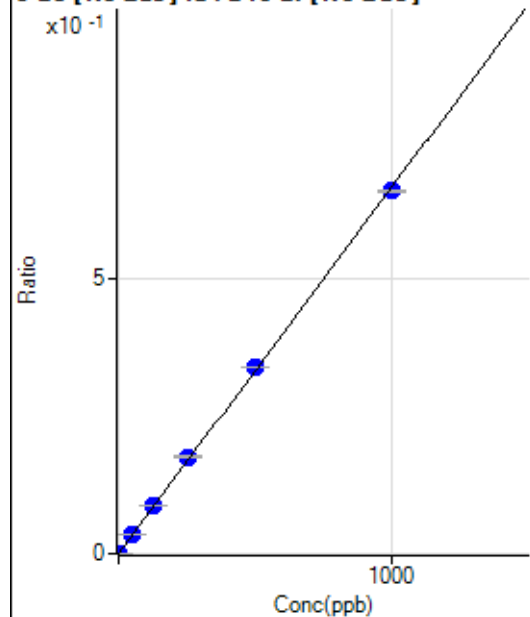


Calibration for 038CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110723-MS2.b\
 Analysis File: P7110723-MS2.batch.bin
 DA Date-Time: 2023-11-27 16:08:17
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	035CALB.d	S00	2023-11-27 14:39:43
2	038CALS.d	S02	2023-11-27 14:49:41
3	040CALS.d	S03	2023-11-27 14:56:21
4	041CALS.d	S04	2023-11-27 14:59:41
5	042CALS.d	S05	2023-11-27 15:02:51
6	043CALS.d	S06	2023-11-27 15:05:57
7	044CALS.d	S07	2023-11-27 15:08:53
8	045CALS.d	S08	2023-11-27 15:11:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0001	P	11.8
2	☐	1.000	0.991	537.79	0.0007	P	2.9
3	☐	50.000	52.887	26896.66	0.0353	P	1.4
4	☐	125.000	130.196	64785.30	0.0868	P	1.6
5	☐	250.000	263.601	127045.51	0.1757	P	2.3
6	☐	500.000	509.510	242653.20	0.3396	P	0.3
7	☐	1000.000	991.051	463150.36	0.6605	P	0.7
8	☐			407.79	0.0006	P	11.2

$$y = 6.6635E-004 * x + 6.4898E-005$$

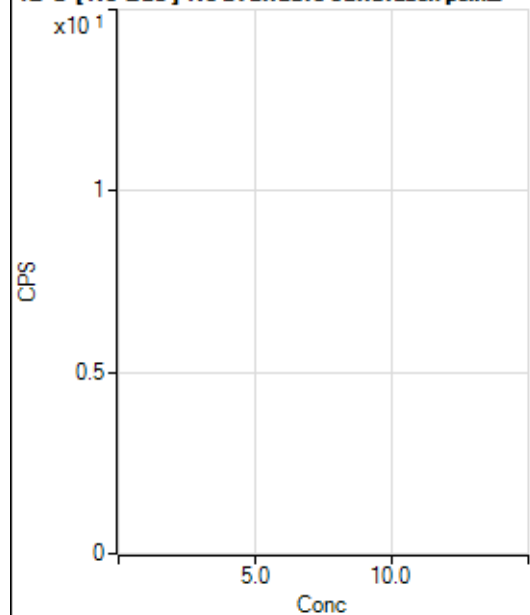
$$R = 0.9998$$

$$DL = 0.03444$$

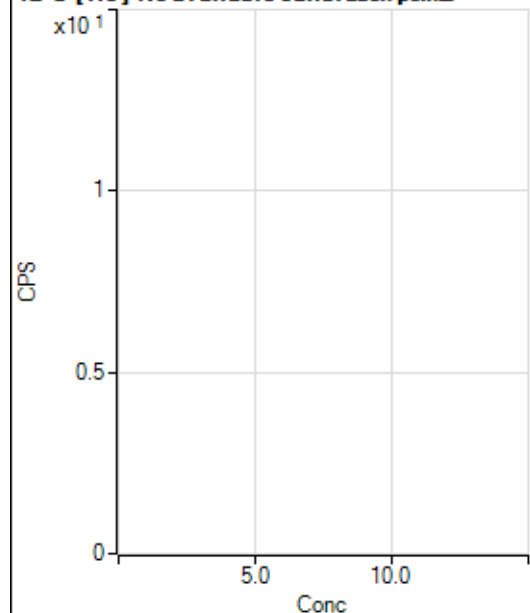
$$BEC = 0.09739$$

Weight: <None>

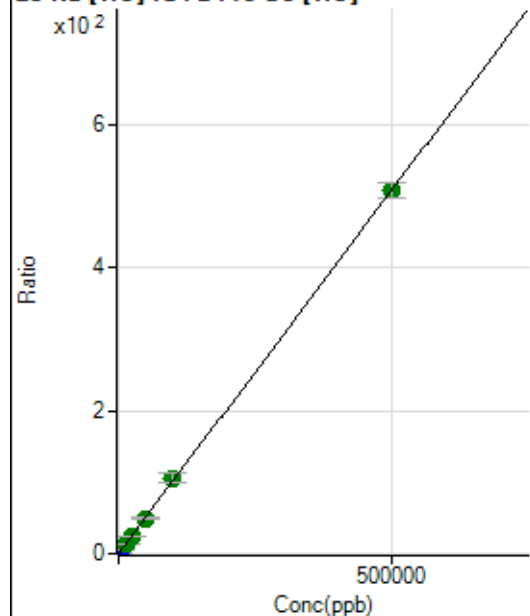
Min Conc: 0

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	4774.11	0.0413	P	10.8
2	☐	500.000	478.477	56904.55	0.5280	P	4.0
3	☐	5000.000	5155.500	596711.48	5.2855	P	0.7
4	☐	12500.000	12153.715	1378376.16	12.4041	A	1.1
5	☐	25000.000	24379.143	2676460.45	24.8398	A	0.5
6	☐	50000.000	48785.407	5243877.49	49.6659	A	1.6
7	☐	100000.00	103397.07	10073754.50	105.2169	A	13.0
8	☐	500000.00	499480.21	48761255.38	508.1132	A	4.3

$$y = 0.0010 * x + 0.0413$$

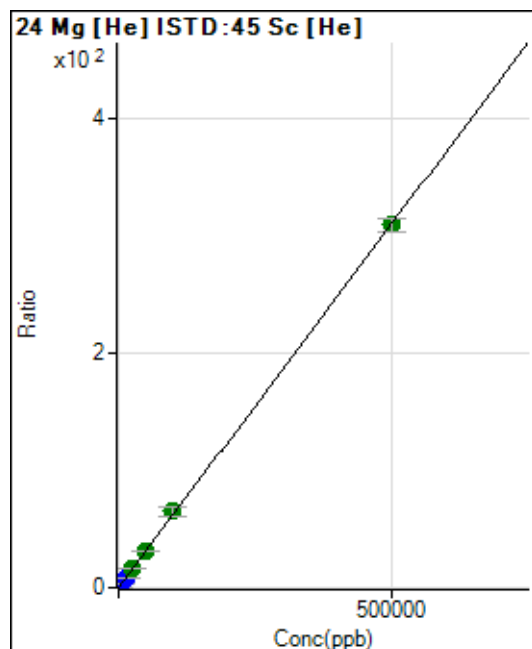
$$R = 1.0000$$

$$DL = 13.12$$

$$BEC = 40.58$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.12	0.0036	P	10.0
2	☐	500.000	501.056	33902.93	0.3147	P	5.6
3	☐	5000.000	5298.800	371860.19	3.2938	P	0.2
4	☐	12500.000	13147.702	907456.71	8.1674	P	1.8
5	☐	25000.000	25192.125	1685894.87	15.6462	A	0.5
6	☐	50000.000	50165.377	3289191.83	31.1530	A	2.0
7	☐	100000.00	105419.21	6269290.25	65.4621	A	12.6
8	☐	500000.00	498870.83	29730745.11	309.7703	A	3.9

$$y = 6.2094\text{E-}004 * x + 0.0036$$

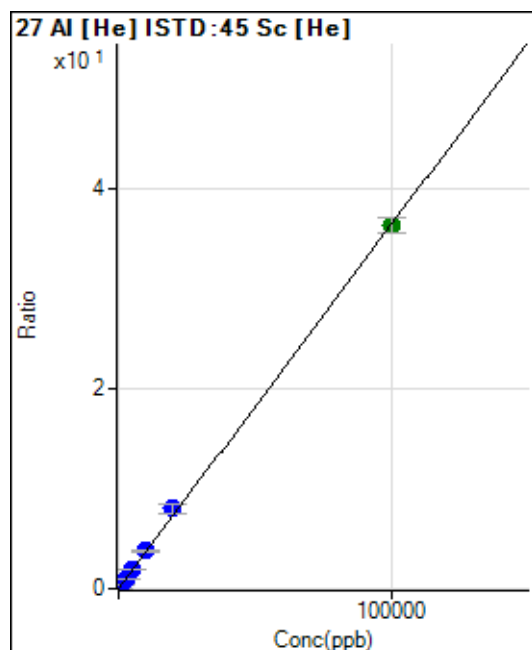
$$R = 0.9999$$

$$DL = 1.717$$

$$BEC = 5.72$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0003	P	17.2
2	☐	20.000	20.455	830.03	0.0077	P	11.4
3	☐	1000.000	1053.502	43343.18	0.3839	P	1.6
4	☐	2500.000	2609.900	105636.61	0.9508	P	1.8
5	☐	5000.000	5242.014	205733.78	1.9094	P	0.3
6	☐	10000.000	10289.894	395695.49	3.7478	P	1.4
7	☐	20000.000	21966.495	766242.05	8.0003	P	12.5
8	☐	100000.00	99562.328	3479789.32	36.2601	A	4.4

$$y = 3.6419\text{E-}004 * x + 2.6590\text{E-}004$$

$$R = 0.9998$$

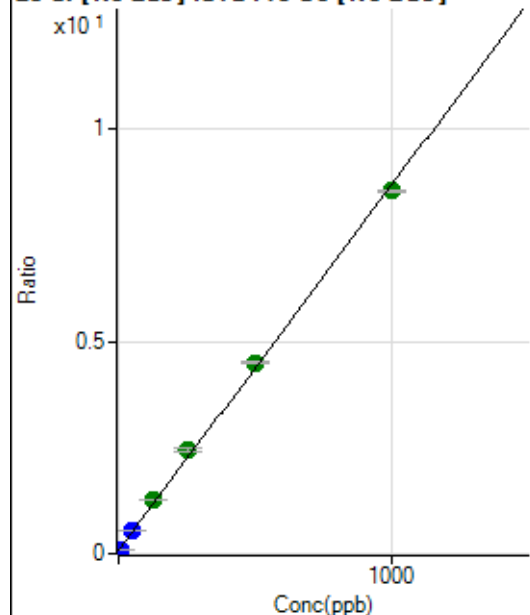
$$DL = 0.3761$$

$$BEC = 0.7301$$

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	127597.81	0.0749	P	4.6
2	☐	10.000	0.283	134346.58	0.0773	P	5.8
3	☐	50.000	56.253	999636.43	0.5592	P	0.9
4	☐	125.000	138.450	2204335.07	1.2670	A	1.0
5	☐	250.000	276.479	4156024.28	2.4555	A	3.6
6	☐	500.000	514.091	7633254.19	4.5014	A	0.8
7	☐	1000.000	984.438	14457229.37	8.5513	A	0.7
8	☐			157982.47	0.0994	P	2.3

$$y = 0.0086 * x + 0.0749$$

$$R = 0.9993$$

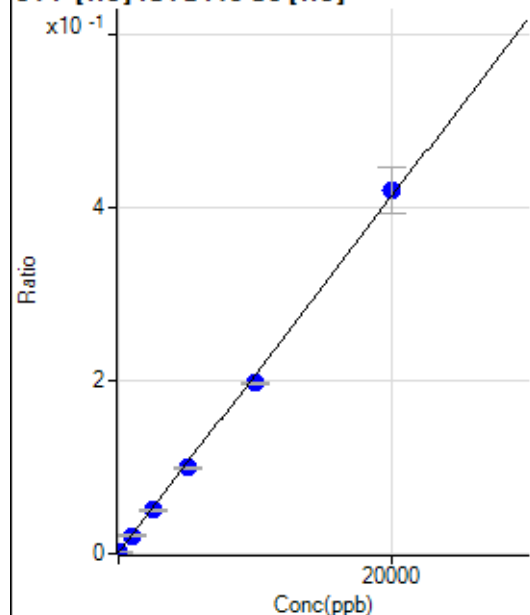
$$DL = 1.2$$

$$BEC = 8.696$$

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	-21.506	86.67	0.0007	P	20.3
2	☐	0.000	21.506	174.45	0.0016	P	15.1
3	☐	1000.000	956.051	2353.54	0.0208	P	3.6
4	☐	2500.000	2374.321	5556.62	0.0500	P	4.0
5	☐	5000.000	4773.575	10707.16	0.0994	P	2.6
6	☐	10000.000	9512.348	20785.31	0.1969	P	1.5
7	☐	20000.000	20318.340	40135.88	0.4192	P	12.9
8	☐			104.45	0.0011	P	20.3

$$y = 2.0573E-005 * x + 0.0012$$

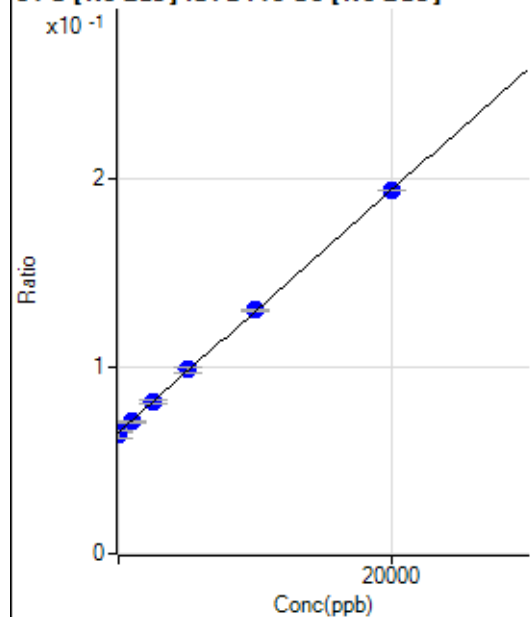
$$R = 0.9995$$

$$DL = 28.61$$

$$BEC = 57.03$$

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	152.842	112155.28	0.0658	P	4.4
2	☐	0.000	-152.842	110932.19	0.0638	P	5.4
3	☐	1000.000	904.997	126333.35	0.0707	P	1.6
4	☐	2500.000	2537.434	141343.10	0.0812	P	1.6
5	☐	5000.000	5136.093	166016.02	0.0981	P	2.6
6	☐	10000.000	10111.538	220913.03	0.1303	P	0.8
7	☐	20000.000	19910.279	327485.35	0.1937	P	0.2
8	☐			98839.06	0.0622	P	1.5

