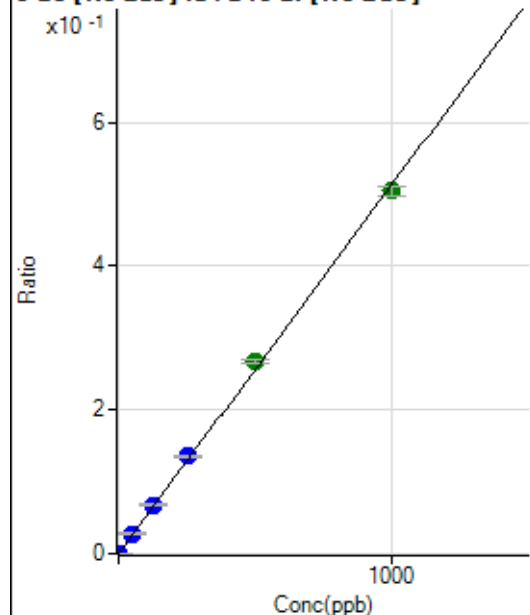


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111922MS.b\
 Analysis File: P7111922MS.batch.bin
 DA Date-Time: 2022-11-20 02:40:22
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-11-19 10:54:45
2	006CALS.d	S02	2022-11-19 11:00:28
3	007CALS.d	S03	2022-11-19 11:03:18
4	008CALS.d	S04	2022-11-19 11:06:04
5	009CALS.d	S05	2022-11-19 11:08:47
6	010CALS.d	S06	2022-11-19 11:11:34
7	011CALS.d	S07	2022-11-19 11:14:18
8	012CALS.d	S08	2022-11-19 11:17:05

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0000	P	36.2
2	☐	1.000	1.089	2788.06	0.0006	P	3.1
3	☐	50.000	54.029	132780.07	0.0277	P	3.4
4	☐	125.000	132.644	324118.20	0.0680	P	2.9
5	☐	250.000	264.851	647596.44	0.1358	P	2.4
6	☐	500.000	521.800	1232169.79	0.2676	A	2.6
7	☐	1000.000	984.230	2325291.34	0.5048	A	2.3
8	☐			698.91	0.0002	P	5.2

$$y = 5.1284\text{E-}004 * x + 1.5418\text{E-}005$$

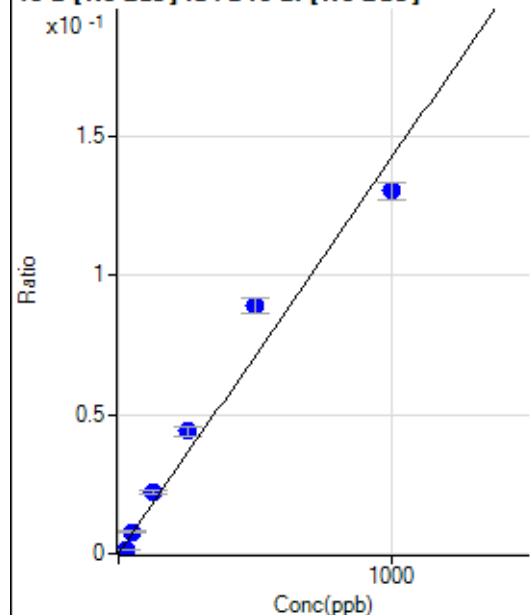
$$R = 0.9995$$

$$DL = 0.03263$$

$$BEC = 0.03006$$

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	186.12	0.0000	P	5.7
2	☐	25.000	10.778	7629.84	0.0016	P	10.2
3	☐	50.000	54.945	37604.74	0.0079	P	7.4
4	☐	125.000	154.281	104704.11	0.0220	P	6.8
5	☐	250.000	309.473	209973.71	0.0441	P	7.9
6	☐	500.000	628.847	411931.86	0.0895	P	6.0
7	☐	1000.000	917.156	601050.45	0.1305	P	4.9
8	☐			20995.31	0.0051	P	13.8

$$y = 1.4222\text{E-}004 * x + 3.8643\text{E-}005$$

$$R = 0.9835$$

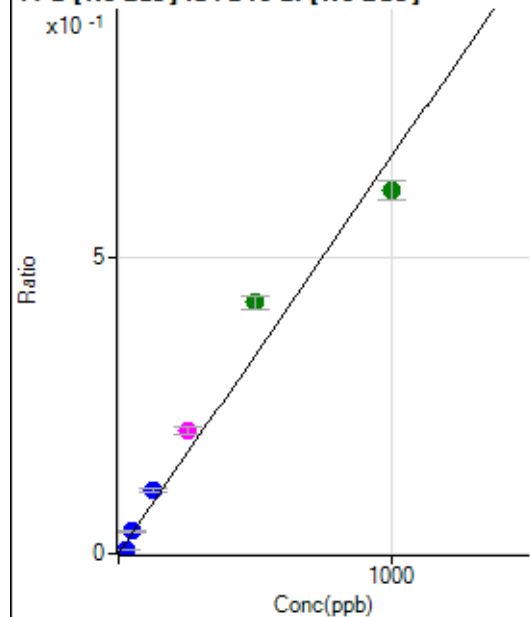
$$DL = 0.04643$$

$$BEC = 0.2717$$

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	897.27	0.0002	P	2.7
2	☐	25.000	11.116	36992.09	0.0076	P	6.5
3	☐	50.000	57.144	183809.70	0.0384	P	7.4
4	☐	125.000	158.749	506379.61	0.1063	P	6.2
5	☐	250.000	311.019	991920.85	0.2081	M	5.9
6	☐	500.000	632.459	1947306.42	0.4230	A	5.3
7	☐	1000.000	914.287	2816289.73	0.6113	A	5.4
8	☐			102624.26	0.0247	P	12.6

$$y = 6.6845E-004 * x + 1.8637E-004$$

$$R = 0.9825$$

$$DL = 0.02289$$

$$BEC = 0.2788$$

Weight: <None>

Min Conc: 0

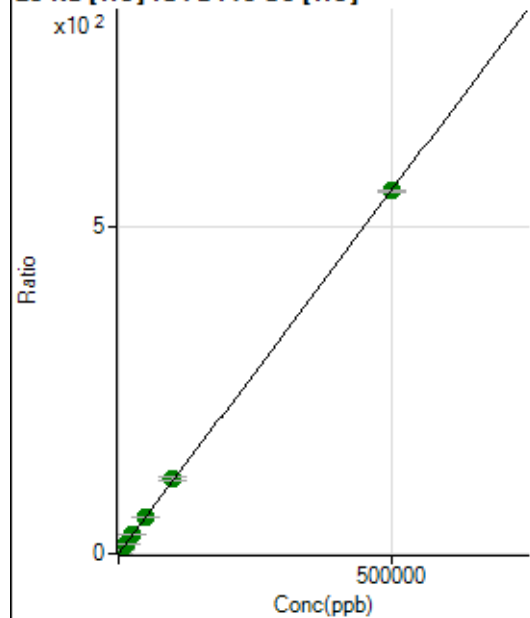
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21691.41	0.0279	P	1.2
2	☐	500.000	500.301	451464.59	0.5823	P	1.3
3	☐	5000.000	5190.744	4474274.52	5.7806	A	1.9
4	☐	12500.000	12912.398	10658080.56	14.3383	A	1.2
5	☐	25000.000	25870.408	20819596.30	28.6992	A	0.4
6	☐	50000.000	51433.995	41359344.44	57.0306	A	0.5
7	☐	100000.00	102504.20	80703489.77	113.6301	A	4.1
8	☐	500000.00	499300.02	408031064.6	553.3865	A	0.9

$$y = 0.0011 * x + 0.0279$$

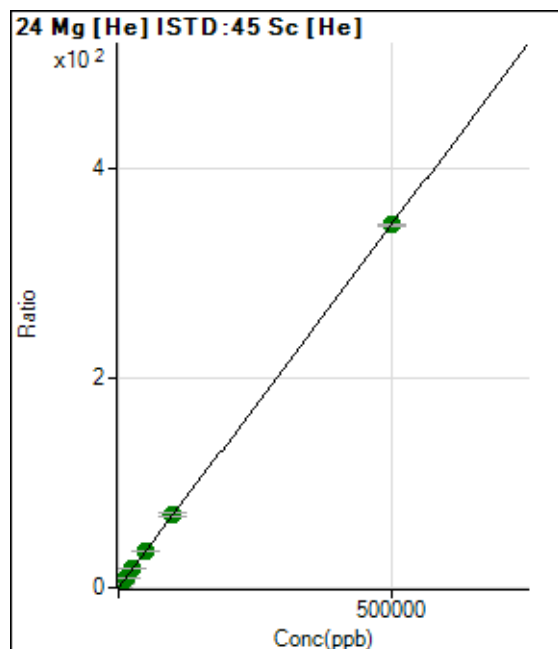
$$R = 1.0000$$

$$DL = 0.9031$$

$$BEC = 25.14$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	438.90	0.0006	P	14.8
2	☐	500.000	494.982	265677.58	0.3427	P	0.7
3	☐	5000.000	5088.418	2722604.40	3.5174	A	1.6
4	☐	12500.000	12616.298	6482756.92	8.7203	A	1.0
5	☐	25000.000	25484.834	12778043.46	17.6145	A	1.0
6	☐	50000.000	50240.171	25182473.25	34.7241	A	0.6
7	☐	100000.00	100416.91	49284534.43	69.4039	A	4.8
8	☐	500000.00	499864.57	254739307.5	345.4828	A	0.7

$$y = 6.9115\text{E-}004 * x + 5.6376\text{E-}004$$

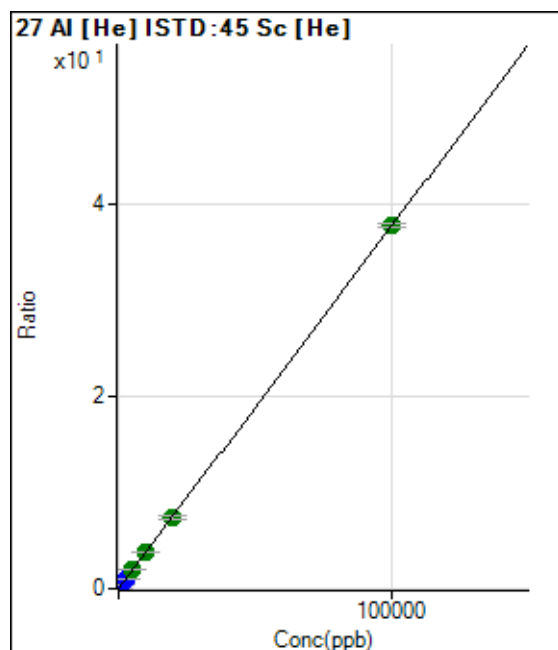
$$R = 1.0000$$

$$DL = 0.3625$$

$$BEC = 0.8157$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0002	P	4.1
2	☐	20.000	20.409	6130.95	0.0079	P	3.7
3	☐	1000.000	1031.836	301854.87	0.3900	P	1.3
4	☐	2500.000	2538.434	712919.20	0.9591	P	0.9
5	☐	5000.000	5047.701	1383375.61	1.9069	A	0.1
6	☐	10000.000	9961.154	2728918.87	3.7629	A	0.7
7	☐	20000.000	19735.031	5294834.43	7.4549	A	4.0
8	☐	100000.00	100053.21	27867389.98	37.7944	A	1.0

$$y = 3.7774\text{E-}004 * x + 1.9986\text{E-}004$$

$$R = 1.0000$$

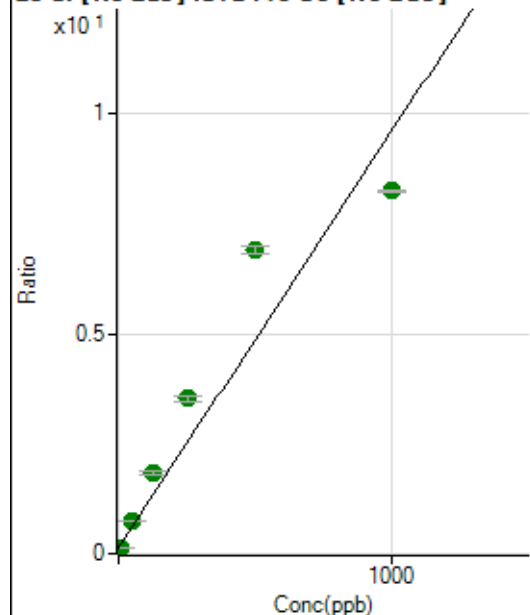
$$DL = 0.06551$$

$$BEC = 0.5291$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1233475.00	0.1312	A	0.5
2	☐	10.000	1.171	1336261.67	0.1423	A	0.9
3	☐	50.000	63.542	6861182.27	0.7333	A	2.7
4	☐	125.000	179.862	16859051.59	1.8355	A	2.8
5	☐	250.000	358.409	31560472.58	3.5273	A	3.9
6	☐	500.000	716.024	60753077.75	6.9160	A	2.7
7	☐	1000.000	857.439	74960433.62	8.2560	A	0.6
8	☐			1839734.57	0.2160	A	0.2

$$y = 0.0095 * x + 0.1312$$

$$R = 0.9526$$

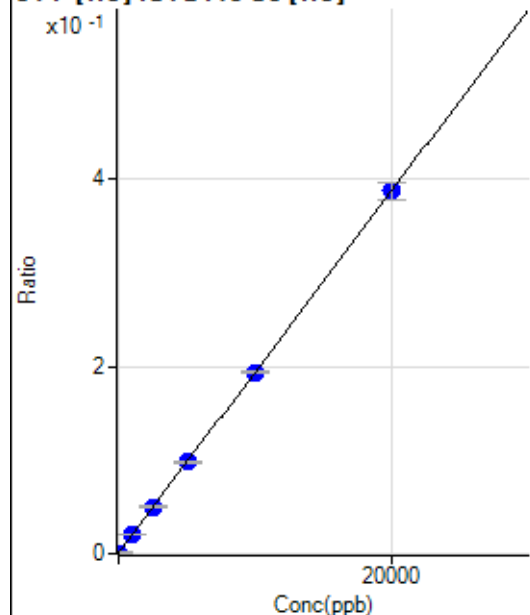
$$DL = 0.1927$$

$$BEC = 13.84$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-10.362	461.13	0.0006	P	4.7
2	☐	0.000	10.362	769.48	0.0010	P	7.2
3	☐	1000.000	1013.743	15772.44	0.0204	P	4.0
4	☐	2500.000	2541.523	37090.09	0.0499	P	1.9
5	☐	5000.000	5044.617	71274.68	0.0983	P	1.6
6	☐	10000.000	9963.679	140174.65	0.1933	P	0.7
7	☐	20000.000	20001.129	274950.05	0.3872	P	5.0
8	☐			597.25	0.0008	P	21.1

