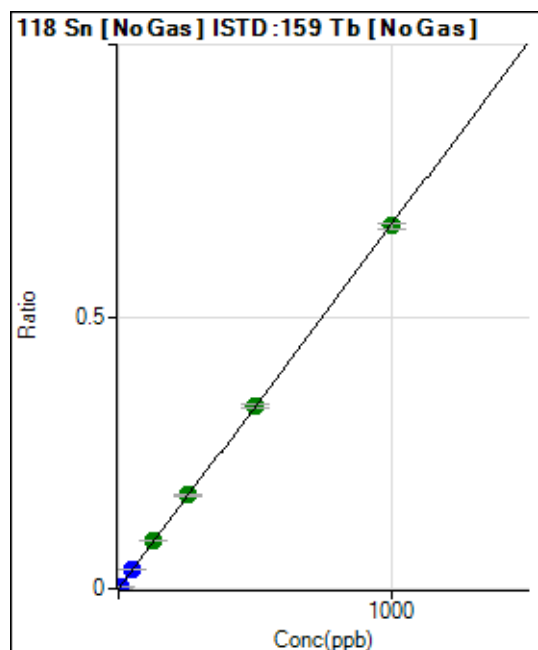
$$R = 0.9999$$

$$DL = 0.05276$$

$$BEC = 1.306$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2140.19	0.0001	P	1.1
2	☐	5.000	5.447	75360.33	0.0038	P	3.9
3	☐	50.000	50.523	696172.07	0.0339	P	0.3
4	☐	125.000	130.081	1809231.41	0.0872	A	1.0
5	☐	250.000	256.954	3567431.44	0.1722	A	1.5
6	☐	500.000	503.308	6837006.98	0.3371	A	1.8
7	☐	1000.000	995.944	13525819.66	0.6670	A	1.5
8	☐			4210.69	0.0002	P	0.7

$$y = 6.6964\text{E-}004 * x + 1.0375\text{E-}004$$

$$R = 1.0000$$

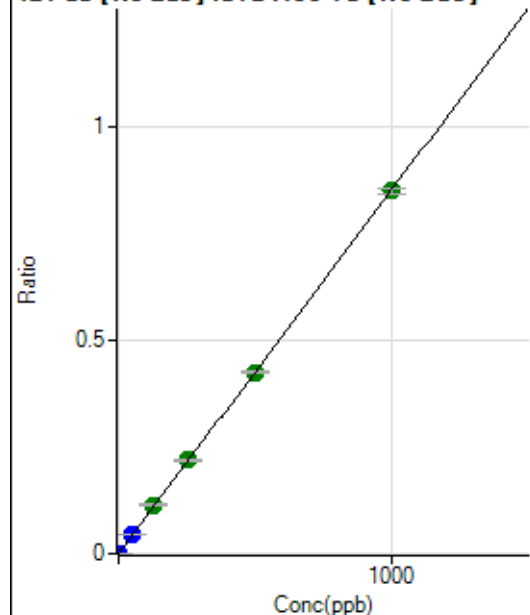
$$DL = 0.005099$$

$$BEC = 0.1549$$

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	80.00	0.0000	P	10.2
2	☐	2.000	2.132	36566.98	0.0018	P	3.7
3	☐	50.000	51.557	901162.24	0.0439	P	1.0
4	☐	125.000	134.075	2369757.28	0.1142	A	2.3
5	☐	250.000	256.662	4530859.38	0.2187	A	2.1
6	☐	500.000	498.627	8615666.82	0.4248	A	1.1
7	☐	1000.000	997.808	17238121.83	0.8501	A	1.7
8	☐			6619.44	0.0004	P	5.0

$$y = 8.5200\text{E-}004 * x + 3.8758\text{E-}006$$

$$R = 0.9999$$

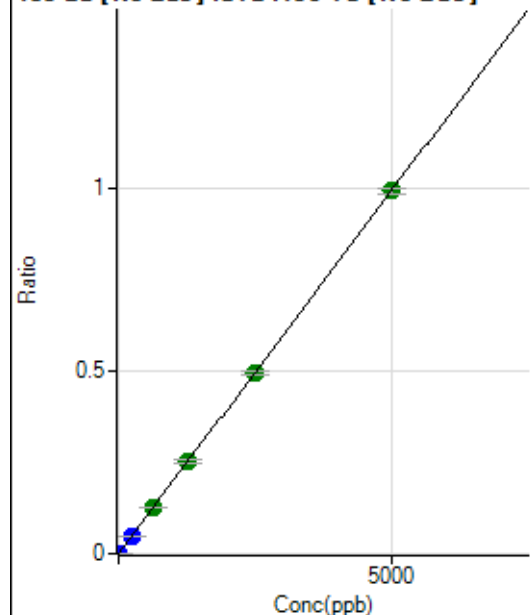
$$DL = 0.001388$$

$$BEC = 0.004549$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	201.11	0.0000	P	2.1
2	☐	10.000	10.409	41825.68	0.0021	P	4.5
3	☐	250.000	249.140	1017960.82	0.0496	P	1.3
4	☐	625.000	641.143	2649031.91	0.1277	A	1.7
5	☐	1250.000	1272.059	5248466.03	0.2533	A	2.7
6	☐	2500.000	2487.571	10046638.81	0.4954	A	1.5
7	☐	5000.000	4998.724	20186909.28	0.9955	A	1.2
8	☐			7339.84	0.0004	P	2.8

