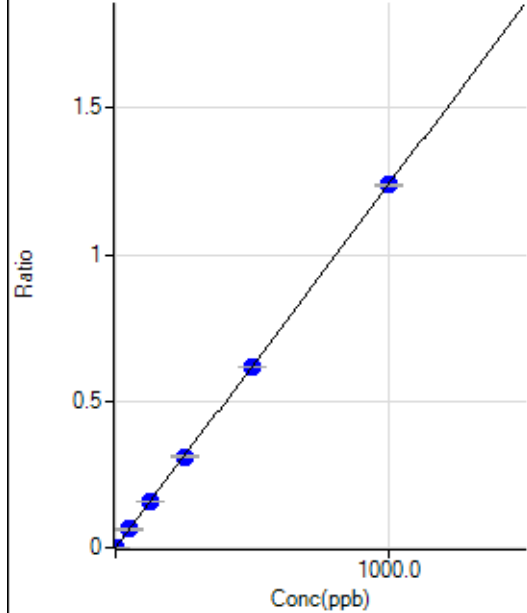


Batch Folder: D:\ICP-MS Data\P7052417 .b .b\
Analysis File: P7052417 .b .batch.bin
DA Date-Time: 2017-05-25 10:49:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7052417 .b .D	S00	2017-05-24 12:38:19
2			
3	005CALS P7052417 .b .D	S02	2017-05-24 12:45:57
4	006CALS P7052417 .b .D	S03	2017-05-24 12:49:47
5	007CALS P7052417 .b .D	S04	2017-05-24 12:53:47
6	008CALS P7052417 .b .D	S05	2017-05-24 12:57:30
7	009CALS P7052417 .b .D	S06	2017-05-24 13:01:09
8	010CALS P7052417 .b .D	S07	2017-05-24 13:04:43
9	011CALS P7052417 .b .D	S08	2017-05-24 13:08:15

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.860	2579.92	0.0011	P	11.8
4	☐	50.000	50.380	144987.46	0.0624	P	0.4
5	☐	125.000	127.022	365597.30	0.1574	P	0.9
6	☐	250.000	251.131	710226.87	0.3111	P	0.7
7	☐	500.000	499.633	1411251.26	0.6189	P	0.2
8	☐	1000.000	999.629	2765747.08	1.2382	P	0.6
9	☐			729.67	0.0004	P	9.2

$$y = 0.0012 * x + 4.3783E-005$$

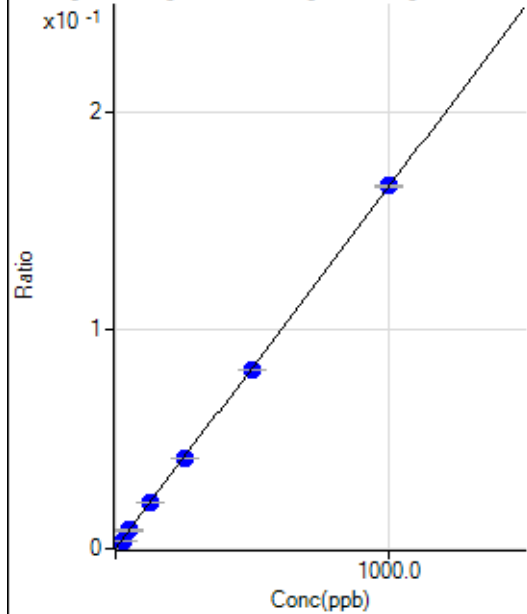
$$R = 1.0000$$

$$DL = 0.02609$$

$$BEC = 0.03535$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.13	0.0001	P	12.2
2	☐	2.500					
3	☐	25.000	21.446	8544.42	0.0037	P	3.6
4	☐	50.000	49.909	19463.15	0.0084	P	1.4
5	☐	125.000	125.354	48478.63	0.0209	P	0.2
6	☐	250.000	247.374	93731.32	0.0411	P	0.2
7	☐	500.000	494.624	186910.11	0.0820	P	0.7
8	☐	1000.000	1003.393	371133.69	0.1662	P	0.8
9	☐			9375.52	0.0045	P	3.3

$$y = 1.6546E-004 * x + 1.2524E-004$$

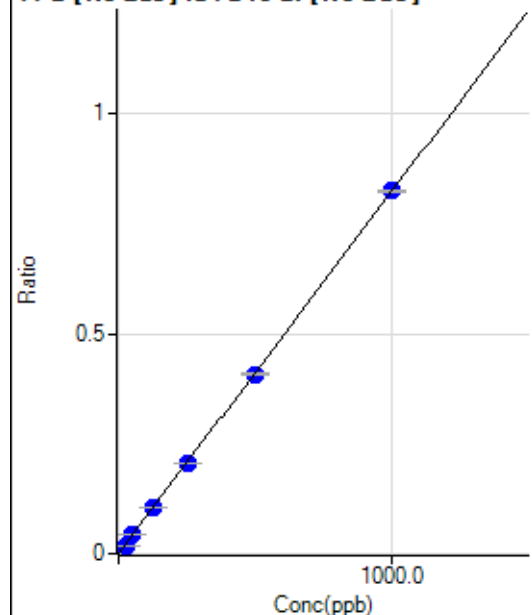
$$R = 1.0000$$

$$DL = 0.2761$$

$$BEC = 0.7569$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1375.12	0.0006	P	3.9
2	☐	2.500					
3	☐	25.000	20.706	40970.28	0.0176	P	0.5
4	☐	50.000	50.076	96937.08	0.0417	P	0.7
5	☐	125.000	125.211	240426.34	0.1035	P	1.2
6	☐	250.000	249.516	469451.65	0.2056	P	1.0
7	☐	500.000	495.951	930663.00	0.4081	P	0.6
8	☐	1000.000	1002.223	1840920.03	0.8241	P	0.6
9	☐			46829.10	0.0226	P	5.6

$$y = 8.2172\text{E-}004 * x + 6.0170\text{E-}004$$

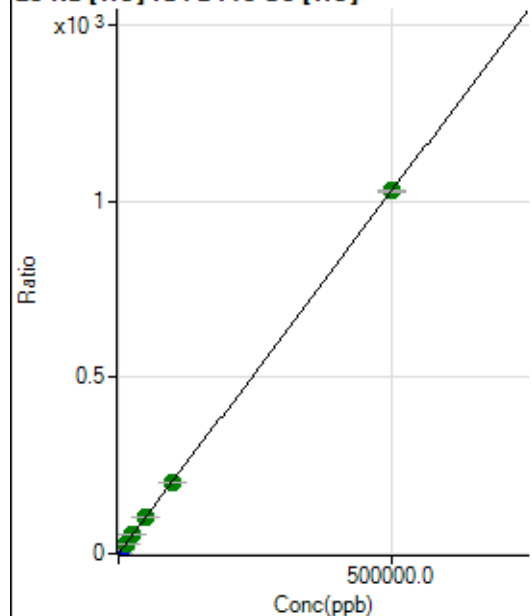
$$R = 1.0000$$

$$DL = 0.08609$$

$$BEC = 0.7322$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20943.12	0.0725	P	0.7
2	☐	50.000					
3	☐	500.000	452.107	295451.81	1.0038	P	0.5
4	☐	5000.000	5168.325	3184075.66	10.7192	P	0.3
5	☐	12500.000	12835.449	7903133.77	26.5133	A	0.8
6	☐	25000.000	25384.797	15256058.67	52.3648	A	0.4
7	☐	50000.000	49903.703	30428868.39	102.8733	A	0.5
8	☐	100000.00	98390.587	60326603.43	202.7555	A	0.4
9	☐	500000.00	500302.25	314841593.1	1,030.686	A	0.3

$$y = 0.0021 * x + 0.0725$$

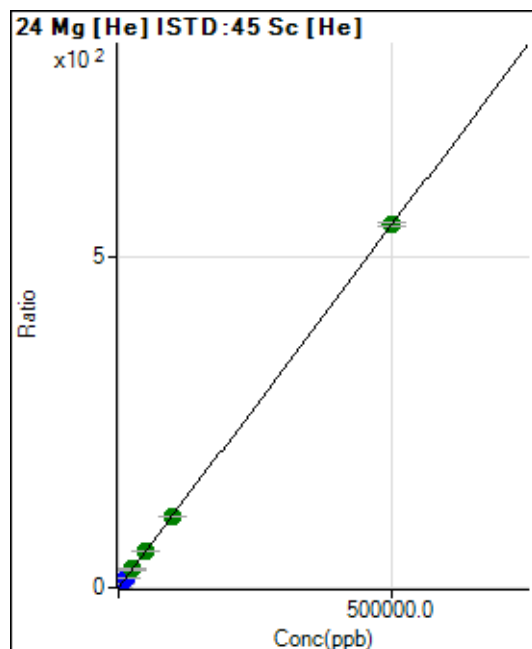
$$R = 1.0000$$

$$DL = 0.7212$$

$$BEC = 35.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	436.14	0.0015	P	21.7
2	☐	50.000					
3	☐	500.000	445.157	143887.36	0.4889	P	0.6
4	☐	5000.000	5107.043	1661345.50	5.5929	P	0.3
5	☐	12500.000	12866.526	4199477.35	14.0884	P	0.6
6	☐	25000.000	25242.752	8052206.52	27.6384	A	0.5
7	☐	50000.000	49400.300	15998263.03	54.0872	A	0.6
8	☐	100000.00	97177.362	31656476.05	106.3957	A	0.6
9	☐	500000.00	500602.18	167410366.2	548.0837	A	0.9

$$y = 0.0011 * x + 0.0015$$

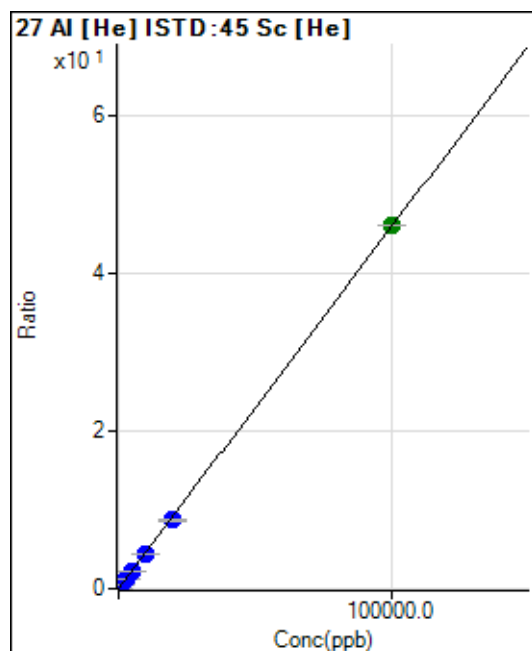
$$R = 1.0000$$

$$DL = 0.8961$$

$$BEC = 1.378$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0002	P	39.3
2	☐	2.000					
3	☐	20.000	16.355	2253.05	0.0077	P	2.0
4	☐	1000.000	981.069	133687.36	0.4501	P	0.5
5	☐	2500.000	2457.810	336018.15	1.1273	P	1.0
6	☐	5000.000	4871.680	650931.59	2.2342	P	0.4
7	☐	10000.000	9570.424	1298242.11	4.3890	P	0.1
8	☐	20000.000	18873.054	2575182.44	8.6551	P	0.3
9	☐	100000.00	100276.00	14046940.24	45.9855	A	0.1

$$y = 4.5859E-004 * x + 1.5408E-004$$

$$R = 0.9999$$

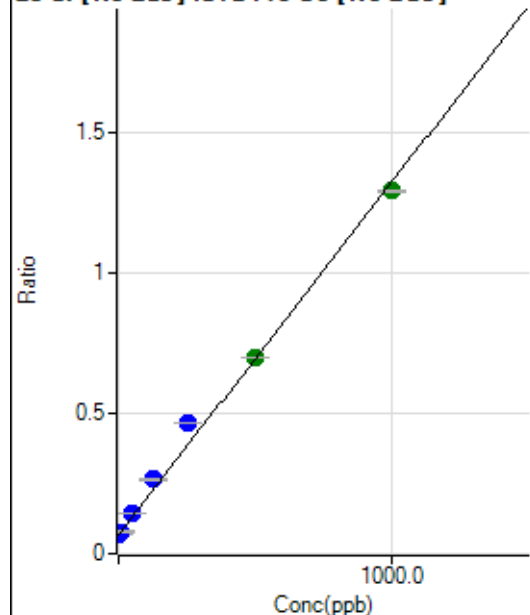
$$DL = 0.3962$$

$$BEC = 0.336$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	423467.02	0.0671	P	0.6
2	☐	1.000					
3	☐	10.000	8.991	507915.07	0.0784	P	1.0
4	☐	50.000	62.129	936346.59	0.1451	P	1.1
5	☐	125.000	157.070	1733392.36	0.2642	P	0.7
6	☐	250.000	318.013	2980170.27	0.4661	P	0.7
7	☐	500.000	504.984	4524576.71	0.7007	A	0.2
8	☐	1000.000	975.900	8279164.77	1.2916	A	0.9
9	☐			535105.41	0.0844	P	0.8

$$y = 0.0013 * x + 0.0671$$

$$R = 0.9971$$

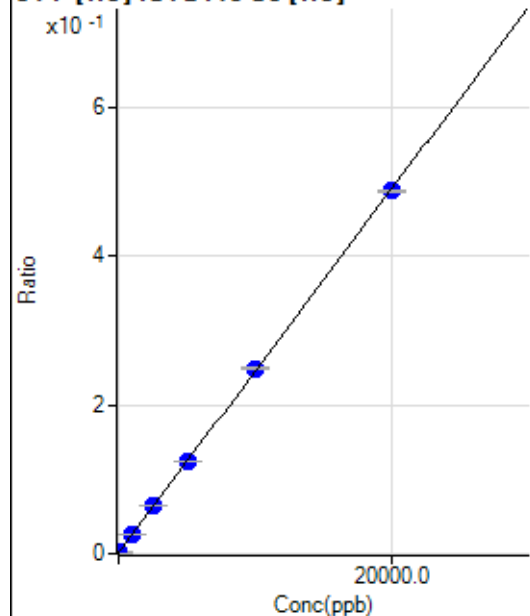
$$DL = 0.9999$$

$$BEC = 53.49$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	8.084	397.25	0.0014	P	5.0
2	☐	0.000					
3	☐	0.000	-8.084	288.90	0.0010	P	13.0
4	☐	1000.000	1008.444	7660.61	0.0258	P	1.0
5	☐	2500.000	2594.690	19226.89	0.0645	P	0.5
6	☐	5000.000	5031.346	36116.90	0.1240	P	0.8
7	☐	10000.000	10148.466	73607.10	0.2489	P	1.5
8	☐	20000.000	19905.672	144891.69	0.4870	P	0.4
9	☐			383.36	0.0013	P	30.0

