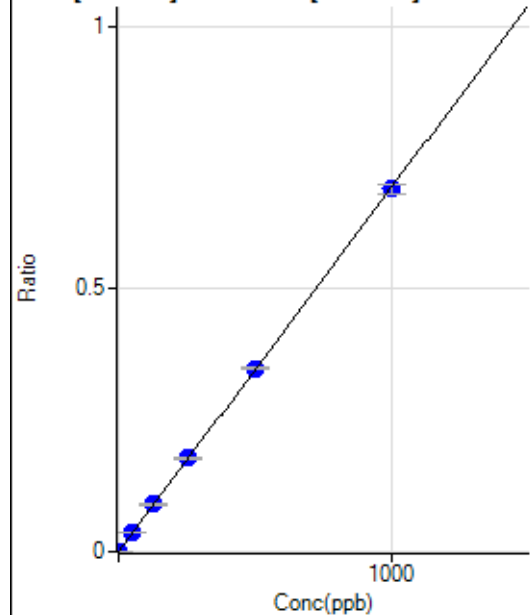


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111023-MS2.b\
 Analysis File: P7111023-MS2.batch.bin
 DA Date-Time: 2023-11-10 13:27:49
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-10 12:22:07
2	005CALS.d	S02	2023-11-10 12:25:22
3	008CALS.d	S03	2023-11-10 12:35:16
4	009CALS.d	S04	2023-11-10 12:38:23
5	010CALS.d	S05	2023-11-10 12:41:23
6	011CALS.d	S06	2023-11-10 12:44:14
7	012CALS.d	S07	2023-11-10 12:47:06
8	013CALS.d	S08	2023-11-10 12:49:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.78	0.0001	P	26.7
2	☐	1.000	1.080	1044.49	0.0008	P	2.6
3	☐	50.000	53.672	49167.43	0.0373	P	2.2
4	☐	125.000	130.289	120197.39	0.0904	P	1.8
5	☐	250.000	257.195	234907.68	0.1784	P	2.3
6	☐	500.000	502.672	453557.22	0.3487	P	1.4
7	☐	1000.000	996.021	863623.36	0.6908	P	2.6
8	☐			505.57	0.0004	P	12.3

$$y = 6.9351E-004 * x + 8.3320E-005$$

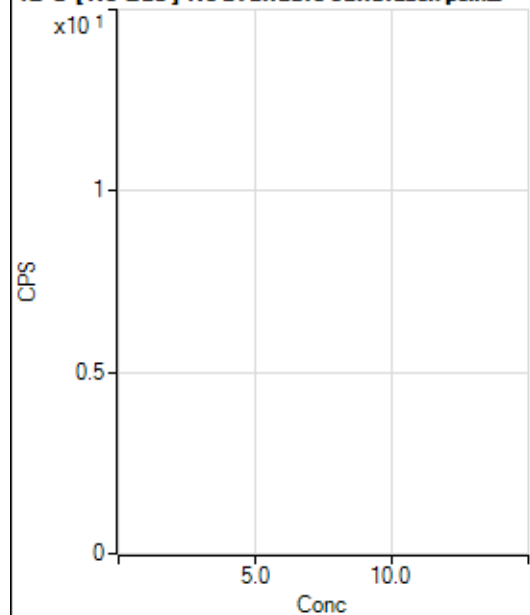
$$R = 1.0000$$

$$DL = 0.09609$$

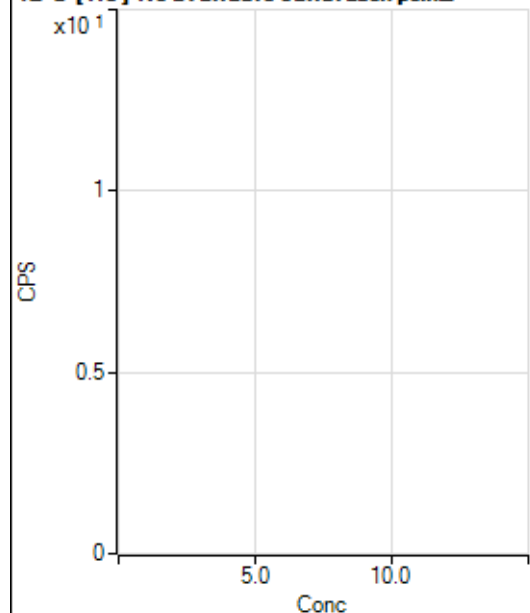
$$BEC = 0.1201$$

Weight: <None>

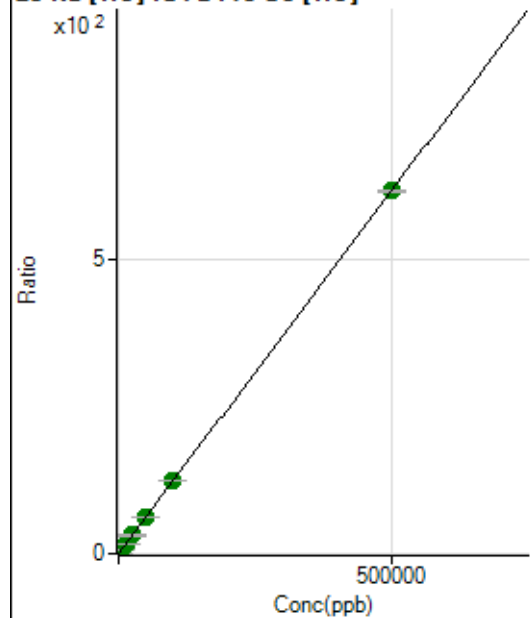
Min Conc: 0

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	9485.20	0.0359	P	2.2
2	☐	500.000	467.282	161530.35	0.6114	P	0.4
3	☐	5000.000	5054.162	1664528.22	6.2614	A	0.8
4	☐	12500.000	12698.287	4010504.70	15.6772	A	0.9
5	☐	25000.000	25155.341	7882955.02	31.0213	A	0.2
6	☐	50000.000	49755.235	15354335.46	61.3226	A	0.6
7	☐	100000.00	100221.32	30239758.16	123.4850	A	1.1
8	☐	500000.00	499966.97	142470942.3	615.8780	A	0.3

$$y = 0.0012 * x + 0.0359$$

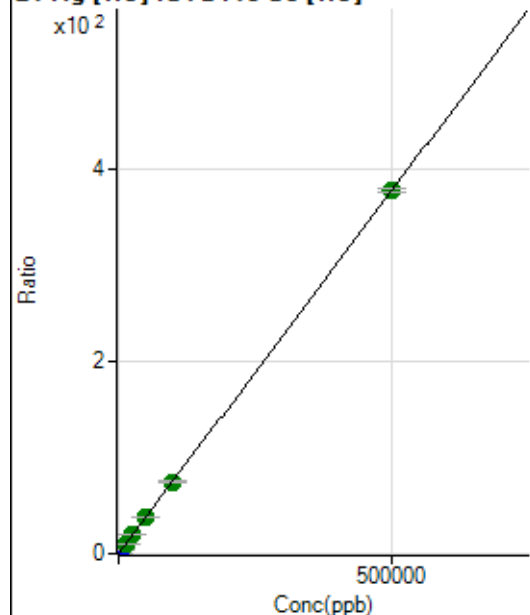
$$R = 1.0000$$

$$DL = 1.896$$

$$BEC = 29.11$$

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	561.13	0.0021	P	1.4
2	☐	500.000	475.379	95311.51	0.3608	P	0.9
3	☐	5000.000	5127.016	1028910.19	3.8704	P	0.7
4	☐	12500.000	12755.366	2462441.28	9.6260	A	1.2
5	☐	25000.000	25338.007	4858303.71	19.1195	A	0.8
6	☐	50000.000	49964.424	9439361.18	37.7000	A	1.1
7	☐	100000.00	99355.373	18357143.89	74.9652	A	1.5
8	☐	500000.00	500107.95	87283508.70	377.3308	A	0.9

$$y = 7.5449\text{E-}004 * x + 0.0021$$

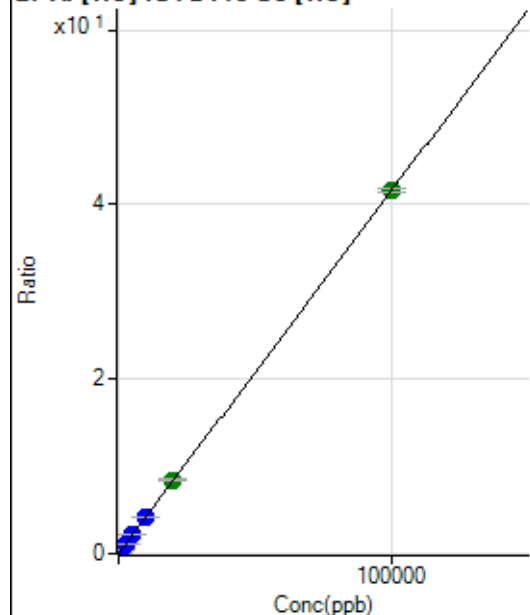
$$R = 1.0000$$

$$DL = 0.1179$$

$$BEC = 2.812$$

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	108.89	0.0004	P	25.0
2	☐	20.000	17.827	2067.94	0.0078	P	1.5
3	☐	1000.000	1037.422	114831.07	0.4320	P	0.2
4	☐	2500.000	2589.924	275704.33	1.0778	P	1.4
5	☐	5000.000	5073.302	536343.75	2.1108	P	1.0
6	☐	10000.000	9990.153	1040640.97	4.1562	P	0.7
7	☐	20000.000	20221.606	2059917.64	8.4123	A	1.8
8	☐	100000.00	99950.377	9617735.13	41.5781	A	1.0

$$y = 4.1598\text{E-}004 * x + 4.1184\text{E-}004$$

$$R = 1.0000$$

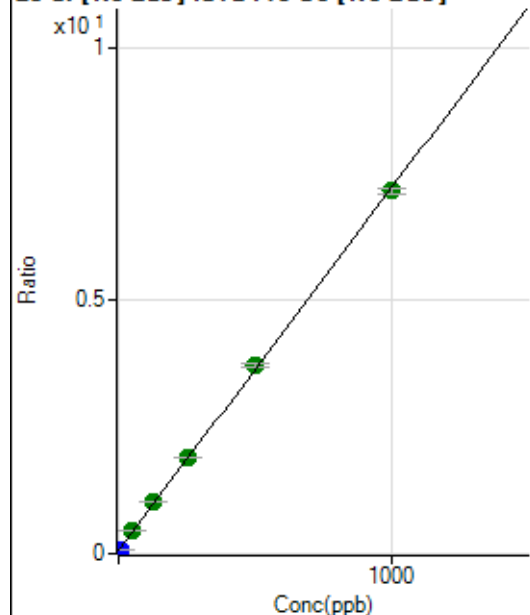
$$DL = 0.7426$$

$$BEC = 0.9901$$

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	228644.95	0.0662	P	1.4
2	☐	10.000	0.926	245021.52	0.0728	P	4.2
3	☐	50.000	56.285	1632387.41	0.4691	A	0.3
4	☐	125.000	133.289	3485464.64	1.0204	A	1.5
5	☐	250.000	256.400	6478596.43	1.9018	A	0.7
6	☐	500.000	509.787	12128187.04	3.7158	A	2.4
7	☐	1000.000	992.247	22822966.05	7.1698	A	1.6
8	☐			279091.42	0.0910	P	3.7

$$y = 0.0072 * x + 0.0662$$

$$R = 0.9998$$

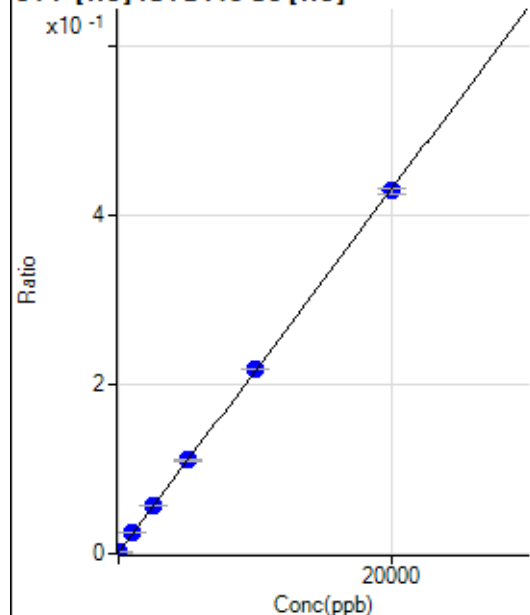
$$DL = 0.4003$$

$$BEC = 9.245$$

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	-18.521	200.00	0.0008	P	12.8
2	☐	0.000	18.521	410.01	0.0016	P	2.8
3	☐	1000.000	1093.820	6554.79	0.0247	P	4.2
4	☐	2500.000	2551.925	14322.33	0.0560	P	0.8
5	☐	5000.000	5079.752	28024.63	0.1103	P	1.8
6	☐	10000.000	10124.986	54760.90	0.2187	P	0.5
7	☐	20000.000	19906.387	105018.11	0.4289	P	1.9
8	☐			243.34	0.0011	P	16.2

$$y = 2.1486E-005 * x + 0.0012$$

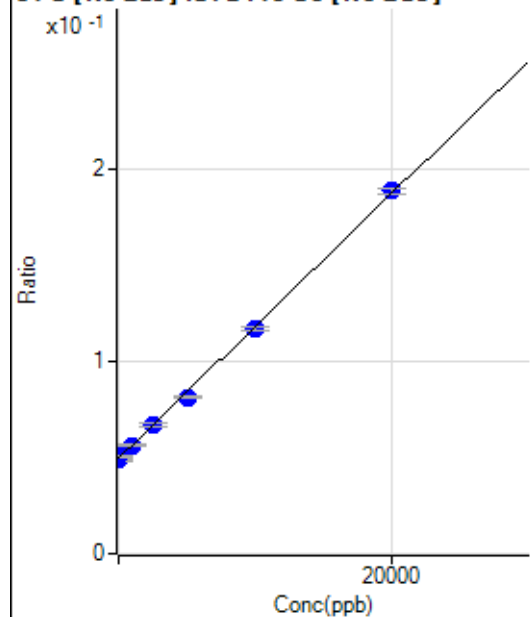
$$R = 1.0000$$

$$DL = 9.819$$

$$BEC = 53.71$$

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	-156.795	167548.14	0.0485	P	0.9
2	☐	0.000	156.795	170531.04	0.0507	P	2.6
3	☐	1000.000	991.084	196274.30	0.0564	P	1.2
4	☐	2500.000	2490.181	227888.87	0.0667	P	2.6
5	☐	5000.000	4605.715	276914.57	0.0813	P	0.8
6	☐	10000.000	9810.880	382303.75	0.1171	P	1.6
7	☐	20000.000	20194.804	600331.38	0.1886	P	1.4
8	☐			151656.00	0.0495	P	0.6