$$y = 1.9320E-005 * x + 7.9256E-004$$

$$R = 1.0000$$

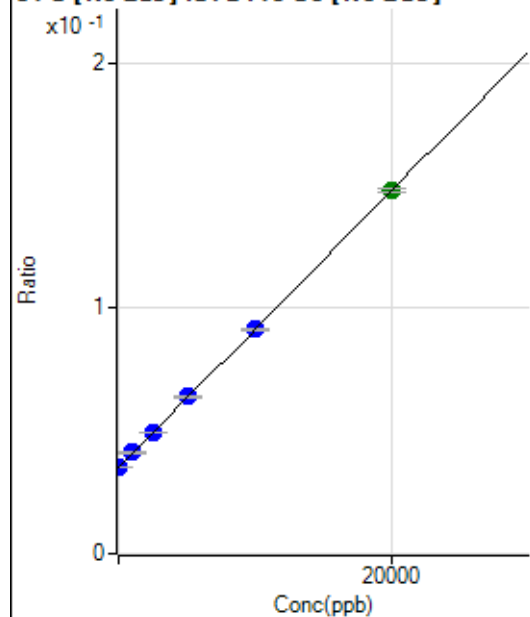
$$DL = 7.704$$

$$BEC = 41.02$$

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	-13.910	329234.10	0.0350	P	0.3
2	☐	0.000	13.910	330340.33	0.0352	P	0.4
3	☐	1000.000	1110.346	387076.50	0.0414	P	1.0
4	☐	2500.000	2571.846	455803.32	0.0496	P	0.5
5	☐	5000.000	5129.367	573518.31	0.0641	P	1.7
6	☐	10000.000	9986.501	804077.22	0.0915	P	1.2
7	☐	20000.000	19959.910	1342904.00	0.1479	A	1.0
8	☐			263902.56	0.0310	P	1.3

$$y = 5.6521E-006 * x + 0.0351$$

$$R = 1.0000$$

$$DL = 63.1$$

$$BEC = 6208$$

Weight: <None>

Min Conc: 0

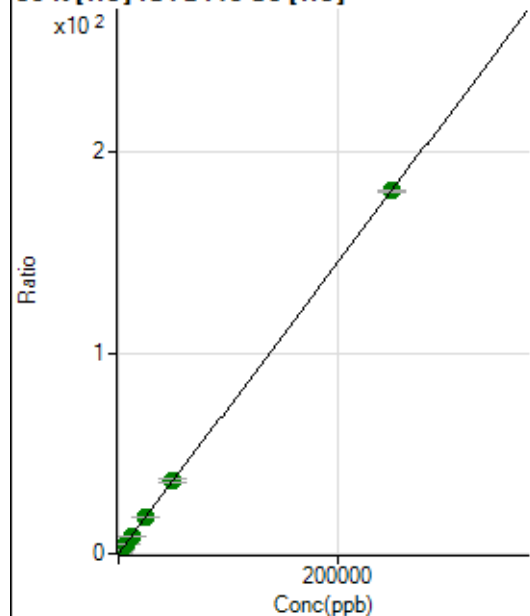
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78770.28	0.1012	P	1.6
2	☐	500.000	523.216	371447.87	0.4791	P	1.0
3	☐	2500.000	2512.580	1483141.74	1.9160	A	0.6
4	☐	6250.000	6197.269	3402844.65	4.5774	A	0.7
5	☐	12500.000	12373.674	6556955.44	9.0385	A	0.3
6	☐	25000.000	24834.967	13082137.62	18.0390	A	0.6
7	☐	50000.000	50053.051	25749296.58	36.2535	A	3.9
8	☐	250000.00	250013.35	133223737.7	180.6810	A	0.4

$$y = 7.2228\text{E-}004 * x + 0.1012$$

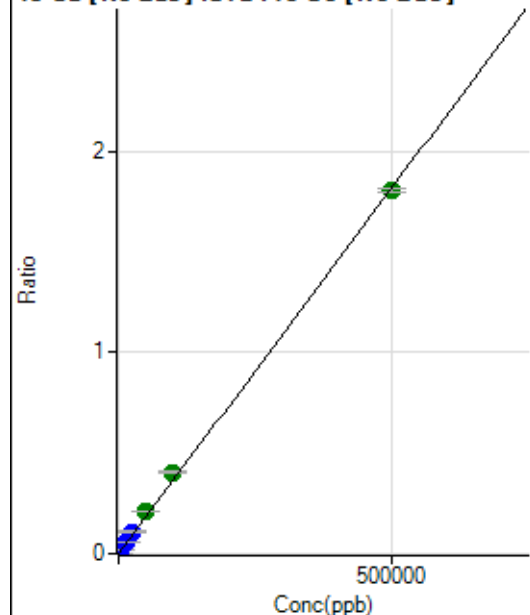
$$R = 1.0000$$

$$DL = 6.902$$

$$BEC = 140.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0000	P	13.5
2	☐	500.000	518.701	17860.96	0.0019	P	5.6
3	☐	5000.000	6086.399	206872.40	0.0221	P	2.9
4	☐	12500.000	15005.053	500400.43	0.0545	P	2.0
5	☐	25000.000	30236.065	982101.62	0.1098	P	3.5
6	☐	50000.000	58118.940	1853160.48	0.2110	A	2.6
7	☐	100000.00	111160.88	3663543.00	0.4035	A	1.5
8	☐	500000.00	496620.61	15356242.01	1.8025	A	1.2

$$y = 3.6295E-006 * x + 1.9492E-005$$

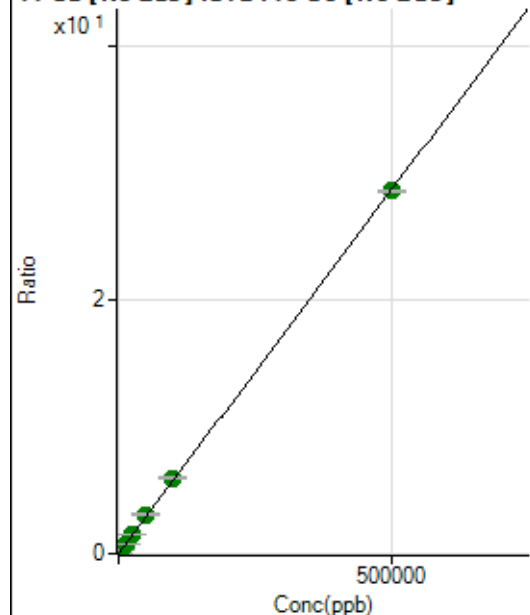
$$R = 0.9997$$

$$DL = 2.167$$

$$BEC = 5.37$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8783.36	0.0009	P	6.6
2	☐	500.000	514.360	286026.50	0.0305	P	3.3
3	☐	5000.000	5420.087	2919593.97	0.3120	A	2.9
4	☐	12500.000	13259.197	6998790.70	0.7620	A	1.7
5	☐	25000.000	26854.074	13801397.27	1.5423	A	3.0
6	☐	50000.000	53864.168	27166578.21	3.0926	A	3.2
7	☐	100000.00	103933.14	54174985.24	5.9665	A	1.9
8	☐	500000.00	498711.05	243820388.7	28.6259	A	0.6

$$y = 5.7398E-005 * x + 9.3405E-004$$

$$R = 0.9999$$

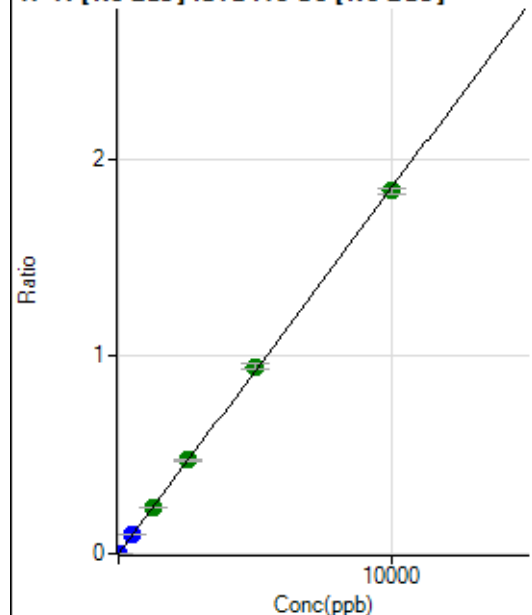
$$DL = 3.239$$

$$BEC = 16.27$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	34.9
2	☐	5.000	4.545	8021.79	0.0009	P	7.8
3	☐	500.000	523.419	906809.51	0.0969	P	3.6
4	☐	1250.000	1260.399	2143521.12	0.2334	A	3.1
5	☐	2500.000	2553.054	4229985.64	0.4727	A	2.5
6	☐	5000.000	5124.293	8334116.85	0.9487	A	3.3
7	☐	10000.000	9922.120	16681424.33	1.8370	A	1.7
8	☐			3992.30	0.0005	P	12.1

$$y = 1.8514\text{E-}004 * x + 1.3009\text{E-}005$$

$$R = 0.9999$$

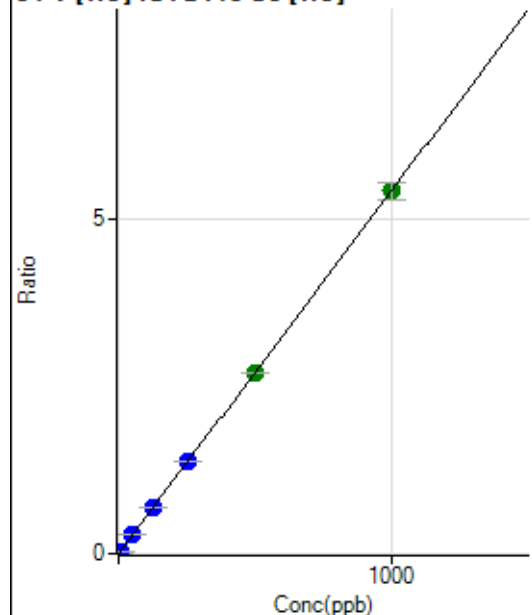
$$DL = 0.0735$$

$$BEC = 0.07027$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.0
2	☐	5.000	4.834	20320.45	0.0262	P	0.6
3	☐	50.000	50.599	212293.74	0.2742	P	0.4
4	☐	125.000	126.077	507942.61	0.6833	P	0.8
5	☐	250.000	253.122	995211.20	1.3719	P	0.2
6	☐	500.000	498.297	1958533.72	2.7006	A	0.7
7	☐	1000.000	999.907	3848167.02	5.4192	A	4.9
8	☐			1338.96	0.0018	P	3.1

$$y = 0.0054 * x + 1.1391\text{E-}005$$

$$R = 1.0000$$

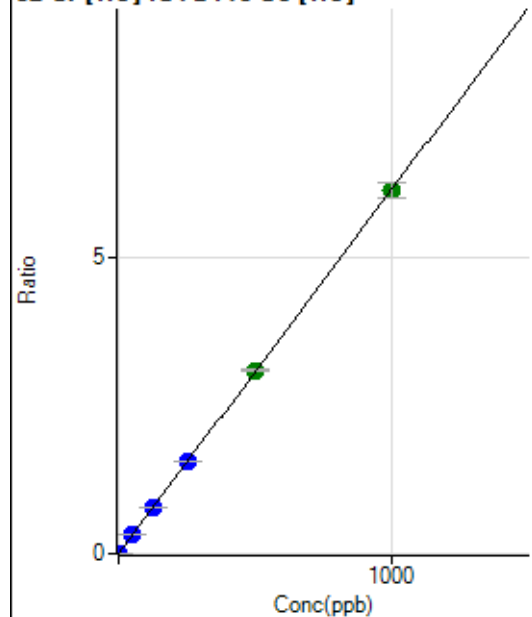
$$DL = 0.003591$$

$$BEC = 0.002102$$

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	1290.07	0.0017	P	4.7
2	☐	2.000	1.986	10765.03	0.0139	P	1.8
3	☐	50.000	51.964	249014.12	0.3217	P	0.5
4	☐	125.000	128.210	588182.71	0.7912	P	0.5
5	☐	250.000	254.494	1138190.90	1.5690	P	1.1
6	☐	500.000	503.040	2248023.89	3.0997	A	0.7
7	☐	1000.000	996.857	4361191.11	6.1409	A	4.4
8	☐			38792.00	0.0526	P	1.0

$$y = 0.0062 * x + 0.0017$$

$$R = 1.0000$$

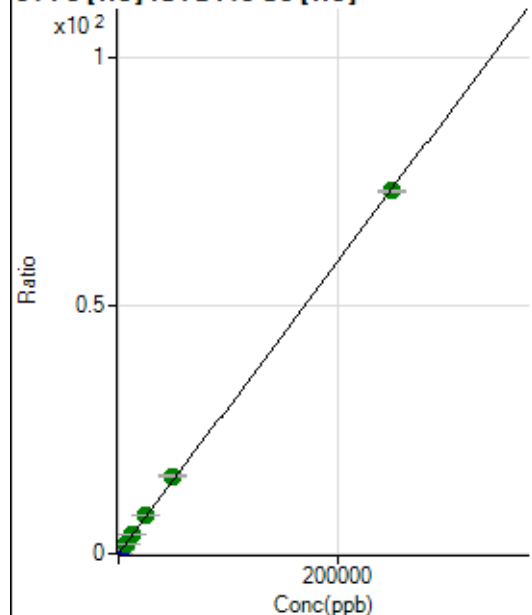
$$DL = 0.03795$$

$$BEC = 0.2691$$

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	2078.95	0.0027	P	6.8
2	☐	50.000	55.850	14765.81	0.0190	P	2.9
3	☐	2500.000	2869.249	653101.69	0.8437	P	1.3
4	☐	6250.000	6784.859	1480516.47	1.9915	A	0.7
5	☐	12500.000	13566.136	2886810.07	3.9794	A	0.2
6	☐	25000.000	26640.092	5665281.38	7.8118	A	0.6
7	☐	50000.000	53402.110	11120951.29	15.6567	A	3.7
8	☐	250000.00	249085.19	53838987.92	73.0181	A	0.6