$$y = 2.4405E-005 * x + 0.0012$$

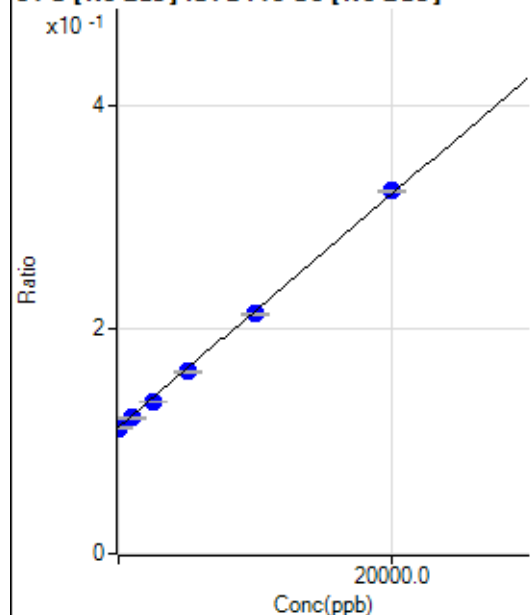
$$R = 0.9999$$

$$DL = 12.06$$

$$BEC = 48.29$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	90.279	718618.04	0.1139	P	0.9
2	☐	0.000					
3	☐	0.000	-90.279	725766.95	0.1120	P	0.7
4	☐	1000.000	788.344	781910.28	0.1211	P	0.5
5	☐	2500.000	2100.863	884258.24	0.1348	P	0.3
6	☐	5000.000	4735.042	1036560.06	0.1621	P	0.7
7	☐	10000.000	9713.990	1380687.91	0.2138	P	0.7
8	☐	20000.000	20269.719	2073358.21	0.3235	P	0.8
9	☐			654052.29	0.1032	P	2.2

$$y = 1.0385\text{E-}005 * x + 0.1130$$

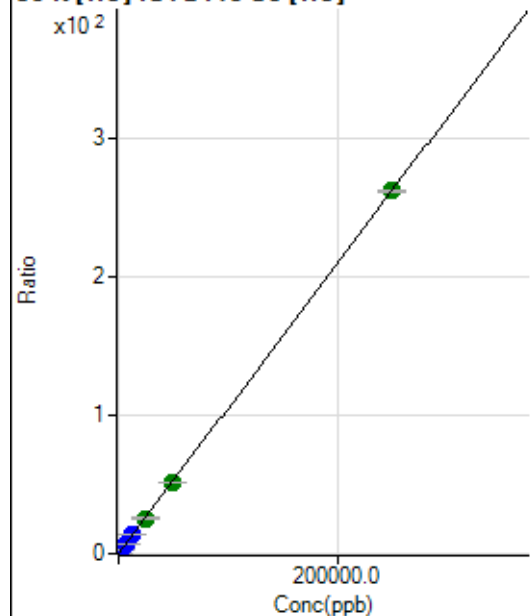
$$R = 0.9996$$

$$DL = 252.3$$

$$BEC = 1.088\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40606.63	0.1406	P	0.6
2	☐	50.000					
3	☐	500.000	431.088	173894.13	0.5909	P	1.2
4	☐	2500.000	2500.769	817637.99	2.7526	P	0.1
5	☐	6250.000	6289.804	2000159.14	6.7101	P	0.4
6	☐	12500.000	12480.857	3838891.71	13.1765	P	0.0
7	☐	25000.000	24340.818	7561425.52	25.5639	A	0.7
8	☐	50000.000	48658.405	15163282.98	50.9629	A	0.7
9	☐	250000.00	250334.32	79906987.89	261.6077	A	0.6

$$y = 0.0010 * x + 0.1406$$

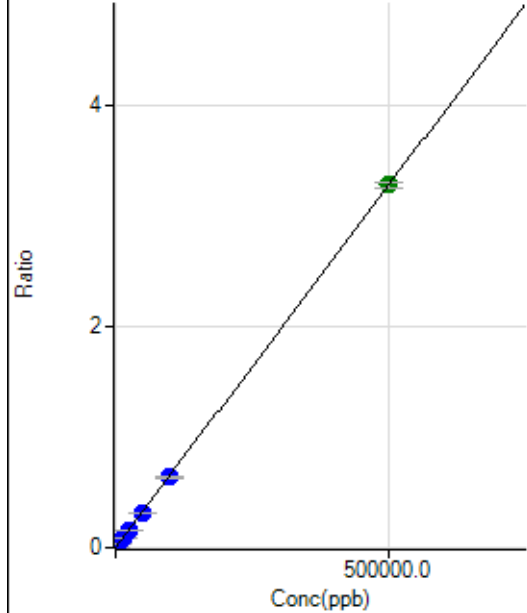
$$R = 1.0000$$

$$DL = 2.223$$

$$BEC = 134.6$$

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	372.24	0.0001	P	11.8
2	☐	50.000					
3	☐	500.000	410.985	17791.86	0.0027	P	1.5
4	☐	5000.000	4868.528	205841.00	0.0319	P	0.6
5	☐	12500.000	12234.809	525246.46	0.0801	P	0.4
6	☐	25000.000	24503.574	1024673.55	0.1603	P	0.7
7	☐	50000.000	48522.684	2048862.22	0.3173	P	0.3
8	☐	100000.00	97049.023	4067739.46	0.6346	P	0.8
9	☐	500000.00	500770.78	20753288.66	3.2743	A	1.3

$$y = 6.5383E-006 * x + 5.8969E-005$$

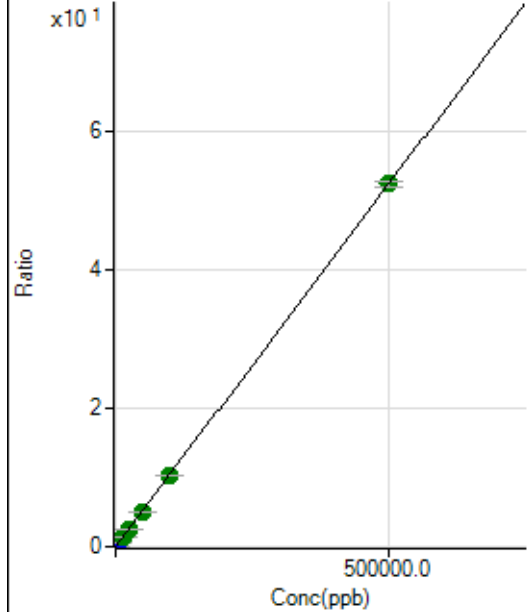
$$R = 1.0000$$

$$DL = 3.186$$

$$BEC = 9.019$$

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	13832.18	0.0022	P	0.8
2	☐	50.000					
3	☐	500.000	419.566	299031.14	0.0462	P	0.5
4	☐	5000.000	4986.472	3386530.11	0.5247	P	0.2
5	☐	12500.000	12285.248	8460053.92	1.2894	A	0.4
6	☐	25000.000	24736.915	16585103.84	2.5941	A	0.5
7	☐	50000.000	48726.364	32979335.11	5.1077	A	0.3
8	☐	100000.00	97481.642	65484418.83	10.2162	A	1.0
9	☐	500000.00	500649.77	332504474.1	52.4596	A	1.4

$$y = 1.0478E-004 * x + 0.0022$$

$$R = 1.0000$$

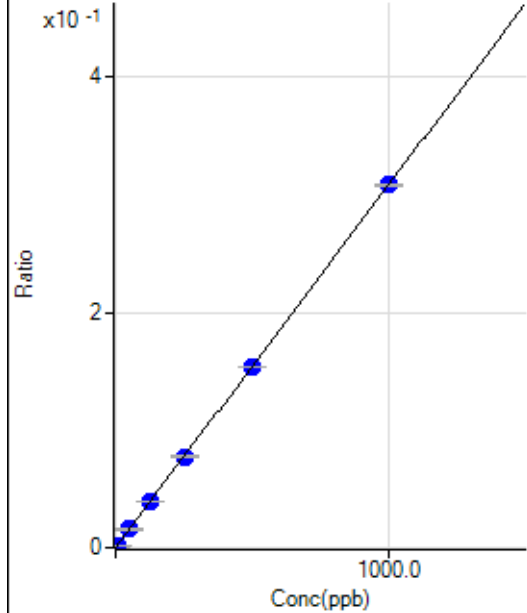
$$DL = 0.52$$

$$BEC = 20.92$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	25.4
2	☐	0.500					
3	☐	5.000	4.254	8647.38	0.0013	P	3.7
4	☐	50.000	50.413	100530.27	0.0156	P	1.5
5	☐	125.000	125.457	254090.55	0.0387	P	0.7
6	☐	250.000	251.312	495835.17	0.0776	P	0.8
7	☐	500.000	498.640	993423.69	0.1539	P	0.5
8	☐	1000.000	1000.278	1978275.67	0.3086	P	0.3
9	☐			4125.96	0.0007	P	68.8

$$y = 3.0851E-004 * x + 2.2440E-005$$

$$R = 1.0000$$

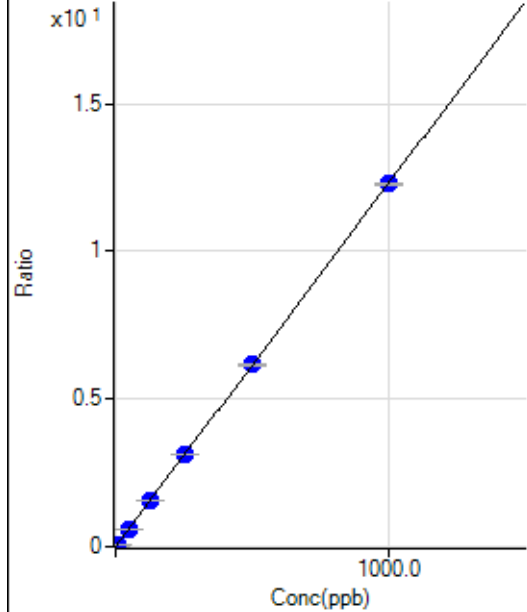
$$DL = 0.05533$$

$$BEC = 0.07274$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0001	P	33.6
2	☐	0.500					
3	☐	5.000	4.357	15805.33	0.0537	P	1.6
4	☐	50.000	50.206	183501.60	0.6178	P	0.1
5	☐	125.000	126.062	462321.18	1.5510	P	0.1
6	☐	250.000	252.148	903794.47	3.1022	P	0.2
7	☐	500.000	500.734	1822224.92	6.1604	P	0.4
8	☐	1000.000	998.956	3656620.95	12.2899	P	0.3
9	☐			1751.24	0.0057	P	5.1

$$y = 0.0123 * x + 9.2431E-005$$

$$R = 1.0000$$

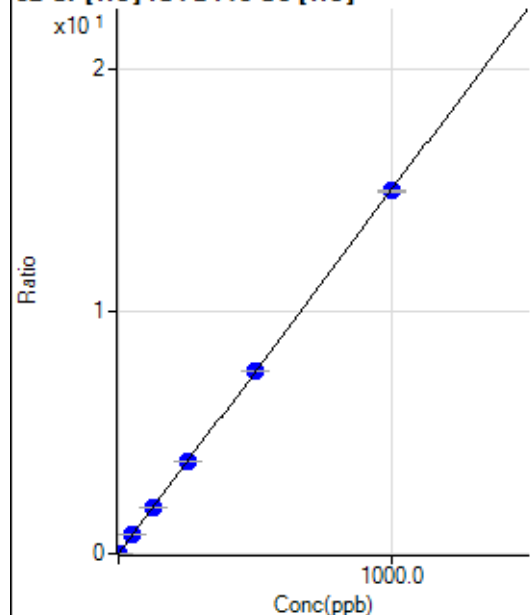
$$DL = 0.007584$$

$$BEC = 0.007513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1493.44	0.0052	P	8.8
2	☐	0.200					
3	☐	2.000	1.865	9771.16	0.0332	P	1.5
4	☐	50.000	51.544	231696.57	0.7800	P	0.2
5	☐	125.000	128.232	576138.50	1.9328	P	0.7
6	☐	250.000	254.462	1115956.98	3.8304	P	0.4
7	☐	500.000	502.434	2235622.88	7.5580	P	0.2
8	☐	1000.000	997.187	4461642.81	14.9954	P	0.4
9	☐			107718.48	0.3527	P	1.1

$$y = 0.0150 * x + 0.0052$$

$$R = 1.0000$$

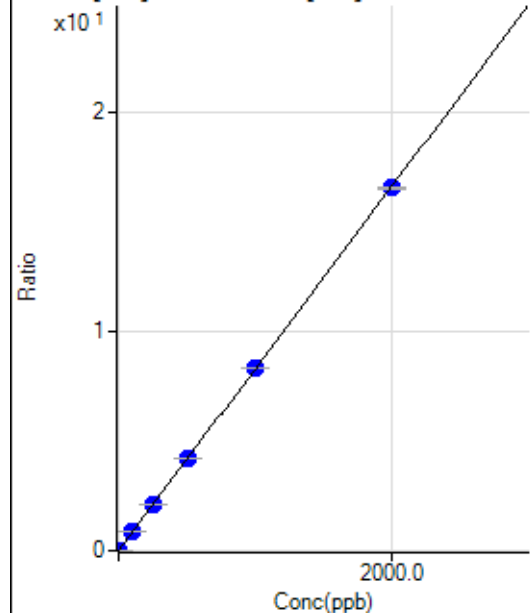
$$DL = 0.09111$$

$$BEC = 0.3439$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.79	0.0016	P	3.7
2	☐	0.100					
3	☐	1.000	0.750	2299.11	0.0078	P	4.3
4	☐	100.000	101.626	251310.09	0.8460	P	1.2
5	☐	250.000	256.199	635031.70	2.1304	P	0.6
6	☐	500.000	507.619	1229326.60	4.2195	P	0.6
7	☐	1000.000	1005.423	2471625.60	8.3559	P	0.3
8	☐	2000.000	1994.528	4931511.21	16.5746	P	0.4
9	☐			18609.74	0.0609	P	1.0

$$y = 0.0083 * x + 0.0016$$

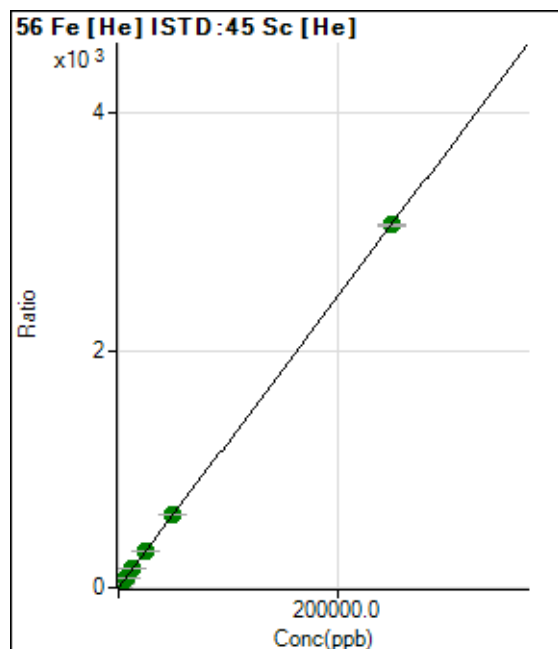
$$R = 1.0000$$

$$DL = 0.02111$$

$$BEC = 0.1907$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5580.88	0.0193	P	2.6
2	☐	5.000					
3	☐	50.000	44.238	165111.77	0.5610	P	1.0
4	☐	2500.000	2609.394	9497048.59	31.9717	A	0.5
5	☐	6250.000	6520.451	23805787.80	79.8631	A	0.2
6	☐	12500.000	12976.579	46300291.31	158.9193	A	0.5
7	☐	25000.000	25555.197	92566386.33	312.9461	A	0.3
8	☐	50000.000	50221.275	182979542.9	614.9855	A	0.8
9	☐	250000.00	249868.54	934585932.0	3,059.692	A	0.6