$$y = 1.9915\text{E-}004 * x + 9.7491\text{E-}006$$

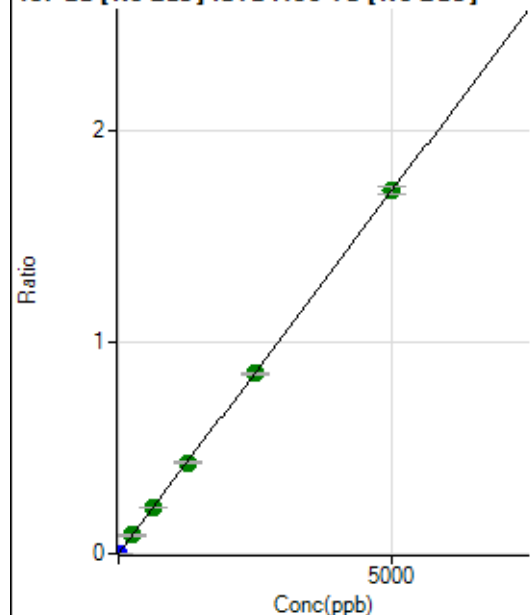
$$R = 1.0000$$

$$DL = 0.003149$$

$$BEC = 0.04895$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.23	0.0000	P	11.3
2	☐	10.000	10.587	73311.16	0.0037	P	3.8
3	☐	250.000	252.394	1777738.01	0.0867	A	2.4
4	☐	625.000	632.054	4502236.88	0.2170	A	0.5
5	☐	1250.000	1259.234	8958255.35	0.4324	A	1.9
6	☐	2500.000	2485.765	17308630.99	0.8535	A	0.7
7	☐	5000.000	5003.806	34833728.92	1.7180	A	2.1
8	☐			12708.28	0.0007	P	1.7

$$y = 3.4333\text{E-}004 * x + 1.5621\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01542$$

$$BEC = 0.0455$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

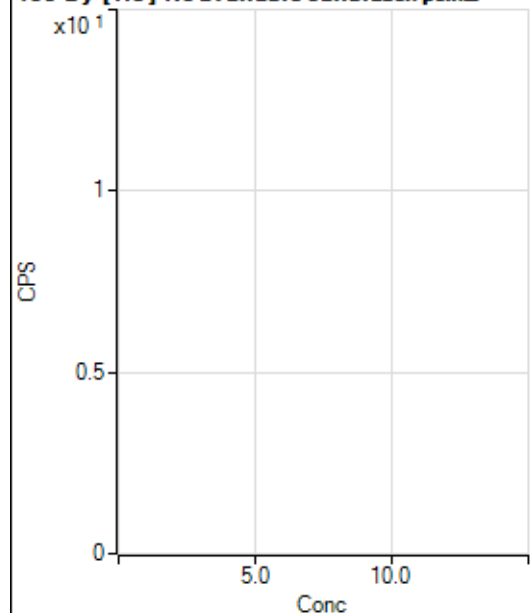
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	62.5
2	☐			22.22		P	22.9
3	☐			75.55		P	20.8
4	☐			174.45		P	12.7
5	☐			347.78		P	17.2
6	☐			583.35		P	13.5
7	☐			1161.18		P	3.3
8	☐			316.67		P	16.9

150 Nd [He] No available calibration points

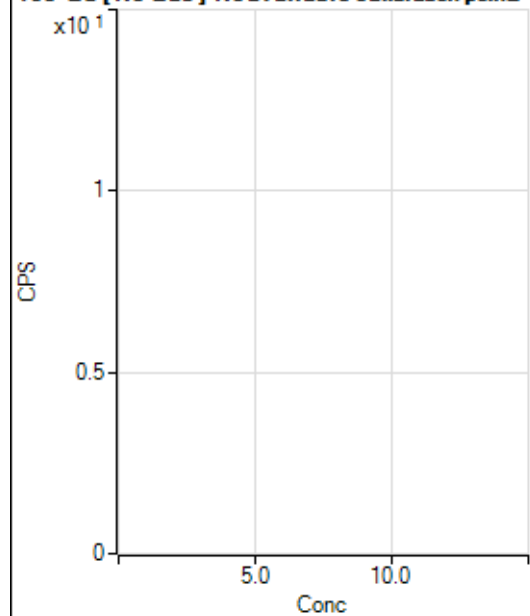
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.45		P	86.6
3	☐			2.22		P	86.6
4	☐			5.56		P	34.7
5	☐			17.78		P	57.3
6	☐			24.44		P	47.9
7	☐			48.89		P	32.2
8	☐			78.89		P	19.1

156 Dy [No Gas] No available calibration points

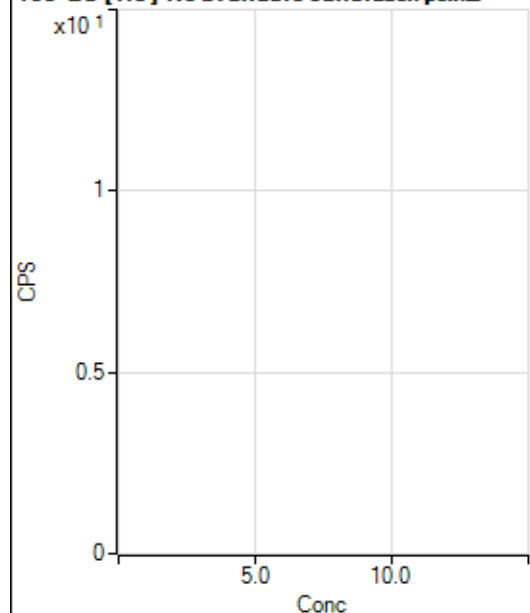
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	60.0
2	☐			22.22		P	70.9
3	☐			33.34		P	34.6
4	☐			62.22		P	58.8
5	☐			102.22		P	5.0
6	☐			170.00		P	27.2
7	☐			344.45		P	12.4
8	☐			618.91		P	9.3

