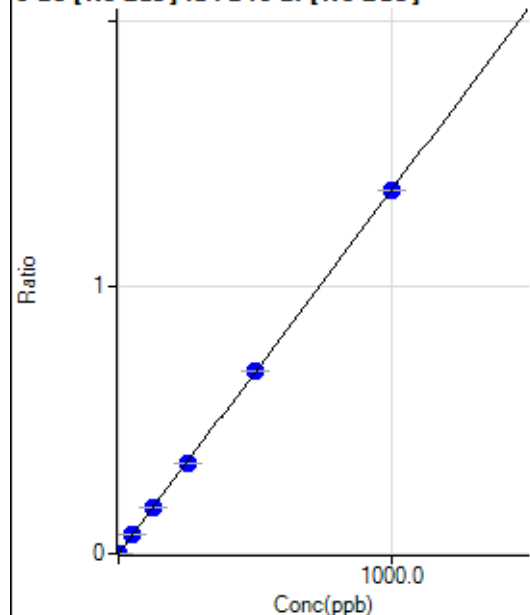


Batch Folder: D:\ICP-MS Data\P7021917.b\
Analysis File: P7021917.batch.bin
DA Date-Time: 2017-02-20 16:22:51
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-19 17:47:44
2			
3	004CALS.d	S02	2017-02-19 17:55:35
4	005CALS.d	S03	2017-02-19 17:59:29
5	006CALS.d	S04	2017-02-19 18:03:24
6	007CALS.d	S05	2017-02-19 18:07:15
7	008CALS.d	S06	2017-02-19 18:11:04
8	009CALS.d	S07	2017-02-19 18:14:49
9	010CALS.d	S08	2017-02-19 18:18:29

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.97	0.0001	P	31.2
2	☐	0.100					
3	☐	1.000	0.962	800.04	0.0014	P	5.5
4	☐	50.000	51.169	39310.65	0.0699	P	1.8
5	☐	125.000	127.235	98048.10	0.1735	P	1.5
6	☐	250.000	249.862	194250.93	0.3407	P	0.7
7	☐	500.000	503.056	380533.64	0.6857	P	0.8
8	☐	1000.000	998.169	746263.96	1.3606	P	0.1
9	☐			162.97	0.0003	P	20.6

$$y = 0.0014 * x + 1.1336E-004$$

$$R = 1.0000$$

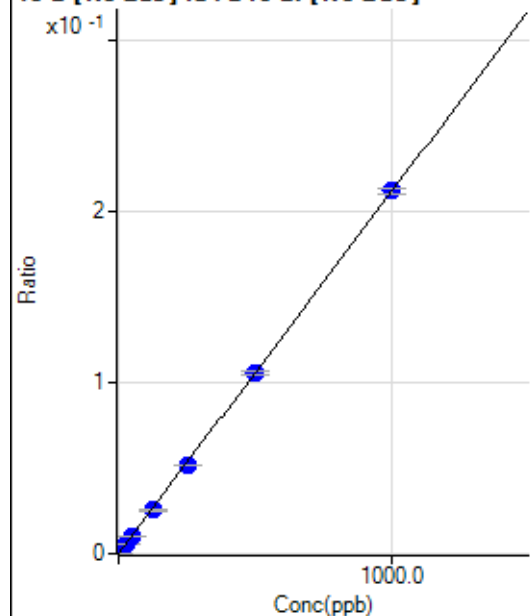
$$DL = 0.0778$$

$$BEC = 0.08317$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0001	P	79.1
2	☐	2.500					
3	☐	25.000	24.780	2975.42	0.0053	P	8.2
4	☐	50.000	46.936	5617.94	0.0100	P	2.9
5	☐	125.000	121.174	14510.26	0.0257	P	3.7
6	☐	250.000	243.063	29337.54	0.0515	P	0.8
7	☐	500.000	500.448	58753.59	0.1059	P	2.0
8	☐	1000.000	1002.147	116258.10	0.2120	P	1.3
9	☐			3392.19	0.0066	P	15.3

$$y = 2.1145E-004 * x + 5.5129E-005$$

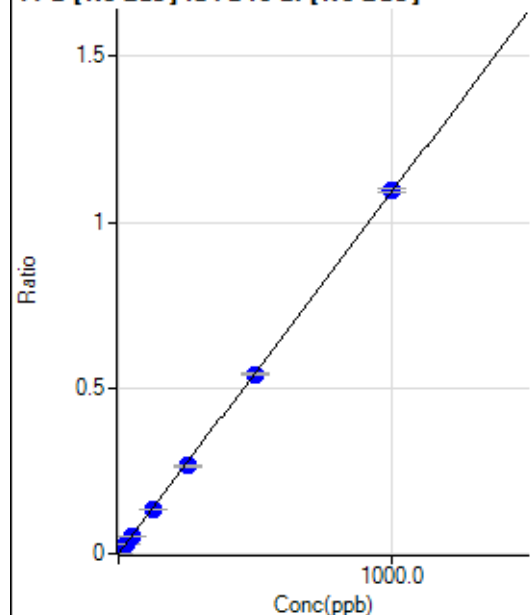
$$R = 1.0000$$

$$DL = 0.619$$

$$BEC = 0.2607$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.89	0.0003	P	2.7
2	☐	2.500					
3	☐	25.000	24.573	15208.16	0.0271	P	0.8
4	☐	50.000	48.899	30150.55	0.0536	P	2.8
5	☐	125.000	121.482	74958.58	0.1327	P	1.6
6	☐	250.000	242.902	151092.02	0.2650	P	1.1
7	☐	500.000	497.074	300731.51	0.5419	P	1.3
8	☐	1000.000	1003.743	600052.37	1.0940	P	1.2
9	☐			17444.07	0.0341	P	9.8

$$y = 0.0011 * x + 2.9502E-004$$

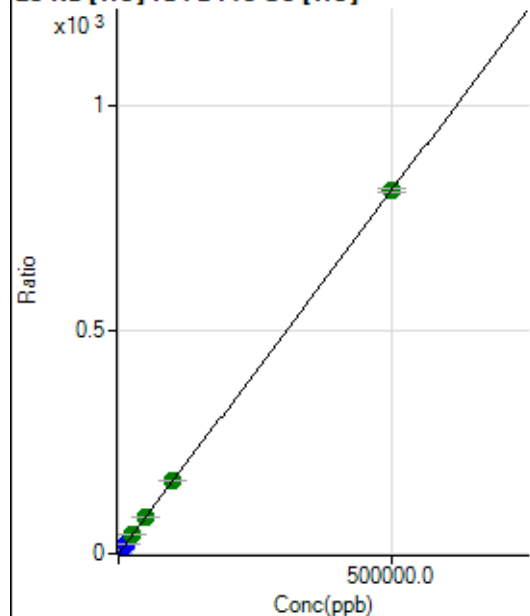
$$R = 1.0000$$

$$DL = 0.0216$$

$$BEC = 0.2708$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6418.25	0.0455	P	1.3
2	☐	50.000					
3	☐	500.000	512.557	125268.80	0.8761	P	1.2
4	☐	5000.000	5238.358	1213461.42	8.5345	P	0.5
5	☐	12500.000	13069.871	2977532.68	21.2258	P	0.6
6	☐	25000.000	25664.487	5890364.72	41.6360	A	1.4
7	☐	50000.000	51267.159	11677371.44	83.1263	A	0.8
8	☐	100000.00	100437.23	23039678.29	162.8088	A	0.5
9	☐	500000.00	499735.96	110645173.3	809.8915	A	1.1

$$y = 0.0016 * x + 0.0455$$

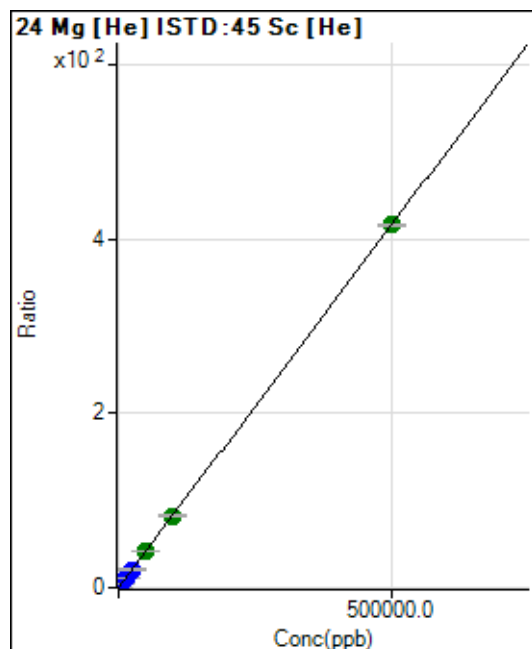
$$R = 1.0000$$

$$DL = 1.096$$

$$BEC = 28.05$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0014	P	17.2
2	☐	50.000					
3	☐	500.000	512.328	61250.46	0.4284	P	0.9
4	☐	5000.000	5171.477	613009.62	4.3114	P	0.8
5	☐	12500.000	12912.660	1509820.66	10.7630	P	0.3
6	☐	25000.000	25119.471	2961894.92	20.9364	P	1.0
7	☐	50000.000	50652.164	5930338.54	42.2158	A	0.7
8	☐	100000.00	99302.146	11711781.08	82.7615	A	0.4
9	☐	500000.00	500056.33	56937299.19	416.7570	A	0.8

$$y = 8.3342\text{E-}004 * x + 0.0014$$

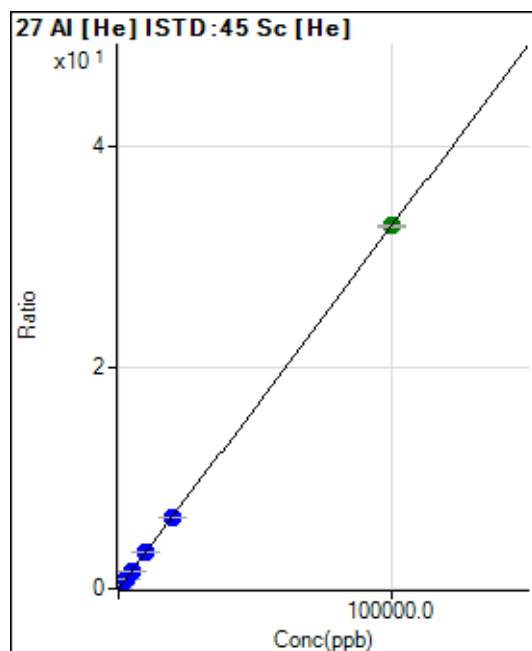
$$R = 1.0000$$

$$DL = 0.8515$$

$$BEC = 1.652$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0003	P	27.2
2	☐	2.000					
3	☐	20.000	20.022	986.19	0.0069	P	3.4
4	☐	1000.000	984.589	45932.64	0.3230	P	0.9
5	☐	2500.000	2507.881	115352.94	0.8223	P	0.2
6	☐	5000.000	4975.678	230766.90	1.6312	P	1.2
7	☐	10000.000	9881.464	455012.28	3.2391	P	0.7
8	☐	20000.000	19614.396	909801.43	6.4291	P	0.2
9	☐	100000.00	100090.14	4481971.72	32.8057	A	0.6

$$y = 3.2776\text{E-}004 * x + 3.3465\text{E-}004$$

$$R = 1.0000$$

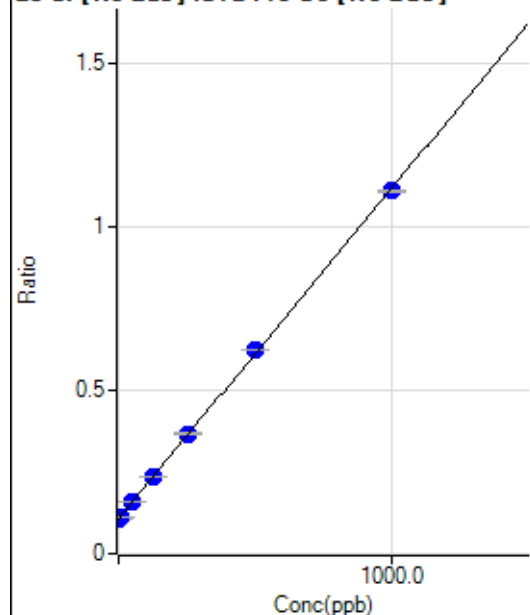
$$DL = 0.8338$$

$$BEC = 1.021$$

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	357122.77	0.1077	P	0.6
2	☐	1.000					
3	☐	10.000	4.904	375737.95	0.1127	P	0.3
4	☐	50.000	50.928	528394.91	0.1593	P	0.9
5	☐	125.000	127.737	785761.88	0.2370	P	0.8
6	☐	250.000	257.480	1212300.90	0.3682	P	0.6
7	☐	500.000	510.462	2046931.66	0.6242	P	0.1
8	☐	1000.000	992.562	3633484.41	1.1119	P	0.7
9	☐			406080.41	0.1298	P	0.9

$$y = 0.0010 * x + 0.1077$$

$$R = 0.9999$$

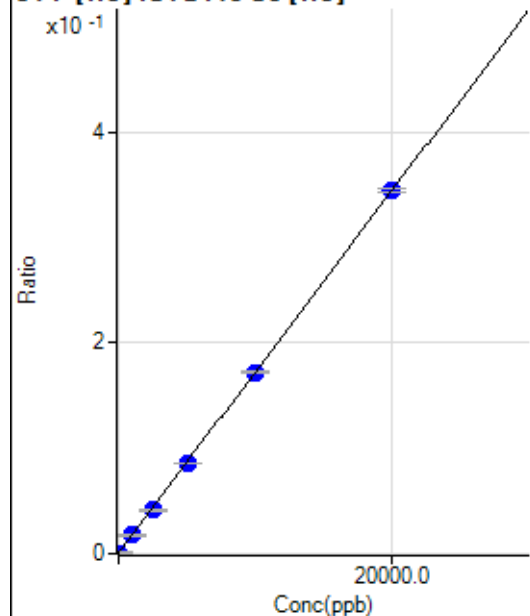
$$DL = 1.845$$

$$BEC = 106.5$$

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	-14.566	55.56	0.0004	P	31.1
2	☐	0.000					
3	☐	0.000	14.566	127.78	0.0009	P	39.8
4	☐	1000.000	1005.939	2547.54	0.0179	P	7.6
5	☐	2500.000	2383.335	5831.96	0.0416	P	5.6
6	☐	5000.000	4959.034	12138.73	0.0858	P	1.5
7	☐	10000.000	10006.503	24231.38	0.1725	P	0.4
8	☐	20000.000	20021.276	48744.45	0.3445	P	1.2
9	☐			63.89	0.0005	P	52.6