$$y = 6.4733\text{E-}006 * x + 0.0648$$

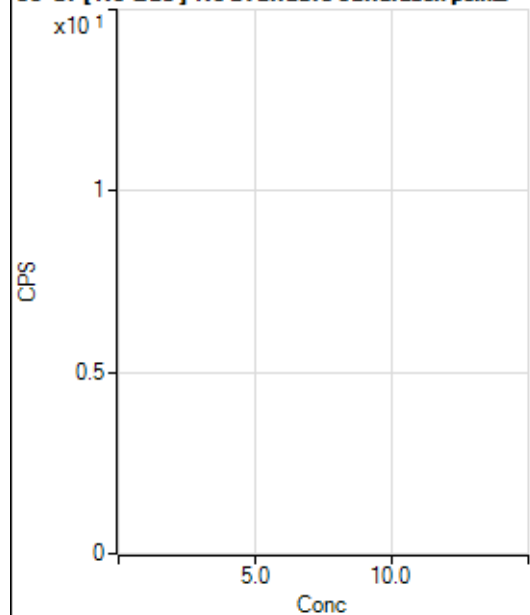
$$R = 0.9999$$

$$DL = 1464$$

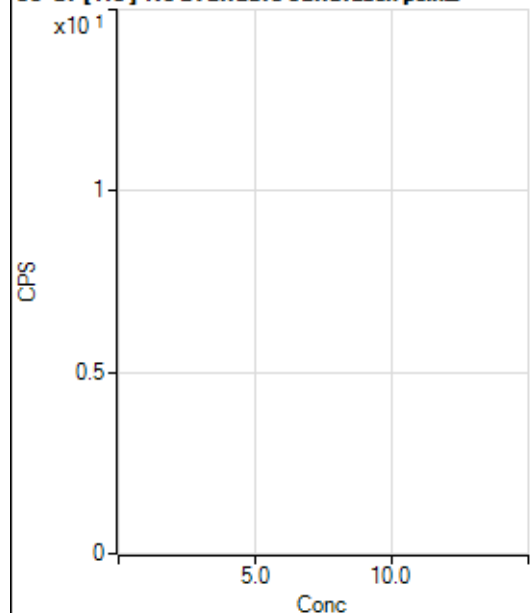
$$BEC = 1.001\text{E}+04$$

Weight: <None>

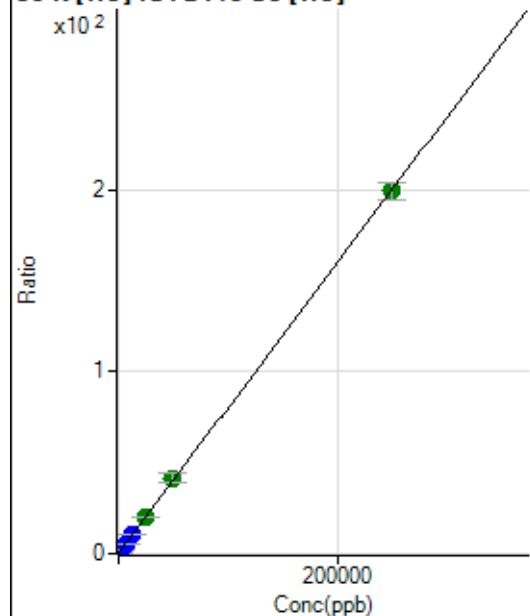
Min Conc: 0

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	22435.51	0.1943	P	12.1
2	☐	500.000	499.342	63819.56	0.5922	P	4.6
3	☐	2500.000	2648.058	260202.75	2.3047	P	0.1
4	☐	6250.000	6563.576	602801.49	5.4253	P	1.6
5	☐	12500.000	13139.097	1149235.76	10.6659	P	0.6
6	☐	25000.000	24698.645	2098792.45	19.8787	A	1.4
7	☐	50000.000	51731.701	3966588.28	41.4235	A	12.8
8	☐	250000.00	249642.52	19108287.36	199.1549	A	4.9

$$y = 7.9698\text{E-}004 * x + 0.1943$$

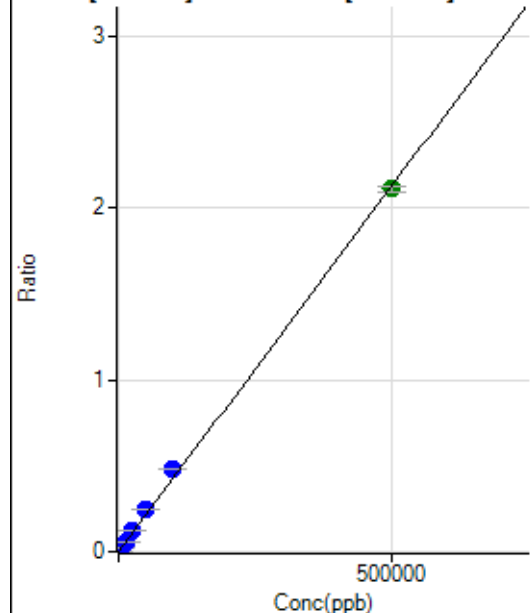
$$R = 1.0000$$

$$DL = 88.79$$

$$BEC = 243.8$$

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	274.45	0.0002	P	19.7
2	☐	500.000	465.638	3708.27	0.0021	P	11.3
3	☐	5000.000	5726.903	43759.59	0.0245	P	0.7
4	☐	12500.000	14380.800	106530.30	0.0612	P	0.7
5	☐	25000.000	29329.343	211079.66	0.1247	P	3.4
6	☐	50000.000	57140.144	411741.51	0.2428	P	0.4
7	☐	100000.00	112352.60	806867.13	0.4773	P	0.8
8	☐	500000.00	496544.74	3351505.89	2.1087	A	1.8

$$y = 4.2465\text{E-}006 * x + 1.6154\text{E-}004$$

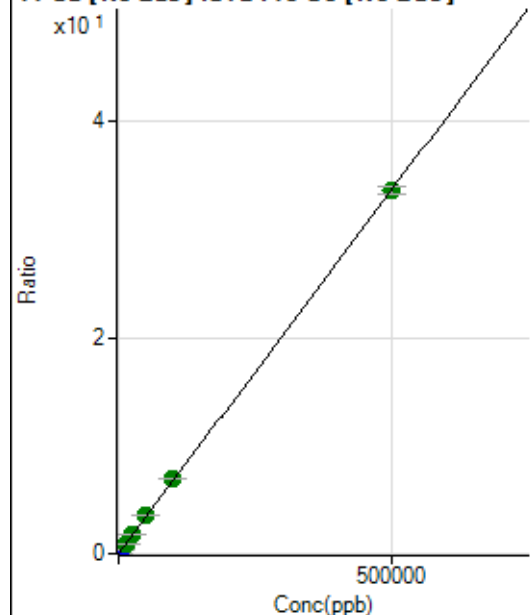
$$R = 0.9996$$

$$DL = 22.49$$

$$BEC = 38.04$$

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	4536.28	0.0027	P	2.1
2	☐	500.000	487.429	61576.44	0.0354	P	5.5
3	☐	5000.000	5645.778	683291.82	0.3823	P	1.2
4	☐	12500.000	13270.815	1557206.57	0.8950	A	0.4
5	☐	25000.000	26746.648	3048787.11	1.8010	A	2.8
6	☐	50000.000	52529.772	5993841.78	3.5346	A	1.0
7	☐	100000.00	103113.70	11726127.88	6.9357	A	0.7
8	☐	500000.00	499011.23	53329746.98	33.5547	A	2.0

$$y = 6.7237\text{E-}005 * x + 0.0027$$

$$R = 1.0000$$

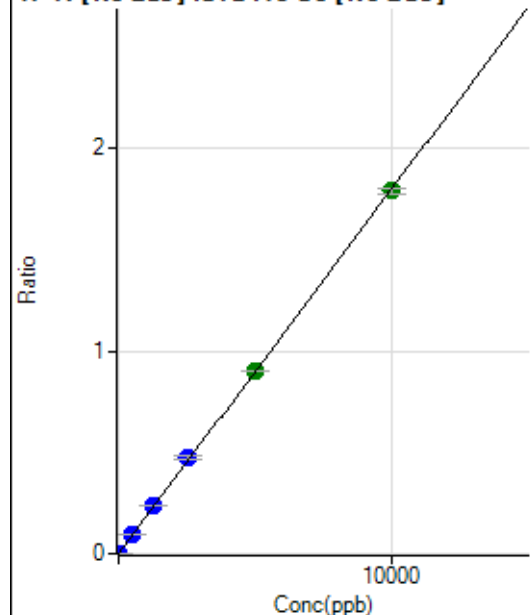
$$DL = 2.524$$

$$BEC = 39.56$$

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	70.00	0.0000	P	16.7
2	☐	5.000	4.796	1572.32	0.0009	P	4.5
3	☐	500.000	516.216	165937.17	0.0928	P	1.3
4	☐	1250.000	1296.057	405422.68	0.2330	P	0.5
5	☐	2500.000	2628.590	799799.58	0.4725	P	3.5
6	☐	5000.000	5009.786	1527165.26	0.9006	A	0.3
7	☐	10000.000	9956.392	3025859.75	1.7898	A	1.3
8	☐			835.61	0.0005	P	13.2

$$y = 1.7976E-004 * x + 4.1200E-005$$

$$R = 0.9999$$

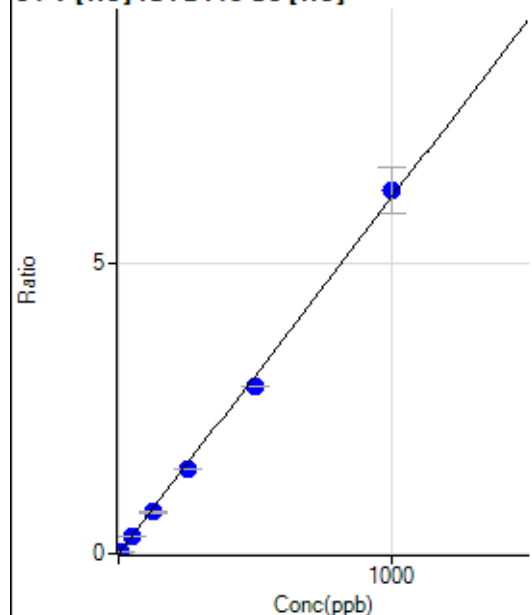
$$DL = 0.1147$$

$$BEC = 0.2292$$

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	5.56	0.0000	P	42.9
2	☐	5.000	4.547	3008.11	0.0280	P	10.8
3	☐	50.000	47.371	32839.09	0.2909	P	0.9
4	☐	125.000	116.838	79692.35	0.7173	P	2.4
5	☐	250.000	235.979	156096.30	1.4487	P	0.3
6	☐	500.000	471.542	305638.60	2.8948	P	0.2
7	☐	1000.000	1018.888	598928.33	6.2548	P	12.8
8	☐			186.67	0.0020	P	14.6

$$y = 0.0061 * x + 4.9407E-005$$

$$R = 0.9993$$

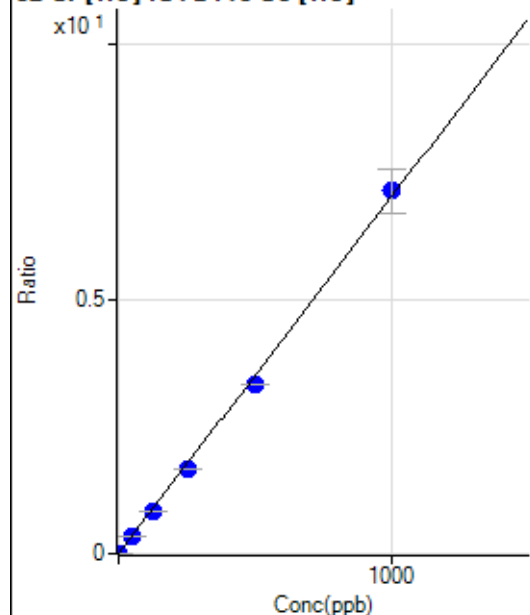
$$DL = 0.01037$$

$$BEC = 0.008048$$

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	236.67	0.0021	P	29.6
2	☐	2.000	1.799	1577.88	0.0147	P	10.2
3	☐	50.000	47.958	38150.48	0.3379	P	1.1
4	☐	125.000	118.247	92232.87	0.8301	P	1.9
5	☐	250.000	237.405	179355.98	1.6646	P	0.6
6	☐	500.000	474.904	351352.12	3.3278	P	0.7
7	☐	1000.000	1016.643	682214.32	7.1215	P	12.2
8	☐			1890.14	0.0197	P	5.5

$$y = 0.0070 * x + 0.0021$$

$$R = 0.9994$$

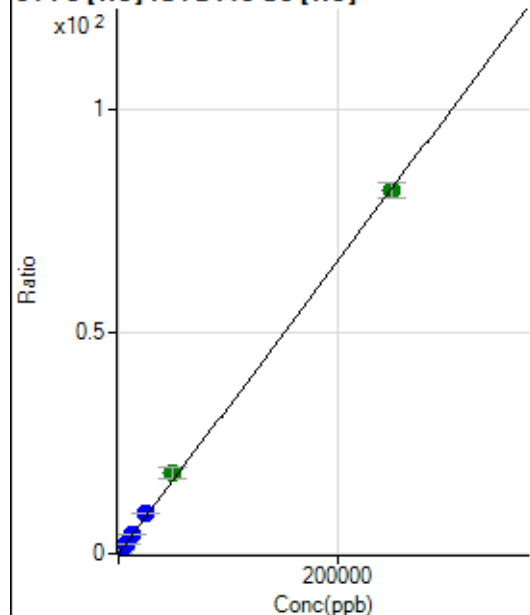
$$DL = 0.2615$$

$$BEC = 0.2947$$

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	512.24	0.0045	P	17.0
2	☐	50.000	51.818	2315.76	0.0215	P	3.9
3	☐	2500.000	2751.220	102579.39	0.9087	P	1.3
4	☐	6250.000	6824.006	249656.92	2.2472	P	2.8
5	☐	12500.000	13673.239	484692.09	4.4983	P	0.5
6	☐	25000.000	27354.207	949676.07	8.9946	P	0.8
7	☐	50000.000	54913.253	1727376.33	18.0521	A	13.8
8	☐	250000.00	248706.40	7844978.91	81.7436	A	4.1

$$y = 3.2866E-004 * x + 0.0045$$

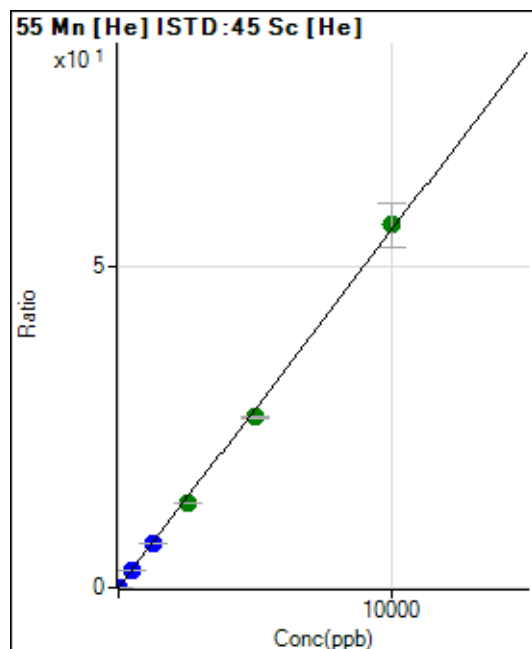
$$R = 0.9998$$

$$DL = 6.914$$

$$BEC = 13.55$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0005	P	15.9
2	☐	1.000	0.880	587.80	0.0054	P	6.9
3	☐	500.000	496.737	312414.08	2.7672	P	0.2
4	☐	1250.000	1234.550	763969.93	6.8765	P	2.6
5	☐	2500.000	2377.944	1427104.28	13.2448	A	0.8
6	☐	5000.000	4765.894	2802616.42	26.5448	A	1.3
7	☐	10000.000	10149.661	5415381.66	56.5305	A	12.2
8	☐			3044.77	0.0317	P	6.2