156 Dy [He] No available calibration points

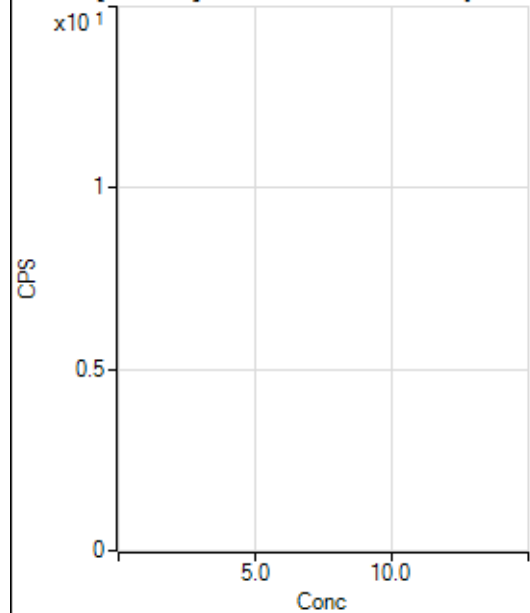
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.56		P	34.7
3	☐			10.00		P	88.2
4	☐			4.45		P	86.6
5	☐			13.33		P	66.1
6	☐			30.00		P	11.1
7	☐			51.11		P	19.9
8	☐			185.56		P	4.1

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	1.6
2	☐			115.56		P	6.0
3	☐			113.34		P	10.6
4	☐			125.56		P	6.7
5	☐			153.34		P	21.4
6	☐			176.67		P	16.1
7	☐			255.56		P	4.6
8	☐			656.69		P	3.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	19.9
2	☐			12.22		P	41.7
3	☐			28.89		P	46.6
4	☐			25.55		P	61.6
5	☐			48.89		P	10.4
6	☐			57.78		P	8.8
7	☐			83.33		P	24.3
8	☐			271.12		P	9.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	41.7
2	☐			103.33		P	24.4
3	☐			135.56		P	12.1
4	☐			146.67		P	2.3
5	☐			141.11		P	3.6
6	☐			162.23		P	25.7
7	☐			247.78		P	13.2
8	☐			766.70		P	4.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	15.4
2	☐			30.00		P	29.4
3	☐			44.44		P	22.9
4	☐			31.11		P	22.3
5	☐			42.22		P	4.6
6	☐			62.22		P	11.1
7	☐			78.89		P	16.0
8	☐			290.01		P	9.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			106.67		P	6.3
2	☐			97.78		P	7.1
3	☐			122.23		P	33.0
4	☐			115.56		P	11.7
5	☐			132.23		P	7.7
6	☐			165.56		P	8.1
7	☐			254.45		P	9.9
8	☐			892.26		P	11.6

172 Yb [He] No available calibration points

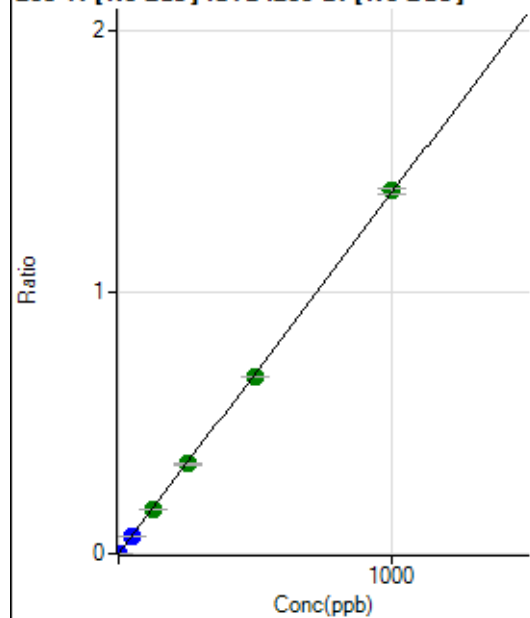
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	31.4
2	☐			37.78		P	39.8
3	☐			55.56		P	9.2
4	☐			72.22		P	37.6
5	☐			83.33		P	18.3
6	☐			75.56		P	21.8
7	☐			124.45		P	12.4
8	☐			367.79		P	6.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1907.94		P	6.4
2	☐			2003.51		P	7.2
3	☐			5759.09		P	4.9
4	☐			11476.18		P	2.1
5	☐			21305.03		P	2.3
6	☐			39345.19		P	1.2
7	☐			78411.01		P	2.2
8	☐			2425.81		P	3.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			378.90		P	8.9
2	☐			331.12		P	4.5
3	☐			1829.03		P	3.4
4	☐			3925.07		P	7.0
5	☐			7635.61		P	1.1
6	☐			14621.51		P	2.0
7	☐			29443.92		P	1.3
8	☐			584.47		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	417.79	0.0000	P	15.1
2	☐	1.000	1.000	17035.74	0.0014	P	3.4
3	☐	50.000	46.851	807119.48	0.0648	P	0.8
4	☐	125.000	123.879	2110553.53	0.1712	A	0.9
5	☐	250.000	249.579	4211300.91	0.3448	A	1.9
6	☐	500.000	489.961	8092321.20	0.6769	A	0.6
7	☐	1000.000	1005.423	16077335.32	1.3890	A	1.3
8	☐			1522.33	0.0002	P	10.5

$$y = 0.0014 * x + 3.3734E-005$$

$$R = 0.9999$$

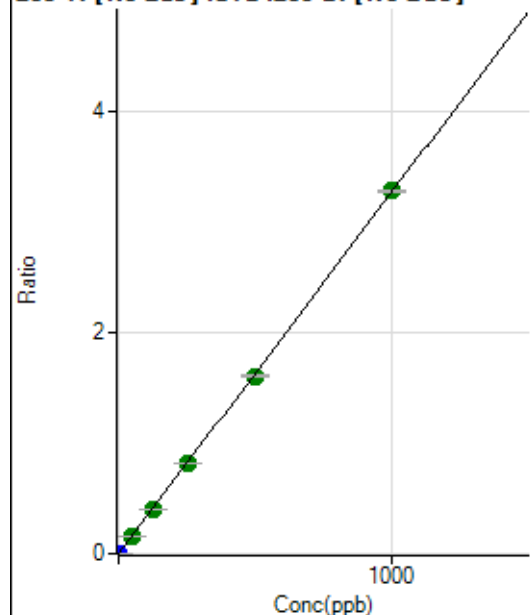
$$DL = 0.01108$$

$$BEC = 0.02442$$

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	954.49	0.0001	P	2.2
2	☐	1.000	1.001	40264.65	0.0033	P	3.3
3	☐	50.000	48.651	1979507.90	0.1588	A	1.0
4	☐	125.000	122.872	4944651.45	0.4010	A	1.9
5	☐	250.000	249.122	9928852.49	0.8129	A	1.1
6	☐	500.000	491.631	19177740.13	1.6042	A	0.8
7	☐	1000.000	1004.737	37949231.38	3.2784	A	0.7
8	☐			3514.98	0.0004	P	19.5