$$y = 1.7173E-005 * x + 6.4356E-004$$

$$R = 1.0000$$

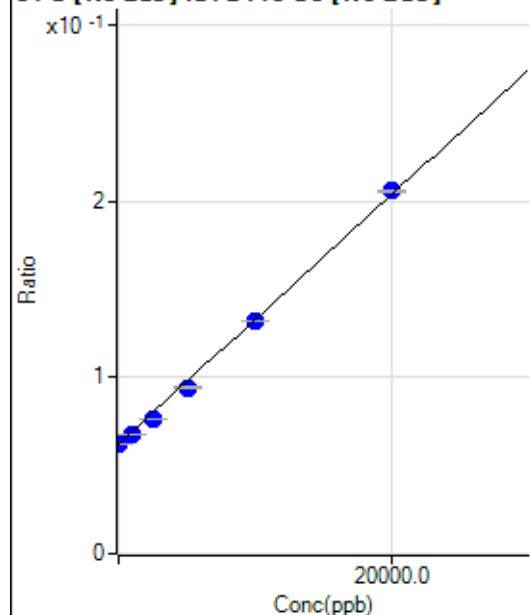
$$DL = 41.75$$

$$BEC = 37.48$$

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	1.931	206705.80	0.0624	P	1.2
2	☐	0.000					
3	☐	0.000	-1.931	207808.91	0.0623	P	0.2
4	☐	1000.000	812.591	225899.81	0.0681	P	0.2
5	☐	2500.000	1997.926	253540.40	0.0765	P	1.0
6	☐	5000.000	4464.933	309142.26	0.0939	P	1.2
7	☐	10000.000	9832.608	432362.17	0.1318	P	0.5
8	☐	20000.000	20289.592	672358.71	0.2058	P	0.6
9	☐			193483.87	0.0618	P	1.6

$$y = 7.0686\text{E-}006 * x + 0.0623$$

$$R = 0.9994$$

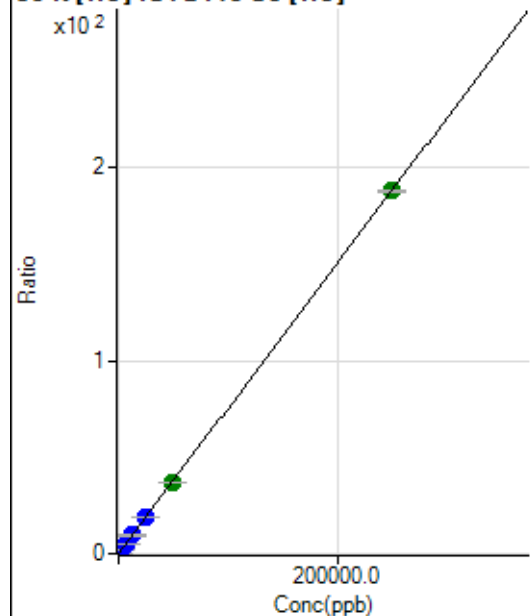
$$DL = 186.3$$

$$BEC = 8819$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10529.07	0.0746	P	2.2
2	☐	50.000					
3	☐	500.000	494.330	63720.64	0.4456	P	1.4
4	☐	2500.000	2529.763	280595.33	1.9735	P	0.6
5	☐	6250.000	6343.894	678456.99	4.8365	P	0.8
6	☐	12500.000	12519.223	1340000.74	9.4718	P	0.9
7	☐	25000.000	24799.088	2625502.34	18.6894	P	0.3
8	☐	50000.000	49404.877	5258449.38	37.1591	A	0.3
9	☐	250000.00	250135.52	25661870.89	187.8324	A	0.7

$$y = 7.5062\text{E-}004 * x + 0.0746$$

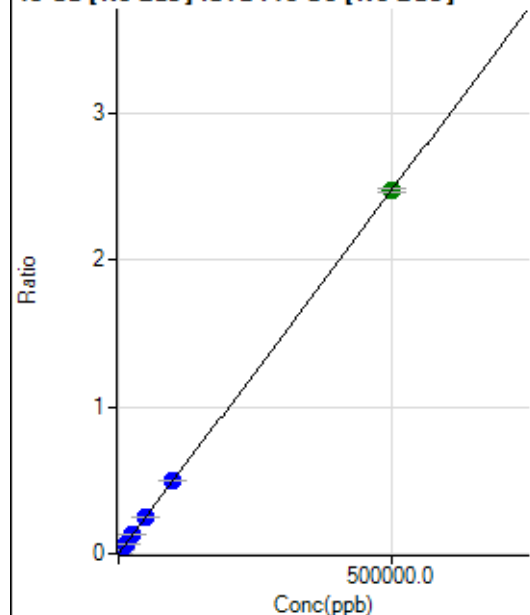
$$R = 1.0000$$

$$DL = 6.592$$

$$BEC = 99.36$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0001	P	16.1
2	☐	50.000					
3	☐	500.000	500.227	8416.59	0.0025	P	1.9
4	☐	5000.000	5116.709	84002.18	0.0253	P	0.8
5	☐	12500.000	12728.965	208579.64	0.0629	P	0.9
6	☐	25000.000	25773.943	419142.04	0.1273	P	0.2
7	☐	50000.000	51046.360	826709.00	0.2521	P	0.2
8	☐	100000.00	101630.17	1639924.37	0.5018	P	0.3
9	☐	500000.00	499523.74	7716175.34	2.4664	A	0.9

$$y = 4.9375E-006 * x + 5.4461E-005$$

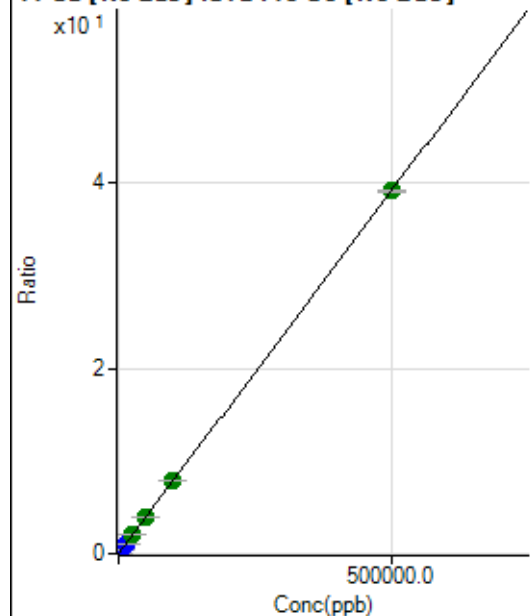
$$R = 1.0000$$

$$DL = 5.318$$

$$BEC = 11.03$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6576.73	0.0020	P	0.4
2	☐	50.000					
3	☐	500.000	504.022	138394.18	0.0415	P	0.3
4	☐	5000.000	5116.236	1337700.78	0.4032	P	0.9
5	☐	12500.000	12589.043	3280047.27	0.9892	P	0.3
6	☐	25000.000	25366.025	6555212.13	1.9911	A	0.5
7	☐	50000.000	50620.332	13023828.42	3.9715	A	0.9
8	☐	100000.00	100482.71	25753956.48	7.8815	A	1.0
9	☐	500000.00	499819.72	122627712.4	39.1961	A	0.5

$$y = 7.8416E-005 * x + 0.0020$$

$$R = 1.0000$$

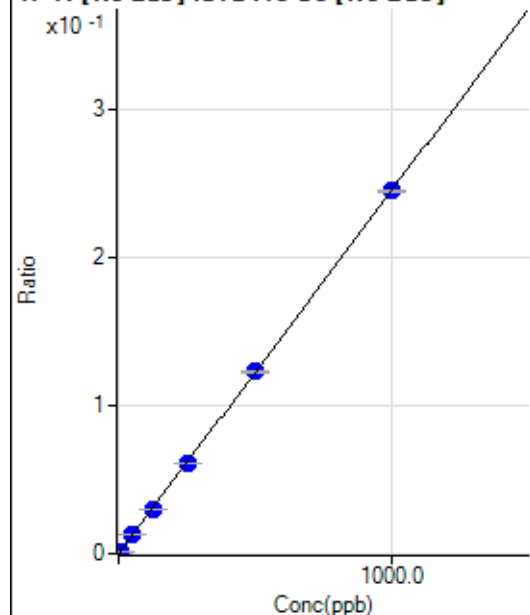
$$DL = 0.29$$

$$BEC = 25.3$$

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	158.34	0.0000	P	15.7
2	☐	0.500					
3	☐	5.000	4.638	3953.48	0.0012	P	4.2
4	☐	50.000	50.644	41389.52	0.0125	P	0.2
5	☐	125.000	123.977	101030.44	0.0305	P	0.3
6	☐	250.000	249.902	202033.26	0.0614	P	0.5
7	☐	500.000	500.920	403228.97	0.1230	P	0.9
8	☐	1000.000	999.662	801697.23	0.2453	P	0.3
9	☐			700.05	0.0002	P	5.7

$$y = 2.4537E-004 * x + 4.7758E-005$$

$$R = 1.0000$$

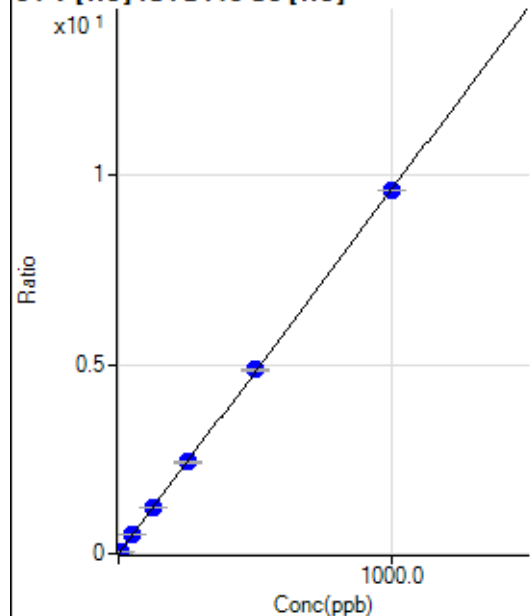
$$DL = 0.09139$$

$$BEC = 0.1946$$

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	23.33	0.0002	P	14.2
2	☐	0.500					
3	☐	5.000	4.993	6887.25	0.0482	P	1.3
4	☐	50.000	50.468	69003.71	0.4853	P	0.7
5	☐	125.000	127.150	171483.04	1.2224	P	0.4
6	☐	250.000	251.810	342474.12	2.4208	P	0.8
7	☐	500.000	504.628	681479.42	4.8511	P	0.4
8	☐	1000.000	996.941	1356209.53	9.5836	P	0.1
9	☐			251.12	0.0018	P	12.7

$$y = 0.0096 * x + 1.6527E-004$$

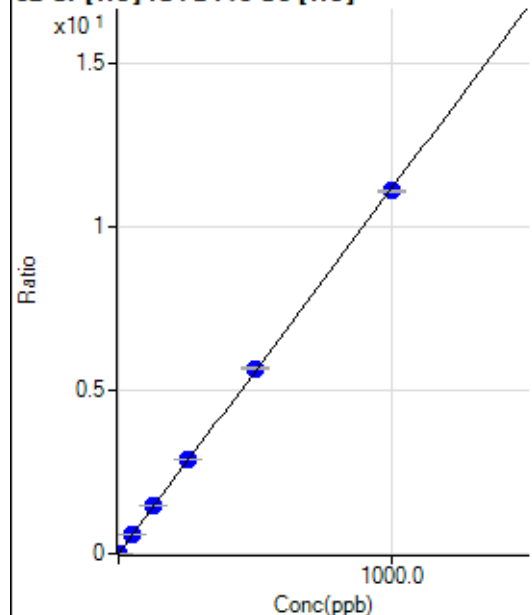
$$R = 1.0000$$

$$DL = 0.007344$$

$$BEC = 0.01719$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	517.79	0.0037	P	6.6
2	☐	0.200					
3	☐	2.000	2.074	3835.00	0.0268	P	3.4
4	☐	50.000	51.626	82457.75	0.5799	P	0.1
5	☐	125.000	129.641	203508.44	1.4507	P	0.6
6	☐	250.000	255.908	404645.36	2.8602	P	0.3
7	☐	500.000	507.764	796706.59	5.6714	P	0.6
8	☐	1000.000	993.980	1570581.76	11.0987	P	0.6
9	☐			11173.26	0.0818	P	2.9

$$y = 0.0112 * x + 0.0037$$

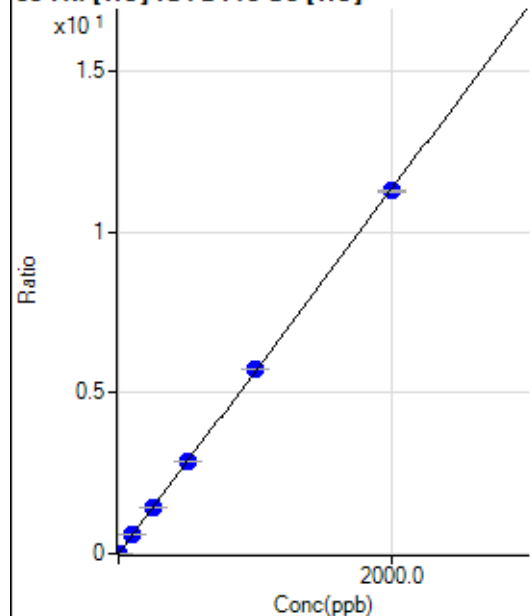
$$R = 0.9999$$

$$DL = 0.06472$$

$$BEC = 0.3286$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.45	0.0005	P	22.8
2	☐	0.100					
3	☐	1.000	1.054	928.93	0.0065	P	2.5
4	☐	100.000	102.814	82902.72	0.5830	P	0.3
5	☐	250.000	257.191	204486.64	1.4577	P	0.6
6	☐	500.000	507.972	407251.61	2.8786	P	0.8
7	☐	1000.000	1012.918	806305.59	5.7395	P	0.1
8	☐	2000.000	1990.508	1596001.43	11.2783	P	0.5
9	☐			5128.74	0.0375	P	2.3