$$y = 0.0056 * x + 5.4805E-004$$

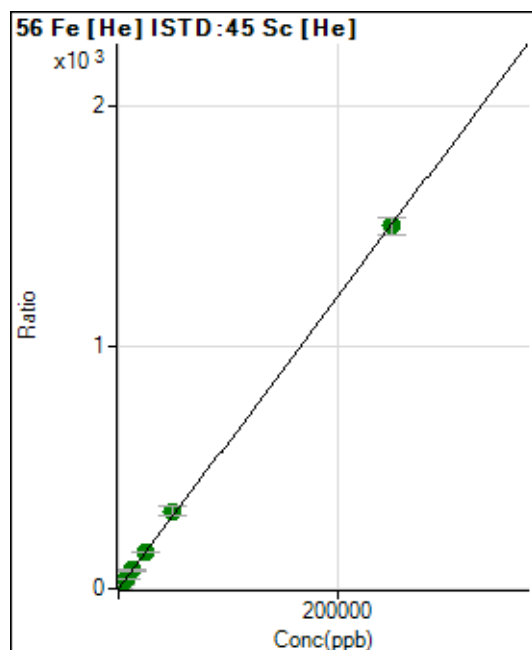
$$R = 0.9995$$

$$DL = 0.04701$$

$$BEC = 0.0984$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3393.75	0.0293	P	10.0
2	☐	50.000	51.651	36724.81	0.3408	P	4.5
3	☐	2500.000	2561.692	1747187.21	15.4758	A	0.4
4	☐	6250.000	6275.815	4207368.41	37.8711	A	2.8
5	☐	12500.000	12609.233	8195363.49	76.0603	A	1.0
6	☐	25000.000	25257.077	16082774.35	152.3241	A	0.4
7	☐	50000.000	53499.803	30886865.65	322.6217	A	13.1
8	☐	250000.00	249267.60	144227741.1	1,503.059	A	4.6

$$y = 0.0060 * x + 0.0293$$

$$R = 0.9999$$

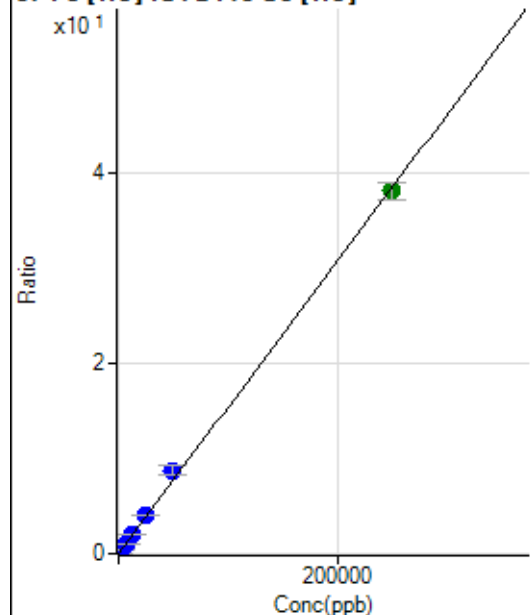
$$DL = 1.46$$

$$BEC = 4.864$$

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	185.56	0.0016	P	12.9
2	☐	50.000	52.071	1034.49	0.0096	P	4.4
3	☐	2500.000	2704.619	47031.07	0.4166	P	0.4
4	☐	6250.000	6715.247	114650.74	1.0319	P	2.1
5	☐	12500.000	13395.831	221632.30	2.0569	P	0.5
6	☐	25000.000	26800.061	434314.17	4.1135	P	1.0
7	☐	50000.000	57090.254	838818.64	8.7610	P	12.9
8	☐	250000.00	248343.47	3656382.03	38.1050	A	4.6

$$y = 1.5343\text{E-}004 * x + 0.0016$$

$$R = 0.9996$$

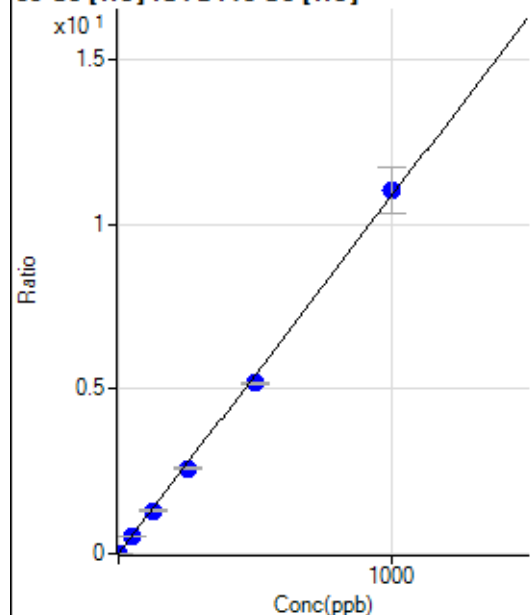
$$DL = 4.04$$

$$BEC = 10.46$$

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	34.44	0.0003	P	15.4
2	☐	1.000	1.009	1213.39	0.0113	P	4.3
3	☐	50.000	48.270	59217.18	0.5245	P	0.4
4	☐	125.000	120.893	145900.86	1.3132	P	2.2
5	☐	250.000	238.642	279283.89	2.5920	P	0.6
6	☐	500.000	478.048	548179.16	5.1920	P	1.1
7	☐	1000.000	1014.415	1054951.34	11.0170	P	12.8
8	☐			2975.88	0.0310	P	5.5

$$y = 0.0109 * x + 2.9885\text{E-}004$$

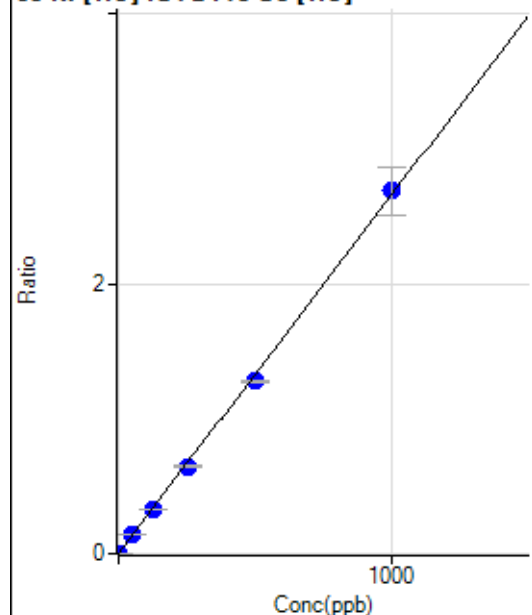
$$R = 0.9996$$

$$DL = 0.01272$$

$$BEC = 0.02752$$

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	283.34	0.0024	P	5.8
2	☐	1.000	0.924	524.46	0.0049	P	10.5
3	☐	50.000	50.288	15349.06	0.1359	P	0.8
4	☐	125.000	122.851	36508.84	0.3286	P	2.6
5	☐	250.000	242.206	69554.61	0.6455	P	1.1
6	☐	500.000	481.360	135200.41	1.2805	P	1.3
7	☐	1000.000	1011.523	257369.56	2.6882	P	13.0
8	☐			931.15	0.0097	P	11.3

$$y = 0.0027 * x + 0.0024$$

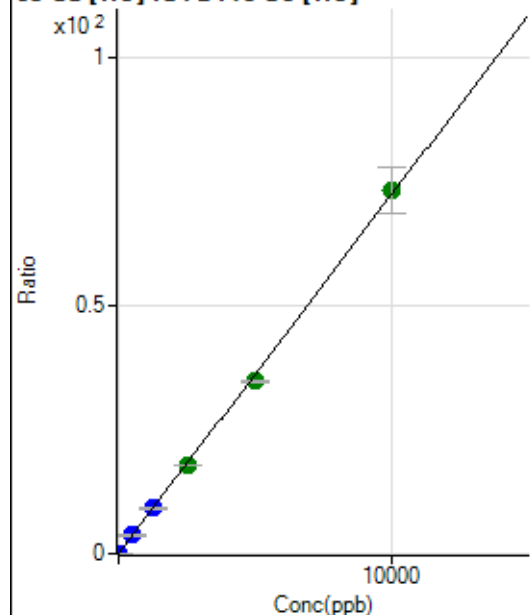
$$R = 0.9997$$

$$DL = 0.1595$$

$$BEC = 0.9118$$

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	398.90	0.0034	P	13.8
2	☐	2.000	1.916	1869.02	0.0173	P	3.0
3	☐	500.000	510.023	417667.83	3.6996	P	0.7
4	☐	1250.000	1260.209	1015042.12	9.1363	P	2.4
5	☐	2500.000	2458.018	1919710.48	17.8169	A	1.1
6	☐	5000.000	4809.229	3680186.89	34.8563	A	0.8
7	☐	10000.000	10104.104	7012311.98	73.2287	A	12.8
8	☐			2336.87	0.0244	P	11.0

$$y = 0.0072 * x + 0.0034$$

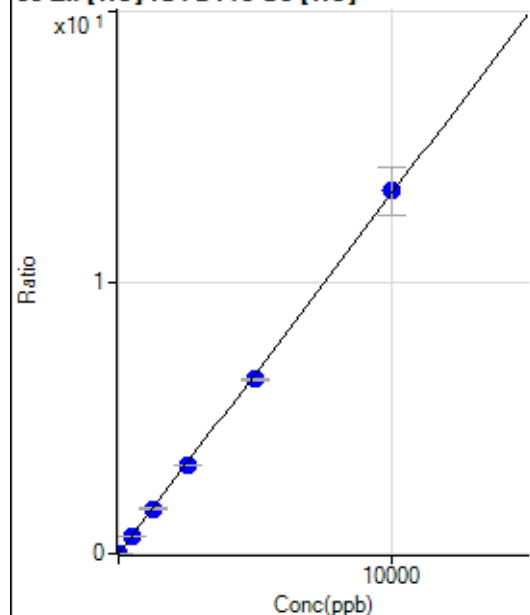
$$R = 0.9997$$

$$DL = 0.1964$$

$$BEC = 0.476$$

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	90.00	0.0008	P	21.9
2	☐	2.000	1.851	346.68	0.0032	P	11.9
3	☐	500.000	501.869	75148.77	0.6656	P	0.8
4	☐	1250.000	1244.752	183298.52	1.6498	P	1.9
5	☐	2500.000	2472.641	353039.60	3.2764	P	0.8
6	☐	5000.000	4850.786	678571.06	6.4269	P	0.7
7	☐	10000.000	10082.009	1278913.72	13.3571	P	12.9
8	☐			1195.62	0.0125	P	5.8

$$y = 0.0013 * x + 7.6878E-004$$

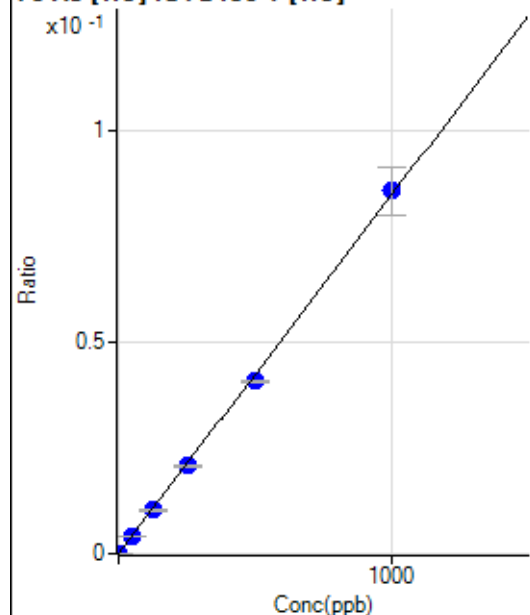
$$R = 0.9998$$

$$DL = 0.3807$$

$$BEC = 0.5803$$

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	0.00	0.0000	P	
2	☐	1.000	1.236	121.11	0.0001	P	8.4
3	☐	50.000	49.857	5058.69	0.0042	P	2.2
4	☐	125.000	120.808	12203.99	0.0102	P	2.4
5	☐	250.000	244.259	23900.40	0.0207	P	0.5
6	☐	500.000	480.640	46471.35	0.0408	P	1.7
7	☐	1000.000	1011.646	89925.52	0.0858	P	12.9
8	☐			38.89	0.0000	P	18.1

$$y = 8.4799E-005 * x + 0.0000E+000$$

$$R = 0.9997$$

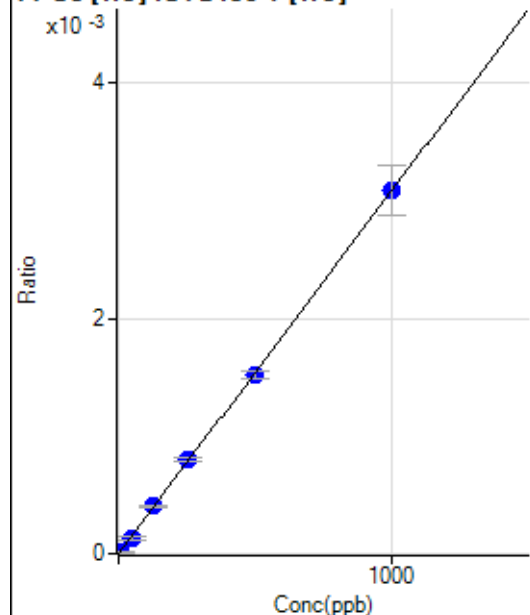
$$DL = 0$$

$$BEC = 0$$

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	3.158	11.11	0.0000	P	50.4
3	☐	50.000	42.146	155.56	0.0001	P	15.7
4	☐	125.000	130.645	480.01	0.0004	P	4.6
5	☐	250.000	260.844	927.81	0.0008	P	4.1
6	☐	500.000	493.460	1734.56	0.0015	P	4.6
7	☐	1000.000	1000.256	3230.38	0.0031	P	13.8
8	☐			11.11	0.0000	P	79.5

$$y = 3.0829\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

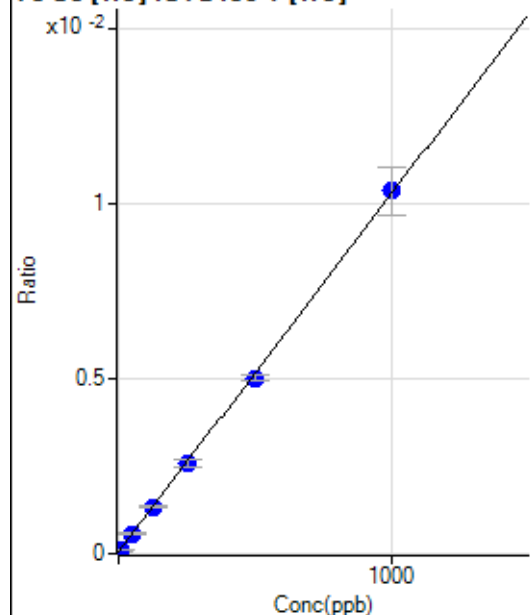
$$DL = 0$$

$$BEC = 0$$

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	63.33	0.0001	P	18.5
2	☐	5.000	7.836	153.34	0.0001	P	6.5
3	☐	50.000	49.716	671.13	0.0006	P	13.0
4	☐	125.000	125.306	1587.88	0.0013	P	2.2
5	☐	250.000	246.355	2965.89	0.0026	P	7.7
6	☐	500.000	486.079	5722.28	0.0050	P	2.4
7	☐	1000.000	1007.833	10849.62	0.0103	P	12.9
8	☐			111.11	0.0001	P	37.7