$$y = 0.0122 * x + 0.0193$$

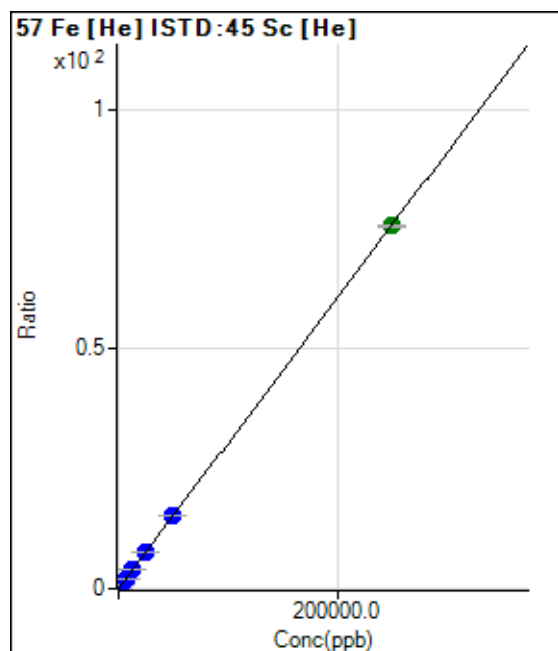
$$R = 1.0000$$

$$DL = 0.121$$

$$BEC = 1.578$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	129.63	0.0004	P	20.3
2	☐	5.000					
3	☐	50.000	45.911	4228.52	0.0144	P	2.4
4	☐	2500.000	2584.067	232842.71	0.7839	P	0.5
5	☐	6250.000	6509.866	588422.73	1.9740	P	0.6
6	☐	12500.000	12924.377	1141684.84	3.9187	P	0.6
7	☐	25000.000	25370.520	2275232.05	7.6920	P	0.2
8	☐	50000.000	50376.604	4544267.87	15.2731	P	0.7
9	☐	250000.00	249859.07	23138396.12	75.7499	A	0.3

$$y = 3.0317E-004 * x + 4.4918E-004$$

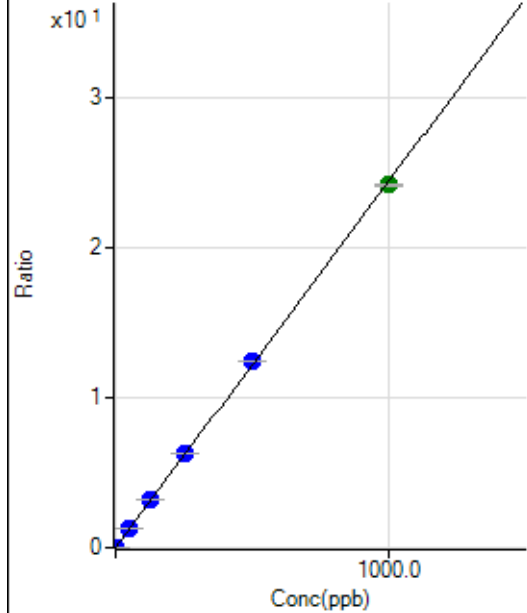
$$R = 1.0000$$

$$DL = 0.9011$$

$$BEC = 1.482$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	190.00	0.0007	P	11.6
2	☐	0.100					
3	☐	1.000	0.916	6761.67	0.0230	P	2.0
4	☐	50.000	52.811	382291.61	1.2870	P	0.1
5	☐	125.000	131.675	956217.11	3.2079	P	0.3
6	☐	250.000	259.441	1841283.13	6.3200	P	0.4
7	☐	500.000	510.770	3680108.69	12.4417	P	0.3
8	☐	1000.000	991.280	7184105.17	24.1456	A	0.3
9	☐			10628.46	0.0348	P	3.0

$$y = 0.0244 * x + 6.5759E-004$$

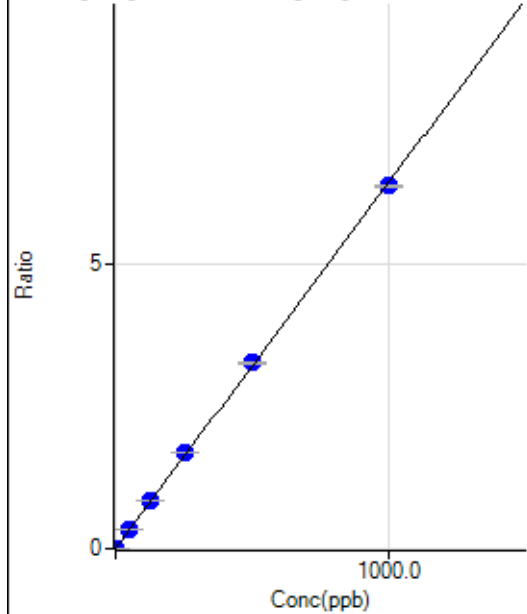
$$R = 0.9999$$

$$DL = 0.009373$$

$$BEC = 0.027$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.79	0.0016	P	3.0
2	☐	0.100					
3	☐	1.000	0.932	2229.10	0.0076	P	5.5
4	☐	50.000	52.922	101482.67	0.3416	P	1.1
5	☐	125.000	132.040	253374.77	0.8500	P	0.6
6	☐	250.000	261.676	490335.97	1.6830	P	0.2
7	☐	500.000	508.759	967418.86	3.2707	P	0.7
8	☐	1000.000	991.675	1896376.10	6.3737	P	0.3
9	☐			28279.70	0.0926	P	0.4

$$y = 0.0064 * x + 0.0016$$

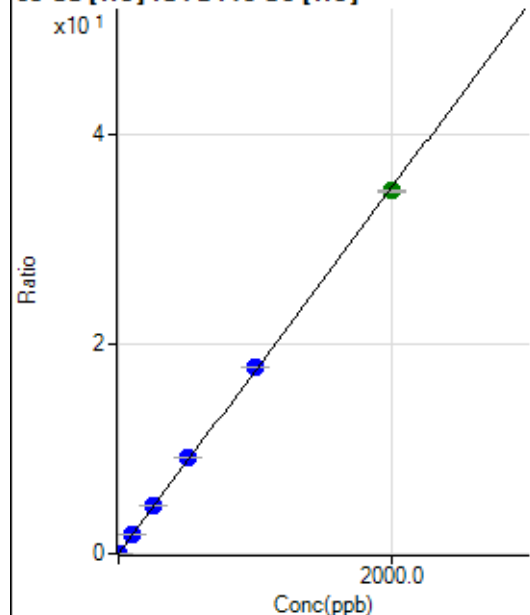
$$R = 0.9999$$

$$DL = 0.02227$$

$$BEC = 0.2467$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2813.65	0.0097	P	0.3
2	☐	0.200					
3	☐	2.000	2.119	13741.07	0.0467	P	1.2
4	☐	100.000	105.715	550271.09	1.8525	P	0.6
5	☐	250.000	264.972	1379693.00	4.6286	P	0.3
6	☐	500.000	522.886	2658321.96	9.1244	P	0.5
7	☐	1000.000	1017.805	5250694.99	17.7515	P	0.5
8	☐	2000.000	1983.219	10288696.52	34.5800	A	0.4
9	☐			19304.01	0.0632	P	0.7

$$y = 0.0174 * x + 0.0097$$

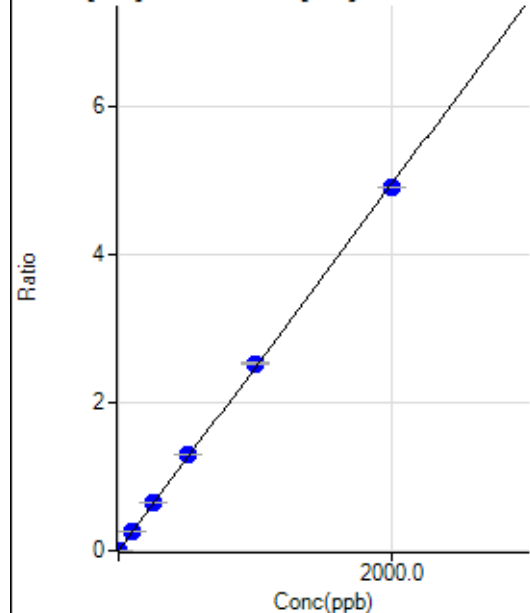
$$R = 0.9999$$

$$DL = 0.004368$$

$$BEC = 0.5589$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	234.45	0.0008	P	3.3
2	☐	0.200					
3	☐	2.000	1.814	1561.22	0.0053	P	5.7
4	☐	100.000	104.910	77466.22	0.2608	P	0.9
5	☐	250.000	263.661	195004.13	0.6542	P	0.7
6	☐	500.000	523.600	378267.87	1.2984	P	0.3
7	☐	1000.000	1022.810	749967.04	2.5355	P	0.5
8	☐	2000.000	1980.742	1460690.26	4.9094	P	0.1
9	☐			6933.97	0.0227	P	2.3

$$y = 0.0025 * x + 8.1179E-004$$

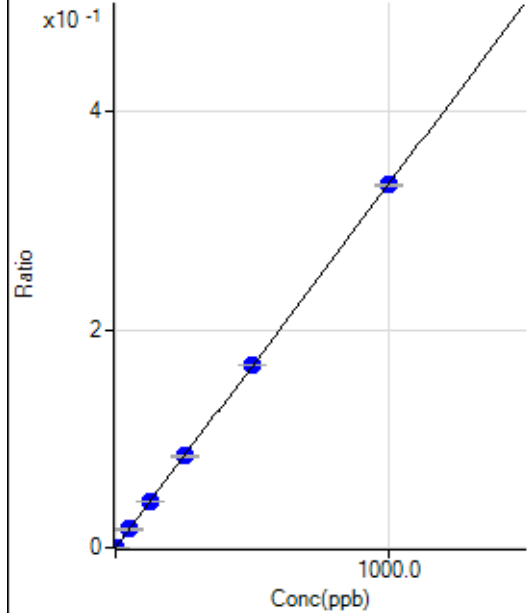
$$R = 0.9998$$

$$DL = 0.03284$$

$$BEC = 0.3276$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	56.8
2	☐	0.100					
3	☐	1.000	0.874	465.44	0.0003	P	6.8
4	☐	50.000	50.270	26074.00	0.0168	P	0.9
5	☐	125.000	126.056	66016.72	0.0421	P	0.3
6	☐	250.000	251.762	128894.88	0.0840	P	1.0
7	☐	500.000	501.617	258584.67	0.1674	P	0.4
8	☐	1000.000	998.605	515342.82	0.3332	P	0.5
9	☐			604.34	0.0004	P	2.4

$$y = 3.3363\text{E-}004 * x + 1.0184\text{E-}005$$

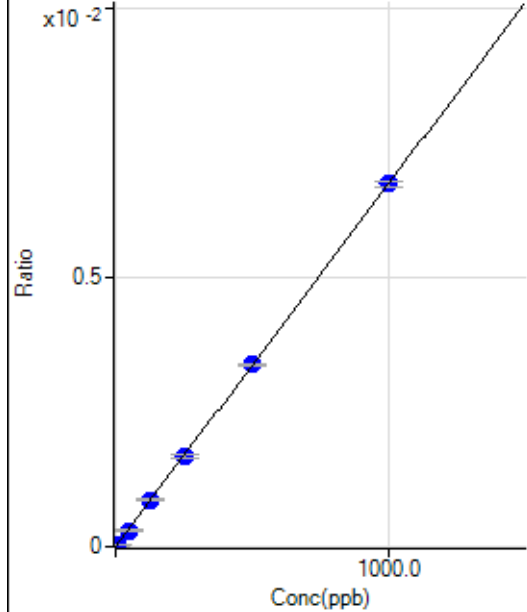
$$R = 1.0000$$

$$DL = 0.05199$$

$$BEC = 0.03053$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.948	42.22	0.0000	P	63.6
4	☐	50.000	44.740	470.01	0.0003	P	5.0
5	☐	125.000	128.164	1357.87	0.0009	P	5.4
6	☐	250.000	247.708	2564.73	0.0017	P	4.1
7	☐	500.000	500.856	5219.92	0.0034	P	1.4
8	☐	1000.000	1000.018	10432.80	0.0067	P	1.9
9	☐			14.44	0.0000	P	35.3

$$y = 6.7443\text{E-}006 * x + 7.3532\text{E-}007$$

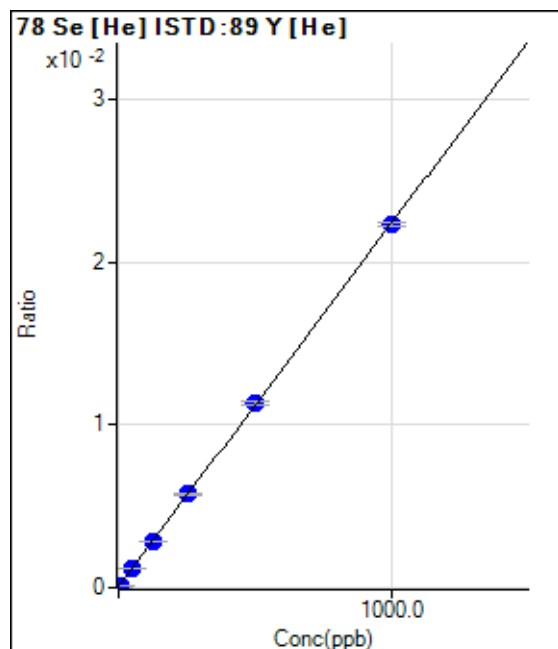
$$R = 1.0000$$

$$DL = 0.5665$$

$$BEC = 0.109$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.12	0.0001	P	16.7
2	☐	0.500					
3	☐	5.000	4.884	259.88	0.0002	P	6.6
4	☐	50.000	49.759	1819.27	0.0012	P	3.3
5	☐	125.000	126.322	4521.73	0.0029	P	0.5
6	☐	250.000	254.468	8813.23	0.0057	P	1.7
7	☐	500.000	506.477	17573.07	0.0114	P	2.0
8	☐	1000.000	995.492	34490.31	0.0223	P	0.9
9	☐			139.51	0.0001	P	8.5