$$y = 0.0033 * x + 7.6999E-005$$

$$R = 0.9999$$

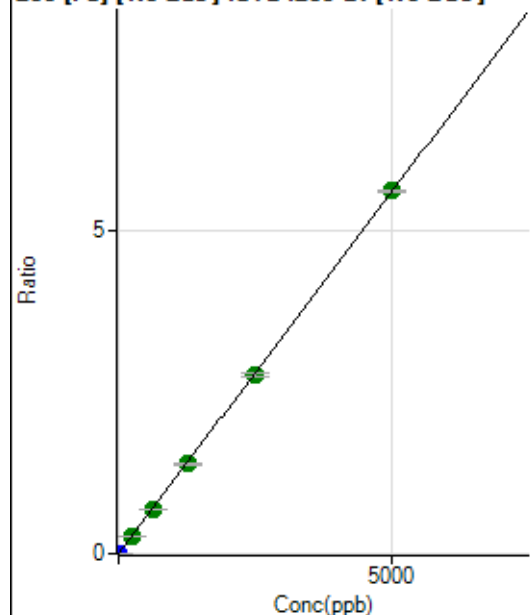
$$DL = 0.001538$$

$$BEC = 0.0236$$

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	2046.85	0.0002	P	1.6
2	☐	1.000	0.964	14976.54	0.0012	P	1.5
3	☐	250.000	242.721	3387988.35	0.2718	A	0.6
4	☐	625.000	619.644	8553711.19	0.6937	A	0.9
5	☐	1250.000	1237.962	16924937.66	1.3857	A	1.2
6	☐	2500.000	2473.126	33093523.12	2.7682	A	1.1
7	☐	5000.000	5017.480	65009432.92	5.6159	A	0.5
8	☐			11646.46	0.0012	P	7.7

$$y = 0.0011 * x + 1.6515E-004$$

$$R = 1.0000$$

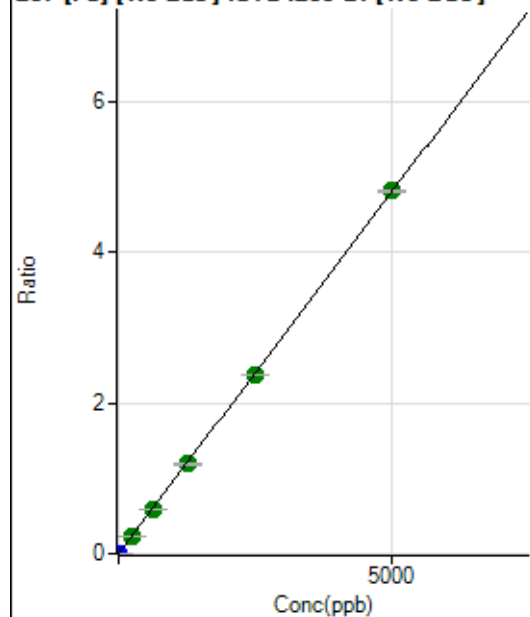
$$DL = 0.006916$$

$$BEC = 0.1476$$

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	1792.37	0.0001	P	2.8
2	☐	1.000	0.983	13092.28	0.0011	P	2.3
3	☐	250.000	245.019	2932472.53	0.2353	A	0.3
4	☐	625.000	621.837	7359830.38	0.5969	A	0.8
5	☐	1250.000	1237.024	14500213.81	1.1872	A	2.0
6	☐	2500.000	2470.891	28348505.69	2.3713	A	0.6
7	☐	5000.000	5018.443	55746364.17	4.8161	A	0.8
8	☐			9996.16	0.0010	P	5.3

$$y = 9.5964\text{E-}004 * x + 1.4464\text{E-}004$$

$$R = 1.0000$$

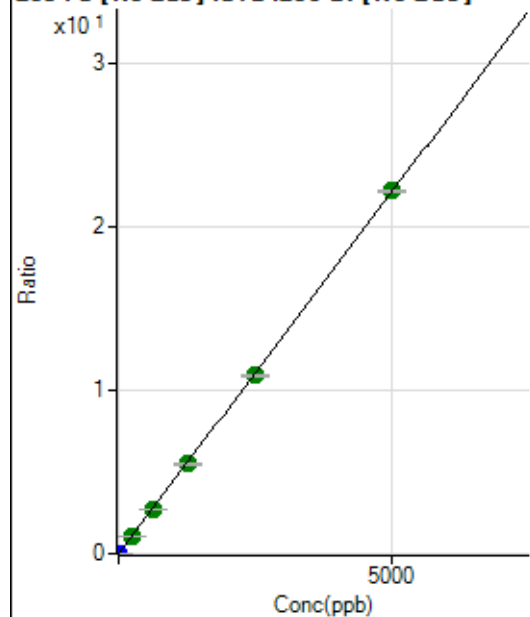
$$DL = 0.01287$$

$$BEC = 0.1507$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8145.53	0.0007	P	2.1
2	☐	1.000	0.973	59788.85	0.0050	P	2.4
3	☐	250.000	242.664	13398738.28	1.0750	A	0.3
4	☐	625.000	621.686	33946642.97	2.7530	A	0.5
5	☐	1250.000	1242.142	67173254.83	5.5000	A	1.6
6	☐	2500.000	2467.523	130608099.4	10.9251	A	0.7
7	☐	5000.000	5018.984	257222183.9	22.2212	A	0.4
8	☐			46090.34	0.0046	P	7.4