$$y = 1.0217\text{E-}005 * x + 5.2627\text{E-}005$$

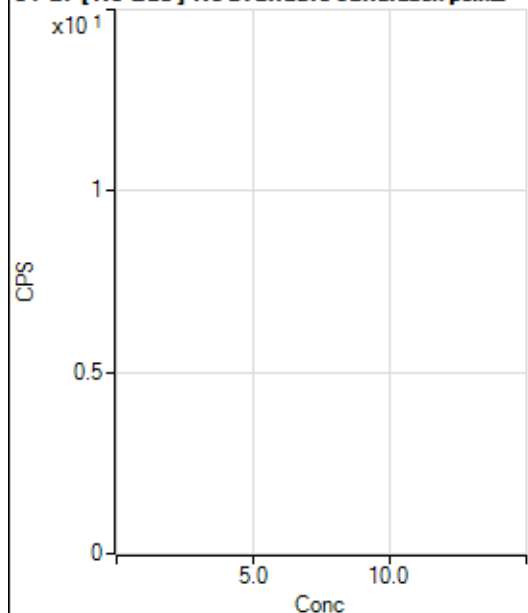
$$R = 0.9998$$

$$DL = 2.859$$

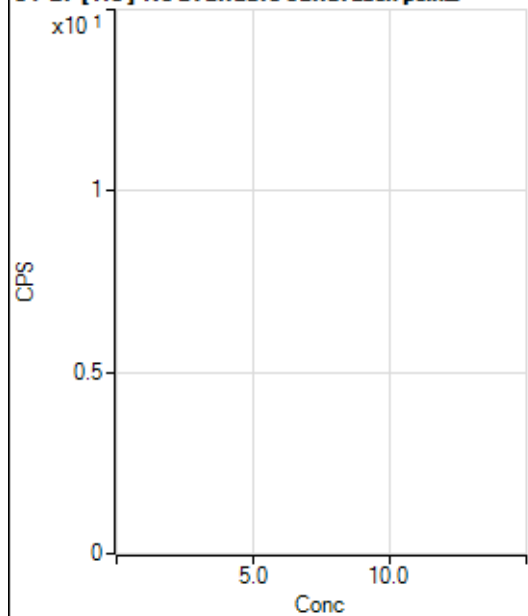
$$BEC = 5.151$$

Weight: <None>

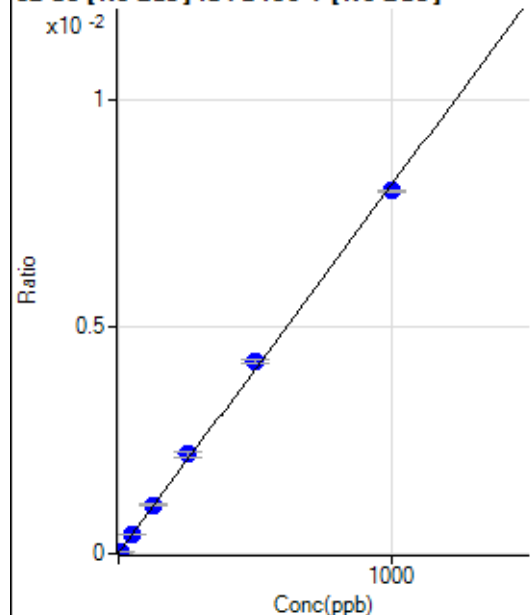
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17523.82		P	1.7
2	☐			17778.61		P	0.9
3	☐			17322.53		P	0.8
4	☐			16955.40		P	2.7
5	☐			16443.73		P	0.8
6	☐			16562.73		P	0.6
7	☐			16103.33		P	0.8
8	☐			15841.95		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.55		P	19.5
2	☐			24.44		P	7.9
3	☐			35.56		P	5.4
4	☐			28.89		P	29.0
5	☐			27.78		P	48.5
6	☐			33.33		P	40.0
7	☐			41.11		P	36.6
8	☐			113.33		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	60.99	0.0000	P	44.8
2	☐	5.000	4.975	264.25	0.0001	P	10.9
3	☐	50.000	51.032	2267.68	0.0004	P	1.8
4	☐	125.000	131.781	5663.55	0.0011	P	2.4
5	☐	250.000	268.586	11152.44	0.0022	P	4.8
6	☐	500.000	520.242	21528.36	0.0042	P	1.4
7	☐	1000.000	984.333	41124.19	0.0080	P	0.8
8	☐			326.96	0.0001	P	4.8

$$y = 8.1187\text{E-}006 * x + 1.1825\text{E-}005$$

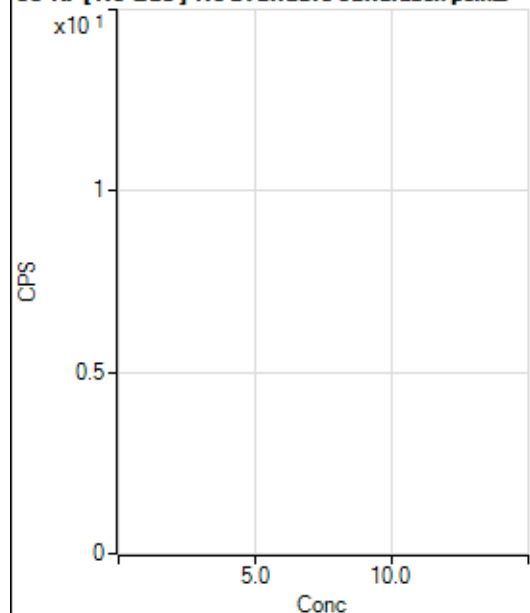
$$R = 0.9995$$

$$DL = 1.956$$

$$BEC = 1.457$$

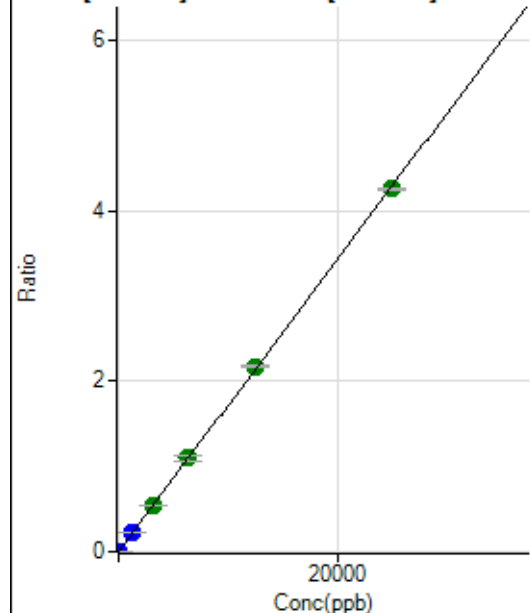
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			37.78		P	35.7
2	☐			52.22		P	31.5
3	☐			55.55		P	24.3
4	☐			43.33		P	15.4
5	☐			52.22		P	20.5
6	☐			40.00		P	8.3
7	☐			46.67		P	14.3
8	☐			50.00		P	17.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.45	0.0000	P	36.4
2	☐	1.000	0.929	887.82	0.0002	P	13.0
3	☐	1250.000	1281.159	1167330.23	0.2194	P	1.2
4	☐	3125.000	3169.596	2841668.19	0.5427	A	0.8
5	☐	6250.000	6413.168	5584950.96	1.0981	A	5.4
6	☐	12500.000	12675.767	11032179.28	2.1704	A	0.9
7	☐	25000.000	24864.192	21875829.68	4.2573	A	0.7
8	☐			4177.30	0.0009	P	11.5

$$y = 1.7122\text{E-}004 * x + 1.6403\text{E-}005$$

$$R = 0.9999$$

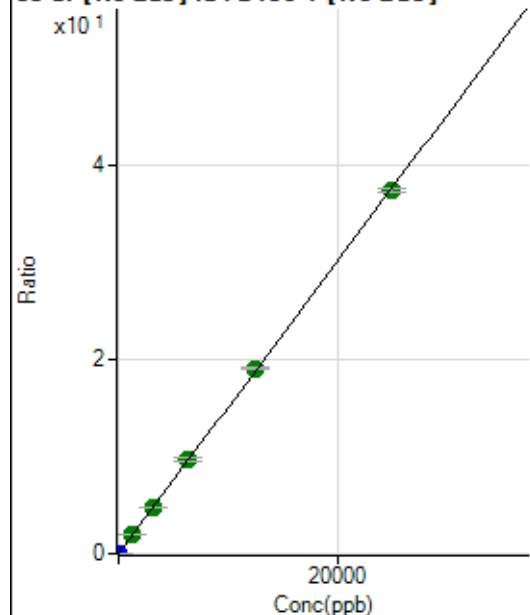
$$DL = 0.1045$$

$$BEC = 0.0958$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	6.0
2	☐	1.000	0.959	7436.39	0.0015	P	8.9
3	☐	1250.000	1266.602	10131987.97	1.9041	A	1.5
4	☐	3125.000	3141.766	24731801.58	4.7231	A	1.4
5	☐	6250.000	6478.006	49555251.48	9.7385	A	3.7
6	☐	12500.000	12679.474	96890915.22	19.0613	A	1.0
7	☐	25000.000	24850.336	191960186.0	37.3579	A	0.9
8	☐			36430.46	0.0076	P	11.2

$$y = 0.0015 * x + 2.8264\text{E-}005$$

$$R = 0.9999$$

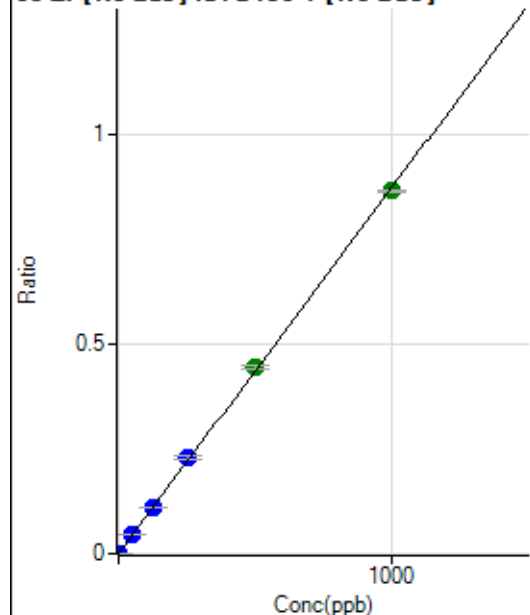
$$DL = 0.003372$$

$$BEC = 0.0188$$

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	187.78	0.0000	P	14.6
2	☐	1.000	0.899	4143.96	0.0008	P	7.9
3	☐	50.000	50.797	235479.60	0.0443	P	0.8
4	☐	125.000	128.171	584384.63	0.1116	P	0.7
5	☐	250.000	262.149	1160858.91	0.2282	P	5.1
6	☐	500.000	508.599	2250382.50	0.4427	A	1.7
7	☐	1000.000	992.227	4438354.80	0.8637	A	0.4
8	☐			2373.55	0.0005	P	7.4

$$y = 8.7045\text{E-}004 * x + 3.6753\text{E-}005$$

$$R = 0.9999$$

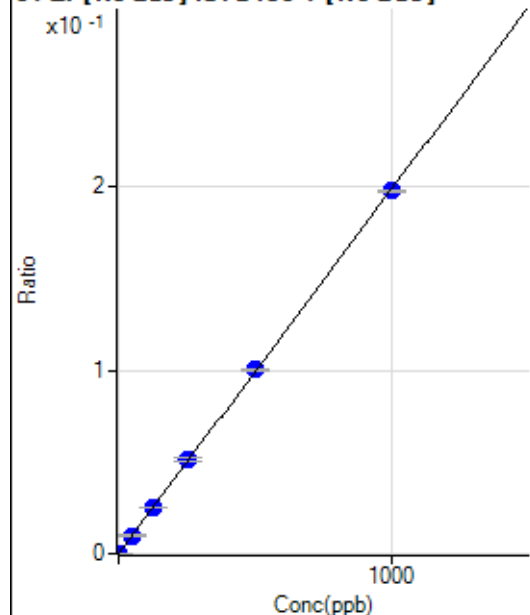
$$DL = 0.01853$$

$$BEC = 0.04222$$

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	28.89	0.0000	P	25.2
2	☐	1.000	0.871	905.59	0.0002	P	3.9
3	☐	50.000	50.043	52957.26	0.0100	P	1.2
4	☐	125.000	125.156	130283.05	0.0249	P	1.0
5	☐	250.000	258.016	260880.72	0.0513	P	5.0
6	☐	500.000	504.668	509872.27	0.1003	P	1.2
7	☐	1000.000	995.641	1016861.72	0.1979	P	0.6
8	☐			543.35	0.0001	P	8.6

$$y = 1.9875\text{E-}004 * x + 5.6444\text{E-}006$$

$$R = 0.9999$$

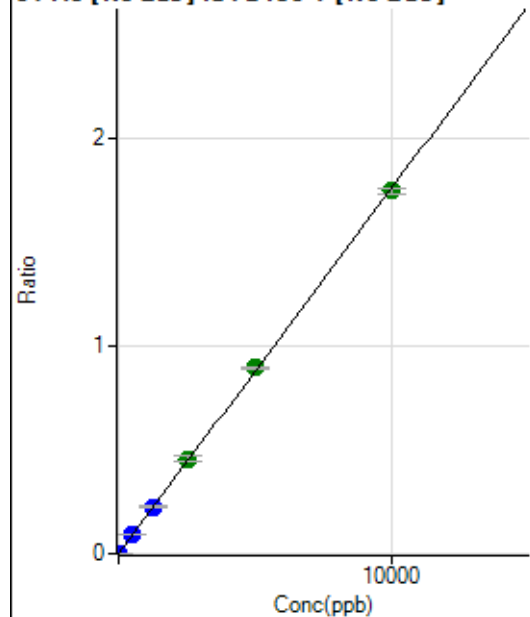
$$DL = 0.02149$$

$$BEC = 0.0284$$

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	132.23	0.0000	P	9.1
2	☐	5.000	5.388	4916.42	0.0010	P	7.1
3	☐	500.000	515.205	481350.31	0.0905	P	0.9
4	☐	1250.000	1287.212	1183231.36	0.2260	P	0.9
5	☐	2500.000	2590.670	2312954.93	0.4548	A	5.4
6	☐	5000.000	5082.069	4534437.12	0.8921	A	1.2
7	☐	10000.000	9930.886	8957087.50	1.7432	A	1.4
8	☐			2861.43	0.0006	P	7.2

$$y = 1.7553\text{E-}004 * x + 2.5922\text{E-}005$$

$$R = 0.9999$$

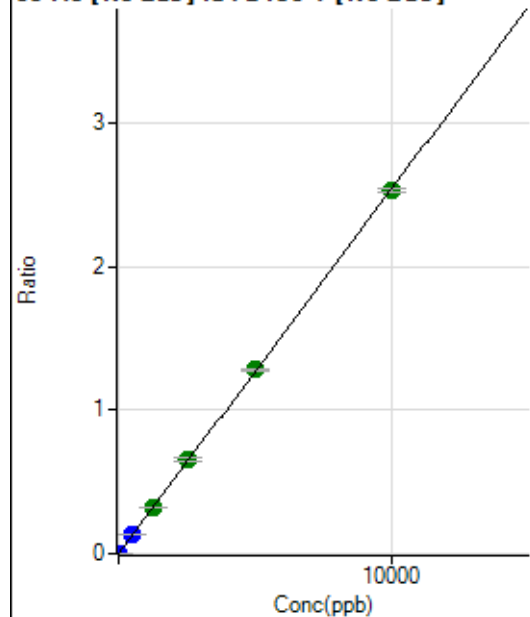
$$DL = 0.04041$$

$$BEC = 0.1477$$

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	273.34	0.0001	P	13.5
2	☐	5.000	4.600	6175.81	0.0012	P	7.8
3	☐	500.000	516.764	698046.07	0.1312	P	1.0
4	☐	1250.000	1253.413	1665664.49	0.3181	A	0.3
5	☐	2500.000	2588.506	3340970.33	0.6569	A	5.5
6	☐	5000.000	5050.841	6515150.60	1.2817	A	0.7
7	☐	10000.000	9951.189	12975438.42	2.5252	A	0.9
8	☐			3633.82	0.0008	P	11.1

