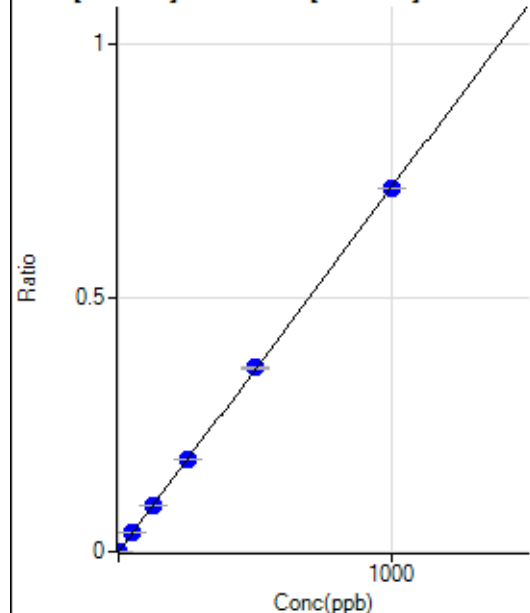


Batch Folder: D:\ICP-MS Data\P7120119MS1.b\
Analysis File: P7120119MS1.batch.bin
DA Date-Time: 2019-12-02 01:29:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-01 14:44:47
2	004CAL.S.d	S02	2019-12-01 14:48:21
3	005CAL.S.d	S03	2019-12-01 14:53:15
4	006CAL.S.d	S04	2019-12-01 14:57:25
5	007CAL.S.d	S05	2019-12-01 15:01:16
6	008CAL.S.d	S06	2019-12-01 15:05:02
7	009CAL.S.d	S07	2019-12-01 15:08:47
8	010CAL.S.d	S08	2019-12-01 15:12:33

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	40.7
2	☐	1.000	1.076	3419.00	0.0008	P	6.5
3	☐	50.000	51.702	159068.46	0.0371	P	0.2
4	☐	125.000	128.192	381271.02	0.0921	P	0.2
5	☐	250.000	254.910	731465.97	0.1830	P	0.2
6	☐	500.000	504.543	1445330.61	0.3623	P	0.4
7	☐	1000.000	996.017	2872363.11	0.7151	P	0.2
8	☐			340.75	0.0001	P	12.7

$$y = 7.1798\text{E-}004 * x + 1.6321\text{E-}005$$

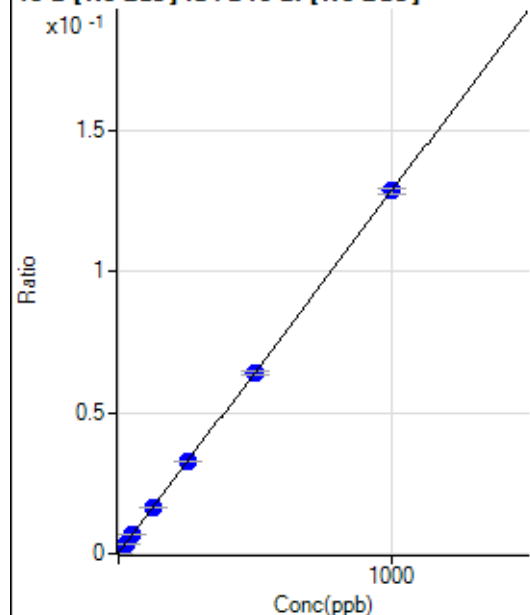
$$R = 1.0000$$

$$DL = 0.02774$$

$$BEC = 0.02273$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	866.73	0.0002	P	6.0
2	☐	25.000	24.134	14279.50	0.0033	P	1.9
3	☐	50.000	51.250	29034.31	0.0068	P	2.8
4	☐	125.000	126.271	67980.87	0.0164	P	2.6
5	☐	250.000	252.327	130301.06	0.0326	P	0.7
6	☐	500.000	497.825	255880.91	0.0641	P	1.7
7	☐	1000.000	1000.306	516839.23	0.1287	P	1.3
8	☐			10526.26	0.0025	P	9.8

$$y = 1.2844\text{E-}004 * x + 1.9586\text{E-}004$$

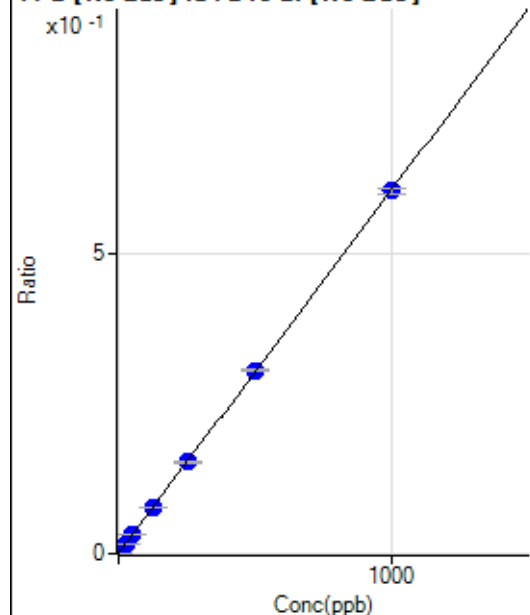
$$R = 1.0000$$

$$DL = 0.2735$$

$$BEC = 1.525$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3725.61	0.0008	P	6.4
2	☐	25.000	23.987	66748.29	0.0154	P	1.2
3	☐	50.000	50.919	136012.67	0.0318	P	1.9
4	☐	125.000	125.978	320265.79	0.0773	P	1.0
5	☐	250.000	251.124	612650.11	0.1533	P	1.1
6	☐	500.000	503.665	1223361.94	0.3066	P	1.3
7	☐	1000.000	997.744	2436434.89	0.6066	P	1.3
8	☐			49688.69	0.0120	P	10.4

$$y = 6.0713E-004 * x + 8.4188E-004$$

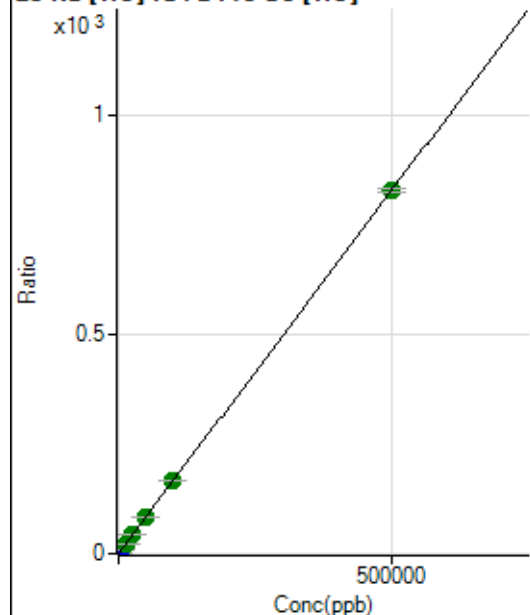
R = 1.0000

DL = 0.2649

BEC = 1.387

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17638.77	0.0405	P	2.3
2	☐	500.000	493.218	376063.15	0.8576	P	0.5
3	☐	5000.000	5116.775	3619992.57	8.5172	P	1.0
4	☐	12500.000	12846.837	8624556.53	21.3231	A	0.1
5	☐	25000.000	25719.791	16854256.97	42.6489	A	0.6
6	☐	50000.000	50818.482	34488537.58	84.2283	A	0.7
7	☐	100000.00	100877.99	70637910.61	167.1587	A	0.5
8	☐	500000.00	499696.73	369772863.82	827.8562	A	1.2

$$y = 0.0017 * x + 0.0405$$

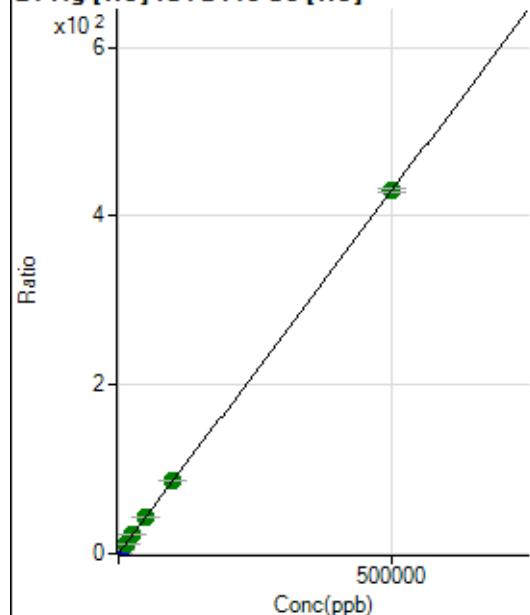
R = 1.0000

DL = 1.716

BEC = 24.47

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	258.35	0.0006	P	6.9
2	☐	500.000	522.251	197169.91	0.4496	P	1.0
3	☐	5000.000	5137.817	1877826.69	4.4182	P	0.3
4	☐	12500.000	12851.720	4469672.45	11.0507	A	0.2
5	☐	25000.000	25654.206	8717303.84	22.0584	A	0.5
6	☐	50000.000	50422.336	17751901.79	43.3544	A	1.0
7	☐	100000.00	99768.648	36250673.03	85.7831	A	0.2
8	☐	500000.00	499961.13	192018323.74	429.8741	A	1.0

$$y = 8.5981\text{E-}004 * x + 5.9375\text{E-}004$$

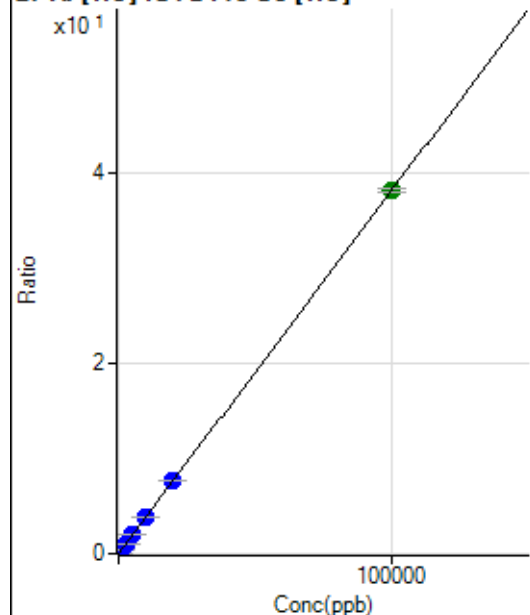
$$R = 1.0000$$

$$DL = 0.1419$$

$$BEC = 0.6906$$

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	41.67	0.0001	P	40.0
2	☐	20.000	20.037	3394.95	0.0077	P	5.7
3	☐	1000.000	1035.186	167986.13	0.3952	P	0.5
4	☐	2500.000	2580.587	398460.42	0.9851	P	0.3
5	☐	5000.000	5145.633	776222.47	1.9642	P	1.0
6	☐	10000.000	10146.534	1585938.99	3.8732	P	0.5
7	☐	20000.000	20054.178	3234933.75	7.6550	P	0.4
8	☐	100000.00	99964.863	17044212.53	38.1579	A	1.0

$$y = 3.8171\text{E-}004 * x + 9.5799\text{E-}005$$

$$R = 1.0000$$

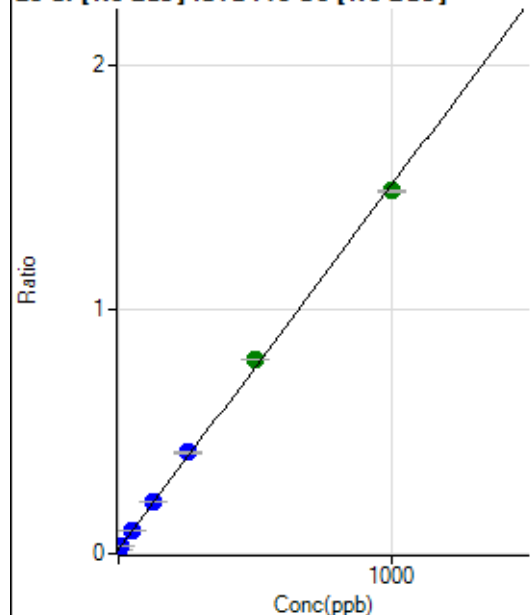
$$DL = 0.3015$$

$$BEC = 0.251$$

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	177635.70	0.0180	P	0.8
2	☐	10.000	6.842	274176.88	0.0282	P	0.7
3	☐	50.000	51.784	911225.07	0.0951	P	0.7
4	☐	125.000	130.798	1958856.64	0.2128	P	1.4
5	☐	250.000	265.425	3662869.36	0.4133	P	1.1
6	☐	500.000	522.314	7146714.92	0.7958	A	0.6
7	☐	1000.000	984.204	13584192.06	1.4837	A	0.5
8	☐			898643.74	0.0948	P	0.3

$$y = 0.0015 * x + 0.0180$$

$$R = 0.9994$$

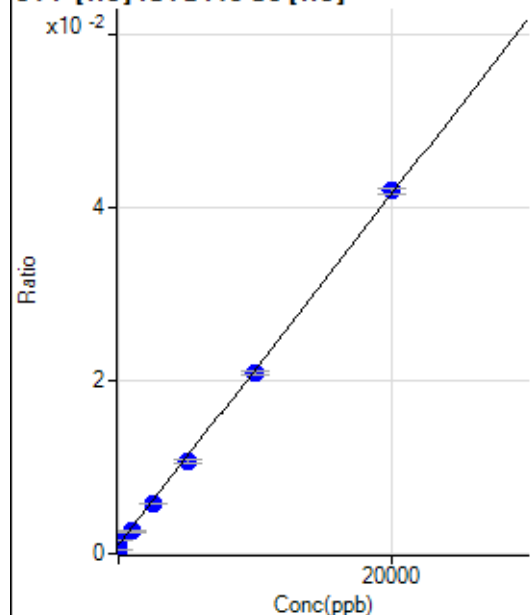
$$DL = 0.2767$$

$$BEC = 12.08$$

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	-280.015	197.23	0.0005	P	15.8
2	☐	0.000	280.015	697.27	0.0016	P	9.2
3	☐	1000.000	779.003	1105.64	0.0026	P	10.6
4	☐	2500.000	2347.470	2339.15	0.0058	P	1.1
5	☐	5000.000	4772.353	4228.56	0.0107	P	3.4
6	☐	10000.000	9807.114	8563.95	0.0209	P	2.0
7	☐	20000.000	20183.471	17733.48	0.0420	P	1.4
8	☐			277.79	0.0006	P	8.3