$$y = 0.0044 * x + 6.5728\text{E-}004$$

$$R = 1.0000$$

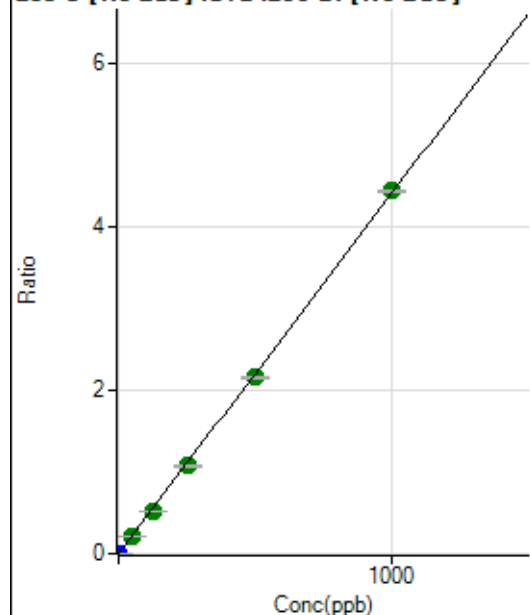
$$DL = 0.009467$$

$$BEC = 0.1485$$

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	472.24	0.0000	P	1.3
2	☐	1.000	0.936	50114.40	0.0042	P	3.3
3	☐	50.000	46.913	2578257.79	0.2069	A	1.3
4	☐	125.000	119.773	6511218.03	0.5281	A	0.7
5	☐	250.000	243.143	13092577.72	1.0720	A	1.2
6	☐	500.000	489.535	25801009.34	2.1582	A	1.0
7	☐	1000.000	1007.754	51429579.24	4.4428	A	0.5
8	☐			2668.10	0.0003	P	8.7

$$y = 0.0044 * x + 3.8101E-005$$

$$R = 0.9999$$

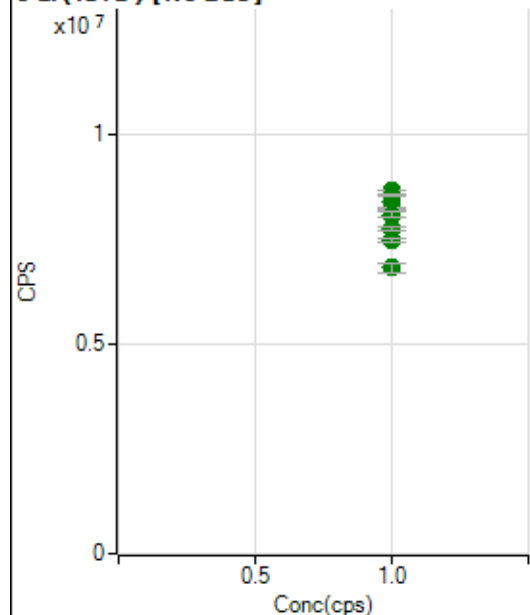
$$DL = 0.0003385$$

$$BEC = 0.008642$$

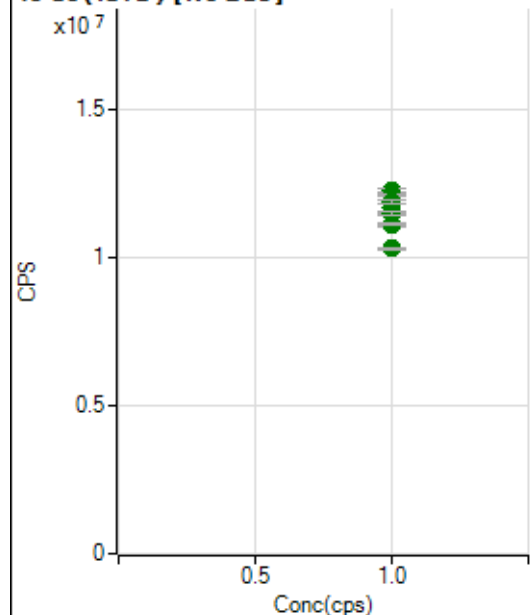
Weight: <None>

Min Conc: 0

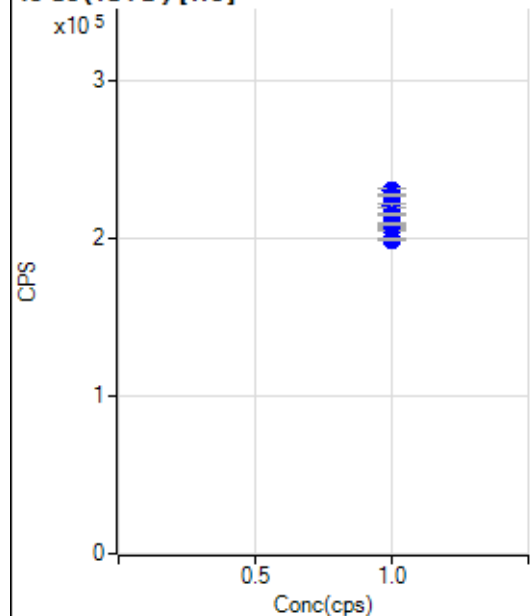
6 Li (ISTD) [No Gas]



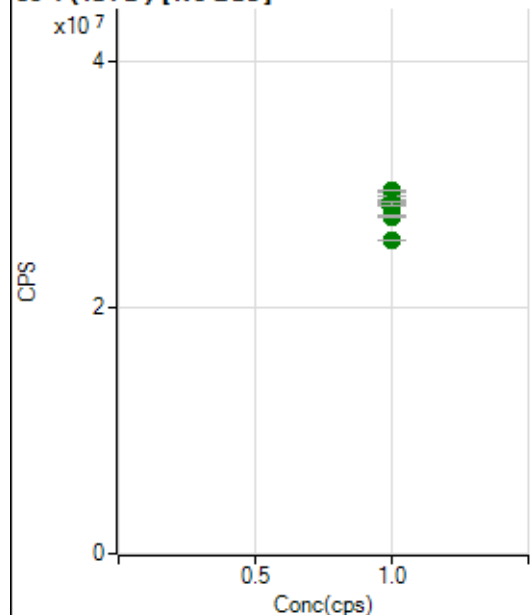
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8654783.69		A	0.1
2	☐	1.000		8411854.68		A	3.2
3	☐	1.000		8550236.86		A	0.6
4	☐	1.000		8246672.20		A	0.8
5	☐	1.000		8088949.68		A	1.6
6	☐	1.000		7762100.90		A	1.0
7	☐	1.000		7486615.85		A	1.3
8	☐	1.000		6827972.76		A	3.2