$$y = 0.0057 * x + 5.2715E-004$$

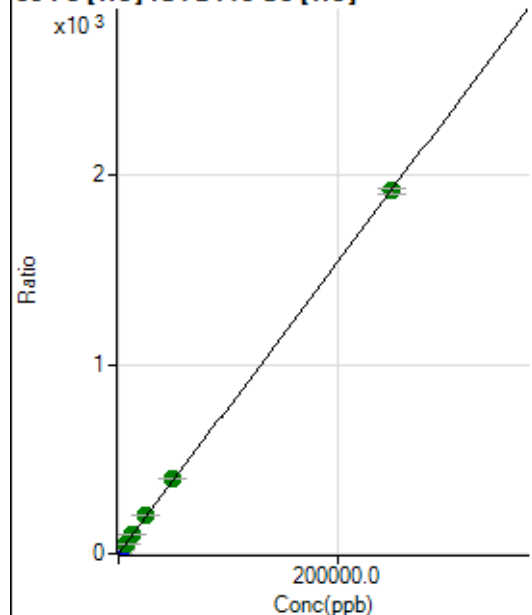
$$R = 1.0000$$

$$DL = 0.06359$$

$$BEC = 0.09304$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1852.02	0.0131	P	2.8
2	☐	5.000					
3	☐	50.000	55.874	63208.16	0.4420	P	0.3
4	☐	2500.000	2749.111	3002507.59	21.1170	P	0.5
5	☐	6250.000	6720.537	7238944.26	51.6041	A	0.9
6	☐	12500.000	13247.718	14389379.72	101.7108	A	0.6
7	☐	25000.000	26226.420	28283627.95	201.3434	A	0.9
8	☐	50000.000	51567.414	56020402.18	395.8765	A	0.6
9	☐	250000.00	249512.23	261678683.6	1,915.423	A	1.3

$$y = 0.0077 * x + 0.0131$$

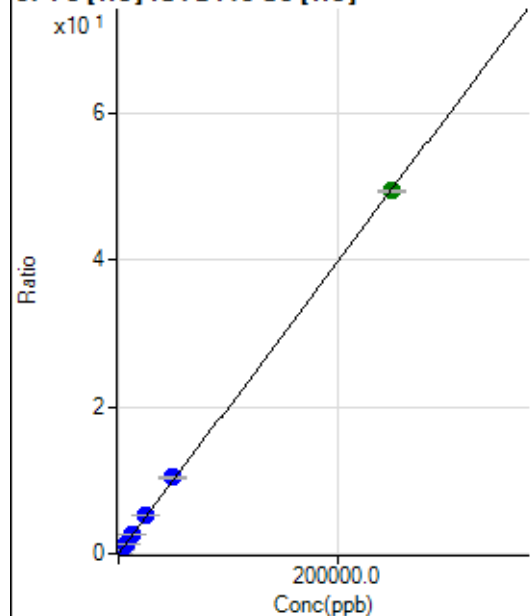
$$R = 1.0000$$

$$DL = 0.142$$

$$BEC = 1.709$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.15	0.0003	P	78.5
2	☐	5.000					
3	☐	50.000	55.010	1609.39	0.0113	P	5.0
4	☐	2500.000	2727.744	77004.97	0.5416	P	0.5
5	☐	6250.000	6768.998	188452.69	1.3434	P	0.2
6	☐	12500.000	13394.924	376051.83	2.6581	P	0.9
7	☐	25000.000	26669.021	743403.57	5.2919	P	0.5
8	☐	50000.000	52310.841	1468825.05	10.3796	P	0.6
9	☐	250000.00	249310.93	6758445.17	49.4675	A	0.4

$$y = 1.9842E-004 * x + 3.4128E-004$$

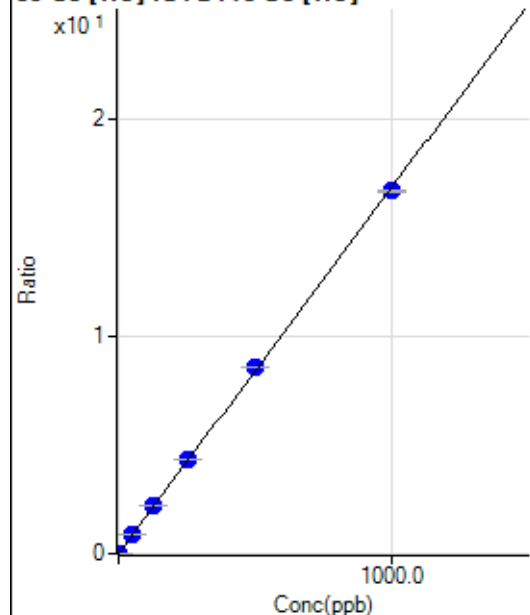
$$R = 0.9999$$

$$DL = 4.05$$

$$BEC = 1.72$$

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	162.23	0.0011	P	10.8
2	☐	0.100					
3	☐	1.000	1.029	2636.95	0.0184	P	2.6
4	☐	50.000	52.419	125406.75	0.8820	P	0.6
5	☐	125.000	131.581	310335.92	2.2123	P	0.2
6	☐	250.000	258.716	615235.11	4.3487	P	0.4
7	☐	500.000	510.642	1205606.56	8.5822	P	0.5
8	☐	1000.000	991.557	2358116.86	16.6636	P	0.2
9	☐			1483.43	0.0109	P	1.8

$$y = 0.0168 * x + 0.0011$$

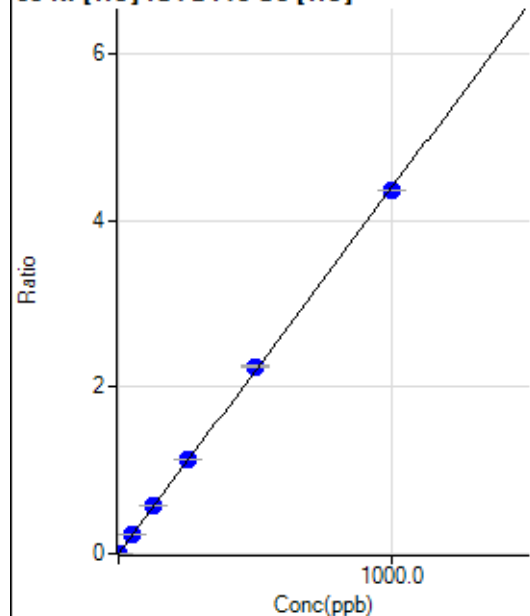
$$R = 0.9999$$

$$DL = 0.02216$$

$$BEC = 0.06839$$

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	57.78	0.0004	P	18.4
2	☐	0.100					
3	☐	1.000	0.982	674.47	0.0047	P	3.8
4	☐	50.000	52.295	32662.00	0.2297	P	1.2
5	☐	125.000	131.505	80946.20	0.5770	P	1.1
6	☐	250.000	256.358	159086.64	1.1245	P	0.7
7	☐	500.000	510.726	314642.54	2.2399	P	1.0
8	☐	1000.000	992.120	615686.94	4.3507	P	0.2
9	☐			2432.46	0.0178	P	2.8

$$y = 0.0044 * x + 4.0917E-004$$

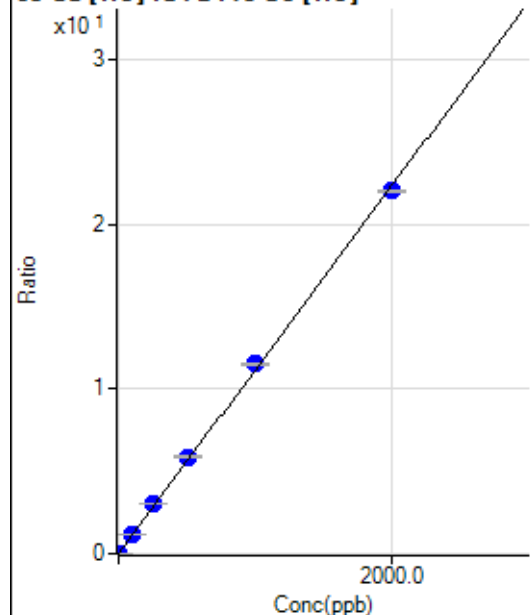
$$R = 0.9999$$

$$DL = 0.05145$$

$$BEC = 0.09332$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0016	P	13.3
2	☐	0.200					
3	☐	2.000	2.097	3573.82	0.0250	P	0.9
4	☐	100.000	108.387	172377.86	1.2123	P	0.5
5	☐	250.000	268.663	421220.04	3.0027	P	0.7
6	☐	500.000	527.092	833205.84	5.8896	P	0.9
7	☐	1000.000	1031.876	1619498.33	11.5284	P	0.5
8	☐	2000.000	1974.537	3121541.97	22.0586	P	0.4
9	☐			4573.00	0.0335	P	2.4

$$y = 0.0112 * x + 0.0016$$

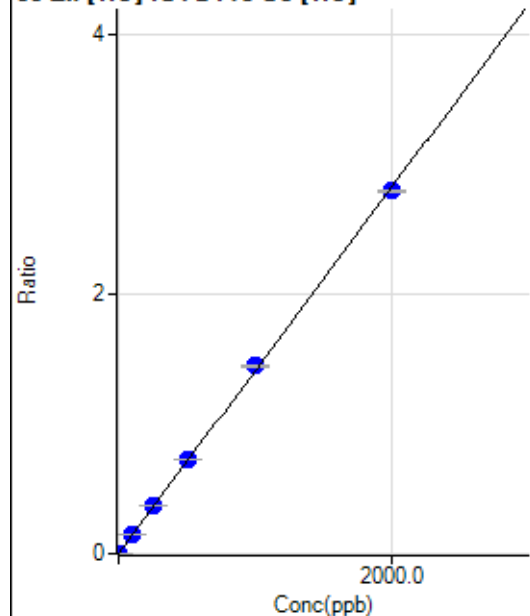
$$R = 0.9997$$

$$DL = 0.05631$$

$$BEC = 0.1409$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0010	P	12.6
2	☐	0.200					
3	☐	2.000	1.973	545.58	0.0038	P	8.0
4	☐	100.000	104.552	21068.71	0.1482	P	1.0
5	☐	250.000	262.528	51971.05	0.3705	P	0.9
6	☐	500.000	515.406	102762.42	0.7264	P	0.7
7	☐	1000.000	1025.007	202788.53	1.4435	P	0.7
8	☐	2000.000	1981.852	394828.28	2.7900	P	0.2
9	☐			3313.77	0.0243	P	3.1

$$y = 0.0014 * x + 0.0010$$

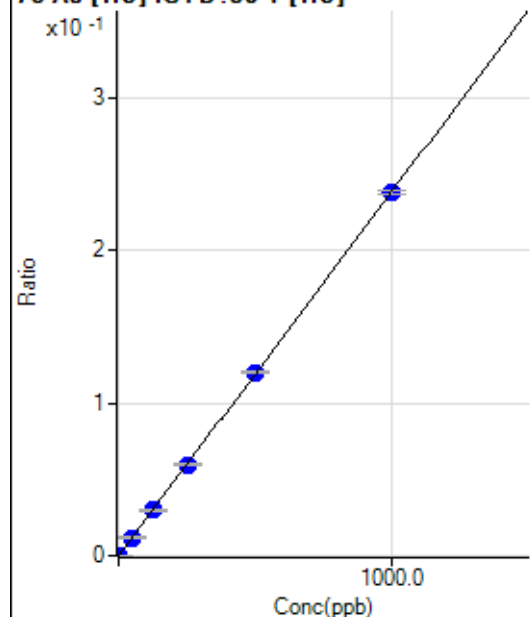
$$R = 0.9998$$

$$DL = 0.2781$$

$$BEC = 0.7382$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.35	0.0000	P	74.0
2	☐	0.100					
3	☐	1.000	1.092	183.95	0.0003	P	9.1
4	☐	50.000	50.108	7842.92	0.0120	P	1.5
5	☐	125.000	124.256	19364.82	0.0296	P	0.5
6	☐	250.000	250.979	39138.89	0.0598	P	0.2
7	☐	500.000	503.845	78566.65	0.1201	P	1.1
8	☐	1000.000	997.920	157109.80	0.2378	P	1.0
9	☐			214.82	0.0003	P	3.6

$$y = 2.3823\text{E-}004 * x + 1.8791\text{E-}005$$

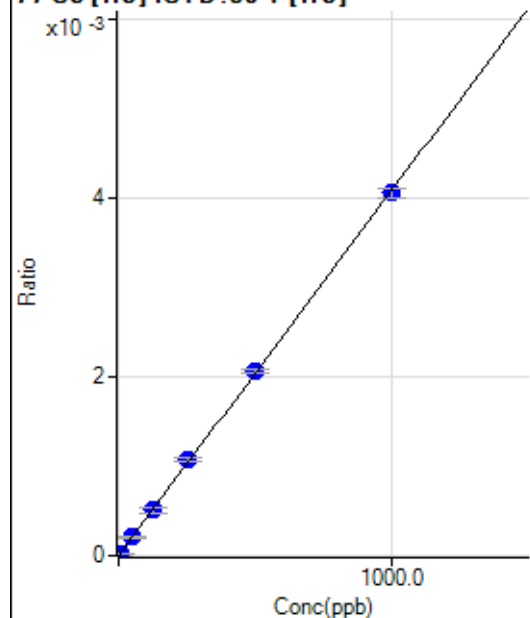
$$R = 1.0000$$

$$DL = 0.1752$$

$$BEC = 0.07888$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.535	13.33	0.0000	P	49.7
4	☐	50.000	50.620	136.67	0.0002	P	15.4
5	☐	125.000	125.691	336.67	0.0005	P	12.4
6	☐	250.000	262.856	703.36	0.0011	P	4.8
7	☐	500.000	505.653	1352.31	0.0021	P	1.9
8	☐	1000.000	993.844	2682.51	0.0041	P	2.9
9	☐			4.44	0.0000	P	43.7