$$y = 6.8835E-006 * x + 0.0496$$

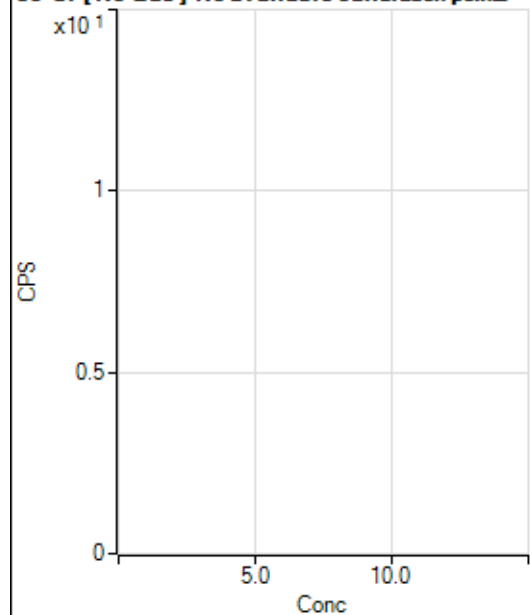
$$R = 0.9996$$

$$DL = 390.2$$

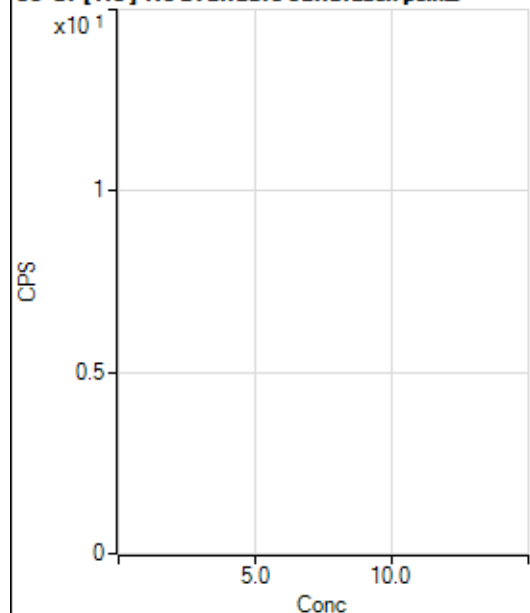
$$BEC = 7204$$

Weight: <None>

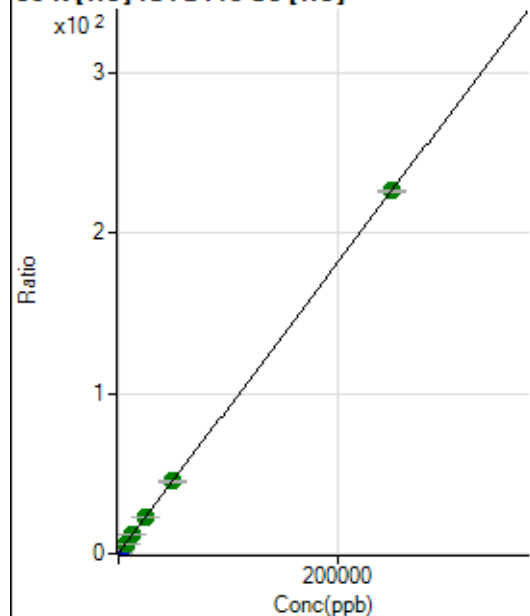
Min Conc: 0

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	49584.90	0.1875	P	1.4
2	☐	500.000	471.638	162056.53	0.6134	P	0.2
3	☐	2500.000	2700.790	698289.72	2.6268	P	0.3
4	☐	6250.000	6378.145	1521583.22	5.9482	A	1.7
5	☐	12500.000	12533.546	2924426.42	11.5077	A	0.5
6	☐	25000.000	24779.376	5650564.08	22.5681	A	1.4
7	☐	50000.000	49549.107	11004900.25	44.9400	A	1.4
8	☐	250000.00	250105.40	52298852.55	226.0818	A	0.3

$$y = 9.0320E-004 * x + 0.1875$$

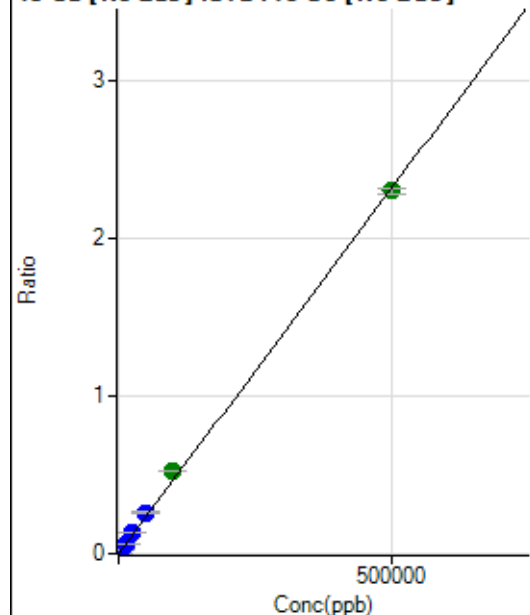
$$R = 1.0000$$

$$DL = 8.711$$

$$BEC = 207.5$$

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	403.34	0.0001	P	6.0
2	☐	500.000	477.782	7845.43	0.0023	P	0.8
3	☐	5000.000	5660.330	91666.62	0.0263	P	0.3
4	☐	12500.000	14184.402	224894.53	0.0658	P	1.6
5	☐	25000.000	27789.715	439023.08	0.1289	P	0.8
6	☐	50000.000	56179.421	850064.45	0.2604	P	1.8
7	☐	100000.00	112782.10	1663895.62	0.5227	A	0.9
8	☐	500000.00	496637.46	7055529.96	2.3014	A	1.8

$$y = 4.6337\text{E-}006 * x + 1.1678\text{E-}004$$

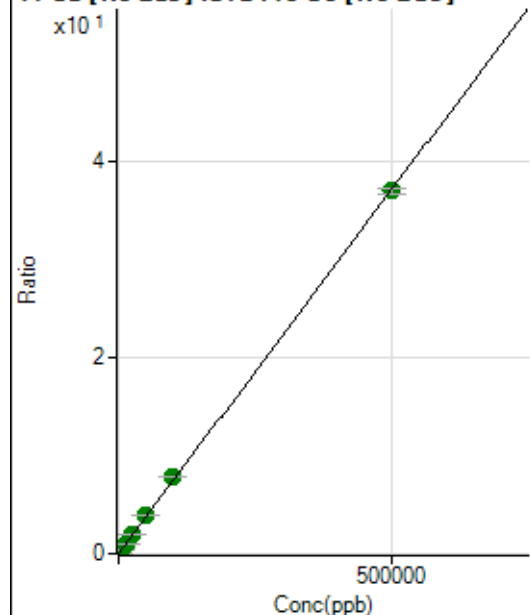
$$R = 0.9996$$

$$DL = 4.555$$

$$BEC = 25.2$$

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	8395.96	0.0024	P	1.4
2	☐	500.000	487.088	129886.96	0.0386	P	1.1
3	☐	5000.000	5224.654	1357933.71	0.3903	A	0.4
4	☐	12500.000	13111.695	3332450.54	0.9757	A	1.9
5	☐	25000.000	25755.174	6521040.87	1.9142	A	0.3
6	☐	50000.000	52342.011	12690279.39	3.8878	A	1.3
7	☐	100000.00	105693.26	24979836.02	7.8481	A	1.6
8	☐	500000.00	498571.86	113469520.5	37.0115	A	1.4

$$y = 7.4230\text{E-}005 * x + 0.0024$$

$$R = 0.9999$$

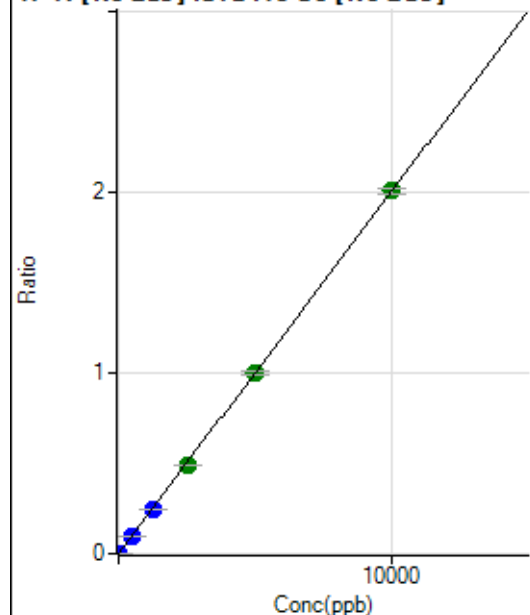
$$DL = 1.407$$

$$BEC = 32.74$$

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	80.00	0.0000	P	40.4
2	☐	5.000	4.826	3330.40	0.0010	P	3.9
3	☐	500.000	495.258	345049.59	0.0992	P	0.9
4	☐	1250.000	1235.199	844698.13	0.2473	P	1.6
5	☐	2500.000	2453.561	1673248.34	0.4912	A	0.7
6	☐	5000.000	4988.503	3259839.47	0.9987	A	1.6
7	☐	10000.000	10019.445	6384903.58	2.0059	A	1.2
8	☐			1173.39	0.0004	P	7.8

$$y = 2.0020\text{E-}004 * x + 2.3116\text{E-}005$$

$$R = 1.0000$$

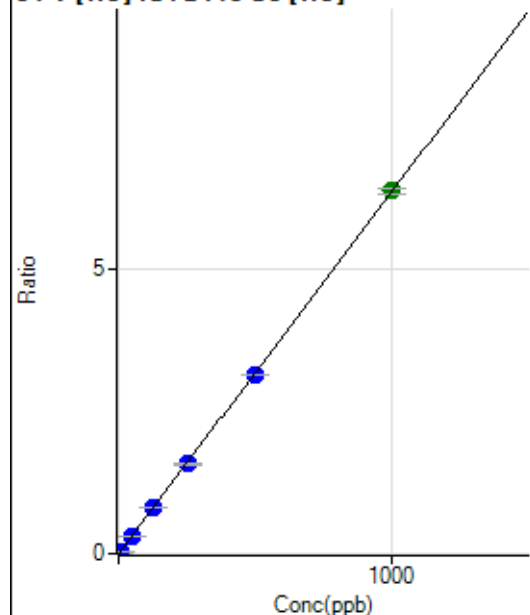
$$DL = 0.1398$$

$$BEC = 0.1155$$

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	42.22	0.0002	P	12.2
2	☐	5.000	4.616	7763.17	0.0294	P	1.0
3	☐	50.000	49.634	83579.50	0.3144	P	0.4
4	☐	125.000	126.201	204435.45	0.7992	P	1.7
5	☐	250.000	247.950	398912.76	1.5700	P	1.4
6	☐	500.000	493.667	782639.25	3.1257	P	0.5
7	☐	1000.000	1003.549	1555992.06	6.3539	A	1.7
8	☐			392.23	0.0017	P	16.8

$$y = 0.0063 * x + 1.5964\text{E-}004$$

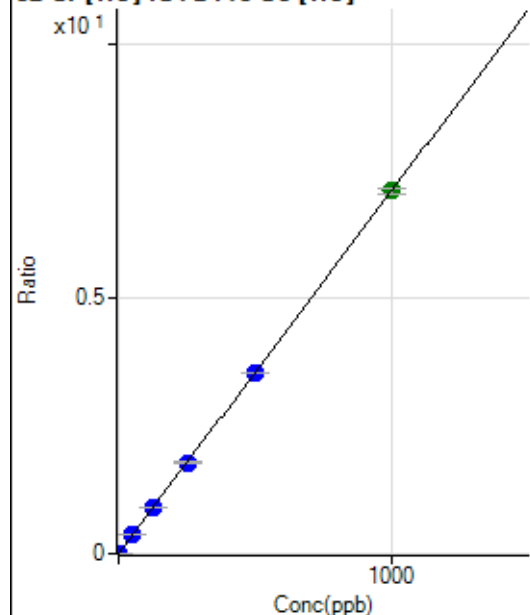
$$R = 1.0000$$

$$DL = 0.009212$$

$$BEC = 0.02522$$

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	754.47	0.0029	P	1.7
2	☐	2.000	1.892	4308.43	0.0163	P	1.2
3	☐	50.000	51.495	98108.59	0.3691	P	0.6
4	☐	125.000	128.604	234687.98	0.9174	P	0.9
5	☐	250.000	251.124	454504.13	1.7887	P	0.7
6	☐	500.000	497.793	887069.95	3.5428	P	0.8
7	☐	1000.000	1000.297	1742767.58	7.1163	A	1.4
8	☐			4529.62	0.0196	P	4.6

$$y = 0.0071 * x + 0.0029$$

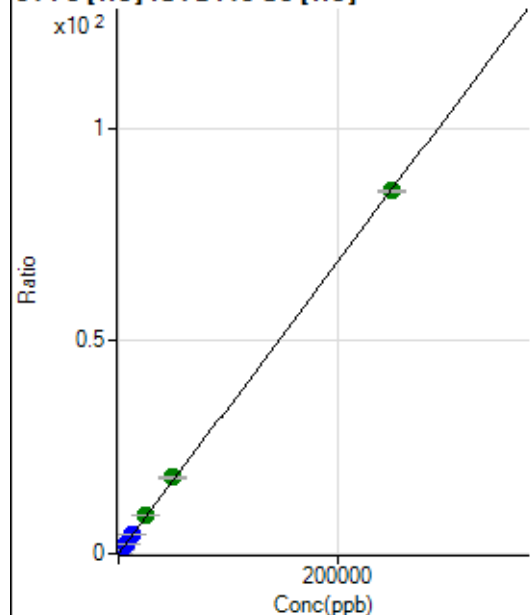
$$R = 1.0000$$

$$DL = 0.02028$$

$$BEC = 0.4011$$

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	1174.50	0.0044	P	4.2
2	☐	50.000	52.004	5874.52	0.0222	P	2.9
3	☐	2500.000	2746.374	251001.06	0.9442	P	0.2
4	☐	6250.000	6922.676	607086.57	2.3732	P	1.7
5	☐	12500.000	13539.351	1178311.88	4.6373	P	1.1
6	☐	25000.000	26388.195	2262061.55	9.0340	A	0.6
7	☐	50000.000	52252.982	4379569.07	17.8844	A	1.4
8	☐	250000.00	249339.33	19737939.29	85.3235	A	0.2

$$y = 3.4218E-004 * x + 0.0044$$

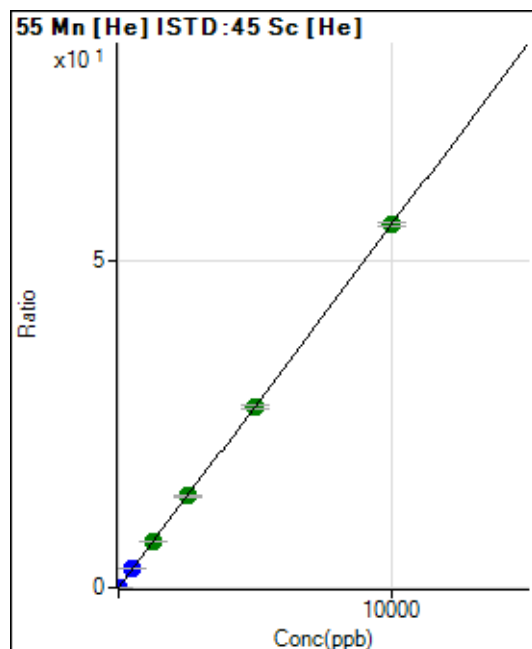
$$R = 0.9999$$

$$DL = 1.638$$

$$BEC = 12.98$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	115.56	0.0004	P	14.8
2	☐	1.000	0.903	1437.86	0.0054	P	7.3
3	☐	500.000	504.100	743268.23	2.7960	P	0.2
4	☐	1250.000	1291.145	1831864.42	7.1607	A	0.5
5	☐	2500.000	2532.487	3568325.50	14.0447	A	2.0
6	☐	5000.000	4978.909	6913379.83	27.6117	A	1.5
7	☐	10000.000	9997.076	13576702.71	55.4406	A	0.9
8	☐			6066.83	0.0262	P	1.6