$$y = 2.0286E-006 * x + 0.0010$$

$$R = 0.9996$$

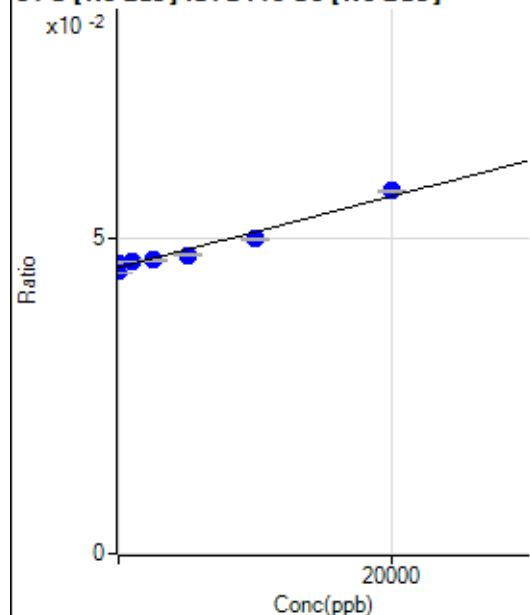
$$DL = 161.5$$

$$BEC = 503.4$$

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	-1029.843	442214.76	0.0448	P	0.8
2	☐	0.000	1029.843	447004.21	0.0459	P	0.2
3	☐	1000.000	1648.380	443431.68	0.0463	P	0.4
4	☐	2500.000	1965.571	427760.47	0.0465	P	1.1
5	☐	5000.000	3419.813	419054.62	0.0473	P	0.7
6	☐	10000.000	7911.307	447312.81	0.0498	P	0.6
7	☐	20000.000	21473.778	526109.07	0.0575	P	0.4
8	☐			405211.76	0.0427	P	1.1

$$y = 5.6413\text{E-}007 * x + 0.0453$$

$$R = 0.9846$$

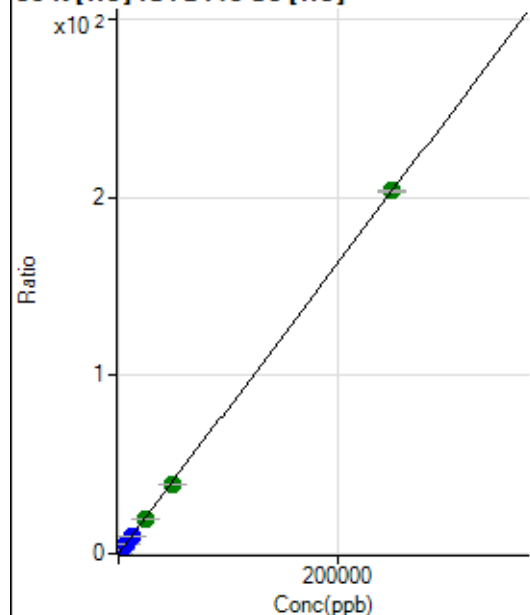
$$DL = 1243$$

$$BEC = 8.039\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19018.43	0.0437	P	3.5
2	☐	500.000	488.118	193099.10	0.4404	P	0.2
3	☐	2500.000	2433.297	859027.30	2.0211	P	1.1
4	☐	6250.000	6036.607	2001893.93	4.9494	P	0.2
5	☐	12500.000	12031.048	3881061.94	9.8208	P	0.7
6	☐	25000.000	23958.435	7990286.81	19.5136	A	0.3
7	☐	50000.000	47652.425	16383071.03	38.7686	A	0.4
8	☐	250000.00	250603.14	90989534.67	203.6972	A	0.8

$$y = 8.1265\text{E-}004 * x + 0.0437$$

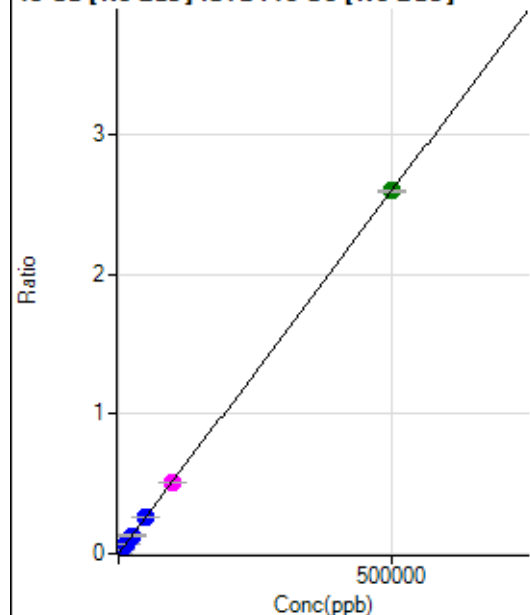
$$R = 0.9999$$

$$DL = 5.573$$

$$BEC = 53.78$$

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	302.79	0.0000	P	13.8
2	☐	500.000	497.383	25422.63	0.0026	P	1.0
3	☐	5000.000	5007.868	249350.89	0.0260	P	0.8
4	☐	12500.000	12582.324	601574.93	0.0653	P	0.4
5	☐	25000.000	25178.370	1158617.12	0.1307	P	0.3
6	☐	50000.000	49447.871	2305045.58	0.2567	P	0.6
7	☐	100000.00	98814.555	4696117.03	0.5129	M	1.1
8	☐	500000.00	500281.24	24621496.38	2.5967	A	0.8

$$y = 5.1904\text{E-}006 * x + 3.0644\text{E-}005$$

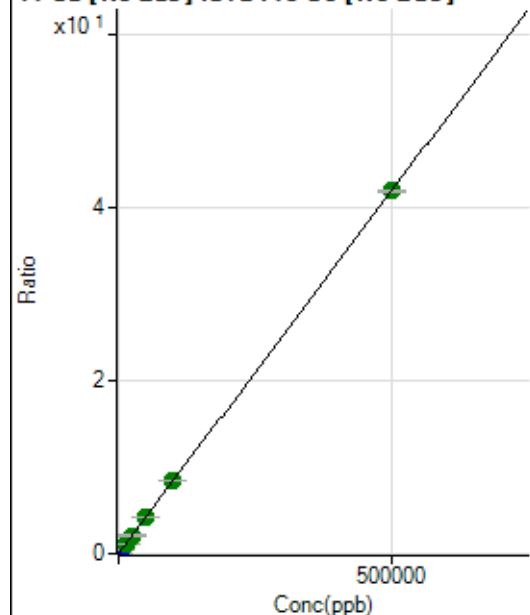
$$R = 1.0000$$

$$DL = 2.441$$

$$BEC = 5.904$$

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	12797.89	0.0013	P	3.5
2	☐	500.000	496.857	418643.38	0.0430	P	0.6
3	☐	5000.000	5021.619	4052659.42	0.4230	P	0.3
4	☐	12500.000	12539.938	9706695.70	1.0543	A	0.5
5	☐	25000.000	25135.168	18719053.37	2.1119	A	0.5
6	☐	50000.000	49883.970	37626981.40	4.1901	A	0.4
7	☐	100000.00	99468.673	76483466.99	8.3537	A	0.0
8	☐	500000.00	500109.89	398191745.01	41.9957	A	0.7

$$y = 8.3970\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

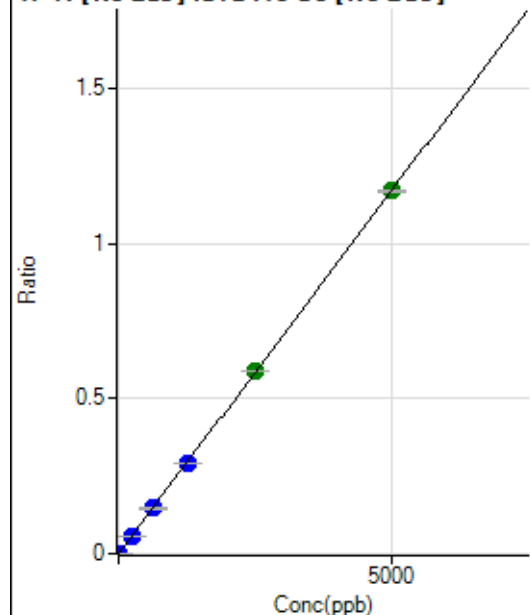
$$DL = 1.615$$

$$BEC = 15.43$$

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	102.78	0.0000	P	12.3
2	☐	5.000	4.994	11468.75	0.0012	P	1.4
3	☐	250.000	249.109	558349.30	0.0583	P	0.7
4	☐	625.000	623.669	1343041.72	0.1459	P	0.7
5	☐	1250.000	1240.183	2571018.03	0.2901	P	0.1
6	☐	2500.000	2507.518	5266606.37	0.5865	A	0.3
7	☐	5000.000	4998.906	10704338.78	1.1692	A	0.3
8	☐			2197.47	0.0002	P	7.7

$$y = 2.3388\text{E-}004 * x + 1.0404\text{E-}005$$

$$R = 1.0000$$

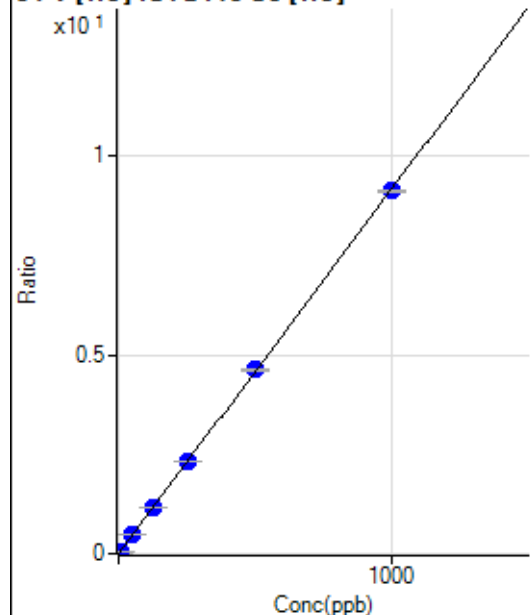
$$DL = 0.01638$$

$$BEC = 0.04448$$

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	6.67	0.0000	P	99.7
2	☐	5.000	5.357	21531.51	0.0491	P	0.9
3	☐	50.000	51.036	198759.34	0.4676	P	0.5
4	☐	125.000	127.350	471967.15	1.1669	P	0.4
5	☐	250.000	255.170	923966.61	2.3380	P	0.5
6	☐	500.000	505.178	1895306.86	4.6288	P	0.8
7	☐	1000.000	995.771	3855591.26	9.1239	P	0.6
8	☐			1342.31	0.0030	P	4.7

$$y = 0.0092 * x + 1.5338\text{E-}005$$

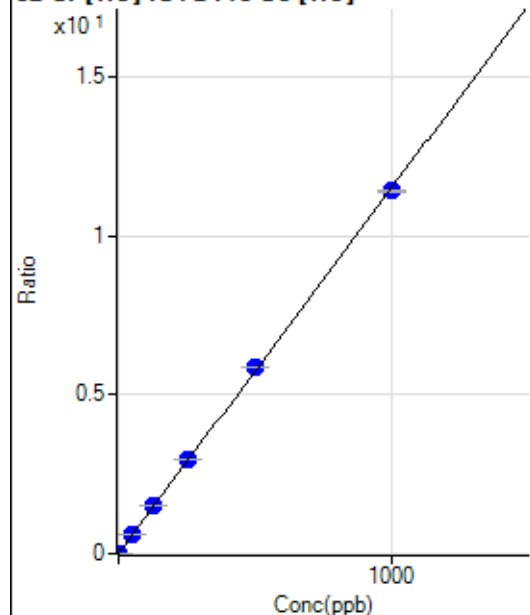
$$R = 1.0000$$

$$DL = 0.005008$$

$$BEC = 0.001674$$

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	1792.36	0.0041	P	0.2
2	☐	2.000	2.053	12146.29	0.0277	P	1.9
3	☐	50.000	51.887	255019.88	0.6000	P	0.9
4	☐	125.000	130.453	607634.26	1.5023	P	0.3
5	☐	250.000	258.249	1173679.64	2.9700	P	0.7
6	☐	500.000	509.636	2398260.97	5.8570	P	0.5
7	☐	1000.000	992.344	4817689.06	11.4006	P	0.7
8	☐			138030.84	0.3090	P	1.6

$$y = 0.0115 * x + 0.0041$$

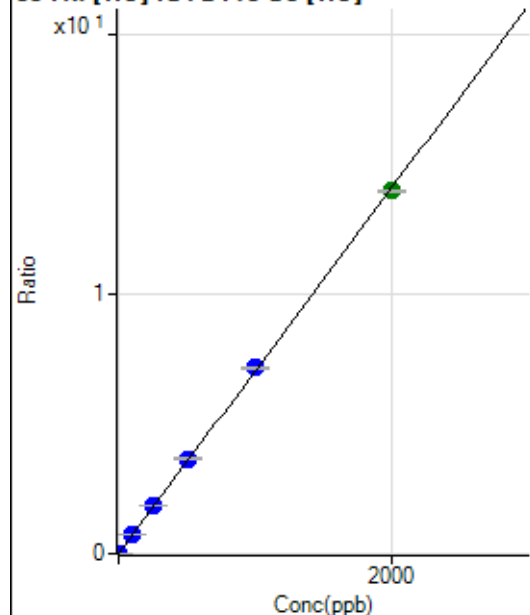
$$R = 0.9999$$

$$DL = 0.002384$$

$$BEC = 0.3586$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.78	0.0002	P	25.4
2	☐	1.000	1.102	3493.80	0.0080	P	3.7
3	☐	100.000	103.766	310801.85	0.7313	P	0.4
4	☐	250.000	261.631	745618.94	1.8435	P	0.5
5	☐	500.000	519.218	1445626.07	3.6582	P	0.9
6	☐	1000.000	1016.402	2932243.95	7.1610	P	0.3
7	☐	2000.000	1985.352	5910874.08	13.9874	A	0.5
8	☐			21841.96	0.0489	P	1.0

$$y = 0.0070 * x + 2.0154E-004$$

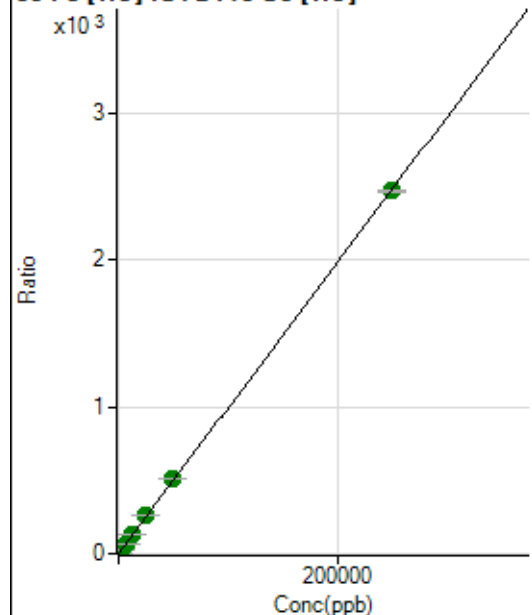
$$R = 0.9999$$

$$DL = 0.02176$$

$$BEC = 0.02861$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6190.36	0.0142	P	3.3
2	☐	50.000	56.407	251054.57	0.5725	P	0.8
3	☐	2500.000	2682.698	11291324.10	26.5664	A	0.8
4	☐	6250.000	6759.432	27065548.75	66.9160	A	0.2
5	☐	12500.000	13447.202	52602284.97	133.1085	A	0.7
6	☐	25000.000	26353.682	106809591.28	260.8510	A	0.8
7	☐	50000.000	51298.592	214566543.69	507.7444	A	0.7
8	☐	250000.00	249542.98	1103281476.5	2,469.877	A	0.7

