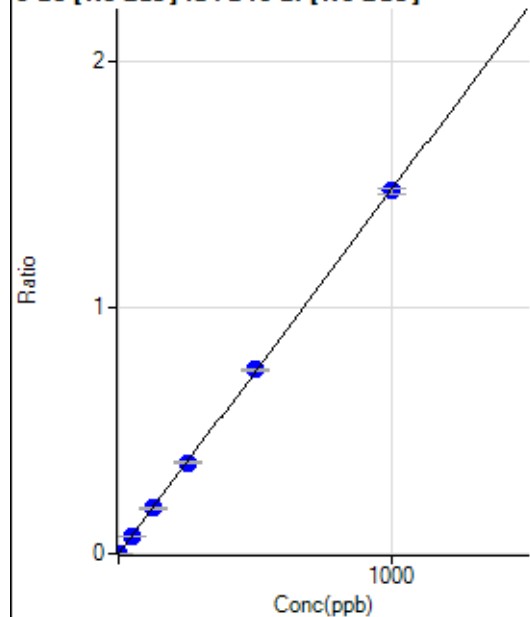


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7060625-MS.b\
Analysis File: P7060625-MS.batch.bin
DA Date-Time: 2025-06-06 18:45:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2025-06-06 14:55:49
2	007CALS.d	S02	2025-06-06 15:02:31
3	008CALS.d	S03	2025-06-06 15:05:54
4	009CALS.d	S04	2025-06-06 15:09:11
5	010CALS.d	S05	2025-06-06 15:12:22
6	011CALS.d	S06	2025-06-06 15:15:24
7	012CALS.d	S07	2025-06-06 15:18:19
8	013CALS.d	S08	2025-06-06 15:21:07

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.58	0.0001	P	42.2
2	☐	1.000	1.146	631.18	0.0018	P	1.7
3	☐	50.000	49.531	26851.54	0.0732	P	1.2
4	☐	125.000	124.345	66212.89	0.1836	P	0.7
5	☐	250.000	250.322	136876.38	0.3695	P	0.9
6	☐	500.000	506.319	278808.60	0.7472	P	1.0
7	☐	1000.000	996.865	539205.53	1.4711	P	1.4
8	☐			84.28	0.0002	P	10.7

$$y = 0.0015 * x + 7.0257E-005$$

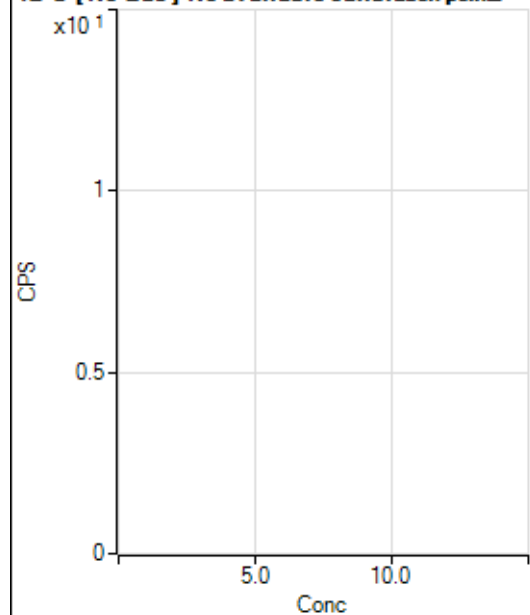
$$R = 1.0000$$

$$DL = 0.06025$$

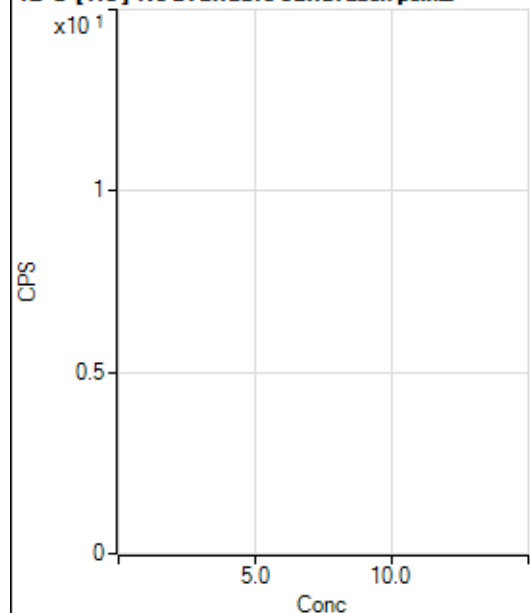
$$BEC = 0.04761$$

Weight: <None>

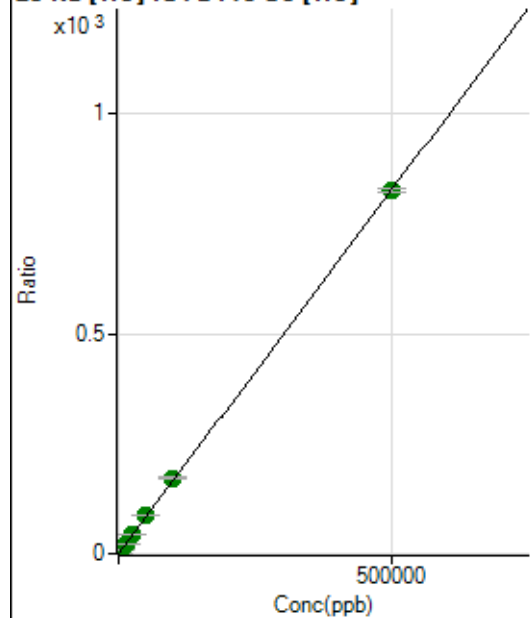
Min Conc: 0

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	10113.38	0.0697	P	1.9
2	☐	500.000	494.752	126811.40	0.8867	P	2.1
3	☐	5000.000	5044.597	1203384.29	8.4005	A	0.3
4	☐	12500.000	12633.317	2936004.37	20.9327	A	1.2
5	☐	25000.000	25992.366	5897222.41	42.9942	A	0.4
6	☐	50000.000	52437.627	11758848.44	86.6667	A	1.0
7	☐	100000.00	103661.52	23532597.71	171.2594	A	1.6
8	☐	500000.00	498970.54	119822322.6	824.0845	A	1.0

$$y = 0.0017 * x + 0.0697$$

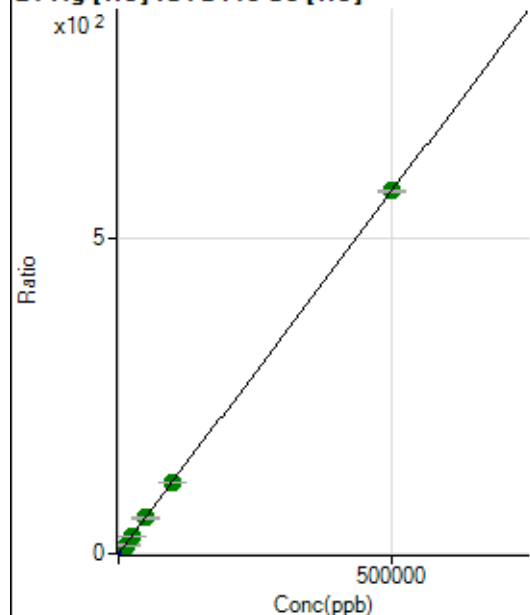
$$R = 1.0000$$

$$DL = 2.41$$

$$BEC = 42.19$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0009	P	4.8
2	☐	500.000	454.462	74642.73	0.5220	P	3.4
3	☐	5000.000	4251.345	698426.21	4.8758	P	1.1
4	☐	12500.000	11839.289	1904287.68	13.5767	A	1.9
5	☐	25000.000	24317.320	3824724.49	27.8849	A	0.8
6	☐	50000.000	49103.699	7639697.94	56.3068	A	0.7
7	☐	100000.00	97187.881	15313650.47	111.4437	A	0.3
8	☐	500000.00	500710.23	83485453.75	574.1521	A	0.8

$$y = 0.0011 * x + 8.6515E-004$$

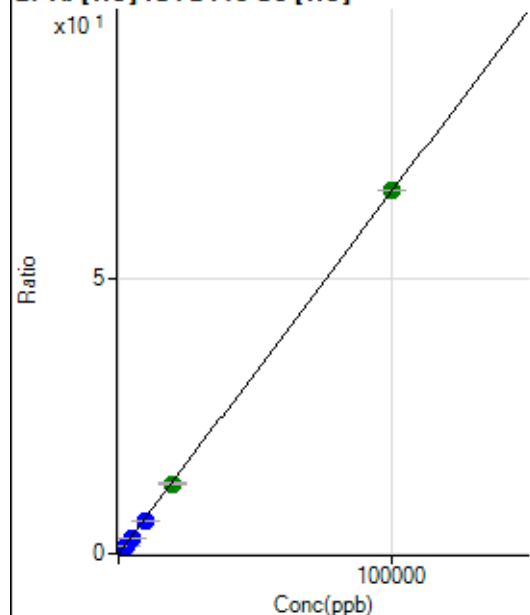
$$R = 1.0000$$

$$DL = 0.1088$$

$$BEC = 0.7545$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0010	P	8.0
2	☐	20.000	18.983	1936.81	0.0135	P	8.1
3	☐	1000.000	860.200	81429.53	0.5685	P	1.1
4	☐	2500.000	2170.829	201001.37	1.4331	P	1.1
5	☐	5000.000	4374.241	395928.31	2.8866	P	0.7
6	☐	10000.000	8855.262	792709.02	5.8426	P	0.2
7	☐	20000.000	19318.597	1751270.25	12.7449	A	1.3
8	☐	100000.00	100291.67	9620145.41	66.1605	A	0.2

$$y = 6.5967E-004 * x + 0.0010$$

$$R = 0.9999$$

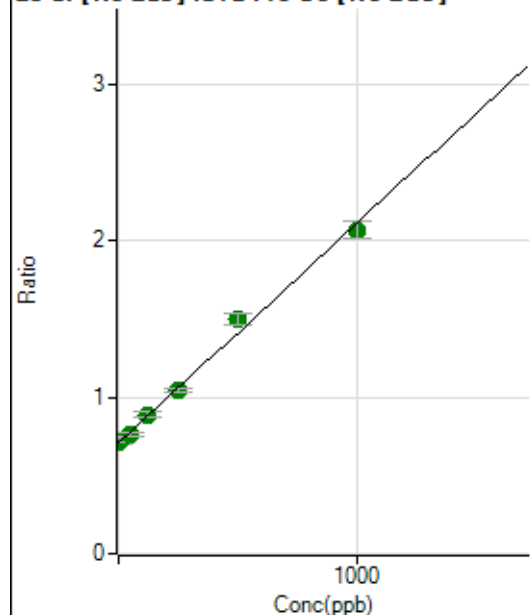
$$DL = 0.3738$$

$$BEC = 1.556$$

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	1216759.91	0.7088	A	2.1
2	☐	10.000	10.189	1231438.04	0.7231	A	2.2
3	☐	50.000	40.052	1318544.88	0.7650	A	2.6
4	☐	125.000	127.731	1502223.88	0.8879	A	4.0
5	☐	250.000	239.973	1742026.94	1.0453	A	3.3
6	☐	500.000	566.740	2475179.08	1.5035	A	5.0
7	☐	1000.000	969.291	3412543.07	2.0679	A	5.0
8	☐			785297.11	0.4722	P	1.0

$$y = 0.0014 * x + 0.7088$$

$$R = 0.9965$$

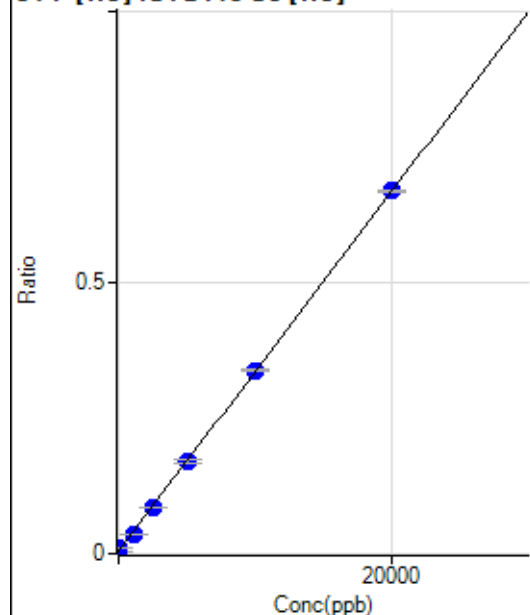
$$DL = 31.55$$

$$BEC = 505.5$$

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	-135.543	318.90	0.0022	P	3.3
2	☐	0.000	135.543	1597.88	0.0112	P	3.5
3	☐	1000.000	881.250	5138.69	0.0359	P	2.9
4	☐	2500.000	2402.000	12093.79	0.0862	P	1.1
5	☐	5000.000	4944.196	23374.66	0.1704	P	2.3
6	☐	10000.000	10024.970	45946.81	0.3386	P	1.7
7	☐	20000.000	20019.653	92011.74	0.6696	P	0.7
8	☐			344.45	0.0024	P	6.7

$$y = 3.3114E-005 * x + 0.0067$$

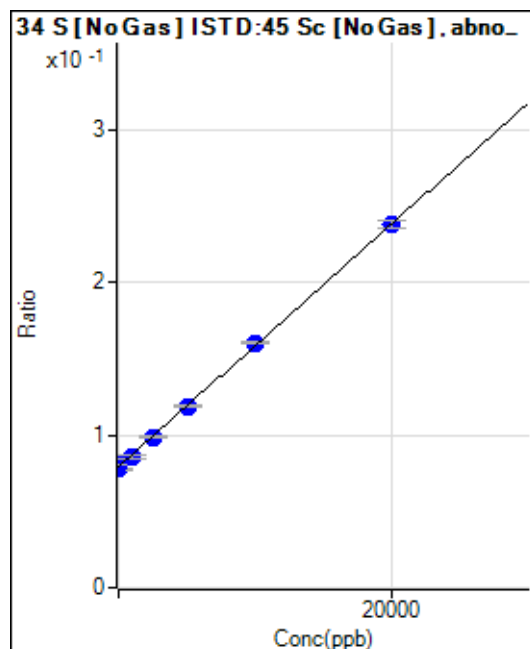
$$R = 0.9999$$

$$DL = 21.08$$

$$BEC = 201.9$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-185.291	133431.93	0.0777	P	1.7
2	☐	0.000	185.291	137388.04	0.0807	P	0.3
3	☐	1000.000	741.253	146659.26	0.0851	P	2.6
4	☐	2500.000	2458.011	167068.32	0.0987	P	1.8
5	☐	5000.000	4985.192	197946.74	0.1188	P	0.5
6	☐	10000.000	10196.506	263604.62	0.1602	P	0.8
7	☐	20000.000	19923.635	391679.77	0.2374	P	2.1
8	☐			104856.77	0.0630	P	1.5