$$y = 0.0055 * x + 4.3685E-004$$

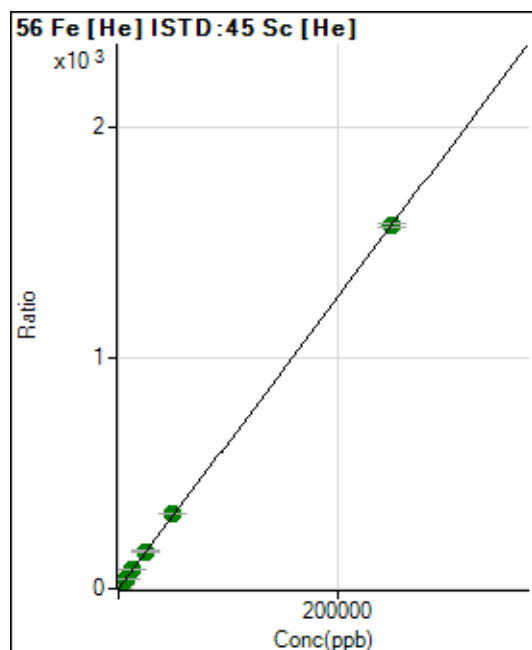
$$R = 1.0000$$

$$DL = 0.03488$$

$$BEC = 0.07877$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9869.99	0.0373	P	0.9
2	☐	50.000	50.015	92972.70	0.3519	P	0.8
3	☐	2500.000	2607.952	4371150.91	16.4430	A	0.7
4	☐	6250.000	6660.422	10727497.48	41.9356	A	1.4
5	☐	12500.000	13034.169	20842074.97	82.0306	A	1.7
6	☐	25000.000	25750.879	40567899.68	162.0268	A	1.5
7	☐	50000.000	51363.107	79133718.27	323.1441	A	0.9
8	☐	250000.00	249614.24	363238812.3	1,570.270	A	1.0

$$y = 0.0063 * x + 0.0373$$

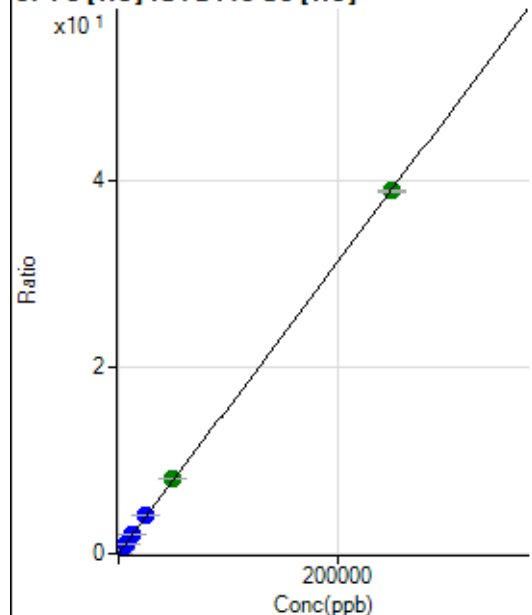
$$R = 1.0000$$

$$DL = 0.1571$$

$$BEC = 5.932$$

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	483.35	0.0018	P	3.9
2	☐	50.000	50.450	2559.13	0.0097	P	2.6
3	☐	2500.000	2712.413	112824.72	0.4244	P	0.3
4	☐	6250.000	6837.760	272986.62	1.0671	P	1.2
5	☐	12500.000	13434.964	532287.93	2.0950	P	1.7
6	☐	25000.000	26502.860	1034334.46	4.1309	P	0.5
7	☐	50000.000	51602.237	1969105.65	8.0414	A	1.8
8	☐	250000.00	249465.70	8991259.45	38.8683	A	0.5

$$y = 1.5580\text{E-}004 * x + 0.0018$$

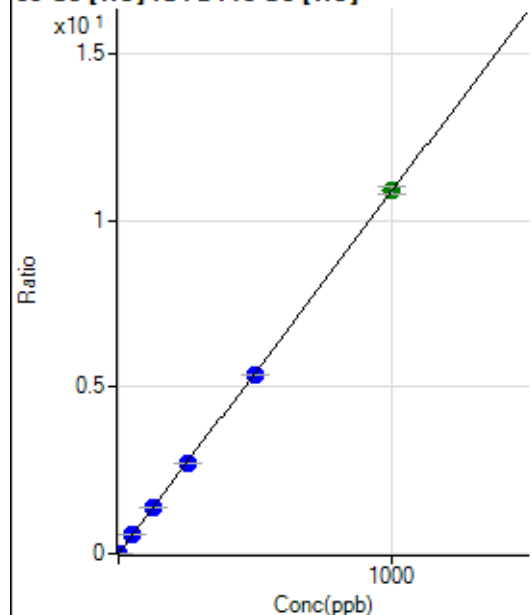
$$R = 1.0000$$

$$DL = 1.369$$

$$BEC = 11.73$$

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	35.56	0.0001	P	27.4
2	☐	1.000	0.985	2864.74	0.0108	P	5.3
3	☐	50.000	51.467	148843.67	0.5599	P	0.4
4	☐	125.000	128.955	358831.83	1.4027	P	1.2
5	☐	250.000	251.270	694495.43	2.7331	P	0.6
6	☐	500.000	494.479	1346667.55	5.3783	P	0.6
7	☐	1000.000	1001.875	2668334.84	10.8970	A	2.0
8	☐			7018.38	0.0303	P	3.8

$$y = 0.0109 * x + 1.3449\text{E-}004$$

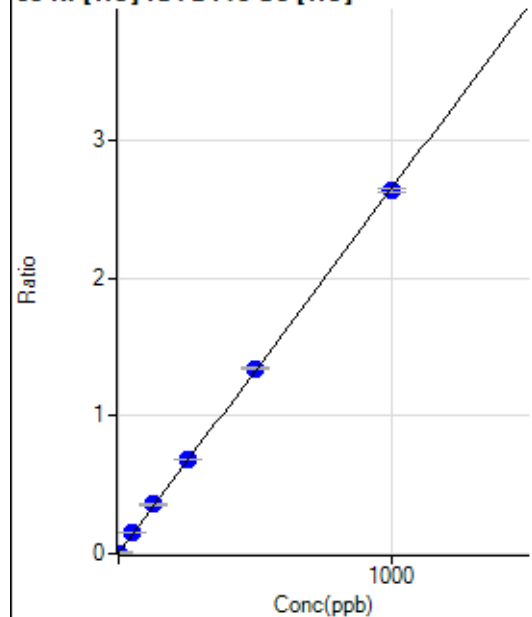
$$R = 1.0000$$

$$DL = 0.01015$$

$$BEC = 0.01237$$

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	1002.27	0.0038	P	7.1
2	☐	1.000	1.136	1795.68	0.0068	P	6.2
3	☐	50.000	54.495	39374.83	0.1481	P	0.4
4	☐	125.000	133.846	91647.64	0.3583	P	1.7
5	☐	250.000	258.108	174656.56	0.6874	P	1.1
6	☐	500.000	506.150	336595.42	1.3443	P	0.6
7	☐	1000.000	993.567	645312.36	2.6352	P	1.2
8	☐			2904.76	0.0126	P	1.4

$$y = 0.0026 * x + 0.0038$$

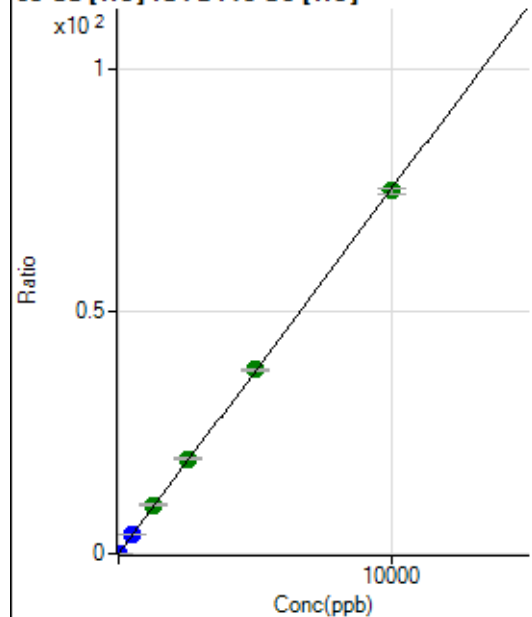
$$R = 0.9999$$

$$DL = 0.3027$$

$$BEC = 1.431$$

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	2172.40	0.0082	P	0.8
2	☐	2.000	1.941	6023.49	0.0228	P	1.4
3	☐	500.000	517.356	1035958.70	3.8970	P	0.3
4	☐	1250.000	1340.628	2579867.12	10.0854	A	1.9
5	☐	2500.000	2595.411	4959073.61	19.5172	A	1.3
6	☐	5000.000	5039.929	9487530.41	37.8920	A	0.9
7	☐	10000.000	9943.986	18306188.48	74.7545	A	1.4
8	☐			5601.10	0.0242	P	4.1

$$y = 0.0075 * x + 0.0082$$

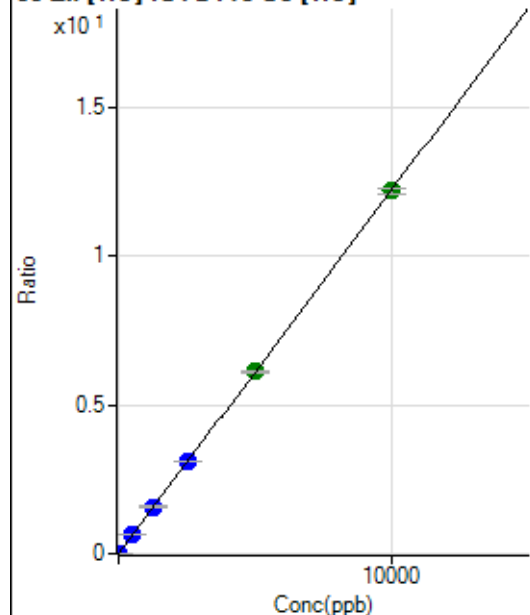
$$R = 0.9999$$

$$DL = 0.0265$$

$$BEC = 1.093$$

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	237.78	0.0009	P	6.8
2	☐	2.000	2.144	928.93	0.0035	P	4.7
3	☐	500.000	517.835	168300.93	0.6331	P	0.7
4	☐	1250.000	1290.898	403405.83	1.5769	P	1.2
5	☐	2500.000	2522.553	782788.47	3.0806	P	0.8
6	☐	5000.000	5015.145	1533299.88	6.1238	A	1.0
7	☐	10000.000	9980.785	2984125.55	12.1863	A	1.8
8	☐			2231.30	0.0096	P	5.3

$$y = 0.0012 * x + 8.9881E-004$$

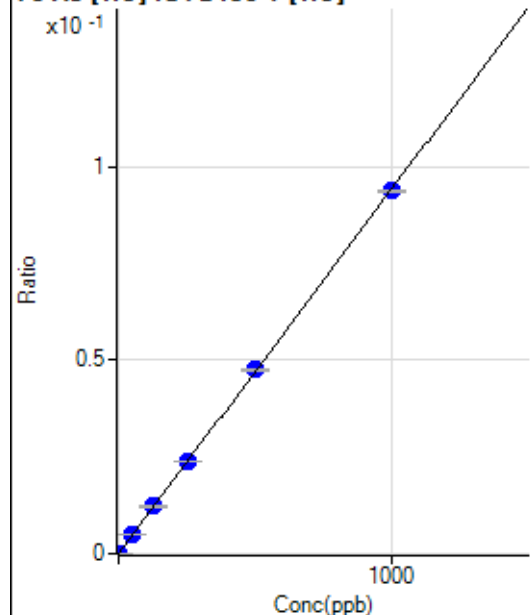
$$R = 1.0000$$

$$DL = 0.1496$$

$$BEC = 0.7362$$

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	6.67	0.0000	P	100.
2	☐	1.000	1.021	230.01	0.0001	P	16.2
3	☐	50.000	52.429	11368.90	0.0049	P	1.5
4	☐	125.000	130.111	27417.58	0.0122	P	3.4
5	☐	250.000	252.894	53074.37	0.0238	P	1.0
6	☐	500.000	505.378	105377.11	0.0476	P	1.5
7	☐	1000.000	995.827	204458.79	0.0937	P	0.5
8	☐			101.11	0.0000	P	20.6

$$y = 9.4098E-005 * x + 2.8890E-006$$

$$R = 1.0000$$

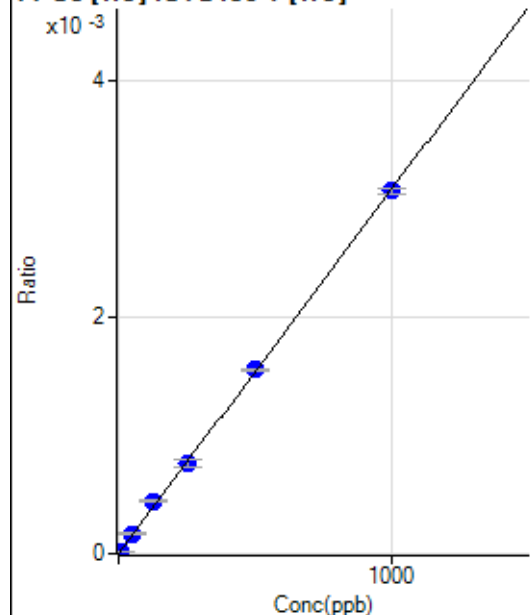
$$DL = 0.09206$$

$$BEC = 0.0307$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.349	31.11	0.0000	P	24.1
3	☐	50.000	54.412	385.57	0.0002	P	3.8
4	☐	125.000	145.037	1000.05	0.0004	P	6.6
5	☐	250.000	245.934	1686.78	0.0008	P	8.3
6	☐	500.000	504.598	3439.32	0.0016	P	1.8
7	☐	1000.000	995.996	6684.90	0.0031	P	1.8
8	☐			32.22	0.0000	P	31.9

$$y = 3.0761\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

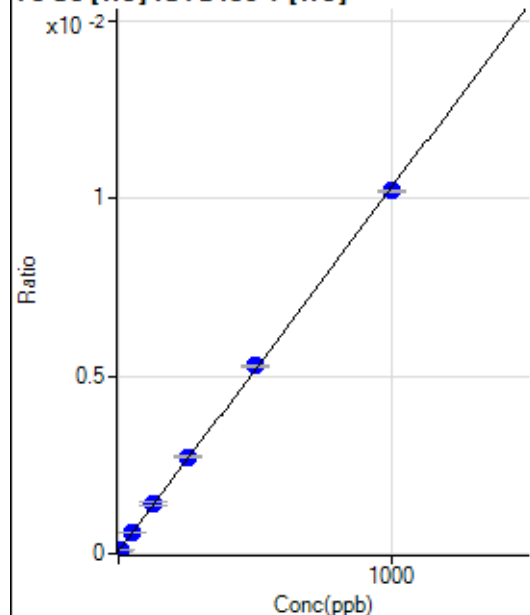
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0001	P	38.2
2	☐	5.000	4.442	251.11	0.0001	P	23.3
3	☐	50.000	52.791	1388.97	0.0006	P	5.5
4	☐	125.000	131.189	3147.03	0.0014	P	4.7
5	☐	250.000	259.330	6061.29	0.0027	P	2.2
6	☐	500.000	511.530	11744.74	0.0053	P	1.1
7	☐	1000.000	990.992	22276.79	0.0102	P	0.7
8	☐			273.34	0.0001	P	4.5