$$y = 2.2339\text{E-}005 * x + 5.9405\text{E-}005$$

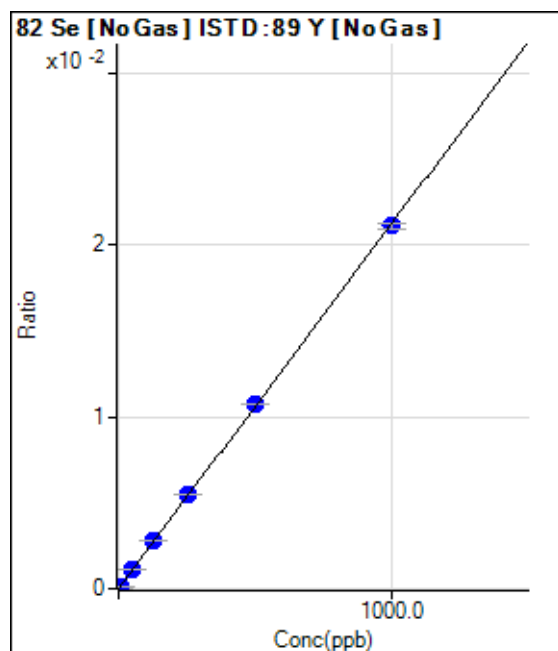
R = 1.0000

DL = 1.333

BEC = 2.659

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-60.22	0.0000	P	-45.
2	☐	0.500					
3	☐	5.000	4.483	933.60	0.0001	P	9.2
4	☐	50.000	51.015	11263.07	0.0011	P	2.3
5	☐	125.000	129.888	29033.93	0.0028	P	0.2
6	☐	250.000	257.456	56567.24	0.0055	P	0.7
7	☐	500.000	505.629	112767.22	0.0107	P	0.3
8	☐	1000.000	994.663	220993.55	0.0211	P	1.4
9	☐			274.00	0.0000	P	27.1

$$y = 2.1238\text{E-}005 * x - 5.9623\text{E-}006$$

R = 0.9999

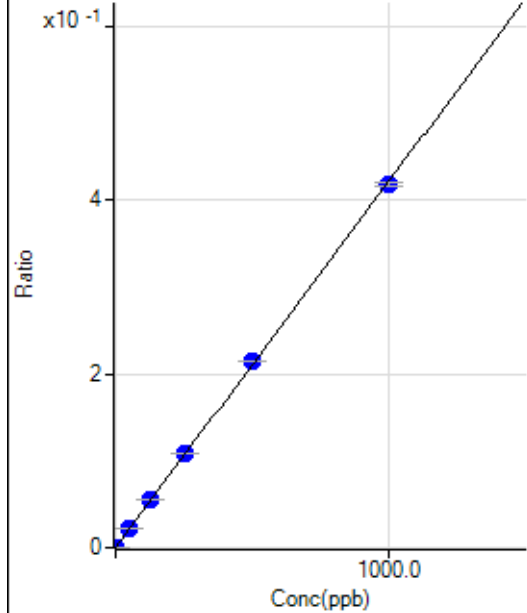
DL = 0.3801

BEC = -0.2807

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2033.57	0.0002	P	4.8
2	☐	0.100					
3	☐	1.000	0.811	5670.79	0.0005	P	6.4
4	☐	50.000	51.813	229878.87	0.0220	P	0.5
5	☐	125.000	129.884	578286.89	0.0548	P	0.5
6	☐	250.000	258.947	1129974.93	0.1091	P	0.3
7	☐	500.000	510.791	2259207.71	0.2150	P	0.3
8	☐	1000.000	991.667	4366550.62	0.4173	P	1.0
9	☐			140640.25	0.0141	P	1.0

$$y = 4.2056E-004 * x + 2.0107E-004$$

$$R = 0.9999$$

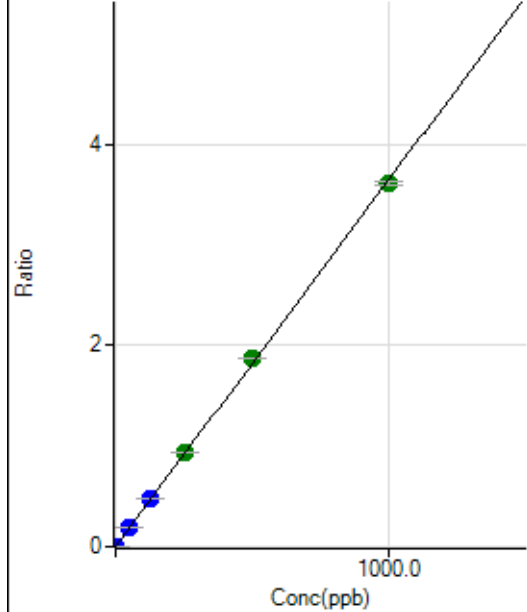
$$DL = 0.06843$$

$$BEC = 0.4781$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.24	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.882	34058.12	0.0033	P	0.9
4	☐	50.000	51.837	1976676.11	0.1891	P	0.7
5	☐	125.000	131.734	5068272.12	0.4805	P	0.3
6	☐	250.000	258.923	9780978.69	0.9444	A	0.4
7	☐	500.000	514.002	19697959.64	1.8747	A	0.5
8	☐	1000.000	989.835	37781070.29	3.6102	A	0.9
9	☐			1206178.11	0.1210	P	0.3

$$y = 0.0036 * x + 3.6814E-005$$

$$R = 0.9998$$

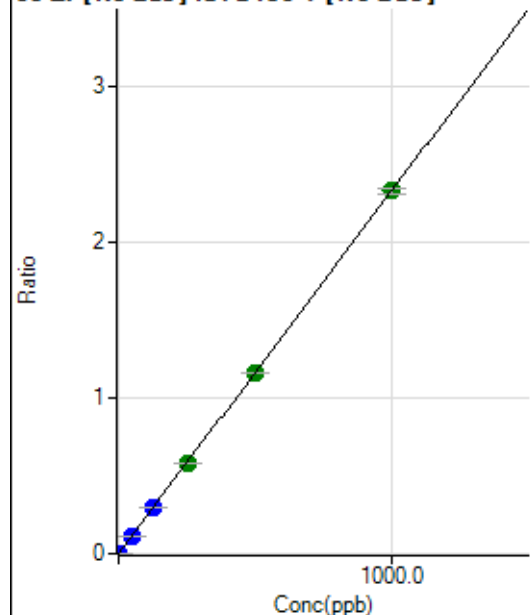
$$DL = 0.004225$$

$$BEC = 0.01009$$

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	847.29	0.0001	P	18.5
2	☐	0.100					
3	☐	1.000	0.747	19080.14	0.0018	P	1.4
4	☐	50.000	49.300	1200998.41	0.1149	P	0.0
5	☐	125.000	125.304	3078845.20	0.2919	P	0.1
6	☐	250.000	249.320	6014329.52	0.5807	A	0.4
7	☐	500.000	499.644	12226682.56	1.1637	A	0.2
8	☐	1000.000	1000.345	24379493.25	2.3297	A	1.2
9	☐			6451.78	0.0006	P	5.6

$$y = 0.0023 * x + 8.3829E-005$$

$$R = 1.0000$$

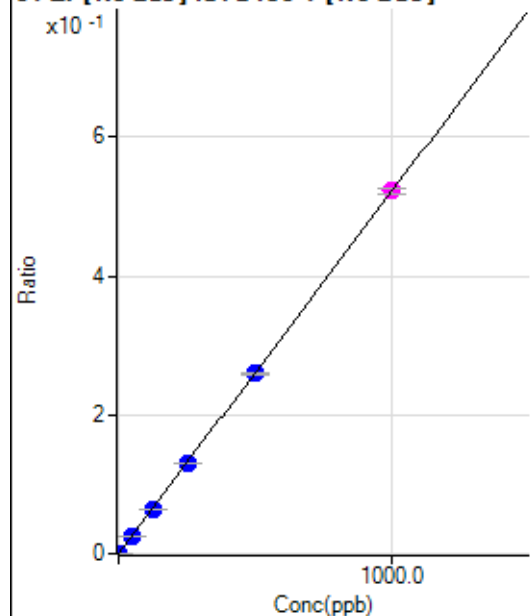
$$DL = 0.01997$$

$$BEC = 0.036$$

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	202.79	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.780	4467.56	0.0004	P	3.7
4	☐	50.000	49.046	267598.56	0.0256	P	1.1
5	☐	125.000	124.430	684728.62	0.0649	P	0.4
6	☐	250.000	248.145	1340592.78	0.1294	P	0.2
7	☐	500.000	496.682	2722006.33	0.2591	P	0.6
8	☐	1000.000	1002.242	5470211.84	0.5227	M	1.3
9	☐			1411.25	0.0001	P	2.7

$$y = 5.2155E-004 * x + 2.0045E-005$$

$$R = 1.0000$$

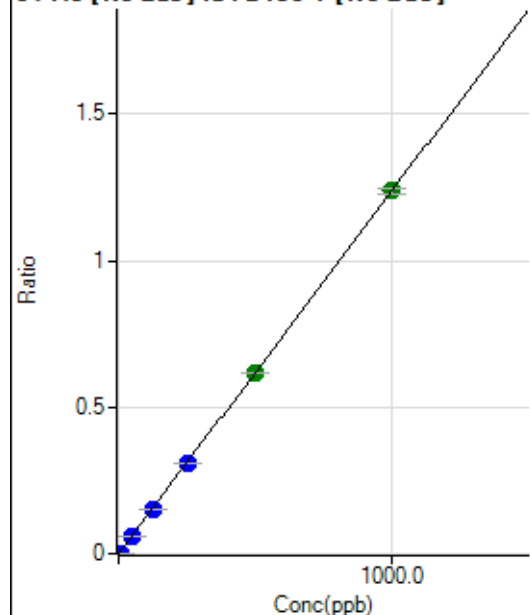
$$DL = 0.0195$$

$$BEC = 0.03843$$

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	400.02	0.0000	P	7.3
2	☐	0.500					
3	☐	5.000	1.821	23954.35	0.0023	P	2.0
4	☐	50.000	48.762	630377.56	0.0603	P	1.0
5	☐	125.000	123.721	1613279.79	0.1530	P	0.6
6	☐	250.000	248.180	3177191.72	0.3068	P	0.3
7	☐	500.000	498.401	6472622.02	0.6160	A	0.3
8	☐	1000.000	1001.492	12952465.91	1.2378	A	1.8
9	☐			22356.94	0.0022	P	5.2

$$y = 0.0012 * x + 3.9545E-005$$

$$R = 1.0000$$

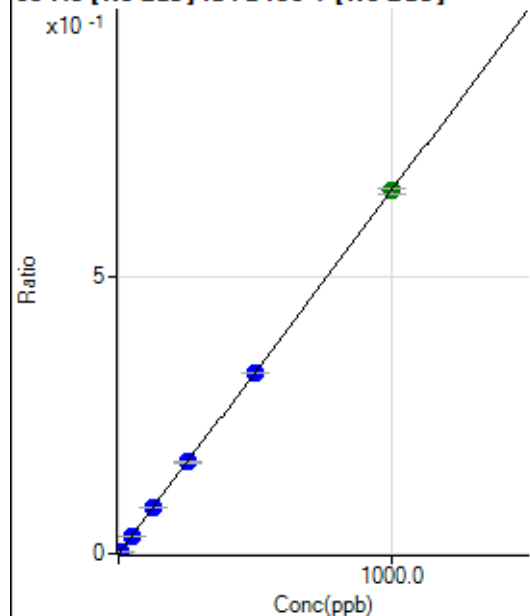
$$DL = 0.007$$

$$BEC = 0.032$$

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	113.89	0.0000	P	37.3
2	☐	0.500					
3	☐	5.000	4.255	29250.44	0.0028	P	2.5
4	☐	50.000	49.496	338691.13	0.0324	P	0.1
5	☐	125.000	125.934	869361.63	0.0824	P	0.8
6	☐	250.000	251.999	1708025.62	0.1649	P	0.4
7	☐	500.000	499.772	3436413.97	0.3271	P	0.2
8	☐	1000.000	999.526	6844571.86	0.6541	A	1.8
9	☐			34969.05	0.0035	P	5.6

$$y = 6.5439E-004 * x + 1.1272E-005$$

$$R = 1.0000$$

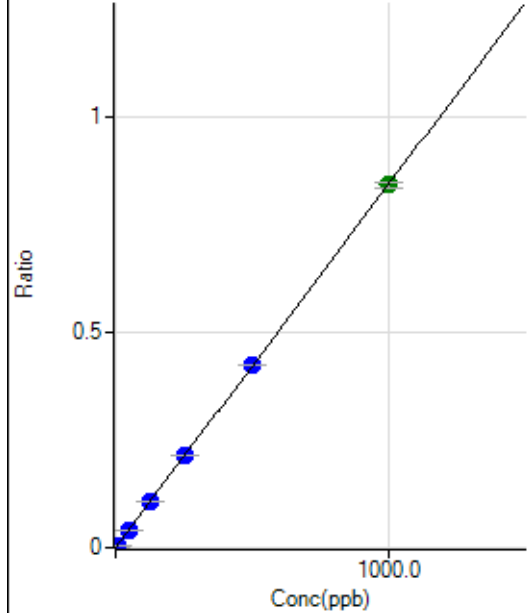
$$DL = 0.01929$$

$$BEC = 0.01723$$

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	219.46	0.0000	P	27.4
2	☐	0.500					
3	☐	5.000	3.632	32237.72	0.0031	P	2.5
4	☐	50.000	49.331	434633.22	0.0416	P	0.3
5	☐	125.000	125.653	1116760.43	0.1059	P	0.4
6	☐	250.000	252.119	2199956.32	0.2124	P	0.3
7	☐	500.000	501.561	4439759.00	0.4226	P	0.5
8	☐	1000.000	998.648	8803665.39	0.8413	A	1.7
9	☐			42383.67	0.0043	P	5.7

$$y = 8.4244\text{E-}004 * x + 2.1715\text{E-}005$$

$$R = 1.0000$$

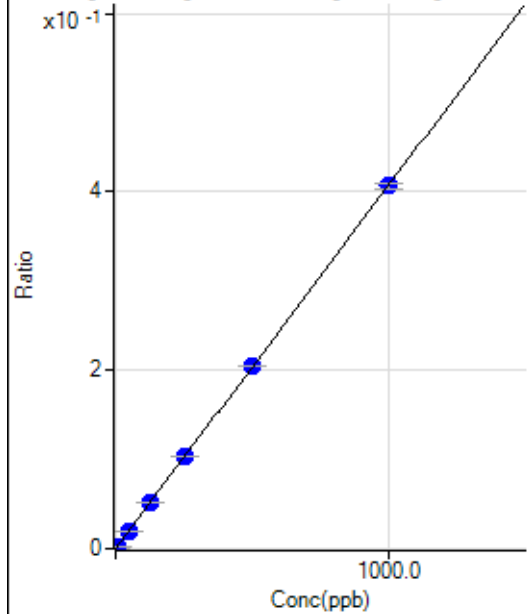
$$DL = 0.02123$$

$$BEC = 0.02578$$

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	127.79	0.0000	P	32.3
2	☐	0.500					
3	☐	5.000	4.178	17936.88	0.0017	P	2.8
4	☐	50.000	49.644	211507.01	0.0202	P	0.6
5	☐	125.000	125.830	540747.88	0.0513	P	0.4
6	☐	250.000	252.791	1066547.96	0.1030	P	0.7
7	☐	500.000	501.256	2145387.81	0.2042	P	0.4
8	☐	1000.000	998.592	4256621.75	0.4068	P	1.3
9	☐			21951.11	0.0022	P	7.6