$$y = 4.0831\text{E-}006 * x + 1.6898\text{E-}006$$

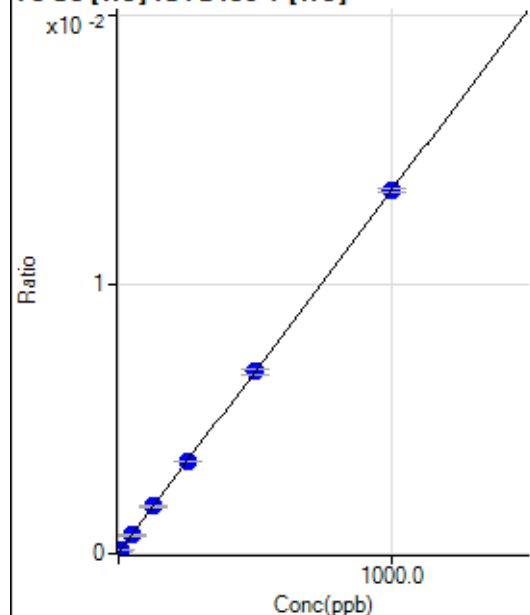
$$R = 0.9999$$

$$DL = 2.15$$

$$BEC = 0.4139$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.95	0.0001	P	17.4
2	☐	0.500					
3	☐	5.000	5.351	81.48	0.0001	P	4.1
4	☐	50.000	48.006	457.42	0.0007	P	5.7
5	☐	125.000	126.813	1148.82	0.0018	P	1.2
6	☐	250.000	251.750	2249.58	0.0034	P	1.1
7	☐	500.000	499.618	4431.57	0.0068	P	2.8
8	☐	1000.000	999.625	8918.24	0.0135	P	1.2
9	☐			48.76	0.0001	P	11.6

$$y = 1.3449\text{E-}005 * x + 5.1638\text{E-}005$$

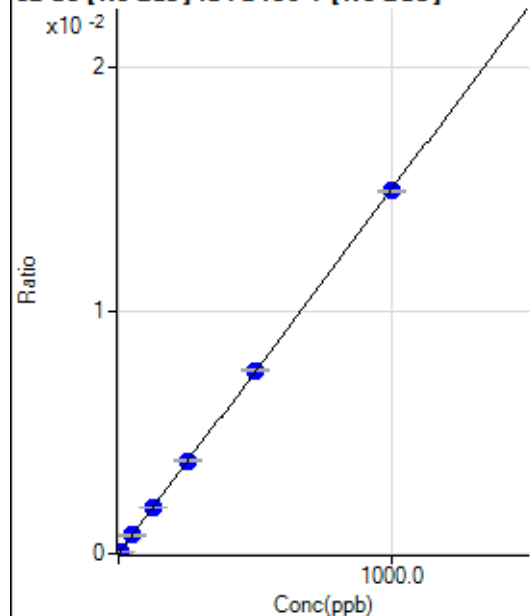
$$R = 1.0000$$

$$DL = 2.007$$

$$BEC = 3.839$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-49.68	0.0000	P	-208.
2	☐	0.500					
3	☐	5.000	5.122	303.06	0.0001	P	18.1
4	☐	50.000	50.393	3382.23	0.0007	P	2.3
5	☐	125.000	125.688	8426.99	0.0019	P	1.3
6	☐	250.000	254.905	17049.01	0.0038	P	1.1
7	☐	500.000	504.228	33820.11	0.0076	P	0.8
8	☐	1000.000	996.553	67043.33	0.0149	P	0.6
9	☐			159.18	0.0000	P	34.4

$$y = 1.5007\text{E-}005 * x - 1.0885\text{E-}005$$

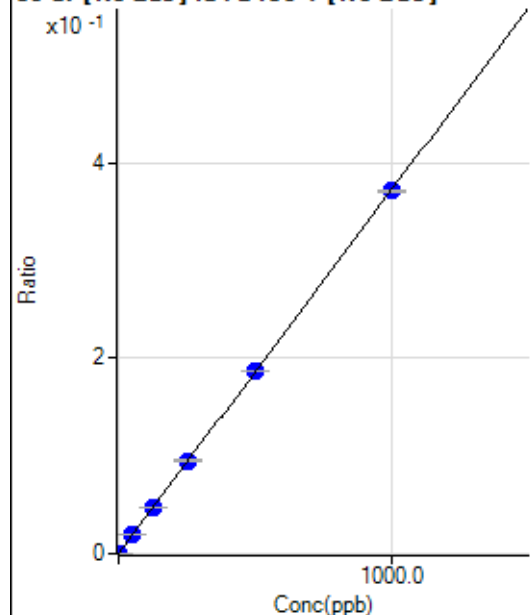
$$R = 1.0000$$

$$DL = 4.531$$

$$BEC = -0.7253$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	891.73	0.0002	P	5.8
2	☐	0.100					
3	☐	1.000	0.912	2450.31	0.0005	P	7.8
4	☐	50.000	50.561	86256.54	0.0190	P	0.4
5	☐	125.000	126.770	212860.37	0.0474	P	0.9
6	☐	250.000	254.585	424298.17	0.0949	P	1.6
7	☐	500.000	502.191	837325.01	0.1871	P	0.5
8	☐	1000.000	997.509	1666162.32	0.3714	P	0.4
9	☐			47777.47	0.0113	P	2.1

$$y = 3.7213\text{E-}004 * x + 1.9430\text{E-}004$$

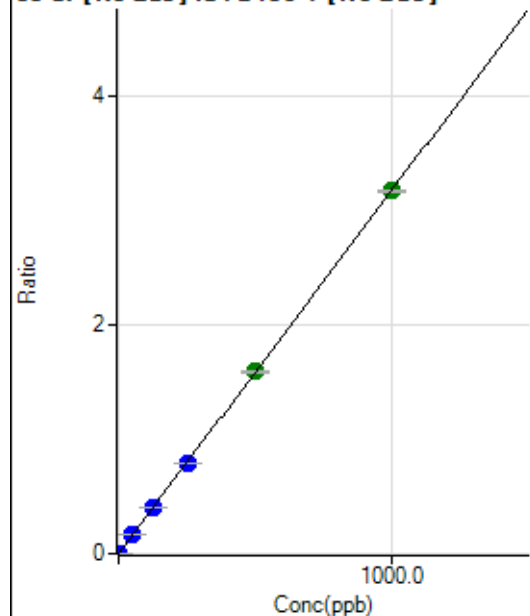
$$R = 1.0000$$

$$DL = 0.09081$$

$$BEC = 0.5221$$

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	205.57	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	0.929	13732.04	0.0030	P	1.9
4	☐	50.000	50.957	733480.27	0.1616	P	0.5
5	☐	125.000	126.025	1796164.25	0.3997	P	0.1
6	☐	250.000	248.259	3519189.71	0.7874	P	0.5
7	☐	500.000	501.367	7116870.99	1.5900	A	0.3
8	☐	1000.000	999.576	14221477.40	3.1700	A	0.4
9	☐			403668.12	0.0953	P	0.6

$$y = 0.0032 * x + 4.4774\text{E-}005$$

$$R = 1.0000$$

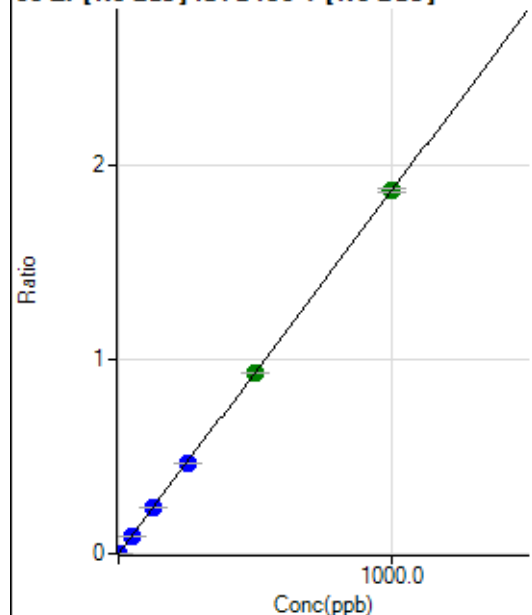
$$DL = 0.007927$$

$$BEC = 0.01412$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0001	P	13.9
2	☐	0.100					
3	☐	1.000	0.685	6118.23	0.0013	P	5.9
4	☐	50.000	49.471	420055.03	0.0926	P	1.0
5	☐	125.000	125.310	1053376.16	0.2344	P	0.2
6	☐	250.000	250.375	2093192.67	0.4683	P	0.6
7	☐	500.000	499.461	4181228.39	0.9342	A	0.4
8	☐	1000.000	1000.164	8391815.64	1.8706	A	0.9
9	☐			2091.91	0.0005	P	4.3

$$y = 0.0019 * x + 5.2052E-005$$

$$R = 1.0000$$

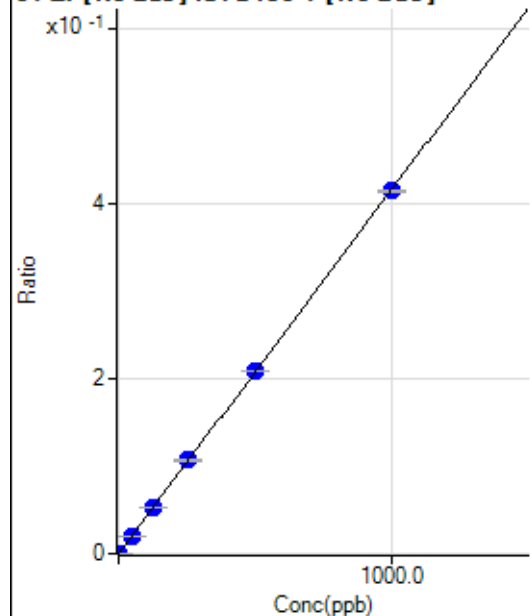
$$DL = 0.01161$$

$$BEC = 0.02783$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	45.4
2	☐	0.100					
3	☐	1.000	0.721	1444.58	0.0003	P	18.8
4	☐	50.000	49.813	94046.48	0.0207	P	0.7
5	☐	125.000	126.782	236936.80	0.0527	P	0.7
6	☐	250.000	256.487	476708.91	0.1067	P	0.5
7	☐	500.000	502.076	934405.88	0.2088	P	0.2
8	☐	1000.000	997.127	1859947.59	0.4146	P	0.3
9	☐			500.03	0.0001	P	23.8

$$y = 4.1577E-004 * x + 1.5127E-005$$

$$R = 1.0000$$

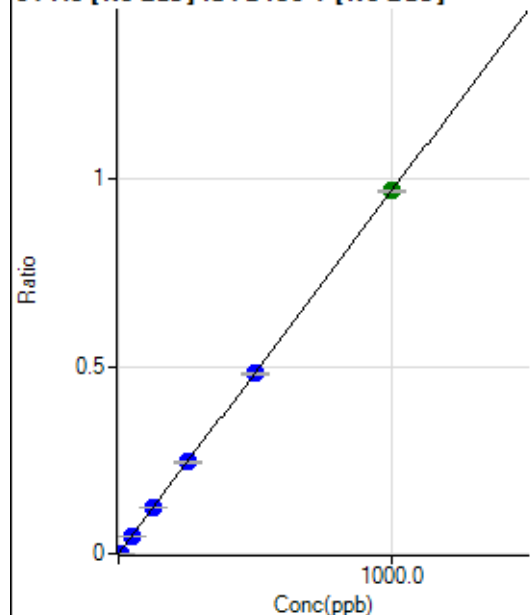
$$DL = 0.04953$$

$$BEC = 0.03638$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	22.7
2	☐	0.500					
3	☐	5.000	1.878	8497.36	0.0019	P	5.4
4	☐	50.000	49.108	215676.58	0.0475	P	1.2
5	☐	125.000	125.229	544420.89	0.1212	P	0.6
6	☐	250.000	252.585	1092068.24	0.2443	P	0.7
7	☐	500.000	497.325	2153067.71	0.4810	P	0.7
8	☐	1000.000	1000.723	4342267.46	0.9679	A	0.5
9	☐			5281.73	0.0012	P	5.7

$$y = 9.6718\text{E-}004 * x + 3.4492\text{E-}005$$

$$R = 1.0000$$

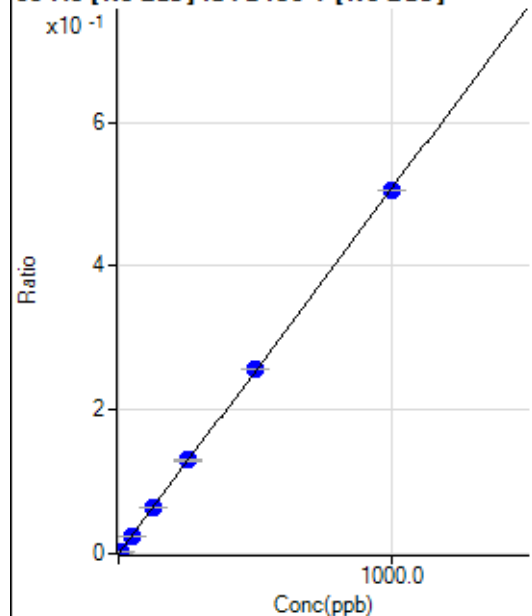
$$DL = 0.02431$$

$$BEC = 0.03566$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	55.3
2	☐	0.500					
3	☐	5.000	4.705	11024.08	0.0024	P	0.9
4	☐	50.000	49.510	113951.49	0.0251	P	0.6
5	☐	125.000	126.813	288938.92	0.0643	P	1.0
6	☐	250.000	256.374	580961.42	0.1300	P	0.6
7	☐	500.000	507.060	1150559.27	0.2571	P	0.5
8	☐	1000.000	994.676	2262155.13	0.5042	P	0.1
9	☐			7699.62	0.0018	P	10.0