$$y = 2.9313E-004 * x + 0.0027$$

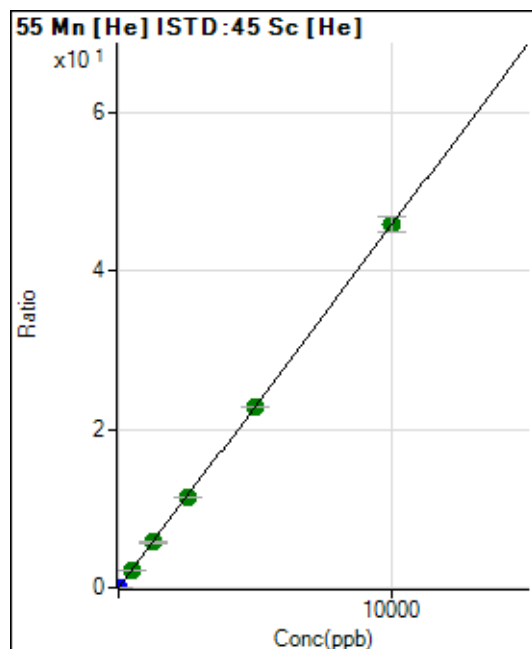
$$R = 0.9999$$

$$DL = 1.855$$

$$BEC = 9.112$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.78	0.0003	P	26.1
2	☐	1.000	1.071	3992.79	0.0052	P	0.8
3	☐	500.000	500.146	1770688.81	2.2875	A	1.2
4	☐	1250.000	1249.677	4248684.04	5.7153	A	1.0
5	☐	2500.000	2500.861	8296868.70	11.4373	A	1.4
6	☐	5000.000	4994.282	16564197.25	22.8403	A	0.4
7	☐	10000.000	10002.677	32487521.46	45.7450	A	4.3
8	☐			46780.28	0.0634	P	0.9

$$y = 0.0046 * x + 2.5430E-004$$

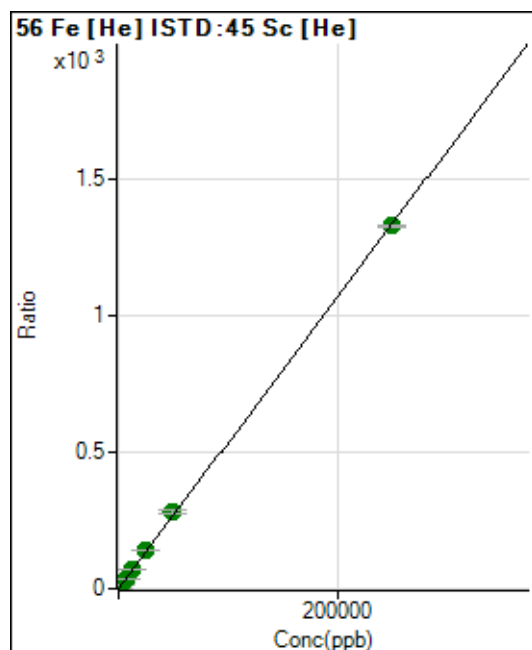
$$R = 1.0000$$

$$DL = 0.0435$$

$$BEC = 0.05561$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13400.57	0.0172	P	2.8
2	☐	50.000	53.002	232689.98	0.3001	P	0.9
3	☐	2500.000	2681.528	11093601.98	14.3312	A	1.0
4	☐	6250.000	6657.583	26430720.73	35.5554	A	0.4
5	☐	12500.000	13340.498	51672581.25	71.2289	A	1.1
6	☐	25000.000	26410.075	102255694.8	140.9943	A	0.8
7	☐	50000.000	52658.924	199661724.8	281.1109	A	3.9
8	☐	250000.00	249273.17	981136207.1	1,330.638	A	0.5

$$y = 0.0053 * x + 0.0172$$

$$R = 0.9999$$

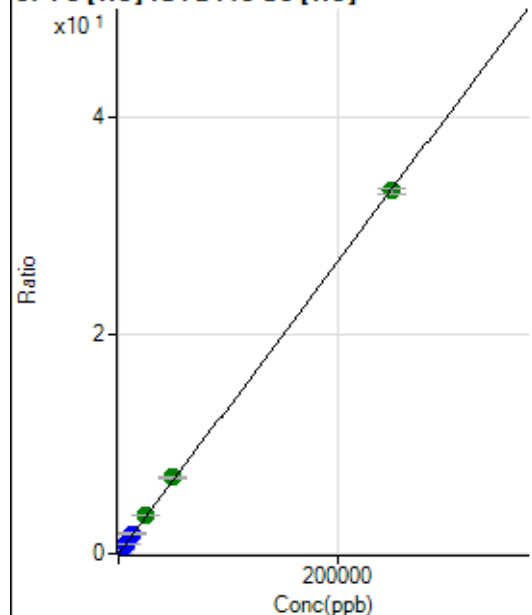
$$DL = 0.2675$$

$$BEC = 3.224$$

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	900.04	0.0012	P	1.2
2	☐	50.000	54.596	6536.71	0.0084	P	2.5
3	☐	2500.000	2774.346	287011.56	0.3708	P	1.1
4	☐	6250.000	6976.985	691845.83	0.9307	P	0.7
5	☐	12500.000	13837.401	1338212.20	1.8447	P	1.1
6	☐	25000.000	26300.038	2542088.11	3.5051	A	1.4
7	☐	50000.000	52620.692	4981412.73	7.0119	A	2.9
8	☐	250000.00	249258.06	24488217.91	33.2100	A	1.3

$$y = 1.3323\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

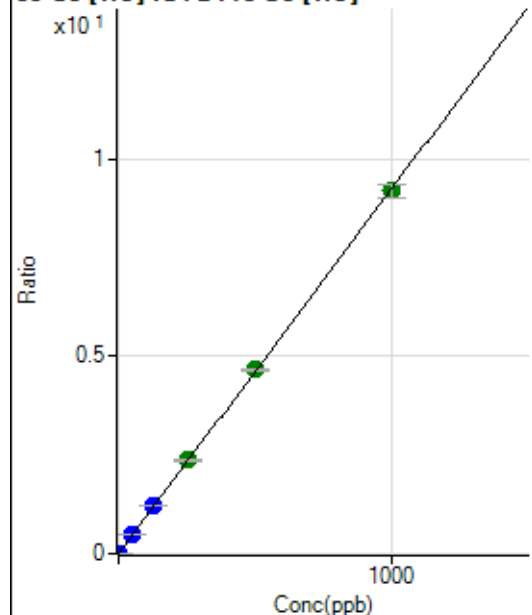
$$DL = 0.3027$$

$$BEC = 8.678$$

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	73.33	0.0001	P	23.7
2	☐	1.000	1.043	7546.40	0.0097	P	3.2
3	☐	50.000	52.808	377860.15	0.4881	P	1.1
4	☐	125.000	130.209	894600.73	1.2035	P	0.9
5	☐	250.000	256.193	1717650.67	2.3678	A	1.2
6	☐	500.000	505.363	3387204.22	4.6706	A	0.9
7	☐	1000.000	994.979	6531781.29	9.1955	A	3.6
8	☐			7215.14	0.0098	P	2.3

$$y = 0.0092 * x + 9.4210\text{E-}005$$

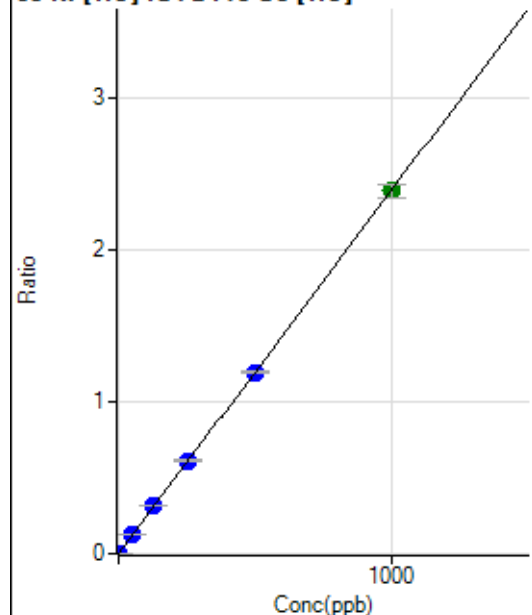
$$R = 1.0000$$

$$DL = 0.007246$$

$$BEC = 0.01019$$

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	183.34	0.0002	P	9.6
2	☐	1.000	1.046	2121.28	0.0027	P	4.1
3	☐	50.000	52.625	97533.36	0.1260	P	2.3
4	☐	125.000	130.575	232165.94	0.3123	P	0.2
5	☐	250.000	255.734	443557.88	0.6114	P	0.9
6	☐	500.000	499.036	865145.42	1.1929	P	0.6
7	☐	1000.000	998.220	1694783.15	2.3860	A	3.8
8	☐			10004.52	0.0136	P	2.2

$$y = 0.0024 * x + 2.3559E-004$$

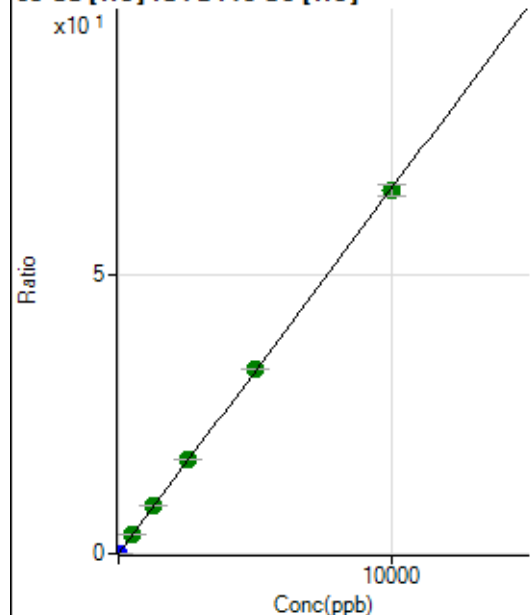
$$R = 1.0000$$

$$DL = 0.02851$$

$$BEC = 0.09857$$

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	924.48	0.0012	P	4.9
2	☐	2.000	2.101	11611.24	0.0150	P	2.2
3	☐	500.000	525.736	2672144.54	3.4519	A	0.5
4	☐	1250.000	1307.272	6379071.51	8.5816	A	1.3
5	☐	2500.000	2580.951	12289733.43	16.9416	A	1.5
6	☐	5000.000	5065.850	24114856.03	33.2516	A	0.2
7	☐	10000.000	9938.392	46339031.53	65.2331	A	3.3
8	☐			20159.25	0.0273	P	0.4

$$y = 0.0066 * x + 0.0012$$

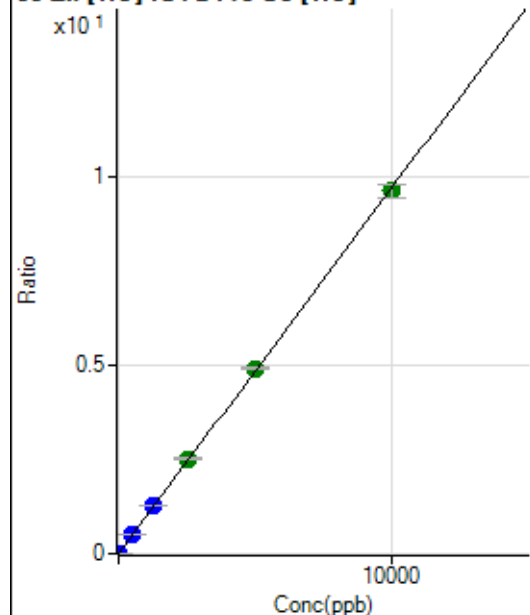
$$R = 0.9999$$

$$DL = 0.02663$$

$$BEC = 0.181$$

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	401.12	0.0005	P	12.8
2	☐	2.000	2.230	2071.27	0.0027	P	1.7
3	☐	500.000	535.672	401406.03	0.5186	P	1.1
4	☐	1250.000	1328.943	955755.45	1.2858	P	1.1
5	☐	2500.000	2599.947	1824476.89	2.5150	A	0.4
6	☐	5000.000	5071.525	3557322.69	4.9053	A	1.0
7	☐	10000.000	9927.599	6819969.41	9.6016	A	3.7
8	☐			14580.55	0.0198	P	3.0

$$y = 9.6711\text{E-}004 * x + 5.1541\text{E-}004$$

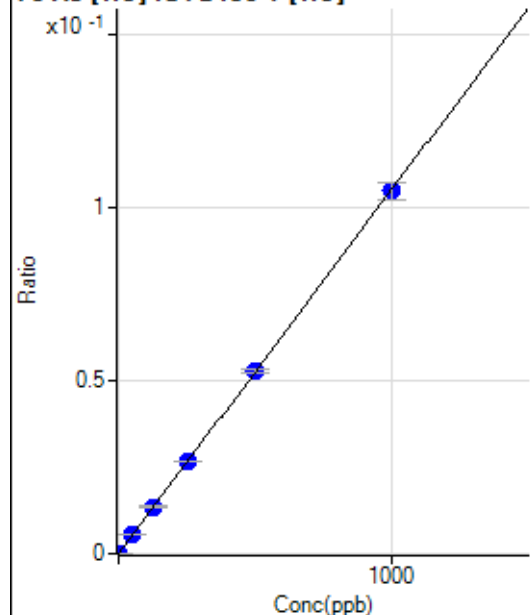
$$R = 0.9999$$

$$DL = 0.2052$$

$$BEC = 0.5329$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.32	0.0000	P	65.6
2	☐	1.000	1.068	530.88	0.0001	P	5.6
3	☐	50.000	51.928	25659.14	0.0055	P	3.4
4	☐	125.000	128.721	61644.77	0.0136	P	1.5
5	☐	250.000	254.341	119952.66	0.0268	P	0.1
6	☐	500.000	502.395	238741.12	0.0529	P	2.0
7	☐	1000.000	997.156	469751.06	0.1050	P	4.5
8	☐			324.08	0.0001	P	7.5

$$y = 1.0530\text{E-}004 * x + 9.2564\text{E-}007$$

$$R = 1.0000$$

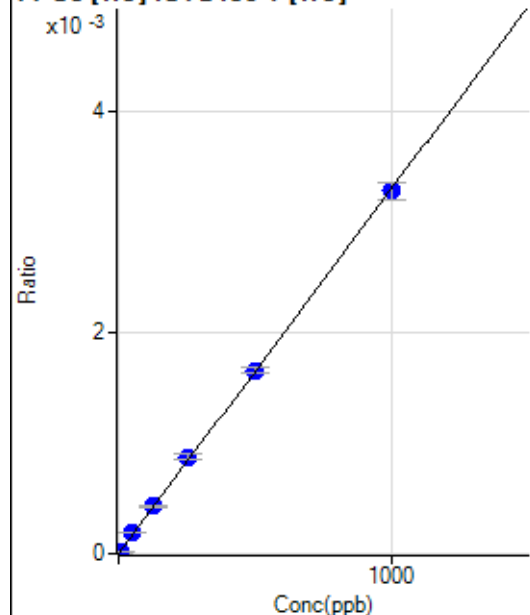
$$DL = 0.01731$$

$$BEC = 0.00879$$

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	2.22	0.0000	P	86.6
2	☐	5.000	5.637	88.89	0.0000	P	28.6
3	☐	50.000	56.367	873.37	0.0002	P	1.5
4	☐	125.000	129.540	1941.26	0.0004	P	7.1
5	☐	250.000	264.770	3906.11	0.0009	P	5.7
6	☐	500.000	502.312	7465.28	0.0017	P	3.4
7	☐	1000.000	994.262	14646.22	0.0033	P	4.7
8	☐			10.00	0.0000	P	33.2

