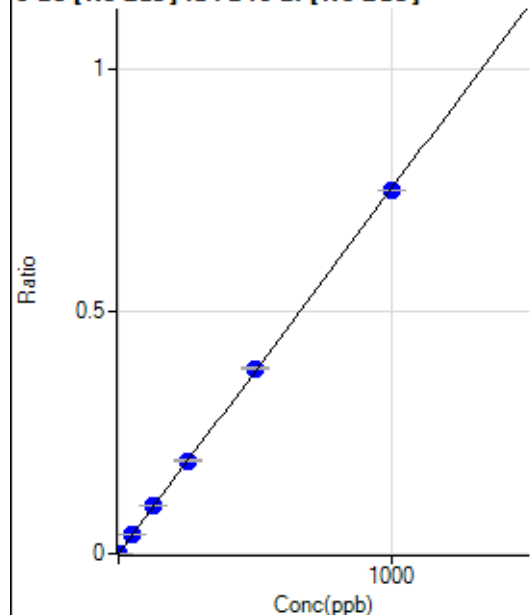


Batch Folder: D:\ICP-MS Data\P7053019 MS.b\
Analysis File: P7053019 MS.batch.bin
DA Date-Time: 2019-05-30 23:27:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-30 13:16:52
2	004CALS.d	S01	2019-05-30 13:20:28
3	005CALS.d	S02	2019-05-30 13:24:54
4	006CALS.d	S03	2019-05-30 13:28:50
5	007CALS.d	S04	2019-05-30 13:32:47
6	008CALS.d	S05	2019-05-30 13:36:39
7	009CALS.d	S06	2019-05-30 13:40:29
8	010CALS.d	S07	2019-05-30 13:44:18
9	011CALS.d	S08	2019-05-30 13:48:04

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0001	P	13.5
2	☐	0.100	0.092	247.78	0.0001	P	3.2
3	☐	1.000	0.986	1520.10	0.0008	P	6.2
4	☐	50.000	53.054	74975.89	0.0401	P	0.9
5	☐	125.000	129.936	175195.62	0.0980	P	0.3
6	☐	250.000	255.255	320671.07	0.1925	P	0.1
7	☐	500.000	508.231	622289.59	0.3833	P	0.3
8	☐	1000.000	993.801	1179705.35	0.7494	P	0.1
9	☐			348.90	0.0002	P	14.9

$$y = 7.5403\text{E-}004 * x + 6.2331\text{E-}005$$

$$R = 0.9999$$

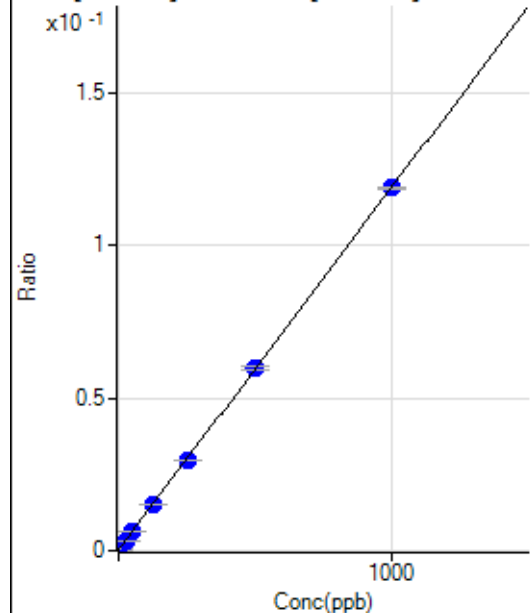
$$DL = 0.0335$$

$$BEC = 0.08266$$

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	527.81	0.0003	P	5.9
2	☐	2.500	2.379	1066.75	0.0006	P	6.8
3	☐	25.000	23.543	5812.43	0.0031	P	3.6
4	☐	50.000	50.708	11807.77	0.0063	P	1.8
5	☐	125.000	123.834	26802.37	0.0150	P	2.3
6	☐	250.000	247.920	49540.38	0.0297	P	1.3
7	☐	500.000	502.943	97488.49	0.0600	P	2.3
8	☐	1000.000	999.195	187346.54	0.1190	P	0.8
9	☐			7446.64	0.0047	P	5.1