$$y = 1.0239\text{E-}005 * x + 6.2671\text{E-}005$$

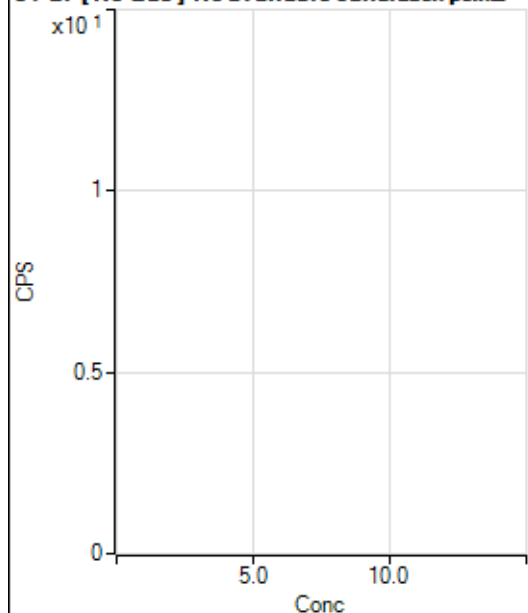
$$R = 0.9998$$

$$DL = 7.009$$

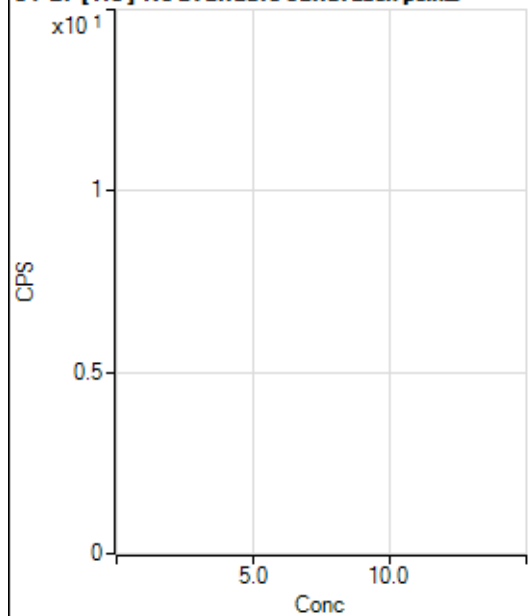
$$BEC = 6.121$$

Weight: <None>

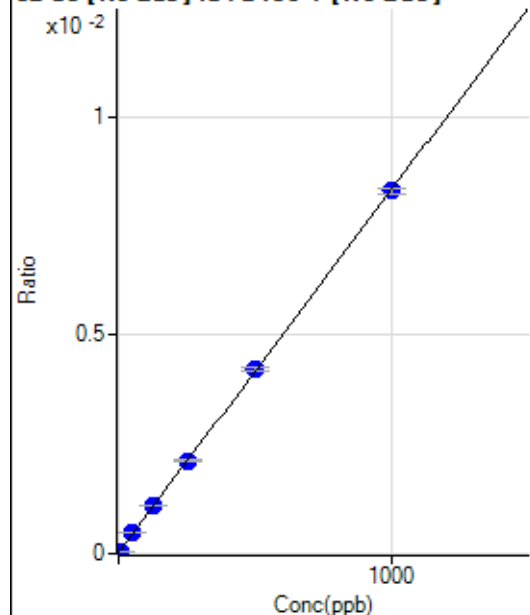
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25800.43		P	0.9
2	☐			25907.31		P	1.8
3	☐			25955.12		P	1.0
4	☐			25128.16		P	3.4
5	☐			24203.22		P	1.0
6	☐			23831.53		P	0.8
7	☐			23401.95		P	1.3
8	☐			24186.56		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	22.0
2	☐			76.67		P	13.0
3	☐			81.11		P	22.6
4	☐			71.11		P	17.7
5	☐			60.00		P	16.7
6	☐			62.22		P	36.5
7	☐			70.00		P	4.8
8	☐			197.78		P	12.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.59	0.0000	P	10.9
2	☐	5.000	4.360	640.48	0.0001	P	3.3
3	☐	50.000	52.909	4824.58	0.0005	P	0.9
4	☐	125.000	129.798	11307.59	0.0011	P	0.6
5	☐	250.000	252.313	21862.79	0.0021	P	1.7
6	☐	500.000	504.285	41852.16	0.0042	P	1.6
7	☐	1000.000	996.537	81185.21	0.0083	P	1.9
8	☐			699.08	0.0001	P	5.6

$$y = 8.2942\text{E-}006 * x + 2.7948\text{E-}005$$

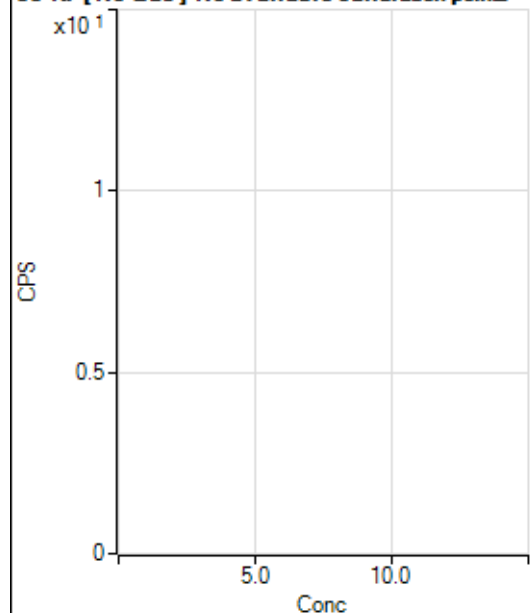
$$R = 1.0000$$

$$DL = 1.103$$

$$BEC = 3.37$$

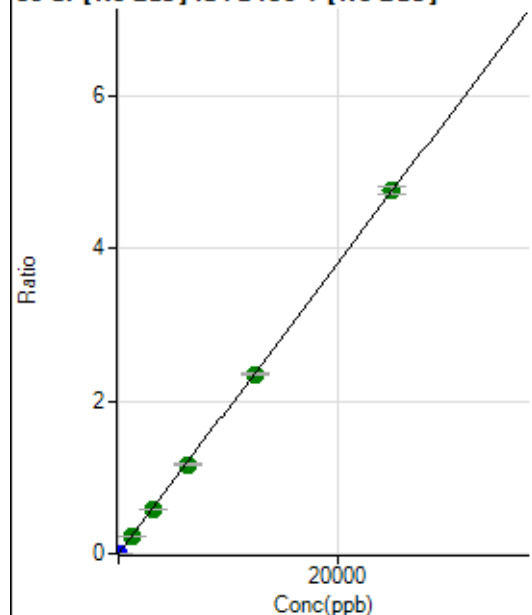
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			108.89		P	13.8
2	☐			134.45		P	7.2
3	☐			110.00		P	0.0
4	☐			121.11		P	5.7
5	☐			133.34		P	15.6
6	☐			115.56		P	19.2
7	☐			130.01		P	8.9
8	☐			187.78		P	11.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	223.34	0.0000	P	9.4
2	☐	1.000	0.893	1906.81	0.0002	P	8.0
3	☐	1250.000	1251.781	2451587.95	0.2372	A	0.7
4	☐	3125.000	3086.781	5987243.45	0.5849	A	0.9
5	☐	6250.000	6147.795	12008489.82	1.1649	A	1.9
6	☐	12500.000	12415.614	23384427.71	2.3525	A	0.9
7	☐	25000.000	25072.433	46502873.20	4.7507	A	2.2
8	☐			6628.24	0.0007	P	13.3

$$y = 1.8948\text{E-}004 * x + 2.1775\text{E-}005$$

$$R = 1.0000$$

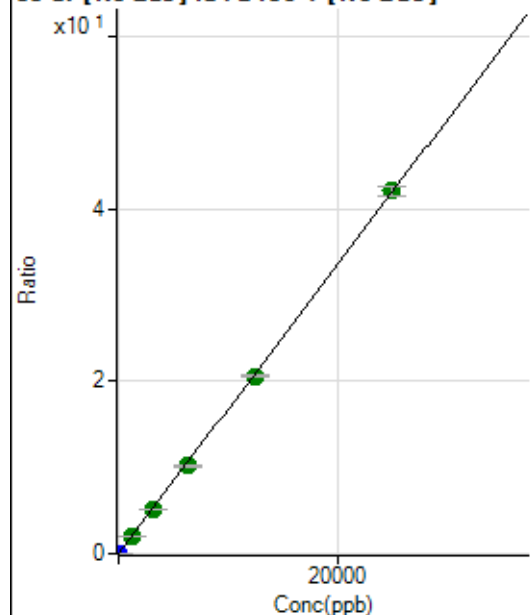
$$DL = 0.03251$$

$$BEC = 0.1149$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	482.24	0.0000	P	2.7
2	☐	1.000	0.905	15609.48	0.0016	P	1.3
3	☐	1250.000	1234.051	21361905.24	2.0668	A	1.2
4	☐	3125.000	3089.998	52972984.21	5.1751	A	0.9
5	☐	6250.000	6080.578	104991071.7	10.1837	A	1.2
6	☐	12500.000	12315.003	205008441.3	20.6250	A	1.6
7	☐	25000.000	25140.027	412120891.6	42.1041	A	2.5
8	☐			57581.47	0.0062	P	11.4

$$y = 0.0017 * x + 4.7011\text{E-}005$$

$$R = 0.9999$$

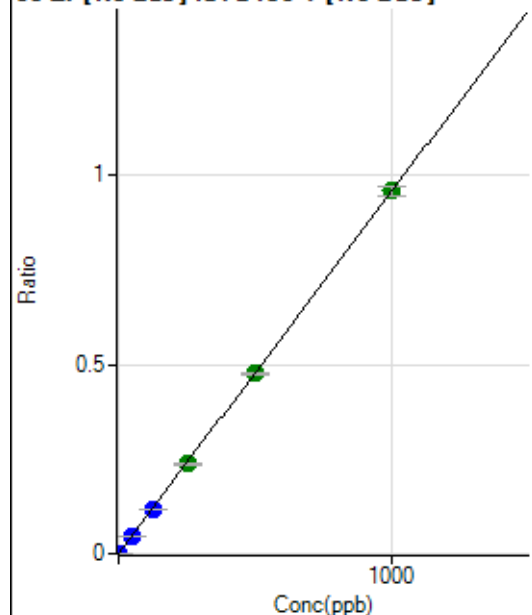
$$DL = 0.002241$$

$$BEC = 0.02807$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0000	P	14.3
2	☐	1.000	0.883	8780.48	0.0009	P	1.6
3	☐	50.000	48.843	483029.41	0.0467	P	0.6
4	☐	125.000	122.017	1194472.53	0.1167	P	1.4
5	☐	250.000	248.150	2446423.99	0.2373	A	1.4
6	☐	500.000	498.150	4734634.38	0.4763	A	1.3
7	☐	1000.000	1001.818	9375532.01	0.9579	A	2.9
8	☐			4351.80	0.0005	P	3.3

$$y = 9.5612\text{E-}004 * x + 3.5114\text{E-}005$$

$$R = 1.0000$$

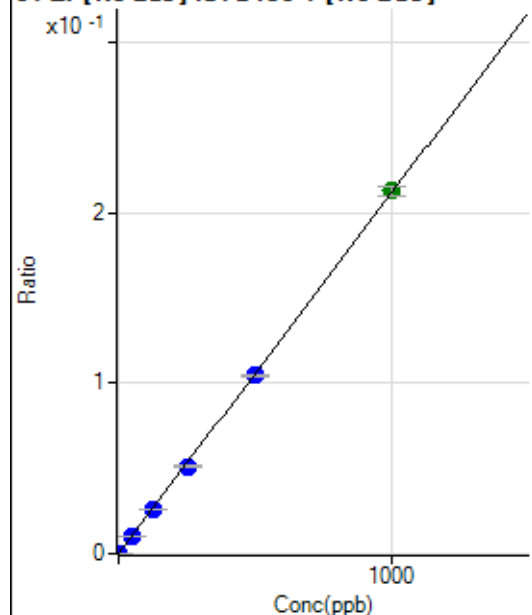
$$DL = 0.01575$$

$$BEC = 0.03673$$

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	66.67	0.0000	P	15.6
2	☐	1.000	0.901	1966.82	0.0002	P	6.0
3	☐	50.000	49.447	108239.87	0.0105	P	0.6
4	☐	125.000	122.987	266510.70	0.0260	P	1.3
5	☐	250.000	240.959	525860.66	0.0510	P	1.4
6	☐	500.000	493.670	1038695.10	0.1045	P	1.1
7	☐	1000.000	1005.705	2083626.55	0.2129	A	2.8
8	☐			952.27	0.0001	P	7.4

$$y = 2.1166\text{E-}004 * x + 6.5027\text{E-}006$$

$$R = 0.9999$$

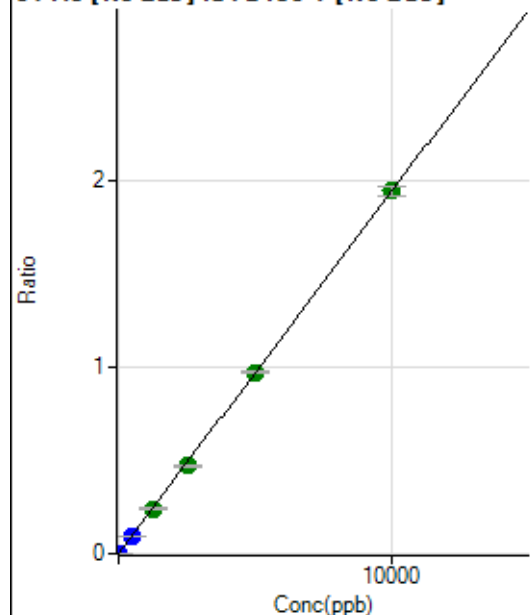
$$DL = 0.01434$$

$$BEC = 0.03072$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	234.45	0.0000	P	11.3
2	☐	5.000	5.212	10331.50	0.0010	P	1.6
3	☐	500.000	490.553	984507.37	0.0953	P	0.3
4	☐	1250.000	1244.756	2473673.63	0.2417	A	1.1
5	☐	2500.000	2422.031	4847895.97	0.4702	A	1.2
6	☐	5000.000	5005.417	9659171.80	0.9717	A	1.1
7	☐	10000.000	10017.912	19034932.08	1.9448	A	2.9
8	☐			4946.44	0.0005	P	7.1

$$y = 1.9413E-004 * x + 2.2857E-005$$

$$R = 1.0000$$

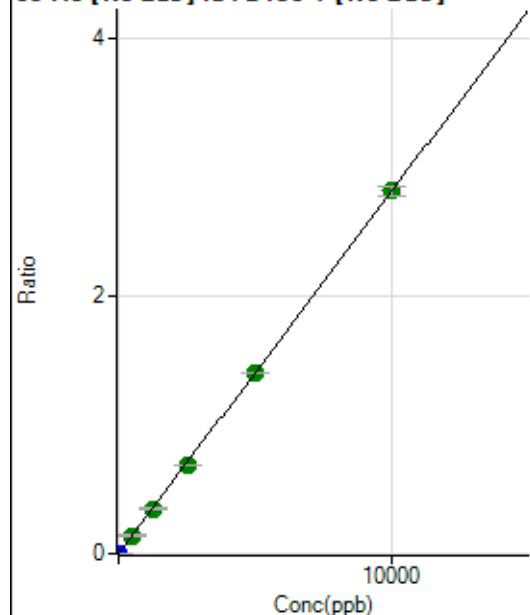
$$DL = 0.03996$$

$$BEC = 0.1177$$

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	507.79	0.0000	P	9.3
2	☐	5.000	4.424	12921.35	0.0013	P	2.3
3	☐	500.000	502.410	1461558.04	0.1414	A	0.8
4	☐	1250.000	1237.460	3563967.20	0.3482	A	2.2
5	☐	2500.000	2438.104	7072640.11	0.6861	A	1.6
6	☐	5000.000	5000.045	13984980.49	1.4069	A	0.6
7	☐	10000.000	10016.899	27585577.64	2.8185	A	2.9
8	☐			5688.94	0.0006	P	10.8