$$y = 2.5375\text{E-}004 * x + 5.3421\text{E-}005$$

$$R = 0.9999$$

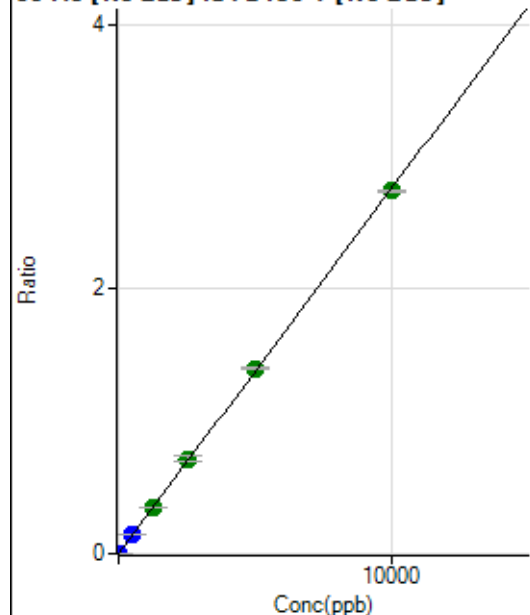
$$DL = 0.08506$$

$$BEC = 0.2105$$

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	58.89	0.0000	P	48.5
2	☐	5.000	4.721	6653.80	0.0013	P	4.2
3	☐	500.000	516.476	757795.33	0.1424	P	1.0
4	☐	1250.000	1267.244	1829542.93	0.3494	A	0.2
5	☐	2500.000	2605.727	3654427.13	0.7184	A	5.1
6	☐	5000.000	5065.228	7099136.42	1.3966	A	0.8
7	☐	10000.000	9937.975	14080177.15	2.7401	A	0.7
8	☐			7018.43	0.0015	P	4.6

$$y = 2.7571E-004 * x + 1.1573E-005$$

$$R = 0.9999$$

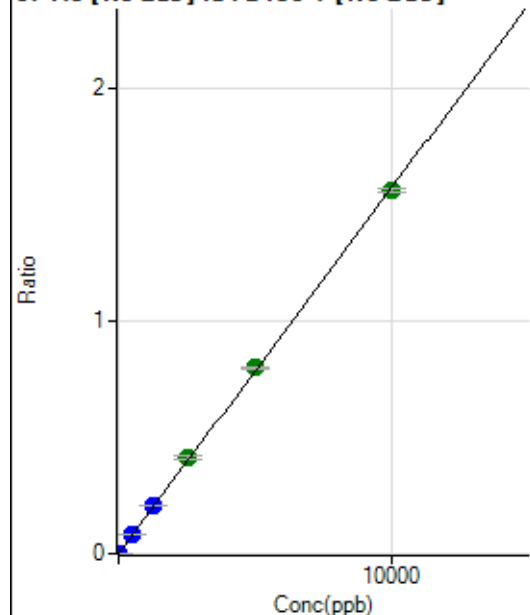
$$DL = 0.06113$$

$$BEC = 0.04197$$

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	40.00	0.0000	P	24.7
2	☐	5.000	4.704	3783.86	0.0007	P	7.9
3	☐	500.000	521.044	436270.84	0.0820	P	0.8
4	☐	1250.000	1301.577	1072359.18	0.2048	P	0.7
5	☐	2500.000	2611.945	2091086.05	0.4110	A	4.0
6	☐	5000.000	5089.566	4070443.97	0.8008	A	1.0
7	☐	10000.000	9919.732	8019740.02	1.5608	A	1.0
8	☐			2027.94	0.0004	P	12.6

$$y = 1.5734E-004 * x + 7.8741E-006$$

$$R = 0.9999$$

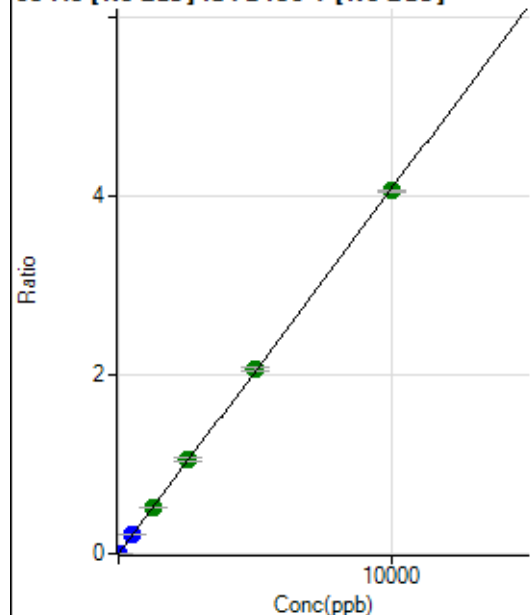
$$DL = 0.0371$$

$$BEC = 0.05005$$

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	36.67	0.0000	P	27.7
2	☐	5.000	4.517	9380.86	0.0019	P	5.6
3	☐	500.000	518.719	1128036.69	0.2120	P	0.5
4	☐	1250.000	1255.512	2686641.21	0.5131	A	0.5
5	☐	2500.000	2580.374	5366215.79	1.0545	A	3.6
6	☐	5000.000	5066.451	10523873.46	2.0705	A	2.3
7	☐	10000.000	9945.057	20883855.52	4.0642	A	0.4
8	☐			5002.03	0.0010	P	10.6

$$y = 4.0866\text{E-}004 * x + 7.1871\text{E-}006$$

$$R = 0.9999$$

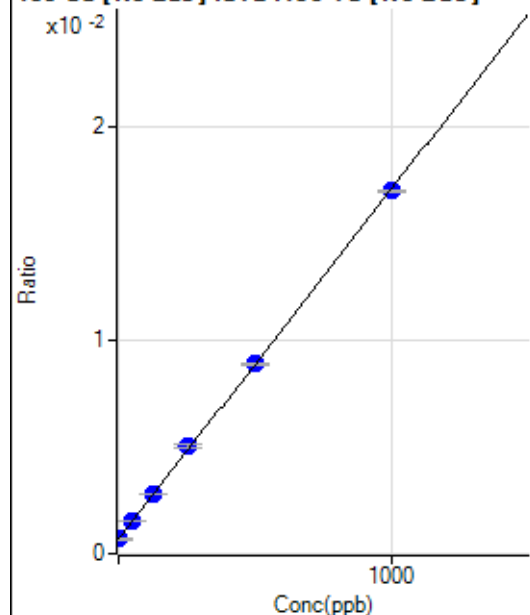
$$DL = 0.01463$$

$$BEC = 0.01759$$

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	3225.95	0.0007	P	1.7
2	☐	1.000	0.138	3251.51	0.0007	P	3.5
3	☐	50.000	52.438	7602.07	0.0015	P	2.6
4	☐	125.000	128.338	13622.02	0.0028	P	2.0
5	☐	250.000	267.450	24212.46	0.0051	P	3.8
6	☐	500.000	501.335	43189.55	0.0089	P	1.2
7	☐	1000.000	994.432	81640.91	0.0170	P	0.9
8	☐			2910.32	0.0006	P	4.1

$$y = 1.6379\text{E-}005 * x + 6.8133\text{E-}004$$

$$R = 0.9998$$

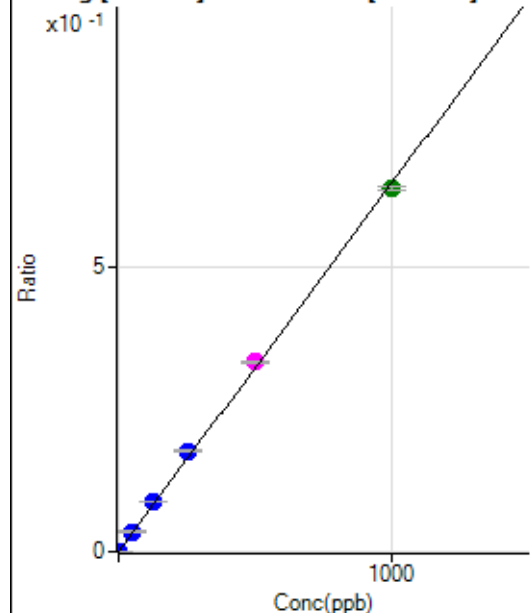
$$DL = 2.154$$

$$BEC = 41.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	22.8
2	☐	1.000	0.965	3019.23	0.0006	P	8.2
3	☐	50.000	54.799	175634.07	0.0356	P	1.2
4	☐	125.000	136.339	433248.43	0.0885	P	0.2
5	☐	250.000	273.856	850587.06	0.1778	P	2.9
6	☐	500.000	514.505	1622265.55	0.3340	M	0.8
7	☐	1000.000	985.126	3076907.38	0.6395	A	1.1
8	☐			930.04	0.0002	P	6.3

$$y = 6.4917\text{E-}004 * x + 1.0378\text{E-}005$$

$$R = 0.9995$$

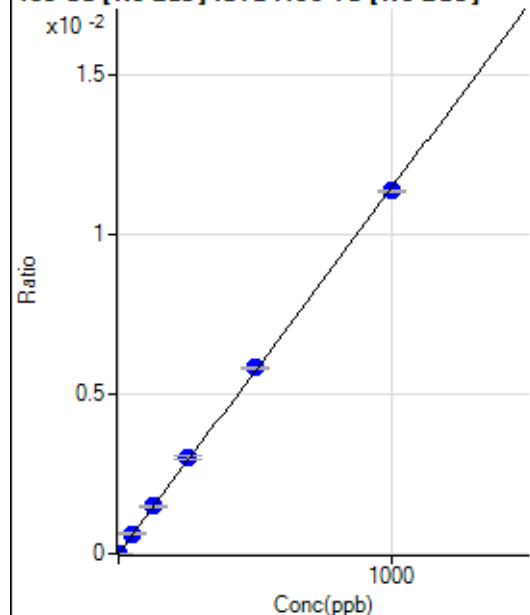
$$DL = 0.01095$$

$$BEC = 0.01599$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	92.0
2	☐	1.000	1.011	61.11	0.0000	P	23.5
3	☐	50.000	54.851	3109.25	0.0006	P	4.3
4	☐	125.000	130.507	7327.46	0.0015	P	2.7
5	☐	250.000	262.367	14392.80	0.0030	P	4.3
6	☐	500.000	507.764	28280.98	0.0058	P	0.9
7	☐	1000.000	992.095	54729.42	0.0114	P	0.7
8	☐			37.78	0.0000	P	41.9

$$y = 1.1465\text{E-}005 * x + 1.2050\text{E-}006$$

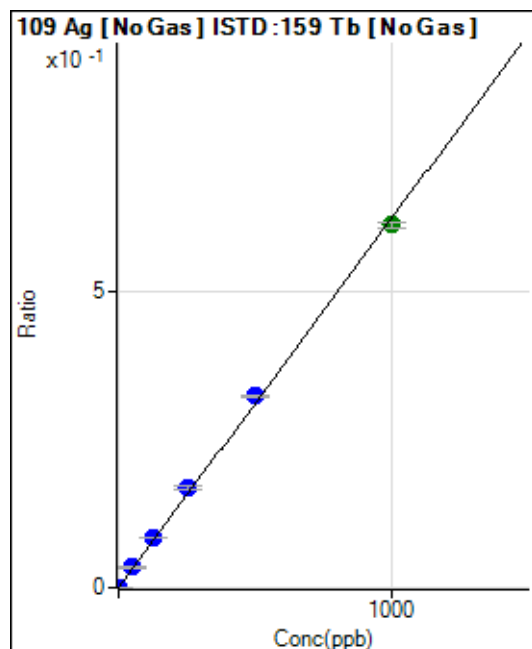
$$R = 0.9999$$

$$DL = 0.2901$$

$$BEC = 0.1051$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	31.1
2	☐	1.000	0.937	2793.63	0.0006	P	5.6
3	☐	50.000	54.992	169193.46	0.0343	P	1.4
4	☐	125.000	136.221	415565.89	0.0849	P	0.6
5	☐	250.000	272.542	812645.10	0.1699	P	3.3
6	☐	500.000	518.934	1570924.35	0.3234	P	0.8
7	☐	1000.000	983.245	2948391.49	0.6128	A	1.4
8	☐			847.81	0.0002	P	3.8

$$y = 6.2328\text{E-}004 * x + 4.9651\text{E-}006$$

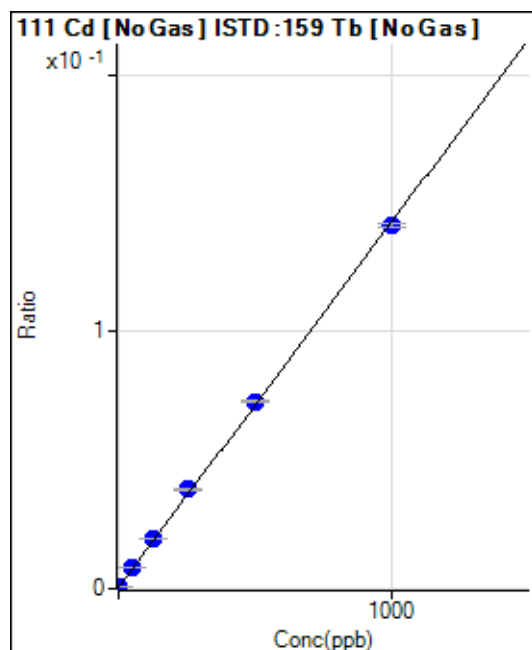
$$R = 0.9994$$

$$DL = 0.007441$$

$$BEC = 0.007966$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2255.39	0.0005	P	1.9
2	☐	1.000	0.909	2878.86	0.0006	P	1.7
3	☐	50.000	54.004	40250.19	0.0082	P	0.8
4	☐	125.000	132.904	94819.44	0.0194	P	1.5
5	☐	250.000	268.374	184820.44	0.0386	P	3.4
6	☐	500.000	508.423	353414.84	0.0728	P	1.2
7	☐	1000.000	990.007	679511.40	0.1412	P	1.1
8	☐			2380.78	0.0005	P	3.5

$$y = 1.4218\text{E-}004 * x + 4.7633\text{E-}004$$

$$R = 0.9998$$

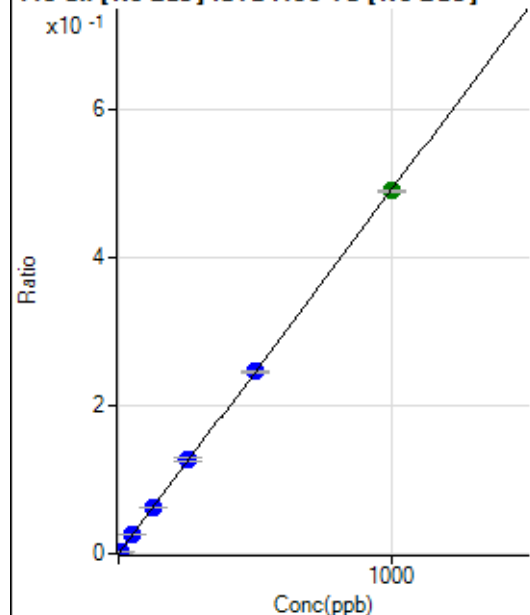
$$DL = 0.1908$$

$$BEC = 3.35$$

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	305.56	0.0001	P	6.1
2	☐	5.000	4.644	11128.82	0.0023	P	4.1
3	☐	50.000	50.880	123614.46	0.0250	P	1.6
4	☐	125.000	127.275	306150.09	0.0626	P	1.1
5	☐	250.000	258.087	606475.47	0.1268	P	3.5
6	☐	500.000	500.455	1193744.10	0.2458	P	0.6
7	☐	1000.000	997.424	2356482.48	0.4898	A	0.6
8	☐			1588.99	0.0004	P	3.0