$$y = 7.9403\text{E-}006 * x + 0.0792$$

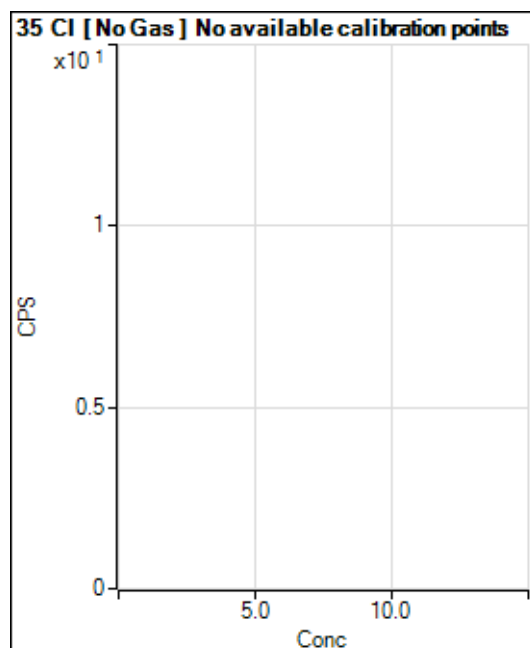
$$R = 0.9997$$

$$DL = 300.5$$

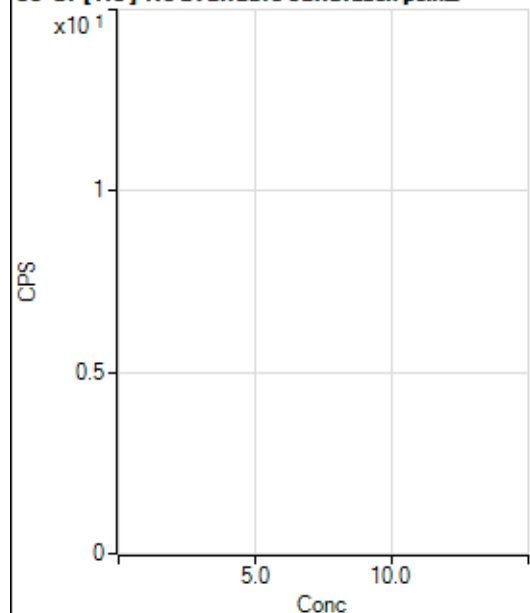
$$BEC = 9974$$

Weight: <None>

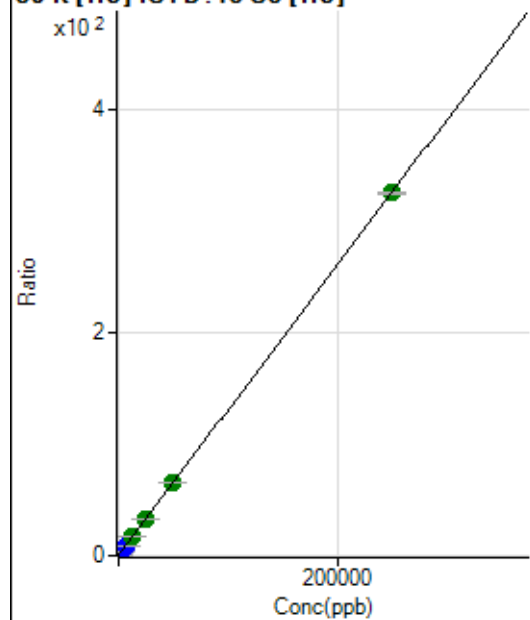
Min Conc: 0



	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	48840.35	0.3365	P	1.0
2	☐	500.000	501.681	141208.10	0.9873	P	0.6
3	☐	2500.000	2380.504	490568.56	3.4247	P	0.7
4	☐	6250.000	5927.144	1125709.25	8.0257	P	0.5
5	☐	12500.000	12604.055	2288866.20	16.6875	A	0.9
6	☐	25000.000	25075.253	4459183.79	32.8662	A	0.5
7	☐	50000.000	49924.282	8945716.95	65.1025	A	0.9
8	☐	250000.00	250011.67	47207505.96	324.6729	A	0.8

$$y = 0.0013 * x + 0.3365$$

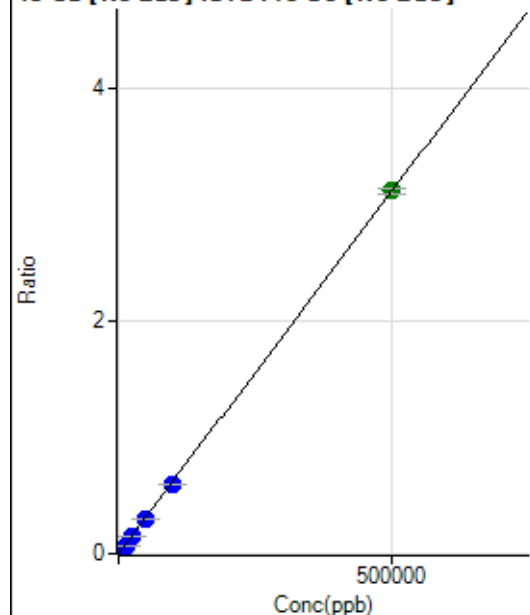
$$R = 1.0000$$

$$DL = 7.959$$

$$BEC = 259.4$$

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	318.90	0.0002	P	8.0
2	☐	500.000	473.316	5336.56	0.0031	P	1.8
3	☐	5000.000	4549.952	49168.56	0.0285	P	1.6
4	☐	12500.000	11421.816	120697.70	0.0713	P	1.7
5	☐	25000.000	23616.199	245401.64	0.1473	P	0.6
6	☐	50000.000	48631.333	498785.78	0.3030	P	1.0
7	☐	100000.00	96140.708	988214.98	0.5989	P	1.6
8	☐	500000.00	501009.39	5189323.26	3.1203	A	1.3

$$y = 6.2276E-006 * x + 1.8577E-004$$

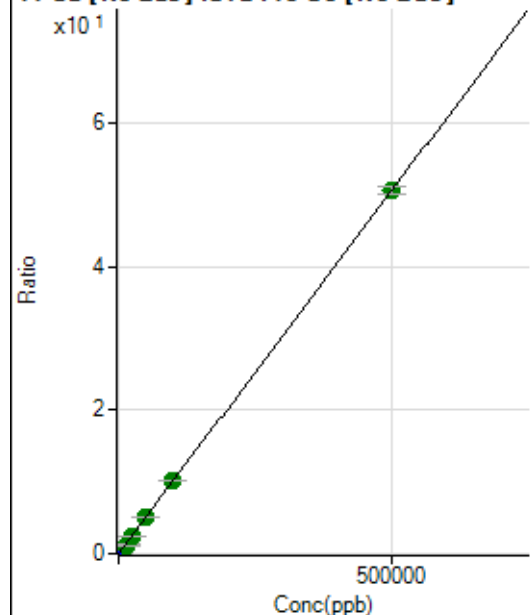
$$R = 1.0000$$

$$DL = 7.119$$

$$BEC = 29.83$$

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	5802.28	0.0034	P	3.0
2	☐	500.000	482.156	88764.20	0.0521	P	1.3
3	☐	5000.000	4496.607	789401.74	0.4579	P	2.0
4	☐	12500.000	11881.283	2038343.65	1.2044	A	2.0
5	☐	25000.000	24190.721	4081014.38	2.4488	A	1.5
6	☐	50000.000	49300.431	8207942.38	4.9871	A	1.1
7	☐	100000.00	100536.72	16772739.05	10.1664	A	2.1
8	☐	500000.00	500023.59	84066673.19	50.5498	A	2.1

$$y = 1.0109E-004 * x + 0.0034$$

$$R = 1.0000$$

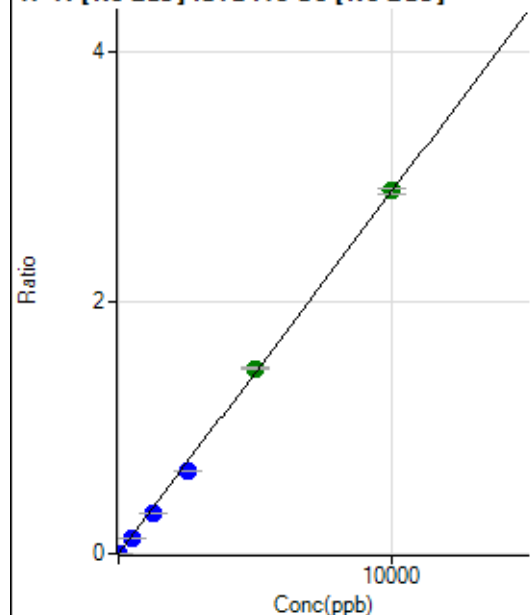
$$DL = 3.006$$

$$BEC = 33.44$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0000	P	24.4
2	☐	5.000	4.783	2416.88	0.0014	P	1.2
3	☐	500.000	437.839	217513.72	0.1262	P	3.5
4	☐	1250.000	1110.758	541676.33	0.3201	P	2.8
5	☐	2500.000	2275.059	1092559.45	0.6556	P	0.2
6	☐	5000.000	5110.532	2423842.51	1.4727	A	0.8
7	☐	10000.000	10021.482	4765288.72	2.8878	A	1.8
8	☐			286.68	0.0002	P	4.4

$$y = 2.8816\text{E-}004 * x + 4.0704\text{E-}005$$

$$R = 0.9996$$

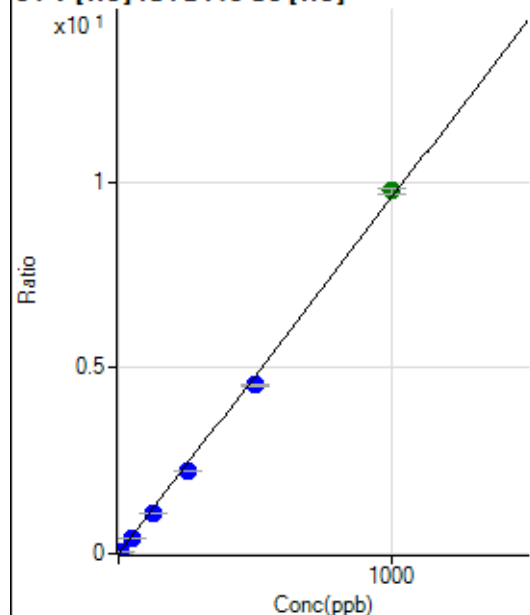
$$DL = 0.1032$$

$$BEC = 0.1413$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	5.000	4.795	6579.28	0.0460	P	1.2
3	☐	50.000	45.355	62293.78	0.4349	P	1.0
4	☐	125.000	113.750	152979.73	1.0906	P	0.7
5	☐	250.000	233.113	306574.12	2.2351	P	0.2
6	☐	500.000	473.187	615555.32	4.5369	P	0.2
7	☐	1000.000	1019.268	1342852.23	9.7726	A	1.5
8	☐			340.01	0.0023	P	7.2

$$y = 0.0096 * x + 2.3089\text{E-}005$$

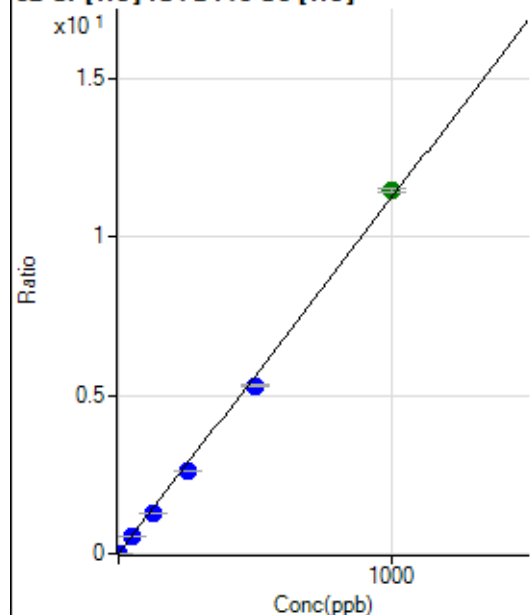
$$R = 0.9993$$

$$DL = 0.007276$$

$$BEC = 0.002408$$

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	905.60	0.0062	P	6.7
2	☐	2.000	1.921	3972.78	0.0278	P	3.0
3	☐	50.000	45.665	74216.28	0.5181	P	1.0
4	☐	125.000	114.648	181129.94	1.2914	P	1.3
5	☐	250.000	233.242	359457.12	2.6207	P	0.9
6	☐	500.000	472.320	719176.65	5.3006	P	0.3
7	☐	1000.000	1019.540	1571210.65	11.4345	A	1.2
8	☐			3252.61	0.0224	P	2.8

$$y = 0.0112 * x + 0.0062$$

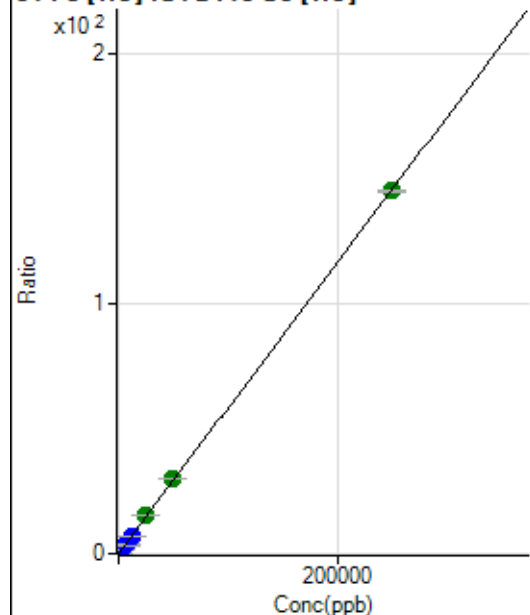
$$R = 0.9993$$

$$DL = 0.1115$$

$$BEC = 0.5567$$

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	1887.92	0.0130	P	4.4
2	☐	50.000	49.757	5995.69	0.0419	P	1.1
3	☐	2500.000	2365.423	198800.70	1.3878	P	0.6
4	☐	6250.000	5947.958	486722.25	3.4700	P	0.7
5	☐	12500.000	12119.098	967914.96	7.0568	P	1.1
6	☐	25000.000	26186.477	2066833.08	15.2329	A	1.3
7	☐	50000.000	51295.760	4098488.62	29.8268	A	0.8
8	☐	250000.00	249650.14	21099847.60	145.1131	A	0.5

$$y = 5.8121E-004 * x + 0.0130$$

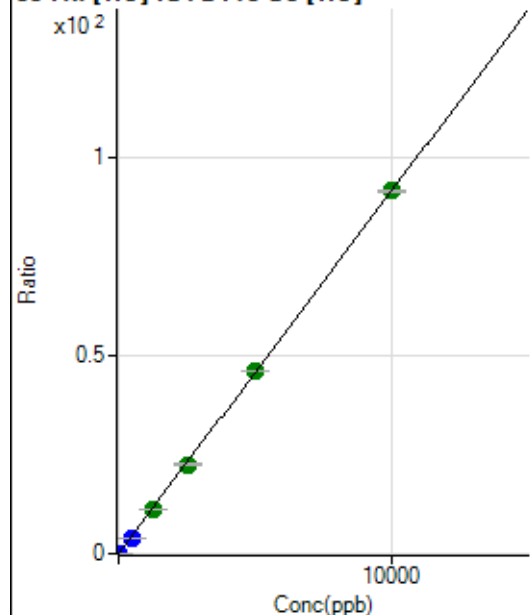
$$R = 1.0000$$

$$DL = 2.972$$

$$BEC = 22.37$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1964.59	0.0135	P	1.5
2	☐	1.000	1.014	3261.50	0.0228	P	1.4
3	☐	500.000	447.590	587815.41	4.1034	P	0.4
4	☐	1250.000	1208.448	1550755.05	11.0559	A	1.4
5	☐	2500.000	2457.767	3082229.05	22.4717	A	1.4
6	☐	5000.000	5028.744	6236451.99	45.9643	A	0.7
7	☐	10000.000	10004.001	12563253.43	91.4263	A	0.2
8	☐			6043.50	0.0416	P	4.7