$$y = 3.2925\text{E-}006 * x + 4.7648\text{E-}007$$

$$R = 0.9999$$

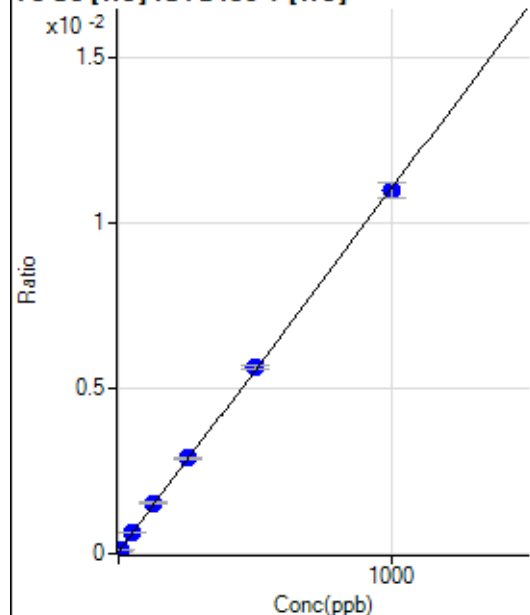
$$DL = 0.376$$

$$BEC = 0.1447$$

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	268.52	0.0001	P	2.0
2	☐	5.000	5.463	549.40	0.0001	P	1.7
3	☐	50.000	54.057	3051.57	0.0007	P	1.2
4	☐	125.000	134.751	6981.31	0.0015	P	2.7
5	☐	250.000	258.689	12962.49	0.0029	P	1.5
6	☐	500.000	506.250	25313.52	0.0056	P	1.9
7	☐	1000.000	993.279	48988.57	0.0110	P	4.4
8	☐			285.19	0.0001	P	7.0

$$y = 1.0967\text{E-}005 * x + 5.7467\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.3092$$

$$BEC = 5.24$$

Weight: <None>

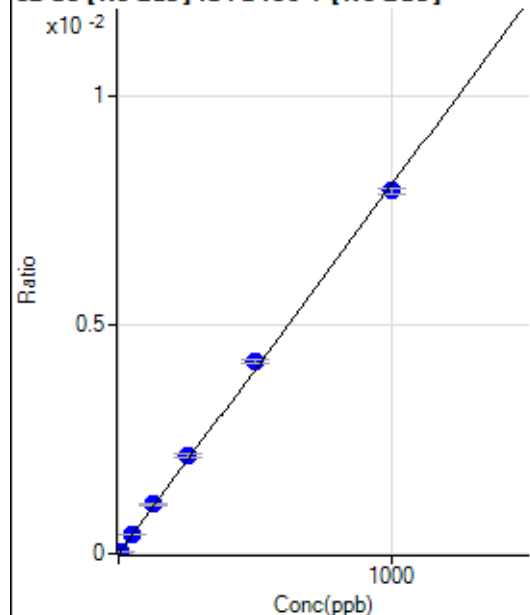
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18206.16		P	0.2
2	☐			18359.09		P	3.1
3	☐			18562.09		P	1.1
4	☐			18478.76		P	4.6
5	☐			17964.14		P	2.1
6	☐			17510.90		P	1.3
7	☐			17744.54		P	2.7
8	☐			18776.35		P	2.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.39		P	28.6
2	☐			76.74		P	30.1
3	☐			30.03		P	57.7
4	☐			50.05		P	34.6
5	☐			63.40		P	32.9
6	☐			46.71		P	12.4
7	☐			43.38		P	13.3
8	☐			96.76		P	33.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-9.10	0.0000	P	-339.
2	☐	5.000	5.452	853.95	0.0000	P	6.4
3	☐	50.000	53.463	8583.89	0.0004	P	3.7
4	☐	125.000	134.421	21049.47	0.0011	P	2.4
5	☐	250.000	265.664	41182.43	0.0021	P	2.8
6	☐	500.000	520.987	80188.32	0.0042	P	1.8
7	☐	1000.000	984.237	156422.10	0.0079	P	1.5
8	☐			212.93	0.0000	P	7.9

$$y = 8.0474E-006 * x - 4.5848E-007$$

$$R = 0.9995$$

$$DL = 0.5808$$

$$BEC = -0.05697$$

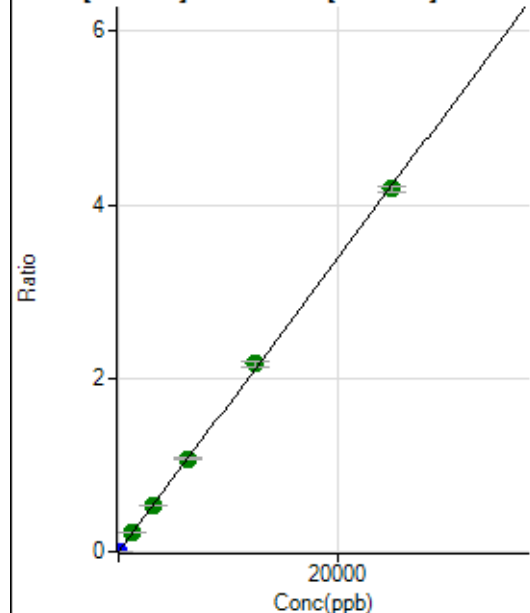
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			270.01		P	8.9
2	☐			255.56		P	4.2
3	☐			253.34		P	13.0
4	☐			230.01		P	17.6
5	☐			237.78		P	9.1
6	☐			222.23		P	2.3
7	☐			272.23		P	10.4
8	☐			308.90		P	5.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	386.13	0.0000	P	10.4
2	☐	1.000	1.047	3858.94	0.0002	P	1.7
3	☐	1250.000	1267.563	4272056.26	0.2139	A	2.5
4	☐	3125.000	3184.012	10459059.00	0.5373	A	1.8
5	☐	6250.000	6362.044	20683340.39	1.0735	A	2.9
6	☐	12500.000	12829.499	41410080.79	2.1648	A	2.5
7	☐	25000.000	24798.985	82646570.60	4.1845	A	1.6
8	☐			28266.62	0.0016	P	0.9

$$y = 1.6873E-004 * x + 1.9470E-005$$

R = 0.9999

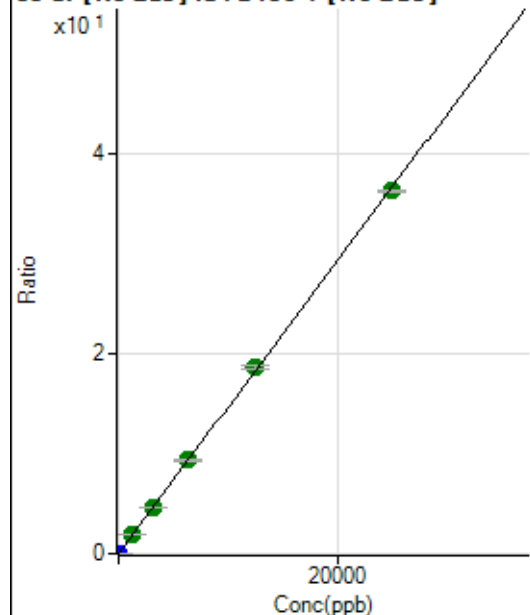
DL = 0.03599

BEC = 0.1154

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	216.68	0.0000	P	12.9
2	☐	1.000	1.008	29288.20	0.0015	P	4.7
3	☐	1250.000	1277.065	37385408.13	1.8719	A	3.3
4	☐	3125.000	3177.904	90682949.25	4.6580	A	1.5
5	☐	6250.000	6393.639	180556595.7	9.3715	A	3.4
6	☐	12500.000	12804.170	358999060.8	18.7678	A	2.0
7	☐	25000.000	24804.039	718047282.7	36.3567	A	0.8
8	☐			235464.05	0.0130	P	3.9

$$y = 0.0015 * x + 1.0921E-005$$

R = 0.9999

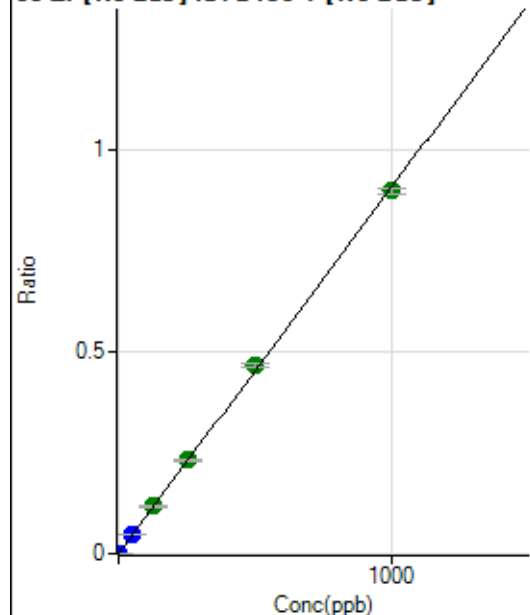
DL = 0.002886

BEC = 0.007451

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	752.81	0.0000	P	10.9
2	☐	1.000	0.961	17919.67	0.0009	P	2.9
3	☐	50.000	52.069	945322.88	0.0473	P	2.3
4	☐	125.000	128.612	2274955.24	0.1169	A	1.9
5	☐	250.000	254.630	4456607.26	0.2313	A	3.8
6	☐	500.000	515.910	8964606.54	0.4686	A	2.1
7	☐	1000.000	990.333	17766986.51	0.8996	A	1.8
8	☐			8775.08	0.0005	P	3.4

$$y = 9.0831\text{E-}004 * x + 3.7958\text{E-}005$$

$$R = 0.9998$$

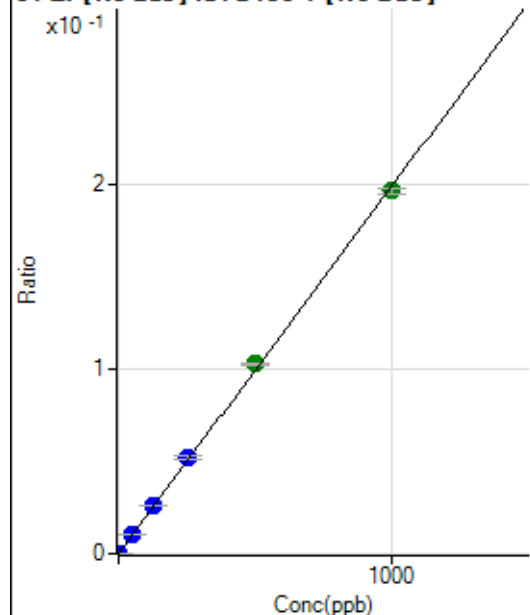
$$DL = 0.01373$$

$$BEC = 0.04179$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	150.01	0.0000	P	49.7
2	☐	1.000	0.964	3922.85	0.0002	P	6.4
3	☐	50.000	52.033	206954.24	0.0104	P	3.0
4	☐	125.000	131.972	511495.60	0.0263	P	2.2
5	☐	250.000	261.013	1000845.26	0.0519	P	4.0
6	☐	500.000	515.990	1964474.46	0.1027	A	1.7
7	☐	1000.000	988.278	3884485.37	0.1967	A	1.7
8	☐			1816.83	0.0001	P	3.4

$$y = 1.9900\text{E-}004 * x + 7.5585\text{E-}006$$

$$R = 0.9997$$

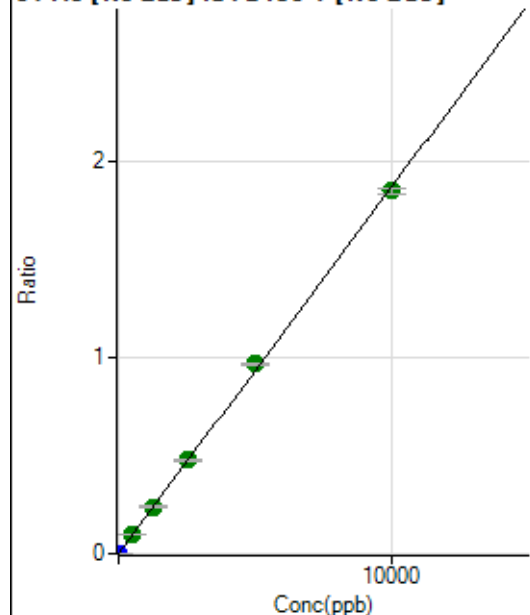
$$DL = 0.05665$$

$$BEC = 0.03798$$

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	269.45	0.0000	P	15.2
2	☐	5.000	5.459	20308.99	0.0010	P	2.0
3	☐	500.000	511.602	1907130.47	0.0955	A	0.7
4	☐	1250.000	1275.209	4633365.12	0.2380	A	1.8
5	☐	2500.000	2548.682	9164552.03	0.4757	A	3.1
6	☐	5000.000	5169.473	18456608.75	0.9648	A	1.6
7	☐	10000.000	9899.361	36487431.37	1.8475	A	1.6
8	☐			14921.85	0.0008	P	4.8