$$y = 0.0099 * x + 0.0142$$

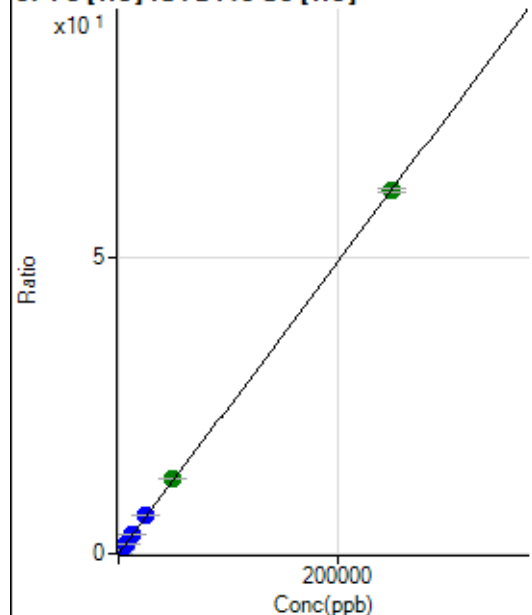
$$R = 1.0000$$

$$DL = 0.1413$$

$$BEC = 1.437$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0004	P	17.0
2	☐	50.000	57.611	6370.07	0.0145	P	4.6
3	☐	2500.000	2699.879	282059.43	0.6636	P	0.6
4	☐	6250.000	6789.551	674783.19	1.6683	P	0.3
5	☐	12500.000	13472.695	1308130.06	3.3101	P	0.5
6	☐	25000.000	26336.196	2649325.12	6.4702	P	0.8
7	☐	50000.000	51300.118	5325814.53	12.6029	A	0.4
8	☐	250000.00	249542.23	27383869.13	61.3038	A	1.0

$$y = 2.4566E-004 * x + 3.7017E-004$$

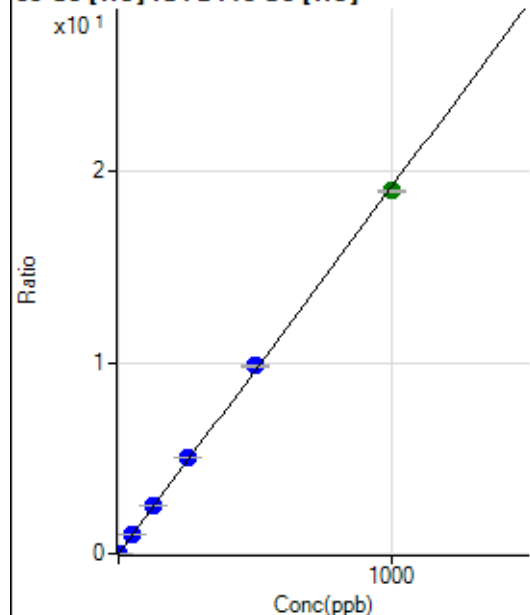
$$R = 1.0000$$

$$DL = 0.7696$$

$$BEC = 1.507$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0002	P	11.1
2	☐	1.000	1.069	9076.27	0.0207	P	1.0
3	☐	50.000	53.646	437795.33	1.0300	P	0.6
4	☐	125.000	133.552	1037093.14	2.5641	P	0.2
5	☐	250.000	263.819	2001561.39	5.0649	P	0.7
6	☐	500.000	511.537	4021148.90	9.8206	P	0.9
7	☐	1000.000	989.526	8027962.45	18.9969	A	0.4
8	☐			15824.28	0.0354	P	2.3

$$y = 0.0192 * x + 1.6588E-004$$

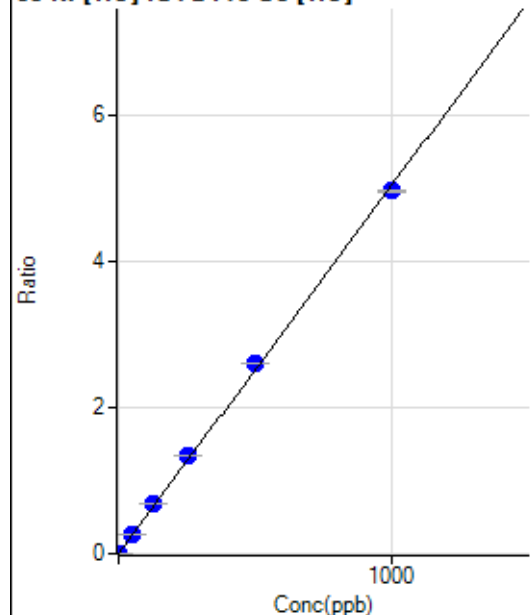
$$R = 0.9998$$

$$DL = 0.002872$$

$$BEC = 0.008641$$

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	65.56	0.0002	P	28.9
2	☐	1.000	1.087	2465.80	0.0056	P	5.0
3	☐	50.000	54.517	116701.91	0.2746	P	1.1
4	☐	125.000	135.448	275838.38	0.6820	P	0.3
5	☐	250.000	266.632	530453.19	1.3423	P	0.9
6	☐	500.000	516.654	1064989.42	2.6009	P	0.4
7	☐	1000.000	985.983	2097465.16	4.9634	P	0.6
8	☐			42540.60	0.0952	P	1.3

$$y = 0.0050 * x + 1.5065E-004$$

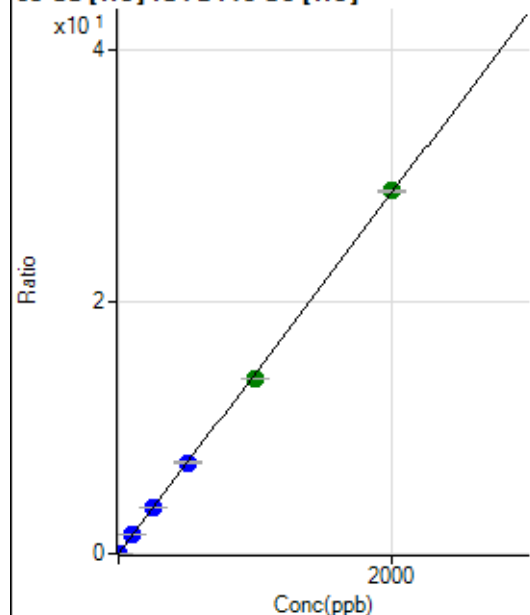
$$R = 0.9996$$

$$DL = 0.02594$$

$$BEC = 0.02993$$

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	1020.05	0.0023	P	7.0
2	☐	2.000	2.083	14125.85	0.0322	P	1.4
3	☐	100.000	103.415	631171.04	1.4850	P	0.4
4	☐	250.000	256.565	1488770.08	3.6808	P	0.3
5	☐	500.000	504.038	2856652.28	7.2288	P	1.0
6	☐	1000.000	973.009	5713172.21	13.9525	A	0.3
7	☐	2000.000	2011.494	12188082.32	28.8415	A	0.3
8	☐			19712.38	0.0441	P	0.1

$$y = 0.0143 * x + 0.0023$$

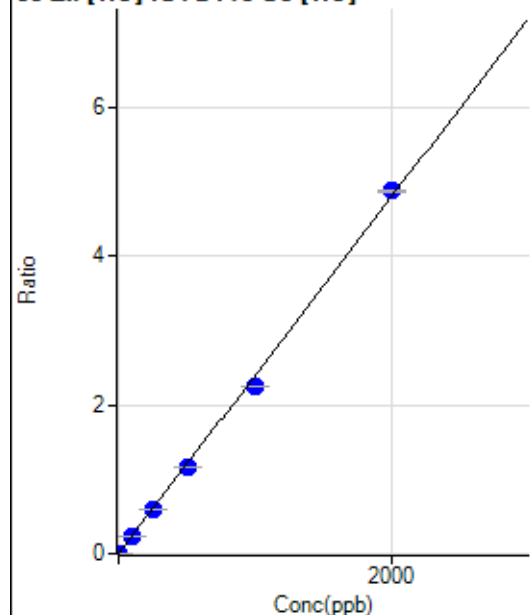
$$R = 0.9999$$

$$DL = 0.03414$$

$$BEC = 0.1635$$

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	745.59	0.0017	P	9.1
2	☐	2.000	2.357	3227.08	0.0074	P	1.2
3	☐	100.000	98.101	100597.92	0.2367	P	0.7
4	☐	250.000	247.225	240206.58	0.5939	P	0.3
5	☐	500.000	487.102	461755.28	1.1684	P	0.5
6	☐	1000.000	939.929	922566.68	2.2531	P	0.2
7	☐	2000.000	2033.701	2059202.82	4.8729	P	0.6
8	☐			24501.89	0.0548	P	0.9

$$y = 0.0024 * x + 0.0017$$

$$R = 0.9993$$

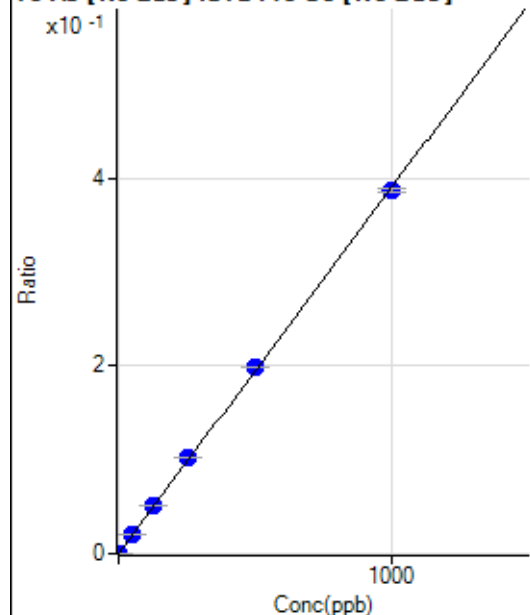
$$DL = 0.1952$$

$$BEC = 0.7154$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-2477.30	-0.0003	P	-10.
2	☐	1.000	1.023	1440.21	0.0001	P	24.0
3	☐	50.000	51.839	191142.86	0.0199	P	0.9
4	☐	125.000	131.270	468614.35	0.0509	P	1.2
5	☐	250.000	261.654	901471.67	0.1017	P	0.1
6	☐	500.000	509.343	1780001.03	0.1982	P	0.6
7	☐	1000.000	991.539	3535132.09	0.3861	P	1.0
8	☐			-1225.11	-0.0001	P	-11.

$$y = 3.8966E-004 * x - 2.5079E-004$$

$$R = 0.9999$$

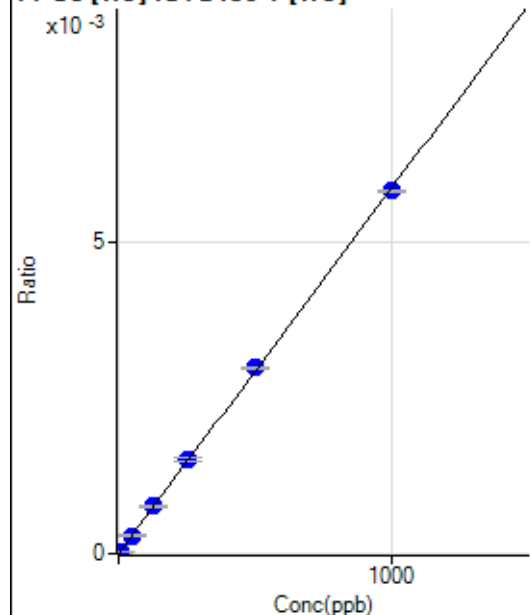
$$DL = 0.208$$

$$BEC = -0.6436$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.236	105.56	0.0000	P	25.7
3	☐	50.000	49.659	810.04	0.0003	P	5.9
4	☐	125.000	130.366	2032.39	0.0008	P	5.6
5	☐	250.000	257.116	3940.60	0.0015	P	2.8
6	☐	500.000	509.346	8027.89	0.0030	P	1.3
7	☐	1000.000	992.888	15828.86	0.0058	P	0.3
8	☐			7.78	0.0000	P	25.0

$$y = 5.8776E-006 * x + 3.8882E-007$$

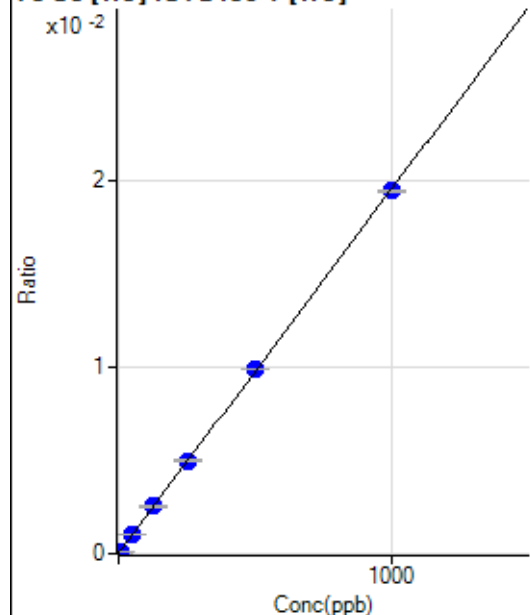
$$R = 0.9999$$

$$DL = 0.3437$$

$$BEC = 0.06615$$

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	67.90	0.0000	P	12.7
2	☐	5.000	5.639	382.72	0.0001	P	0.9
3	☐	50.000	51.891	2879.33	0.0010	P	4.2
4	☐	125.000	128.694	6735.57	0.0025	P	0.9
5	☐	250.000	254.780	13051.62	0.0050	P	0.5
6	☐	500.000	505.395	26563.85	0.0099	P	0.1
7	☐	1000.000	995.548	52867.39	0.0195	P	0.5
8	☐			105.56	0.0000	P	3.5

$$y = 1.9555\text{E-}005 * x + 2.3990\text{E-}005$$

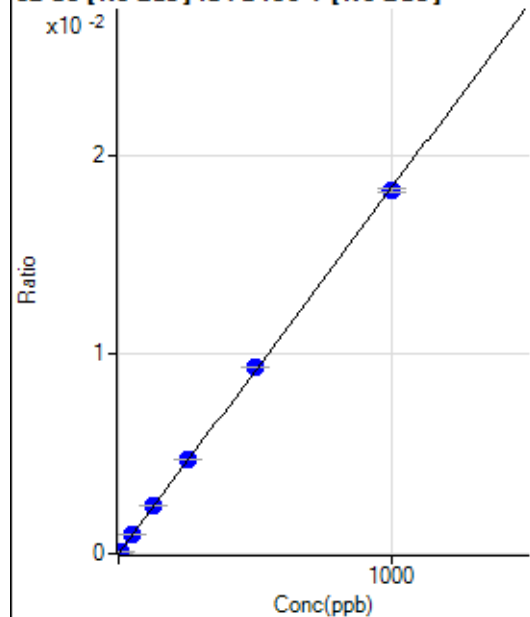
$$R = 1.0000$$

$$DL = 0.4691$$

$$BEC = 1.227$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.36	0.0000	P	132.
2	☐	5.000	5.194	1981.94	0.0001	P	10.5
3	☐	50.000	53.158	19379.40	0.0010	P	0.5
4	☐	125.000	130.417	46343.41	0.0024	P	0.4
5	☐	250.000	259.029	89352.97	0.0048	P	0.2
6	☐	500.000	509.548	177296.53	0.0094	P	0.6
7	☐	1000.000	992.132	348320.05	0.0182	P	1.0
8	☐			198.36	0.0000	P	94.6

$$y = 1.8353\text{E-}005 * x + 3.4588\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.7497$$