$$y = 0.0091 * x + 0.0135$$

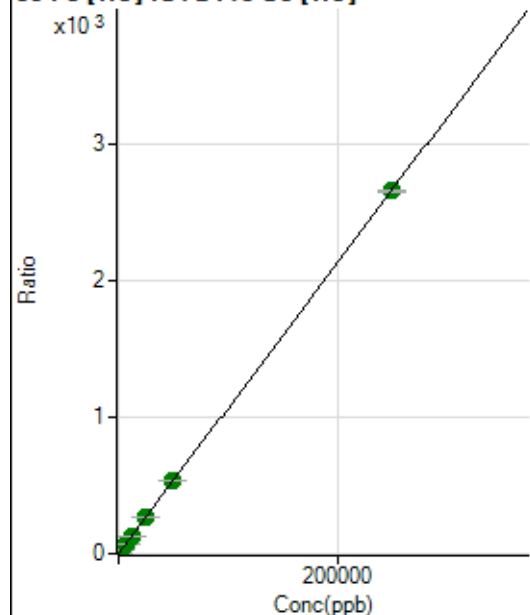
$$R = 1.0000$$

$$DL = 0.06576$$

$$BEC = 1.481$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14385.89	0.0991	P	1.6
2	☐	50.000	50.244	90715.49	0.6342	P	0.8
3	☐	2500.000	2401.719	3678560.12	25.6798	A	1.4
4	☐	6250.000	6063.688	9072355.77	64.6835	A	1.4
5	☐	12500.000	12342.975	18045628.48	131.5643	A	0.6
6	☐	25000.000	25395.675	36712640.84	270.5888	A	0.7
7	☐	50000.000	50259.792	73572002.79	535.4169	A	0.6
8	☐	250000.00	249921.96	387068727.5	2.662021	A	0.4

$$y = 0.0107 * x + 0.0991$$

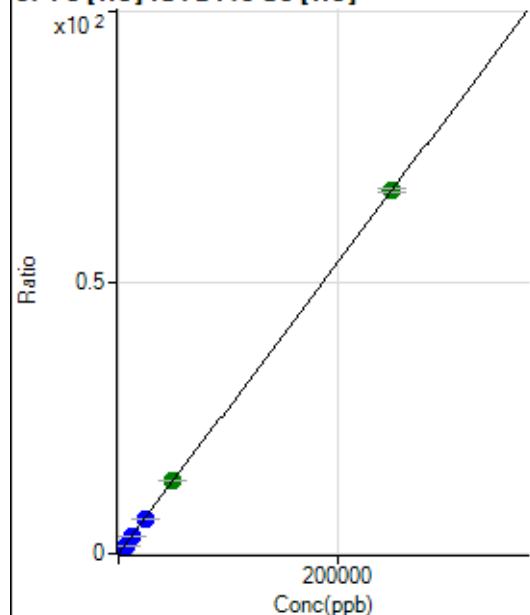
$$R = 1.0000$$

$$DL = 0.4467$$

$$BEC = 9.304$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1474.53	0.0102	P	3.7
2	☐	50.000	52.522	3463.76	0.0242	P	6.5
3	☐	2500.000	2319.683	90454.31	0.6315	P	1.3
4	☐	6250.000	5844.981	221007.35	1.5757	P	1.1
5	☐	12500.000	11916.947	439189.67	3.2020	P	1.0
6	☐	25000.000	24398.243	888021.93	6.5451	P	0.1
7	☐	50000.000	50544.193	1861639.57	13.5481	A	0.7
8	☐	250000.00	249992.41	9737187.01	66.9689	A	1.2

$$y = 2.6784\text{E-}004 * x + 0.0102$$

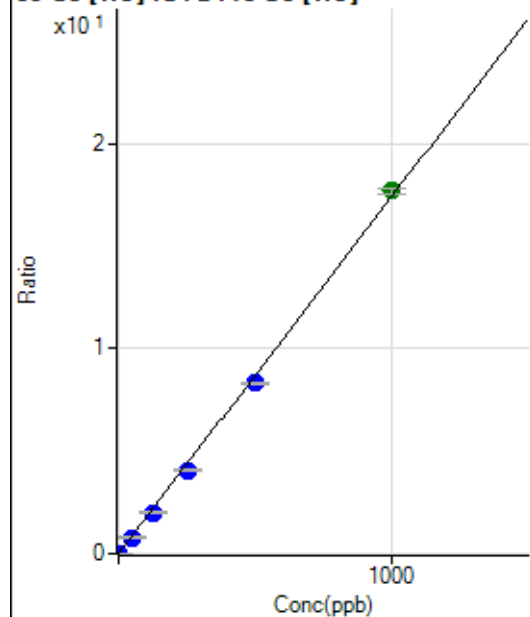
$$R = 1.0000$$

$$DL = 4.262$$

$$BEC = 37.93$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0002	P	8.2
2	☐	1.000	1.022	2564.69	0.0179	P	4.5
3	☐	50.000	45.776	113993.59	0.7958	P	1.3
4	☐	125.000	114.973	280310.20	1.9985	P	1.6
5	☐	250.000	234.045	557988.02	4.0681	P	0.9
6	☐	500.000	477.146	1125227.68	8.2935	P	0.8
7	☐	1000.000	1016.880	2428592.90	17.6746	A	1.6
8	☐			4357.35	0.0300	P	2.0

$$y = 0.0174 * x + 1.7613\text{E-}004$$

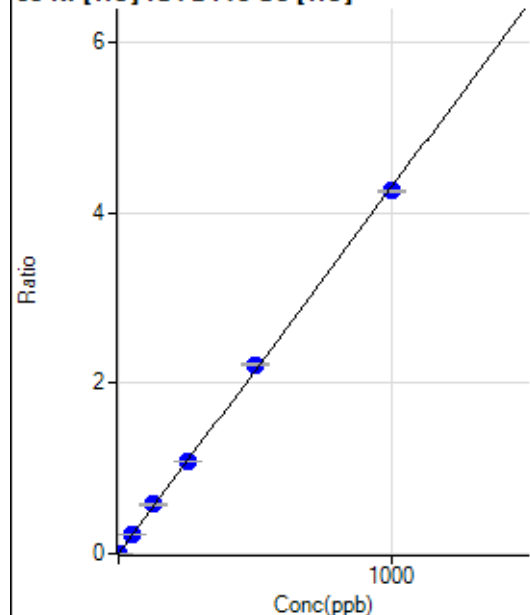
$$R = 0.9995$$

$$DL = 0.002504$$

$$BEC = 0.01013$$

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	255.56	0.0018	P	4.5
2	☐	1.000	0.966	845.59	0.0059	P	7.5
3	☐	50.000	51.763	32108.88	0.2242	P	1.6
4	☐	125.000	134.303	81180.89	0.5788	P	1.5
5	☐	250.000	252.724	149175.93	1.0876	P	0.8
6	☐	500.000	515.939	301001.63	2.2185	P	0.4
7	☐	1000.000	990.099	584802.67	4.2558	P	0.7
8	☐			2145.73	0.0148	P	2.9

$$y = 0.0043 * x + 0.0018$$

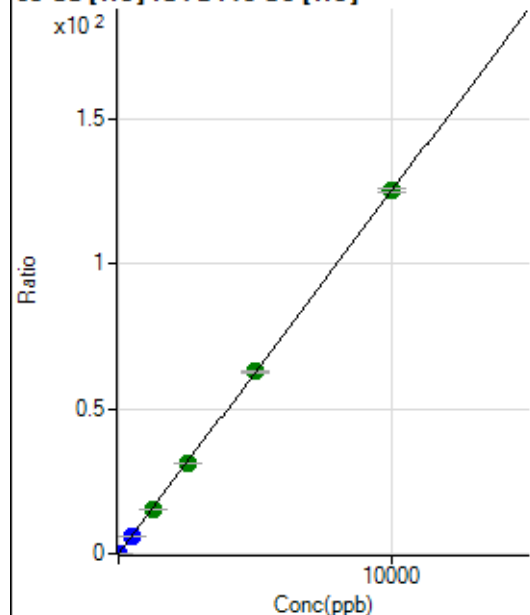
$$R = 0.9998$$

$$DL = 0.0555$$

$$BEC = 0.4096$$

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	978.93	0.0067	P	8.8
2	☐	2.000	2.037	4609.65	0.0322	P	2.8
3	☐	500.000	455.840	818055.73	5.7109	P	0.8
4	☐	1250.000	1216.101	2135282.10	15.2245	A	3.1
5	☐	2500.000	2490.686	4276000.52	31.1740	A	0.4
6	☐	5000.000	5012.894	8511989.80	62.7357	A	0.7
7	☐	10000.000	10002.327	17199735.30	125.1711	A	0.9
8	☐			3926.10	0.0270	P	2.1

$$y = 0.0125 * x + 0.0067$$

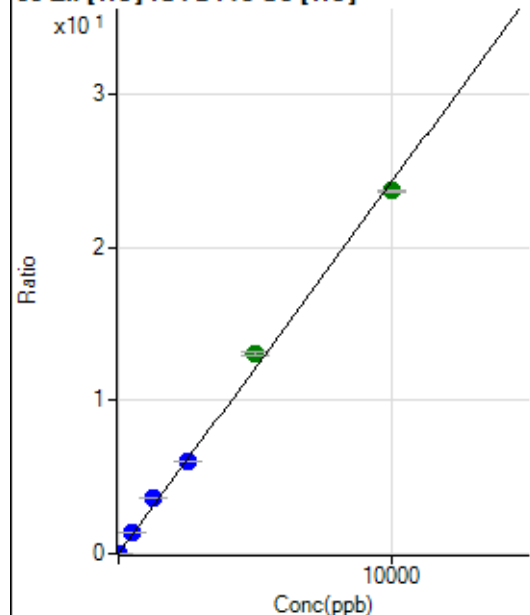
$$R = 1.0000$$

$$DL = 0.1423$$

$$BEC = 0.5392$$

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	378.90	0.0026	P	10.6
2	☐	5.000	4.833	2049.05	0.0143	P	6.3
3	☐	500.000	553.661	192637.88	1.3448	P	0.5
4	☐	1250.000	1490.425	507163.39	3.6157	P	0.0
5	☐	2500.000	2488.694	827873.36	6.0357	P	0.7
6	☐	5000.000	5404.394	1777849.17	13.1039	A	2.1
7	☐	10000.000	9767.893	3254165.23	23.6819	A	0.4
8	☐			14378.13	0.0989	P	2.8

$$y = 0.0024 * x + 0.0026$$

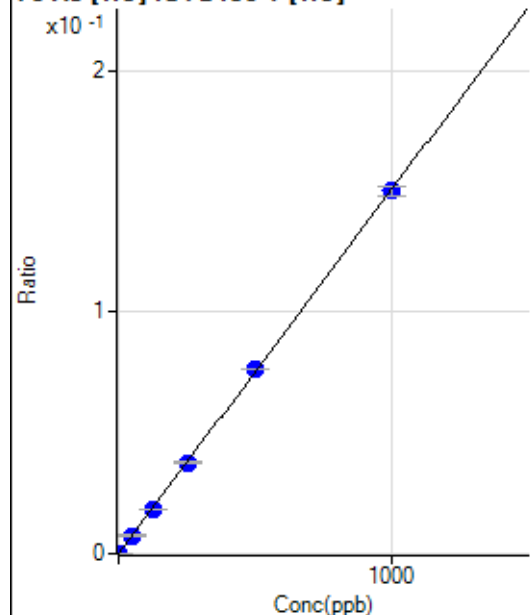
$$R = 0.9985$$

$$DL = 0.3424$$

$$BEC = 1.077$$

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	13.34	0.0000	P	42.9
2	☐	1.000	0.980	213.34	0.0002	P	3.4
3	☐	50.000	49.840	10004.56	0.0075	P	1.7
4	☐	125.000	121.197	24292.21	0.0183	P	2.5
5	☐	250.000	250.618	48834.69	0.0377	P	0.8
6	☐	500.000	507.169	98594.56	0.0764	P	0.7
7	☐	1000.000	996.744	199048.36	0.1501	P	2.6
8	☐			140.00	0.0001	P	11.5

$$y = 1.5054E-004 * x + 1.0045E-005$$

$$R = 1.0000$$

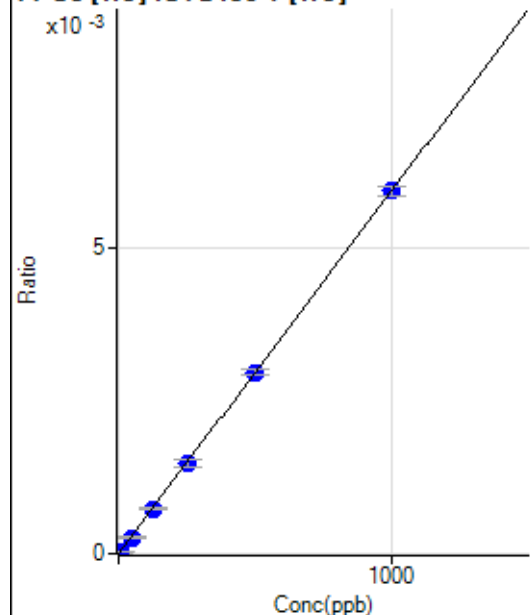
$$DL = 0.08579$$

$$BEC = 0.06673$$

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	2.22	0.0000	P	173.
2	☐	5.000	5.373	45.56	0.0000	P	38.5
3	☐	50.000	44.657	354.45	0.0003	P	6.0
4	☐	125.000	124.136	981.15	0.0007	P	3.6
5	☐	250.000	249.780	1916.81	0.0015	P	7.8
6	☐	500.000	500.384	3829.43	0.0030	P	2.6
7	☐	1000.000	1000.236	7862.15	0.0059	P	2.9
8	☐			4.44	0.0000	P	112.

$$y = 5.9242\text{E-}006 * x + 1.6916\text{E-}006$$

$$R = 1.0000$$

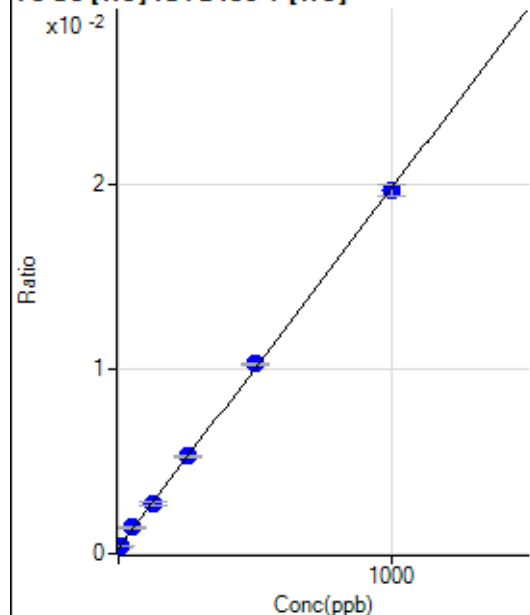
$$DL = 1.484$$

$$BEC = 0.2855$$

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	424.45	0.0003	P	6.2
2	☐	5.000	4.171	543.35	0.0004	P	12.9
3	☐	50.000	55.799	1875.70	0.0014	P	8.1
4	☐	125.000	124.236	3648.27	0.0027	P	6.1
5	☐	250.000	254.853	6847.21	0.0053	P	2.2
6	☐	500.000	511.653	13299.44	0.0103	P	1.5
7	☐	1000.000	992.770	26108.79	0.0197	P	3.1
8	☐			464.46	0.0003	P	2.9