$$y = 1.8663\text{E-}004 * x + 1.3585\text{E-}005$$

$$R = 0.9998$$

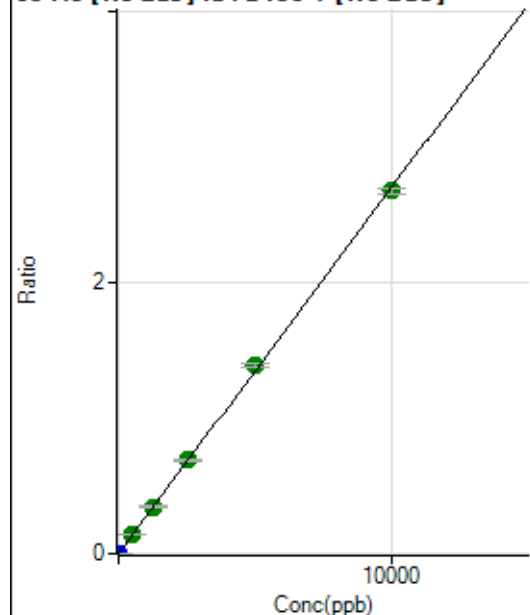
$$DL = 0.03324$$

$$BEC = 0.07279$$

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	11.11	0.0000	P	114.7
2	☐	5.000	4.680	24838.32	0.0013	P	1.9
3	☐	500.000	514.208	2769560.33	0.1387	A	1.6
4	☐	1250.000	1276.411	6701234.57	0.3442	A	1.8
5	☐	2500.000	2563.811	13322153.68	0.6914	A	2.3
6	☐	5000.000	5136.539	26501001.98	1.3852	A	2.4
7	☐	10000.000	9911.766	52791267.50	2.6730	A	1.7
8	☐			20130.93	0.0011	P	0.6

$$y = 2.6968\text{E-}004 * x + 5.5915\text{E-}007$$

$$R = 0.9998$$

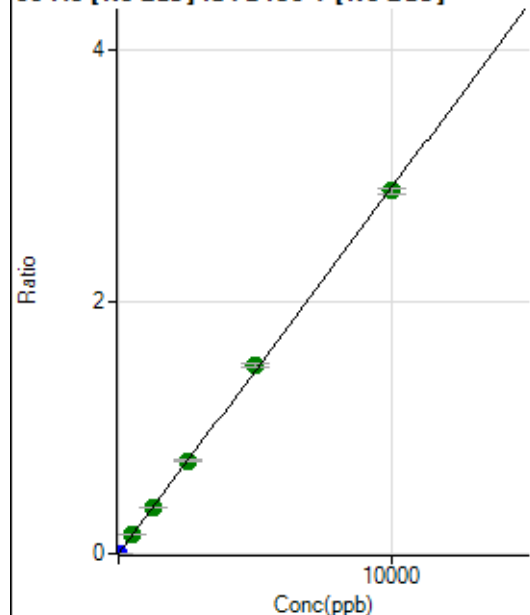
$$DL = 0.007135$$

$$BEC = 0.002073$$

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	108.34	0.0000	P	8.0
2	☐	5.000	4.764	27326.12	0.0014	P	2.5
3	☐	500.000	514.530	2984909.74	0.1495	A	3.2
4	☐	1250.000	1274.497	7206831.85	0.3702	A	2.0
5	☐	2500.000	2548.477	14261846.94	0.7402	A	2.9
6	☐	5000.000	5137.917	28549781.02	1.4923	A	2.3
7	☐	10000.000	9915.134	56877844.33	2.8799	A	1.9
8	☐			32826.51	0.0018	P	1.1

$$y = 2.9045\text{E-}004 * x + 5.4630\text{E-}006$$

$$R = 0.9998$$

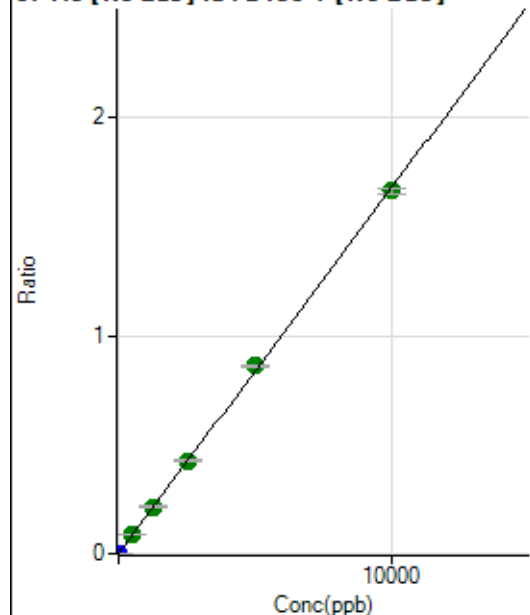
$$DL = 0.004532$$

$$BEC = 0.01881$$

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	0.00	0.0000	P	
2	☐	5.000	4.709	15555.87	0.0008	P	3.1
3	☐	500.000	511.570	1715698.90	0.0859	A	2.0
4	☐	1250.000	1282.123	4190888.42	0.2153	A	2.7
5	☐	2500.000	2545.422	8235595.67	0.4274	A	3.0
6	☐	5000.000	5128.109	16473529.54	0.8612	A	1.2
7	☐	10000.000	9919.996	32900843.10	1.6659	A	1.7
8	☐			12185.94	0.0007	P	6.8

$$y = 1.6793\text{E-}004 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

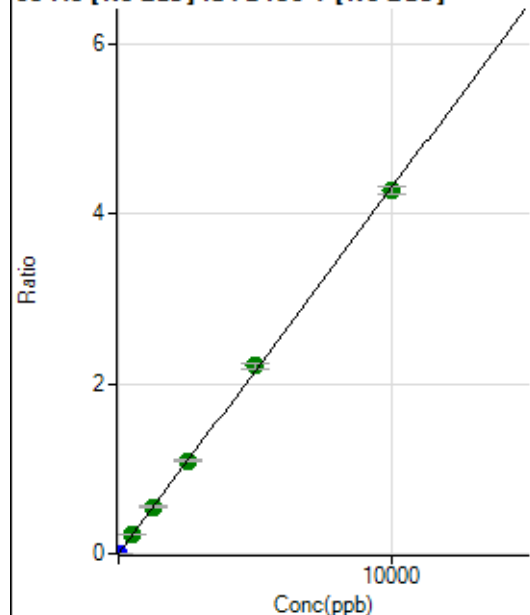
$$DL = 0$$

$$BEC = 0$$

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	38.89	0.0000	P	44.5
2	☐	5.000	4.749	40289.74	0.0020	P	3.7
3	☐	500.000	509.101	4381365.89	0.2194	A	2.6
4	☐	1250.000	1270.261	10654429.40	0.5474	A	2.8
5	☐	2500.000	2539.652	21084933.63	1.0943	A	2.8
6	☐	5000.000	5137.746	42352445.05	2.2139	A	2.7
7	☐	10000.000	9918.227	84407263.00	4.2738	A	2.1
8	☐			29513.92	0.0016	P	7.4

$$y = 4.3090\text{E-}004 * x + 1.9595\text{E-}006$$

$$R = 0.9998$$

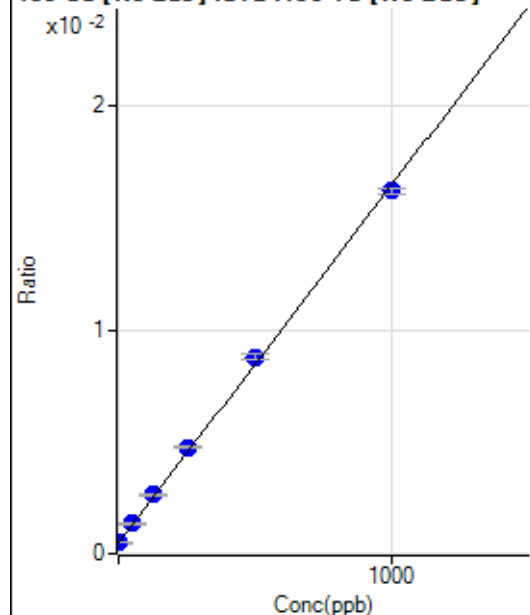
$$DL = 0.006068$$

$$BEC = 0.004547$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7074.12	0.0005	P	3.6
2	☐	1.000	1.321	7432.64	0.0005	P	3.4
3	☐	50.000	53.564	19994.83	0.0013	P	3.5
4	☐	125.000	134.312	38905.53	0.0026	P	2.2
5	☐	250.000	267.128	70647.54	0.0047	P	2.1
6	☐	500.000	520.663	129430.38	0.0088	P	3.4
7	☐	1000.000	984.044	246960.79	0.0162	P	1.7
8	☐			6401.59	0.0005	P	5.8

$$y = 1.5979\text{E-}005 * x + 4.8115\text{E-}004$$

$$R = 0.9995$$

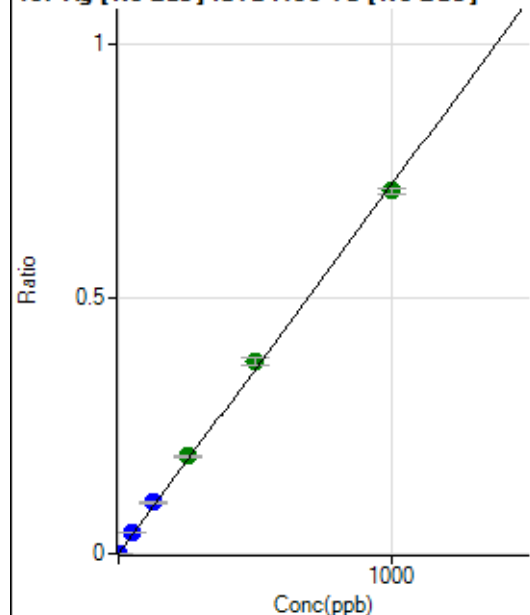
$$DL = 3.284$$

$$BEC = 30.11$$

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	80.56	0.0000	P	52.7
2	☐	1.000	1.121	12077.56	0.0008	P	6.8
3	☐	50.000	56.078	606794.90	0.0406	P	2.3
4	☐	125.000	138.648	1485795.80	0.1003	P	1.5
5	☐	250.000	264.303	2844184.07	0.1912	A	2.7
6	☐	500.000	521.780	5551820.70	0.3775	A	3.4
7	☐	1000.000	983.524	10843738.61	0.7115	A	1.6
8	☐			5192.74	0.0004	P	10.0

$$y = 7.2346\text{E-}004 * x + 5.4907\text{E-}006$$

$$R = 0.9995$$

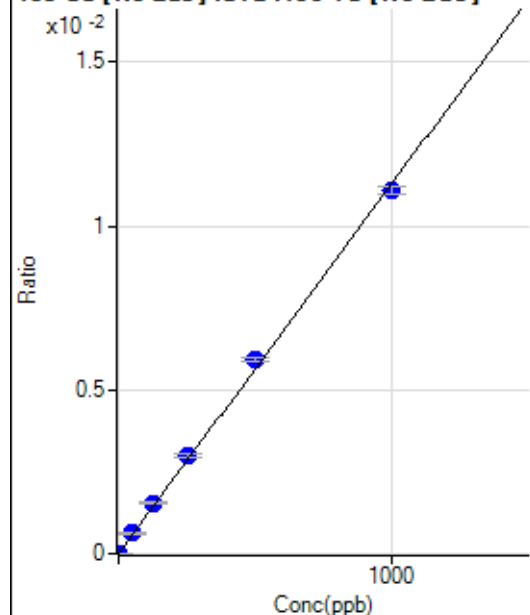
$$DL = 0.01201$$

$$BEC = 0.007589$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.28	0.0000	P	15.1
2	☐	1.000	0.957	175.00	0.0000	P	7.5
3	☐	50.000	55.308	9343.40	0.0006	P	4.6
4	☐	125.000	137.280	22951.72	0.0015	P	3.6
5	☐	250.000	265.038	44475.38	0.0030	P	3.9
6	☐	500.000	525.580	87198.48	0.0059	P	2.9
7	☐	1000.000	981.650	168731.45	0.0111	P	2.3
8	☐			102.78	0.0000	P	30.3

$$y = 1.1278\text{E-}005 * x + 1.0387\text{E-}006$$

$$R = 0.9993$$

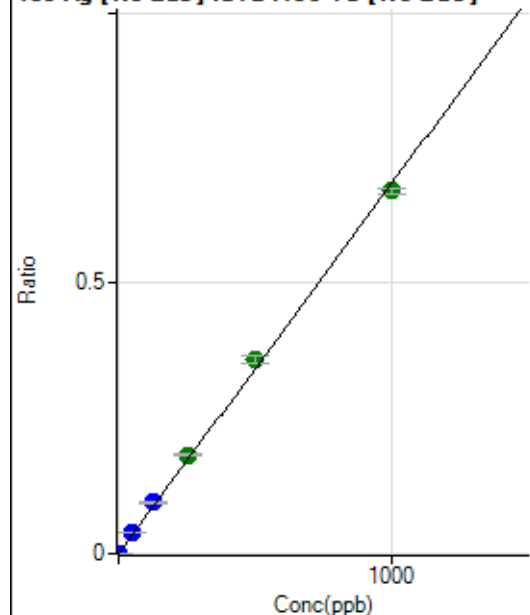
$$DL = 0.04177$$

$$BEC = 0.0921$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.34	0.0000	P	42.8
2	☐	1.000	1.101	11171.21	0.0008	P	3.7
3	☐	50.000	56.172	574642.14	0.0384	P	3.1
4	☐	125.000	137.805	1396196.86	0.0943	P	2.7
5	☐	250.000	266.373	2710155.98	0.1822	A	2.9
6	☐	500.000	526.102	5292960.58	0.3599	A	3.8
7	☐	1000.000	980.946	10225682.35	0.6710	A	1.8
8	☐			4748.13	0.0003	P	6.3

$$y = 6.8403\text{E-}004 * x + 2.2632\text{E-}006$$

$$R = 0.9993$$

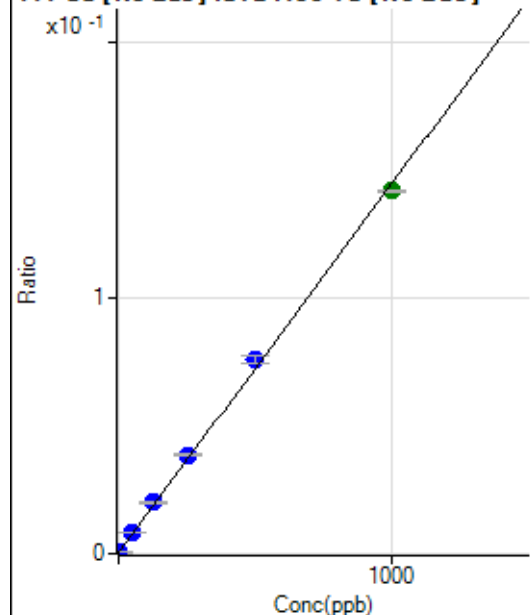
$$DL = 0.004253$$

$$BEC = 0.003309$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4945.35	0.0003	P	3.6
2	☐	1.000	1.093	7311.09	0.0005	P	1.9
3	☐	50.000	55.386	124536.72	0.0083	P	3.8
4	☐	125.000	135.934	295473.36	0.0199	P	1.3
5	☐	250.000	265.939	575734.04	0.0387	P	2.9
6	☐	500.000	525.405	1119823.71	0.0761	P	4.0
7	☐	1000.000	981.676	2163670.37	0.1420	A	0.7
8	☐			5385.60	0.0004	P	5.7