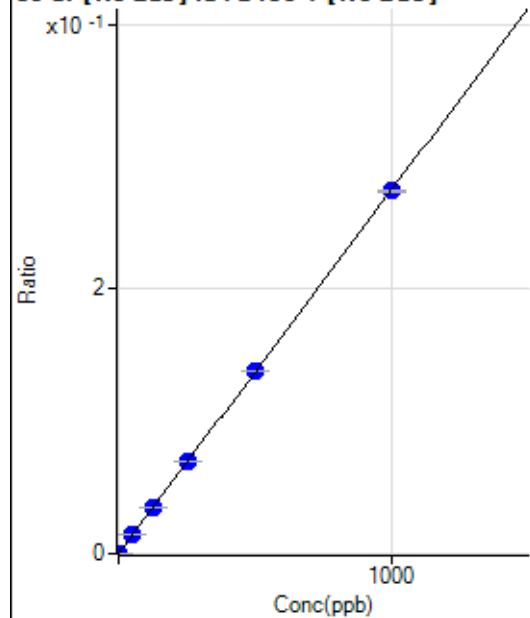
$$BEC = 0.1885$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1177.85		P	6.7
2	☐			1242.30		P	9.5
3	☐			1242.30		P	2.2
4	☐			1254.52		P	4.3
5	☐			1232.29		P	1.0
6	☐			1102.28		P	4.9
7	☐			1150.07		P	4.6
8	☐			1255.63		P	9.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1955.78	0.0001	P	11.9
2	☐	1.000	1.052	7730.17	0.0004	P	3.0
3	☐	50.000	51.243	280495.08	0.0142	P	0.5
4	☐	125.000	127.791	680488.48	0.0352	P	0.2
5	☐	250.000	255.149	1318056.02	0.0702	P	0.1
6	☐	500.000	501.573	2612779.33	0.1379	P	0.7
7	☐	1000.000	997.515	5242049.03	0.2741	P	0.5
8	☐			24176.80	0.0013	P	1.2

$$y = 2.7467E-004 * x + 9.5992E-005$$

$$R = 1.0000$$

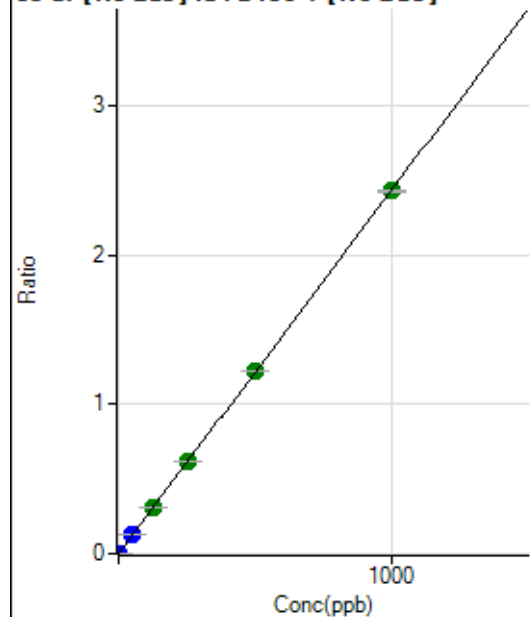
$$DL = 0.1246$$

$$BEC = 0.3495$$

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	275.01	0.0000	P	31.8
2	☐	1.000	1.044	51244.95	0.0026	P	1.1
3	☐	50.000	50.481	2429930.28	0.1228	P	0.2
4	☐	125.000	125.708	5910072.18	0.3057	A	0.2
5	☐	250.000	251.950	11506591.23	0.6126	A	0.4
6	☐	500.000	501.972	23132675.17	1.2206	A	0.6
7	☐	1000.000	998.414	46432697.22	2.4277	A	0.3
8	☐			197328.01	0.0103	P	0.2

$$y = 0.0024 * x + 1.3502E-005$$

$$R = 1.0000$$

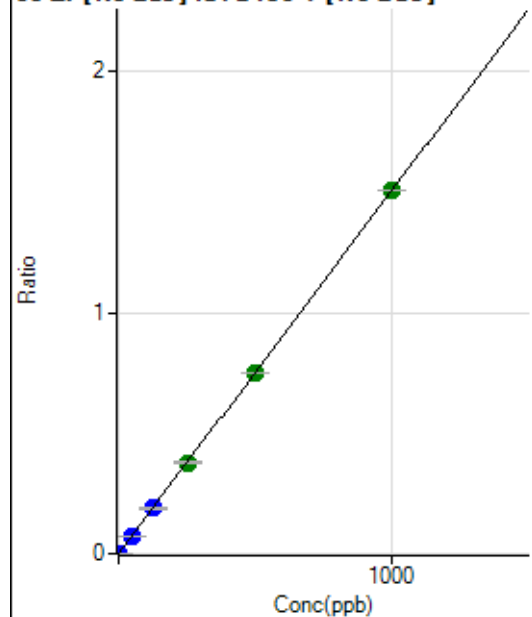
$$DL = 0.00529$$

$$BEC = 0.005553$$

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	1280.67	0.0001	P	4.8
2	☐	1.000	0.841	26664.59	0.0013	P	3.0
3	☐	50.000	49.638	1479675.68	0.0748	P	0.2
4	☐	125.000	124.654	3627708.59	0.1876	P	0.2
5	☐	250.000	250.623	7084019.17	0.3772	A	1.0
6	☐	500.000	498.952	14229693.37	0.7508	A	0.8
7	☐	1000.000	1000.430	28792696.48	1.5054	A	0.1
8	☐			7121.52	0.0004	P	2.6

$$y = 0.0015 * x + 6.2853E-005$$

$$R = 1.0000$$

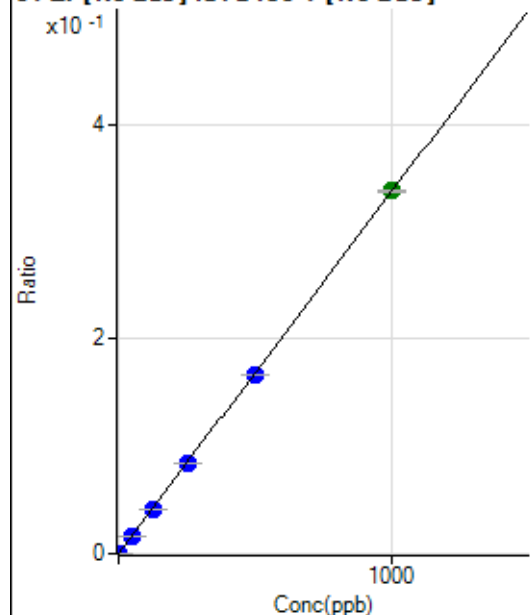
$$DL = 0.006017$$

$$BEC = 0.04177$$

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	186.12	0.0000	P	22.6
2	☐	1.000	0.851	5943.17	0.0003	P	2.7
3	☐	50.000	49.611	331163.56	0.0167	P	0.6
4	☐	125.000	124.591	812063.84	0.0420	P	0.2
5	☐	250.000	250.899	1588425.34	0.0846	P	0.8
6	☐	500.000	494.912	3161448.68	0.1668	P	0.7
7	☐	1000.000	1002.390	6461877.10	0.3379	A	0.4
8	☐			1644.61	0.0001	P	9.6

$$y = 3.3704\text{E-}004 * x + 9.1362\text{E-}006$$

$$R = 1.0000$$

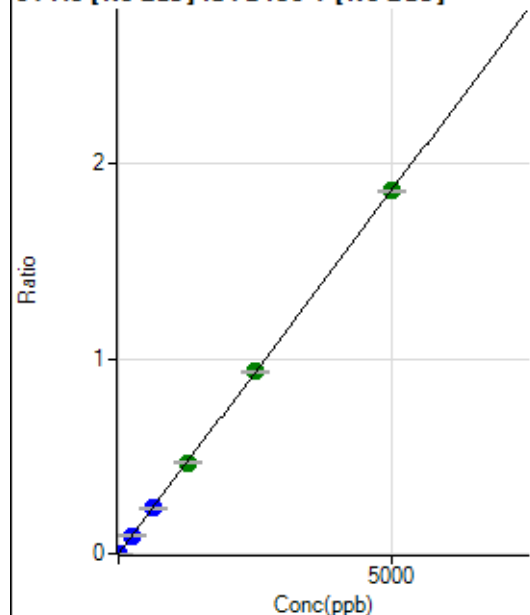
$$DL = 0.01835$$

$$BEC = 0.02711$$

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	422.25	0.0000	P	3.9
2	☐	5.000	4.855	36728.69	0.0018	P	2.0
3	☐	250.000	250.949	1851336.11	0.0935	P	0.5
4	☐	625.000	622.906	4488033.00	0.2321	P	0.5
5	☐	1250.000	1255.342	8786021.03	0.4678	A	0.7
6	☐	2500.000	2506.702	17702391.20	0.9341	A	0.9
7	☐	5000.000	4995.528	35602912.25	1.8615	A	0.4
8	☐			26439.37	0.0014	P	2.0

$$y = 3.7263\text{E-}004 * x + 2.0724\text{E-}005$$

$$R = 1.0000$$

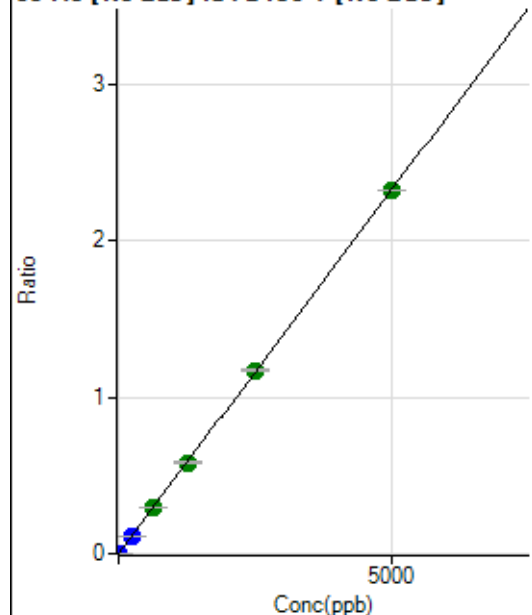
$$DL = 0.006497$$

$$BEC = 0.05562$$

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	230.57	0.0000	P	21.8
2	☐	5.000	5.059	47471.58	0.0024	P	1.1
3	☐	250.000	250.881	2309947.71	0.1167	P	0.2
4	☐	625.000	624.485	5615821.39	0.2905	A	0.8
5	☐	1250.000	1255.756	10969987.57	0.5841	A	1.0
6	☐	2500.000	2519.103	22205302.23	1.1717	A	0.7
7	☐	5000.000	4989.030	44381686.06	2.3205	A	0.1
8	☐			42375.11	0.0022	P	2.3

$$y = 4.6511\text{E-}004 * x + 1.1317\text{E-}005$$

$$R = 1.0000$$

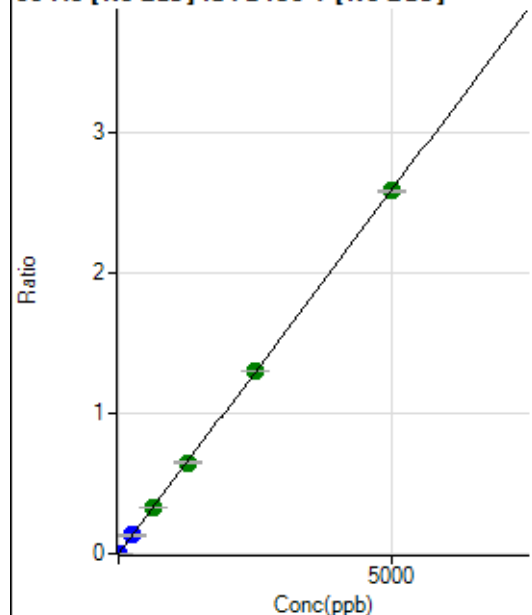
$$DL = 0.01588$$

$$BEC = 0.02433$$

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	266.68	0.0000	P	11.2
2	☐	5.000	4.938	51594.18	0.0026	P	1.0
3	☐	250.000	251.722	2580278.25	0.1304	P	0.6
4	☐	625.000	624.882	6256165.68	0.3236	A	0.5
5	☐	1250.000	1255.890	12214356.87	0.6503	A	0.8
6	☐	2500.000	2512.867	24660361.83	1.3012	A	0.8
7	☐	5000.000	4992.023	49440063.26	2.5850	A	0.3
8	☐			51580.25	0.0027	P	4.4

$$y = 5.1782\text{E-}004 * x + 1.3089\text{E-}005$$

$$R = 1.0000$$

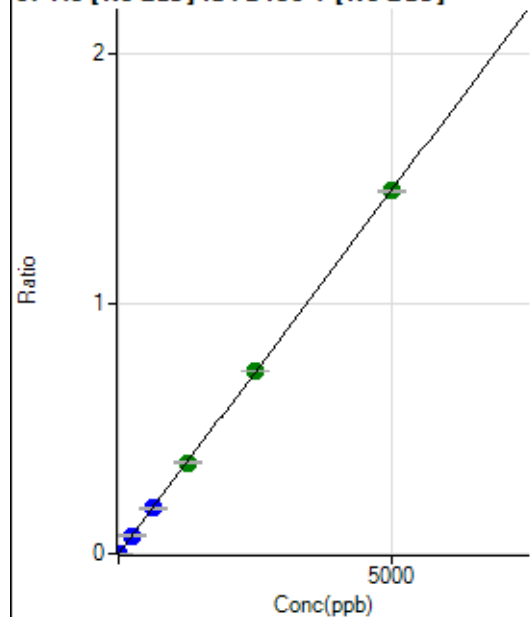
$$DL = 0.008509$$

$$BEC = 0.02528$$

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	138.89	0.0000	P	38.5
2	☐	5.000	5.041	29598.30	0.0015	P	1.2
3	☐	250.000	251.116	1447242.93	0.0731	P	0.9
4	☐	625.000	622.758	3505563.05	0.1813	P	0.8
5	☐	1250.000	1254.515	6860078.54	0.3653	A	0.8
6	☐	2500.000	2512.972	13866045.45	0.7316	A	0.8
7	☐	5000.000	4992.610	27801196.11	1.4536	A	0.4
8	☐			26364.12	0.0014	P	4.9