$$y = 1.1883\text{E-}004 * x + 2.8452\text{E-}004$$

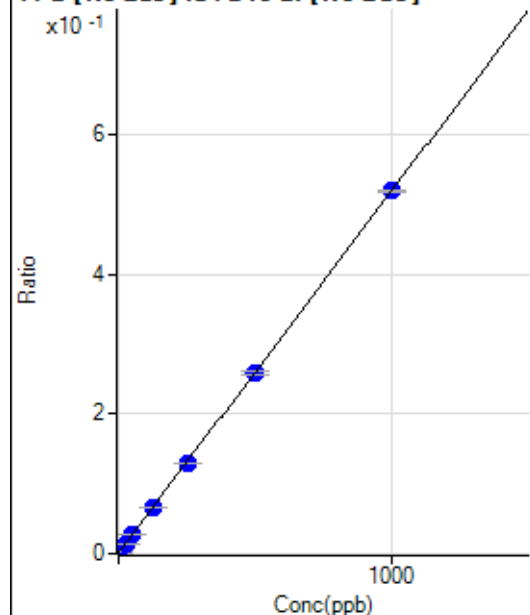
$$R = 1.0000$$

$$DL = 0.4214$$

$$BEC = 2.394$$

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	2133.58	0.0012	P	2.4
2	☐	2.500	2.583	4678.71	0.0025	P	7.8
3	☐	25.000	23.191	24812.98	0.0132	P	1.3
4	☐	50.000	50.541	51118.10	0.0273	P	0.9
5	☐	125.000	124.863	117576.60	0.0658	P	0.4
6	☐	250.000	248.566	216256.70	0.1298	P	1.1
7	☐	500.000	499.224	421493.71	0.2596	P	1.8
8	☐	1000.000	1000.782	817429.00	0.5193	P	0.5
9	☐			32059.93	0.0203	P	7.6

$$y = 5.1773\text{E-}004 * x + 0.0012$$

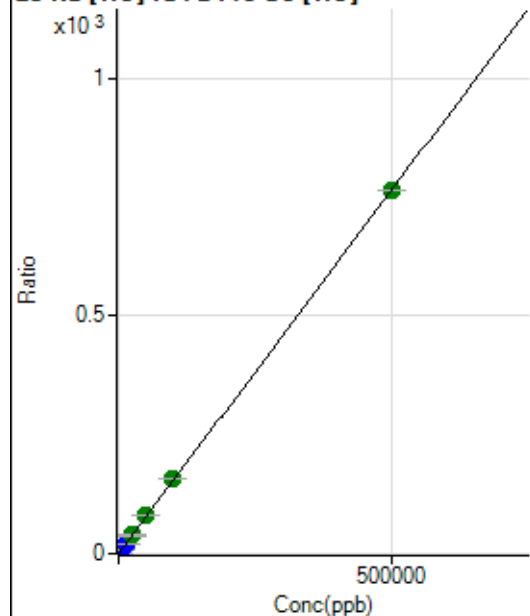
R = 1.0000

DL = 0.1599

BEC = 2.222

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	3845.10	0.0224	P	2.3
2	☐	50.000	49.513	16915.78	0.0981	P	3.0
3	☐	500.000	489.769	133651.95	0.7709	P	1.1
4	☐	5000.000	5230.818	1353288.95	8.0171	P	1.2
5	☐	12500.000	12953.282	3117117.99	19.8200	P	0.6
6	☐	25000.000	25144.257	5910099.66	38.4524	A	3.9
7	☐	50000.000	52054.948	11726956.94	79.5823	A	0.5
8	☐	100000.00	103052.25	22476592.34	157.5257	A	0.7
9	☐	500000.00	499163.21	115092676.1	762.9349	A	0.1