$$y = 1.4428\text{E-}004 * x + 3.3636\text{E-}004$$

$$R = 0.9993$$

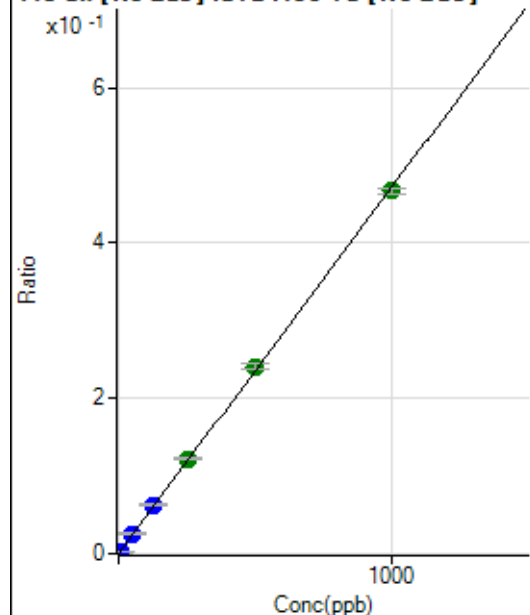
$$DL = 0.2494$$

$$BEC = 2.331$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1464.02	0.0001	P	4.1
2	☐	5.000	5.154	37402.24	0.0025	P	2.3
3	☐	50.000	54.207	383503.32	0.0256	P	3.2
4	☐	125.000	132.652	927435.93	0.0626	P	1.9
5	☐	250.000	258.832	1815759.22	0.1221	A	3.0
6	☐	500.000	511.076	3543819.72	0.2409	A	3.4
7	☐	1000.000	991.086	7119152.20	0.4671	A	1.5
8	☐			13267.52	0.0010	P	2.8

$$y = 4.7124\text{E-}004 * x + 9.9574\text{E-}005$$

$$R = 0.9999$$

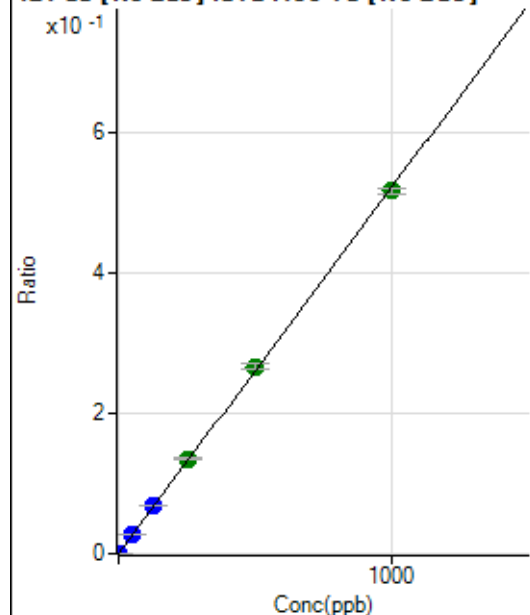
$$DL = 0.02623$$

$$BEC = 0.2113$$

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	44.44	0.0000	P	28.7
2	☐	2.000	2.062	15981.54	0.0011	P	3.4
3	☐	50.000	52.932	413701.14	0.0277	P	3.4
4	☐	125.000	131.233	1015783.70	0.0686	P	2.2
5	☐	250.000	258.668	2010897.38	0.1352	A	1.8
6	☐	500.000	511.430	3931108.55	0.2673	A	2.9
7	☐	1000.000	991.192	7893636.03	0.5180	A	1.5
8	☐			7969.07	0.0006	P	2.0

$$y = 5.2256\text{E-}004 * x + 3.0246\text{E-}006$$

$$R = 0.9999$$

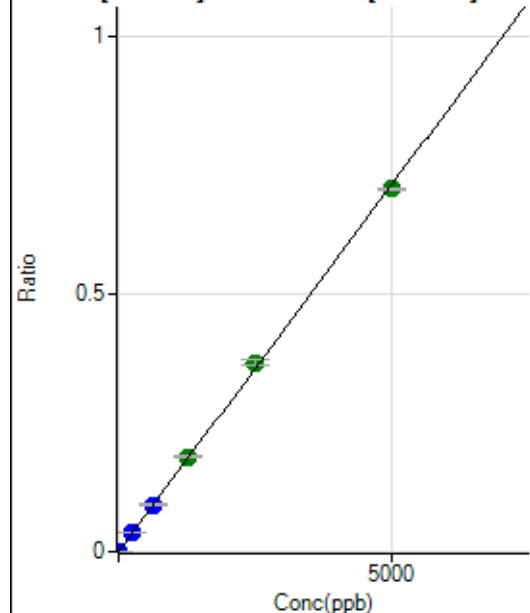
$$DL = 0.00499$$

$$BEC = 0.005788$$

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	2.78	0.0000	P	173.2
2	☐	10.000	9.733	20493.13	0.0014	P	3.1
3	☐	250.000	259.561	552427.45	0.0369	P	2.3
4	☐	625.000	638.696	1346327.19	0.0909	P	1.4
5	☐	1250.000	1291.189	2733319.03	0.1838	A	2.9
6	☐	2500.000	2579.044	5398004.46	0.3670	A	3.4
7	☐	5000.000	4947.991	10731566.99	0.7042	A	0.6
8	☐			4964.88	0.0004	P	4.0

$$y = 1.4232\text{E-}004 * x + 1.9048\text{E-}007$$

$$R = 0.9998$$

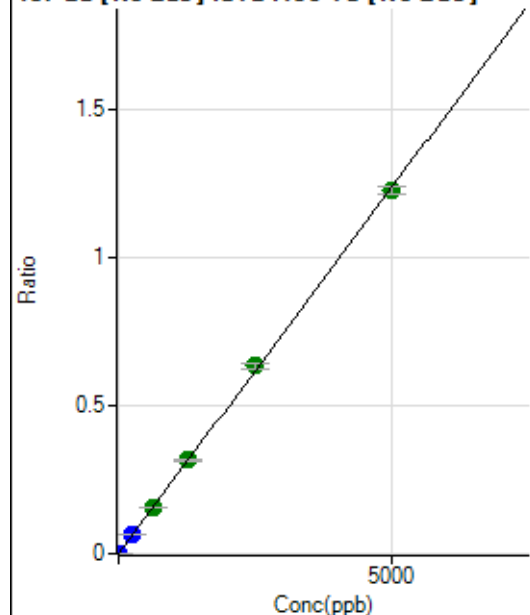
$$DL = 0.006954$$

$$BEC = 0.001338$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.6
2	☐	10.000	9.946	36311.12	0.0025	P	3.0
3	☐	250.000	260.695	961427.26	0.0643	P	2.8
4	☐	625.000	639.324	2335038.42	0.1577	A	1.3
5	☐	1250.000	1276.601	4682695.72	0.3148	A	3.1
6	☐	2500.000	2565.122	9304397.26	0.6326	A	2.8
7	☐	5000.000	4958.464	18634301.46	1.2228	A	2.2
8	☐			9325.53	0.0007	P	4.8

$$y = 2.4660\text{E-}004 * x + 1.8945\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01074$$

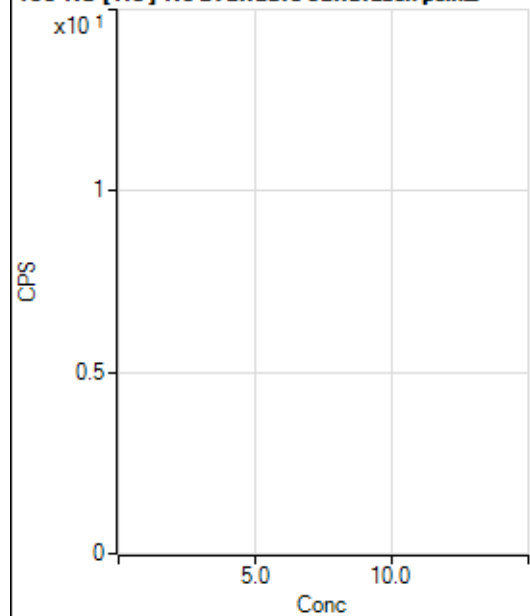
$$BEC = 0.007682$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			6.67		P	0.0
3	☐			51.11		P	19.9
4	☐			144.45		P	20.8
5	☐			273.34		P	8.8
6	☐			462.24		P	17.2
7	☐			1004.50		P	3.1
8	☐			142.22		P	11.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			3.33		P	100.1
3	☐			18.89		P	36.7
4	☐			17.78		P	28.6
5	☐			41.11		P	38.3
6	☐			95.56		P	10.1
7	☐			218.89		P	16.0
8	☐			54.44		P	18.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐			19.44		P	49.5
3	☐			61.11		P	31.5
4	☐			61.11		P	15.7
5	☐			144.45		P	12.0
6	☐			297.23		P	8.1
7	☐			480.58		P	10.2
8	☐			1380.67		P	1.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			5.56		P	34.7
3	☐			36.67		P	15.7
4	☐			74.44		P	29.8
5	☐			137.78		P	1.4
6	☐			301.12		P	7.4
7	☐			631.13		P	6.6
8	☐			963.38		P	3.3

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

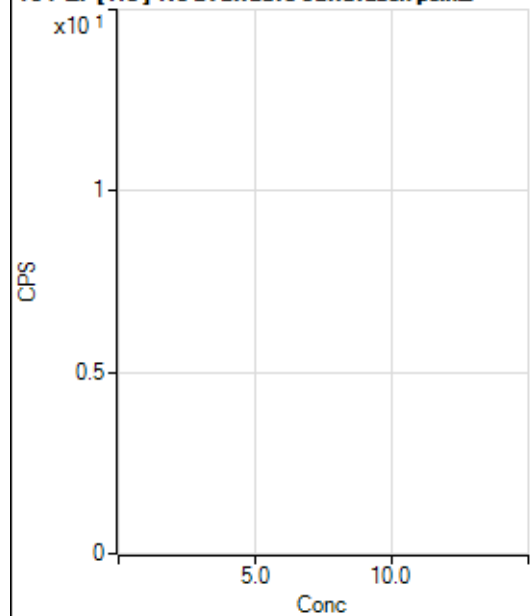
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	37.6
2	☐			83.33		P	17.3
3	☐			122.22		P	51.2
4	☐			119.45		P	16.1
5	☐			136.12		P	14.1
6	☐			238.90		P	31.7
7	☐			341.68		P	4.2
8	☐			1222.31		P	12.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			443.34		P	6.4
2	☐			436.68		P	5.8
3	☐			452.23		P	10.0
4	☐			467.79		P	9.7
5	☐			531.13		P	5.3
6	☐			646.69		P	5.1
7	☐			690.03		P	4.7
8	☐			1291.18		P	6.9

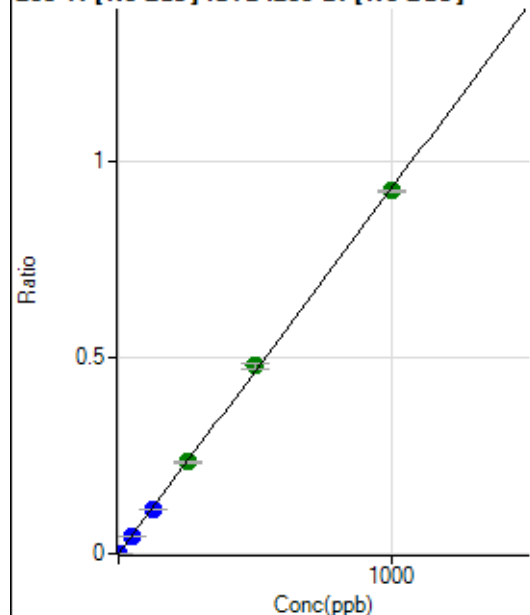
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	48.2
2	☐			55.56		P	22.9
3	☐			69.45		P	18.3
4	☐			91.67		P	18.2
5	☐			97.23		P	47.2
6	☐			88.89		P	19.5
7	☐			183.34		P	13.6
8	☐			172.23		P	20.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	20.3
2	☐			27.78		P	42.1
3	☐			41.11		P	26.1
4	☐			45.56		P	36.1
5	☐			55.56		P	25.0
6	☐			93.33		P	27.0
7	☐			110.00		P	12.1
8	☐			107.78		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	14.3
2	☐	1.000	0.933	8130.43	0.0009	P	1.8
3	☐	50.000	49.154	429790.67	0.0459	P	2.1
4	☐	125.000	120.493	1052683.43	0.1125	P	1.2
5	☐	250.000	251.330	2174651.11	0.2346	A	2.9
6	☐	500.000	514.274	4341916.37	0.4800	A	2.8
7	☐	1000.000	993.136	8470916.94	0.9270	A	0.5
8	☐			2175.24	0.0003	P	9.6

$$y = 9.3340\text{E-}004 * x + 9.5015\text{E-}006$$

$$R = 0.9998$$

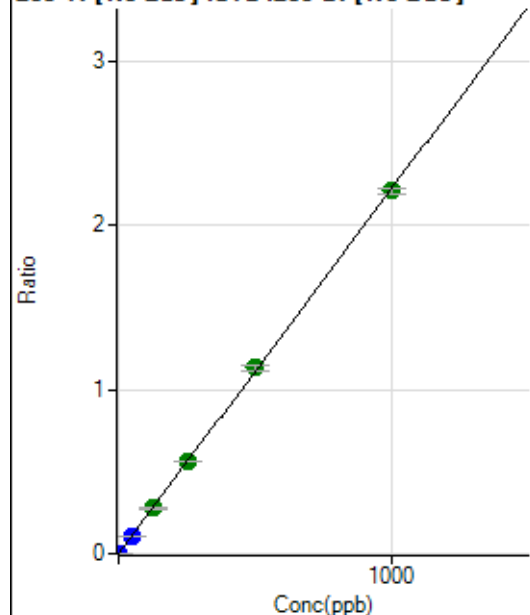
$$DL = 0.00436$$

$$BEC = 0.01018$$

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	191.67	0.0000	P	19.7
2	☐	1.000	0.948	19628.46	0.0021	P	3.2
3	☐	50.000	48.811	1015644.08	0.1084	P	2.3
4	☐	125.000	124.005	2578007.41	0.2755	A	1.6
5	☐	250.000	251.486	5177804.37	0.5586	A	0.8
6	☐	500.000	510.936	10265065.33	1.1349	A	3.1
7	☐	1000.000	994.344	20182753.05	2.2086	A	1.3
8	☐			5292.85	0.0007	P	13.2