45 Sc (ISTD) [No Gas]

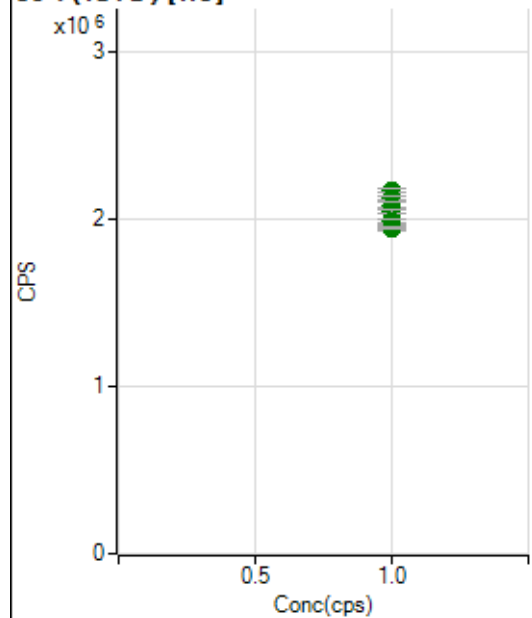
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12227423.85		A	1.2
2	☐	1.000		11682918.99		A	3.8
3	☐	1.000		12099085.52		A	0.5
4	☐	1.000		11853950.80		A	1.2
5	☐	1.000		11459678.30		A	1.1
6	☐	1.000		11083084.70		A	0.9
7	☐	1.000		11093213.45		A	0.8
8	☐	1.000		10289295.68		A	0.6

45 Sc (ISTD) [He]

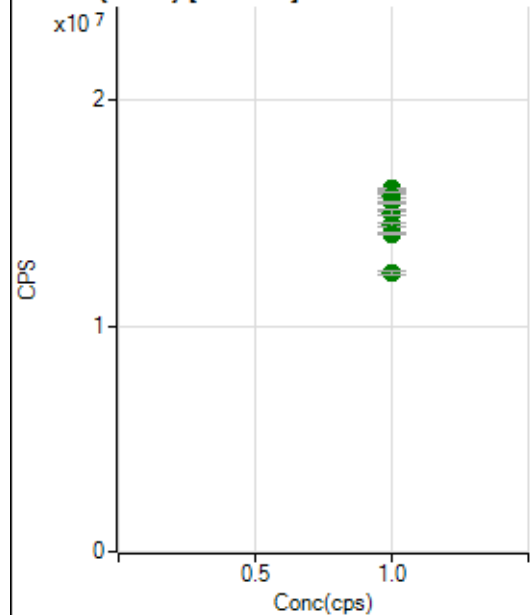
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		230427.39		P	1.2
2	☐	1.000		207190.13		P	0.9
3	☐	1.000		227757.28		P	0.3
4	☐	1.000		221164.88		P	1.0
5	☐	1.000		215365.64		P	0.3
6	☐	1.000		206212.90		P	0.5
7	☐	1.000		209266.11		P	0.2
8	☐	1.000		199374.02		P	0.4

89 Y (ISTD) [No Gas]

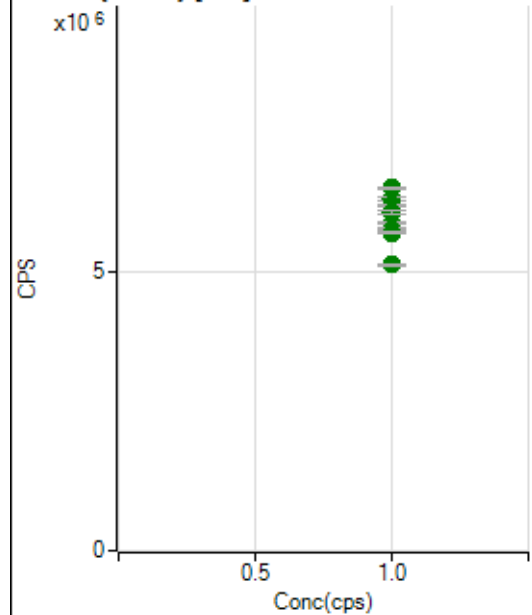
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29464769.56		A	0.4
2	☐	1.000		28135762.36		A	4.8
3	☐	1.000		29513508.17		A	0.1
4	☐	1.000		28821833.18		A	2.0
5	☐	1.000		28461172.07		A	0.9
6	☐	1.000		27526773.48		A	0.3
7	☐	1.000		27452795.70		A	0.2
8	☐	1.000		25477979.62		A	0.3

89 Y (ISTD) [He]

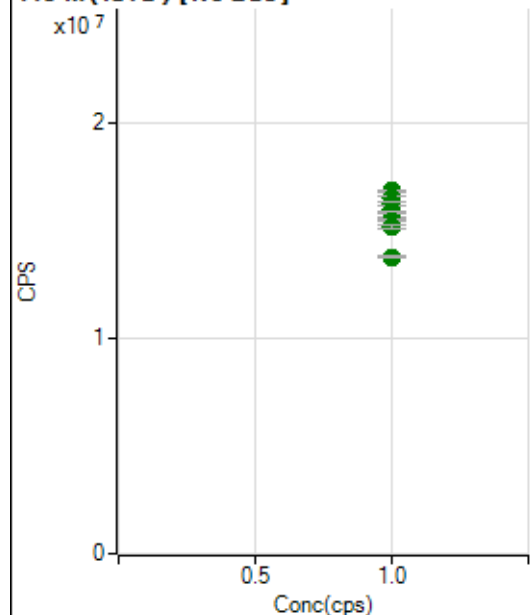
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2166308.54		A	0.9
2	☐	1.000		1936249.56		A	0.8
3	☐	1.000		2124810.49		A	0.7
4	☐	1.000		2083616.64		A	1.2
5	☐	1.000		2045263.04		A	1.0
6	☐	1.000		1966622.28		A	0.6
7	☐	1.000		1984892.76		A	1.7
8	☐	1.000		1945621.66		A	0.7