$$y = 1.9506\text{E-}005 * x + 3.2032\text{E-}004$$

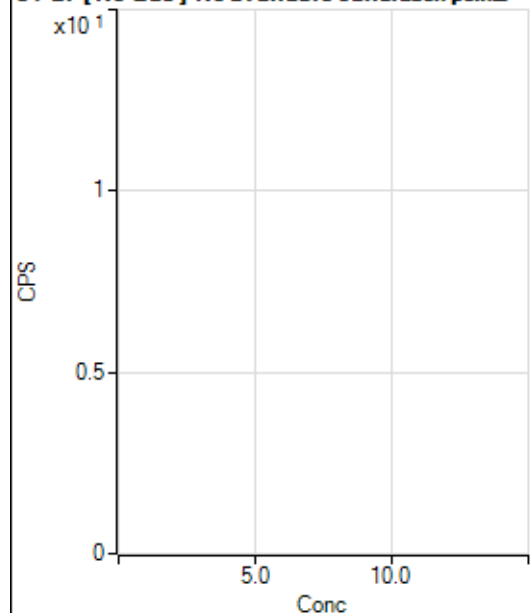
$$R = 0.9999$$

$$DL = 3.07$$

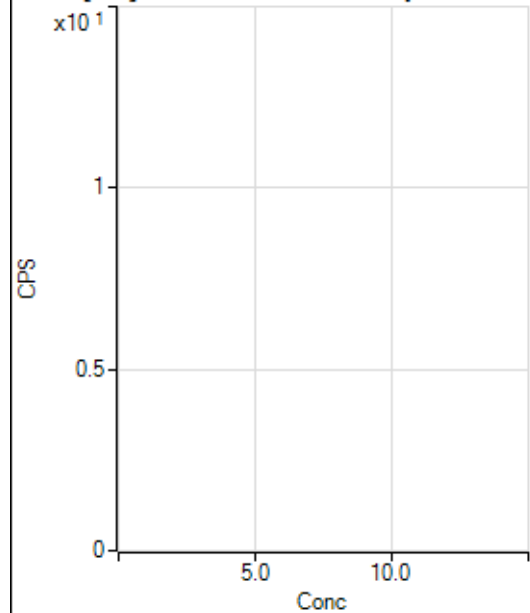
$$BEC = 16.42$$

Weight: <None>

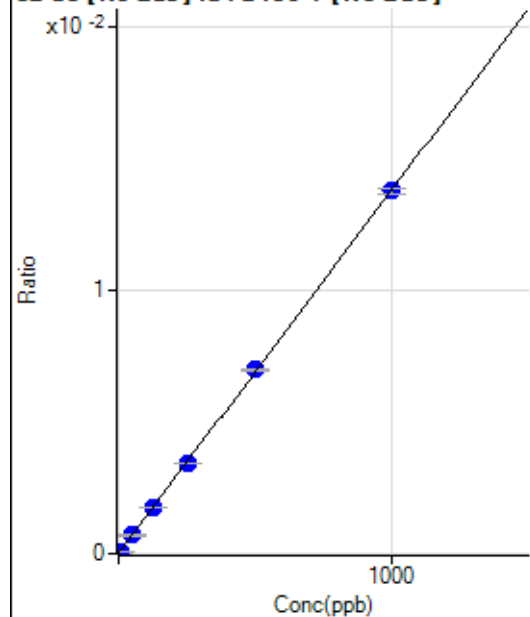
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17206.92		P	3.7
2	☐			17394.87		P	0.8
3	☐			17775.34		P	3.7
4	☐			17235.78		P	1.1
5	☐			16889.85		P	2.9
6	☐			16630.67		P	0.1
7	☐			17411.57		P	1.4
8	☐			18305.97		P	3.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	13.9
2	☐			133.34		P	15.2
3	☐			125.56		P	16.2
4	☐			130.00		P	27.1
5	☐			127.78		P	18.5
6	☐			124.45		P	17.2
7	☐			162.23		P	17.5
8	☐			208.89		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.86	0.0000	P	30.7
2	☐	5.000	4.334	394.33	0.0001	P	14.3
3	☐	50.000	49.332	3539.71	0.0007	P	2.4
4	☐	125.000	124.498	8690.53	0.0017	P	2.0
5	☐	250.000	247.094	17140.70	0.0034	P	1.3
6	☐	500.000	504.894	34504.59	0.0070	P	1.0
7	☐	1000.000	998.379	69088.96	0.0138	P	1.4
8	☐			235.48	0.0000	P	13.8

$$y = 1.3789\text{E-}005 * x + 1.9224\text{E-}005$$

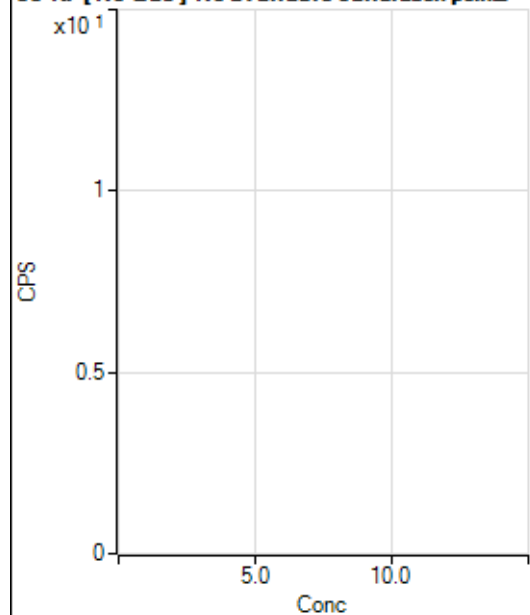
$$R = 1.0000$$

$$DL = 1.284$$

$$BEC = 1.394$$

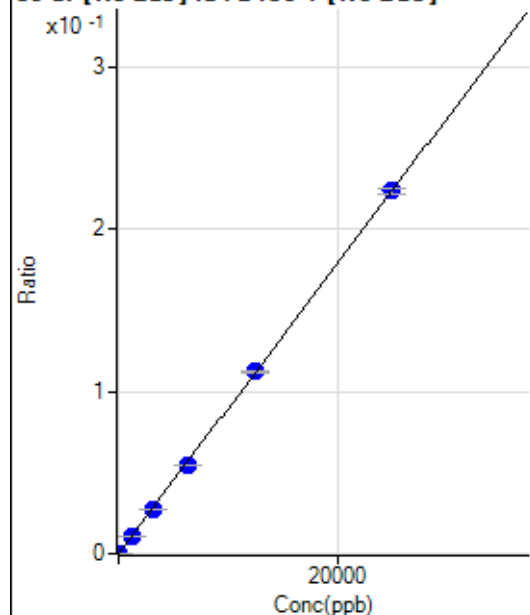
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			240.01		P	16.0
2	☐			260.01		P	12.4
3	☐			245.56		P	9.2
4	☐			242.23		P	17.2
5	☐			207.78		P	25.4
6	☐			207.78		P	0.9
7	☐			233.34		P	10.3
8	☐			260.00		P	8.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.12	0.0001	P	12.0
2	☐	1.000	26.414	1560.10	0.0003	P	4.9
3	☐	1250.000	1184.126	53804.84	0.0106	P	1.7
4	☐	3125.000	3010.865	134768.68	0.0269	P	1.0
5	☐	6250.000	6051.577	270284.67	0.0540	P	0.6
6	☐	12500.000	12544.430	553126.74	0.1119	P	1.3
7	☐	25000.000	25044.950	1119384.82	0.2234	P	1.7
8	☐			4292.89	0.0009	P	3.7

$$y = 8.9157\text{E-}006 * x + 7.6806\text{E-}005$$

$$R = 1.0000$$

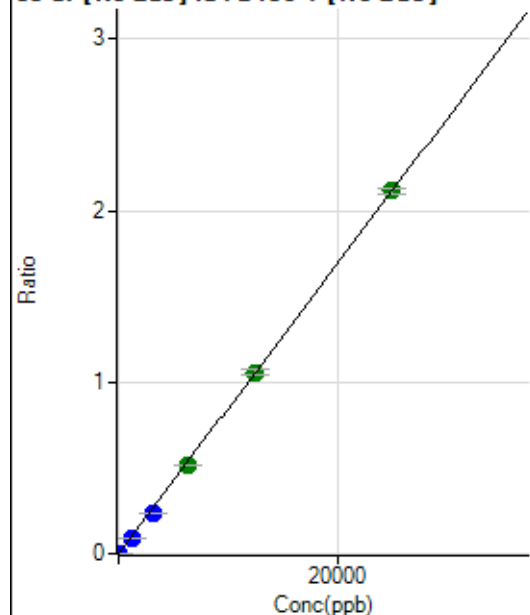
$$DL = 3.104$$

$$BEC = 8.615$$

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	95.56	0.0000	P	6.2
2	☐	1.000	24.350	10361.53	0.0021	P	2.6
3	☐	1250.000	1101.623	470415.88	0.0930	P	2.6
4	☐	3125.000	2775.628	1172548.97	0.2342	P	1.6
5	☐	6250.000	6129.651	2587655.54	0.5173	A	1.5
6	☐	12500.000	12542.698	5230847.49	1.0584	A	2.4
7	☐	25000.000	25059.827	10598249.15	2.1147	A	1.4
8	☐			35028.41	0.0070	P	0.5

$$y = 8.4386\text{E-}005 * x + 1.8758\text{E-}005$$

$$R = 0.9999$$

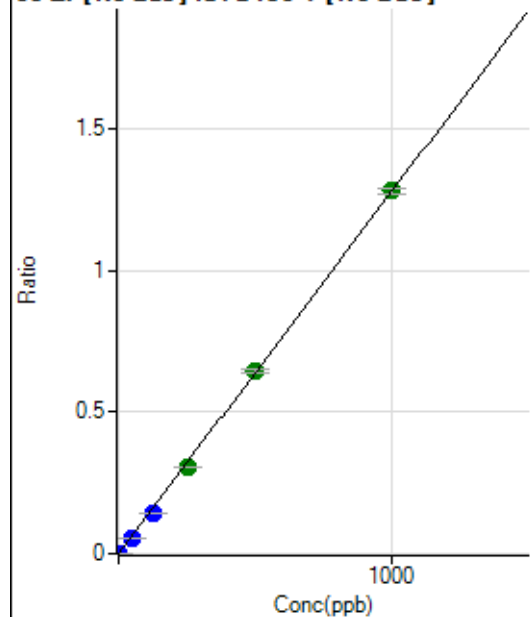
$$DL = 0.04135$$

$$BEC = 0.2223$$

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	192.23	0.0000	P	19.8
2	☐	1.000	0.996	6547.07	0.0013	P	2.7
3	☐	50.000	43.554	281625.27	0.0557	P	2.7
4	☐	125.000	110.327	705559.38	0.1409	P	1.8
5	☐	250.000	238.888	1526485.57	0.3052	A	0.3
6	☐	500.000	504.491	3184629.33	0.6444	A	1.7
7	☐	1000.000	1002.689	6417894.77	1.2807	A	1.8
8	☐			5185.40	0.0010	P	1.8

$$y = 0.0013 * x + 3.7707E-005$$

$$R = 0.9998$$

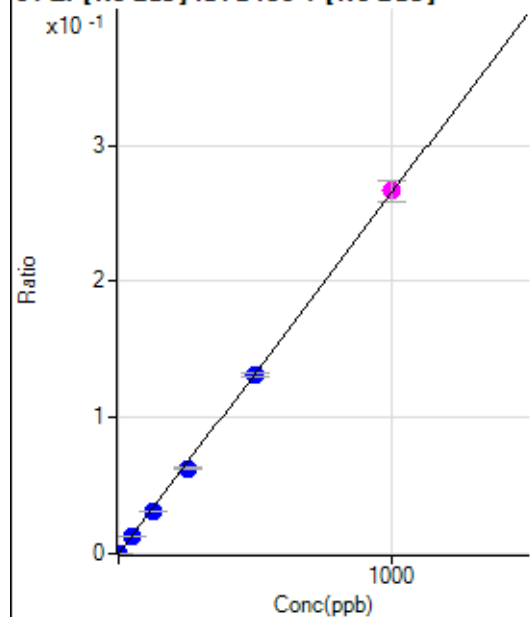
$$DL = 0.01753$$

$$BEC = 0.02952$$

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	37.78	0.0000	P	31.9
2	☐	1.000	1.086	1473.42	0.0003	P	5.0
3	☐	50.000	46.216	61948.18	0.0122	P	3.1
4	☐	125.000	118.858	157590.06	0.0315	P	1.4
5	☐	250.000	237.230	314277.52	0.0628	P	0.4
6	☐	500.000	495.147	648019.58	0.1311	P	1.7
7	☐	1000.000	1006.576	1335366.57	0.2665	M	5.9
8	☐			1241.18	0.0002	P	5.4

$$y = 2.6480E-004 * x + 7.4284E-006$$

$$R = 0.9999$$

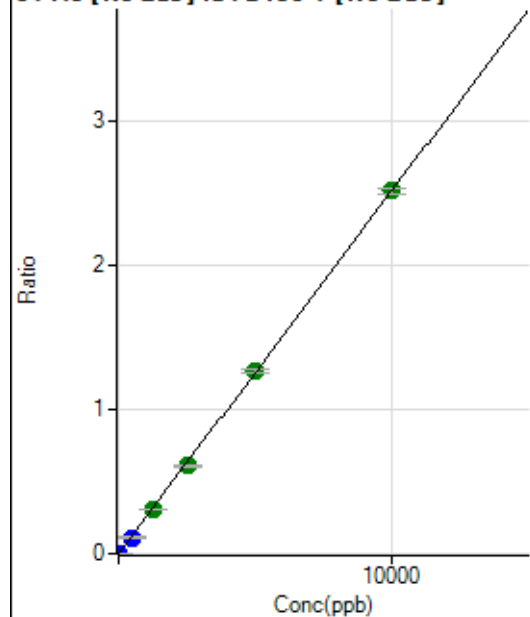
$$DL = 0.02687$$

$$BEC = 0.02805$$

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	127.78	0.0000	P	12.5
2	☐	5.000	5.857	7479.75	0.0015	P	0.4
3	☐	500.000	445.991	567096.16	0.1121	P	2.3
4	☐	1250.000	1205.142	1516136.00	0.3028	A	1.2
5	☐	2500.000	2417.304	3038494.92	0.6074	A	0.5
6	☐	5000.000	5039.388	6258082.75	1.2662	A	1.1
7	☐	10000.000	10009.287	12604108.56	2.5150	A	1.4
8	☐			3630.49	0.0007	P	4.9

$$y = 2.5126E-004 * x + 2.5057E-005$$

$$R = 0.9999$$

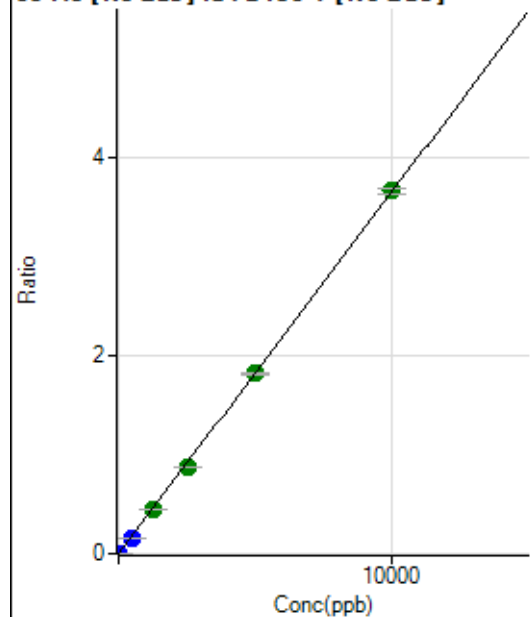
$$DL = 0.03751$$

$$BEC = 0.09973$$

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	117.78	0.0000	P	23.0
2	☐	5.000	4.791	8844.96	0.0018	P	2.5
3	☐	500.000	438.629	809414.46	0.1600	P	2.3
4	☐	1250.000	1208.365	2206432.69	0.4407	A	0.6
5	☐	2500.000	2405.684	4388766.60	0.8773	A	0.4
6	☐	5000.000	4987.192	8989111.74	1.8188	A	0.5
7	☐	10000.000	10038.256	18347080.42	3.6608	A	1.7
8	☐			2204.64	0.0004	P	5.7