$$y = 2.8137E-004 * x + 4.9517E-005$$

$$R = 1.0000$$

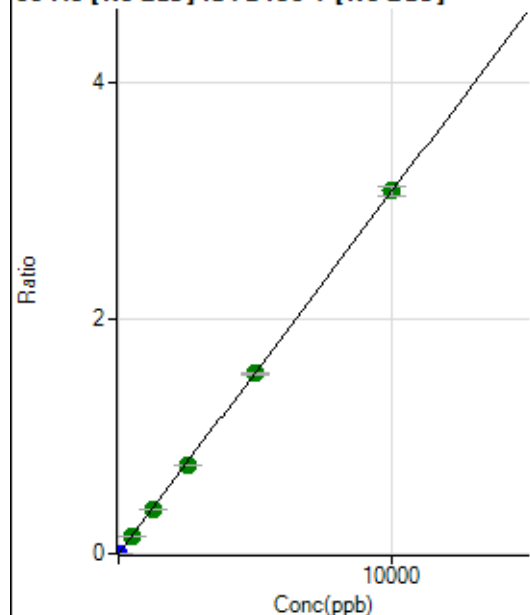
$$DL = 0.04894$$

$$BEC = 0.176$$

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	131.12	0.0000	P	10.3
2	☐	5.000	4.478	13881.13	0.0014	P	2.5
3	☐	500.000	501.671	1595597.98	0.1544	A	0.4
4	☐	1250.000	1238.107	3899666.19	0.3810	A	1.4
5	☐	2500.000	2446.395	7761086.90	0.7528	A	1.0
6	☐	5000.000	4980.078	15232420.05	1.5324	A	0.6
7	☐	10000.000	10024.765	30193001.77	3.0847	A	2.6
8	☐			13933.41	0.0015	P	4.8

$$y = 3.0770\text{E-}004 * x + 1.2781\text{E-}005$$

$$R = 1.0000$$

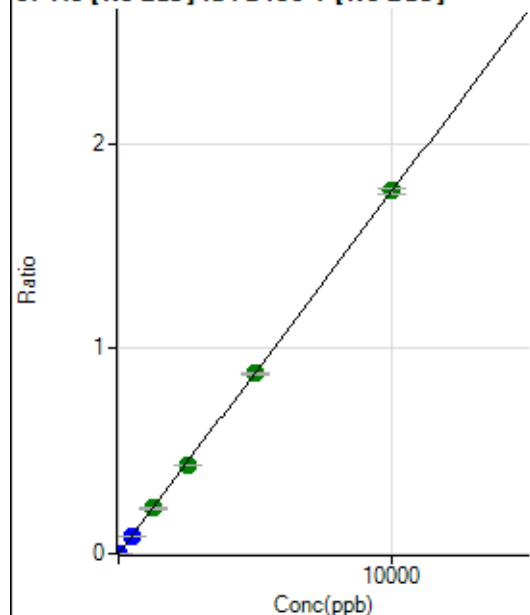
$$DL = 0.01282$$

$$BEC = 0.04154$$

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	11.5
2	☐	5.000	4.434	7941.12	0.0008	P	3.2
3	☐	500.000	490.639	894406.32	0.0865	P	0.2
4	☐	1250.000	1250.897	2258021.44	0.2206	A	1.3
5	☐	2500.000	2444.395	4444002.92	0.4311	A	1.7
6	☐	5000.000	4980.919	8731101.68	0.8784	A	1.0
7	☐	10000.000	10023.798	17305080.57	1.7677	A	1.8
8	☐			3611.60	0.0004	P	14.4

$$y = 1.7635\text{E-}004 * x + 1.3541\text{E-}005$$

$$R = 1.0000$$

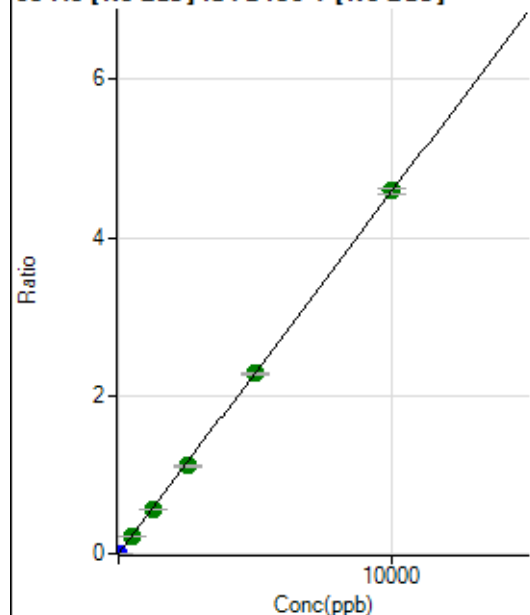
$$DL = 0.02658$$

$$BEC = 0.07678$$

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	110.00	0.0000	P	4.6
2	☐	5.000	4.416	20275.26	0.0020	P	3.3
3	☐	500.000	499.731	2363291.34	0.2286	A	1.1
4	☐	1250.000	1233.784	5777148.11	0.5645	A	2.3
5	☐	2500.000	2423.765	11430011.08	1.1089	A	2.8
6	☐	5000.000	4983.405	22662907.72	2.2800	A	1.3
7	☐	10000.000	10029.397	44921812.66	4.5886	A	1.4
8	☐			8067.87	0.0009	P	11.0

$$y = 4.5752\text{E-}004 * x + 1.0721\text{E-}005$$

$$R = 1.0000$$

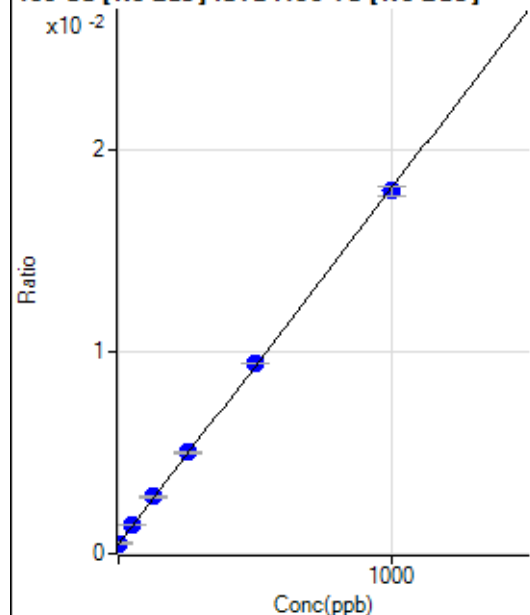
$$DL = 0.003221$$

$$BEC = 0.02343$$

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	4001.69	0.0005	P	3.0
2	☐	1.000	2.161	4155.08	0.0005	P	5.6
3	☐	50.000	54.013	11950.58	0.0014	P	2.7
4	☐	125.000	134.612	23927.52	0.0028	P	2.6
5	☐	250.000	257.726	42584.36	0.0050	P	1.9
6	☐	500.000	508.743	77891.70	0.0094	P	0.6
7	☐	1000.000	992.294	148078.92	0.0180	P	2.7
8	☐			3770.53	0.0005	P	3.5

$$y = 1.7626\text{E-}005 * x + 4.7334\text{E-}004$$

$$R = 0.9999$$

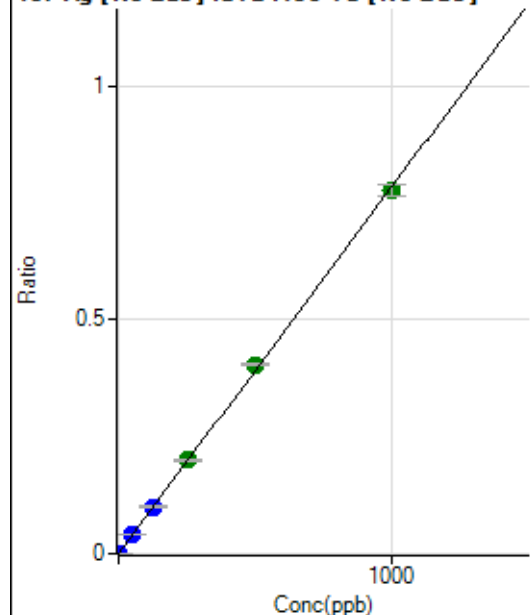
$$DL = 2.456$$

$$BEC = 26.85$$

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	84.44	0.0000	P	19.7
2	☐	1.000	0.960	6189.15	0.0008	P	1.2
3	☐	50.000	53.062	348332.11	0.0415	P	2.3
4	☐	125.000	128.499	845849.16	0.1006	P	1.0
5	☐	250.000	255.881	1700525.10	0.2003	A	2.2
6	☐	500.000	515.686	3330435.37	0.4037	A	0.9
7	☐	1000.000	990.096	6387806.09	0.7750	A	3.3
8	☐			1776.79	0.0002	P	9.4

$$y = 7.8275E-004 * x + 9.9785E-006$$

$$R = 0.9998$$

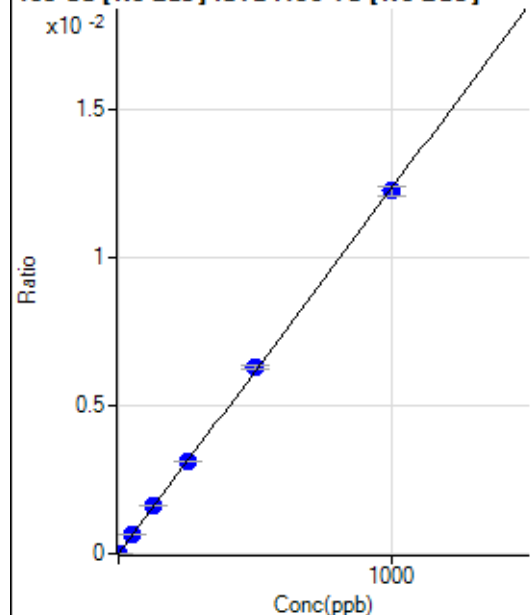
$$DL = 0.007538$$

$$BEC = 0.01275$$

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	5.55	0.0000	P	125.
2	☐	1.000	1.122	117.78	0.0000	P	18.2
3	☐	50.000	53.818	5571.12	0.0007	P	3.0
4	☐	125.000	132.882	13786.64	0.0016	P	1.0
5	☐	250.000	252.557	26449.73	0.0031	P	0.9
6	☐	500.000	509.420	51841.11	0.0063	P	2.0
7	☐	1000.000	993.475	101008.45	0.0123	P	2.7
8	☐			66.67	0.0000	P	29.3

$$y = 1.2333E-005 * x + 6.5354E-007$$

$$R = 0.9999$$

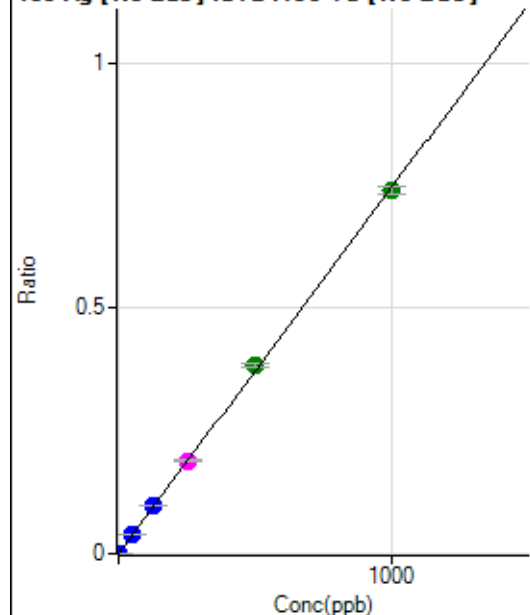
$$DL = 0.1992$$

$$BEC = 0.05299$$

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	32.22	0.0000	P	15.5
2	☐	1.000	0.953	5811.21	0.0007	P	1.6
3	☐	50.000	52.639	329331.57	0.0393	P	1.9
4	☐	125.000	129.339	811487.72	0.0965	P	0.7
5	☐	250.000	254.413	1611376.66	0.1898	M	2.9
6	☐	500.000	513.962	3163634.29	0.3835	A	1.5
7	☐	1000.000	991.241	6096933.87	0.7395	A	2.0
8	☐			1565.66	0.0002	P	8.6

$$y = 7.4607\text{E-}004 * x + 3.8101\text{E-}006$$

$$R = 0.9998$$

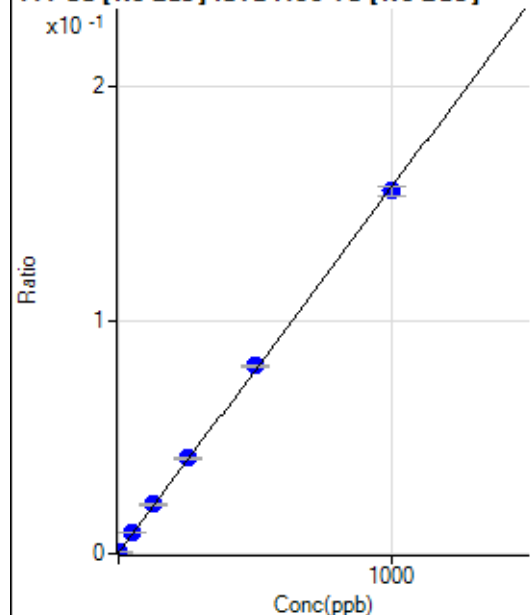
$$DL = 0.002376$$

$$BEC = 0.005107$$

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	2801.75	0.0003	P	3.1
2	☐	1.000	1.127	4127.30	0.0005	P	5.7
3	☐	50.000	54.541	74445.82	0.0089	P	2.1
4	☐	125.000	132.766	177722.07	0.0211	P	1.7
5	☐	250.000	258.856	347199.35	0.0409	P	1.4
6	☐	500.000	512.548	665436.55	0.0807	P	0.9
7	☐	1000.000	990.314	1282095.06	0.1555	P	2.4
8	☐			3301.61	0.0004	P	3.4

$$y = 1.5671\text{E-}004 * x + 3.3140\text{E-}004$$

$$R = 0.9998$$

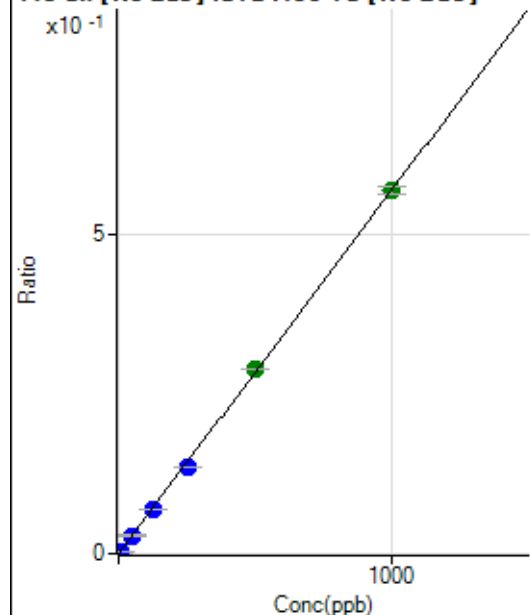
$$DL = 0.1956$$

$$BEC = 2.115$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0000	P	14.5
2	☐	5.000	4.607	21576.23	0.0027	P	2.3
3	☐	50.000	49.775	237726.02	0.0284	P	2.5
4	☐	125.000	123.153	589429.61	0.0701	P	1.5
5	☐	250.000	239.285	1156078.58	0.1362	P	1.3
6	☐	500.000	507.324	2381792.48	0.2887	A	0.5
7	☐	1000.000	999.261	4687177.64	0.5686	A	2.3
8	☐			2813.64	0.0004	P	1.8

$$y = 5.6896E-004 * x + 3.3682E-005$$

$$R = 0.9999$$

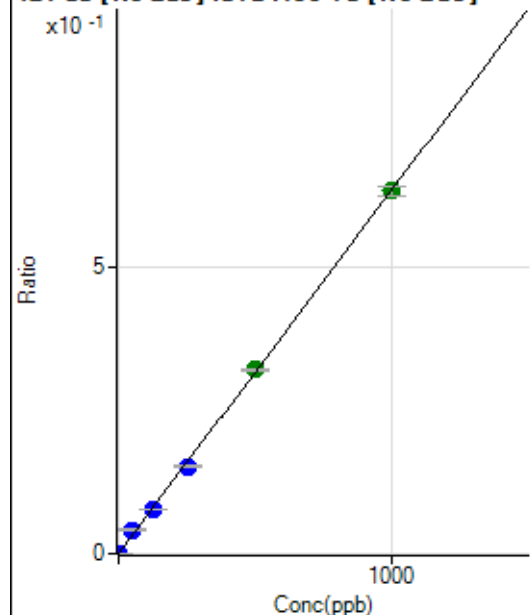
$$DL = 0.02577$$

$$BEC = 0.0592$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0000	P	30.7
2	☐	2.000	1.820	9460.96	0.0012	P	2.7
3	☐	50.000	65.415	348316.21	0.0415	P	2.4
4	☐	125.000	121.660	649589.30	0.0773	P	1.3
5	☐	250.000	240.811	1298152.74	0.1529	P	0.9
6	☐	500.000	506.305	2652383.12	0.3215	A	1.1
7	☐	1000.000	998.792	5227803.64	0.6342	A	2.7
8	☐			3424.88	0.0004	P	4.5