$$y = 5.0693\text{E-}004 * x + 1.5122\text{E-}005$$

$$R = 0.9999$$

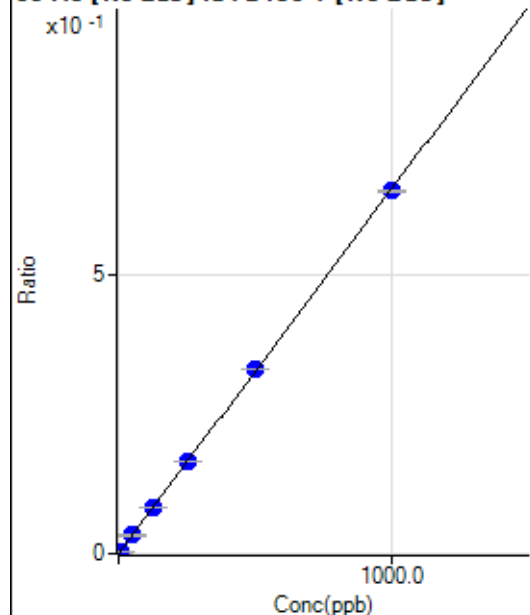
$$DL = 0.04951$$

$$BEC = 0.02983$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	11.8
2	☐	0.500					
3	☐	5.000	3.982	12052.76	0.0026	P	2.4
4	☐	50.000	50.223	148599.58	0.0327	P	0.9
5	☐	125.000	127.653	373831.15	0.0832	P	1.0
6	☐	250.000	253.410	738031.54	0.1651	P	0.4
7	☐	500.000	506.995	1478463.68	0.3303	P	0.1
8	☐	1000.000	995.312	2909033.49	0.6484	P	0.4
9	☐			10868.50	0.0026	P	10.9

$$y = 6.5145\text{E-}004 * x + 3.0874\text{E-}005$$

$$R = 1.0000$$

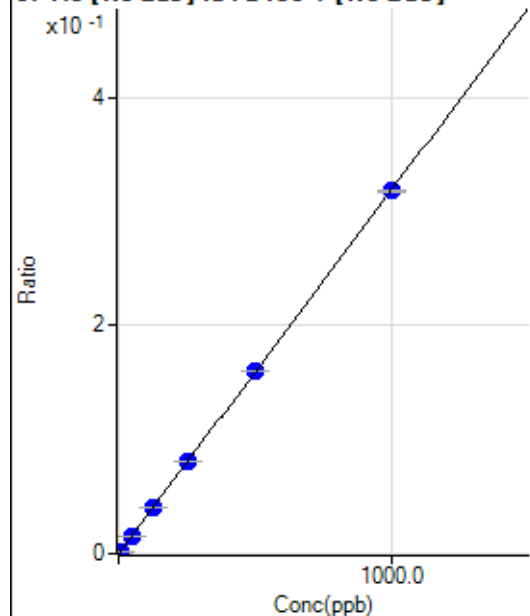
$$DL = 0.01677$$

$$BEC = 0.04739$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	33.2
2	☐	0.500					
3	☐	5.000	4.710	6990.92	0.0015	P	4.3
4	☐	50.000	48.918	70873.81	0.0156	P	0.3
5	☐	125.000	125.332	179679.29	0.0400	P	1.2
6	☐	250.000	252.607	360121.33	0.0806	P	1.0
7	☐	500.000	503.322	718460.51	0.1605	P	0.2
8	☐	1000.000	997.702	1427338.67	0.3182	P	0.5
9	☐			4787.13	0.0011	P	6.5

$$y = 3.1887\text{E-}004 * x + 2.0571\text{E-}005$$

$$R = 1.0000$$

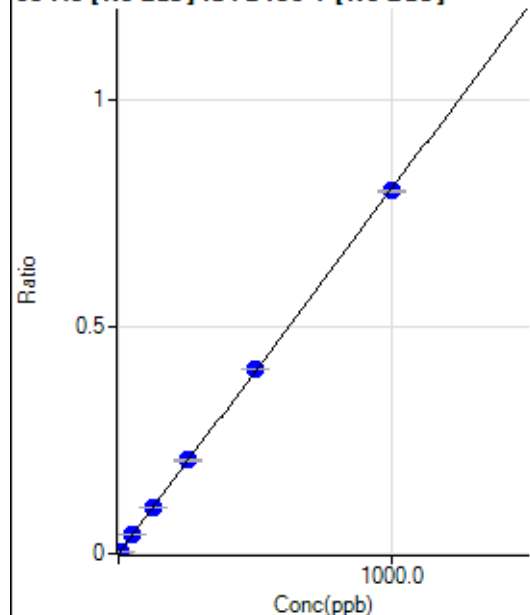
$$DL = 0.06423$$

$$BEC = 0.06451$$

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	163.90	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	4.694	17453.02	0.0038	P	1.1
4	☐	50.000	50.357	183435.10	0.0404	P	1.0
5	☐	125.000	127.766	460645.20	0.1025	P	0.8
6	☐	250.000	255.761	917037.62	0.2052	P	1.0
7	☐	500.000	506.367	1817955.49	0.4062	P	0.6
8	☐	1000.000	995.014	3580362.32	0.7981	P	0.7
9	☐			11972.12	0.0028	P	8.8

$$y = 8.0205\text{E-}004 * x + 3.5706\text{E-}005$$

$$R = 0.9999$$

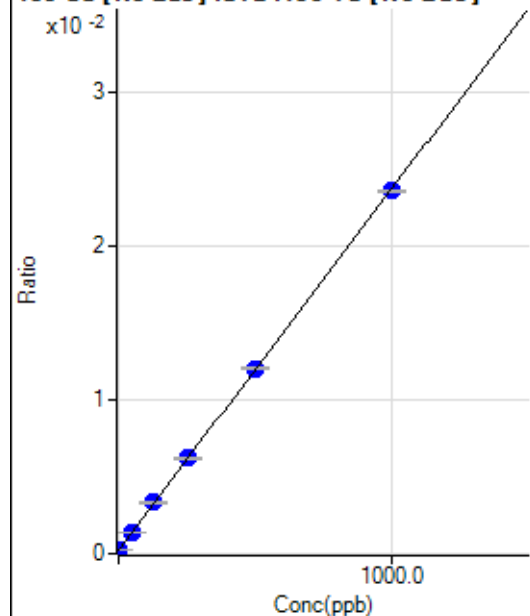
$$DL = 0.01357$$

$$BEC = 0.04452$$

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	994.52	0.0002	P	11.2
2	☐	0.100					
3	☐	1.000	1.468	1155.65	0.0003	P	1.6
4	☐	50.000	50.801	6304.41	0.0014	P	1.8
5	☐	125.000	131.820	14580.25	0.0033	P	7.1
6	☐	250.000	255.466	27299.37	0.0062	P	2.5
7	☐	500.000	504.214	52863.12	0.0120	P	1.3
8	☐	1000.000	995.634	102435.68	0.0235	P	0.2
9	☐			991.74	0.0002	P	5.2

$$y = 2.3416\text{E-}005 * x + 2.2467\text{E-}004$$

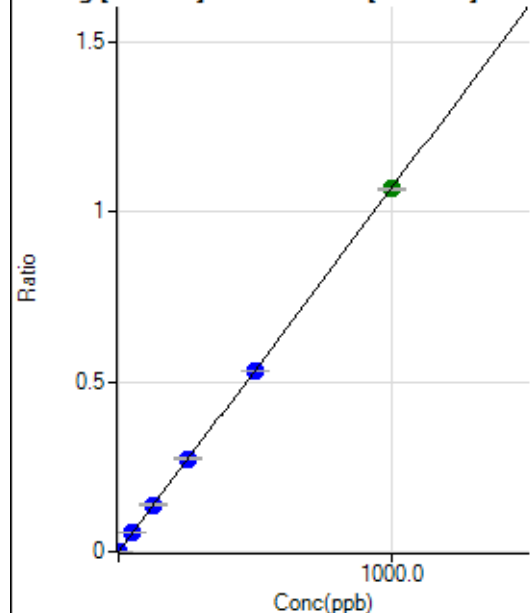
$$R = 1.0000$$

$$DL = 3.237$$

$$BEC = 9.595$$

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	27.78	0.0000	P	96.0
2	☐	0.100					
3	☐	1.000	1.355	6499.04	0.0015	P	4.2
4	☐	50.000	52.192	249117.34	0.0559	P	1.1
5	☐	125.000	129.506	610723.45	0.1386	P	2.4
6	☐	250.000	256.213	1206559.98	0.2743	P	1.0
7	☐	500.000	499.194	2348196.45	0.5344	P	0.3
8	☐	1000.000	998.177	4650253.06	1.0686	A	0.8
9	☐			463.92	0.0001	P	17.7

$$y = 0.0011 * x + 6.2565E-006$$

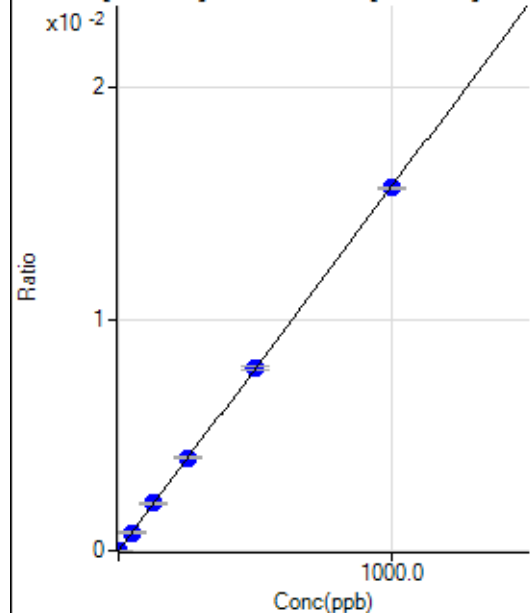
$$R = 1.0000$$

$$DL = 0.01683$$

$$BEC = 0.005844$$

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	9.72	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	0.931	75.00	0.0000	P	11.5
4	☐	50.000	49.650	3486.62	0.0008	P	2.0
5	☐	125.000	130.386	9032.20	0.0021	P	2.2
6	☐	250.000	254.929	17625.05	0.0040	P	1.2
7	☐	500.000	502.831	34719.16	0.0079	P	1.9
8	☐	1000.000	996.697	68144.93	0.0157	P	0.8
9	☐			27.78	0.0000	P	46.7

$$y = 1.5709E-005 * x + 2.1994E-006$$

$$R = 1.0000$$

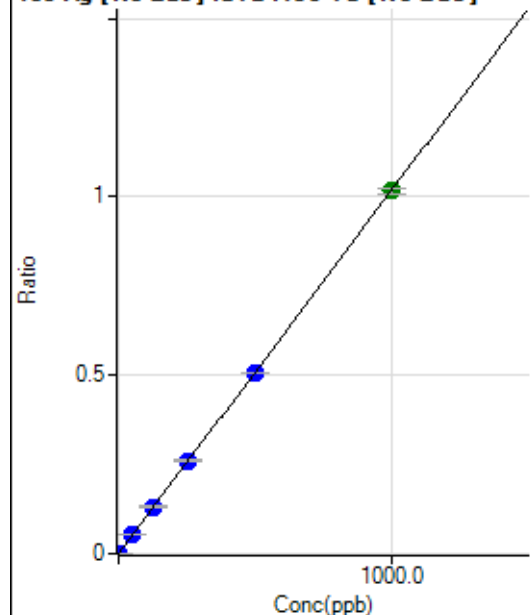
$$DL = 0.2088$$

$$BEC = 0.14$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	94.4
2	☐	0.100					
3	☐	1.000	1.347	6137.67	0.0014	P	0.6
4	☐	50.000	51.678	234400.13	0.0526	P	1.6
5	☐	125.000	128.610	576405.44	0.1309	P	1.9
6	☐	250.000	256.642	1148572.79	0.2611	P	1.1
7	☐	500.000	497.821	2225498.32	0.5065	P	0.5
8	☐	1000.000	998.894	4422483.47	1.0163	A	1.3
9	☐			419.47	0.0001	P	7.8

$$y = 0.0010 * x + 5.0338E-006$$

$$R = 1.0000$$

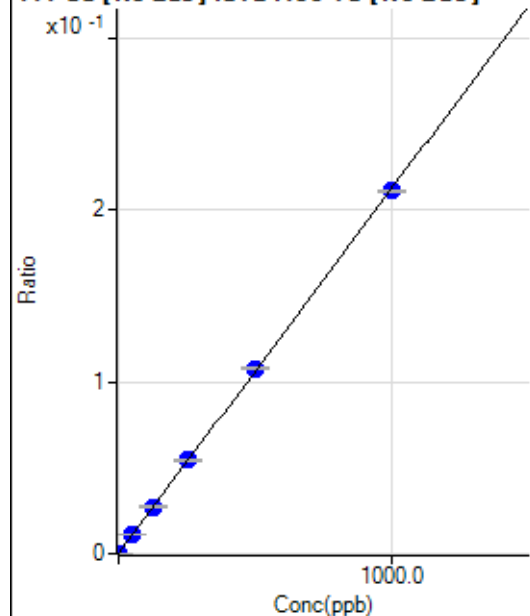
$$DL = 0.01402$$

$$BEC = 0.004948$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	715.74	0.0002	P	13.4
2	☐	0.100					
3	☐	1.000	1.085	1748.17	0.0004	P	3.3
4	☐	50.000	51.114	49043.80	0.0110	P	0.6
5	☐	125.000	128.115	120383.12	0.0273	P	2.2
6	☐	250.000	255.512	239042.65	0.0543	P	1.6
7	☐	500.000	507.723	473778.20	0.1078	P	0.8
8	☐	1000.000	994.315	918282.64	0.2110	P	0.6
9	☐			852.55	0.0002	P	3.5