$$y = 3.6468E-004 * x + 2.3146E-005$$

$$R = 0.9999$$

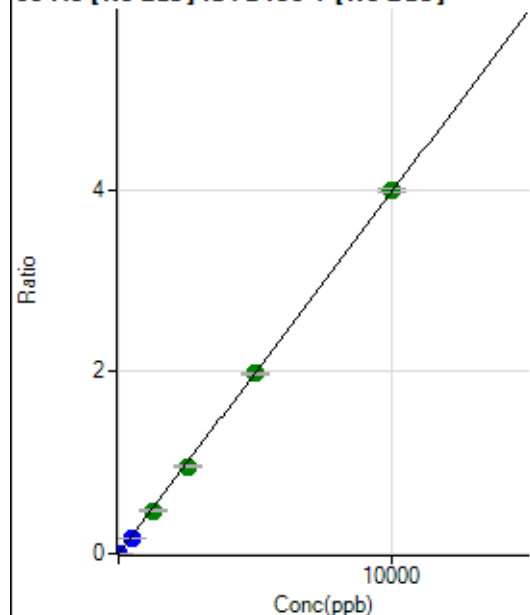
$$DL = 0.04378$$

$$BEC = 0.06347$$

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	185.56	0.0000	P	5.0
2	☐	5.000	4.802	9723.32	0.0019	P	2.6
3	☐	500.000	436.918	879320.88	0.1738	P	2.3
4	☐	1250.000	1194.021	2377237.86	0.4749	A	1.9
5	☐	2500.000	2411.794	4798463.95	0.9592	A	1.4
6	☐	5000.000	4995.014	9818205.34	1.9866	A	1.1
7	☐	10000.000	10034.696	20000363.17	3.9909	A	1.0
8	☐			9668.86	0.0019	P	2.9

$$y = 3.9770\text{E-}004 * x + 3.6402\text{E-}005$$

$$R = 0.9999$$

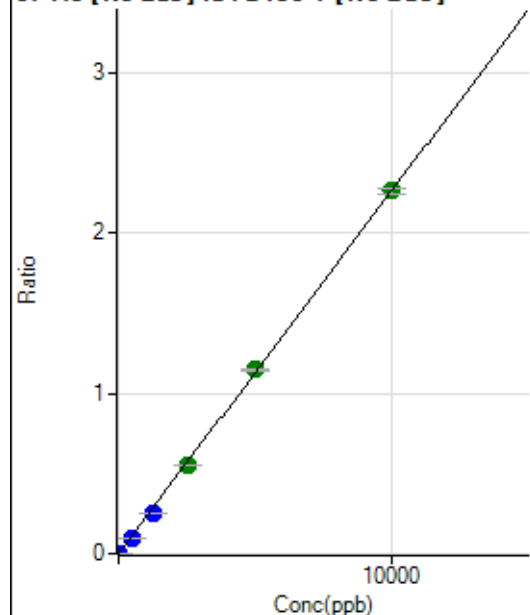
$$DL = 0.0136$$

$$BEC = 0.09153$$

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	82.22	0.0000	P	9.4
2	☐	5.000	4.932	5652.27	0.0011	P	2.9
3	☐	500.000	444.441	508414.39	0.1005	P	2.3
4	☐	1250.000	1114.464	1261266.99	0.2520	P	1.5
5	☐	2500.000	2428.643	2746526.30	0.5490	A	0.6
6	☐	5000.000	5065.774	5659913.32	1.1452	A	1.3
7	☐	10000.000	10004.672	11334340.25	2.2617	A	1.4
8	☐			1391.19	0.0003	P	4.1

$$y = 2.2607\text{E-}004 * x + 1.6144\text{E-}005$$

$$R = 0.9999$$

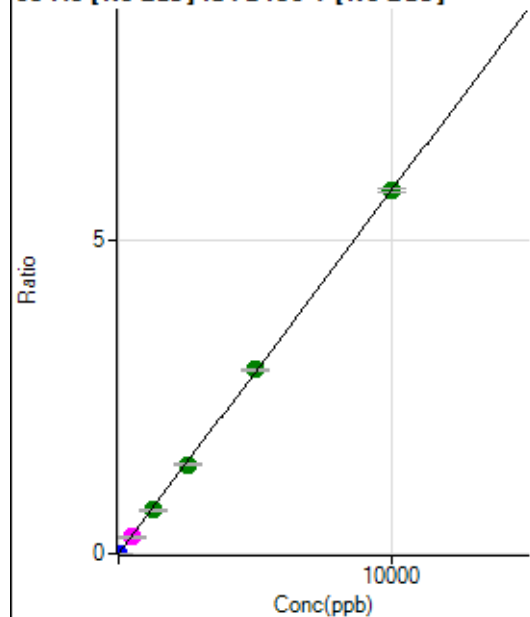
$$DL = 0.02019$$

$$BEC = 0.07141$$

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	174.45	0.0000	P	8.3
2	☐	5.000	4.834	14194.77	0.0028	P	3.3
3	☐	500.000	456.735	1341928.19	0.2652	M	5.4
4	☐	1250.000	1196.268	3477390.54	0.6946	A	2.9
5	☐	2500.000	2451.022	7119290.80	1.4232	A	1.5
6	☐	5000.000	5063.712	14531769.92	2.9403	A	1.1
7	☐	10000.000	9989.269	29068512.90	5.8003	A	1.1
8	☐			3419.32	0.0007	P	4.2

$$y = 5.8065E-004 * x + 3.4244E-005$$

$$R = 0.9999$$

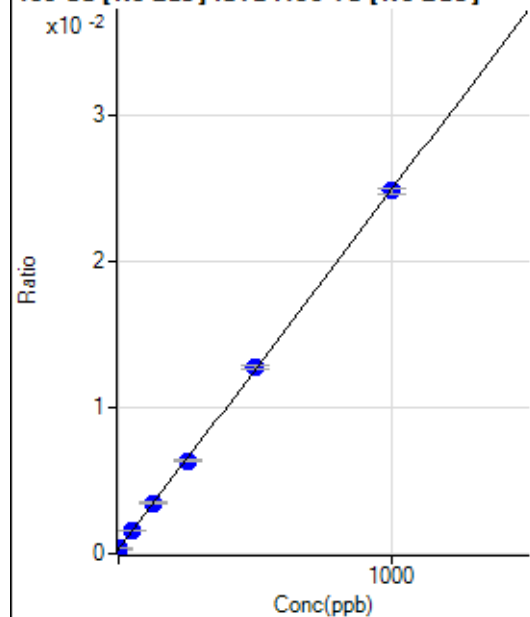
$$DL = 0.01477$$

$$BEC = 0.05897$$

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	1168.95	0.0003	P	0.9
2	☐	1.000	1.571	1294.51	0.0003	P	5.6
3	☐	50.000	49.858	5783.43	0.0015	P	1.9
4	☐	125.000	127.588	12850.23	0.0034	P	3.9
5	☐	250.000	247.039	24046.69	0.0064	P	1.4
6	☐	500.000	506.651	48088.58	0.0128	P	1.5
7	☐	1000.000	997.098	94918.43	0.0248	P	1.9
8	☐			1111.17	0.0003	P	3.0

$$y = 2.4614E-005 * x + 3.0665E-004$$

$$R = 1.0000$$

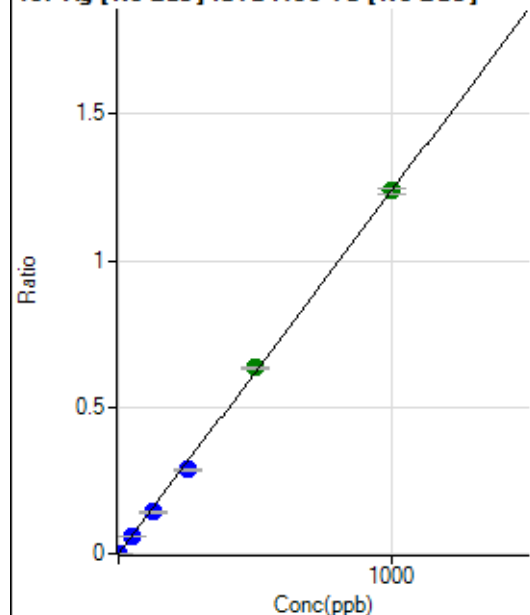
$$DL = 0.3416$$

$$BEC = 12.46$$

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	42.22	0.0000	P	48.3
2	☐	1.000	1.082	5059.82	0.0013	P	0.5
3	☐	50.000	46.237	215815.58	0.0572	P	1.5
4	☐	125.000	114.063	526396.48	0.1412	P	1.7
5	☐	250.000	233.005	1085723.85	0.2884	P	2.2
6	☐	500.000	511.815	2384452.57	0.6335	A	1.4
7	☐	1000.000	999.897	4727529.44	1.2377	A	1.9
8	☐			526.68	0.0001	P	17.3

$$y = 0.0012 * x + 1.1082E-005$$

$$R = 0.9997$$

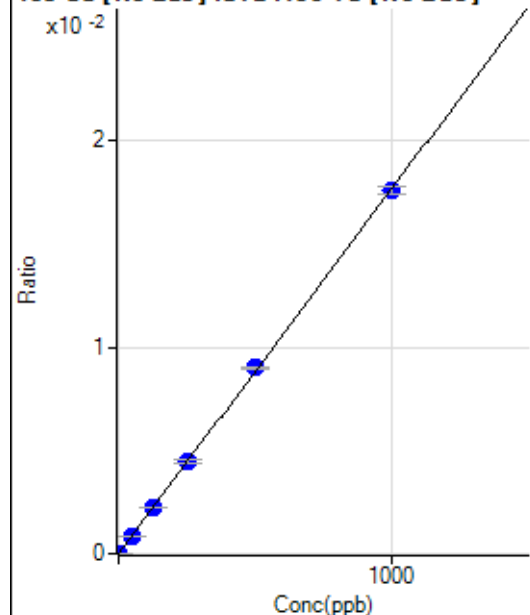
$$DL = 0.01296$$

$$BEC = 0.008953$$

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	2.22	0.0000	P	173.
2	☐	1.000	1.126	76.67	0.0000	P	13.8
3	☐	50.000	49.242	3281.52	0.0009	P	3.0
4	☐	125.000	124.975	8233.53	0.0022	P	0.4
5	☐	250.000	252.024	16759.81	0.0045	P	3.5
6	☐	500.000	508.965	33840.80	0.0090	P	1.2
7	☐	1000.000	995.052	67145.00	0.0176	P	2.0
8	☐			26.67	0.0000	P	33.6

$$y = 1.7665E-005 * x + 5.8147E-007$$

$$R = 0.9999$$

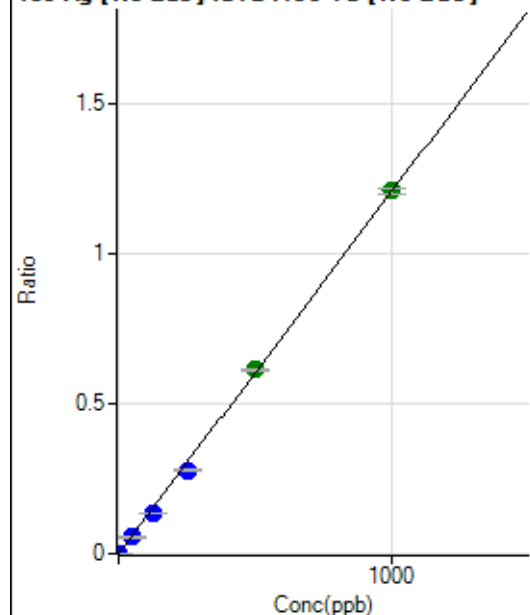
$$DL = 0.171$$

$$BEC = 0.03292$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	44.3
2	☐	1.000	1.041	4735.27	0.0013	P	5.3
3	☐	50.000	45.497	206795.30	0.0548	P	1.6
4	☐	125.000	113.187	508668.02	0.1364	P	1.6
5	☐	250.000	230.617	1046426.21	0.2780	P	1.7
6	☐	500.000	508.466	2306695.59	0.6129	A	0.6
7	☐	1000.000	1002.315	4614782.43	1.2081	A	1.3
8	☐			503.35	0.0001	P	12.3

$$y = 0.0012 * x + 8.1575E-006$$

$$R = 0.9997$$

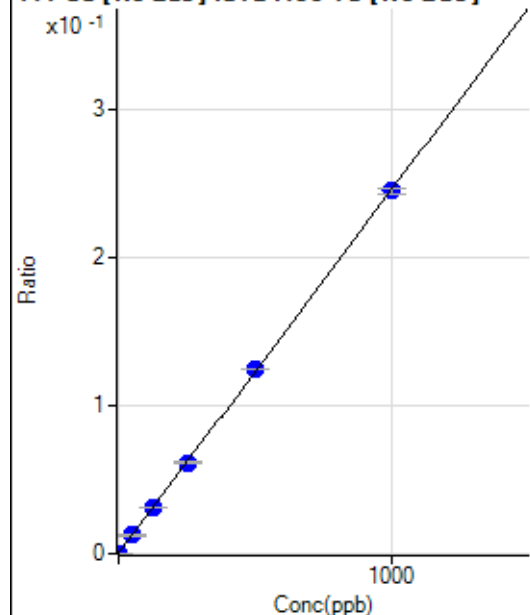
$$DL = 0.009005$$

$$BEC = 0.006768$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	820.04	0.0002	P	0.2
2	☐	1.000	1.092	1810.31	0.0005	P	3.5
3	☐	50.000	49.582	46685.50	0.0124	P	1.1
4	☐	125.000	125.094	115252.72	0.0309	P	1.1
5	☐	250.000	248.265	230159.51	0.0611	P	1.8
6	☐	500.000	506.558	468672.08	0.1245	P	0.4
7	☐	1000.000	997.164	935547.81	0.2449	P	1.9
8	☐			894.71	0.0002	P	1.4

$$y = 2.4540E-004 * x + 2.1512E-004$$

$$R = 1.0000$$

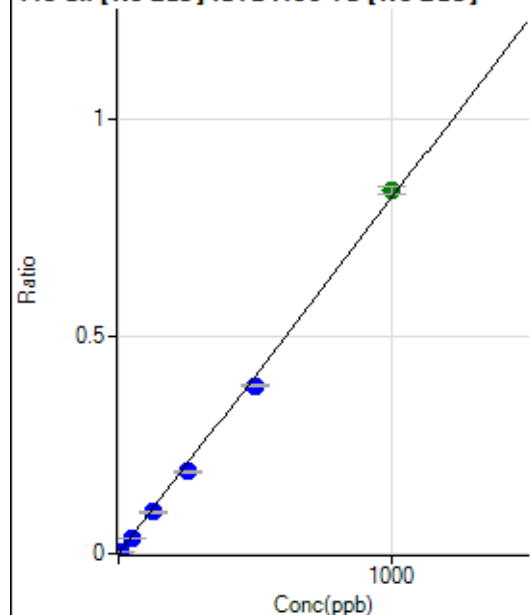
$$DL = 0.005671$$

$$BEC = 0.8766$$

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	715.58	0.0002	P	3.1
2	☐	5.000	4.808	15432.80	0.0041	P	1.5
3	☐	50.000	45.583	141182.25	0.0374	P	0.3
4	☐	125.000	116.171	354713.13	0.0951	P	0.7
5	☐	250.000	231.975	714432.53	0.1898	P	2.1
6	☐	500.000	471.344	1450642.10	0.3854	P	0.7
7	☐	1000.000	1020.159	3185548.29	0.8340	A	2.0
8	☐			1585.67	0.0004	P	2.7

$$y = 8.1733\text{E-}004 * x + 1.8771\text{E-}004$$

$$R = 0.9992$$

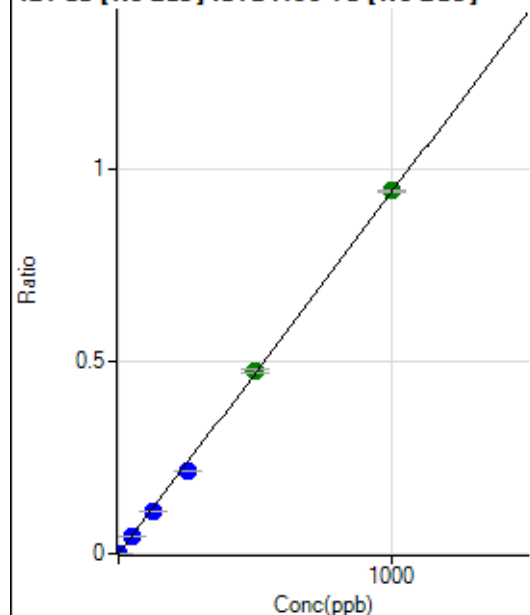
$$DL = 0.0213$$

$$BEC = 0.2297$$

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	25.56	0.0000	P	29.8
2	☐	2.000	1.971	6977.32	0.0019	P	3.0
3	☐	50.000	45.600	161850.29	0.0429	P	1.0
4	☐	125.000	116.000	407099.46	0.1092	P	0.4
5	☐	250.000	228.139	808395.86	0.2147	P	1.7
6	☐	500.000	505.280	1790026.29	0.4756	A	1.4
7	☐	1000.000	1004.170	3610532.58	0.9452	A	0.8
8	☐			1969.04	0.0005	P	4.3