$$y = 0.0015 * x + 0.0224$$

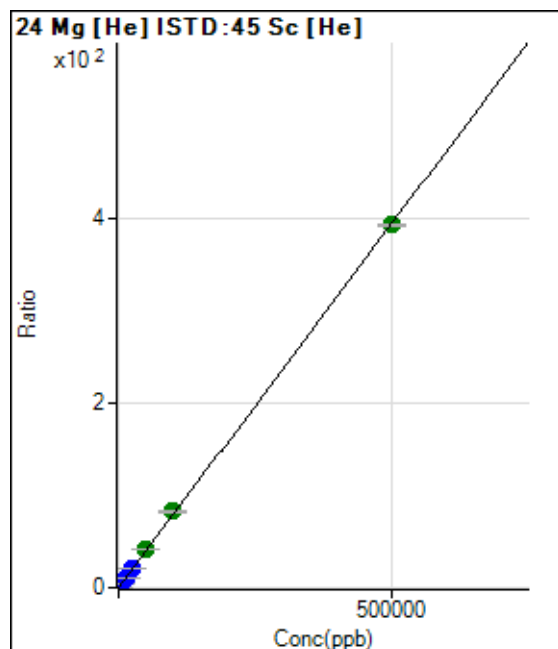
R = 1.0000

DL = 0.994

BEC = 14.65

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.68	0.0016	P	5.5
2	☐	50.000	49.440	6996.37	0.0406	P	4.5
3	☐	500.000	519.604	71345.15	0.4115	P	0.8
4	☐	5000.000	5383.526	717279.08	4.2491	P	1.1
5	☐	12500.000	13308.059	1651597.53	10.5016	P	0.8
6	☐	25000.000	25708.354	3117693.36	20.2854	P	4.1
7	☐	50000.000	53145.055	6179086.07	41.9329	A	0.3
8	☐	100000.00	104769.45	11795046.27	82.6645	A	0.7
9	☐	500000.00	498672.13	59354815.91	393.4533	A	0.2

$$y = 7.8900\text{E-}004 * x + 0.0016$$

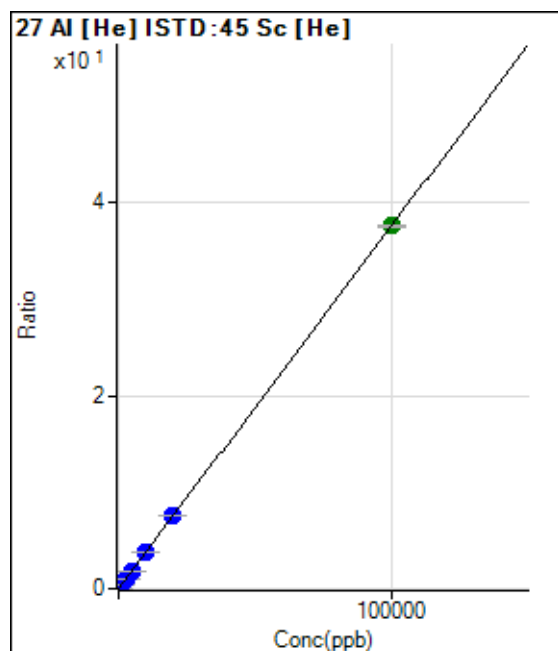
$$R = 0.9999$$

$$DL = 0.3257$$

$$BEC = 1.968$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0002	P	34.3
2	☐	2.000	2.141	166.67	0.0010	P	26.8
3	☐	20.000	19.834	1322.33	0.0076	P	10.8
4	☐	1000.000	1023.228	64994.69	0.3851	P	1.9
5	☐	2500.000	2532.121	149821.40	0.9526	P	0.7
6	☐	5000.000	4915.156	284231.97	1.8490	P	3.4
7	☐	10000.000	10151.075	562683.66	3.8185	P	0.2
8	☐	20000.000	19938.040	1070147.81	7.4999	P	0.4
9	☐	100000.00	100000.49	5674581.07	37.6156	A	0.3

$$y = 3.7615\text{E-}004 * x + 1.6158\text{E-}004$$

$$R = 1.0000$$

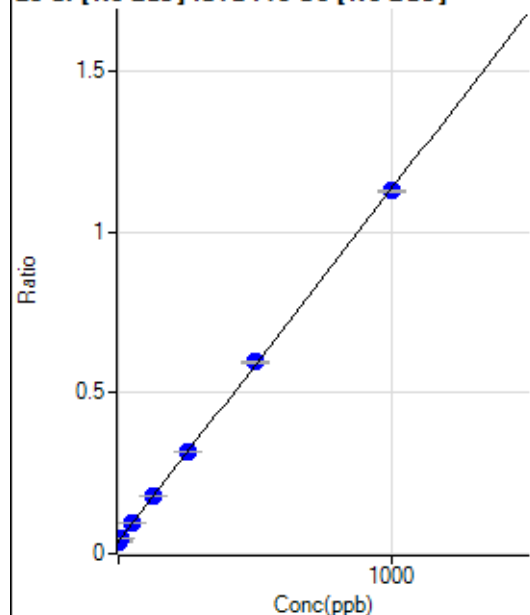
$$DL = 0.4422$$

$$BEC = 0.4296$$

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	140333.60	0.0387	P	2.6
2	☐	1.000	-0.376	140148.91	0.0383	P	1.3
3	☐	10.000	8.219	175368.46	0.0477	P	1.0
4	☐	50.000	50.400	343730.88	0.0940	P	0.7
5	☐	125.000	127.844	622536.23	0.1790	P	0.2
6	☐	250.000	255.002	1026251.59	0.3186	P	0.9
7	☐	500.000	508.951	1877161.85	0.5973	P	1.4
8	☐	1000.000	993.918	3434370.52	1.1296	P	0.3
9	☐			258954.92	0.0843	P	0.8