$$y = 6.3494E-004 * x + 8.4191E-006$$

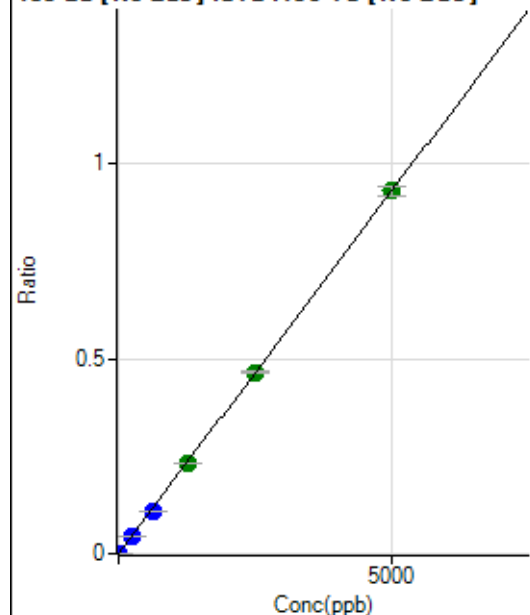
$$R = 0.9998$$

$$DL = 0.01223$$

$$BEC = 0.01326$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	33.6
2	☐	10.000	9.028	13682.21	0.0017	P	2.9
3	☐	250.000	241.473	376768.56	0.0449	P	1.6
4	☐	625.000	591.274	925054.38	0.1100	P	1.2
5	☐	1250.000	1242.190	1962147.26	0.2311	A	1.3
6	☐	2500.000	2501.761	3840439.39	0.4655	A	0.9
7	☐	5000.000	5005.716	7677353.43	0.9314	A	2.6
8	☐			3969.48	0.0005	P	6.8

$$y = 1.8606\text{E-}004 * x + 3.9294\text{E-}006$$

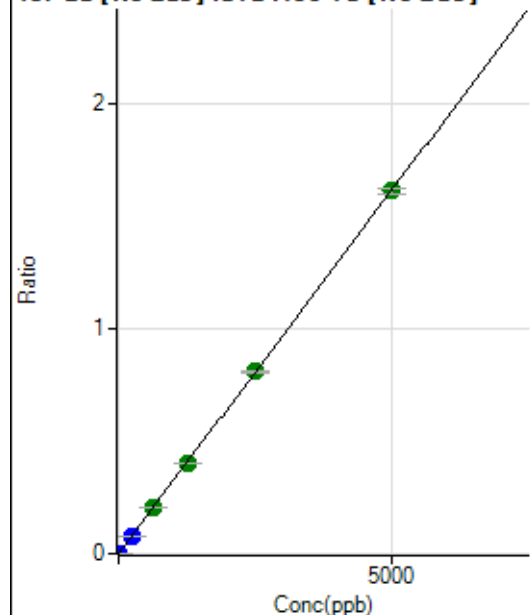
$$R = 1.0000$$

$$DL = 0.02129$$

$$BEC = 0.02112$$

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	37.78	0.0000	P	47.7
2	☐	10.000	9.079	23810.00	0.0029	P	2.2
3	☐	250.000	239.394	646733.56	0.0771	P	1.9
4	☐	625.000	630.167	1707389.42	0.2030	A	1.8
5	☐	1250.000	1247.307	3411603.73	0.4018	A	1.4
6	☐	2500.000	2509.400	6670028.03	0.8085	A	1.5
7	☐	5000.000	4995.859	13269850.50	1.6095	A	1.8
8	☐			7002.89	0.0009	P	3.4

$$y = 3.2217\text{E-}004 * x + 4.4469\text{E-}006$$

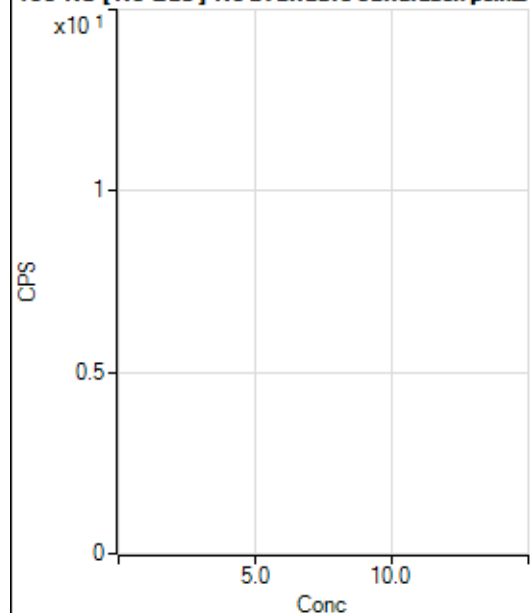
$$R = 1.0000$$

$$DL = 0.01975$$

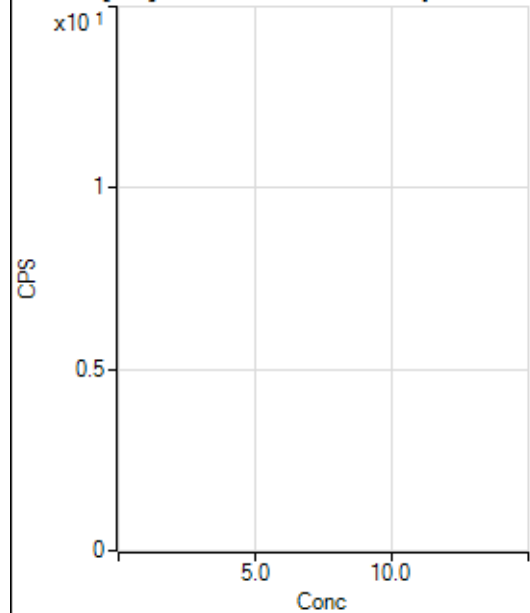
$$BEC = 0.0138$$

Weight: <None>

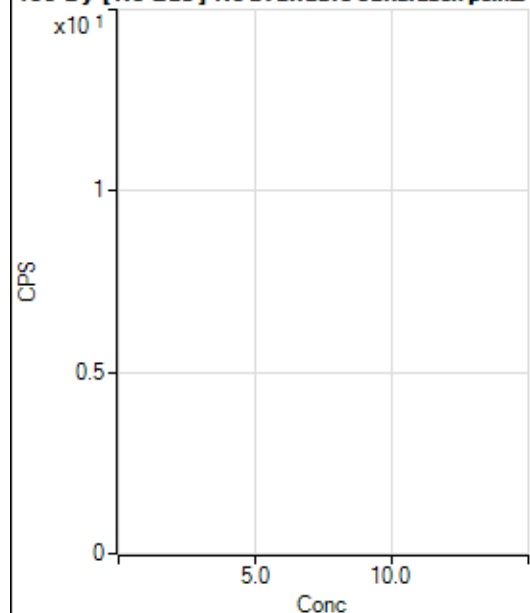
Min Conc: 0

150 Nd [No Gas] No available calibration points

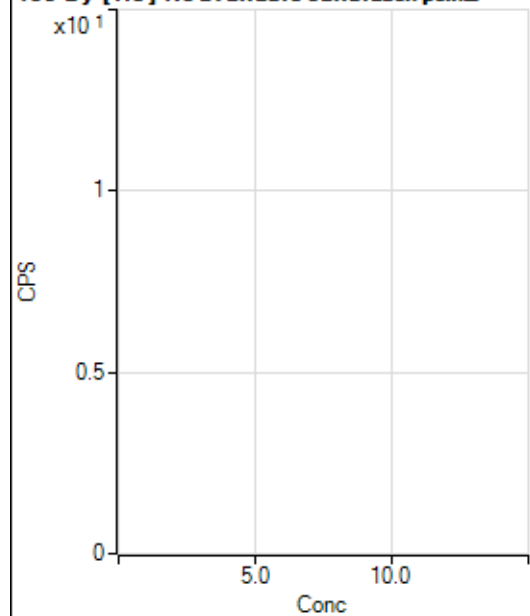
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			3.33		P	100.
3	☐			55.56		P	18.3
4	☐			182.22		P	12.8
5	☐			277.79		P	8.4
6	☐			542.24		P	6.6
7	☐			1061.16		P	11.5
8	☐			203.34		P	14.0

150 Nd [He] No available calibration points

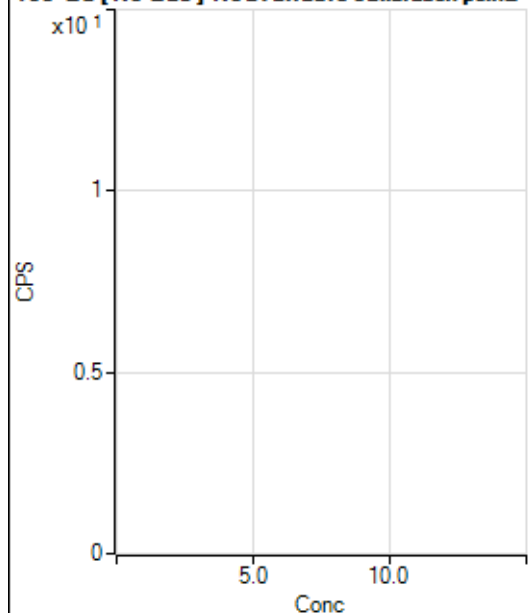
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			12.22		P	41.7
4	☐			36.67		P	18.2
5	☐			58.89		P	37.7
6	☐			87.78		P	13.3
7	☐			215.56		P	4.5
8	☐			112.22		P	7.5

156 Dy [No Gas] No available calibration points

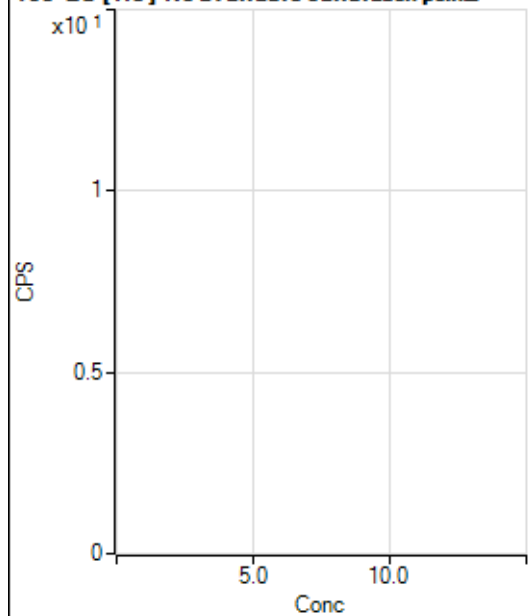
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			3.33		P	100.
3	☐			24.45		P	43.8
4	☐			67.78		P	18.6
5	☐			112.22		P	24.9
6	☐			223.34		P	13.4
7	☐			432.23		P	1.2
8	☐			1261.18		P	7.3

156 Dy [He] No available calibration points

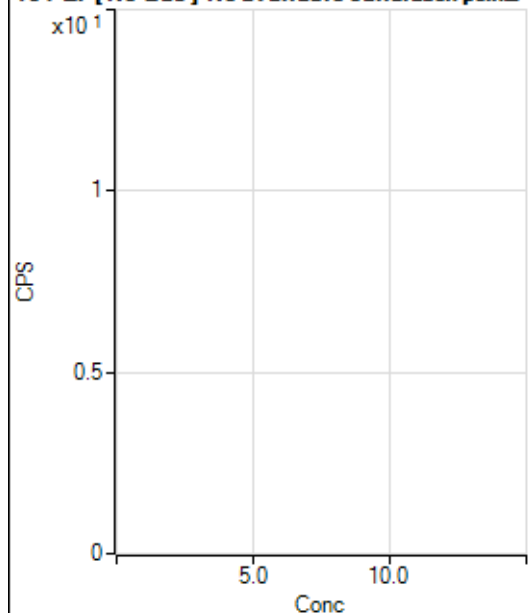
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			2.22		P	86.6
3	☐			17.78		P	60.3
4	☐			57.78		P	3.3
5	☐			97.78		P	10.4
6	☐			194.45		P	8.1
7	☐			401.12		P	8.7
8	☐			742.25		P	3.3

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

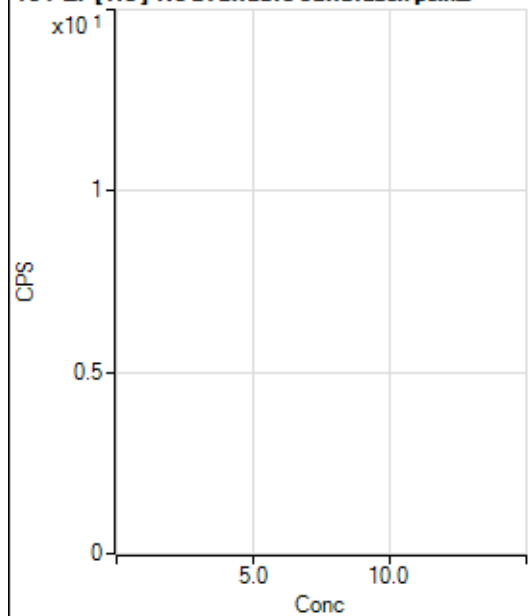
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	40.8
2	☐			38.89		P	19.8
3	☐			50.00		P	6.7
4	☐			51.11		P	26.4
5	☐			124.45		P	12.7
6	☐			201.12		P	10.1
7	☐			320.00		P	4.8
8	☐			1276.74		P	5.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			176.67		P	19.1
2	☐			154.45		P	9.0
3	☐			176.67		P	11.8
4	☐			228.89		P	6.1
5	☐			213.34		P	22.7
6	☐			271.12		P	20.6
7	☐			377.79		P	2.7
8	☐			994.49		P	6.3