$$y = 2.9114\text{E-}004 * x + 6.8161\text{E-}006$$

$$R = 1.0000$$

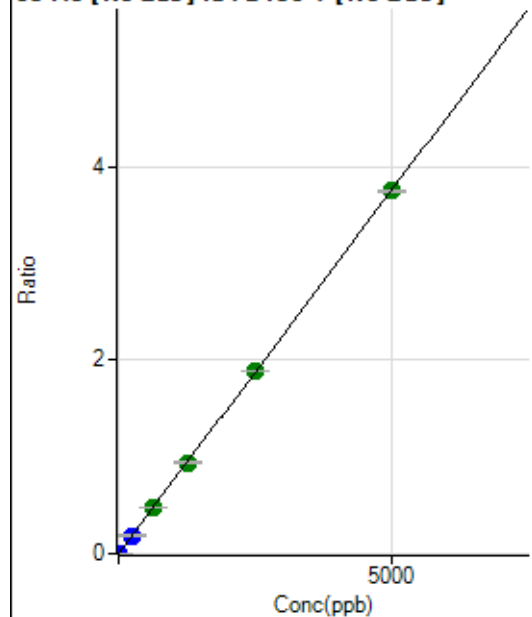
$$DL = 0.02702$$

$$BEC = 0.02341$$

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	405.58	0.0000	P	4.9
2	☐	5.000	5.062	76796.15	0.0038	P	1.1
3	☐	250.000	251.077	3736192.49	0.1888	P	0.9
4	☐	625.000	623.128	9056820.86	0.4684	A	0.3
5	☐	1250.000	1252.698	17686800.05	0.9417	A	0.9
6	☐	2500.000	2510.467	35765676.15	1.8872	A	0.4
7	☐	5000.000	4994.272	71805467.58	3.7543	A	0.3
8	☐			66031.65	0.0034	P	1.9

$$y = 7.5172\text{E-}004 * x + 1.9908\text{E-}005$$

$$R = 1.0000$$

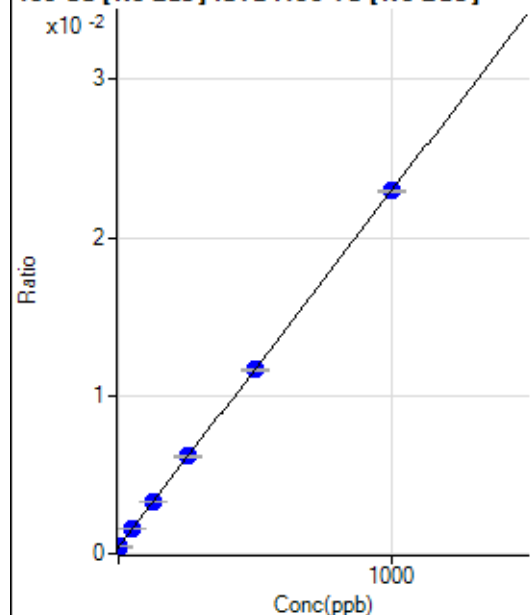
$$DL = 0.003905$$

$$BEC = 0.02648$$

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	10732.24	0.0004	P	2.0
2	☐	1.000	1.240	11210.41	0.0004	P	0.4
3	☐	50.000	52.364	40093.74	0.0016	P	0.7
4	☐	125.000	127.469	82004.08	0.0033	P	0.8
5	☐	250.000	254.017	151218.20	0.0061	P	1.5
6	☐	500.000	497.759	288438.42	0.0116	P	0.6
7	☐	1000.000	999.689	568614.69	0.0229	P	0.7
8	☐			9842.70	0.0004	P	2.4

$$y = 2.2534\text{E-}005 * x + 4.1884\text{E-}004$$

$$R = 1.0000$$

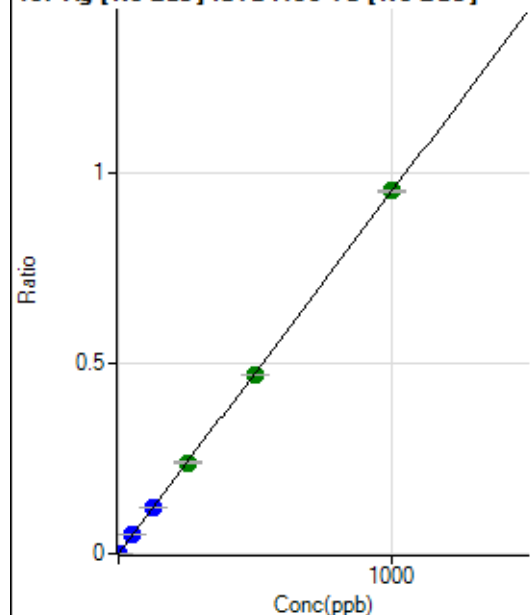
$$DL = 1.135$$

$$BEC = 18.59$$

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	250.01	0.0000	P	9.3
2	☐	1.000	0.849	20523.90	0.0008	P	1.4
3	☐	50.000	52.992	1265272.80	0.0505	P	0.9
4	☐	125.000	128.499	3048095.34	0.1223	P	0.3
5	☐	250.000	252.026	5906422.48	0.2399	A	0.5
6	☐	500.000	493.008	11634656.42	0.4693	A	0.5
7	☐	1000.000	1002.402	23646795.67	0.9542	A	0.8
8	☐			2553.10	0.0001	P	3.4

$$y = 9.5194\text{E-}004 * x + 9.7591\text{E-}006$$

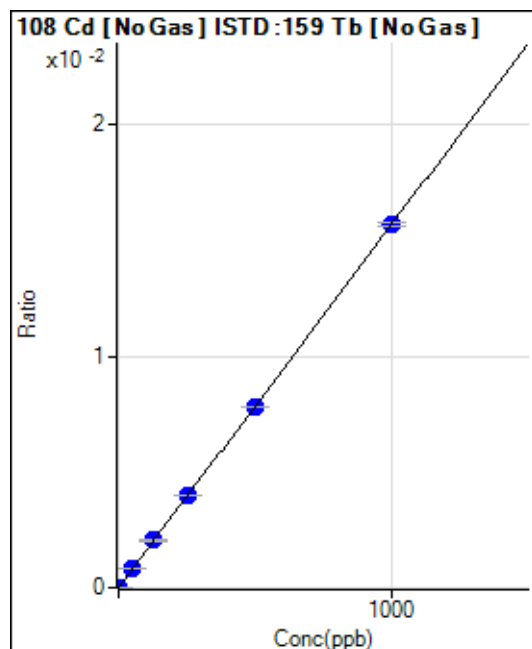
$$R = 1.0000$$

$$DL = 0.002848$$

$$BEC = 0.01025$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.05	0.0000	P	30.8
2	☐	1.000	0.970	423.63	0.0000	P	5.0
3	☐	50.000	52.740	20772.46	0.0008	P	1.9
4	☐	125.000	130.083	50842.44	0.0020	P	0.7
5	☐	250.000	254.619	98288.04	0.0040	P	0.6
6	☐	500.000	497.297	193272.18	0.0078	P	0.2
7	☐	1000.000	999.425	388225.19	0.0157	P	1.0
8	☐			105.56	0.0000	P	2.1

$$y = 1.5674\text{E-}005 * x + 1.6789\text{E-}006$$

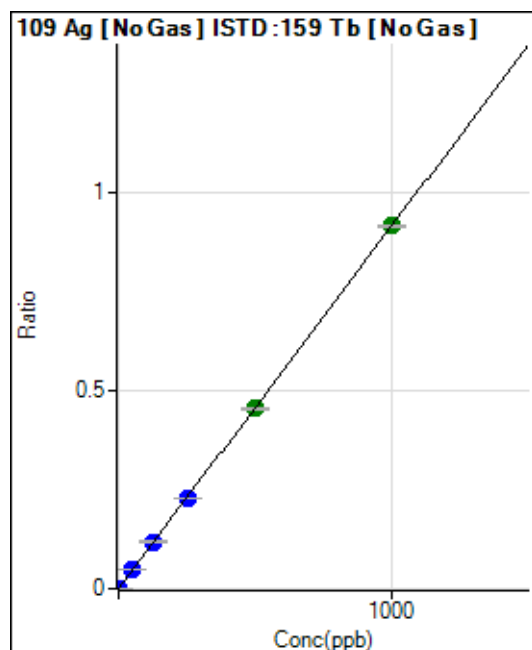
$$R = 1.0000$$

$$DL = 0.09882$$

$$BEC = 0.1071$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.90	0.0000	P	15.0
2	☐	1.000	0.872	20090.09	0.0008	P	2.1
3	☐	50.000	53.297	1220358.48	0.0487	P	0.6
4	☐	125.000	129.985	2957073.42	0.1187	P	0.2
5	☐	250.000	248.422	5583681.90	0.2268	P	0.2
6	☐	500.000	497.193	11253256.24	0.4539	A	0.5
7	☐	1000.000	1001.010	22648373.94	0.9139	A	0.5
8	☐			2250.29	0.0001	P	5.9

$$y = 9.1300\text{E-}004 * x + 4.4438\text{E-}006$$

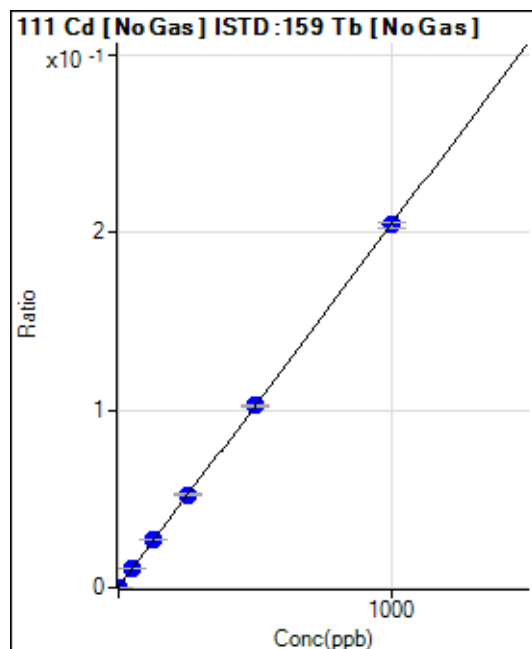
$$R = 1.0000$$

$$DL = 0.002195$$

$$BEC = 0.004867$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7546.32	0.0003	P	2.3
2	☐	1.000	1.092	12981.06	0.0005	P	1.4
3	☐	50.000	53.382	280578.89	0.0112	P	0.5
4	☐	125.000	130.828	672584.64	0.0270	P	0.2
5	☐	250.000	254.849	1287609.21	0.0523	P	0.8
6	☐	500.000	499.398	2533876.32	0.1022	P	0.9
7	☐	1000.000	998.191	5055126.36	0.2040	P	1.7
8	☐			7742.44	0.0003	P	2.4

$$y = 2.0408\text{E-}004 * x + 2.9451\text{E-}004$$

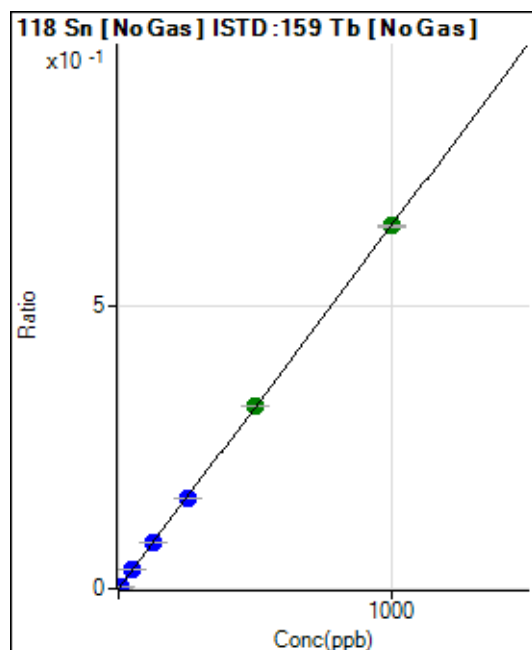
$$R = 1.0000$$

$$DL = 0.1005$$

$$BEC = 1.443$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2021.15	0.0001	P	34.6
2	☐	5.000	5.161	85146.98	0.0034	P	1.8
3	☐	50.000	51.274	827717.95	0.0330	P	0.5
4	☐	125.000	126.876	2032092.93	0.0816	P	0.7
5	☐	250.000	249.148	3940854.34	0.1601	P	0.3
6	☐	500.000	501.484	7985772.05	0.3221	A	0.3
7	☐	1000.000	999.172	15903167.54	0.6417	A	0.7
8	☐			9119.97	0.0004	P	2.1

$$y = 6.4220\text{E-}004 * x + 7.8842\text{E-}005$$

$$R = 1.0000$$

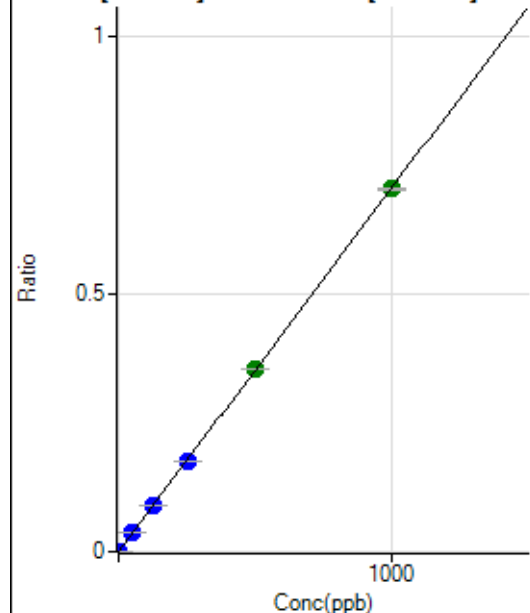
$$DL = 0.1274$$

$$BEC = 0.1228$$

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	100.00	0.0000	P	57.4
2	☐	2.000	2.041	36214.39	0.0014	P	1.6
3	☐	50.000	50.630	895662.04	0.0357	P	0.3
4	☐	125.000	126.634	2225671.47	0.0893	P	0.2
5	☐	250.000	249.342	4329858.87	0.1759	P	0.5
6	☐	500.000	503.322	8801341.25	0.3550	A	0.5
7	☐	1000.000	998.268	17449403.00	0.7041	A	0.8
8	☐			16182.17	0.0007	P	6.3