103 Rh (ISTD) [No Gas]

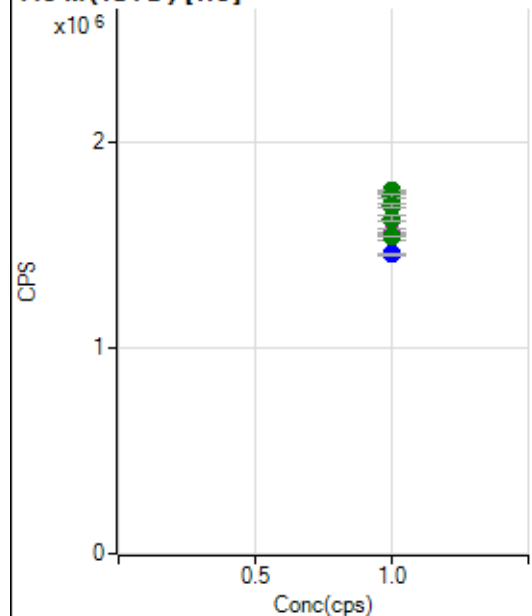
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16066521.57		A	0.8
2	☐	1.000		15493545.74		A	5.0
3	☐	1.000		15780566.57		A	1.4
4	☐	1.000		15484050.88		A	0.6
5	☐	1.000		15020551.58		A	1.4
6	☐	1.000		14487309.79		A	0.8
7	☐	1.000		14068857.01		A	0.8
8	☐	1.000		12364376.90		A	1.1

103 Rh (ISTD) [He]

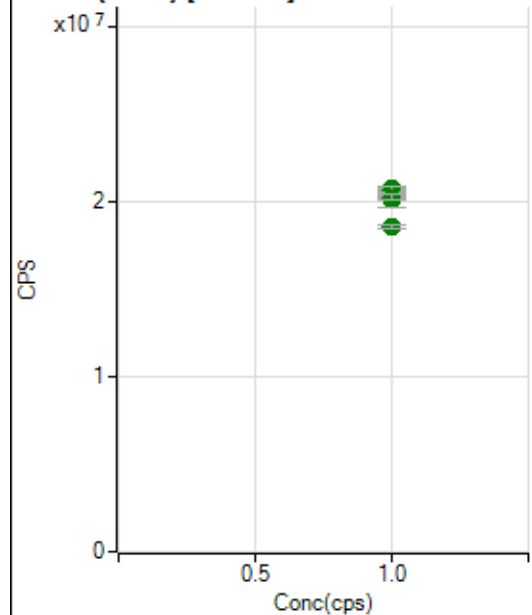
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6522239.41		A	0.6
2	☐	1.000		5888859.64		A	0.5
3	☐	1.000		6331003.79		A	1.0
4	☐	1.000		6209948.59		A	0.4
5	☐	1.000		6079331.02		A	0.8
6	☐	1.000		5788714.43		A	0.6
7	☐	1.000		5718773.11		A	0.6
8	☐	1.000		5141443.15		A	0.4

115 In (ISTD) [No Gas]

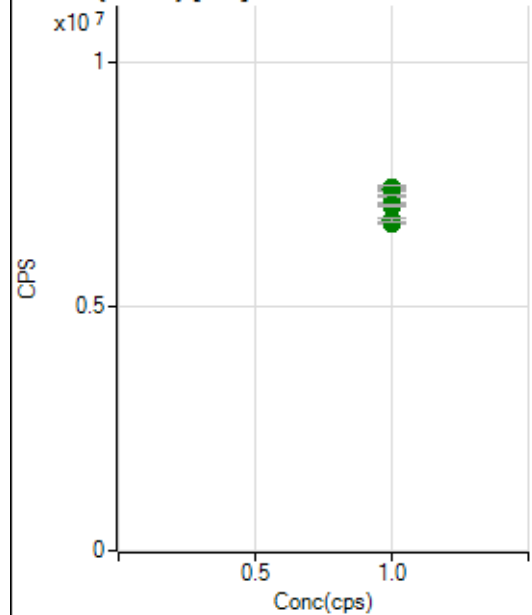
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16862638.93		A	0.3
2	☐	1.000		16025378.76		A	4.3
3	☐	1.000		16498282.26		A	1.9
4	☐	1.000		16256663.53		A	1.3
5	☐	1.000		15876626.40		A	0.4
6	☐	1.000		15505492.78		A	0.3
7	☐	1.000		15200453.15		A	1.2
8	☐	1.000		13798045.10		A	0.9

115 In (ISTD) [He]

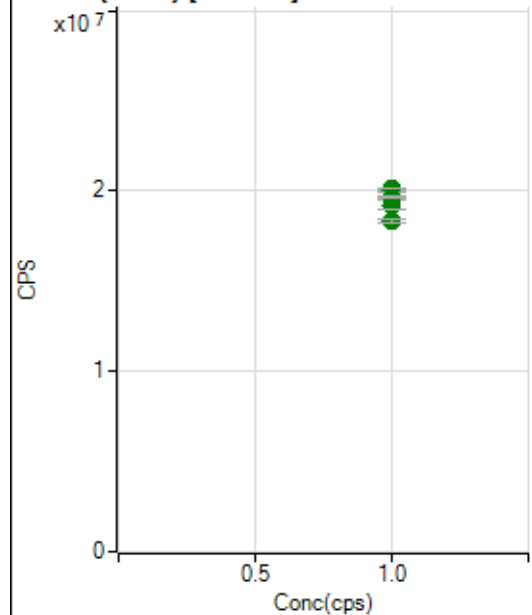
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1765284.16		A	0.5
2	☐	1.000		1566976.91		M	1.5
3	☐	1.000		1741376.13		A	1.3
4	☐	1.000		1695074.74		A	1.2
5	☐	1.000		1631219.13		A	1.4
6	☐	1.000		1543209.01		M	2.0
7	☐	1.000		1542846.24		A	0.3
8	☐	1.000		1457024.21		P	0.5