$$y = 0.0011 * x + 0.0387$$

$$R = 0.9999$$

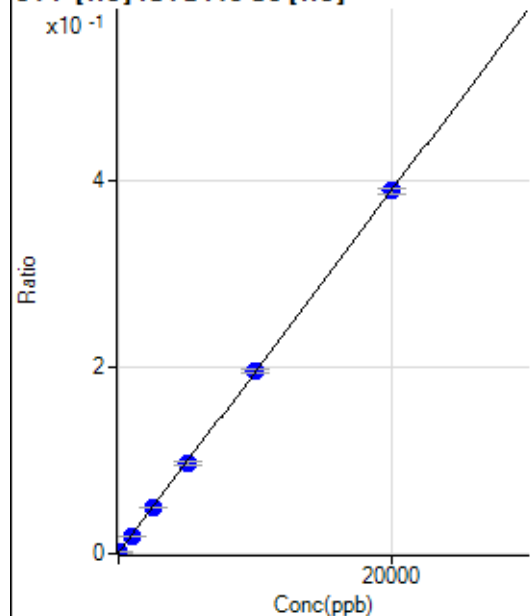
$$DL = 2.77$$

$$BEC = 35.27$$

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	-22.492	86.12	0.0005	P	43.2
2	☐	0.000	-6.826	138.90	0.0008	P	12.0
3	☐	0.000	29.318	261.12	0.0015	P	18.3
4	☐	1000.000	914.628	3153.25	0.0187	P	0.5
5	☐	2500.000	2526.531	7855.18	0.0499	P	0.7
6	☐	5000.000	4950.295	14899.62	0.0970	P	5.3
7	☐	10000.000	10049.173	28862.15	0.1959	P	2.5
8	☐	20000.000	19988.792	55465.24	0.3887	P	1.3
9	☐			108.34	0.0007	P	16.1

$$y = 1.9398E-005 * x + 9.3723E-004$$

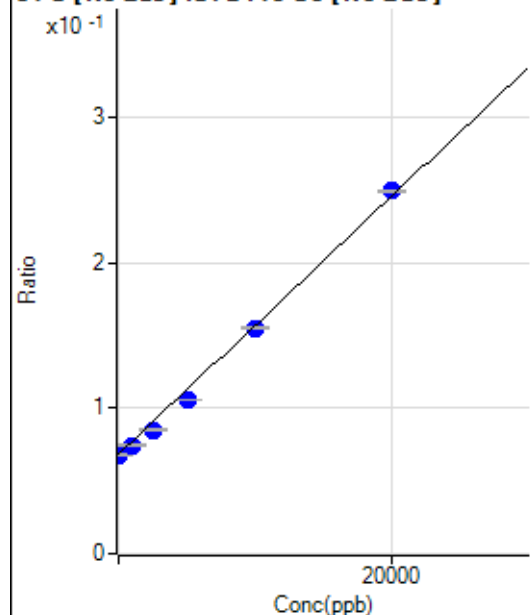
$$R = 1.0000$$

$$DL = 30.32$$

$$BEC = 48.32$$

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	147.176	252999.82	0.0698	P	1.6
2	☐	0.000	-111.282	247013.39	0.0675	P	1.1
3	☐	0.000	-35.893	250437.39	0.0682	P	0.2
4	☐	1000.000	700.234	273058.99	0.0747	P	1.0
5	☐	2500.000	1874.012	295968.63	0.0851	P	1.0
6	☐	5000.000	4226.156	341407.30	0.1060	P	0.2
7	☐	10000.000	9762.673	487503.40	0.1551	P	0.5
8	☐	20000.000	20405.361	758776.63	0.2496	P	0.3
9	☐			190696.68	0.0621	P	1.1