$$y = 4.0733\text{E-}004 * x + 1.2618\text{E-}005$$

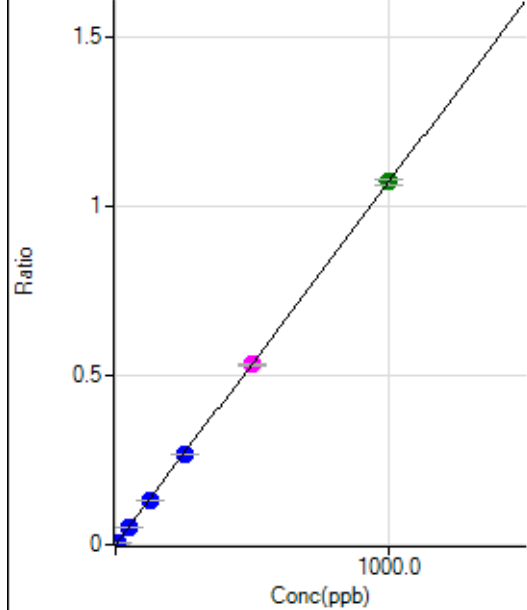
$$R = 1.0000$$

$$DL = 0.03004$$

$$BEC = 0.03098$$

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	236.13	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	4.163	46886.60	0.0045	P	1.1
4	☐	50.000	48.946	548099.84	0.0524	P	1.0
5	☐	125.000	123.839	1398960.39	0.1326	P	0.4
6	☐	250.000	250.313	2776233.25	0.2681	P	0.5
7	☐	500.000	497.334	5595686.28	0.5326	M	0.5
8	☐	1000.000	1001.457	11221795.91	1.0724	A	1.5
9	☐			56078.23	0.0056	P	6.0

$$y = 0.0011 * x + 2.3370E-005$$

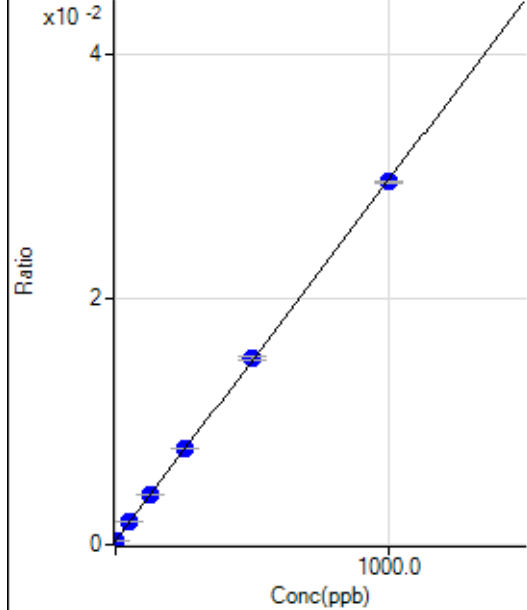
$$R = 1.0000$$

$$DL = 0.01772$$

$$BEC = 0.02182$$

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	3764.54	0.0003	P	3.1
2	☐	0.100					
3	☐	1.000	0.906	4223.04	0.0003	P	3.6
4	☐	50.000	52.449	24549.88	0.0018	P	2.1
5	☐	125.000	129.746	56005.94	0.0041	P	0.3
6	☐	250.000	256.230	105297.98	0.0078	P	0.8
7	☐	500.000	505.525	206355.05	0.0152	P	2.0
8	☐	1000.000	994.964	401352.21	0.0295	P	0.6
9	☐			3617.27	0.0003	P	3.2

$$y = 2.9406E-005 * x + 2.8822E-004$$

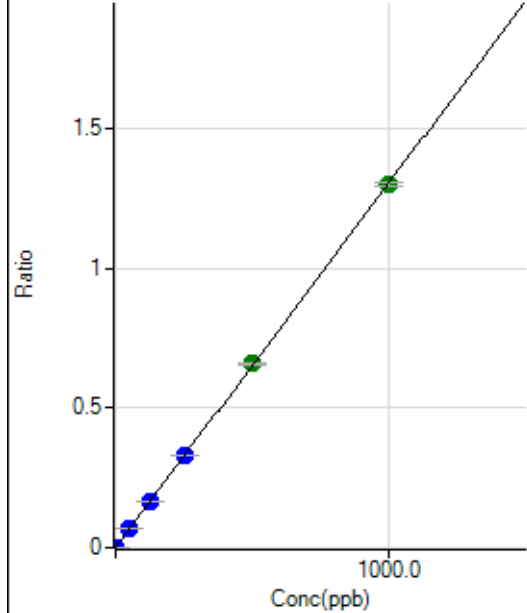
$$R = 1.0000$$

$$DL = 0.9112$$

$$BEC = 9.802$$

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	147.23	0.0000	P	41.3
2	☐	0.100					
3	☐	1.000	1.171	20607.43	0.0015	P	1.6
4	☐	50.000	51.960	908097.76	0.0677	P	0.4
5	☐	125.000	128.655	2287769.78	0.1676	P	0.5
6	☐	250.000	254.318	4459791.59	0.3313	P	0.3
7	☐	500.000	504.424	8949269.73	0.6572	A	1.0
8	☐	1000.000	996.154	17628899.18	1.2978	A	0.9
9	☐			2986.62	0.0002	P	12.3

$$y = 0.0013 * x + 1.1284E-005$$

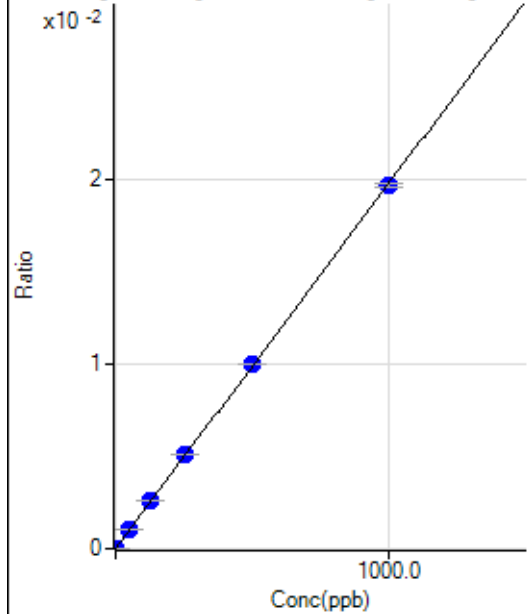
$$R = 1.0000$$

$$DL = 0.01074$$

$$BEC = 0.008661$$

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	12.50	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	0.922	256.95	0.0000	P	20.3
4	☐	50.000	52.329	13852.85	0.0010	P	2.4
5	☐	125.000	129.991	35001.76	0.0026	P	1.0
6	☐	250.000	259.203	68817.70	0.0051	P	1.2
7	☐	500.000	505.079	135661.14	0.0100	P	0.4
8	☐	1000.000	994.419	266408.11	0.0196	P	1.0
9	☐			70.83	0.0000	P	9.9

$$y = 1.9721E-005 * x + 9.5631E-007$$

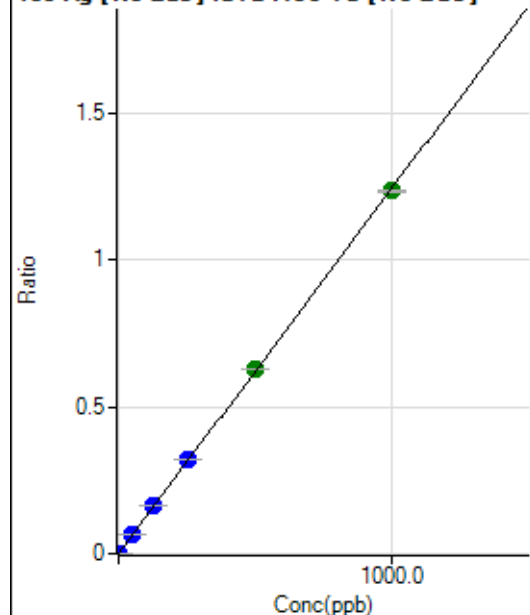
$$R = 0.9999$$

$$DL = 0.04806$$

$$BEC = 0.04849$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	43.1
2	☐	0.100					
3	☐	1.000	1.173	19655.98	0.0015	P	0.5
4	☐	50.000	52.116	868738.42	0.0648	P	0.8
5	☐	125.000	130.187	2208148.86	0.1618	P	0.5
6	☐	250.000	257.078	4300167.98	0.3195	P	0.1
7	☐	500.000	505.974	8562566.08	0.6288	A	0.7
8	☐	1000.000	994.489	16787771.21	1.2358	A	0.4
9	☐			2847.80	0.0002	P	12.5

$$y = 0.0012 * x + 8.3036E-006$$

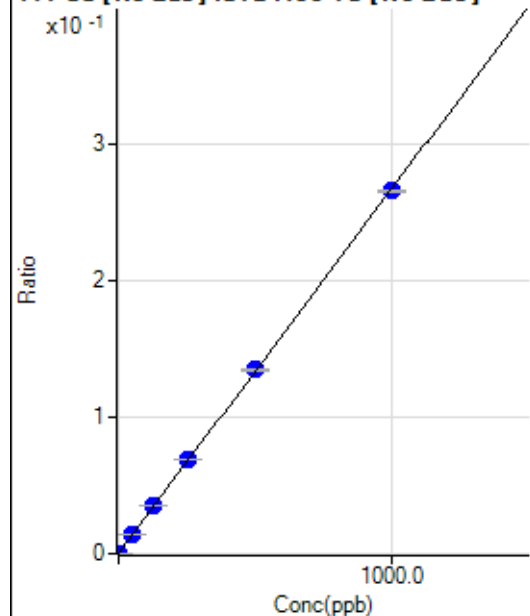
$$R = 0.9999$$

$$DL = 0.008645$$

$$BEC = 0.006682$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2655.60	0.0002	P	2.6
2	☐	0.100					
3	☐	1.000	0.893	5923.90	0.0004	P	3.6
4	☐	50.000	52.105	189225.44	0.0141	P	1.3
5	☐	125.000	129.098	473003.44	0.0347	P	0.5
6	☐	250.000	257.309	927039.37	0.0689	P	0.2
7	☐	500.000	504.587	1836584.60	0.1349	P	0.6
8	☐	1000.000	995.262	3610867.38	0.2658	P	0.5
9	☐			3377.04	0.0003	P	7.7

$$y = 2.6687E-004 * x + 2.0332E-004$$

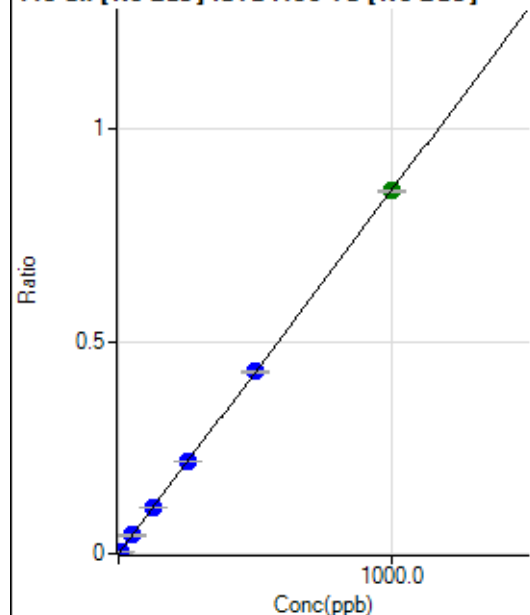
$$R = 1.0000$$

$$DL = 0.05959$$

$$BEC = 0.7619$$

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	905.63	0.0001	P	8.2
2	☐	0.500					
3	☐	5.000	4.305	50332.88	0.0038	P	0.8
4	☐	50.000	50.243	577586.08	0.0431	P	0.6
5	☐	125.000	125.245	1463702.83	0.1072	P	0.1
6	☐	250.000	252.237	2906221.29	0.2159	P	0.3
7	☐	500.000	500.748	5836274.57	0.4286	P	0.5
8	☐	1000.000	999.028	11613920.14	0.8549	A	0.8
9	☐			13279.50	0.0010	P	8.0

$$y = 8.5571\text{E-}004 * x + 6.9338\text{E-}005$$

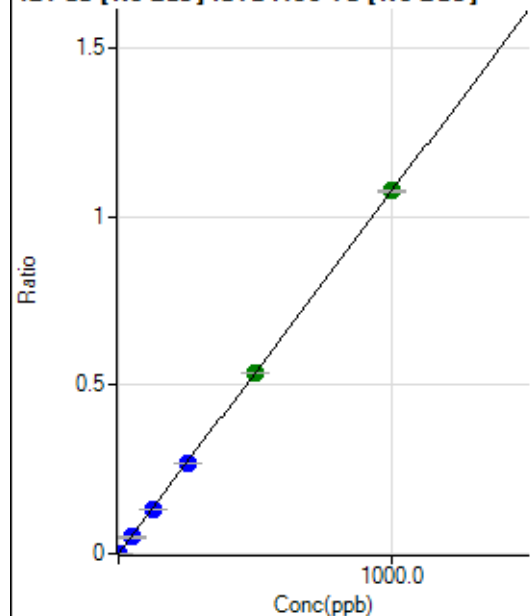
$$R = 1.0000$$

$$DL = 0.01983$$

$$BEC = 0.08103$$

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	230.57	0.0000	P	13.6
2	☐	0.200					
3	☐	2.000	1.760	25627.13	0.0019	P	3.2
4	☐	50.000	45.485	656401.10	0.0489	P	1.9
5	☐	125.000	122.056	1792105.34	0.1313	P	0.8
6	☐	250.000	248.983	3605076.64	0.2678	P	0.5
7	☐	500.000	498.910	7308234.80	0.5367	A	0.9
8	☐	1000.000	1001.394	14632230.36	1.0772	A	0.5
9	☐			59558.62	0.0046	P	5.2

$$y = 0.0011 * x + 1.7654\text{E-}005$$

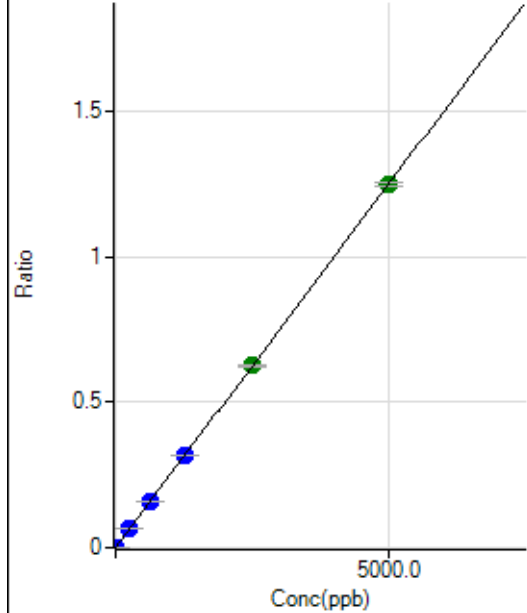
$$R = 1.0000$$

$$DL = 0.006719$$

$$BEC = 0.01641$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	10.8
2	☐	1.000					
3	☐	10.000	8.803	29651.87	0.0022	P	1.6
4	☐	250.000	253.252	849805.57	0.0634	P	1.4
5	☐	625.000	629.089	2147945.23	0.1574	P	0.3
6	☐	1250.000	1270.093	4276658.12	0.3177	P	0.5
7	☐	2500.000	2505.245	8534573.54	0.6267	A	0.4
8	☐	5000.000	4991.683	16962251.07	1.2487	A	1.0
9	☐			7263.74	0.0006	P	6.8