$$y = 4.9098\text{E-}004 * x + 6.4547\text{E-}005$$

$$R = 1.0000$$

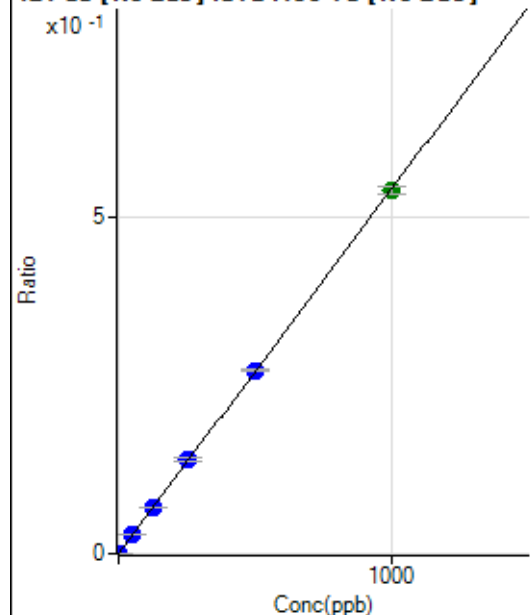
$$DL = 0.02393$$

$$BEC = 0.1315$$

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	27.78	0.0000	P	64.4
2	☐	2.000	1.883	4859.75	0.0010	P	7.4
3	☐	50.000	51.329	137162.98	0.0278	P	0.9
4	☐	125.000	127.872	338798.25	0.0692	P	0.3
5	☐	250.000	260.127	673500.48	0.1408	P	4.0
6	☐	500.000	503.408	1323434.95	0.2725	P	1.0
7	☐	1000.000	995.339	2591948.56	0.5388	A	2.0
8	☐			1971.27	0.0004	P	3.8

$$y = 5.4128\text{E-}004 * x + 5.9609\text{E-}006$$

$$R = 0.9999$$

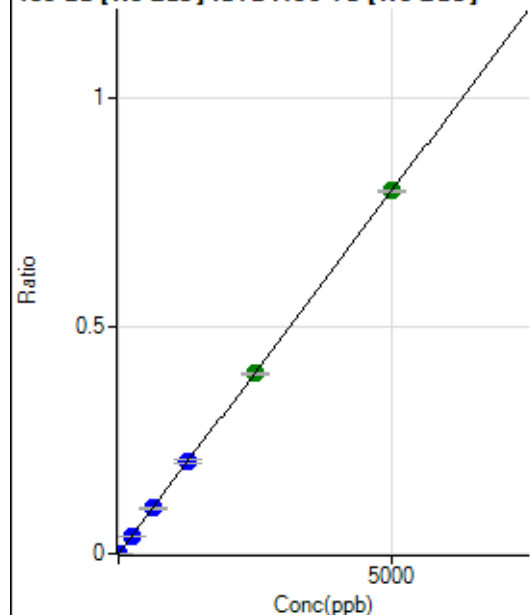
$$DL = 0.02127$$

$$BEC = 0.01101$$

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	5.55	0.0000	P	72.3
2	☐	10.000	9.203	6966.21	0.0015	P	5.8
3	☐	250.000	248.604	195627.66	0.0396	P	1.8
4	☐	625.000	623.631	486629.13	0.0994	P	0.5
5	☐	1250.000	1274.236	971781.15	0.2032	P	3.7
6	☐	2500.000	2481.762	1921661.20	0.3957	A	1.5
7	☐	5000.000	5003.303	3837847.62	0.7977	A	0.6
8	☐			2280.21	0.0005	P	10.2

$$y = 1.5943\text{E-}004 * x + 1.1896\text{E-}006$$

$$R = 1.0000$$

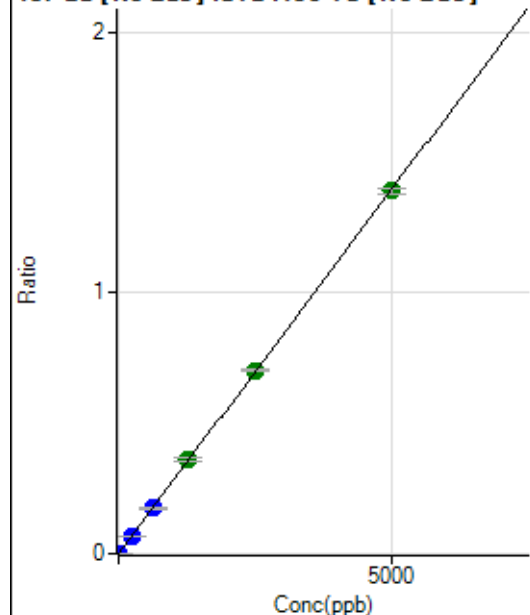
$$DL = 0.01618$$

$$BEC = 0.007461$$

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	17.78	0.0000	P	50.2
2	☐	10.000	9.320	12351.02	0.0026	P	5.9
3	☐	250.000	248.356	341987.48	0.0693	P	1.2
4	☐	625.000	620.921	847811.20	0.1732	P	0.7
5	☐	1250.000	1291.814	1724145.60	0.3604	A	3.2
6	☐	2500.000	2515.517	3408409.95	0.7018	A	1.3
7	☐	5000.000	4982.382	6687101.77	1.3900	A	1.4
8	☐			3891.68	0.0009	P	3.8

$$y = 2.7898\text{E-}004 * x + 3.8055\text{E-}006$$

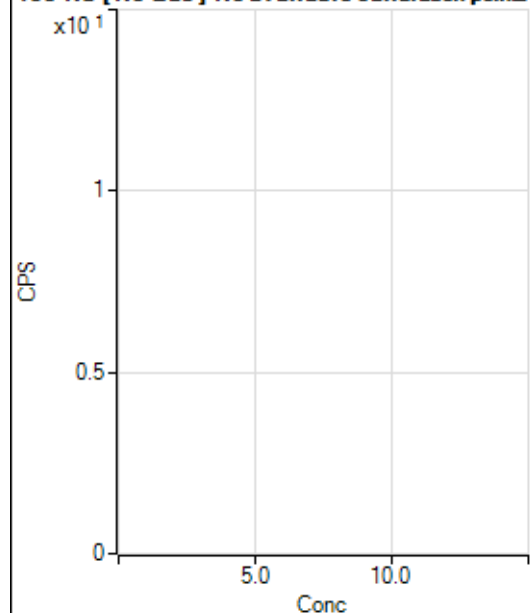
$$R = 0.9999$$

$$DL = 0.02056$$

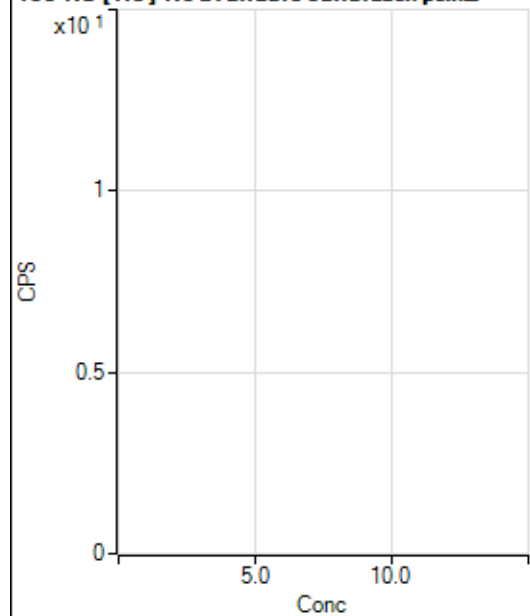
$$BEC = 0.01364$$

Weight: <None>

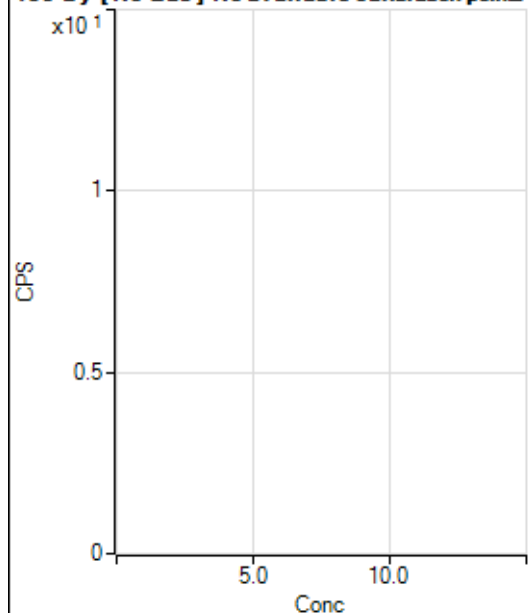
Min Conc: 0

150 Nd [No Gas] No available calibration points

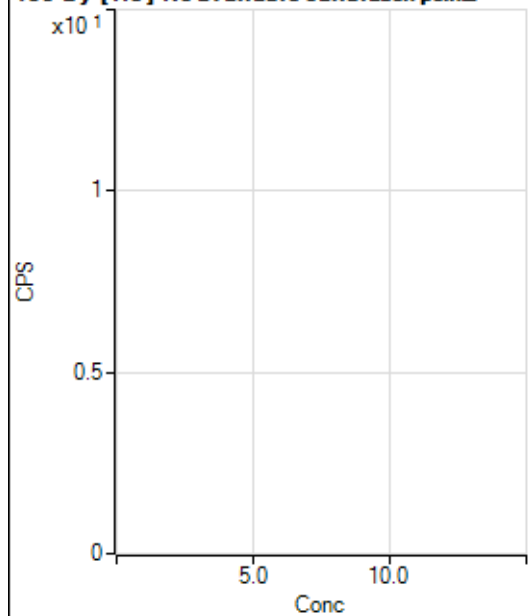
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			3.33		P	100.
3	☐			42.22		P	9.1
4	☐			94.45		P	4.1
5	☐			226.67		P	7.6
6	☐			433.34		P	12.2
7	☐			866.70		P	2.0
8	☐			126.67		P	17.3

150 Nd [He] No available calibration points

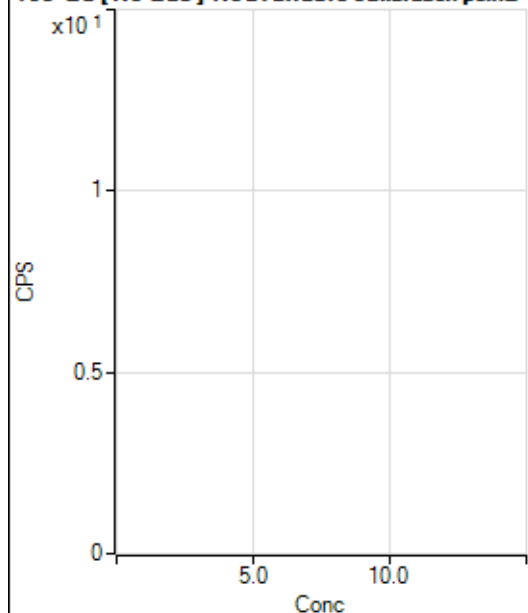
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	114.
3	☐			3.33		P	0.0
4	☐			20.00		P	28.9
5	☐			41.11		P	40.8
6	☐			93.34		P	31.1
7	☐			180.01		P	12.8
8	☐			46.67		P	25.8

156 Dy [No Gas] No available calibration points

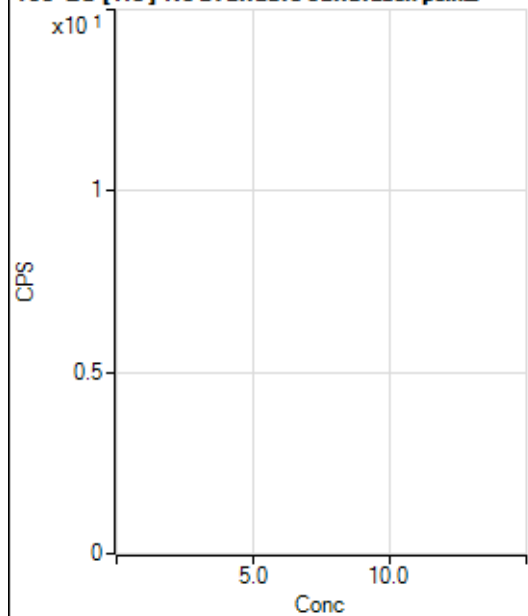
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			24.44		P	41.7
4	☐			45.56		P	51.9
5	☐			72.22		P	11.6
6	☐			148.89		P	4.7
7	☐			288.89		P	3.7
8	☐			667.80		P	15.6

156 Dy [He] No available calibration points

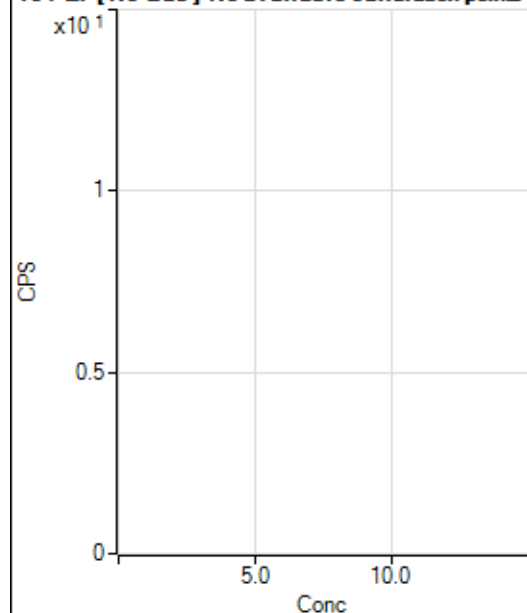
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			3.33		P	173.
3	☐			20.00		P	60.1
4	☐			41.11		P	12.4
5	☐			75.55		P	9.2
6	☐			150.00		P	2.2
7	☐			294.45		P	1.7
8	☐			474.46		P	2.1

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

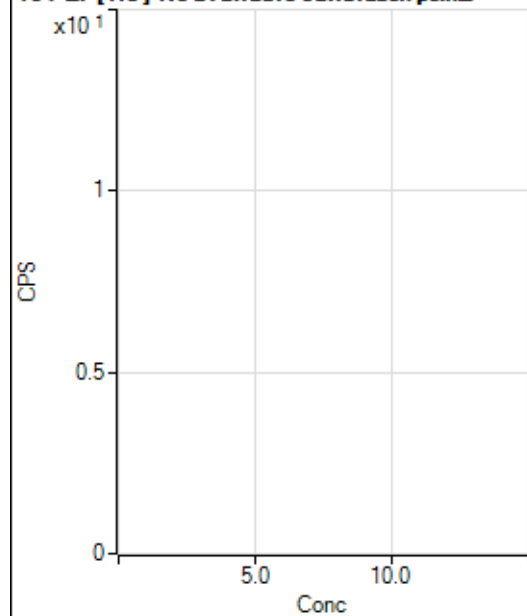
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	6.2
2	☐			21.11		P	36.5
3	☐			27.78		P	50.0
4	☐			46.66		P	12.4
5	☐			70.00		P	23.8
6	☐			105.55		P	12.8
7	☐			216.67		P	13.7
8	☐			756.70		P	1.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			172.22		P	29.1
2	☐			156.67		P	12.9
3	☐			197.78		P	2.6
4	☐			214.45		P	20.7
5	☐			226.67		P	8.9
6	☐			237.78		P	6.6
7	☐			313.34		P	5.9
8	☐			714.47		P	11.5