$$y = 2.1206E-004 * x + 1.6170E-004$$

$$R = 0.9999$$

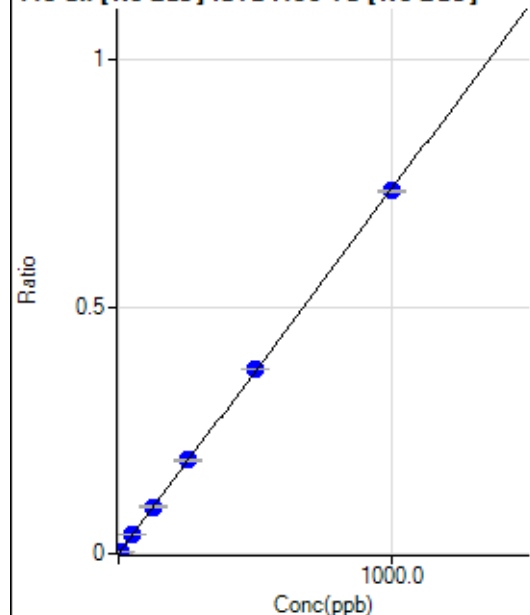
$$DL = 0.307$$

$$BEC = 0.7625$$

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	244.46	0.0001	P	34.5
2	☐	0.500					
3	☐	5.000	4.946	16527.03	0.0037	P	1.5
4	☐	50.000	51.211	168714.42	0.0378	P	0.2
5	☐	125.000	128.691	418558.31	0.0950	P	1.5
6	☐	250.000	256.361	832357.77	0.1892	P	1.0
7	☐	500.000	505.230	1638323.51	0.3729	P	0.6
8	☐	1000.000	995.273	3196275.33	0.7345	P	0.4
9	☐			4386.97	0.0011	P	8.4

$$y = 7.3790E-004 * x + 5.5270E-005$$

$$R = 1.0000$$

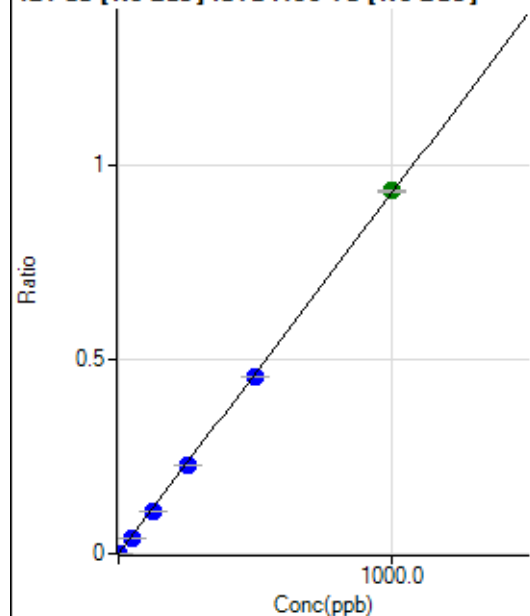
$$DL = 0.07753$$

$$BEC = 0.0749$$

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	11.11	0.0000	P	43.5
2	☐	0.200					
3	☐	2.000	1.933	8024.85	0.0018	P	2.3
4	☐	50.000	41.929	173748.42	0.0390	P	2.3
5	☐	125.000	117.496	481006.99	0.1092	P	3.4
6	☐	250.000	244.608	1000131.24	0.2274	P	0.3
7	☐	500.000	491.590	2007621.27	0.4569	P	0.7
8	☐	1000.000	1006.895	4072673.18	0.9359	A	0.6
9	☐			15981.93	0.0039	P	8.1

$$y = 9.2945E-004 * x + 2.5103E-006$$

$$R = 0.9999$$

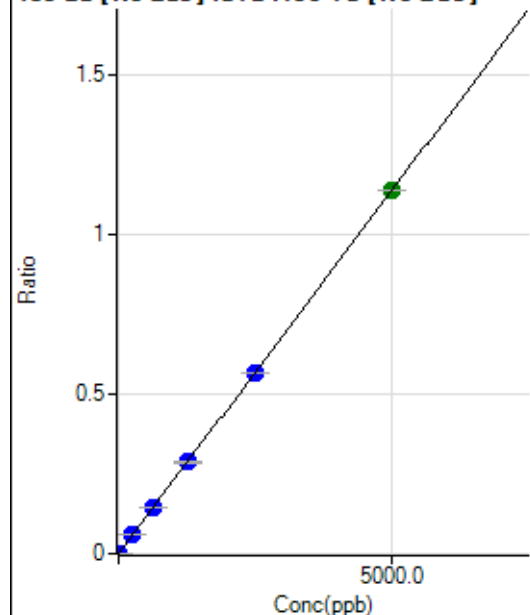
$$DL = 0.003525$$

$$BEC = 0.002701$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	62.6
2	☐	1.000					
3	☐	10.000	9.870	10106.80	0.0023	P	3.1
4	☐	250.000	255.361	259309.11	0.0582	P	0.6
5	☐	625.000	638.410	640452.17	0.1454	P	1.8
6	☐	1250.000	1261.863	1264048.39	0.2874	P	1.0
7	☐	2500.000	2489.316	2490710.19	0.5669	P	0.6
8	☐	5000.000	5000.432	4955322.94	1.1387	A	0.2
9	☐			1444.58	0.0003	P	9.8

$$y = 2.2771\text{E-}004 * x + 1.8205\text{E-}005$$

$$R = 1.0000$$

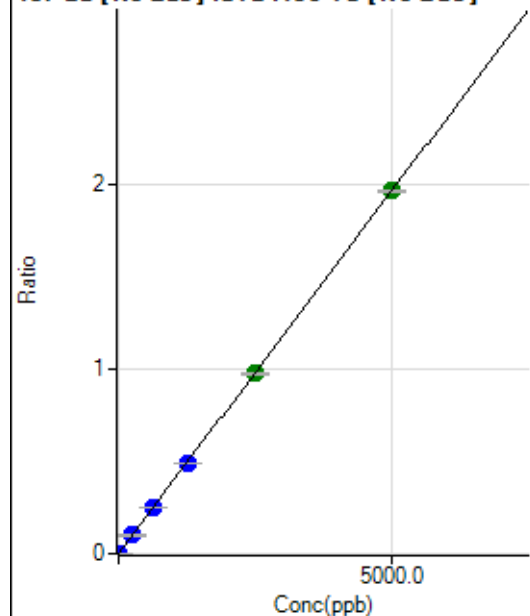
$$DL = 0.1502$$

$$BEC = 0.07995$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	11.6
2	☐	1.000					
3	☐	10.000	10.040	17670.22	0.0040	P	1.7
4	☐	250.000	253.536	443799.90	0.0996	P	1.4
5	☐	625.000	633.961	1096420.72	0.2489	P	1.9
6	☐	1250.000	1250.844	2160190.80	0.4911	P	1.0
7	☐	2500.000	2487.932	4291642.63	0.9768	A	1.0
8	☐	5000.000	5004.526	8550069.55	1.9647	A	0.6
9	☐			2936.55	0.0007	P	7.0

$$y = 3.9259\text{E-}004 * x + 1.9456\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01725$$

$$BEC = 0.04956$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.89		P	43.3
4	☐			11.11		P	34.6
5	☐			37.78		P	36.7
6	☐			60.00		P	50.9
7	☐			84.45		P	19.9
8	☐			202.23		P	22.4
9	☐			53.34		P	43.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			1.11		P	173.2
6	☐			4.44		P	43.4
7	☐			15.56		P	12.4
8	☐			15.56		P	12.4
9	☐			13.33		P	25.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			27.78		P	17.3
4	☐			16.66		P	86.6
5	☐			27.78		P	75.5
6	☐			19.45		P	24.7
7	☐			55.56		P	34.6
8	☐			80.56		P	52.1
9	☐			52.78		P	9.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			4.44		P	43.4
4	☐			4.44		P	43.4
5	☐			7.78		P	24.7
6	☐			6.67		P	0.0
7	☐			14.44		P	35.3
8	☐			15.56		P	65.5
9	☐			17.78		P	21.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			30.56		P	31.5
4	☐			33.34		P	66.1
5	☐			13.89		P	91.6
6	☐			30.56		P	31.5
7	☐			38.89		P	24.7
8	☐			52.78		P	48.2
9	☐			38.89		P	12.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			5.56		P	91.6
4	☐			8.89		P	78.1
5	☐			12.22		P	56.8
6	☐			7.78		P	65.5
7	☐			12.22		P	41.7
8	☐			13.33		P	25.0
9	☐			24.45		P	43.8

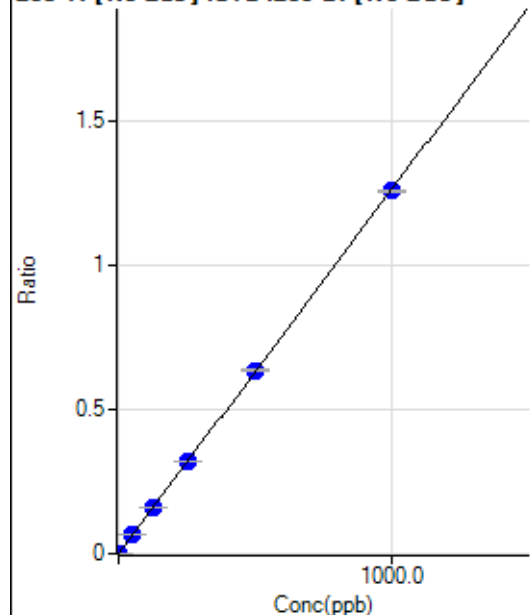
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			36.11		P	74.2
4	☐			16.67		P	50.0
5	☐			16.67		P	100.0
6	☐			19.44		P	49.5
7	☐			11.11		P	114.6
8	☐			25.00		P	0.0
9	☐			30.56		P	41.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	43.3
2	☐						
3	☐			15.55		P	24.8
4	☐			10.00		P	57.8
5	☐			7.78		P	65.5
6	☐			10.00		P	57.7
7	☐			10.00		P	33.3
8	☐			11.11		P	62.5
9	☐			32.22		P	6.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	0.948	3203.30	0.0012	P	3.5
4	☐	50.000	50.947	165974.31	0.0643	P	0.9
5	☐	125.000	127.276	413298.10	0.1605	P	1.1
6	☐	250.000	253.195	821386.95	0.3192	P	0.4
7	☐	500.000	504.160	1619309.25	0.6356	P	0.2
8	☐	1000.000	996.789	3123320.58	1.2566	P	0.6
9	☐			1225.11	0.0005	P	16.8

$$y = 0.0013 * x + 4.2241E-005$$

$$R = 1.0000$$

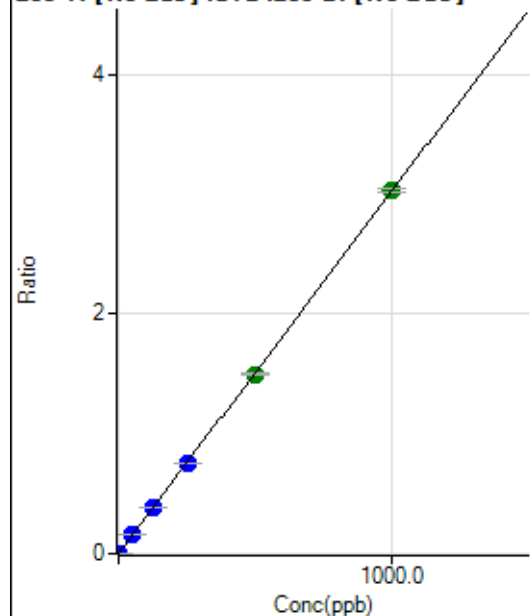
$$DL = 0.05027$$

$$BEC = 0.03351$$

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	313.91	0.0001	P	13.5
2	☐	0.100					
3	☐	1.000	0.974	7933.29	0.0031	P	3.2
4	☐	50.000	50.859	397058.17	0.1537	P	1.5
5	☐	125.000	126.324	983018.37	0.3817	P	0.4
6	☐	250.000	249.889	1942552.34	0.7549	P	0.7
7	☐	500.000	495.784	3815777.04	1.4977	A	0.4
8	☐	1000.000	1001.927	7522617.10	3.0265	A	1.2
9	☐			2908.79	0.0013	P	8.2

$$y = 0.0030 * x + 1.2262E-004$$

$$R = 1.0000$$

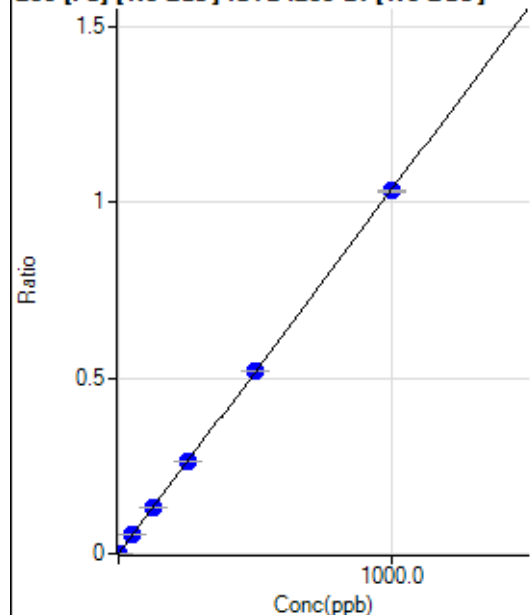
$$DL = 0.0164$$

$$BEC = 0.04059$$

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	361.13	0.0001	P	7.1
2	☐	0.100					
3	☐	1.000	1.046	3167.14	0.0012	P	3.5
4	☐	50.000	51.408	137816.89	0.0534	P	1.3
5	☐	125.000	128.150	342058.58	0.1328	P	0.4
6	☐	250.000	254.340	677936.10	0.2635	P	0.7
7	☐	500.000	502.209	1325088.79	0.5201	P	0.2
8	☐	1000.000	997.346	2566890.02	1.0327	P	0.9
9	☐			8847.65	0.0040	P	2.0