$$y = 2.5015\text{E-}004 * x + 8.7180\text{E-}006$$

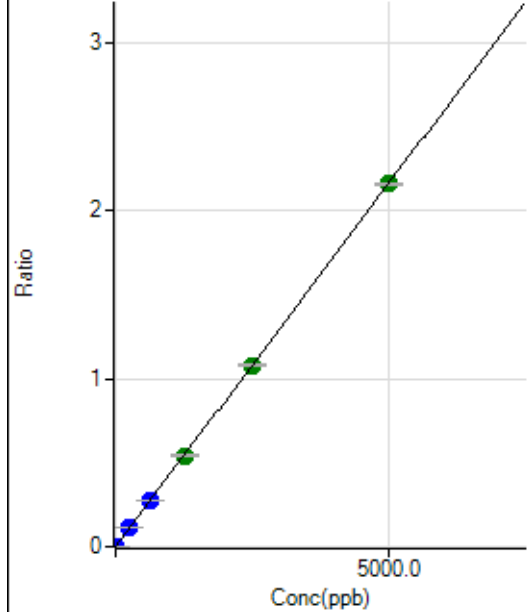
$$R = 1.0000$$

$$DL = 0.01131$$

$$BEC = 0.03485$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	20.7
2	☐	1.000					
3	☐	10.000	8.593	49999.41	0.0037	P	1.3
4	☐	250.000	253.135	1466982.27	0.1094	P	1.1
5	☐	625.000	639.849	3773034.59	0.2764	P	0.4
6	☐	1250.000	1257.027	7309909.80	0.5431	A	0.5
7	☐	2500.000	2498.858	14701961.79	1.0796	A	0.7
8	☐	5000.000	4996.804	29325014.89	2.1587	A	0.3
9	☐			12626.96	0.0010	P	8.5

$$y = 4.3202\text{E-}004 * x + 1.5746\text{E-}005$$

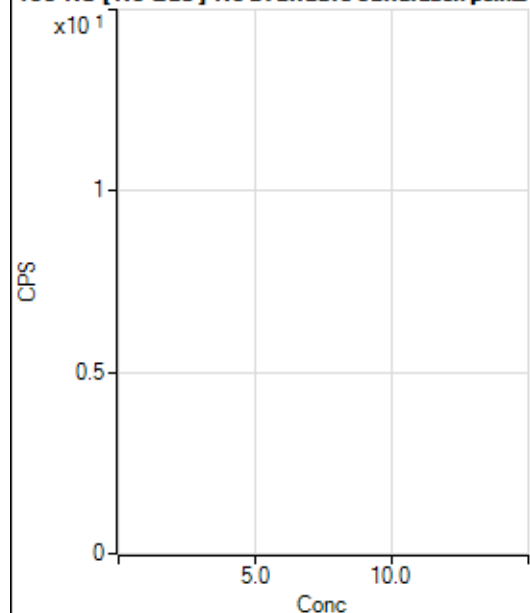
$$R = 1.0000$$

$$DL = 0.02265$$

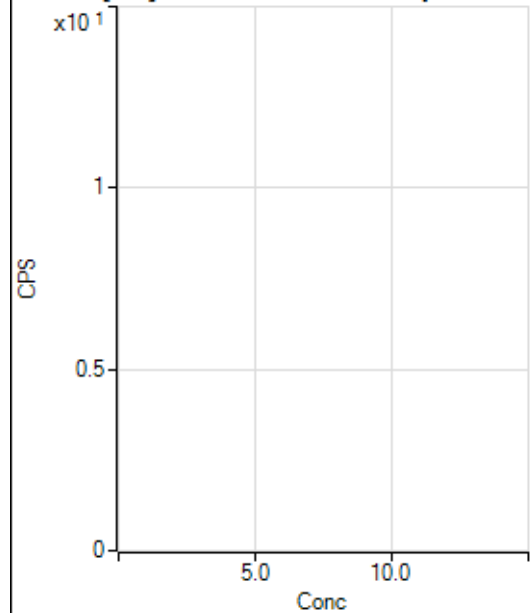
$$BEC = 0.03645$$

Weight: <None>

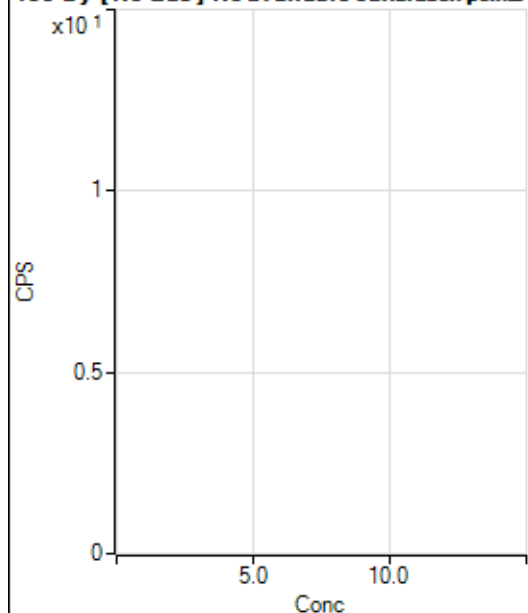
Min Conc: 0

150 Nd [No Gas] No available calibration points

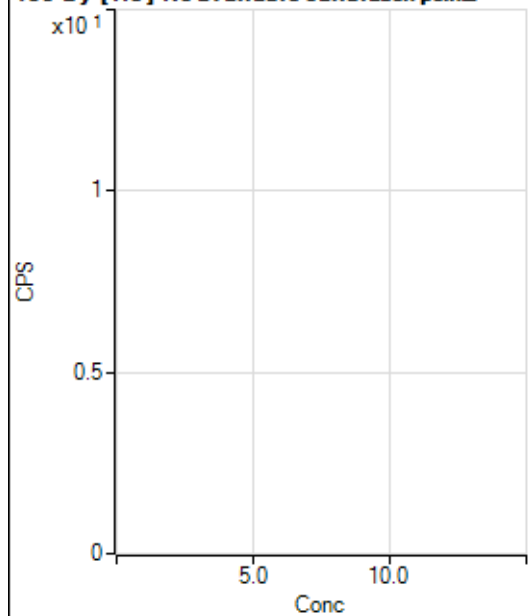
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			15.56		P	89.2
4	☐			84.45		P	31.9
5	☐			140.01		P	4.8
6	☐			326.68		P	15.9
7	☐			626.70		P	15.1
8	☐			1162.32		P	7.4
9	☐			164.45		P	12.4

150 Nd [He] No available calibration points

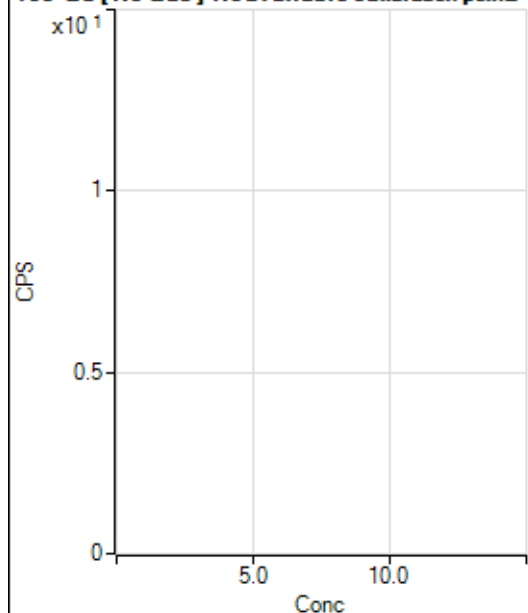
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			6.67		P	0.0
5	☐			26.67		P	37.5
6	☐			38.89		P	32.4
7	☐			72.23		P	16.2
8	☐			91.11		P	15.2
9	☐			58.89		P	29.0

156 Dy [No Gas] No available calibration points

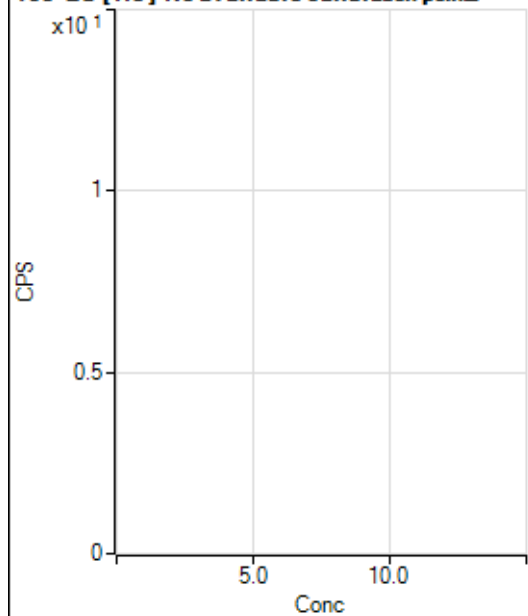
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			61.11		P	20.8
4	☐			66.67		P	76.0
5	☐			127.78		P	7.5
6	☐			91.67		P	0.0
7	☐			319.46		P	13.4
8	☐			463.92		P	11.7
9	☐			311.13		P	23.1

156 Dy [He] No available calibration points

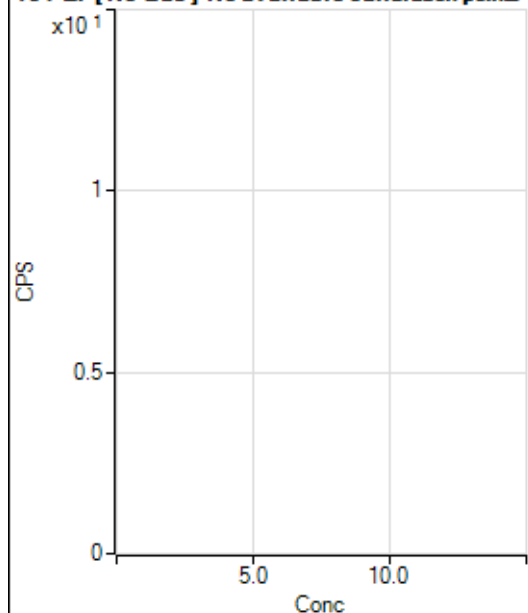
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			5.56		P	34.7
4	☐			8.89		P	43.3
5	☐			16.67		P	60.0
6	☐			34.45		P	11.2
7	☐			121.12		P	8.8
8	☐			105.56		P	25.5
9	☐			91.11		P	22.1

160 Gd [No Gas] Noavailable calibration poin_

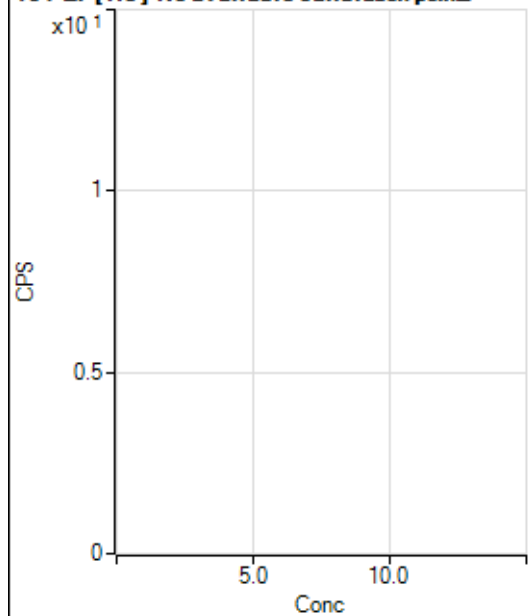
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	13.1
2	☐						
3	☐			91.67		P	24.1
4	☐			97.23		P	21.6
5	☐			122.23		P	3.9
6	☐			136.12		P	28.3
7	☐			166.68		P	17.3
8	☐			263.91		P	11.1
9	☐			255.57		P	15.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	27.7
2	☐						
3	☐			52.22		P	24.2
4	☐			56.67		P	15.6
5	☐			57.78		P	29.0
6	☐			66.67		P	13.2
7	☐			107.78		P	8.9
8	☐			130.00		P	11.2
9	☐			127.78		P	8.4

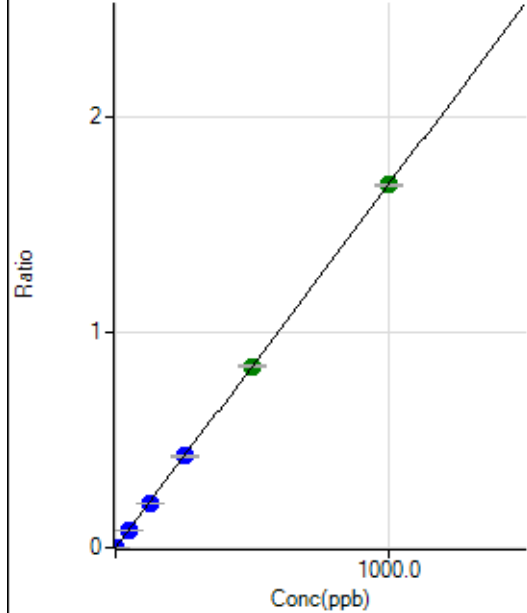
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	52.9
2	☐						
3	☐			50.00		P	44.1
4	☐			75.01		P	29.4
5	☐			47.23		P	20.4
6	☐			63.89		P	45.8
7	☐			75.00		P	40.1
8	☐			100.01		P	22.0
9	☐			86.12		P	24.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	60.0
2	☐						
3	☐			26.67		P	33.1
4	☐			23.33		P	14.3
5	☐			23.33		P	28.6
6	☐			26.67		P	12.5
7	☐			40.00		P	14.4
8	☐			48.89		P	27.5
9	☐			53.33		P	27.2