$$y = 9.4125\text{E-}004 * x + 6.6993\text{E-}006$$

$$R = 0.9997$$

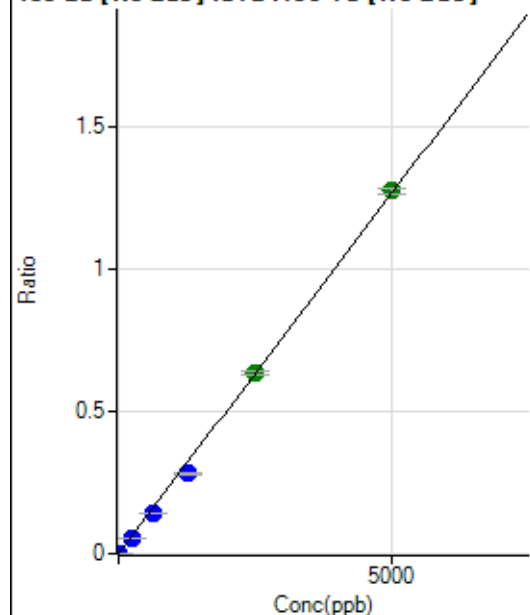
$$DL = 0.006368$$

$$BEC = 0.007118$$

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	21.11	0.0000	P	50.4
2	☐	10.000	9.394	8913.96	0.0024	P	3.0
3	☐	250.000	218.657	208272.49	0.0552	P	0.9
4	☐	625.000	554.454	522180.39	0.1401	P	1.5
5	☐	1250.000	1111.203	1056702.42	0.2807	P	1.7
6	☐	2500.000	2517.857	2393683.85	0.6360	A	1.9
7	☐	5000.000	5036.157	4859384.89	1.2722	A	1.6
8	☐			2062.40	0.0005	P	7.4

$$y = 2.5261\text{E-}004 * x + 5.5321\text{E-}006$$

$$R = 0.9995$$

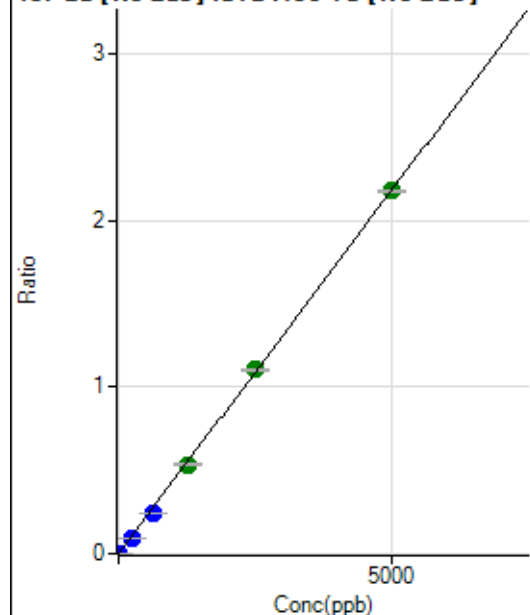
$$DL = 0.03315$$

$$BEC = 0.0219$$

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	34.44	0.0000	P	50.0
2	☐	10.000	9.370	15348.39	0.0041	P	1.2
3	☐	250.000	220.461	362502.31	0.0961	P	0.6
4	☐	625.000	558.362	907800.87	0.2435	P	1.5
5	☐	1250.000	1230.399	2019567.57	0.5365	A	3.2
6	☐	2500.000	2538.175	4165616.05	1.1068	A	0.8
7	☐	5000.000	4995.621	8321245.78	2.1784	A	0.6
8	☐			3671.62	0.0010	P	2.0

$$y = 4.3607\text{E-}004 * x + 9.0457\text{E-}006$$

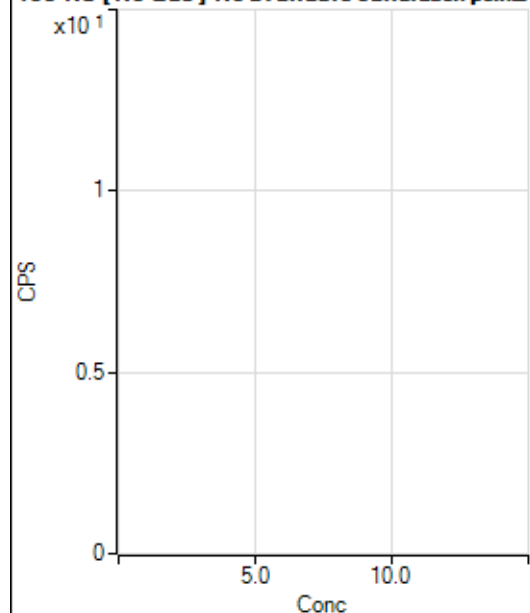
$$R = 0.9999$$

$$DL = 0.03114$$

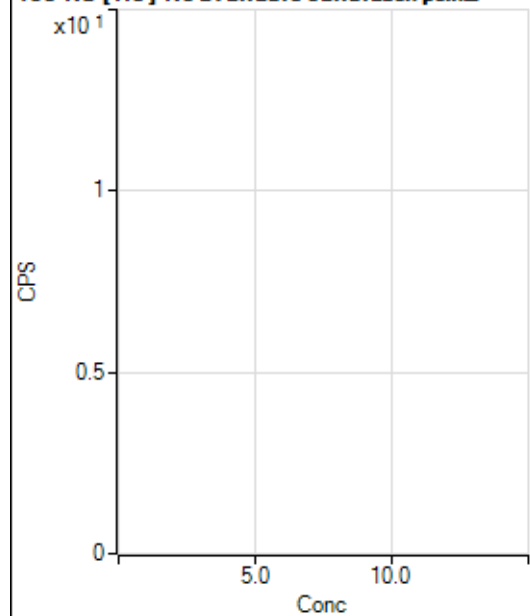
$$BEC = 0.02074$$

Weight: <None>

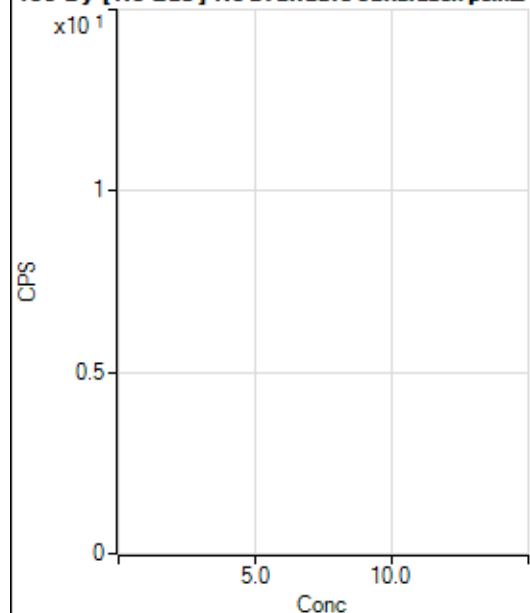
Min Conc: 0

150 Nd [No Gas] No available calibration points

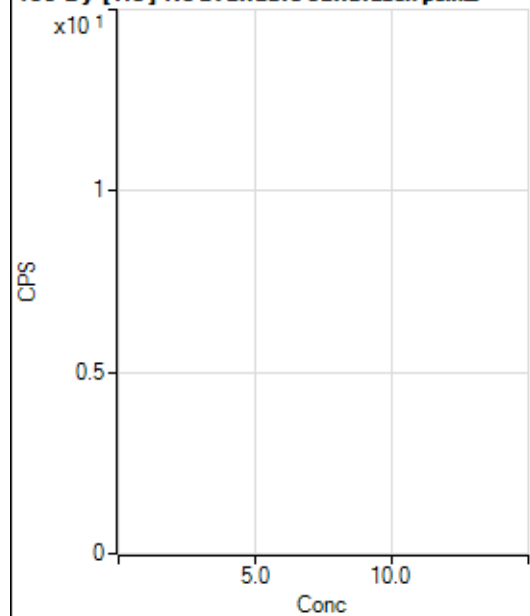
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			3.33		P	100.
3	☐			17.78		P	28.6
4	☐			33.33		P	26.5
5	☐			43.34		P	13.3
6	☐			121.11		P	15.2
7	☐			211.11		P	6.6
8	☐			86.67		P	0.0

150 Nd [He] No available calibration points

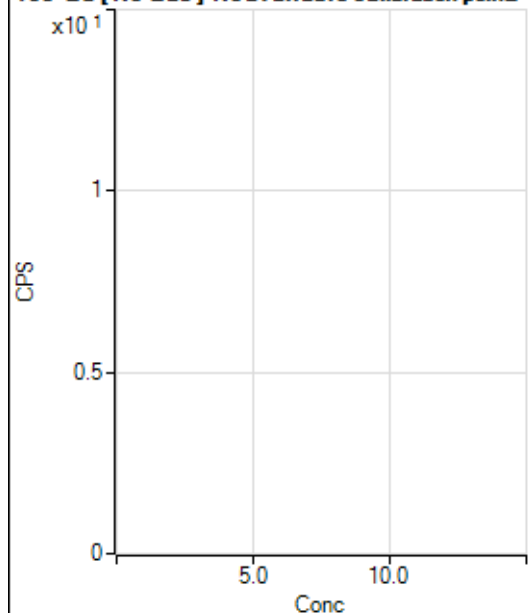
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			12.22		P	56.8
5	☐			20.00		P	57.7
6	☐			25.56		P	66.9
7	☐			56.67		P	31.1
8	☐			60.00		P	30.9

156 Dy [No Gas] No available calibration points

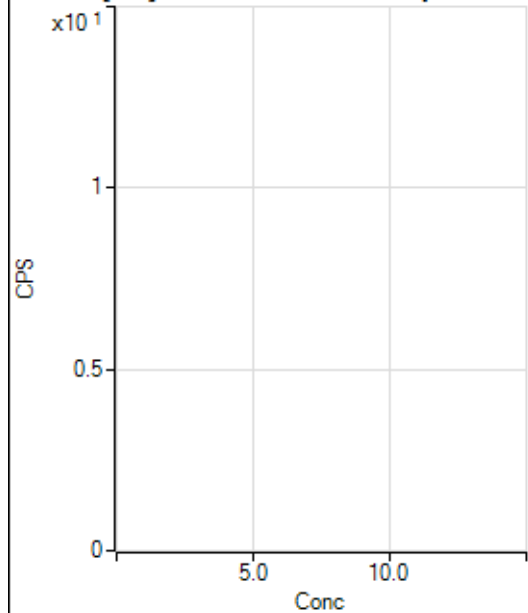
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	100.
3	☐			7.78		P	65.5
4	☐			18.89		P	56.7
5	☐			22.22		P	8.7
6	☐			58.89		P	11.8
7	☐			77.78		P	27.9
8	☐			178.89		P	14.2

156 Dy [He] No available calibration points

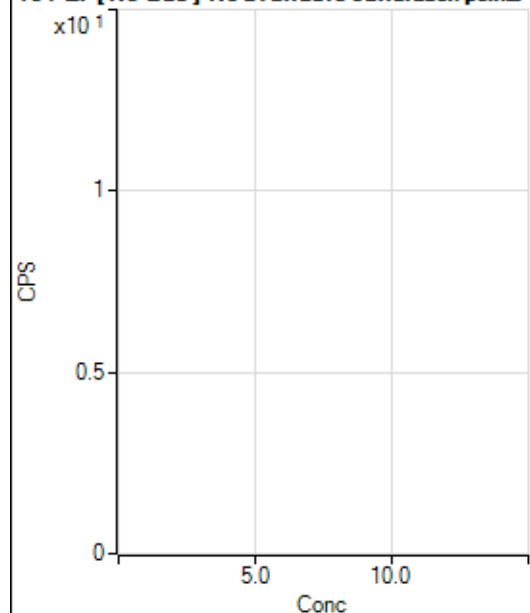
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	114.
3	☐			21.11		P	32.9
4	☐			50.00		P	6.7
5	☐			73.33		P	12.0
6	☐			165.56		P	13.1
7	☐			297.78		P	3.4
8	☐			150.00		P	8.0

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

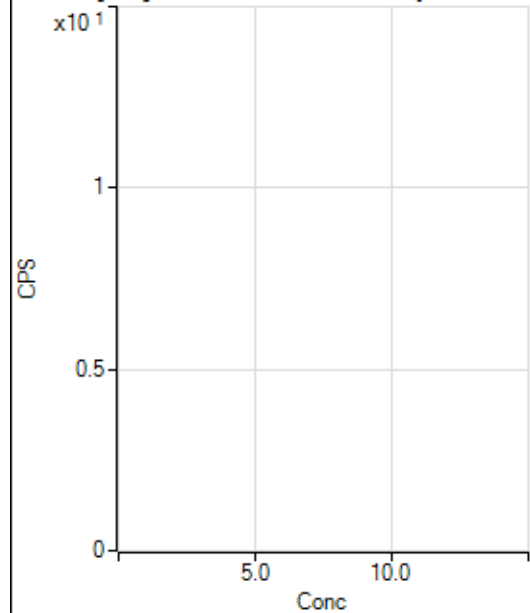
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	43.3
2	☐			13.33		P	50.0
3	☐			13.33		P	25.0
4	☐			27.78		P	6.9
5	☐			27.78		P	27.7
6	☐			52.22		P	14.7
7	☐			75.56		P	12.7
8	☐			203.34		P	18.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			197.78		P	16.5
2	☐			184.45		P	22.7
3	☐			184.45		P	3.8
4	☐			171.11		P	18.7
5	☐			190.00		P	10.7
6	☐			180.00		P	24.1
7	☐			197.78		P	12.0
8	☐			263.34		P	8.3