$$y = 8.8748\text{E-}006 * x + 0.0685$$

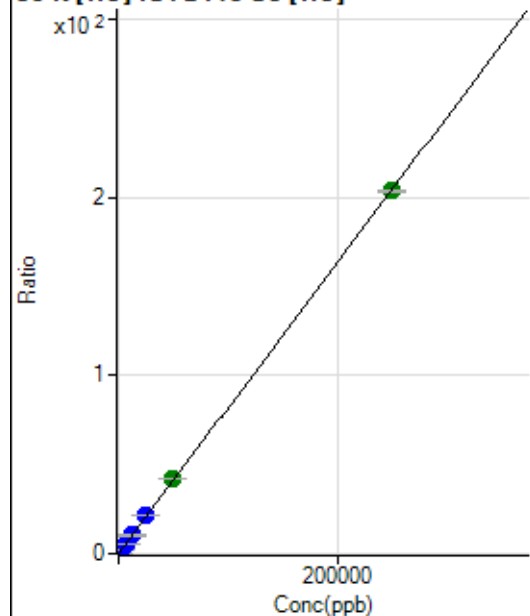
$$R = 0.9988$$

$$DL = 223.4$$

$$BEC = 7716$$

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	13053.46	0.0760	P	2.5
2	☐	50.000	43.135	19188.11	0.1112	P	1.8
3	☐	500.000	483.599	81627.42	0.4708	P	1.1
4	☐	2500.000	2671.029	380924.42	2.2567	P	1.2
5	☐	6250.000	6523.479	849548.68	5.4018	P	1.0
6	☐	12500.000	12652.096	1599492.22	10.4053	P	3.4
7	☐	25000.000	26309.430	3176304.65	21.5552	P	0.2
8	☐	50000.000	51122.534	5966039.81	41.8128	A	0.9
9	☐	250000.00	249628.43	30755689.23	203.8744	A	0.2

$$y = 8.1641\text{E-}004 * x + 0.0760$$

$$R = 1.0000$$

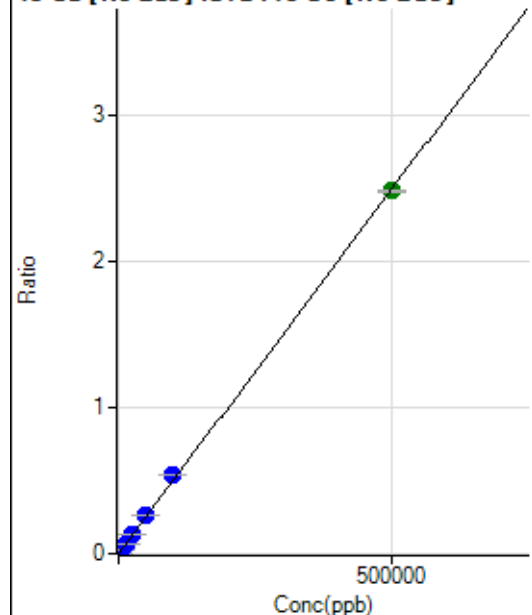
$$DL = 6.961$$

$$BEC = 93.11$$

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	116.67	0.0000	P	7.3
2	☐	50.000	55.127	1125.09	0.0003	P	2.6
3	☐	500.000	512.480	9520.10	0.0026	P	2.4
4	☐	5000.000	5339.021	97573.07	0.0267	P	0.8
5	☐	12500.000	13274.408	230592.55	0.0663	P	1.1
6	☐	25000.000	26354.773	423991.62	0.1316	P	0.8
7	☐	50000.000	53309.732	836614.64	0.2662	P	1.5
8	☐	100000.00	107279.05	1628666.38	0.5357	P	0.2
9	☐	500000.00	498122.71	7637606.77	2.4873	A	0.2

$$y = 4.9933\text{E-}006 * x + 3.2185\text{E-}005$$

$$R = 0.9999$$

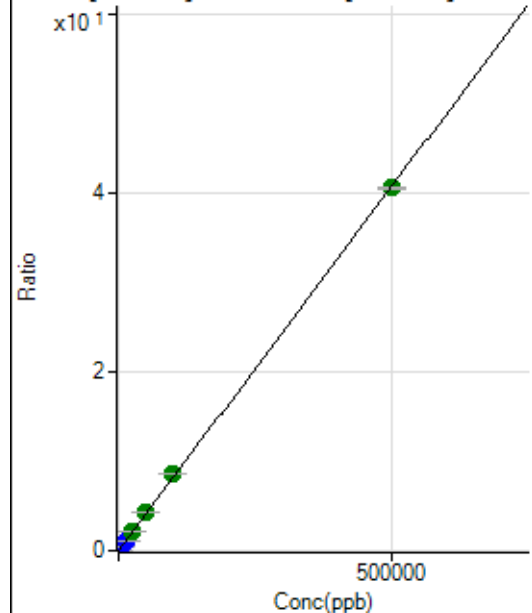
$$DL = 1.413$$

$$BEC = 6.446$$

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	4878.87	0.0013	P	3.6
2	☐	50.000	52.526	20564.99	0.0056	P	3.1
3	☐	500.000	501.875	154967.62	0.0422	P	0.7
4	☐	5000.000	5319.321	1586996.66	0.4341	P	0.5
5	☐	12500.000	13182.966	3734238.54	1.0739	P	0.3
6	☐	25000.000	26082.059	6839729.40	2.1234	A	0.2
7	☐	50000.000	52814.527	13507778.60	4.2983	A	1.2
8	☐	100000.00	106437.09	26331641.73	8.6610	A	0.2
9	☐	500000.00	498356.75	124505175.0	40.5475	A	0.3