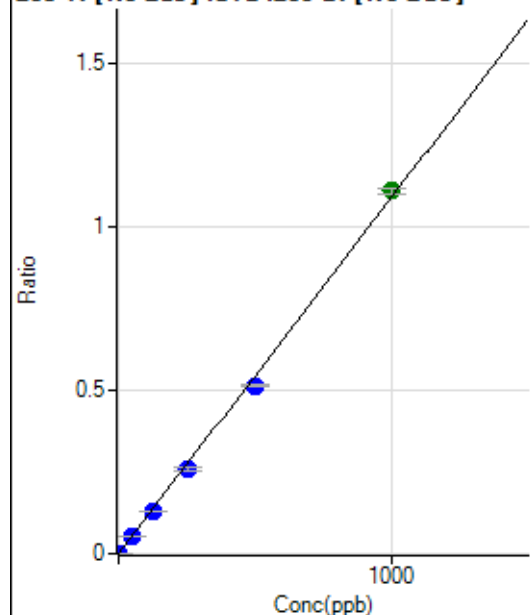
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	32.7
2	☐			27.78		P	18.3
3	☐			36.67		P	9.1
4	☐			35.55		P	57.3
5	☐			45.55		P	15.2
6	☐			58.89		P	25.5
7	☐			102.22		P	8.2
8	☐			91.11		P	7.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	59.2
2	☐			22.22		P	60.6
3	☐			26.67		P	25.0
4	☐			23.33		P	14.3
5	☐			23.33		P	37.8
6	☐			38.89		P	4.9
7	☐			63.33		P	38.0
8	☐			75.56		P	6.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	10.5
2	☐	1.000	0.843	2662.51	0.0009	P	3.3
3	☐	50.000	46.979	147339.53	0.0512	P	1.5
4	☐	125.000	118.055	366290.57	0.1285	P	0.8
5	☐	250.000	238.819	731965.05	0.2600	P	4.3
6	☐	500.000	470.605	1434073.73	0.5123	P	1.4
7	☐	1000.000	1018.512	3031509.50	1.1088	A	1.4
8	☐			714.47	0.0003	P	9.6

$$y = 0.0011 * x + 1.7903E-005$$

$$R = 0.9993$$

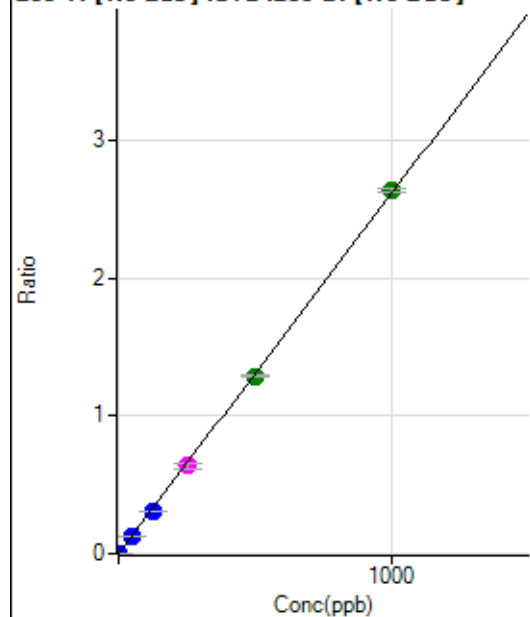
$$DL = 0.005173$$

$$BEC = 0.01645$$

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	154.45	0.0001	P	2.5
2	☐	1.000	0.822	6259.27	0.0022	P	5.1
3	☐	50.000	45.980	346300.76	0.1202	P	1.2
4	☐	125.000	116.052	864647.09	0.3034	P	2.0
5	☐	250.000	244.138	1796079.94	0.6382	M	6.1
6	☐	500.000	491.735	3597945.54	1.2854	A	1.3
7	☐	1000.000	1006.918	7196337.95	2.6320	A	1.2
8	☐			1605.67	0.0007	P	9.2

$$y = 0.0026 * x + 5.4243E-005$$

$$R = 0.9999$$

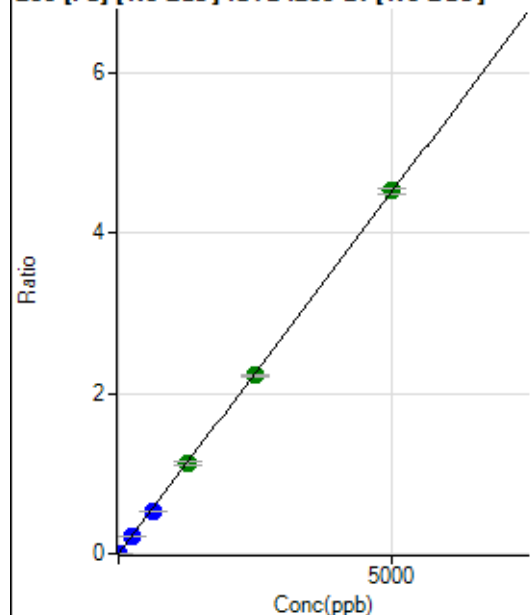
$$DL = 0.001585$$

$$BEC = 0.02075$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	240.01	0.0001	P	12.0
2	☐	1.000	0.838	2386.90	0.0008	P	3.5
3	☐	250.000	235.451	610999.38	0.2121	P	1.1
4	☐	625.000	590.550	1516015.61	0.5320	P	1.4
5	☐	1250.000	1256.878	3188155.75	1.1321	A	3.3
6	☐	2500.000	2468.955	6224664.21	2.2238	A	1.3
7	☐	5000.000	5018.837	12359297.04	4.5204	A	1.5
8	☐			5811.31	0.0025	P	5.2

$$y = 9.0066\text{E-}004 * x + 8.4242\text{E-}005$$

R = 0.9999

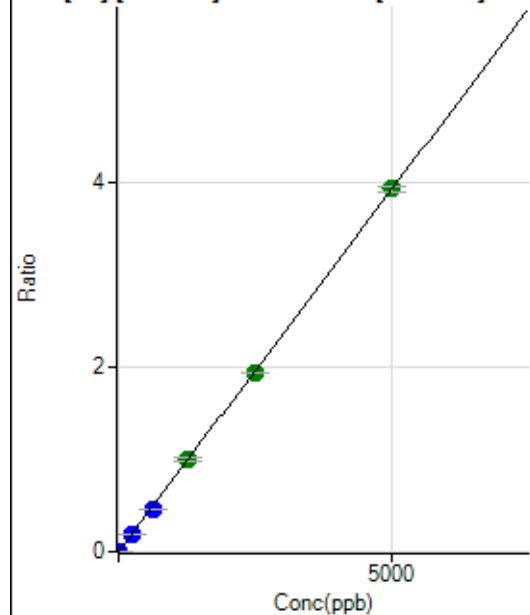
DL = 0.0337

BEC = 0.09353

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	223.34	0.0001	P	12.5
2	☐	1.000	0.842	2097.96	0.0007	P	3.4
3	☐	250.000	234.487	528897.17	0.1836	P	1.0
4	☐	625.000	592.256	1321496.33	0.4637	P	0.7
5	☐	1250.000	1274.913	2808677.08	0.9981	A	6.0
6	☐	2500.000	2468.551	5409537.84	1.9325	A	0.7
7	☐	5000.000	5014.365	10732766.58	3.9255	A	1.3
8	☐			4691.96	0.0020	P	4.4

$$y = 7.8283\text{E-}004 * x + 7.8546\text{E-}005$$

R = 0.9999

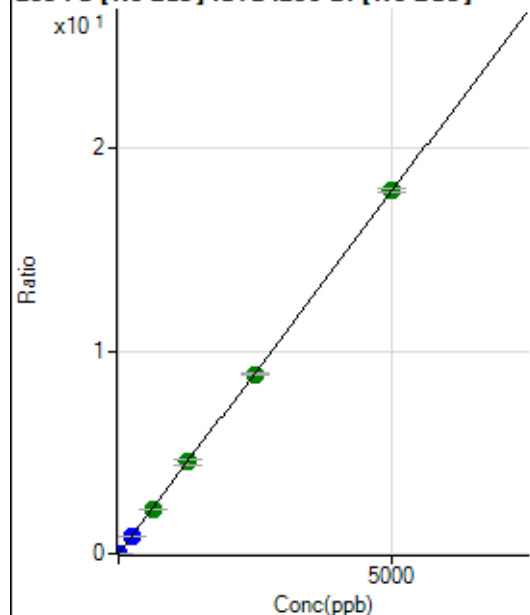
DL = 0.03762

BEC = 0.1003

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	1090.03	0.0004	P	3.7
2	☐	1.000	0.838	9592.53	0.0034	P	4.9
3	☐	250.000	236.371	2432229.01	0.8445	P	0.9
4	☐	625.000	608.459	6193475.91	2.1733	A	1.1
5	☐	1250.000	1263.769	12704771.20	4.5135	A	4.9
6	☐	2500.000	2480.511	24796437.41	8.8586	A	1.5
7	☐	5000.000	5009.051	48909899.62	17.8884	A	1.2
8	☐			22299.59	0.0095	P	2.9

$$y = 0.0036 * x + 3.8251E-004$$

$$R = 1.0000$$

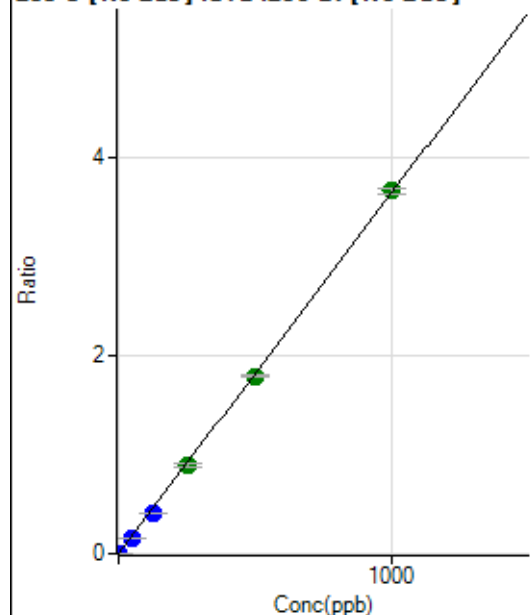
$$DL = 0.01201$$

$$BEC = 0.1071$$

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	10.00	0.0000	P	35.4
2	☐	1.000	0.814	8447.20	0.0030	P	7.0
3	☐	50.000	44.707	469809.24	0.1631	P	0.8
4	☐	125.000	113.392	1179016.72	0.4137	P	0.5
5	☐	250.000	247.361	2540620.14	0.9025	A	4.7
6	☐	500.000	492.847	5033583.22	1.7982	A	0.4
7	☐	1000.000	1005.952	10035402.84	3.6703	A	1.3
8	☐			3895.59	0.0017	P	27.4

$$y = 0.0036 * x + 3.5238E-006$$

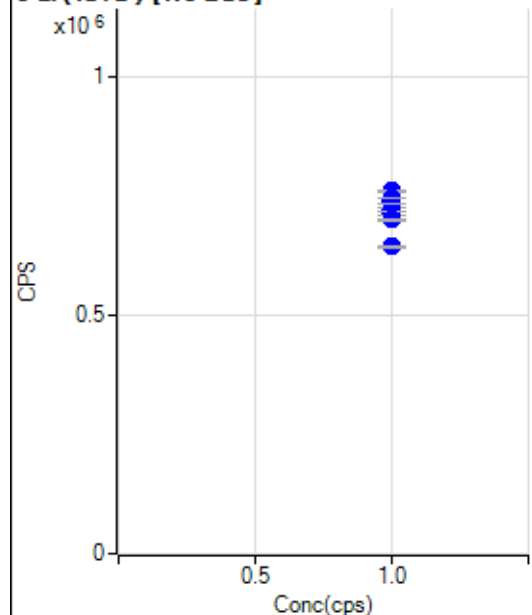
$$R = 0.9999$$

$$DL = 0.001025$$

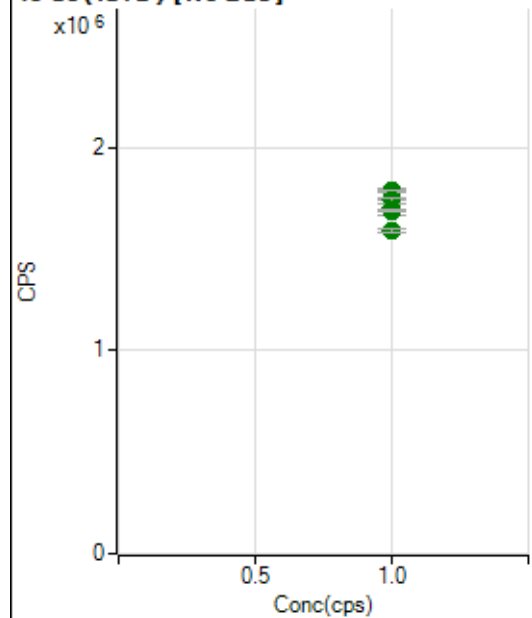
$$BEC = 0.0009658$$

Weight: <None>

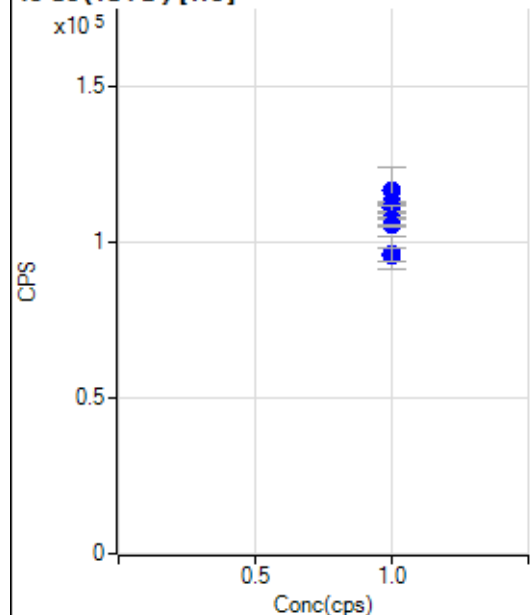
Min Conc: 0

6 Li (ISTD) [No Gas]

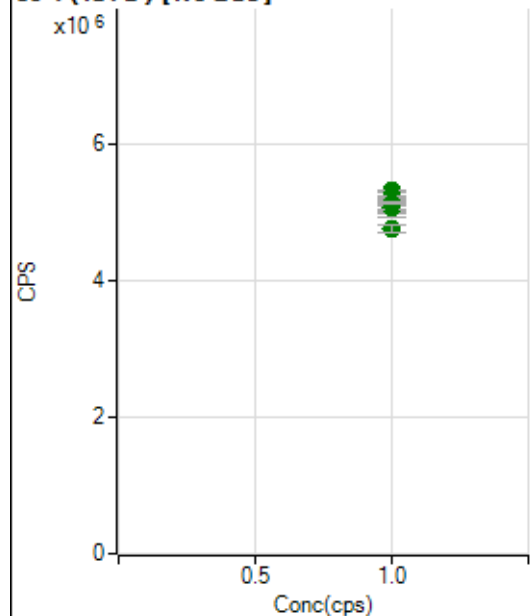
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		737101.73		P	3.0
2	☐	1.000		742043.84		P	4.1
3	☐	1.000		761791.51		P	0.3
4	☐	1.000		746188.22		P	0.0
5	☐	1.000		723336.50		P	3.0
6	☐	1.000		714575.85		P	0.6
7	☐	1.000		701270.31		P	0.4
8	☐	1.000		645423.80		P	0.8

45 Sc (ISTD) [No Gas]

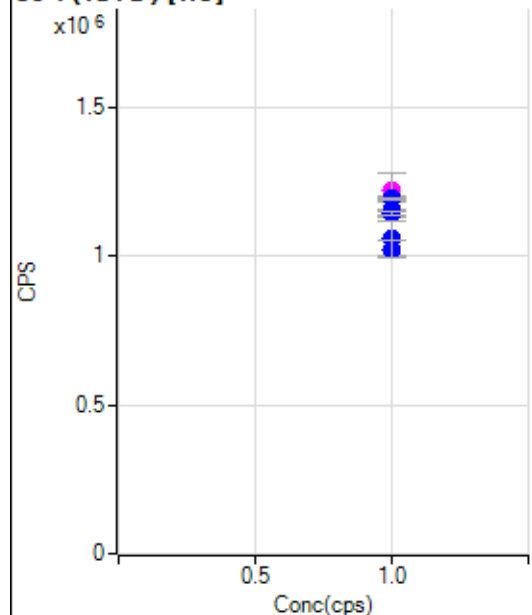
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1706476.68		A	4.5
2	☐	1.000		1741745.09		A	6.2
3	☐	1.000		1787585.34		A	0.8
4	☐	1.000		1739979.23		A	1.4
5	☐	1.000		1693769.38		A	3.1
6	☐	1.000		1695769.99		A	0.2
7	☐	1.000		1690646.95		A	0.5
8	☐	1.000		1589560.58		A	1.1