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0000	P	12.7
2	☐	0.100					
3	☐	1.000	0.848	12906.83	0.0015	P	1.1
4	☐	50.000	48.576	721106.48	0.0818	P	0.2
5	☐	125.000	123.424	1843447.63	0.2078	P	0.4
6	☐	250.000	252.058	3655335.19	0.4242	P	0.3
7	☐	500.000	500.050	7346006.85	0.8416	A	0.9
8	☐	1000.000	999.729	14528610.92	1.6825	A	0.4
9	☐			6279.85	0.0008	P	5.2

$$y = 0.0017 * x + 3.8680E-005$$

$$R = 1.0000$$

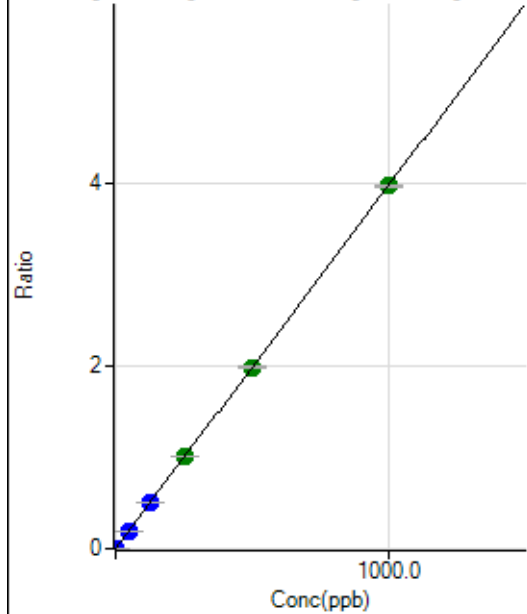
$$DL = 0.008782$$

$$BEC = 0.02298$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	766.73	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.849	30513.76	0.0035	P	2.7
4	☐	50.000	49.643	1742307.87	0.1976	P	0.1
5	☐	125.000	126.638	4471930.09	0.5040	P	0.2
6	☐	250.000	254.214	8715945.94	1.0116	A	1.1
7	☐	500.000	499.075	17335021.57	1.9859	A	0.8
8	☐	1000.000	999.222	34333626.11	3.9760	A	0.7
9	☐			14906.54	0.0020	P	5.6

$$y = 0.0040 * x + 8.9034E-005$$

$$R = 1.0000$$

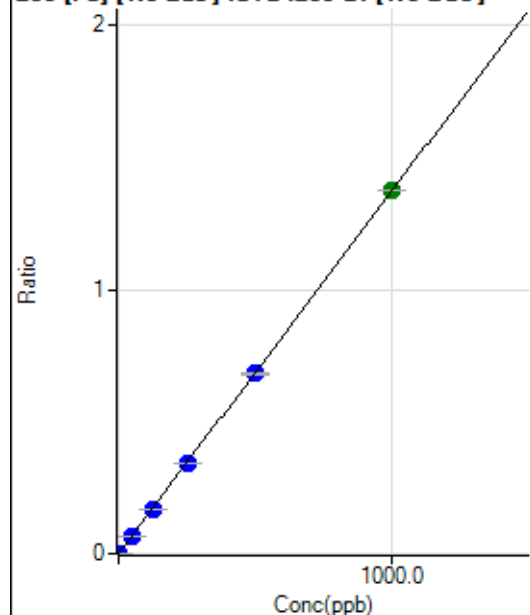
$$DL = 0.002673$$

$$BEC = 0.02238$$

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	1470.49	0.0002	P	9.1
2	☐	0.100					
3	☐	1.000	0.957	13062.29	0.0015	P	1.4
4	☐	50.000	48.532	588281.90	0.0667	P	0.3
5	☐	125.000	123.512	1504440.16	0.1695	P	0.3
6	☐	250.000	250.176	2957446.10	0.3432	P	1.2
7	☐	500.000	496.871	5949176.58	0.6815	P	0.6
8	☐	1000.000	1001.780	11864512.19	1.3740	A	0.2
9	☐			22966.70	0.0030	P	1.2

$$y = 0.0014 * x + 1.7081E-004$$

$$R = 1.0000$$

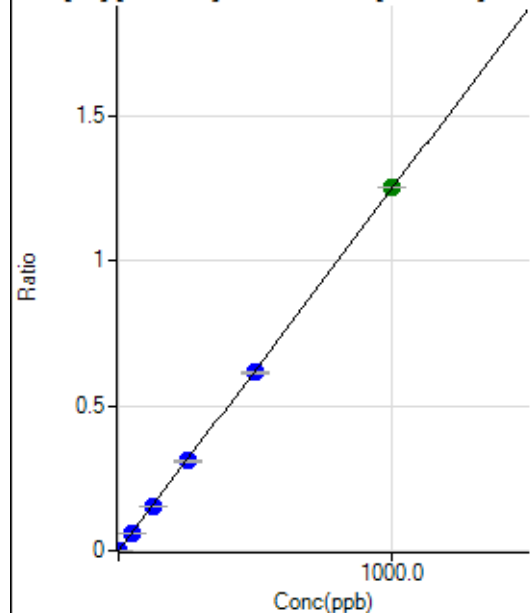
$$DL = 0.03384$$

$$BEC = 0.1246$$

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	1322.33	0.0002	P	6.7
2	☐	0.100					
3	☐	1.000	0.924	11497.86	0.0013	P	0.6
4	☐	50.000	47.961	528827.18	0.0600	P	0.7
5	☐	125.000	122.691	1359377.97	0.1532	P	0.5
6	☐	250.000	247.647	2663035.01	0.3091	P	0.8
7	☐	500.000	493.002	5369448.73	0.6151	P	0.8
8	☐	1000.000	1004.478	10821437.16	1.2532	A	0.1
9	☐			19943.26	0.0026	P	1.1

$$y = 0.0012 * x + 1.5356E-004$$

$$R = 1.0000$$

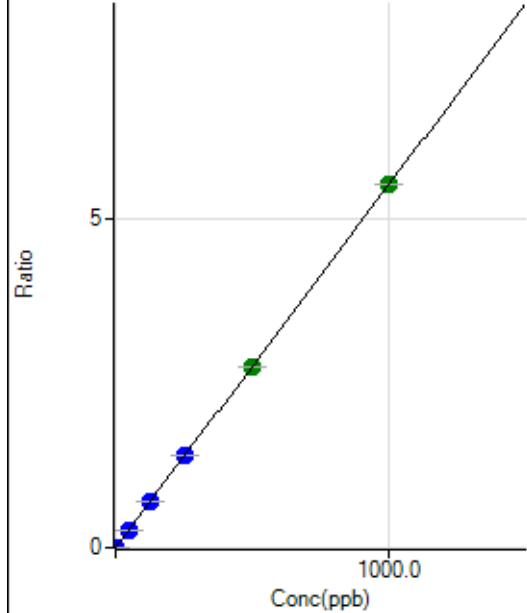
$$DL = 0.02464$$

$$BEC = 0.1231$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6097.04	0.0007	P	4.9
2	☐	0.100					
3	☐	1.000	0.951	52475.30	0.0060	P	0.3
4	☐	50.000	48.956	2389259.92	0.2710	P	0.5
5	☐	125.000	124.660	6113378.07	0.6890	P	0.0
6	☐	250.000	252.969	12040010.37	1.3974	P	0.8
7	☐	500.000	496.959	23956230.46	2.7445	A	0.3
8	☐	1000.000	1000.873	47724065.65	5.5266	A	0.1
9	☐			92060.39	0.0121	P	0.7

$$y = 0.0055 * x + 7.0804E-004$$

$$R = 1.0000$$

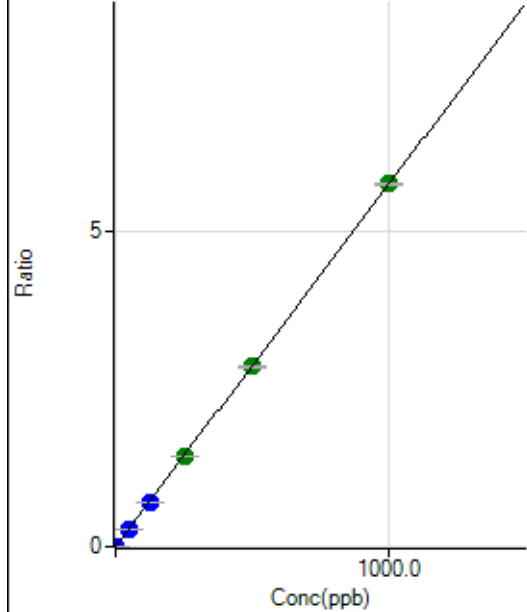
$$DL = 0.01896$$

$$BEC = 0.1282$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.827	42136.06	0.0048	P	3.1
4	☐	50.000	47.434	2401571.75	0.2724	P	0.4
5	☐	125.000	121.449	6187843.33	0.6974	P	0.2
6	☐	250.000	250.412	12388747.41	1.4378	A	0.5
7	☐	500.000	497.063	24912682.85	2.8540	A	0.3
8	☐	1000.000	1001.938	49676560.48	5.7528	A	0.8
9	☐			11147.96	0.0015	P	2.9

$$y = 0.0057 * x + 3.9055E-005$$

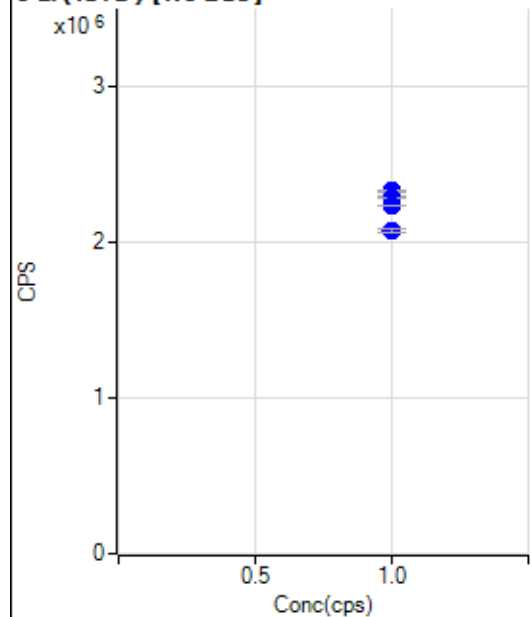
$$R = 1.0000$$

$$DL = 0.002276$$

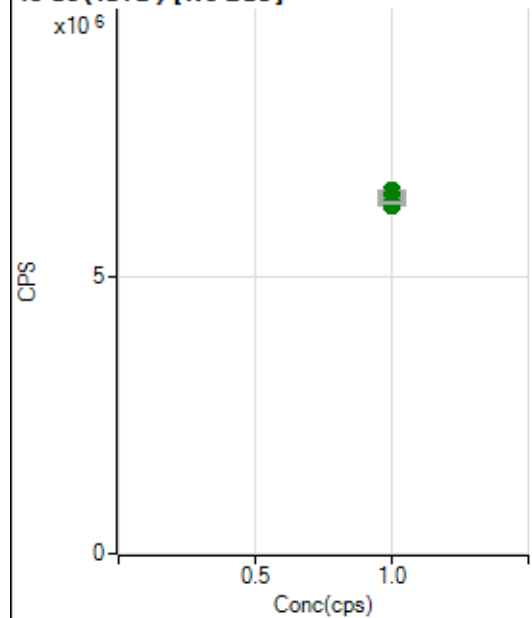
$$BEC = 0.006802$$

Weight: <None>

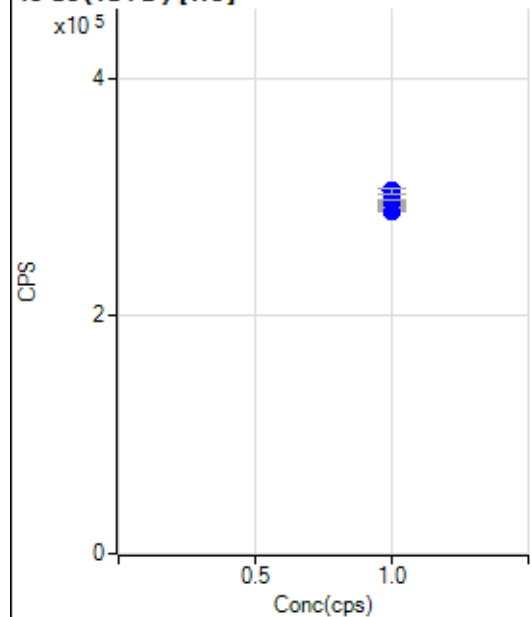
Min Conc: 0

6 Li (ISTD) [No Gas]

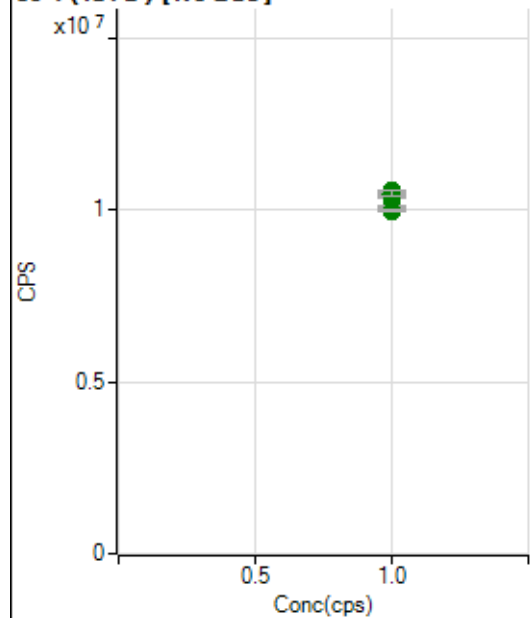
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2285370.49		P	0.4
2	☐	1.000					
3	☐	1.000		2325719.56		P	0.3
4	☐	1.000		2321810.19		P	0.8
5	☐	1.000		2323216.82		P	0.8
6	☐	1.000		2282981.11		P	0.3
7	☐	1.000		2280263.35		P	0.5
8	☐	1.000		2233712.47		P	0.2
9	☐	1.000		2070163.77		P	0.8

45 Sc (ISTD) [No Gas]

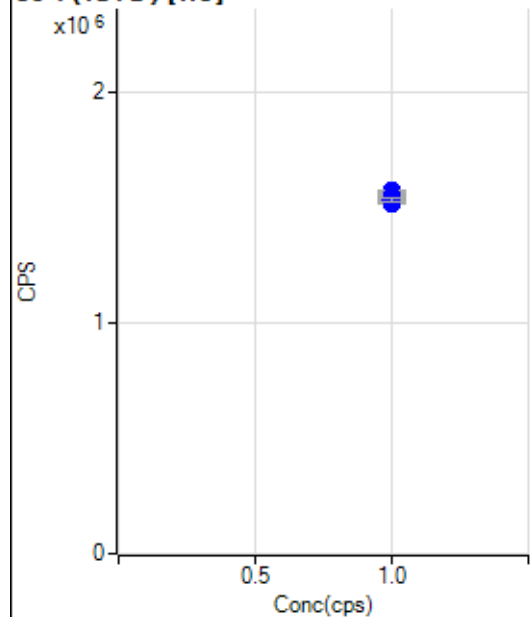
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6309849.97		A	0.5
2	☐	1.000					
3	☐	1.000		6479140.20		A	0.6
4	☐	1.000		6454591.16		A	0.5
5	☐	1.000		6561113.65		A	0.2
6	☐	1.000		6393450.36		A	0.3
7	☐	1.000		6456888.04		A	0.6
8	☐	1.000		6410211.64		A	0.9
9	☐	1.000		6338382.83		A	0.4

45 Sc (ISTD) [He]

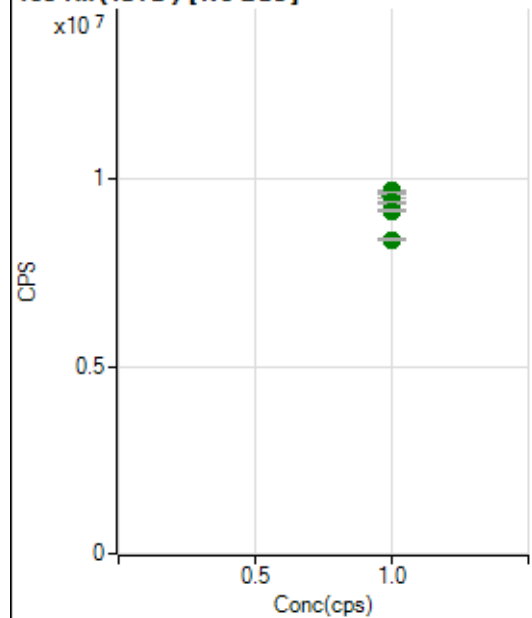
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		288818.46		P	0.6
2	☐	1.000					
3	☐	1.000		294324.23		P	0.8
4	☐	1.000		297045.20		P	0.2
5	☐	1.000		298082.30		P	0.1
6	☐	1.000		291344.18		P	0.3
7	☐	1.000		295793.67		P	0.6
8	☐	1.000		297531.65		P	0.3
9	☐	1.000		305462.33		P	1.3