159 Tb (ISTD) [No Gas]

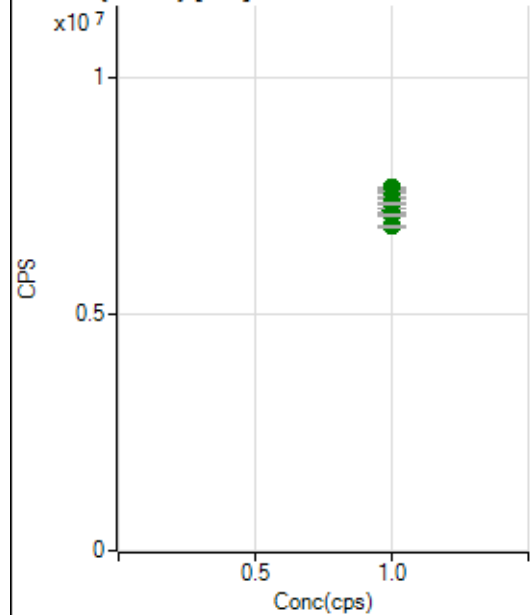
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20628298.03		A	0.9
2	☐	1.000		20080147.76		A	4.4
3	☐	1.000		20514389.83		A	1.0
4	☐	1.000		20746014.00		A	0.7
5	☐	1.000		20724224.69		A	1.8
6	☐	1.000		20280807.47		A	0.5
7	☐	1.000		20279374.84		A	1.4
8	☐	1.000		18595962.78		A	0.9

159 Tb (ISTD) [He]

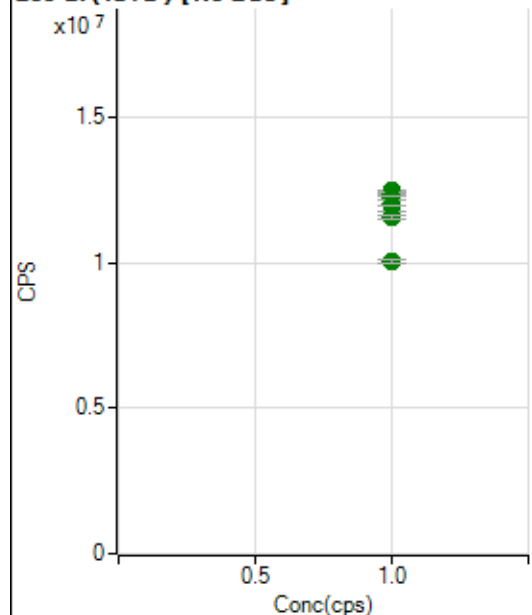
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7406738.92		A	0.3
2	☐	1.000		6702672.82		A	0.8
3	☐	1.000		7423941.21		A	0.7
4	☐	1.000		7406848.29		A	1.5
5	☐	1.000		7262234.47		A	0.5
6	☐	1.000		7082747.81		A	1.4
7	☐	1.000		7063069.76		A	0.3
8	☐	1.000		6772412.75		A	1.2

165 Ho (ISTD) [No Gas]

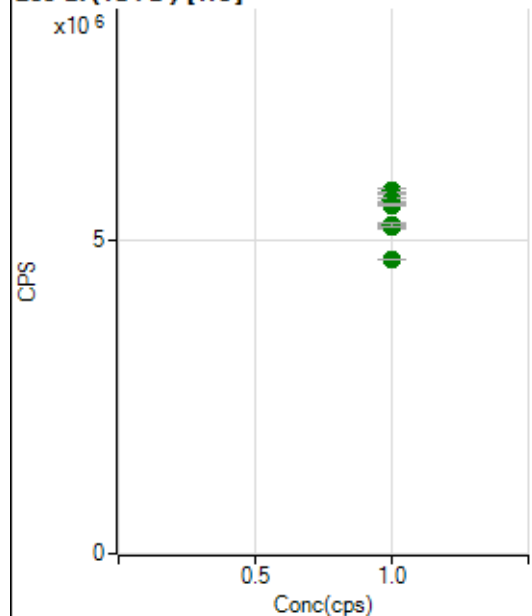
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19955792.20		A	0.4
2	☐	1.000		19228170.96		A	3.1
3	☐	1.000		20108653.31		A	0.3
4	☐	1.000		20019749.29		A	0.9
5	☐	1.000		19573177.76		A	1.2
6	☐	1.000		19546840.68		A	0.3
7	☐	1.000		19645135.96		A	0.7
8	☐	1.000		18314745.98		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7679195.72		A	0.5
2	☐	1.000		6863390.87		A	0.7
3	☐	1.000		7591529.47		A	0.5
4	☐	1.000		7597852.94		A	0.7
5	☐	1.000		7474007.04		A	0.5
6	☐	1.000		7202375.79		A	1.0
7	☐	1.000		7352082.04		A	0.9
8	☐	1.000		7113656.56		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12394371.06		A	1.0
2	☐	1.000		12035740.38		A	4.2
3	☐	1.000		12463930.65		A	0.4
4	☐	1.000		12330727.46		A	1.0
5	☐	1.000		12214755.93		A	1.1
6	☐	1.000		11954858.57		A	0.3
7	☐	1.000		11575693.16		A	1.0
8	☐	1.000		10039975.27		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5793235.95		A	1.3
2	☐	1.000		5230679.50		A	1.1
3	☐	1.000		5756690.95		A	0.9
4	☐	1.000		5648587.21		A	1.1
5	☐	1.000		5567652.14		A	0.7
6	☐	1.000		5258774.78		A	0.8
7	☐	1.000		5250515.65		A	0.8
8	☐	1.000		4691848.99		A	0.3