$$y = 0.0022 * x + 2.0482\text{E-}005$$

$$R = 0.9999$$

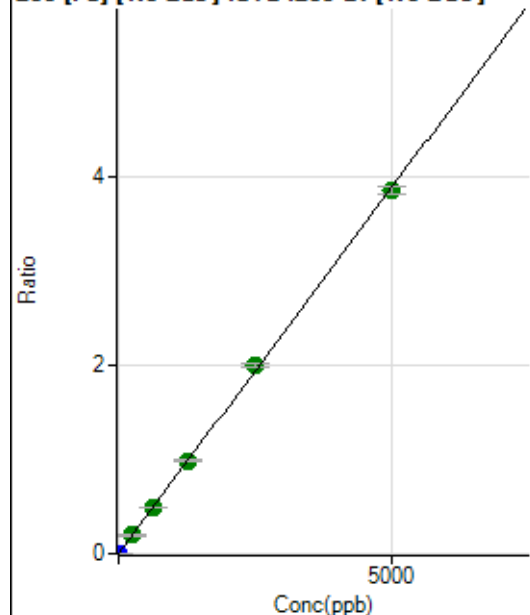
$$DL = 0.005441$$

$$BEC = 0.009221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	146.30	0.0000	P	22.2
2	☐	1.000	0.890	6529.45	0.0007	P	6.0
3	☐	250.000	251.556	1830439.47	0.1954	A	1.7
4	☐	625.000	624.185	4538307.60	0.4849	A	1.4
5	☐	1250.000	1272.637	9164313.92	0.9887	A	2.8
6	☐	2500.000	2572.823	18078346.93	1.9987	A	2.8
7	☐	5000.000	4957.953	35195687.13	3.8516	A	2.2
8	☐			8204.45	0.0011	P	0.7

$$y = 7.7685E-004 * x + 1.5638E-005$$

$$R = 0.9998$$

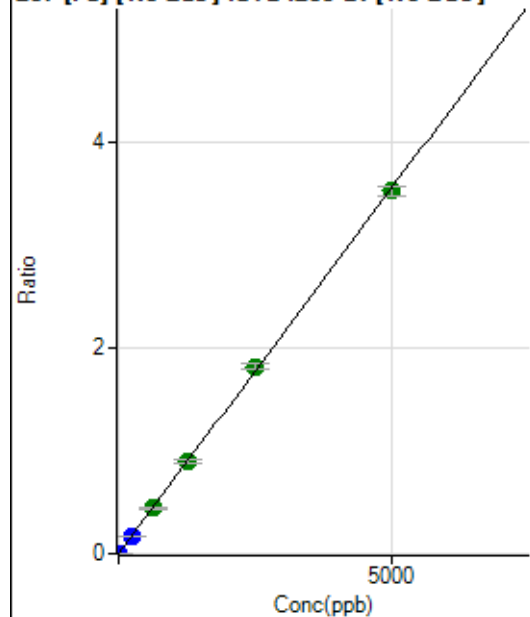
$$DL = 0.01342$$

$$BEC = 0.02013$$

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	116.67	0.0000	P	8.4
2	☐	1.000	0.878	5879.16	0.0006	P	0.6
3	☐	250.000	240.987	1604370.15	0.1713	P	3.2
4	☐	625.000	618.869	4116842.28	0.4399	A	1.1
5	☐	1250.000	1265.128	8335670.61	0.8992	A	3.0
6	☐	2500.000	2565.619	16494596.90	1.8236	A	2.3
7	☐	5000.000	4964.625	32245200.49	3.5287	A	2.8
8	☐			7435.49	0.0010	P	2.9

$$y = 7.1076E-004 * x + 1.2473E-005$$

$$R = 0.9999$$

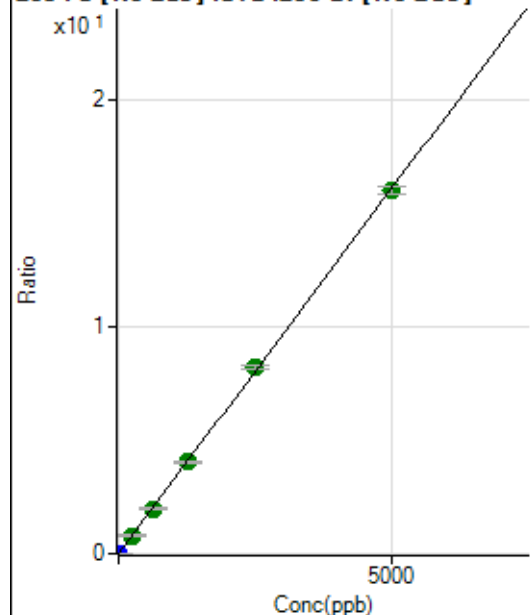
$$DL = 0.004445$$

$$BEC = 0.01755$$

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	527.80	0.0001	P	2.0
2	☐	1.000	0.890	26898.02	0.0029	P	3.7
3	☐	250.000	248.166	7462082.30	0.7967	A	2.0
4	☐	625.000	618.696	18588896.51	1.9862	A	0.7
5	☐	1250.000	1260.156	37499999.57	4.0454	A	2.3
6	☐	2500.000	2556.545	74234902.58	8.2071	A	2.6
7	☐	5000.000	4970.068	145799171.7	15.9551	A	2.2
8	☐			34002.58	0.0045	P	2.7

$$y = 0.0032 * x + 5.6419E-005$$

$$R = 0.9999$$

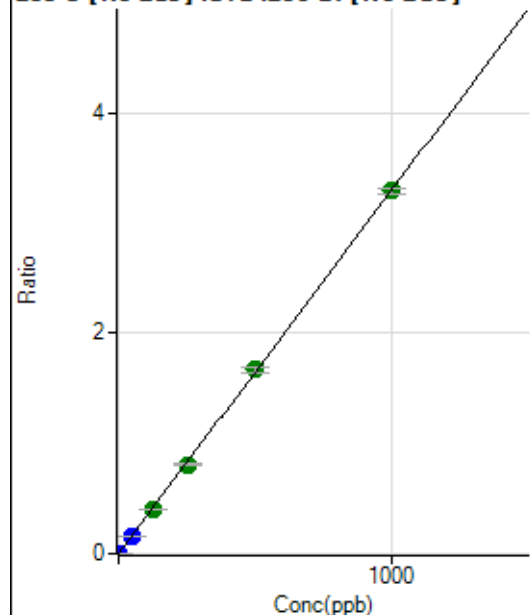
$$DL = 0.001073$$

$$BEC = 0.01757$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	1.000	0.903	27528.97	0.0030	P	2.9
3	☐	50.000	46.586	1439601.08	0.1537	P	2.7
4	☐	125.000	120.484	3720451.17	0.3975	A	2.2
5	☐	250.000	244.779	7486432.29	0.8076	A	1.8
6	☐	500.000	507.107	15133494.61	1.6731	A	2.8
7	☐	1000.000	998.487	30103963.52	3.2943	A	1.7
8	☐			3142.11	0.0004	P	7.6

$$y = 0.0033 * x + 8.9125E-007$$

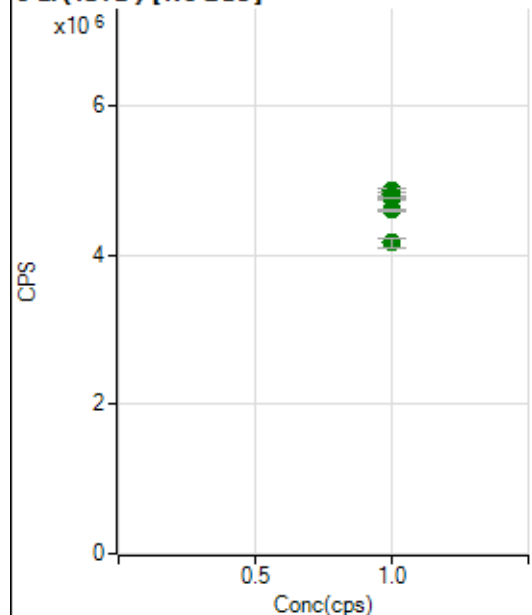
$$R = 0.9999$$

$$DL = 0.0008095$$

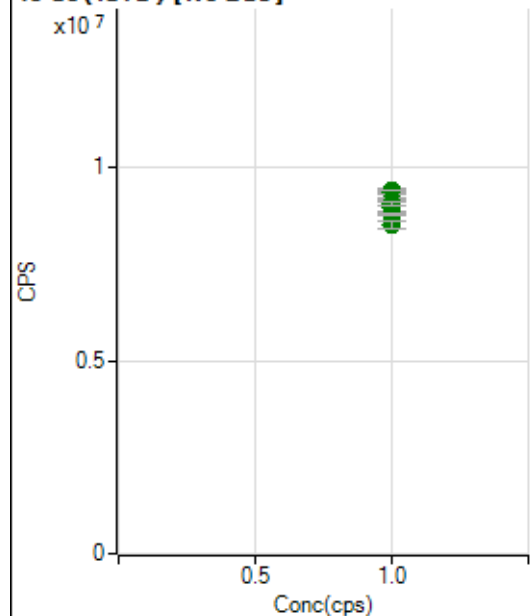
$$BEC = 0.0002701$$

Weight: <None>

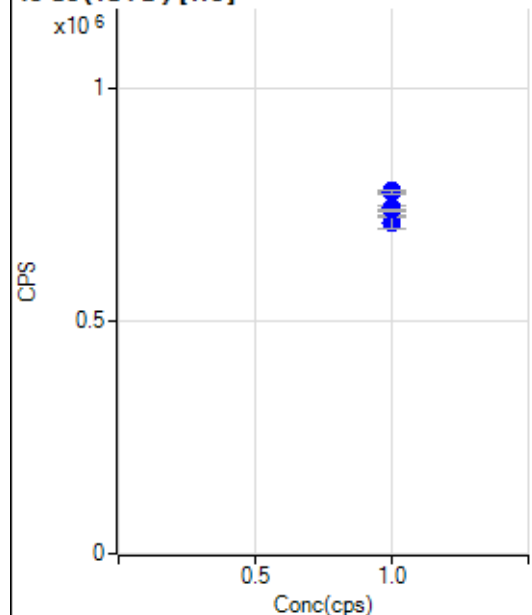
Min Conc: 0

6 Li (ISTD) [No Gas]

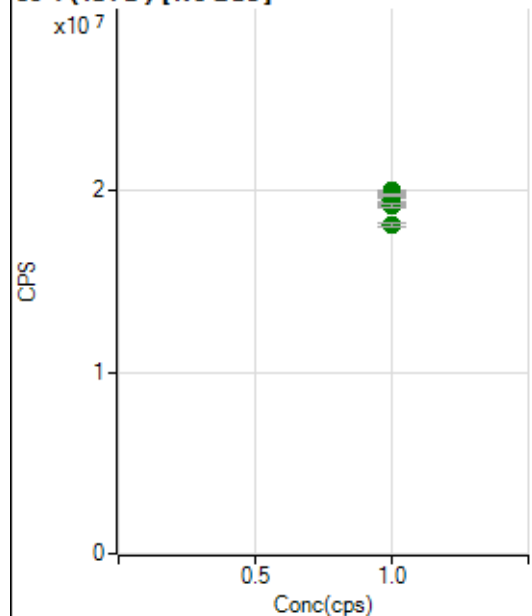
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4814350.10		A	1.2
2	☐	1.000		4858909.61		A	1.2
3	☐	1.000		4789811.46		A	0.5
4	☐	1.000		4763872.95		A	0.6
5	☐	1.000		4767512.01		A	0.4
6	☐	1.000		4604170.00		A	0.5
7	☐	1.000		4606644.89		A	0.4
8	☐	1.000		4163096.08		A	2.8

45 Sc (ISTD) [No Gas]

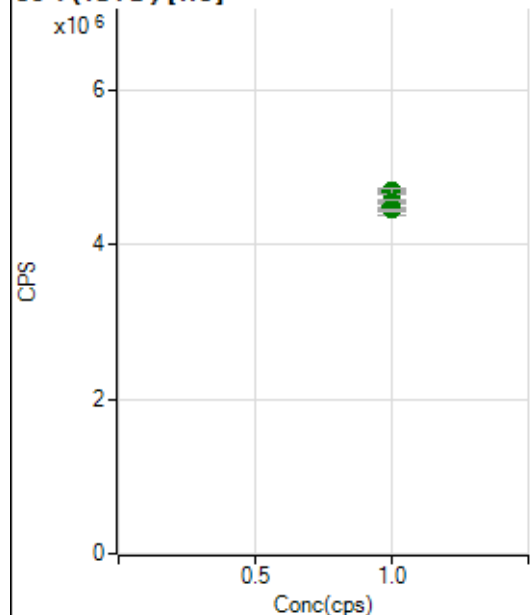
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9404174.03		A	0.9
2	☐	1.000		9393640.14		A	1.3
3	☐	1.000		9358343.47		A	1.0
4	☐	1.000		9185023.13		A	0.4
5	☐	1.000		8951120.07		A	1.8
6	☐	1.000		8784568.34		A	0.3
7	☐	1.000		9079754.59		A	0.9
8	☐	1.000		8518194.87		A	2.3

45 Sc (ISTD) [He]

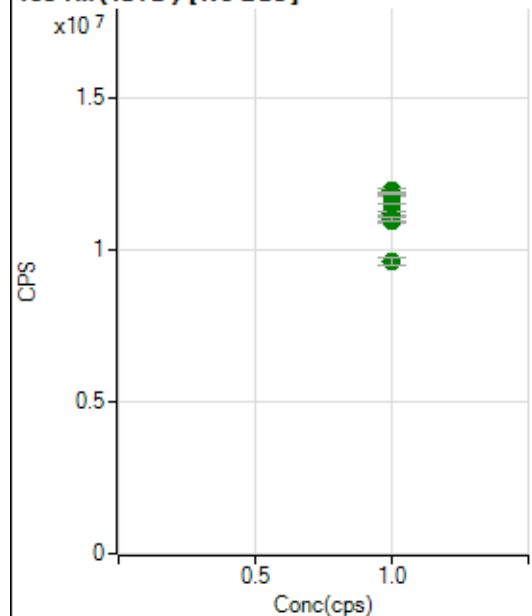
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		778481.12		P	0.6
2	☐	1.000		775313.66		P	0.8
3	☐	1.000		774127.88		P	1.2
4	☐	1.000		743381.37		P	0.8
5	☐	1.000		725448.61		P	0.4
6	☐	1.000		725227.62		P	0.6
7	☐	1.000		710905.64		P	3.5
8	☐	1.000		737349.94		P	0.4