45 Sc (ISTD) [He]

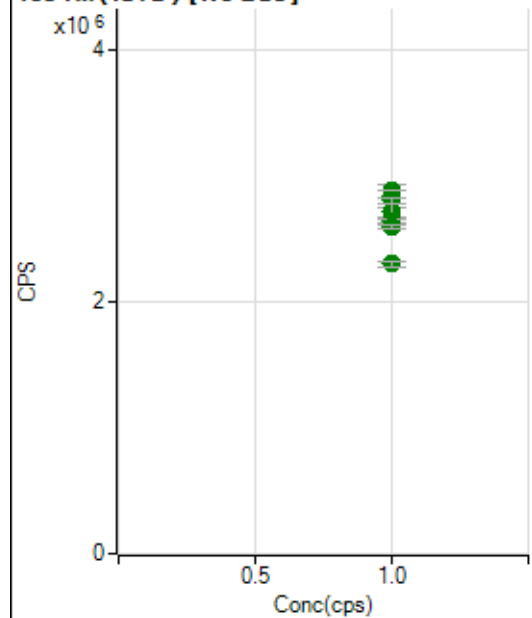
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		116675.75		P	12.6
2	☐	1.000		107894.69		P	4.1
3	☐	1.000		112899.81		P	1.0
4	☐	1.000		111125.79		P	1.5
5	☐	1.000		107750.61		P	0.5
6	☐	1.000		105583.28		P	0.3
7	☐	1.000		96669.43		P	11.1
8	☐	1.000		96097.81		P	4.9

89 Y (ISTD) [No Gas]

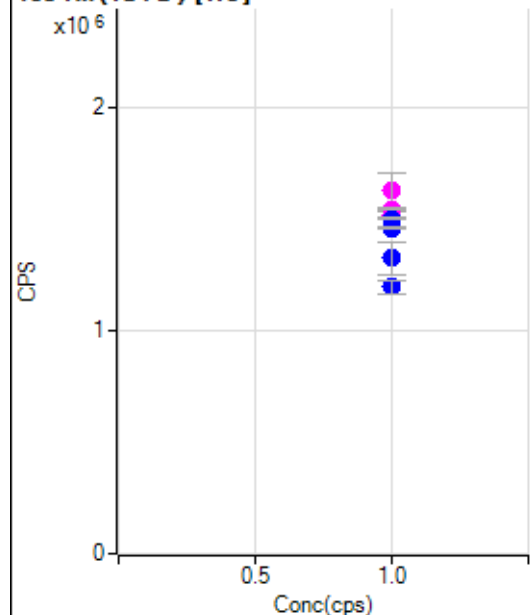
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5103476.87		A	3.6
2	☐	1.000		5072763.88		A	5.5
3	☐	1.000		5321255.27		A	0.4
4	☐	1.000		5236120.89		A	0.5
5	☐	1.000		5094168.50		A	4.4
6	☐	1.000		5083409.13		A	1.2
7	☐	1.000		5138553.33		A	0.6
8	☐	1.000		4763379.09		A	2.1

89 Y(ISTD) [He]

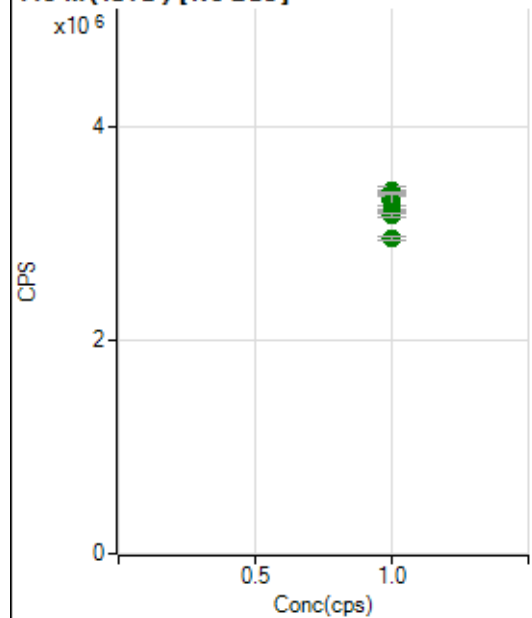
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1217926.70		M	10.3
2	☐	1.000		1157809.46		P	4.5
3	☐	1.000		1196585.25		P	0.7
4	☐	1.000		1191466.72		P	1.0
5	☐	1.000		1153883.68		P	0.6
6	☐	1.000		1140302.38		P	1.0
7	☐	1.000		1058160.24		P	10.9
8	☐	1.000		1021985.04		P	5.4

103 Rh(ISTD) [No Gas]

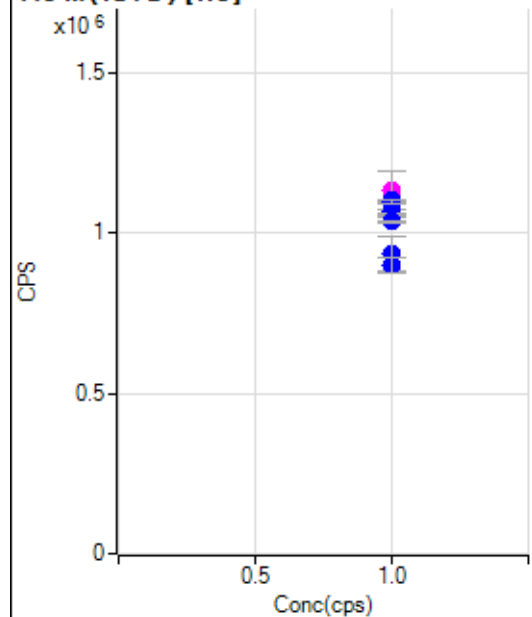
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2814761.97		A	4.9
2	☐	1.000		2837190.18		A	6.4
3	☐	1.000		2883123.01		A	0.1
4	☐	1.000		2805094.57		A	1.5
5	☐	1.000		2726645.01		A	3.7
6	☐	1.000		2643581.14		A	1.2
7	☐	1.000		2592174.30		A	1.0
8	☐	1.000		2299969.76		A	1.8

103 Rh (ISTD) [He]

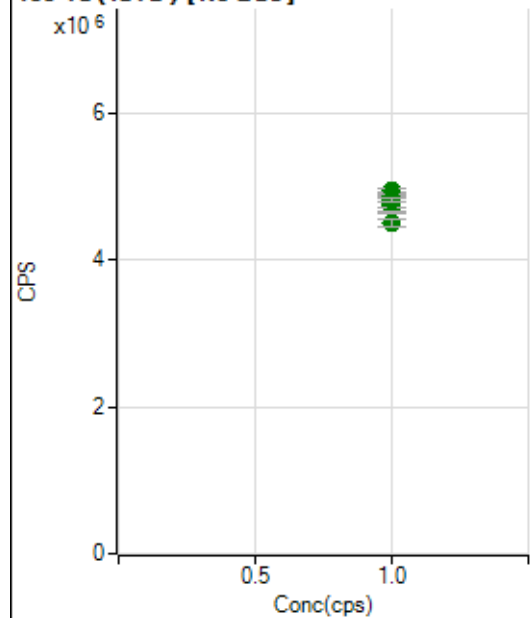
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1628377.79		M	10.0
2	☐	1.000		1523018.94		M	2.7
3	☐	1.000		1548388.92		A	1.2
4	☐	1.000		1547222.22		M	0.7
5	☐	1.000		1504859.96		P	0.4
6	☐	1.000		1461078.02		P	0.9
7	☐	1.000		1325950.27		P	11.3
8	☐	1.000		1195955.45		P	5.2

115 In (ISTD) [No Gas]

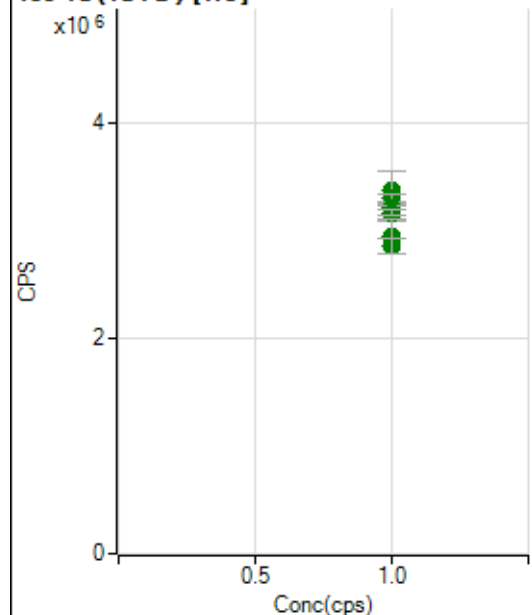
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3338343.83		A	4.3
2	☐	1.000		3318915.19		A	5.2
3	☐	1.000		3399912.21		A	2.2
4	☐	1.000		3368607.89		A	1.0
5	☐	1.000		3295317.27		A	4.9
6	☐	1.000		3201320.53		A	0.5
7	☐	1.000		3170572.93		A	0.9
8	☐	1.000		2948155.20		A	1.2

115 In (ISTD) [He]

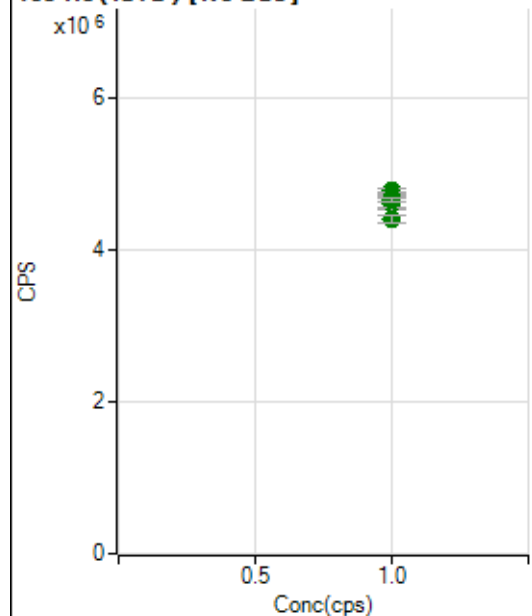
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1132531.43		M	10.7
2	☐	1.000		1070804.34		P	4.2
3	☐	1.000		1102446.35		P	0.4
4	☐	1.000		1098439.25		P	1.4
5	☐	1.000		1058710.20		P	0.4
6	☐	1.000		1035499.61		P	1.0
7	☐	1.000		935305.03		P	11.2
8	☐	1.000		900050.45		P	5.5

159 Tb (ISTD) [No Gas]

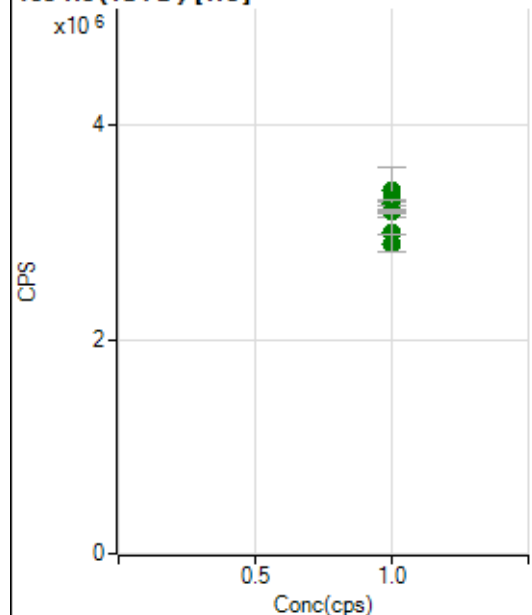
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4733055.69		A	4.2
2	☐	1.000		4751720.03		A	4.4
3	☐	1.000		4936041.35		A	1.0
4	☐	1.000		4894494.13		A	1.5
5	☐	1.000		4786989.48		A	3.0
6	☐	1.000		4857046.49		A	1.1
7	☐	1.000		4811324.55		A	0.7
8	☐	1.000		4510516.98		A	2.3

159 Tb (ISTD) [He]

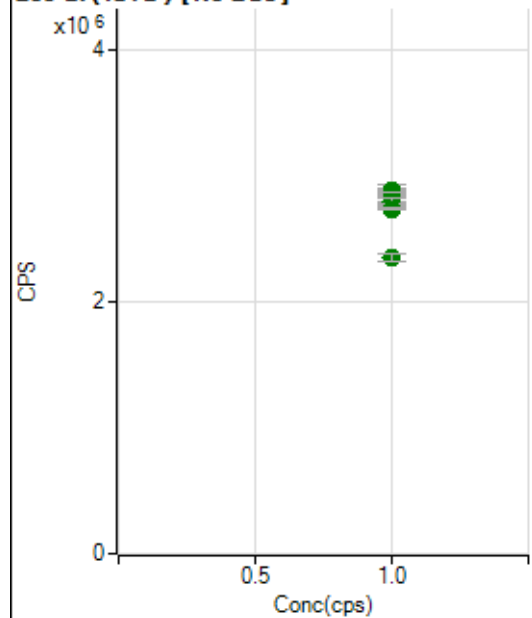
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3365639.53		A	10.5
2	☐	1.000		3161208.05		A	4.3
3	☐	1.000		3232886.17		A	0.6
4	☐	1.000		3297535.37		A	1.9
5	☐	1.000		3209058.08		A	1.3
6	☐	1.000		3162078.07		A	1.6
7	☐	1.000		2949772.77		A	11.0
8	☐	1.000		2855193.01		A	4.8

165 Ho (ISTD) [No Gas]

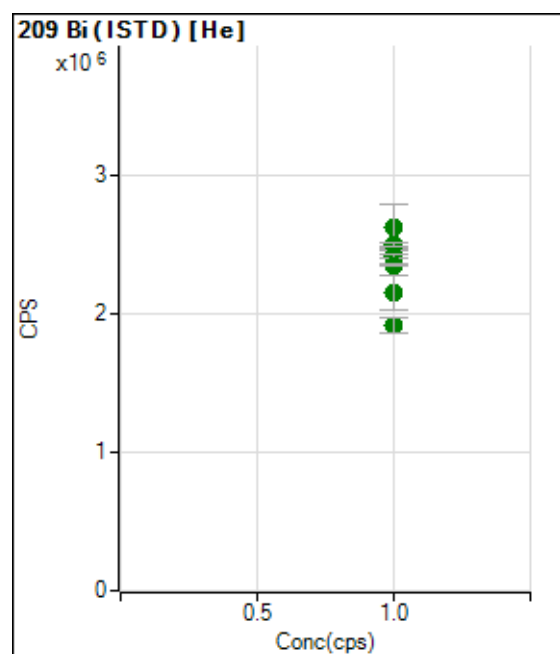
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4640912.64		A	4.6
2	☐	1.000		4598211.56		A	5.5
3	☐	1.000		4779723.09		A	1.0
4	☐	1.000		4746191.28		A	0.5
5	☐	1.000		4655635.69		A	4.4
6	☐	1.000		4683868.02		A	1.5
7	☐	1.000		4660782.67		A	1.1
8	☐	1.000		4410148.75		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3390761.16		A	12.8
2	☐	1.000		3196153.39		A	3.2
3	☐	1.000		3302715.50		A	0.7
4	☐	1.000		3269094.74		A	1.0
5	☐	1.000		3277584.15		A	1.8
6	☐	1.000		3207317.91		A	0.5
7	☐	1.000		3001361.29		A	11.9
8	☐	1.000		2901744.42		A	5.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2848774.68		A	3.9
2	☐	1.000		2847640.55		A	5.4
3	☐	1.000		2880193.39		A	0.7
4	☐	1.000		2849738.53		A	0.7
5	☐	1.000		2818603.80		A	4.1
6	☐	1.000		2799344.93		A	1.3
7	☐	1.000		2734294.37		A	0.6
8	☐	1.000		2349141.44		A	2.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2615619.73		A	12.7
2	☐	1.000		2413586.53		A	4.3
3	☐	1.000		2497605.20		A	1.1
4	☐	1.000		2492190.52		A	1.3
5	☐	1.000		2415684.95		A	1.1
6	☐	1.000		2348102.52		A	0.9
7	☐	1.000		2145706.03		A	11.7
8	☐	1.000		1915340.94		A	6.0