$$y = 7.0536E-004 * x + 3.8981E-006$$

$$R = 1.0000$$

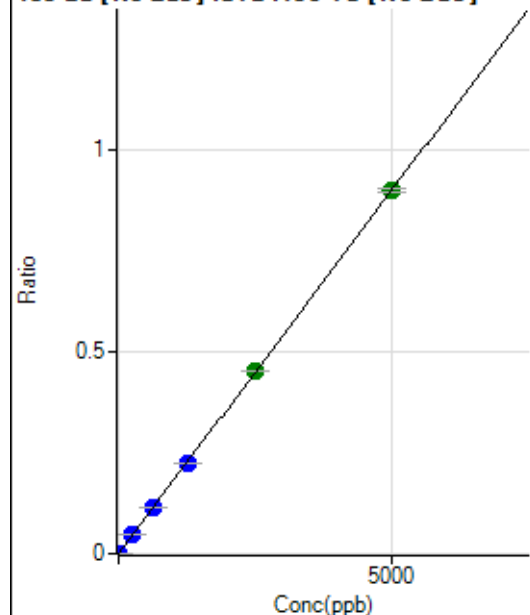
$$DL = 0.009516$$

$$BEC = 0.005526$$

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	55.56	0.0000	P	45.8
2	☐	10.000	10.310	46528.79	0.0019	P	0.3
3	☐	250.000	255.226	1149817.06	0.0459	P	0.4
4	☐	625.000	633.540	2835775.00	0.1138	P	0.2
5	☐	1250.000	1241.978	5492595.35	0.2231	P	0.4
6	☐	2500.000	2507.484	11166858.58	0.4505	A	0.3
7	☐	5000.000	4996.934	22244215.43	0.8977	A	1.2
8	☐			3647.87	0.0002	P	6.2

$$y = 1.7964E-004 * x + 2.1683E-006$$

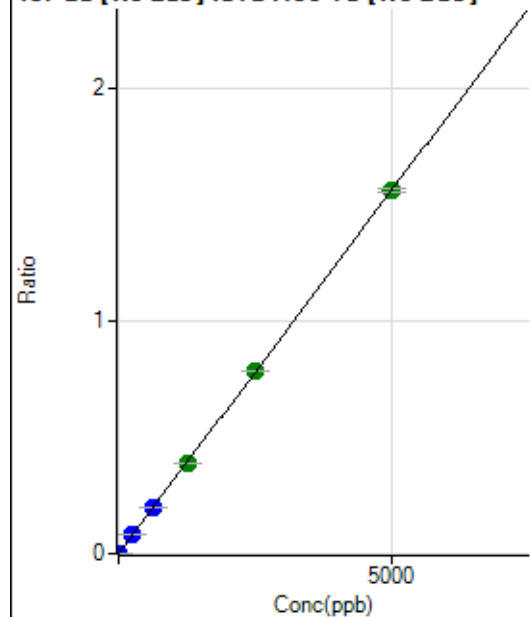
$$R = 1.0000$$

$$DL = 0.01657$$

$$BEC = 0.01207$$

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	116.67	0.0000	P	36.1
2	☐	10.000	10.422	81910.61	0.0033	P	0.7
3	☐	250.000	256.256	2010085.20	0.0802	P	0.4
4	☐	625.000	632.412	4928702.20	0.1978	P	0.1
5	☐	1250.000	1252.088	9641212.63	0.3916	A	0.3
6	☐	2500.000	2507.682	19444774.74	0.7844	A	0.4
7	☐	5000.000	4994.397	38711342.53	1.5622	A	0.9
8	☐			6518.51	0.0003	P	1.1

$$y = 3.1278\text{E-}004 * x + 4.5563\text{E-}006$$

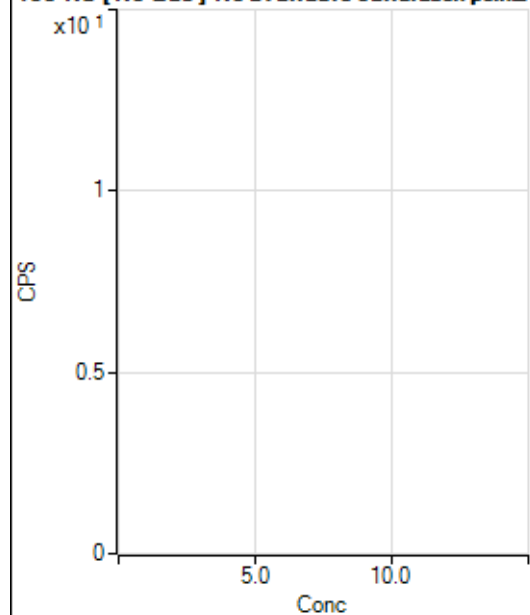
$$R = 1.0000$$

$$DL = 0.01576$$

$$BEC = 0.01457$$

Weight: <None>

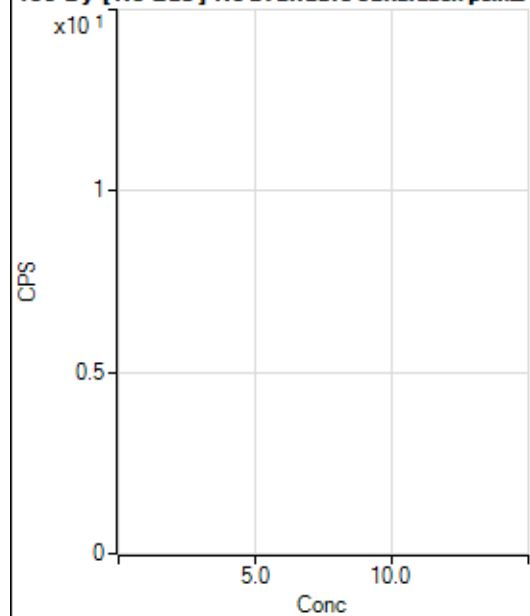
Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	124.
2	☐			22.22		P	45.8
3	☐			117.78		P	34.1
4	☐			251.12		P	17.7
5	☐			488.92		P	17.5
6	☐			902.28		P	4.5
7	☐			1777.96		P	9.6
8	☐			188.90		P	10.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			11.11		P	75.5
3	☐			10.00		P	33.3
4	☐			31.11		P	37.6
5	☐			37.78		P	13.5
6	☐			98.89		P	3.9
7	☐			160.00		P	12.5
8	☐			87.78		P	19.5

156 Dy [No Gas] No available calibration points

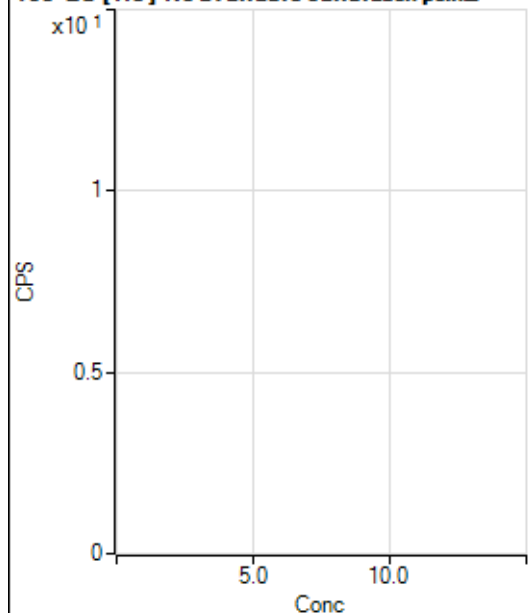
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	28.7
2	☐			44.44		P	21.7
3	☐			66.67		P	45.1
4	☐			97.23		P	42.3
5	☐			169.45		P	24.8
6	☐			230.57		P	34.4
7	☐			380.58		P	5.5
8	☐			166.68		P	18.0

156 Dy [He] No available calibration points

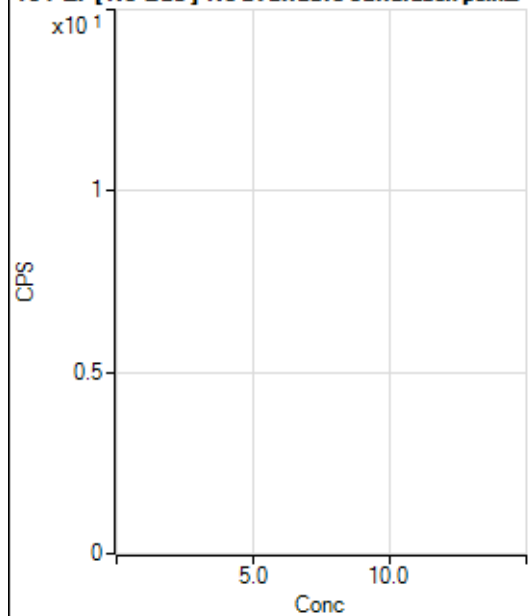
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	6.9
2	☐			25.56		P	37.7
3	☐			45.55		P	8.5
4	☐			76.67		P	15.1
5	☐			137.78		P	1.4
6	☐			210.01		P	12.4
7	☐			466.68		P	3.6
8	☐			71.11		P	23.1

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			236.13		P	36.7
2	☐			261.12		P	4.9
3	☐			269.46		P	31.0
4	☐			283.35		P	31.8
5	☐			294.46		P	32.8
6	☐			350.02		P	14.9
7	☐			375.02		P	8.0
8	☐			291.68		P	13.1

160 Gd [He] No available calibration points

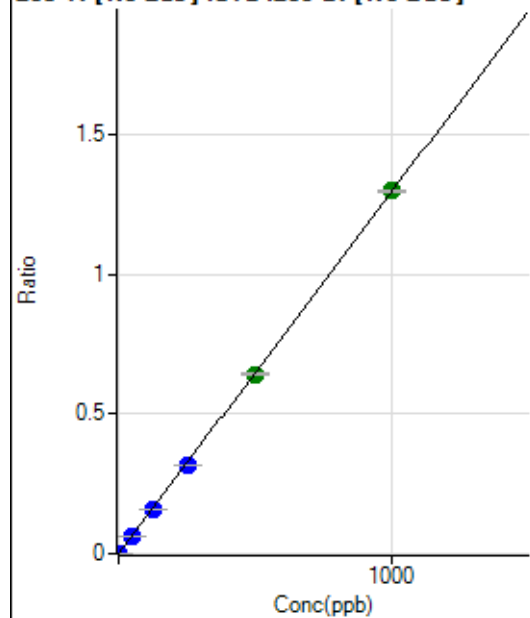
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			395.57		P	7.2
2	☐			400.01		P	9.6
3	☐			412.24		P	19.0
4	☐			427.79		P	9.0
5	☐			385.57		P	11.0
6	☐			450.01		P	2.7
7	☐			491.13		P	5.5
8	☐			438.91		P	6.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.89		P	25.7
2	☐			119.45		P	14.5
3	☐			141.67		P	5.9
4	☐			158.34		P	9.1
5	☐			161.12		P	20.9
6	☐			213.90		P	20.0
7	☐			238.90		P	14.1
8	☐			180.56		P	11.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			86.67		P	27.7
2	☐			85.56		P	29.2
3	☐			81.11		P	28.0
4	☐			87.78		P	17.1
5	☐			103.34		P	3.2
6	☐			103.34		P	11.6
7	☐			138.89		P	16.3
8	☐			101.12		P	20.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	905.62	0.0001	P	4.2
2	☐	1.000	0.964	21673.95	0.0013	P	1.8
3	☐	50.000	48.586	1040150.06	0.0630	P	0.6
4	☐	125.000	123.332	2613925.45	0.1598	P	0.4
5	☐	250.000	243.694	5072727.59	0.3158	P	1.2
6	☐	500.000	497.177	10296504.22	0.6442	A	0.2
7	☐	1000.000	1003.267	20101615.90	1.2999	A	0.7
8	☐			3597.88	0.0003	P	4.5

$$y = 0.0013 * x + 5.3115E-005$$

$$R = 1.0000$$

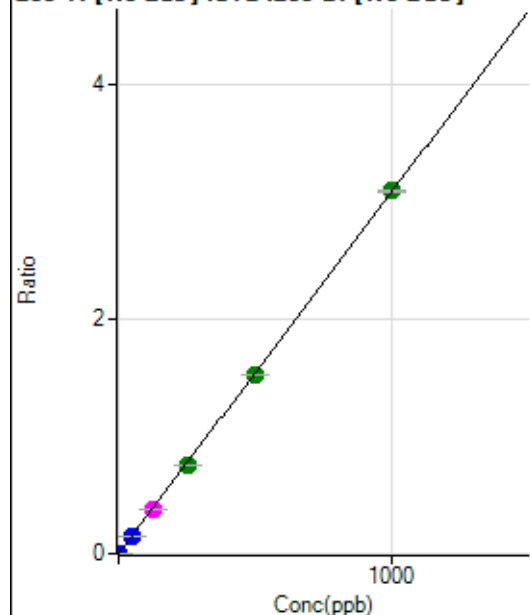
$$DL = 0.005157$$

$$BEC = 0.041$$

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	1575.17	0.0001	P	13.8
2	☐	1.000	0.965	51004.46	0.0031	P	0.6
3	☐	50.000	48.728	2479345.74	0.1502	P	0.7
4	☐	125.000	122.223	6157503.48	0.3765	M	0.7
5	☐	250.000	246.140	12179788.55	0.7582	A	0.9
6	☐	500.000	495.636	24401021.73	1.5266	A	0.4
7	☐	1000.000	1003.558	47800700.37	3.0910	A	0.7
8	☐			7860.97	0.0006	P	4.4

$$y = 0.0031 * x + 9.2352E-005$$

$$R = 1.0000$$

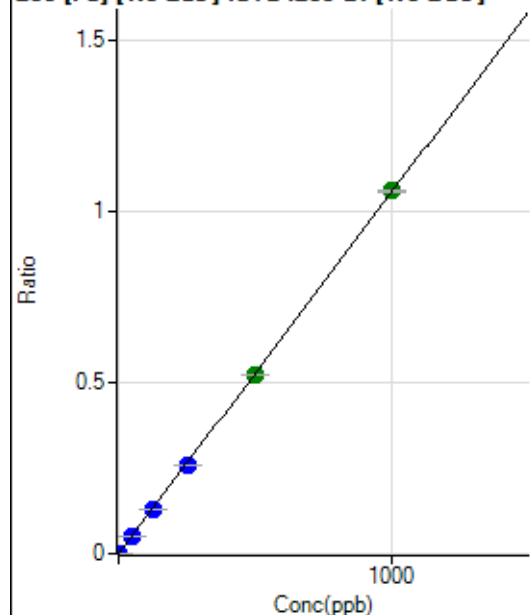
$$DL = 0.01238$$

$$BEC = 0.02998$$

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	1926.13	0.0001	P	3.0
2	☐	1.000	0.954	18606.11	0.0011	P	0.9
3	☐	50.000	48.956	853376.07	0.0517	P	0.5
4	☐	125.000	123.154	2123543.39	0.1299	P	0.5
5	☐	250.000	244.634	4141894.22	0.2578	P	0.9
6	☐	500.000	494.589	8329965.81	0.5212	A	0.4
7	☐	1000.000	1004.330	16363925.60	1.0582	A	0.3
8	☐			55145.86	0.0043	P	1.2