89 Y (ISTD) [No Gas]

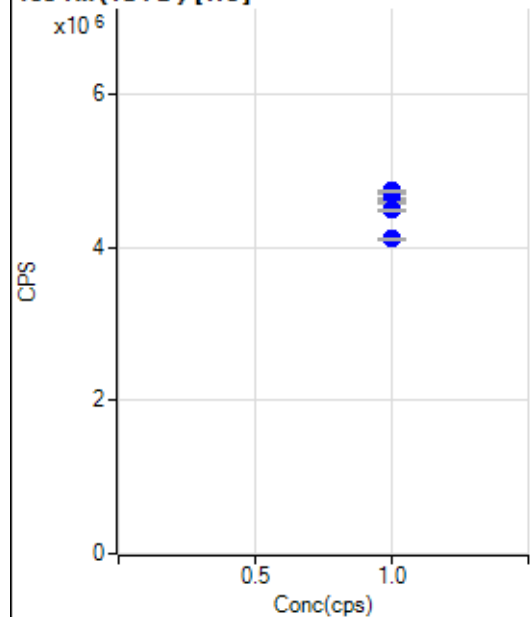
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10114580.41		A	0.6
2	☐	1.000					
3	☐	1.000		10462070.05		A	0.5
4	☐	1.000		10453045.26		A	0.1
5	☐	1.000		10547784.49		A	0.1
6	☐	1.000		10356828.46		A	0.2
7	☐	1.000		10506979.01		A	0.1
8	☐	1.000		10465909.15		A	1.5
9	☐	1.000		9969234.30		A	0.8

89 Y (ISTD) [He]

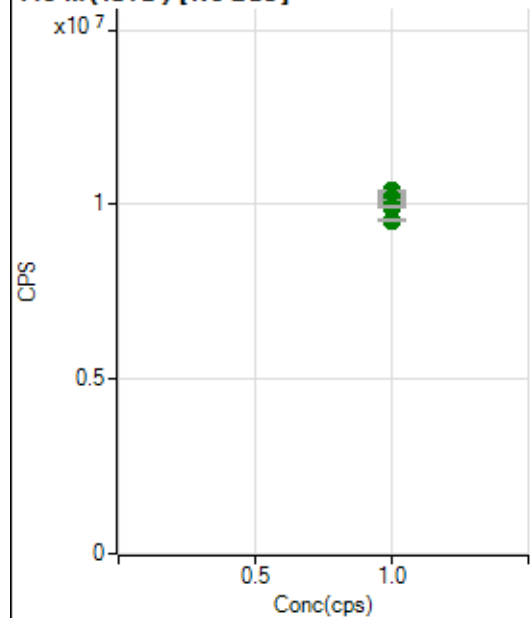
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1517107.43		P	0.5
2	☐	1.000					
3	☐	1.000		1541878.88		P	0.8
4	☐	1.000		1553713.78		P	0.4
5	☐	1.000		1569331.52		P	0.5
6	☐	1.000		1534399.23		P	0.6
7	☐	1.000		1545034.87		P	0.5
8	☐	1.000		1546776.75		P	0.6
9	☐	1.000		1529734.30		P	0.9

103 Rh (ISTD) [No Gas]

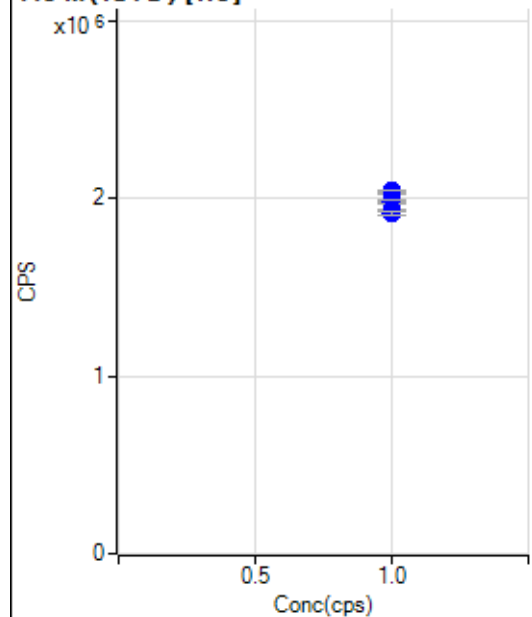
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9374161.23		A	0.2
2	☐	1.000					
3	☐	1.000		9676896.66		A	0.1
4	☐	1.000		9552802.21		A	0.9
5	☐	1.000		9628115.41		A	0.8
6	☐	1.000		9361564.62		A	0.4
7	☐	1.000		9381120.35		A	0.5
8	☐	1.000		9138854.11		A	0.6
9	☐	1.000		8383653.66		A	0.7

103 Rh (ISTD) [He]

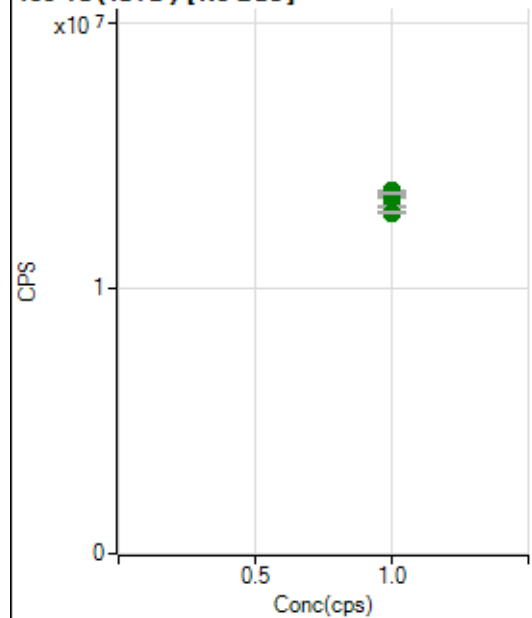
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4630505.17		P	0.7
2	☐	1.000					
3	☐	1.000		4728152.67		P	0.7
4	☐	1.000		4721774.65		P	0.5
5	☐	1.000		4740797.39		P	0.2
6	☐	1.000		4587032.40		P	0.4
7	☐	1.000		4582105.28		P	0.6
8	☐	1.000		4490461.29		P	0.6
9	☐	1.000		4115201.54		P	0.5

115 In (ISTD) [No Gas]

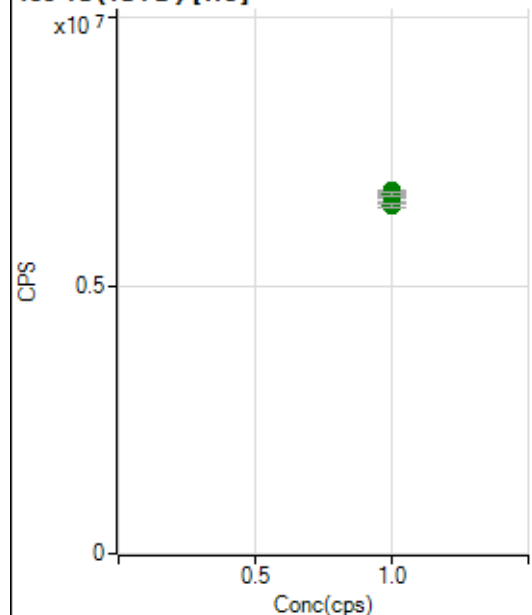
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10051118.43		A	0.5
2	☐	1.000					
3	☐	1.000		10366742.90		A	0.1
4	☐	1.000		10295036.92		A	0.5
5	☐	1.000		10386846.45		A	0.3
6	☐	1.000		10203786.52		A	0.6
7	☐	1.000		10135112.07		A	0.1
8	☐	1.000		9921297.67		A	0.7
9	☐	1.000		9538907.24		A	0.5

115 In (ISTD) [He]

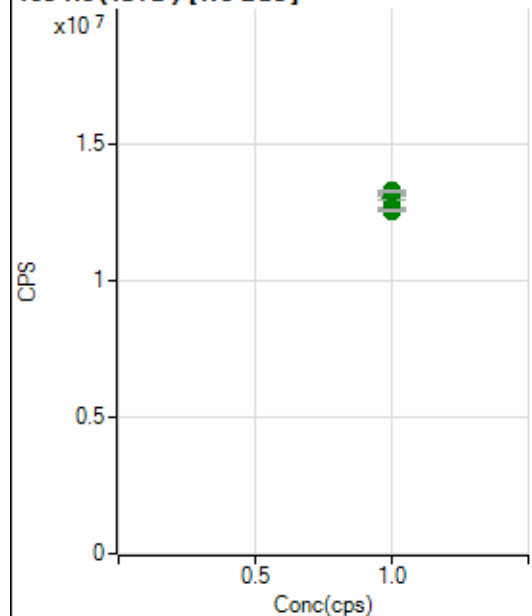
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1988657.85		P	0.4
2	☐	1.000					
3	☐	1.000		2026795.19		P	0.6
4	☐	1.000		2028301.92		P	0.8
5	☐	1.000		2042357.14		P	0.1
6	☐	1.000		1982339.05		P	0.1
7	☐	1.000		1977285.18		P	1.0
8	☐	1.000		1933827.53		P	0.5
9	☐	1.000		1920232.00		P	1.1

159 Tb (ISTD) [No Gas]

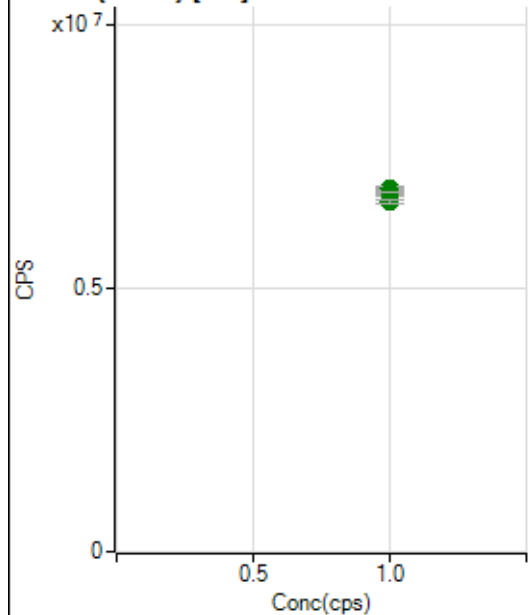
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13060562.44		A	0.4
2	☐	1.000					
3	☐	1.000		13411999.66		A	0.6
4	☐	1.000		13413069.24		A	0.9
5	☐	1.000		13648469.52		A	0.2
6	☐	1.000		13460319.24		A	0.3
7	☐	1.000		13618469.38		A	0.7
8	☐	1.000		13584450.22		A	0.7
9	☐	1.000		12819336.62		A	0.4

159 Tb (ISTD) [He]

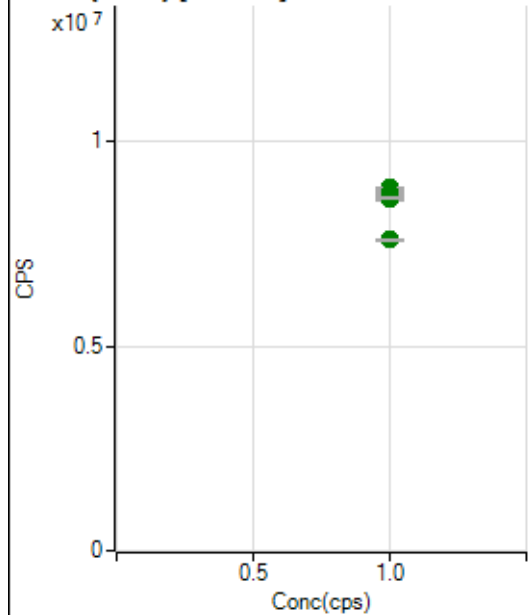
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6568169.90		A	0.1
2	☐	1.000					
3	☐	1.000		6669451.98		A	0.7
4	☐	1.000		6737906.08		A	0.3
5	☐	1.000		6760245.45		A	1.1
6	☐	1.000		6686055.87		A	0.5
7	☐	1.000		6773451.91		A	0.5
8	☐	1.000		6715133.44		A	0.9
9	☐	1.000		6498948.44		A	0.7

165 Ho (ISTD) [No Gas]

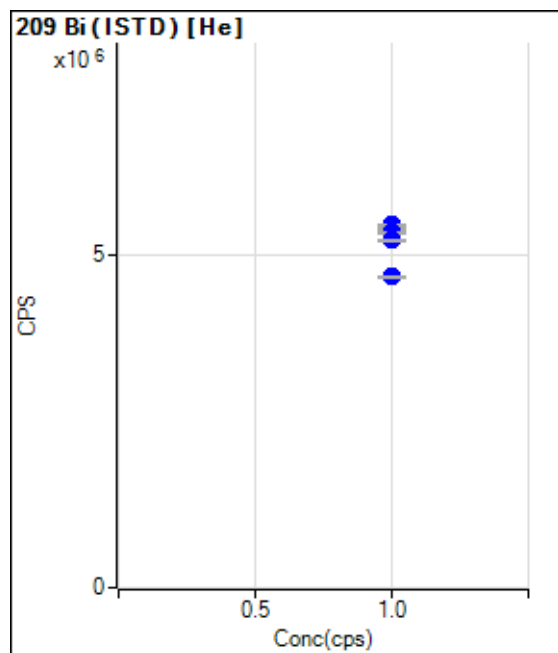
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12660040.73		A	0.8
2	☐	1.000					
3	☐	1.000		12988978.94		A	0.1
4	☐	1.000		13049122.34		A	0.7
5	☐	1.000		13251414.88		A	0.7
6	☐	1.000		13050536.32		A	0.8
7	☐	1.000		13240761.50		A	0.3
8	☐	1.000		13295266.44		A	0.2
9	☐	1.000		12561128.40		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6645031.36		A	1.0
2	☐	1.000					
3	☐	1.000		6760920.87		A	0.2
4	☐	1.000		6773913.72		A	0.6
5	☐	1.000		6868766.15		A	0.7
6	☐	1.000		6789836.29		A	0.3
7	☐	1.000		6878927.54		A	1.0
8	☐	1.000		6821932.54		A	0.4
9	☐	1.000		6633796.50		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8614218.41		A	1.2
2	☐	1.000					
3	☐	1.000		8804657.02		A	0.7
4	☐	1.000		8816677.16		A	0.3
5	☐	1.000		8873286.19		A	0.4
6	☐	1.000		8616551.61		A	0.9
7	☐	1.000		8728972.09		A	0.3
8	☐	1.000		8635309.18		A	0.6
9	☐	1.000		7608120.02		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5331728.05		P	0.8
2	☐	1.000					
3	☐	1.000		5357687.91		P	0.5
4	☐	1.000		5414233.18		P	0.5
5	☐	1.000		5452044.78		P	0.6
6	☐	1.000		5336487.63		P	0.4
7	☐	1.000		5330404.99		P	0.1
8	☐	1.000		5220879.33		P	0.5
9	☐	1.000		4669137.64		P	0.4