89 Y (ISTD) [No Gas]

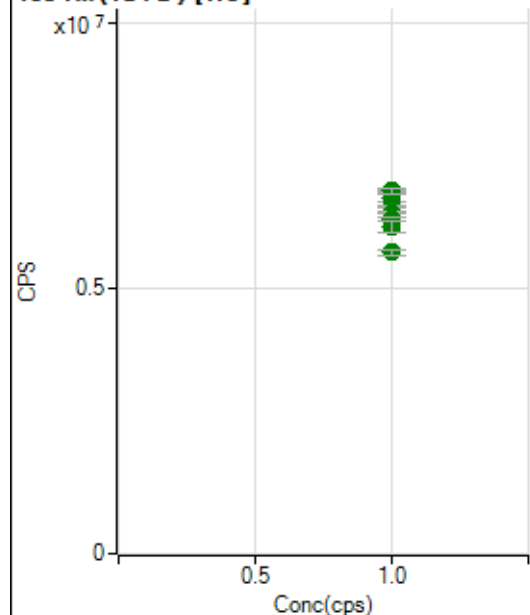
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19834442.07		A	0.5
2	☐	1.000		19675318.18		A	1.0
3	☐	1.000		19971117.76		A	0.3
4	☐	1.000		19469103.46		A	1.8
5	☐	1.000		19271805.83		A	1.4
6	☐	1.000		19128934.85		A	1.3
7	☐	1.000		19750242.48		A	0.8
8	☐	1.000		18082862.79		A	1.5

89 Y(ISTD) [He]

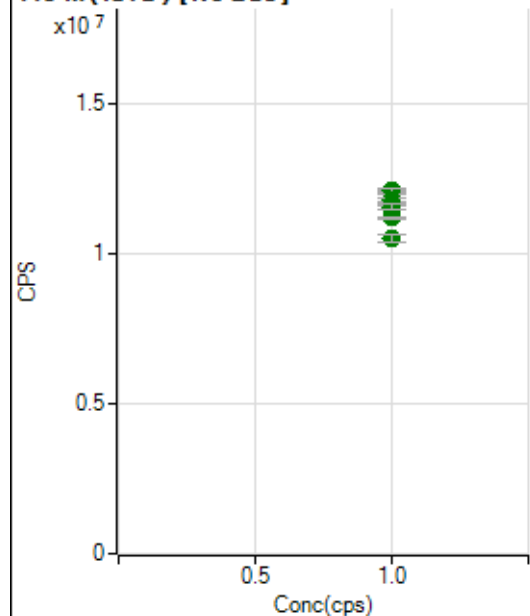
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4672305.24		A	0.5
2	☐	1.000		4681081.22		A	1.3
3	☐	1.000		4693090.38		A	1.5
4	☐	1.000		4548127.54		A	1.4
5	☐	1.000		4478496.25		A	0.3
6	☐	1.000		4513393.40		A	1.4
7	☐	1.000		4479023.33		A	4.1
8	☐	1.000		4446598.72		A	0.4

103 Rh(ISTD) [No Gas]

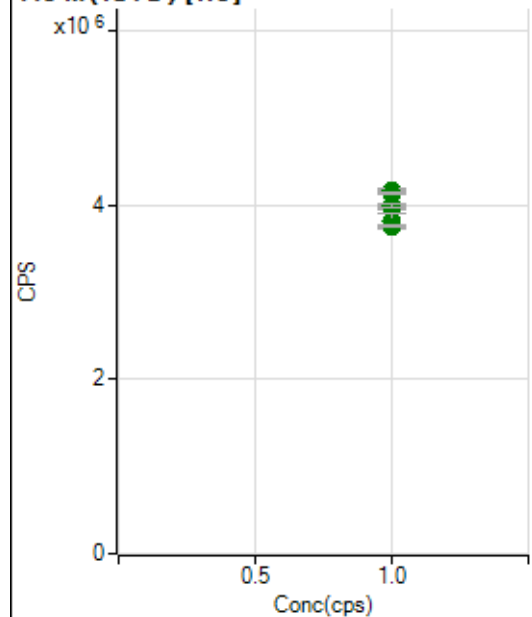
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11932424.54		A	1.2
2	☐	1.000		11830271.63		A	1.0
3	☐	1.000		11844179.13		A	0.8
4	☐	1.000		11529176.01		A	0.1
5	☐	1.000		11193867.68		A	1.6
6	☐	1.000		10910545.11		A	0.5
7	☐	1.000		11016277.20		A	0.8
8	☐	1.000		9619040.27		A	2.5

103 Rh (ISTD) [He]

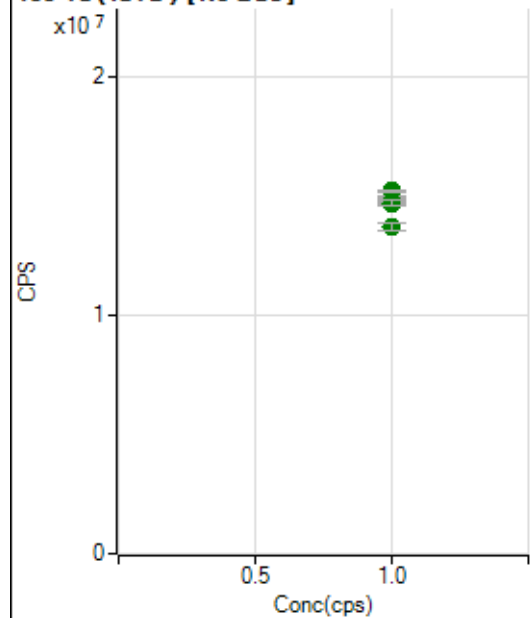
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6813635.80		A	0.3
2	☐	1.000		6703552.47		A	1.9
3	☐	1.000		6829163.09		A	1.2
4	☐	1.000		6537658.65		A	0.9
5	☐	1.000		6423236.09		A	0.2
6	☐	1.000		6292367.96		A	1.2
7	☐	1.000		6148007.61		A	3.6
8	☐	1.000		5671684.33		A	1.8

115 In (ISTD) [No Gas]

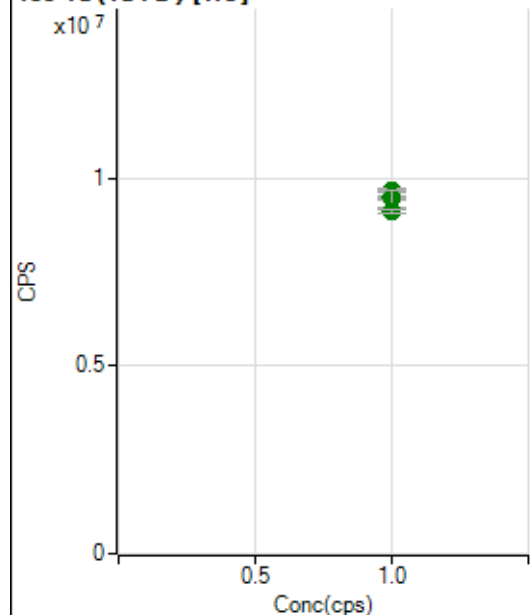
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12091502.52		A	0.1
2	☐	1.000		11964801.38		A	1.3
3	☐	1.000		12092021.14		A	1.2
4	☐	1.000		11774589.31		A	1.0
5	☐	1.000		11639834.49		A	0.4
6	☐	1.000		11202477.25		A	0.6
7	☐	1.000		11546914.39		A	1.5
8	☐	1.000		10511984.49		A	1.9

115 In (ISTD) [He]

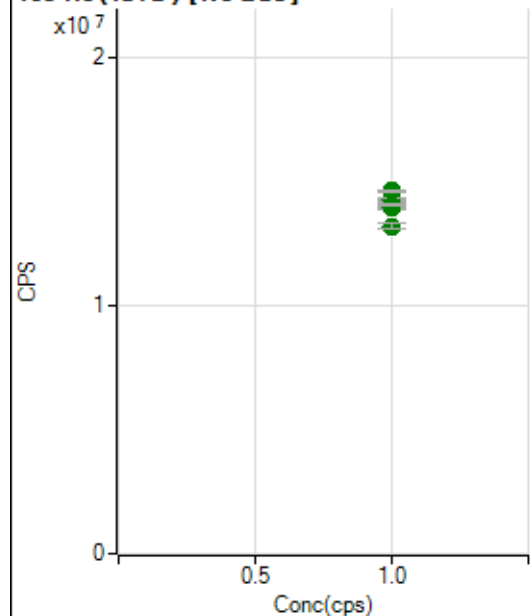
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4161996.80		A	0.8
2	☐	1.000		4168540.88		A	1.3
3	☐	1.000		4142606.02		A	1.0
4	☐	1.000		3997256.29		A	1.1
5	☐	1.000		3973503.56		A	1.4
6	☐	1.000		3995115.93		A	0.8
7	☐	1.000		3825032.58		A	4.5
8	☐	1.000		3766714.98		A	0.4

159 Tb (ISTD) [No Gas]

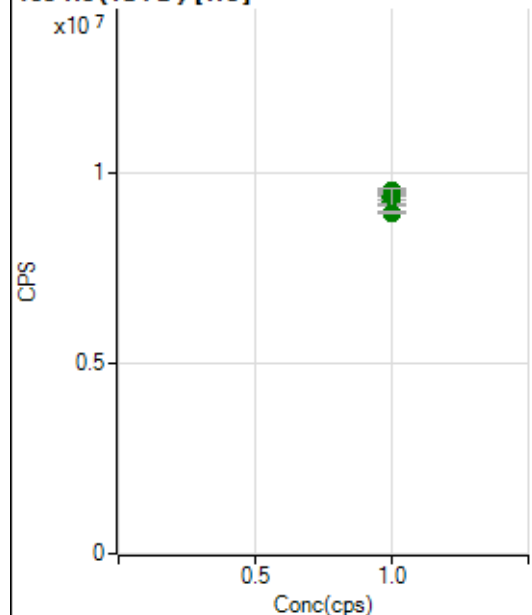
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14699818.11		A	0.8
2	☐	1.000		14795167.97		A	1.3
3	☐	1.000		14954922.56		A	0.1
4	☐	1.000		14812204.92		A	1.9
5	☐	1.000		14877955.89		A	1.5
6	☐	1.000		14711754.09		A	1.7
7	☐	1.000		15239826.03		A	0.3
8	☐	1.000		13725623.68		A	2.3

159 Tb (ISTD) [He]

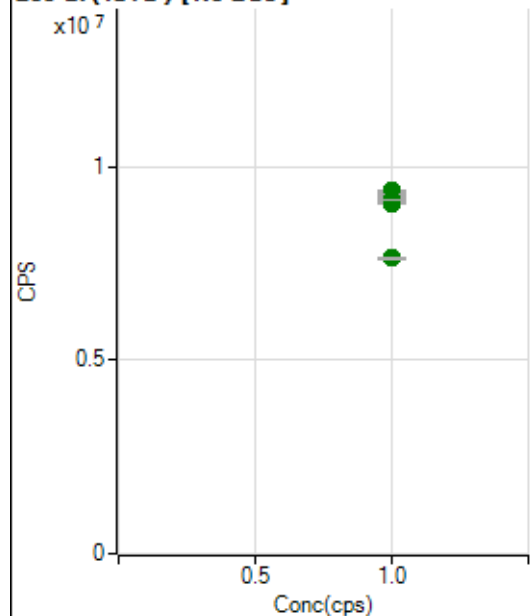
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9516809.44		A	0.9
2	☐	1.000		9467932.77		A	1.1
3	☐	1.000		9672977.70		A	1.1
4	☐	1.000		9481558.75		A	0.8
5	☐	1.000		9499446.87		A	0.6
6	☐	1.000		9552466.80		A	1.5
7	☐	1.000		9469410.00		A	5.0
8	☐	1.000		9124645.56		A	0.9

165 Ho (ISTD) [No Gas]

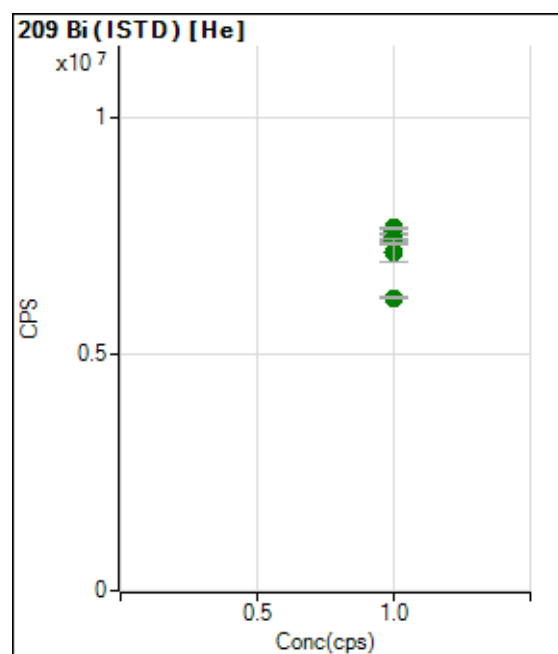
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13998754.79		A	0.8
2	☐	1.000		13943885.35		A	0.9
3	☐	1.000		14285163.81		A	0.3
4	☐	1.000		14219822.15		A	1.3
5	☐	1.000		14280169.23		A	1.0
6	☐	1.000		14062425.21		A	0.4
7	☐	1.000		14625895.89		A	0.4
8	☐	1.000		13184618.83		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9358941.53		A	1.9
2	☐	1.000		9333803.82		A	1.0
3	☐	1.000		9518022.36		A	0.1
4	☐	1.000		9231397.43		A	1.3
5	☐	1.000		9435492.22		A	0.9
6	☐	1.000		9463235.34		A	0.6
7	☐	1.000		9373950.49		A	4.9
8	☐	1.000		8942974.24		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9355209.03		A	0.3
2	☐	1.000		9234124.72		A	0.6
3	☐	1.000		9365531.67		A	0.6
4	☐	1.000		9358885.69		A	0.2
5	☐	1.000		9269373.41		A	0.7
6	☐	1.000		9046136.88		A	0.6
7	☐	1.000		9137980.21		A	0.4
8	☐	1.000		7629450.09		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7482919.82		A	1.0
2	☐	1.000		7595013.22		A	1.1
3	☐	1.000		7661167.67		A	0.8
4	☐	1.000		7439020.31		A	1.6
5	☐	1.000		7417590.93		A	0.4
6	☐	1.000		7389806.90		A	1.2
7	☐	1.000		7128297.25		A	4.8
8	☐	1.000		6187012.06		A	0.4