$$y = 0.0011 * x + 1.1295E-004$$

$$R = 1.0000$$

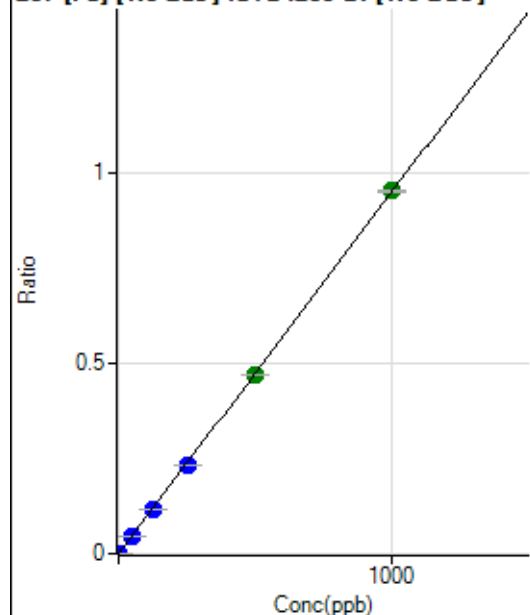
$$DL = 0.009777$$

$$BEC = 0.1072$$

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	1724.24	0.0001	P	8.4
2	☐	1.000	0.977	17135.52	0.0010	P	3.7
3	☐	50.000	48.913	768928.12	0.0466	P	0.8
4	☐	125.000	122.361	1902793.59	0.1164	P	0.9
5	☐	250.000	243.986	3725440.36	0.2319	P	0.8
6	☐	500.000	495.339	7523703.58	0.4707	A	0.4
7	☐	1000.000	1004.218	14755997.09	0.9542	A	0.7
8	☐			50390.28	0.0039	P	1.0

$$y = 9.5009\text{E-}004 * x + 1.0115\text{E-}004$$

$$R = 1.0000$$

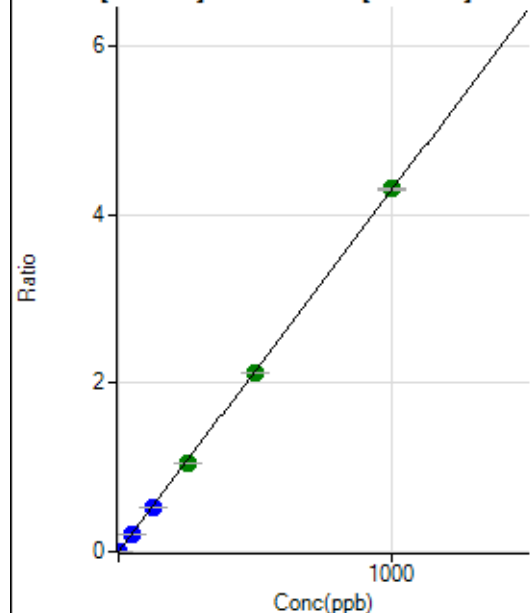
$$DL = 0.0269$$

$$BEC = 0.1065$$

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	7254.66	0.0004	P	1.6
2	☐	1.000	0.967	76038.28	0.0046	P	1.5
3	☐	50.000	49.060	3476970.89	0.2106	P	0.7
4	☐	125.000	122.967	8621733.84	0.5272	P	0.4
5	☐	250.000	246.194	16950200.87	1.0551	A	0.2
6	☐	500.000	495.180	33913443.18	2.1218	A	0.3
7	☐	1000.000	1003.663	66498758.43	4.3001	A	0.3
8	☐			225681.36	0.0174	P	0.8

$$y = 0.0043 * x + 4.2550\text{E-}004$$

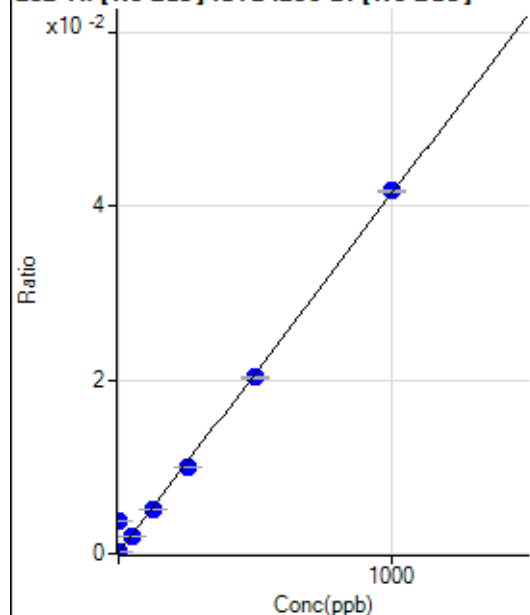
$$R = 1.0000$$

$$DL = 0.004672$$

$$BEC = 0.09932$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2072.45	0.0001	P	8.1
2	☐	1.000	87.216	61899.89	0.0037	P	1.5
3	☐	50.000	47.131	34091.10	0.0021	P	0.4
4	☐	125.000	120.155	83009.67	0.0051	P	1.7
5	☐	250.000	240.427	161207.71	0.0100	P	0.2
6	☐	500.000	488.917	324152.85	0.0203	P	1.4
7	☐	1000.000	1008.598	644988.69	0.0417	P	0.2
8	☐			2811.50	0.0002	P	2.9

$$y = 4.1232\text{E-}005 * x + 1.2154\text{E-}004$$

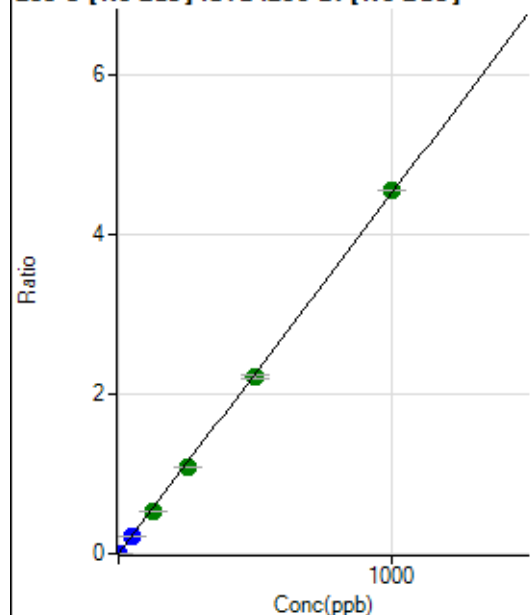
$$R = 0.9956$$

$$DL = 0.7175$$

$$BEC = 2.948$$

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	2547.58	0.0001	P	2.6
2	☐	1.000	0.931	72507.53	0.0044	P	1.4
3	☐	50.000	47.045	3512864.06	0.2128	P	0.3
4	☐	125.000	118.970	8795361.66	0.5378	A	0.1
5	☐	250.000	242.415	17602746.05	1.0957	A	0.1
6	☐	500.000	491.159	35482208.43	2.2199	A	1.3
7	☐	1000.000	1007.218	70398332.13	4.5523	A	0.1
8	☐			6693.67	0.0005	P	4.5

$$y = 0.0045 * x + 1.4942\text{E-}004$$

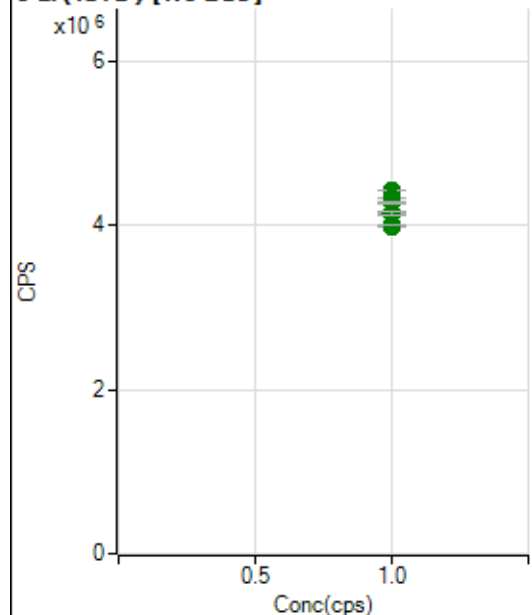
$$R = 0.9999$$

$$DL = 0.00261$$

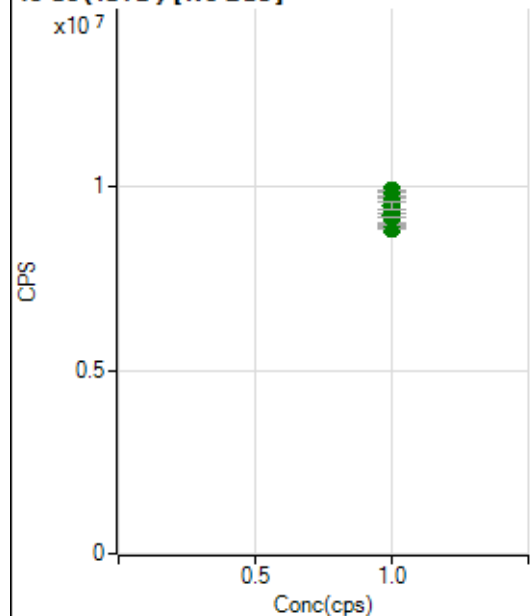
$$BEC = 0.03306$$

Weight: <None>

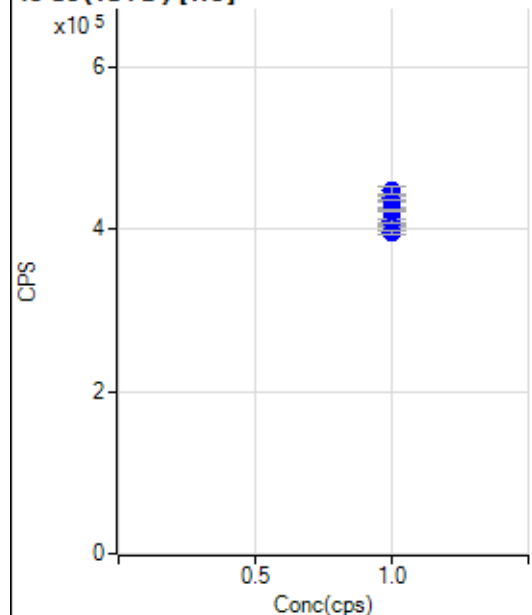
Min Conc: 0

6 Li (ISTD) [No Gas]

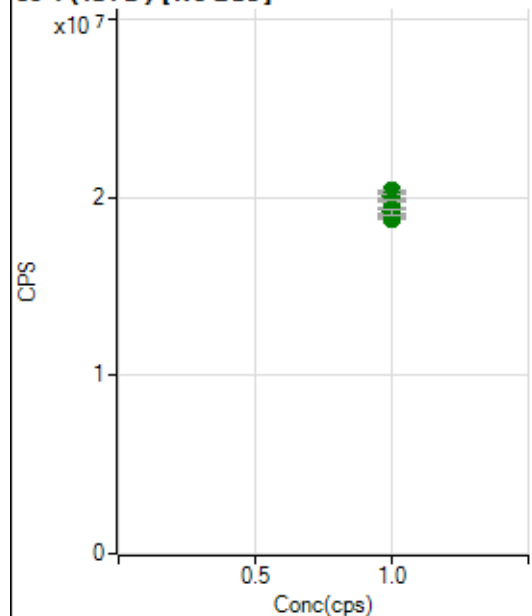
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4425225.18		A	0.1
2	☐	1.000		4332833.10		A	0.2
3	☐	1.000		4283263.34		A	0.6
4	☐	1.000		4141754.87		A	0.4
5	☐	1.000		3996283.17		A	0.3
6	☐	1.000		3989736.88		A	0.6
7	☐	1.000		4016519.87		A	0.3
8	☐	1.000		4149545.42		A	1.4

45 Sc (ISTD) [No Gas]

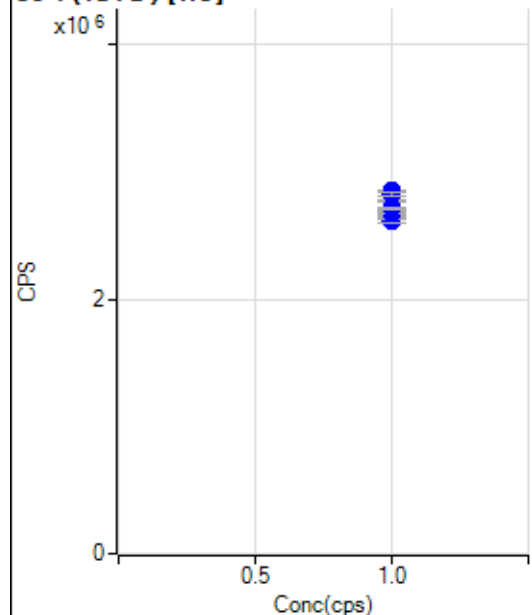
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9877951.00		A	0.4
2	☐	1.000		9732212.46		A	0.5
3	☐	1.000		9581623.82		A	0.2
4	☐	1.000		9207262.79		A	1.1
5	☐	1.000		8863570.95		A	0.5
6	☐	1.000		8980109.49		A	0.6
7	☐	1.000		9155619.21		A	0.4
8	☐	1.000		9482511.85		A	1.8

45 Sc (ISTD) [He]

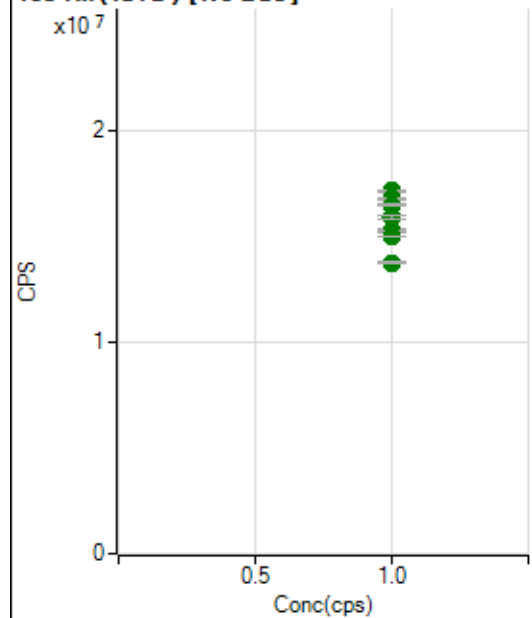
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		435185.67		P	0.6
2	☐	1.000		438491.62		P	1.0
3	☐	1.000		425025.31		P	0.1
4	☐	1.000		404472.05		P	0.4
5	☐	1.000		395208.99		P	1.5
6	☐	1.000		409477.94		P	0.7
7	☐	1.000		422588.06		P	0.6
8	☐	1.000		446739.56		P	2.2