$$y = 0.0010 * x + 1.4104E-004$$

$$R = 1.0000$$

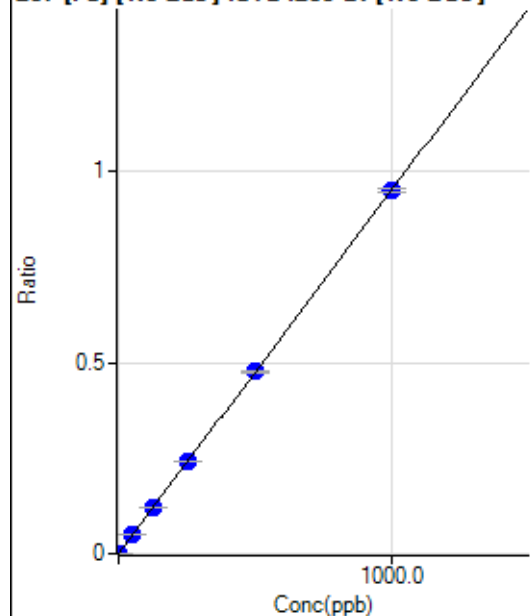
$$DL = 0.02899$$

$$BEC = 0.1362$$

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	364.83	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.970	2755.93	0.0011	P	4.4
4	☐	50.000	50.628	124637.20	0.0483	P	0.9
5	☐	125.000	127.169	311626.27	0.1210	P	0.4
6	☐	250.000	253.656	620681.49	0.2412	P	0.5
7	☐	500.000	500.523	1212323.13	0.4758	P	0.4
8	☐	1000.000	998.522	2359117.67	0.9491	P	0.9
9	☐			7237.34	0.0032	P	2.6

$$y = 9.5039E-004 * x + 1.4242E-004$$

$$R = 1.0000$$

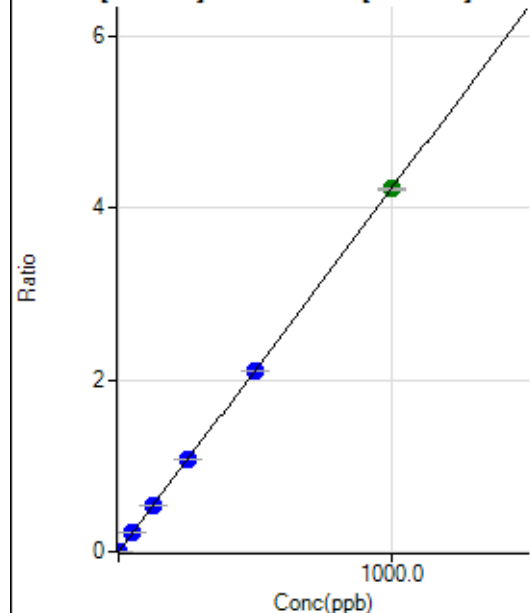
$$DL = 0.03921$$

$$BEC = 0.1499$$

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	1466.74	0.0006	P	2.4
2	☐	0.100					
3	☐	1.000	0.991	12311.83	0.0048	P	0.2
4	☐	50.000	51.155	559258.16	0.2165	P	0.6
5	☐	125.000	127.379	1386470.25	0.5384	P	0.5
6	☐	250.000	253.421	2754544.20	1.0705	P	0.5
7	☐	500.000	498.208	5360448.99	2.1040	P	0.1
8	☐	1000.000	999.686	10492119.91	4.2212	A	0.6
9	☐			34205.23	0.0153	P	0.9

$$y = 0.0042 * x + 5.7276E-004$$

$$R = 1.0000$$

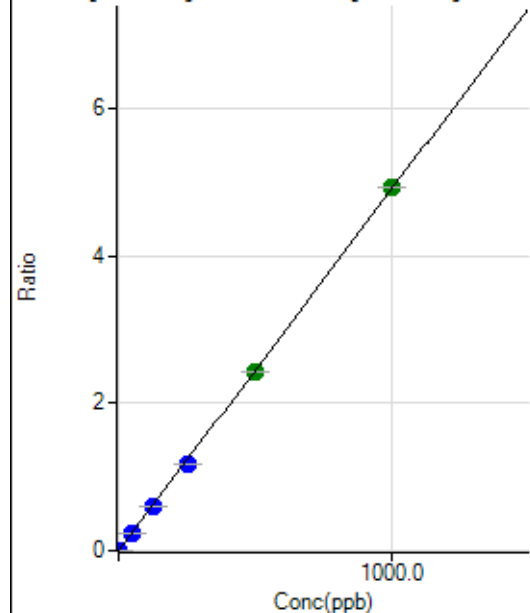
$$DL = 0.009756$$

$$BEC = 0.1357$$

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	688.94	0.0003	P	12.5
2	☐	0.100					
3	☐	1.000	0.953	12773.40	0.0049	P	0.9
4	☐	50.000	48.917	618892.78	0.2396	P	1.1
5	☐	125.000	121.913	1537114.09	0.5968	P	0.2
6	☐	250.000	240.150	3024595.16	1.1754	P	0.5
7	☐	500.000	496.439	6190119.28	2.4296	A	0.4
8	☐	1000.000	1004.683	12221220.85	4.9167	A	0.1
9	☐			1144.55	0.0005	P	19.9

$$y = 0.0049 * x + 2.6892E-004$$

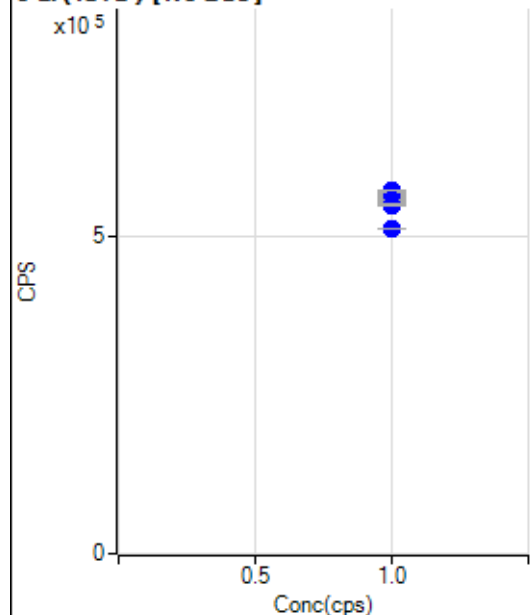
$$R = 0.9999$$

$$DL = 0.02057$$

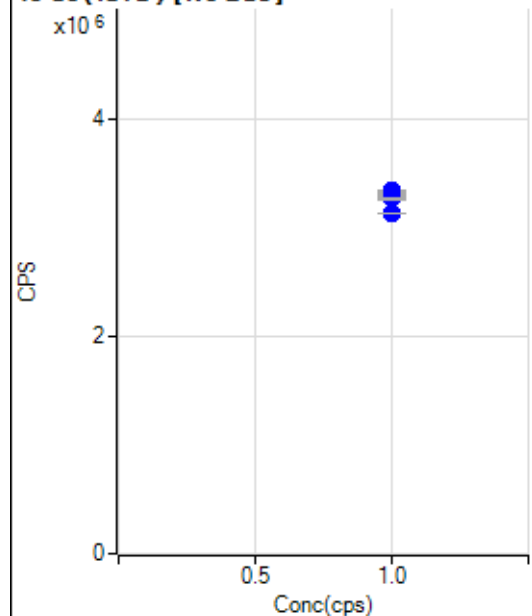
$$BEC = 0.05495$$

Weight: <None>

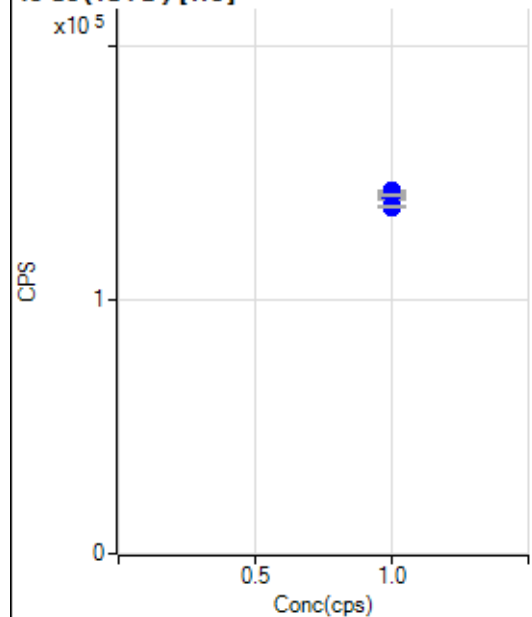
Min Conc: 0

6 Li (ISTD) [No Gas]

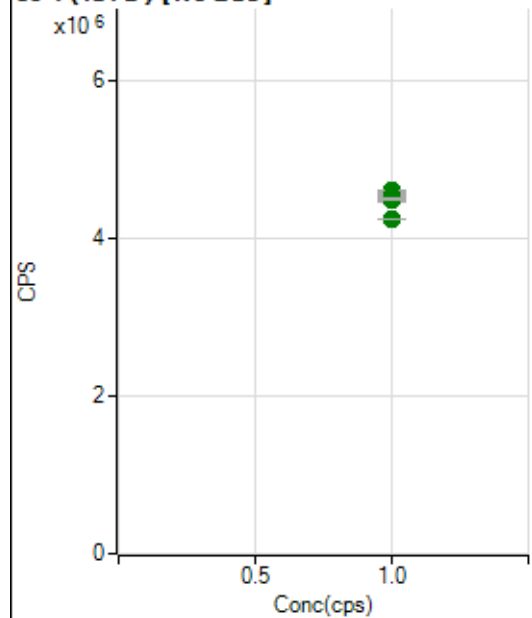
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		555516.77		P	0.9
2	☐	1.000					
3	☐	1.000		561821.64		P	0.6
4	☐	1.000		562819.74		P	1.1
5	☐	1.000		565036.97		P	0.6
6	☐	1.000		570220.64		P	0.3
7	☐	1.000		554925.50		P	0.3
8	☐	1.000		548498.33		P	0.2
9	☐	1.000		511324.05		P	0.1

45 Sc (ISTD) [No Gas]

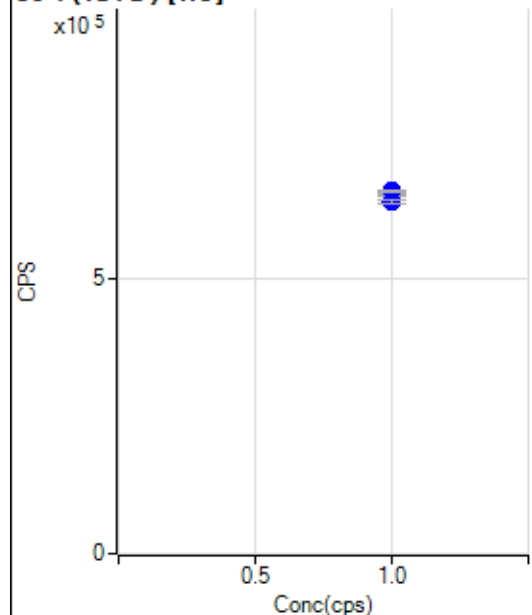
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3314981.93		P	0.1
2	☐	1.000					
3	☐	1.000		3334173.97		P	0.2
4	☐	1.000		3317937.92		P	0.4
5	☐	1.000		3315963.64		P	0.5
6	☐	1.000		3292237.85		P	0.2
7	☐	1.000		3279369.11		P	0.0
8	☐	1.000		3267778.61		P	0.6
9	☐	1.000		3128556.21		P	0.4

45 Sc (ISTD) [He]

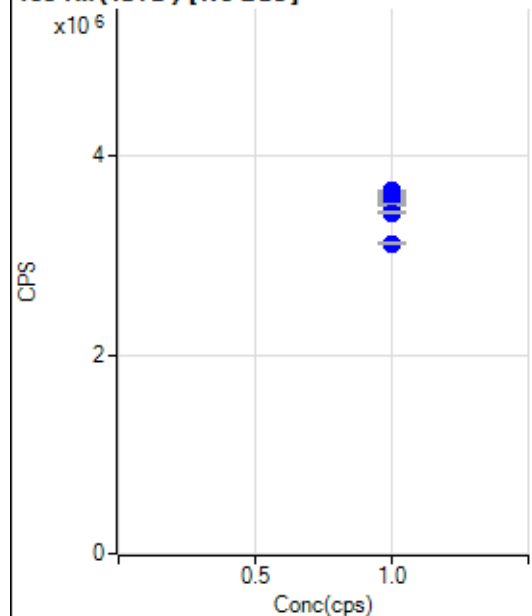
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		141179.05		P	0.3
2	☐	1.000					
3	☐	1.000		142989.76		P	0.3
4	☐	1.000		142186.42		P	0.6
5	☐	1.000		140278.78		P	0.1
6	☐	1.000		141478.62		P	0.9
7	☐	1.000		140483.57		P	1.1
8	☐	1.000		141513.64		P	0.6
9	☐	1.000		136625.88		P	0.8