$$y = 8.1360\text{E-}005 * x + 0.0013$$

$$R = 0.9999$$

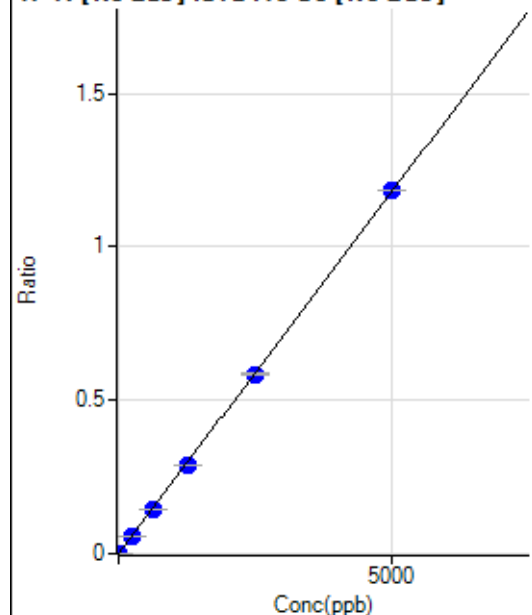
$$DL = 1.777$$

$$BEC = 16.54$$

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	58.34	0.0000	P	15.2
2	☐	0.500	0.576	555.59	0.0002	P	11.4
3	☐	5.000	5.020	4406.39	0.0012	P	6.3
4	☐	250.000	250.154	215590.62	0.0590	P	0.4
5	☐	625.000	617.187	505870.24	0.1455	P	0.2
6	☐	1250.000	1231.410	934938.78	0.2902	P	0.2
7	☐	2500.000	2476.114	1834055.25	0.5836	P	1.1
8	☐	5000.000	5017.559	3595407.59	1.1826	P	0.1
9	☐			1330.67	0.0004	P	12.1

$$y = 2.3569E-004 * x + 1.6105E-005$$

$$R = 1.0000$$

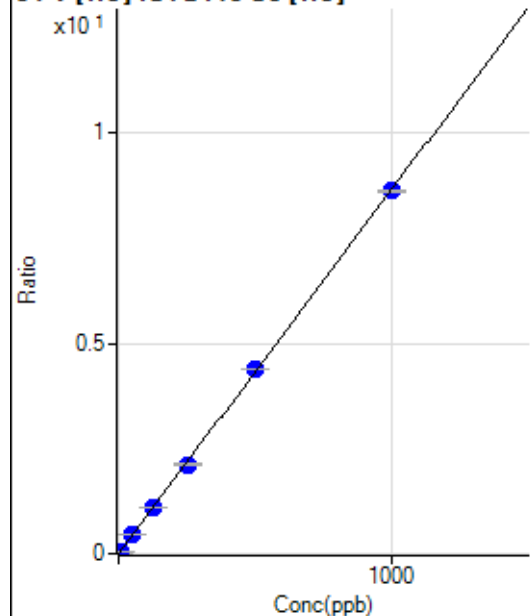
$$DL = 0.03116$$

$$BEC = 0.06833$$

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	8.89	0.0001	P	57.0
2	☐	0.500	0.459	693.36	0.0040	P	11.8
3	☐	5.000	5.149	7733.27	0.0446	P	1.9
4	☐	50.000	51.155	74715.81	0.4426	P	1.1
5	☐	125.000	126.162	171671.59	1.0916	P	0.6
6	☐	250.000	245.299	326189.60	2.1223	P	3.9
7	☐	500.000	508.805	648667.60	4.4020	P	0.1
8	☐	1000.000	996.569	1230235.34	8.6220	P	0.6
9	☐			235.56	0.0016	P	2.4