89 Y (ISTD) [No Gas]

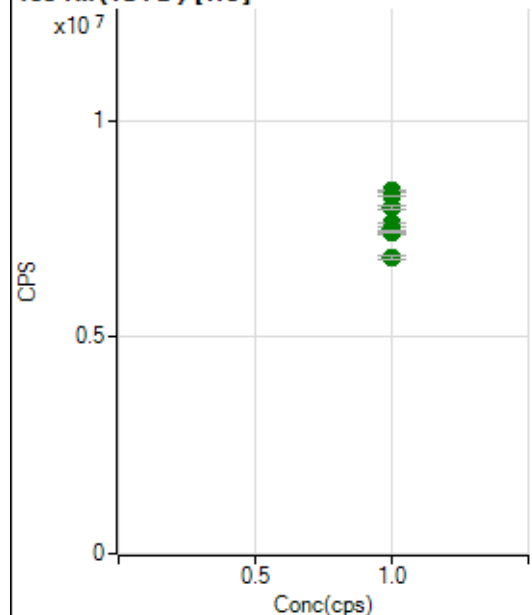
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20373758.31		A	0.3
2	☐	1.000		20075881.09		A	0.8
3	☐	1.000		19794182.21		A	0.7
4	☐	1.000		19334184.57		A	0.6
5	☐	1.000		18781875.69		A	0.2
6	☐	1.000		18952030.97		A	0.6
7	☐	1.000		19126160.27		A	0.4
8	☐	1.000		19183673.05		A	1.5

89 Y(ISTD) [He]

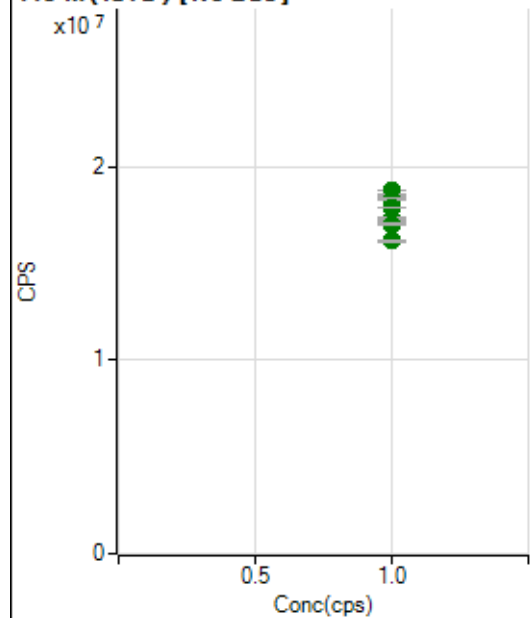
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2828078.26		P	1.0
2	☐	1.000		2850680.03		P	0.2
3	☐	1.000		2772211.24		P	0.6
4	☐	1.000		2651128.97		P	0.2
5	☐	1.000		2607060.27		P	1.2
6	☐	1.000		2681283.78		P	0.9
7	☐	1.000		2712210.17		P	0.4
8	☐	1.000		2828271.66		P	1.4

103 Rh(ISTD) [No Gas]

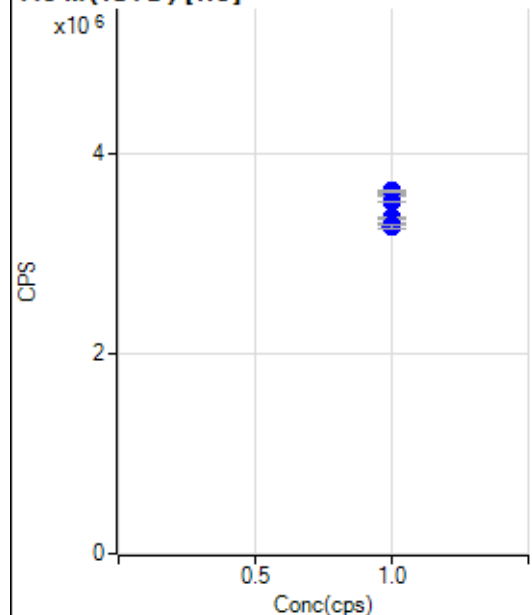
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17164563.92		A	0.3
2	☐	1.000		16806081.10		A	0.5
3	☐	1.000		16500968.77		A	0.4
4	☐	1.000		15922639.25		A	0.7
5	☐	1.000		15326325.34		A	0.6
6	☐	1.000		15226914.57		A	0.5
7	☐	1.000		15033275.16		A	0.3
8	☐	1.000		13765431.90		A	0.8

103 Rh (ISTD) [He]

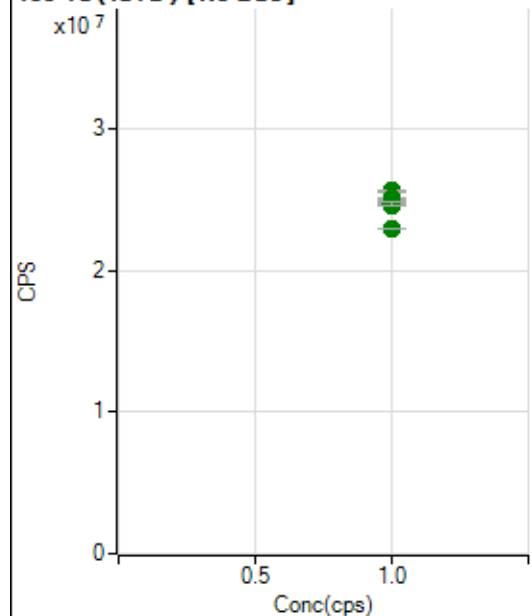
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8368562.44		A	0.6
2	☐	1.000		8251906.89		A	0.3
3	☐	1.000		7987401.06		A	1.0
4	☐	1.000		7636991.07		A	0.1
5	☐	1.000		7403580.51		A	1.1
6	☐	1.000		7495226.70		A	0.6
7	☐	1.000		7432025.93		A	0.3
8	☐	1.000		6825289.69		A	0.9

115 In (ISTD) [No Gas]

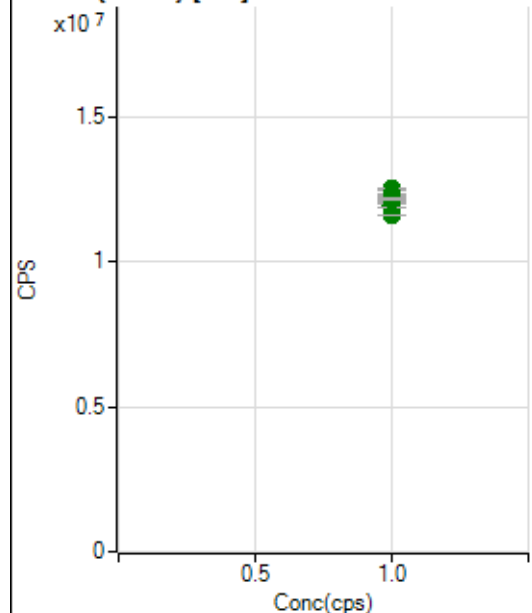
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18739388.64		A	0.1
2	☐	1.000		18553958.20		A	0.5
3	☐	1.000		18320036.07		A	0.6
4	☐	1.000		17852025.10		A	0.2
5	☐	1.000		17268264.30		A	0.8
6	☐	1.000		17327520.15		A	0.2
7	☐	1.000		17016559.96		A	0.4
8	☐	1.000		16154757.60		A	0.7

115 In (ISTD) [He]

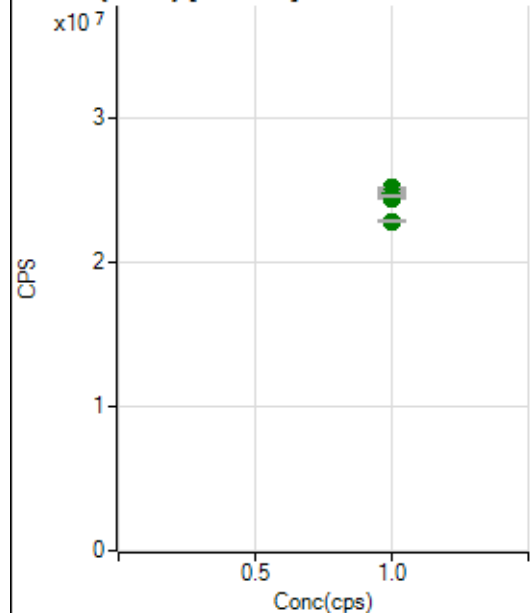
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3590303.59		P	0.9
2	☐	1.000		3630465.46		P	0.2
3	☐	1.000		3521774.72		P	0.5
4	☐	1.000		3361393.29		P	0.8
5	☐	1.000		3301077.22		P	0.9
6	☐	1.000		3351690.05		P	0.7
7	☐	1.000		3297056.22		P	0.5
8	☐	1.000		3269685.28		P	1.5

159 Tb (ISTD) [No Gas]

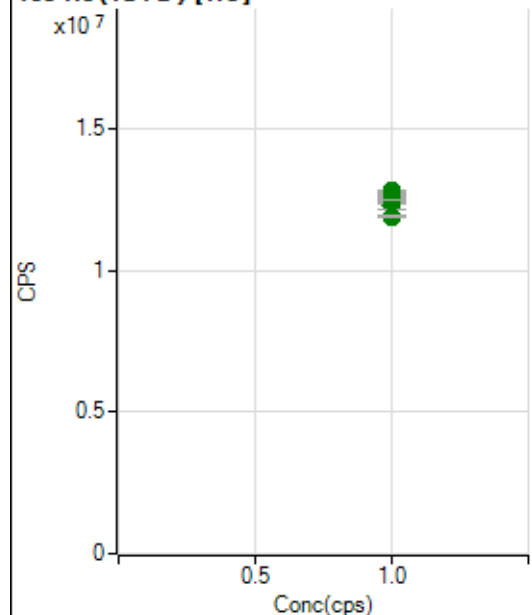
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		25625277.67		A	0.4
2	☐	1.000		25091782.68		A	0.4
3	☐	1.000		25077165.18		A	0.4
4	☐	1.000		24916072.41		A	0.3
5	☐	1.000		24617935.19		A	0.3
6	☐	1.000		24790349.91		A	0.3
7	☐	1.000		24782272.69		A	1.1
8	☐	1.000		22970769.10		A	0.2

159 Tb (ISTD) [He]

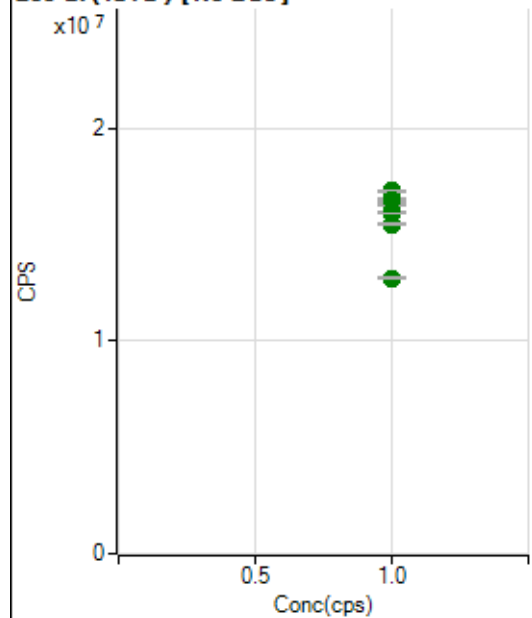
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12471459.40		A	0.5
2	☐	1.000		12505734.81		A	0.1
3	☐	1.000		12309679.81		A	0.7
4	☐	1.000		12049576.63		A	0.2
5	☐	1.000		11947981.77		A	1.0
6	☐	1.000		12236721.34		A	0.4
7	☐	1.000		12137234.12		A	0.5
8	☐	1.000		11601368.99		A	0.5

165 Ho (ISTD) [No Gas]

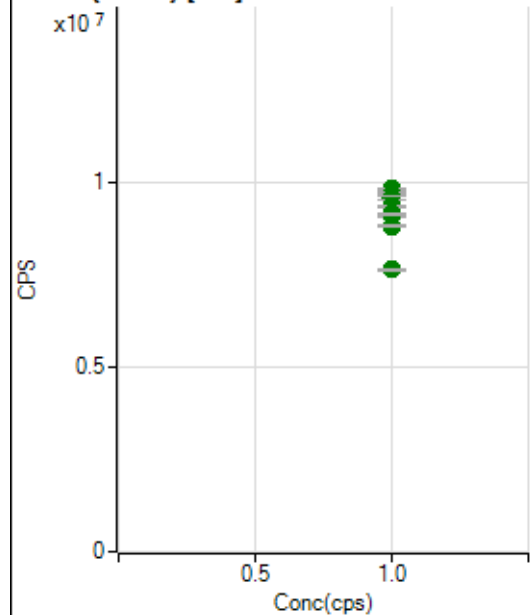
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25211575.56		A	0.5
2	☐	1.000		24833767.39		A	0.4
3	☐	1.000		24852871.74		A	0.9
4	☐	1.000		24793478.68		A	0.3
5	☐	1.000		24456920.69		A	0.1
6	☐	1.000		24866651.25		A	0.7
7	☐	1.000		24646488.74		A	0.8
8	☐	1.000		22898420.30		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12828113.98		A	0.3
2	☐	1.000		12827966.89		A	0.5
3	☐	1.000		12693652.59		A	0.8
4	☐	1.000		12450437.04		A	0.3
5	☐	1.000		12277918.57		A	1.3
6	☐	1.000		12588567.31		A	0.5
7	☐	1.000		12490316.34		A	0.2
8	☐	1.000		11931703.43		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17050813.22		A	0.5
2	☐	1.000		16649645.58		A	0.4
3	☐	1.000		16510231.28		A	0.5
4	☐	1.000		16353276.70		A	0.4
5	☐	1.000		16064663.79		A	0.7
6	☐	1.000		15983416.15		A	0.1
7	☐	1.000		15464372.96		A	0.5
8	☐	1.000		12944555.92		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9810035.90		A	0.8
2	☐	1.000		9694606.31		A	0.5
3	☐	1.000		9570118.74		A	0.7
4	☐	1.000		9334736.74		A	0.5
5	☐	1.000		9101875.14		A	1.3
6	☐	1.000		9127115.35		A	0.4
7	☐	1.000		8805162.72		A	0.6
8	☐	1.000		7632386.76		A	0.5