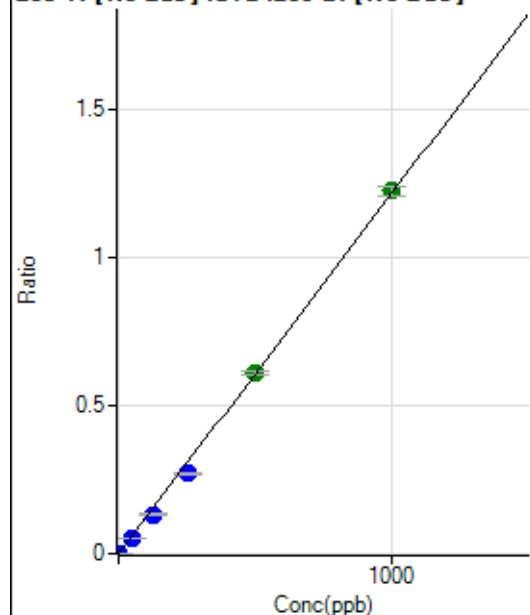
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	35.4
2	☐			43.33		P	42.8
3	☐			58.89		P	29.0
4	☐			60.00		P	14.7
5	☐			70.00		P	21.8
6	☐			118.89		P	39.8
7	☐			154.45		P	10.9
8	☐			187.78		P	10.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	21.5
2	☐			33.33		P	30.0
3	☐			40.00		P	14.4
4	☐			38.89		P	35.7
5	☐			48.89		P	10.4
6	☐			58.89		P	26.1
7	☐			98.89		P	10.3
8	☐			130.00		P	9.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.89	0.0000	P	24.4
2	☐	1.000	0.831	4549.70	0.0010	P	7.2
3	☐	50.000	44.091	248216.80	0.0536	P	1.7
4	☐	125.000	109.320	616662.71	0.1329	P	1.5
5	☐	250.000	222.276	1244280.91	0.2701	P	1.5
6	☐	500.000	501.944	2713417.95	0.6100	A	1.9
7	☐	1000.000	1008.215	5338392.49	1.2252	A	2.6
8	☐			1103.39	0.0003	P	3.8

$$y = 0.0012 * x + 1.5014E-005$$

$$R = 0.9995$$

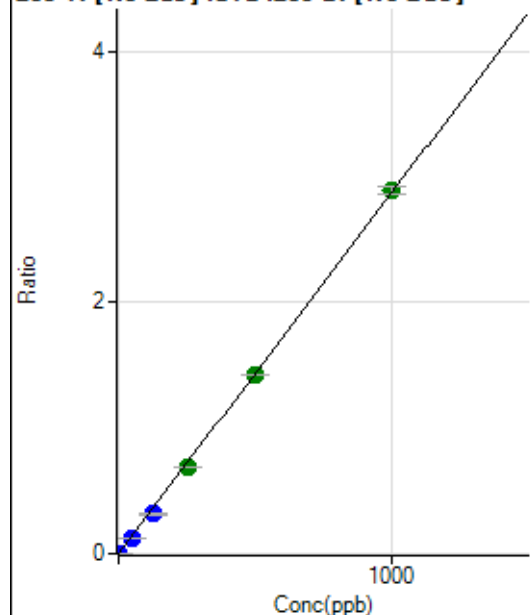
$$DL = 0.009032$$

$$BEC = 0.01235$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	167.78	0.0000	P	12.2
2	☐	1.000	0.810	10486.36	0.0024	P	1.0
3	☐	50.000	43.845	582803.16	0.1258	P	0.8
4	☐	125.000	109.653	1460419.91	0.3147	P	1.4
5	☐	250.000	240.556	3179411.27	0.6902	A	1.5
6	☐	500.000	496.225	6333962.96	1.4238	A	0.5
7	☐	1000.000	1006.475	12583568.28	2.8878	A	2.1
8	☐			2612.51	0.0007	P	16.7

$$y = 0.0029 * x + 3.6509E-005$$

$$R = 0.9999$$

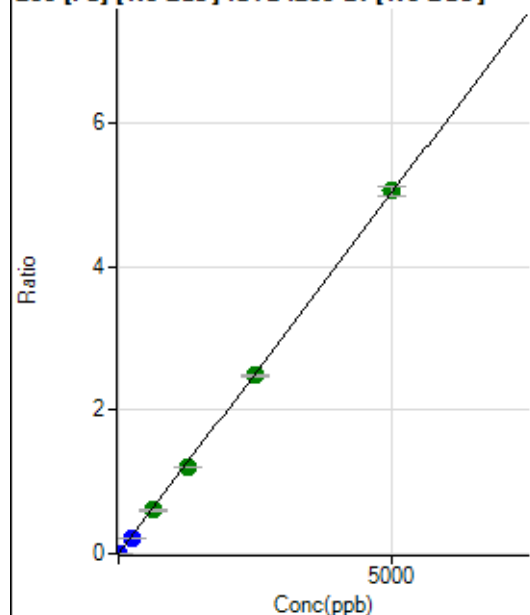
$$DL = 0.004649$$

$$BEC = 0.01272$$

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	93.33	0.0000	P	22.5
2	☐	1.000	0.804	3681.65	0.0008	P	1.4
3	☐	250.000	218.627	1017588.05	0.2197	P	0.6
4	☐	625.000	603.103	2812954.68	0.6061	A	1.3
5	☐	1250.000	1205.084	5578226.31	1.2110	A	1.0
6	☐	2500.000	2470.039	11041639.77	2.4821	A	0.8
7	☐	5000.000	5030.515	22025305.92	5.0550	A	2.6
8	☐			8371.54	0.0022	P	3.5

$$y = 0.0010 * x + 2.0331E-005$$

$$R = 0.9999$$

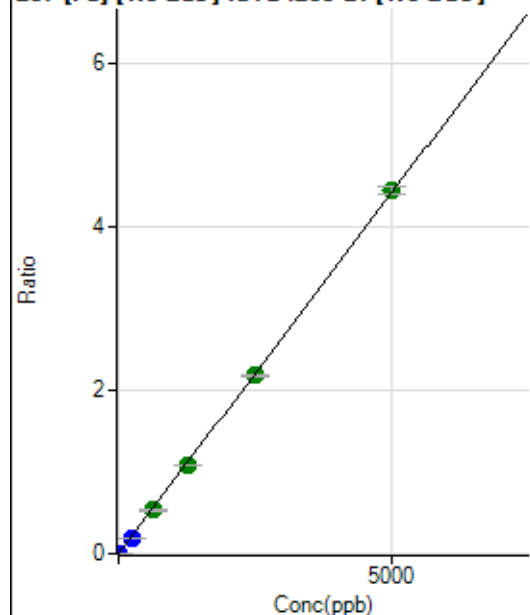
$$DL = 0.01363$$

$$BEC = 0.02023$$

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	102.22	0.0000	P	15.5
2	☐	1.000	0.794	3208.19	0.0007	P	8.3
3	☐	250.000	218.066	890993.04	0.1924	P	0.6
4	☐	625.000	601.338	2462114.55	0.5305	A	1.8
5	☐	1250.000	1223.258	4970266.14	1.0791	A	1.6
6	☐	2500.000	2468.198	9685045.48	2.1772	A	1.5
7	☐	5000.000	5027.141	19322727.91	4.4345	A	2.1
8	☐			7065.24	0.0019	P	2.6

$$y = 8.8210E-004 * x + 2.2276E-005$$

$$R = 0.9999$$

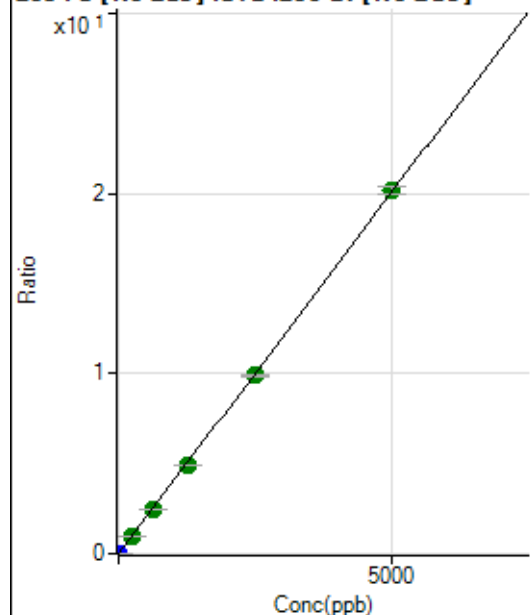
$$DL = 0.01177$$

$$BEC = 0.02525$$

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	405.56	0.0001	P	17.2
2	☐	1.000	0.818	14938.96	0.0034	P	4.8
3	☐	250.000	229.496	4258430.02	0.9195	A	0.9
4	☐	625.000	603.832	11228796.15	2.4191	A	0.6
5	☐	1250.000	1220.613	22524434.63	4.8899	A	1.4
6	☐	2500.000	2472.269	44057636.84	9.9041	A	1.2
7	☐	5000.000	5024.883	87715625.92	20.1301	A	2.0
8	☐			32631.12	0.0088	P	2.5

$$y = 0.0040 * x + 8.8395E-005$$

$$R = 1.0000$$

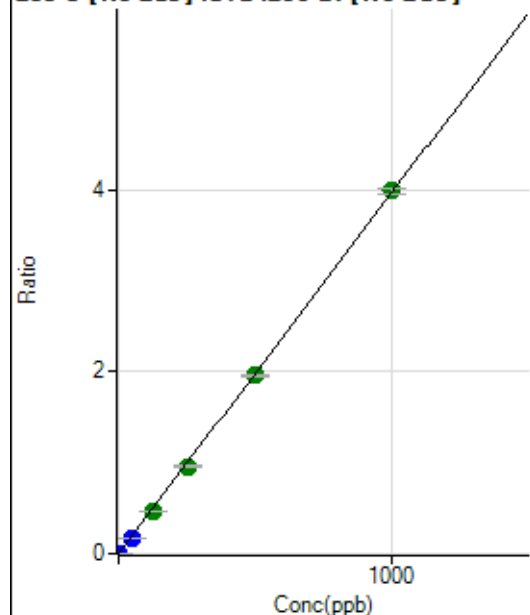
$$DL = 0.01137$$

$$BEC = 0.02207$$

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	11.11	0.0000	P	33.9
2	☐	1.000	0.786	13836.16	0.0031	P	1.5
3	☐	50.000	41.652	763614.05	0.1649	P	0.6
4	☐	125.000	118.317	2174057.30	0.4684	A	0.5
5	☐	250.000	241.242	4398776.12	0.9549	A	2.4
6	☐	500.000	493.563	8691707.72	1.9537	A	0.9
7	☐	1000.000	1006.661	17364288.77	3.9848	A	1.9
8	☐			4723.10	0.0013	P	2.4

$$y = 0.0040 * x + 2.4139E-006$$

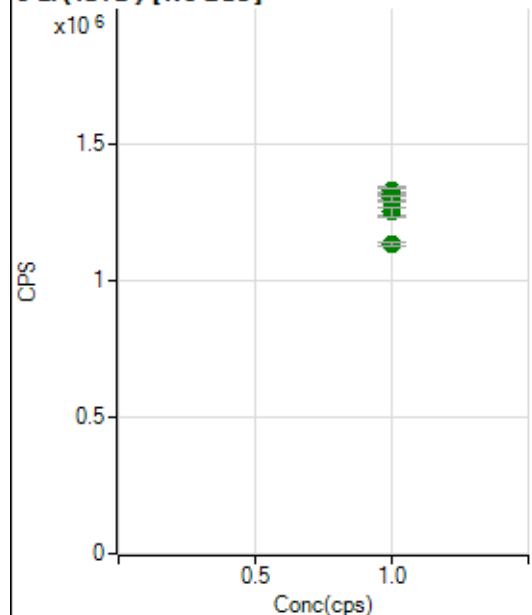
$$R = 0.9999$$

$$DL = 0.0006206$$

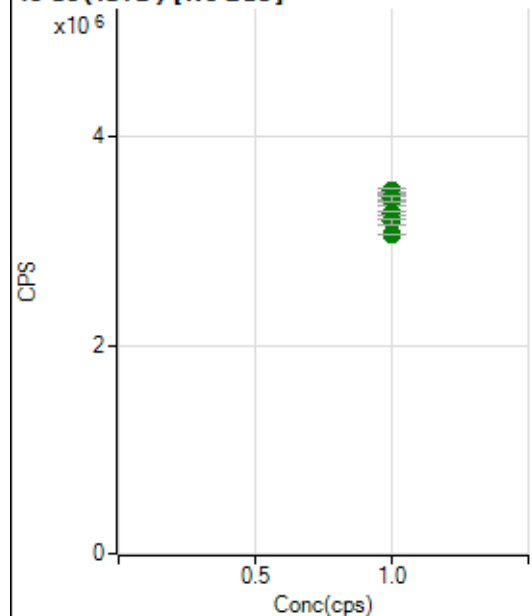
$$BEC = 0.0006098$$

Weight: <None>

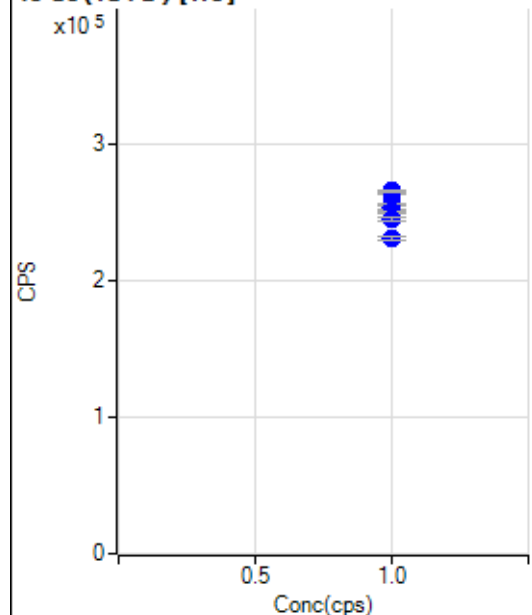
Min Conc: 0

6 Li (ISTD) [No Gas]

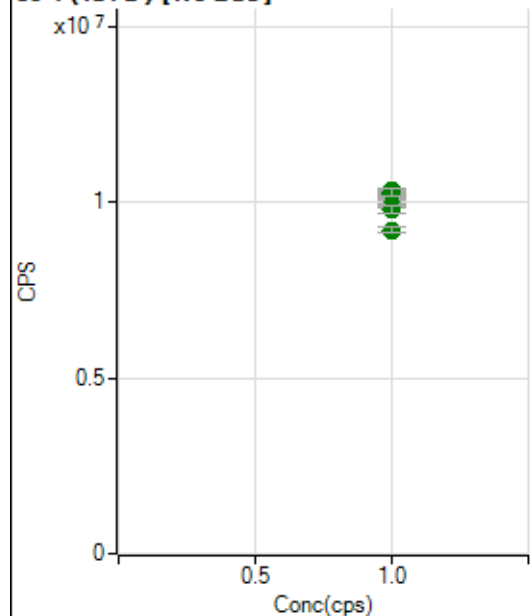
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1292687.72		A	0.4
2	☐	1.000		1255551.02		A	2.3
3	☐	1.000		1318205.49		A	1.4
4	☐	1.000		1329309.22		A	2.0
5	☐	1.000		1316943.43		A	2.8
6	☐	1.000		1300919.82		A	1.5
7	☐	1.000		1250664.02		A	2.5
8	☐	1.000		1136409.94		A	1.2

45 Sc (ISTD) [No Gas]

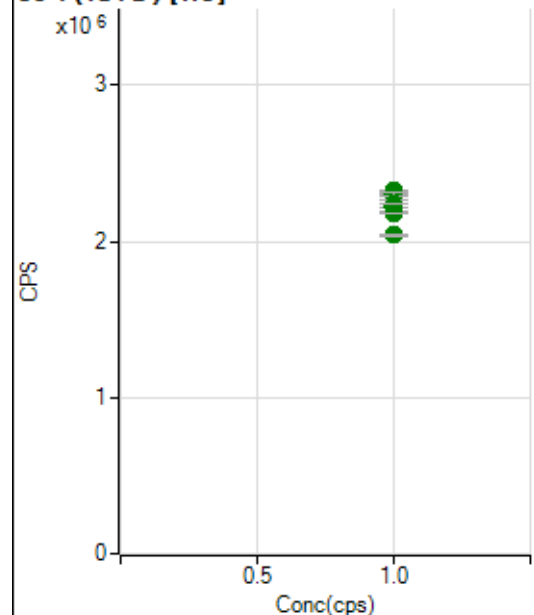
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3454053.84		A	1.3
2	☐	1.000		3366475.71		A	1.7
3	☐	1.000		3479582.69		A	1.3
4	☐	1.000		3416547.76		A	2.7
5	☐	1.000		3406602.48		A	1.5
6	☐	1.000		3264388.46		A	0.9
7	☐	1.000		3183499.64		A	1.7
8	☐	1.000		3065842.70		A	0.2