$$y = 0.0087 * x + 5.1699E-005$$

$$R = 0.9999$$

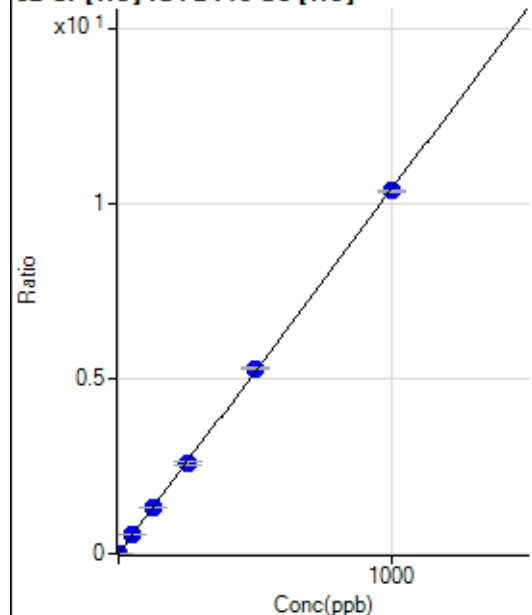
$$DL = 0.01022$$

$$BEC = 0.005976$$

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	416.68	0.0024	P	5.2
2	☐	0.200	0.187	754.48	0.0044	P	11.2
3	☐	2.000	1.921	3881.67	0.0224	P	6.2
4	☐	50.000	52.577	92678.78	0.5490	P	1.0
5	☐	125.000	127.780	209306.59	1.3309	P	0.8
6	☐	250.000	247.335	395556.57	2.5738	P	4.2
7	☐	500.000	508.819	779848.84	5.2923	P	0.2
8	☐	1000.000	995.780	1477510.29	10.3548	P	0.6
9	☐			11300.04	0.0749	P	1.0

$$y = 0.0104 * x + 0.0024$$

$$R = 0.9999$$

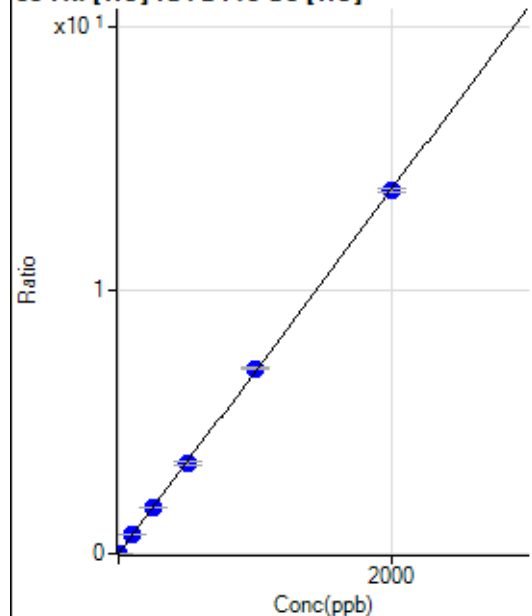
$$DL = 0.03674$$

$$BEC = 0.2334$$

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	43.33	0.0003	P	8.0
2	☐	0.100	0.091	152.22	0.0009	P	19.4
3	☐	1.000	0.957	1188.95	0.0069	P	2.2
4	☐	100.000	102.925	119991.69	0.7108	P	0.9
5	☐	250.000	252.651	274361.76	1.7445	P	0.8
6	☐	500.000	493.836	524095.17	3.4096	P	3.6
7	☐	1000.000	1017.778	1035445.05	7.0268	P	0.6
8	☐	2000.000	1992.174	1962444.97	13.7539	P	1.0
9	☐			8134.59	0.0539	P	0.4