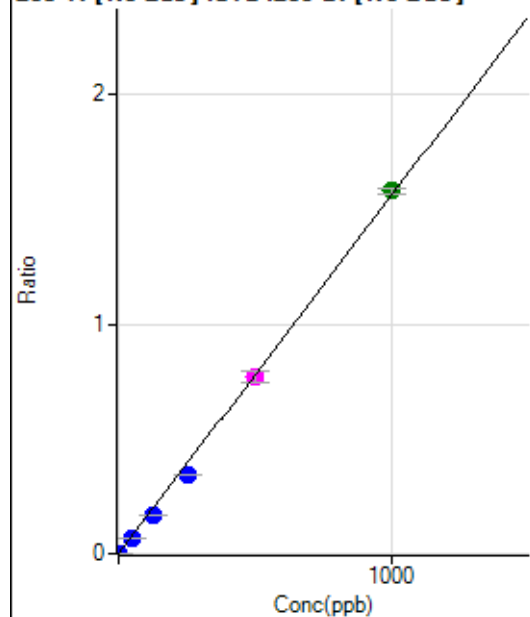
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	39.2
2	☐			30.00		P	50.9
3	☐			32.22		P	33.3
4	☐			34.44		P	29.6
5	☐			44.45		P	43.9
6	☐			56.67		P	25.6
7	☐			120.00		P	26.8
8	☐			392.23		P	8.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	53.9
2	☐			27.78		P	36.7
3	☐			17.78		P	28.6
4	☐			23.33		P	14.3
5	☐			35.56		P	28.6
6	☐			38.89		P	34.6
7	☐			85.56		P	14.7
8	☐			280.01		P	9.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	4.4
2	☐	1.000	0.958	3481.60	0.0015	P	4.7
3	☐	50.000	43.573	155350.37	0.0680	P	1.2
4	☐	125.000	108.837	391050.71	0.1699	P	1.4
5	☐	250.000	221.678	796017.76	0.3460	P	0.7
6	☐	500.000	493.233	1774379.52	0.7699	M	5.7
7	☐	1000.000	1012.805	3672101.30	1.5810	A	1.9
8	☐			304.45	0.0001	P	10.6

$$y = 0.0016 * x + 1.9162E-005$$

$$R = 0.9995$$

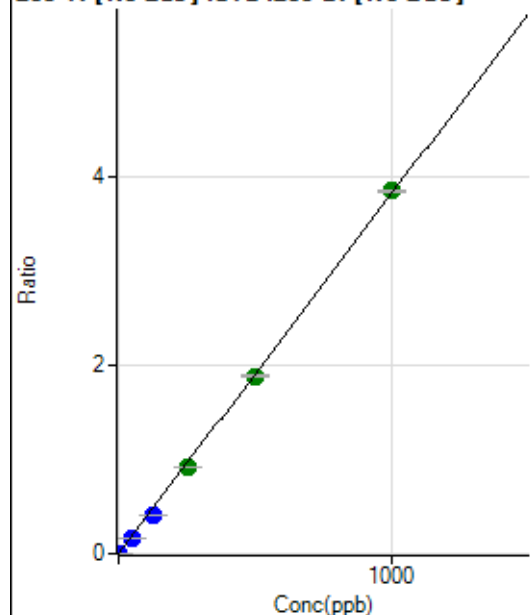
$$DL = 0.001632$$

$$BEC = 0.01228$$

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	56.67	0.0000	P	30.1
2	☐	1.000	0.938	8289.29	0.0036	P	2.8
3	☐	50.000	42.871	373794.23	0.1637	P	1.7
4	☐	125.000	105.842	930123.84	0.4041	P	0.3
5	☐	250.000	241.097	2117425.24	0.9205	A	0.3
6	☐	500.000	493.200	4339766.50	1.8830	A	1.1
7	☐	1000.000	1008.377	8942986.12	3.8499	A	0.6
8	☐			730.02	0.0003	P	4.7

$$y = 0.0038 * x + 2.4470E-005$$

$$R = 0.9998$$

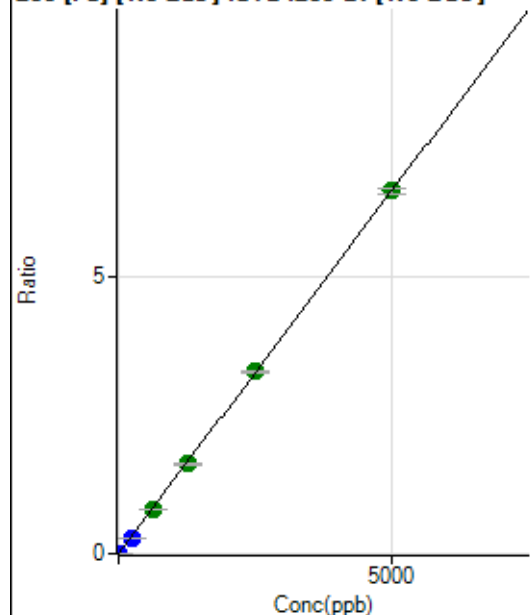
$$DL = 0.005794$$

$$BEC = 0.006409$$

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	241.12	0.0001	P	7.3
2	☐	1.000	0.768	2545.82	0.0011	P	4.0
3	☐	250.000	220.308	657760.94	0.2881	P	1.2
4	☐	625.000	605.095	1820493.20	0.7910	A	0.9
5	☐	1250.000	1234.678	3712657.62	1.6139	A	2.0
6	☐	2500.000	2507.924	7555223.92	3.2782	A	0.8
7	☐	5000.000	5003.842	15193231.02	6.5406	A	1.8
8	☐			9952.63	0.0046	P	4.4

$$y = 0.0013 * x + 1.0397E-004$$

$$R = 1.0000$$

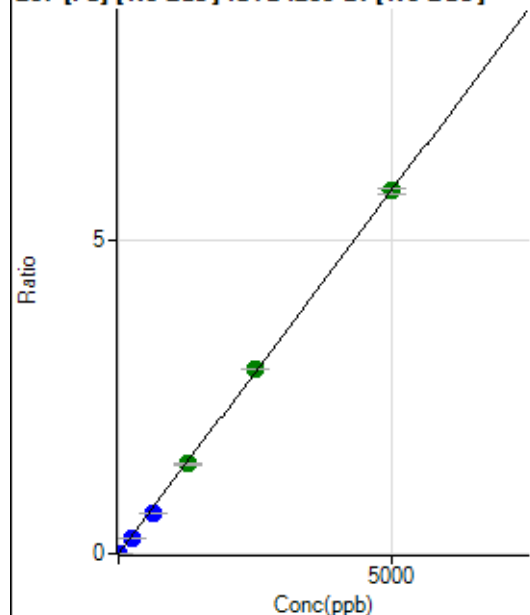
$$DL = 0.01743$$

$$BEC = 0.07955$$

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	246.67	0.0001	P	12.9
2	☐	1.000	0.768	2294.66	0.0010	P	1.5
3	☐	250.000	218.632	580139.54	0.2541	P	1.5
4	☐	625.000	547.597	1464203.52	0.6362	P	0.9
5	☐	1250.000	1238.975	3310843.00	1.4393	A	1.8
6	☐	2500.000	2534.095	6784496.78	2.9438	A	0.3
7	☐	5000.000	4996.953	13483313.55	5.8047	A	1.2
8	☐			8868.52	0.0041	P	3.3

$$y = 0.0012 * x + 1.0635E-004$$

$$R = 0.9998$$

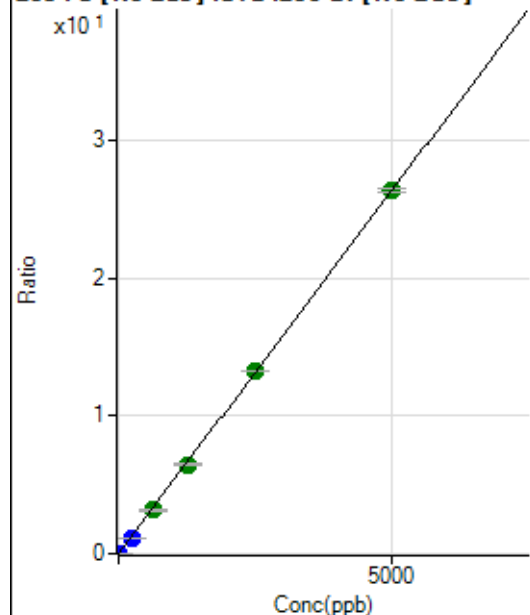
$$DL = 0.03544$$

$$BEC = 0.09156$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1066.70	0.0005	P	4.0
2	☐	1.000	0.763	10298.30	0.0045	P	1.0
3	☐	250.000	220.308	2650356.85	1.1607	P	1.2
4	☐	625.000	598.352	7253425.65	3.1517	A	0.9
5	☐	1250.000	1231.029	14914320.37	6.4837	A	0.4
6	☐	2500.000	2517.713	30560238.09	13.2601	A	0.4
7	☐	5000.000	5000.702	61178031.31	26.3368	A	1.2
8	☐			40933.75	0.0190	P	2.8

$$y = 0.0053 * x + 4.5997E-004$$

$$R = 1.0000$$

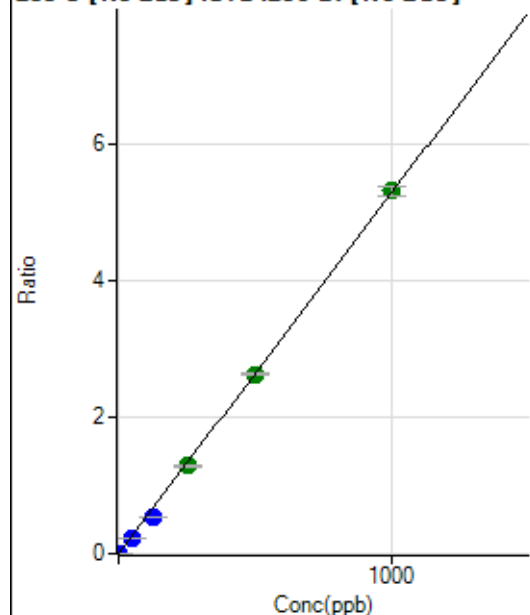
$$DL = 0.01052$$

$$BEC = 0.08734$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.0
2	☐	1.000	0.879	10687.71	0.0047	P	0.7
3	☐	50.000	41.404	499623.48	0.2188	P	2.2
4	☐	125.000	102.196	1242997.55	0.5401	P	1.6
5	☐	250.000	242.784	2951512.94	1.2831	A	1.3
6	☐	500.000	498.370	6070092.69	2.6339	A	1.2
7	☐	1000.000	1005.900	12348728.85	5.3161	A	2.6
8	☐			378.90	0.0002	P	13.5

$$y = 0.0053 * x + 5.2591E-006$$

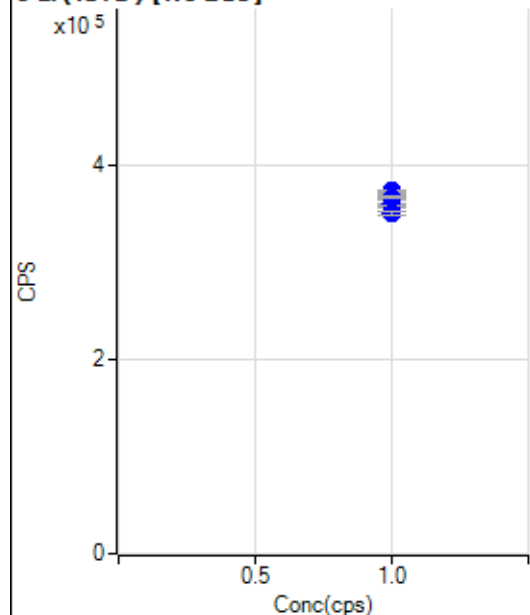
$$R = 0.9998$$

$$DL = 0.001225$$

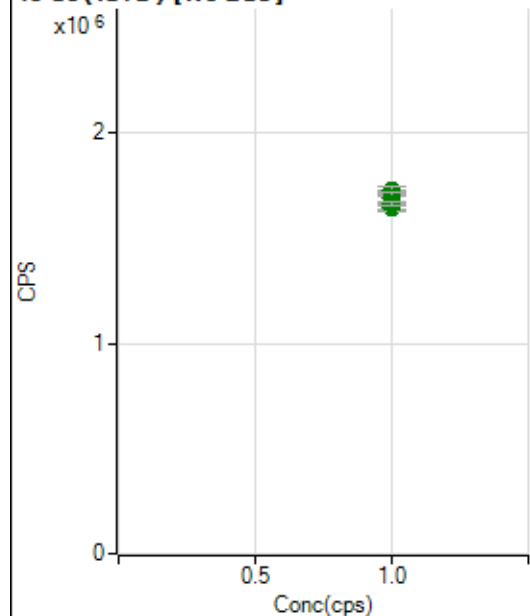
$$BEC = 0.0009951$$

Weight: <None>

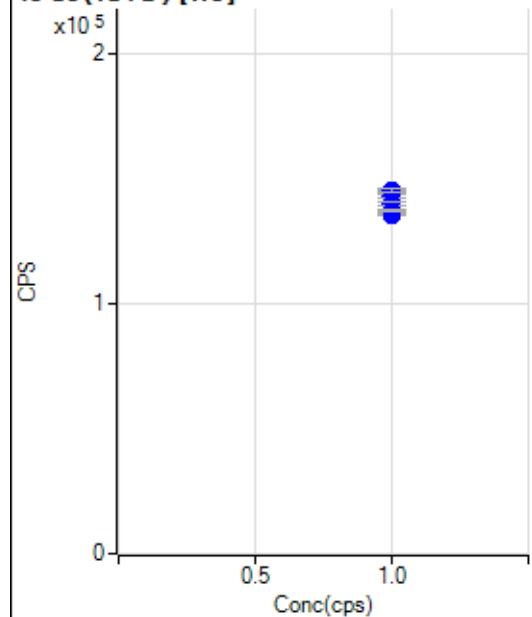
Min Conc: 0

6 Li (ISTD) [No Gas]

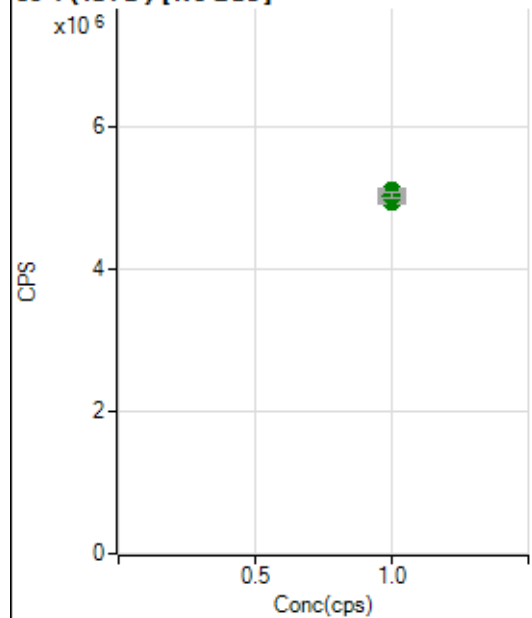
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		364503.50		P	0.4
2	☐	1.000		358472.96		P	1.0
3	☐	1.000		367036.90		P	1.0
4	☐	1.000		360715.46		P	1.7
5	☐	1.000		370465.91		P	0.6
6	☐	1.000		373126.78		P	0.6
7	☐	1.000		366524.16		P	0.2
8	☐	1.000		350371.46		P	1.3

45 Sc (ISTD) [No Gas]

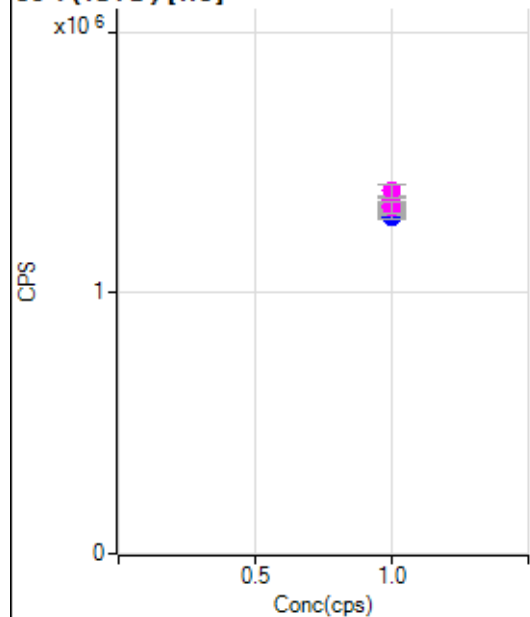
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1716871.40		A	1.1
2	☐	1.000		1703108.52		A	0.5
3	☐	1.000		1724354.73		A	2.2
4	☐	1.000		1692915.39		A	2.5
5	☐	1.000		1666486.83		A	0.5
6	☐	1.000		1645921.05		A	0.7
7	☐	1.000		1650446.17		A	2.7
8	☐	1.000		1663111.41		A	1.6