89 Y (ISTD) [No Gas]

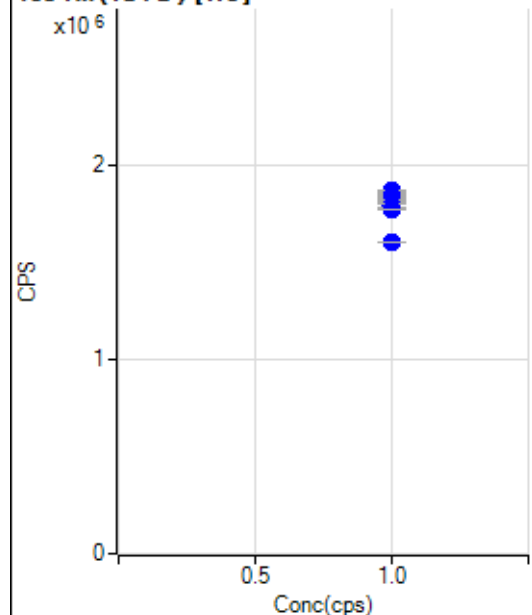
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4588853.09		A	0.4
2	☐	1.000					
3	☐	1.000		4592650.07		A	0.8
4	☐	1.000		4537666.18		A	0.7
5	☐	1.000		4493681.19		A	0.2
6	☐	1.000		4469750.87		A	0.6
7	☐	1.000		4475925.39		A	0.2
8	☐	1.000		4486258.65		A	0.3
9	☐	1.000		4236400.91		A	0.3

89 Y(ISTD) [He]

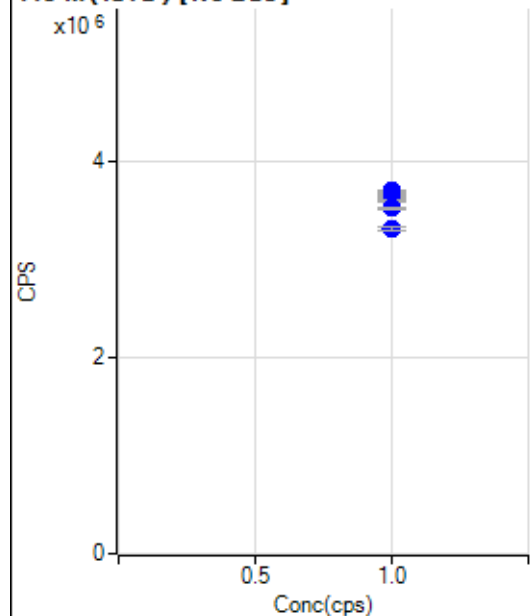
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		657382.71		P	0.1
2	☐	1.000					
3	☐	1.000		659253.45		P	0.3
4	☐	1.000		655958.07		P	0.2
5	☐	1.000		653762.68		P	0.3
6	☐	1.000		654381.88		P	0.9
7	☐	1.000		654438.99		P	0.4
8	☐	1.000		660830.97		P	0.8
9	☐	1.000		640976.39		P	0.7

103 Rh(ISTD) [No Gas]

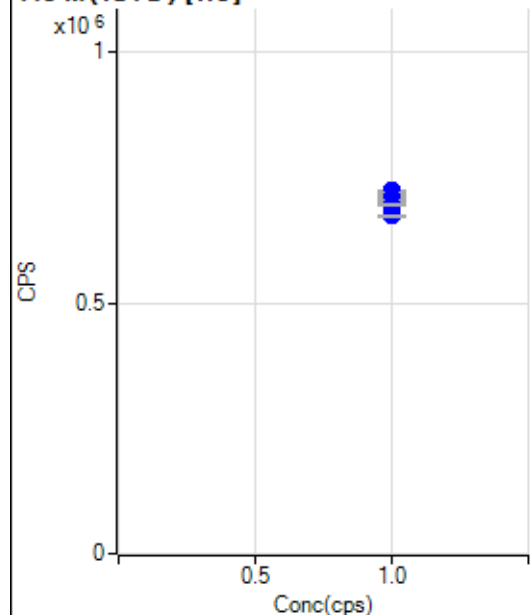
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3614379.46		P	0.3
2	☐	1.000					
3	☐	1.000		3648026.25		P	0.8
4	☐	1.000		3609721.87		P	0.5
5	☐	1.000		3588935.41		P	0.2
6	☐	1.000		3557069.70		P	0.5
7	☐	1.000		3509650.04		P	0.3
8	☐	1.000		3426724.21		P	0.5
9	☐	1.000		3120206.67		P	0.4

103 Rh (ISTD) [He]

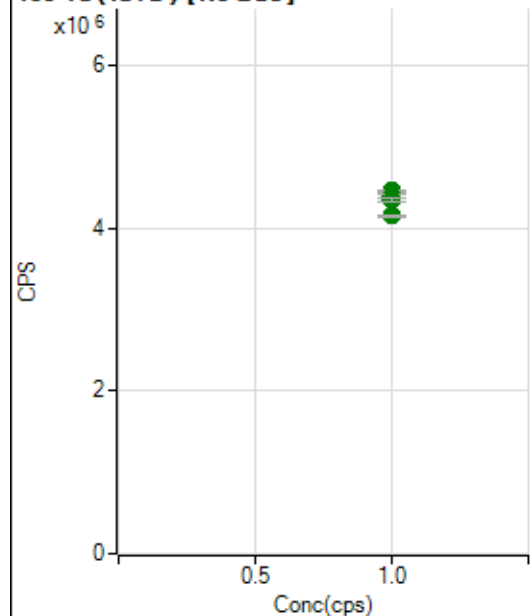
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1865100.04		P	0.5
2	☐	1.000					
3	☐	1.000		1868607.37		P	0.6
4	☐	1.000		1845823.81		P	0.6
5	☐	1.000		1829997.63		P	0.4
6	☐	1.000		1815980.15		P	0.4
7	☐	1.000		1794416.47		P	0.8
8	☐	1.000		1773848.48		P	0.4
9	☐	1.000		1604431.44		P	0.5

115 In (ISTD) [No Gas]

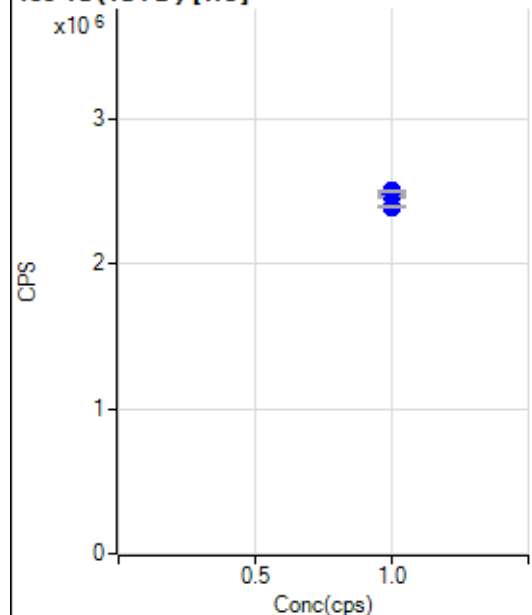
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3669297.40		P	0.2
2	☐	1.000					
3	☐	1.000		3707656.92		P	0.4
4	☐	1.000		3670895.25		P	0.4
5	☐	1.000		3650882.99		P	0.3
6	☐	1.000		3635355.13		P	0.2
7	☐	1.000		3601003.58		P	0.5
8	☐	1.000		3534679.40		P	0.5
9	☐	1.000		3321004.47		P	0.7

115 In (ISTD) [He]

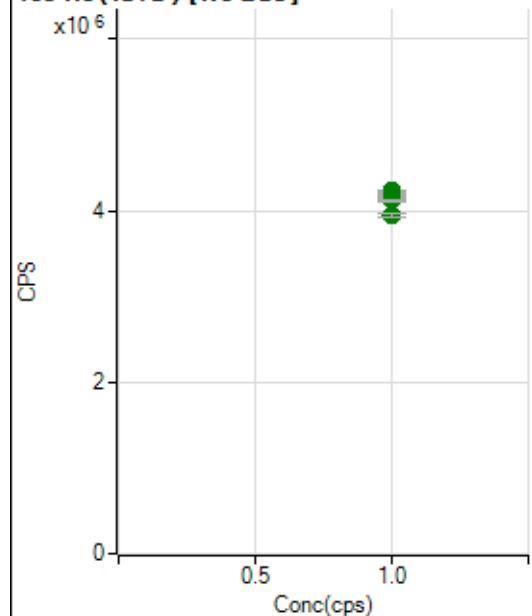
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		723487.18		P	0.2
2	☐	1.000					
3	☐	1.000		724115.18		P	0.7
4	☐	1.000		718586.28		P	0.6
5	☐	1.000		711831.04		P	0.1
6	☐	1.000		708454.37		P	0.6
7	☐	1.000		704703.17		P	0.8
8	☐	1.000		696063.46		P	0.6
9	☐	1.000		674303.98		P	0.7

159 Tb (ISTD) [No Gas]

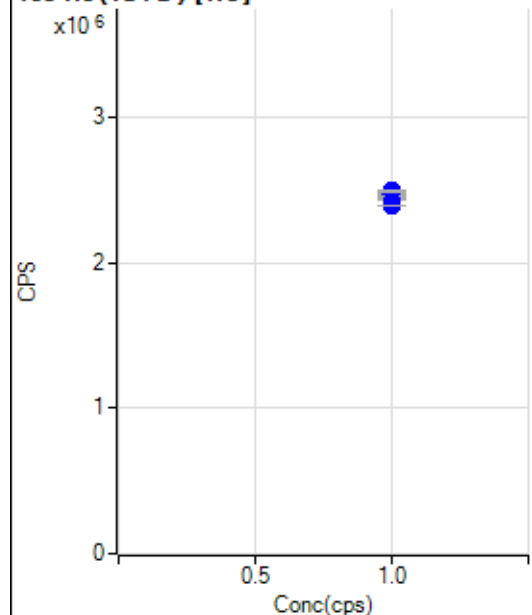
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4427727.57		A	0.5
2	☐	1.000					
3	☐	1.000		4460973.16		A	0.4
4	☐	1.000		4458170.38		A	0.8
5	☐	1.000		4405660.14		A	1.2
6	☐	1.000		4399093.20		A	1.0
7	☐	1.000		4394003.82		A	0.7
8	☐	1.000		4351898.06		A	0.7
9	☐	1.000		4149808.69		A	1.0

159 Tb (ISTD) [He]

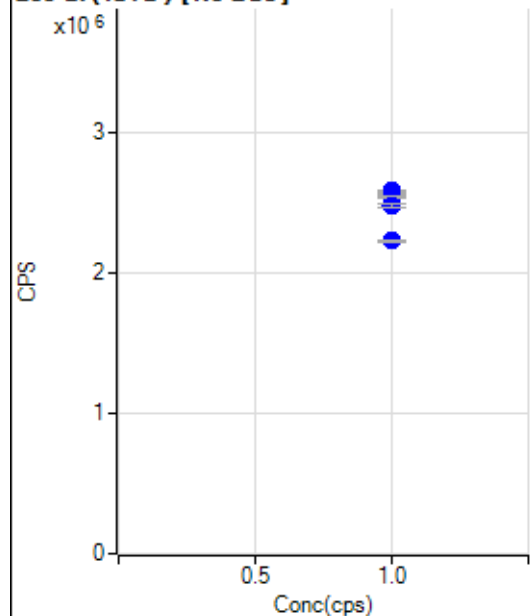
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2463940.54		P	0.4
2	☐	1.000					
3	☐	1.000		2491181.08		P	0.6
4	☐	1.000		2486682.17		P	0.6
5	☐	1.000		2477375.60		P	0.3
6	☐	1.000		2487655.34		P	0.5
7	☐	1.000		2487503.24		P	0.9
8	☐	1.000		2505586.20		P	0.5
9	☐	1.000		2396458.92		P	0.3

165 Ho (ISTD) [No Gas]

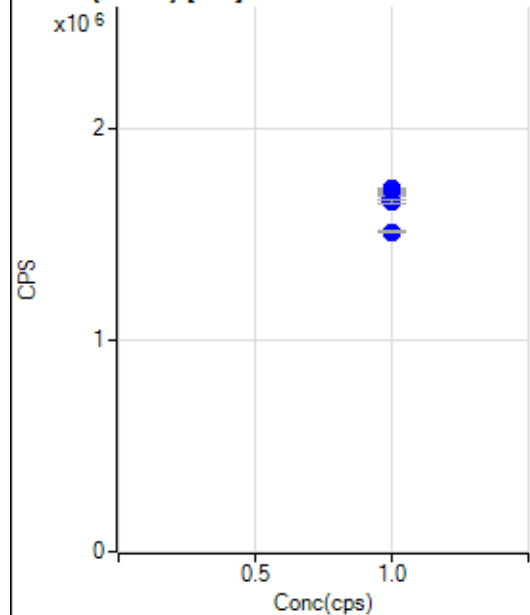
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4172465.33		A	1.0
2	☐	1.000					
3	☐	1.000		4231370.50		A	0.7
4	☐	1.000		4202962.46		A	0.5
5	☐	1.000		4177946.58		A	0.2
6	☐	1.000		4163727.74		A	0.2
7	☐	1.000		4137988.46		A	1.0
8	☐	1.000		4125004.56		A	0.5
9	☐	1.000		3951197.88		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2433978.95		P	0.5
2	☐	1.000					
3	☐	1.000		2471041.66		P	0.5
4	☐	1.000		2467589.56		P	0.4
5	☐	1.000		2459123.26		P	0.2
6	☐	1.000		2468898.76		P	0.1
7	☐	1.000		2477146.96		P	1.1
8	☐	1.000		2493210.36		P	0.6
9	☐	1.000		2391236.30		P	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2561001.94		P	0.5
2	☐	1.000					
3	☐	1.000		2588539.87		P	0.7
4	☐	1.000		2582680.45		P	0.6
5	☐	1.000		2575397.01		P	0.4
6	☐	1.000		2573170.21		P	0.2
7	☐	1.000		2547793.25		P	0.3
8	☐	1.000		2485681.49		P	0.8
9	☐	1.000		2232000.42		P	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1702223.74		P	0.3
2	☐	1.000					
3	☐	1.000		1717490.41		P	0.4
4	☐	1.000		1709264.99		P	0.4
5	☐	1.000		1696915.04		P	0.5
6	☐	1.000		1692443.19		P	0.3
7	☐	1.000		1673363.57		P	1.0
8	☐	1.000		1659468.29		P	1.0
9	☐	1.000		1513560.40		P	0.3