45 Sc (ISTD) [He]

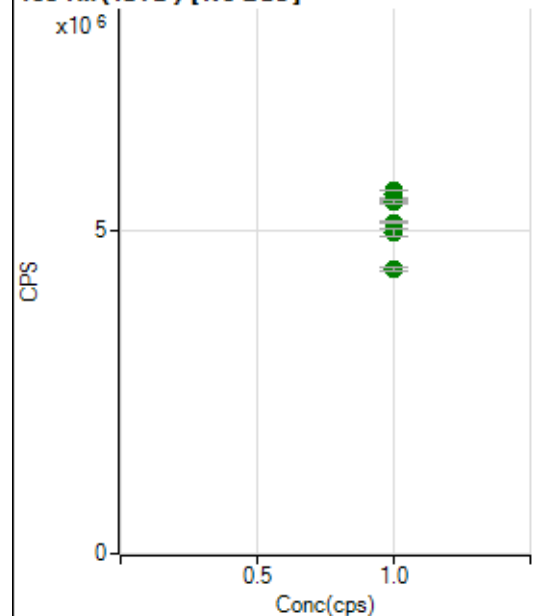
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		264515.78		P	0.3
2	☐	1.000		264177.58		P	0.4
3	☐	1.000		265835.35		P	0.5
4	☐	1.000		255830.43		P	0.9
5	☐	1.000		254116.86		P	1.4
6	☐	1.000		250392.01		P	0.6
7	☐	1.000		244901.95		P	1.1
8	☐	1.000		231331.63		P	0.9

89 Y (ISTD) [No Gas]

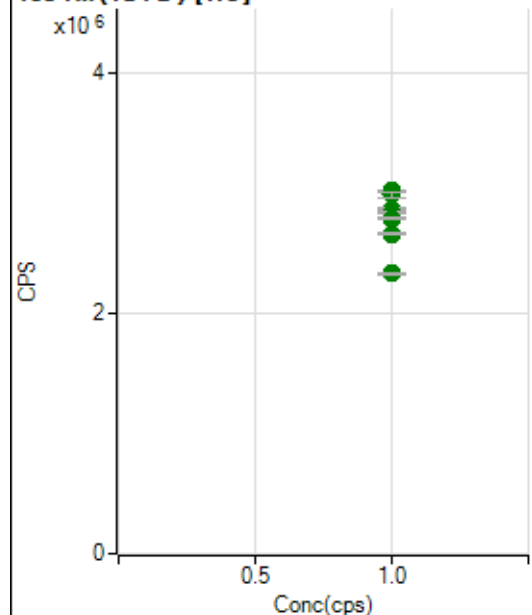
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10258957.21		A	0.7
2	☐	1.000		9986485.41		A	2.4
3	☐	1.000		10335587.28		A	0.6
4	☐	1.000		10237248.25		A	1.9
5	☐	1.000		10311531.03		A	2.3
6	☐	1.000		9940454.09		A	0.7
7	☐	1.000		9792143.95		A	2.5
8	☐	1.000		9227116.53		A	1.6

89 Y (ISTD) [He]

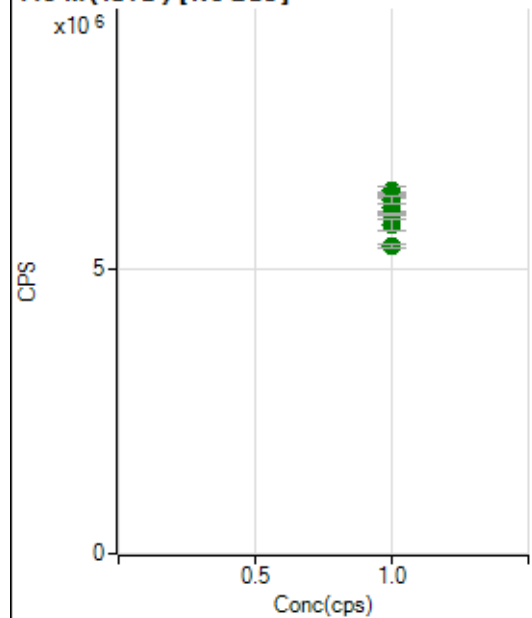
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2304771.28		A	0.2
2	☐	1.000		2323850.09		A	0.6
3	☐	1.000		2303238.91		A	0.9
4	☐	1.000		2239639.36		A	2.2
5	☐	1.000		2230064.66		A	0.8
6	☐	1.000		2216104.72		A	1.8
7	☐	1.000		2181886.81		A	0.4
8	☐	1.000		2039110.94		A	0.8

103 Rh (ISTD) [No Gas]

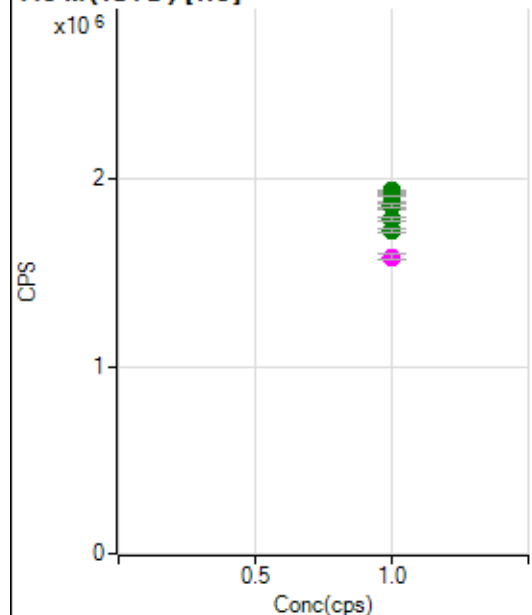
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5615078.32		A	0.1
2	☐	1.000		5433891.10		A	1.0
3	☐	1.000		5561133.25		A	1.9
4	☐	1.000		5472975.61		A	1.3
5	☐	1.000		5454383.60		A	1.0
6	☐	1.000		5128649.06		A	0.3
7	☐	1.000		4976071.87		A	2.6
8	☐	1.000		4404982.19		A	1.4

103 Rh (ISTD) [He]

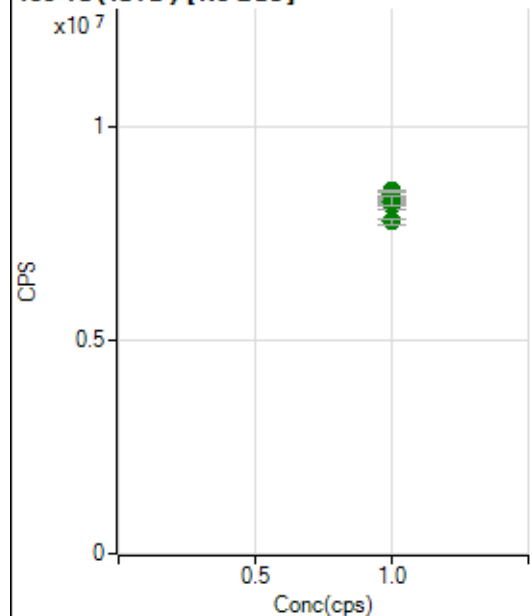
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3005505.23		A	0.3
2	☐	1.000		3015038.01		A	0.5
3	☐	1.000		2984702.70		A	1.4
4	☐	1.000		2861993.01		A	0.6
5	☐	1.000		2834687.11		A	0.7
6	☐	1.000		2788321.52		A	0.3
7	☐	1.000		2658699.08		A	0.3
8	☐	1.000		2330157.26		A	0.6

115 In (ISTD) [No Gas]

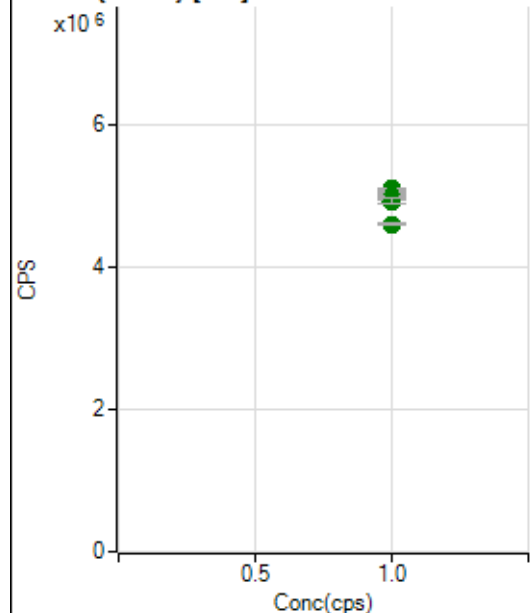
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6326827.49		A	1.5
2	☐	1.000		6082880.80		A	2.3
3	☐	1.000		6386266.30		A	2.0
4	☐	1.000		6325516.78		A	0.5
5	☐	1.000		6228506.15		A	1.7
6	☐	1.000		5965794.99		A	0.6
7	☐	1.000		5782763.59		A	3.3
8	☐	1.000		5409409.18		A	1.2

115 In (ISTD) [He]

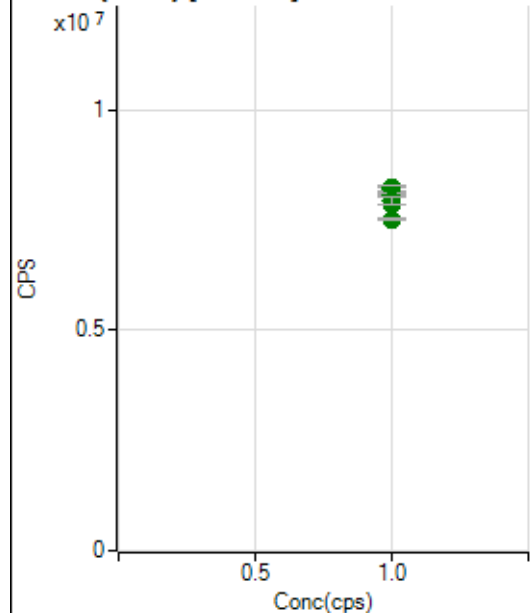
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1939757.22		A	0.4
2	☐	1.000		1926669.33		A	0.8
3	☐	1.000		1912690.52		A	0.4
4	☐	1.000		1862231.40		A	2.2
5	☐	1.000		1857472.54		A	1.2
6	☐	1.000		1788434.20		A	1.5
7	☐	1.000		1725550.35		A	1.3
8	☐	1.000		1585217.50		M	1.8

159 Tb (ISTD) [No Gas]

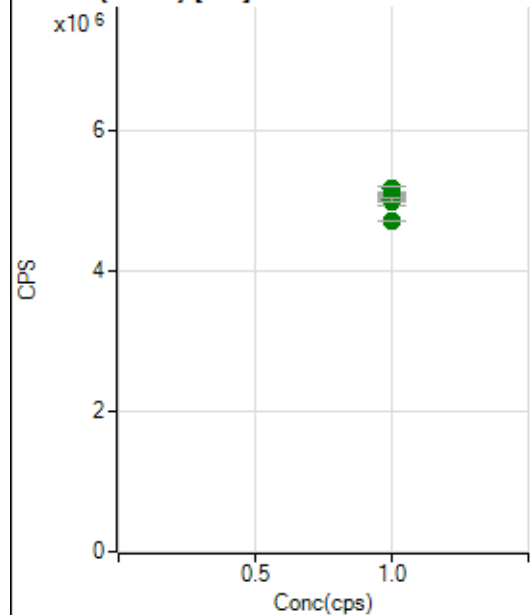
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8456134.25		A	1.5
2	☐	1.000		8129527.10		A	1.7
3	☐	1.000		8387210.15		A	2.1
4	☐	1.000		8409648.62		A	1.9
5	☐	1.000		8489957.86		A	0.7
6	☐	1.000		8250788.97		A	0.7
7	☐	1.000		8247484.18		A	3.0
8	☐	1.000		7774754.47		A	1.7

159 Tb (ISTD) [He]

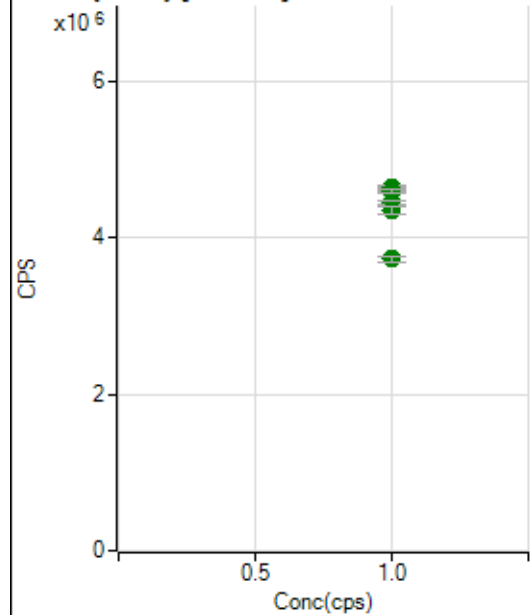
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5022334.20		A	1.4
2	☐	1.000		5023241.73		A	0.2
3	☐	1.000		5097930.37		A	0.6
4	☐	1.000		4948503.05		A	0.5
5	☐	1.000		5009008.78		A	1.4
6	☐	1.000		4982389.20		A	1.0
7	☐	1.000		4930320.65		A	1.4
8	☐	1.000		4603920.03		A	0.9

165 Ho (ISTD) [No Gas]

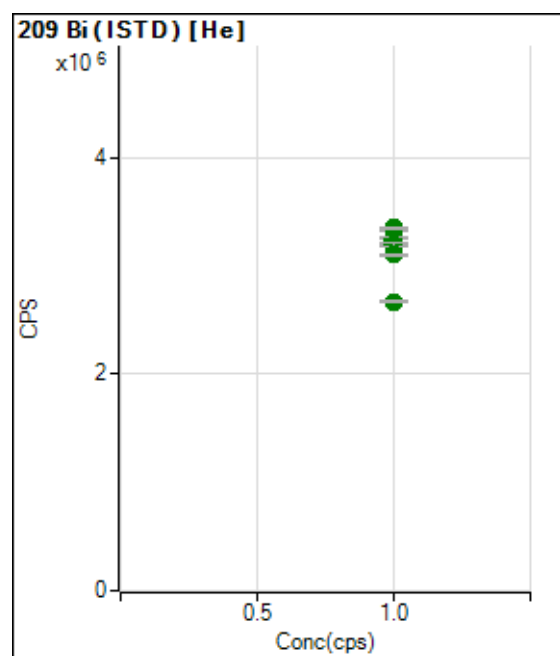
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8097828.77		A	1.2
2	☐	1.000		7852183.01		A	0.4
3	☐	1.000		8154198.14		A	1.7
4	☐	1.000		8204912.03		A	1.8
5	☐	1.000		8226643.90		A	1.6
6	☐	1.000		8066705.30		A	0.8
7	☐	1.000		7944790.99		A	2.5
8	☐	1.000		7519152.39		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5080607.15		A	0.6
2	☐	1.000		5087317.35		A	0.2
3	☐	1.000		5164833.74		A	1.4
4	☐	1.000		4982305.62		A	1.8
5	☐	1.000		5051764.82		A	1.6
6	☐	1.000		5058208.15		A	0.1
7	☐	1.000		5007239.96		A	1.2
8	☐	1.000		4707906.39		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4592764.27		A	0.9
2	☐	1.000		4443459.03		A	1.7
3	☐	1.000		4631537.05		A	0.7
4	☐	1.000		4641929.23		A	1.4
5	☐	1.000		4606639.03		A	1.2
6	☐	1.000		4448703.68		A	0.9
7	☐	1.000		4358885.98		A	2.5
8	☐	1.000		3727748.28		A	2.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3353548.49		A	0.7
2	☐	1.000		3348962.93		A	1.0
3	☐	1.000		3347422.80		A	0.8
4	☐	1.000		3227781.62		A	1.4
5	☐	1.000		3251444.85		A	1.6
6	☐	1.000		3205776.38		A	1.1
7	☐	1.000		3103617.17		A	0.9
8	☐	1.000		2674665.08		A	1.0