45 Sc (ISTD) [He]

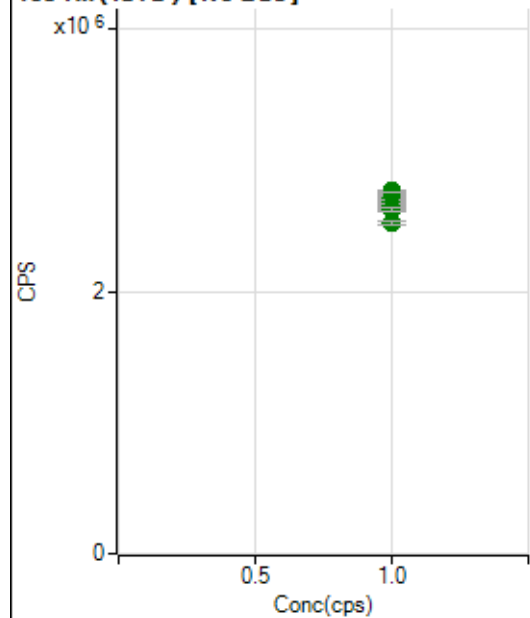
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		145164.00		P	1.1
2	☐	1.000		143033.17		P	1.1
3	☐	1.000		143250.92		P	0.9
4	☐	1.000		140266.87		P	0.7
5	☐	1.000		137165.21		P	0.6
6	☐	1.000		135678.44		P	0.3
7	☐	1.000		137413.03		P	0.5
8	☐	1.000		145407.10		P	0.9

89 Y (ISTD) [No Gas]

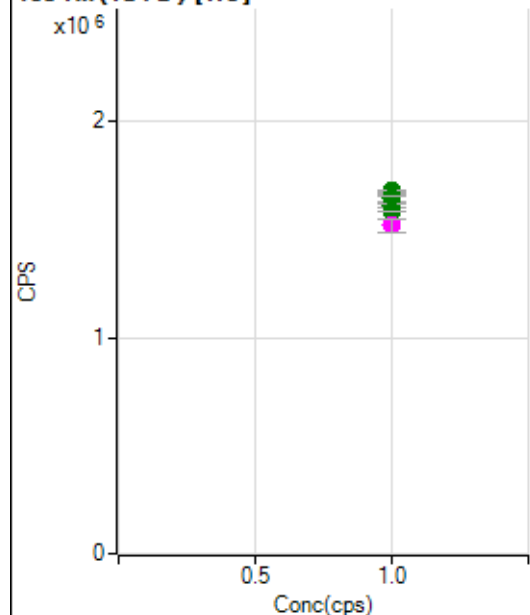
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5096086.69		A	1.0
2	☐	1.000		4997747.50		A	1.4
3	☐	1.000		5060542.81		A	1.5
4	☐	1.000		5006594.09		A	1.6
5	☐	1.000		5002371.87		A	0.3
6	☐	1.000		4942445.80		A	0.6
7	☐	1.000		5011859.61		A	1.0
8	☐	1.000		5035236.66		A	1.6

89 Y(ISTD) [He]

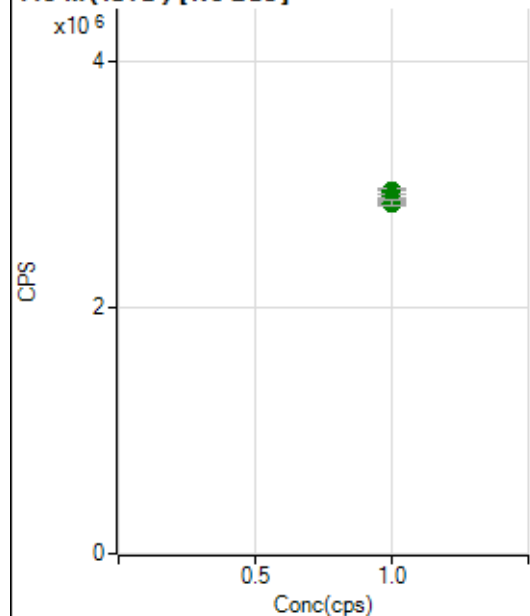
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1325070.61		P	0.9
2	☐	1.000		1352765.59		M	2.3
3	☐	1.000		1331736.44		P	1.0
4	☐	1.000		1331260.53		M	3.0
5	☐	1.000		1294064.05		P	0.5
6	☐	1.000		1291279.72		P	1.0
7	☐	1.000		1327288.06		M	3.5
8	☐	1.000		1390379.04		M	3.6

103 Rh(ISTD) [No Gas]

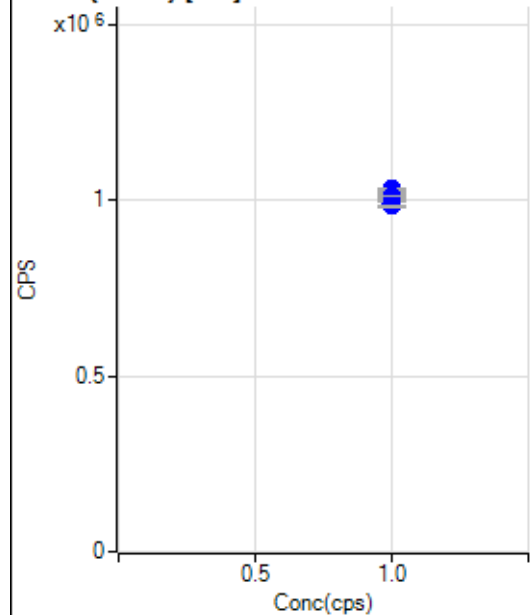
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2769080.52		A	0.7
2	☐	1.000		2739096.10		A	0.9
3	☐	1.000		2707772.42		A	0.9
4	☐	1.000		2720802.51		A	2.6
5	☐	1.000		2678940.17		A	1.5
6	☐	1.000		2649511.36		A	1.4
7	☐	1.000		2628373.33		A	1.3
8	☐	1.000		2524339.48		A	1.0

103 Rh (ISTD) [He]

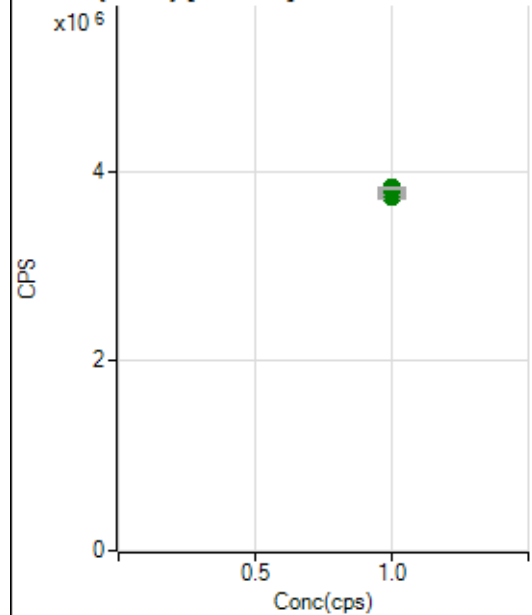
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1679849.01		A	0.5
2	☐	1.000		1668976.61		A	1.5
3	☐	1.000		1649830.76		A	2.3
4	☐	1.000		1645334.97		A	1.6
5	☐	1.000		1613616.28		A	1.5
6	☐	1.000		1609514.64		A	1.4
7	☐	1.000		1581754.56		A	0.0
8	☐	1.000		1521298.42		M	4.1

115 In (ISTD) [No Gas]

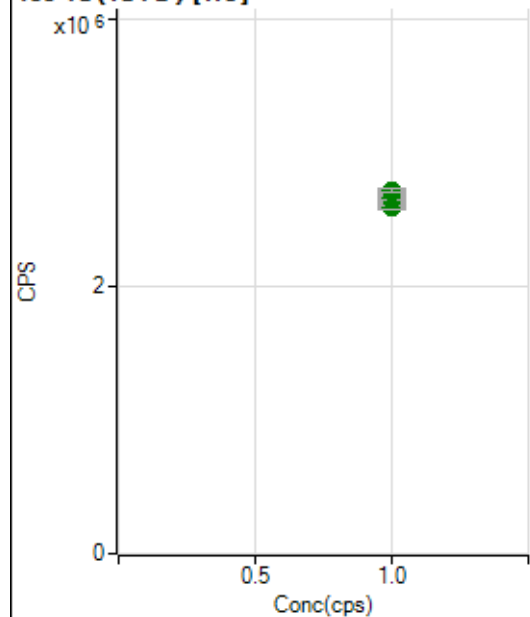
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2934261.80		A	0.9
2	☐	1.000		2922732.40		A	2.0
3	☐	1.000		2943828.56		A	1.3
4	☐	1.000		2901377.69		A	1.6
5	☐	1.000		2869247.52		A	0.1
6	☐	1.000		2867685.08		A	1.5
7	☐	1.000		2844995.64		A	1.1
8	☐	1.000		2844060.29		A	1.6

115 In (ISTD) [He]

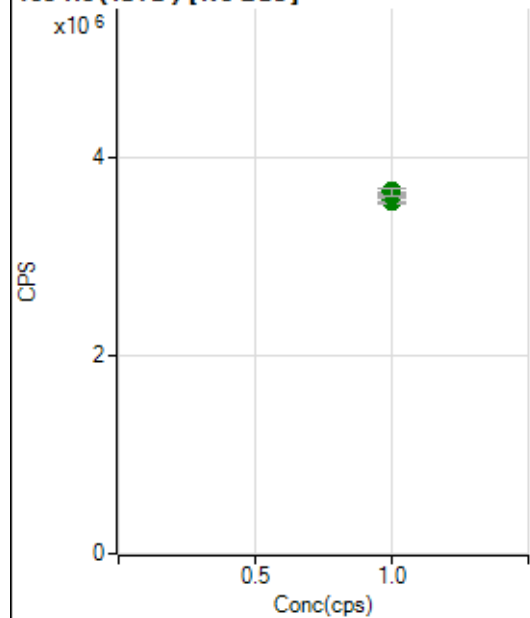
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1025558.63		P	0.5
2	☐	1.000		1031123.43		P	0.6
3	☐	1.000		1028949.58		P	0.8
4	☐	1.000		1012603.00		P	0.8
5	☐	1.000		1002857.47		P	0.3
6	☐	1.000		988015.33		P	0.9
7	☐	1.000		981327.89		P	0.7
8	☐	1.000		1011281.31		P	0.4

159 Tb (ISTD) [No Gas]

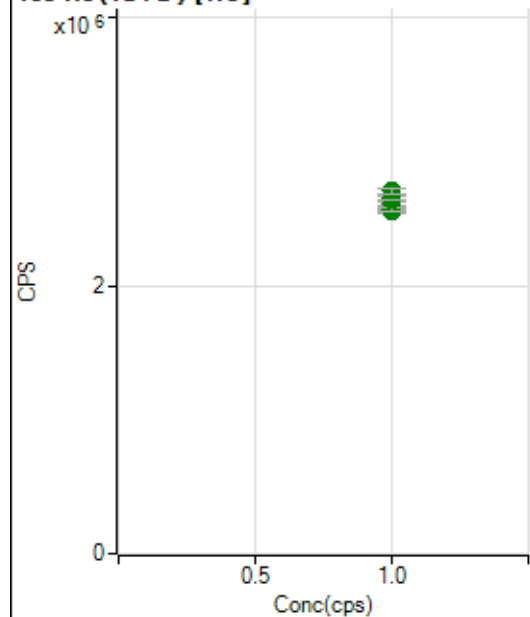
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3811956.26		A	0.4
2	☐	1.000		3748283.52		A	0.7
3	☐	1.000		3770434.01		A	0.7
4	☐	1.000		3728354.80		A	0.6
5	☐	1.000		3764994.98		A	1.2
6	☐	1.000		3763699.36		A	0.5
7	☐	1.000		3819924.00		A	0.8
8	☐	1.000		3824392.93		A	0.8

159 Tb (ISTD) [He]

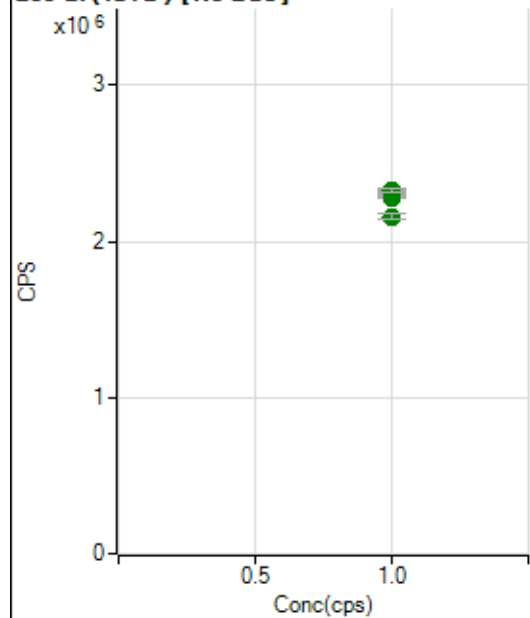
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2599384.48		A	1.1
2	☐	1.000		2632103.49		A	2.5
3	☐	1.000		2654015.86		A	2.1
4	☐	1.000		2591344.91		A	1.4
5	☐	1.000		2653052.41		A	0.2
6	☐	1.000		2667580.10		A	1.3
7	☐	1.000		2704232.20		A	1.1
8	☐	1.000		2713658.29		A	0.9

165 Ho (ISTD) [No Gas]

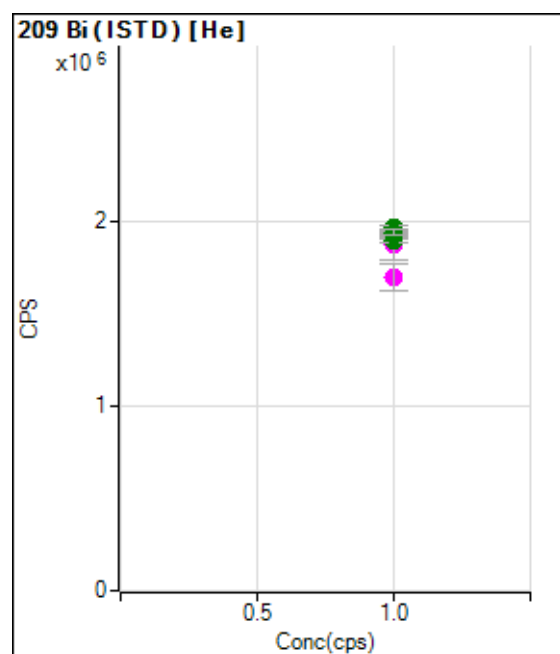
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3607812.48		A	1.0
2	☐	1.000		3566140.81		A	1.9
3	☐	1.000		3549841.89		A	0.5
4	☐	1.000		3605111.85		A	0.7
5	☐	1.000		3628184.46		A	1.5
6	☐	1.000		3603319.94		A	0.7
7	☐	1.000		3661525.71		A	1.3
8	☐	1.000		3649020.33		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2547778.99		A	0.8
2	☐	1.000		2553844.63		A	1.1
3	☐	1.000		2605345.20		A	2.2
4	☐	1.000		2582385.06		A	0.8
5	☐	1.000		2570162.58		A	1.2
6	☐	1.000		2647075.50		A	1.2
7	☐	1.000		2661023.15		A	1.8
8	☐	1.000		2707422.51		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2319417.69		A	0.8
2	☐	1.000		2298449.48		A	1.4
3	☐	1.000		2283518.89		A	0.8
4	☐	1.000		2301548.20		A	0.9
5	☐	1.000		2300258.26		A	0.4
6	☐	1.000		2304676.91		A	0.2
7	☐	1.000		2322885.94		A	1.0
8	☐	1.000		2159935.12		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1967813.89		A	1.3
2	☐	1.000		1873791.66		M	8.2
3	☐	1.000		1942318.56		A	1.7
4	☐	1.000		1897882.40		A	0.6
5	☐	1.000		1927980.75		A	0.8
6	☐	1.000		1933441.71		A	1.3
7	☐	1.000		1945059.03		A	1.5
8	☐	1.000		1698514.19		M	8.2