$$y = 0.0069 * x + 2.5238E-004$$

$$R = 0.9999$$

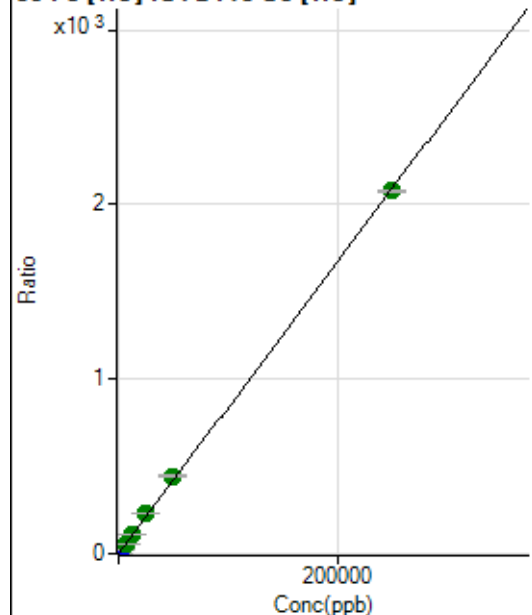
$$DL = 0.008802$$

$$BEC = 0.03656$$

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	2631.79	0.0153	P	0.9
2	☐	5.000	5.785	10969.16	0.0636	P	6.4
3	☐	50.000	56.995	85104.80	0.4909	P	0.4
4	☐	2500.000	2811.365	3962343.40	23.4728	P	0.6
5	☐	6250.000	6811.736	8941047.13	56.8512	A	0.9
6	☐	12500.000	13268.423	17019513.81	110.7246	A	3.6
7	☐	25000.000	27290.228	33556019.04	227.7200	A	0.3
8	☐	50000.000	53427.220	63608209.29	445.8023	A	1.0
9	☐	250000.00	249029.95	313451314.4	2,077.875	A	0.5

$$y = 0.0083 * x + 0.0153$$

$$R = 0.9999$$

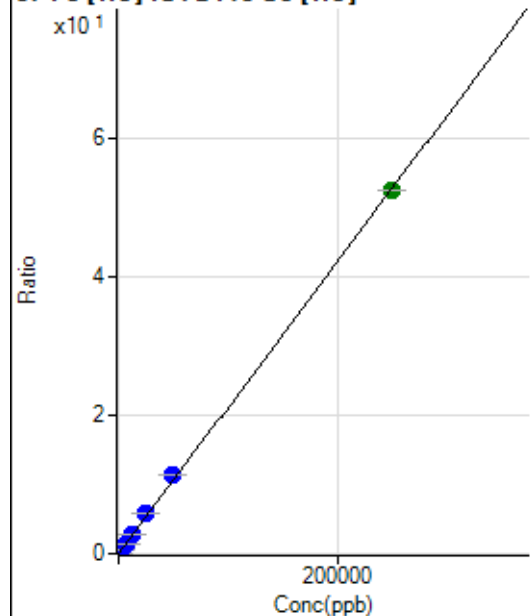
$$DL = 0.04781$$

$$BEC = 1.837$$

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	75.93	0.0004	P	34.3
2	☐	5.000	5.245	266.68	0.0015	P	16.2
3	☐	50.000	54.654	2068.72	0.0119	P	1.0
4	☐	2500.000	2825.992	100357.36	0.5945	P	1.3
5	☐	6250.000	6904.780	228356.20	1.4520	P	0.8
6	☐	12500.000	13427.030	433917.71	2.8231	P	3.8
7	☐	25000.000	27611.848	855416.24	5.8051	P	0.5
8	☐	50000.000	53814.298	1614241.67	11.3134	P	0.9
9	☐	250000.00	248909.97	7893727.49	52.3269	A	0.2

$$y = 2.1022E-004 * x + 4.4257E-004$$

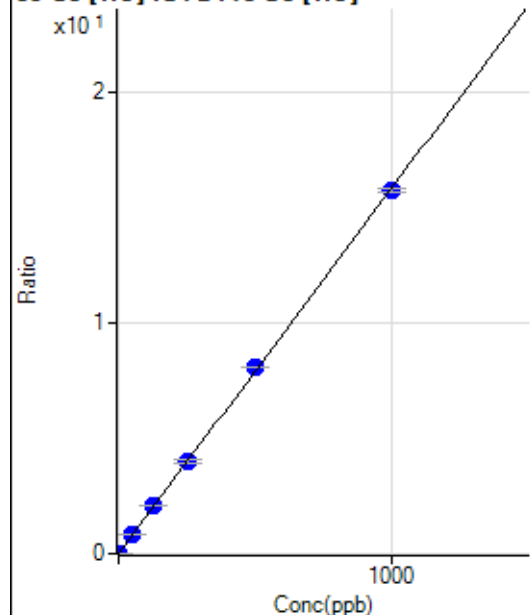
$$R = 0.9998$$

$$DL = 2.166$$

$$BEC = 2.105$$

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	55.56	0.0003	P	32.5
2	☐	0.100	0.096	316.67	0.0018	P	9.4
3	☐	1.000	1.014	2838.10	0.0164	P	6.4
4	☐	50.000	52.868	141345.88	0.8374	P	1.2
5	☐	125.000	129.874	323434.99	2.0566	P	1.1
6	☐	250.000	250.745	610172.75	3.9702	P	4.2
7	☐	500.000	511.499	1193387.54	8.0986	P	0.4
8	☐	1000.000	993.312	2243975.51	15.7269	P	0.9
9	☐			27333.38	0.1812	P	0.7

$$y = 0.0158 * x + 3.2316E-004$$

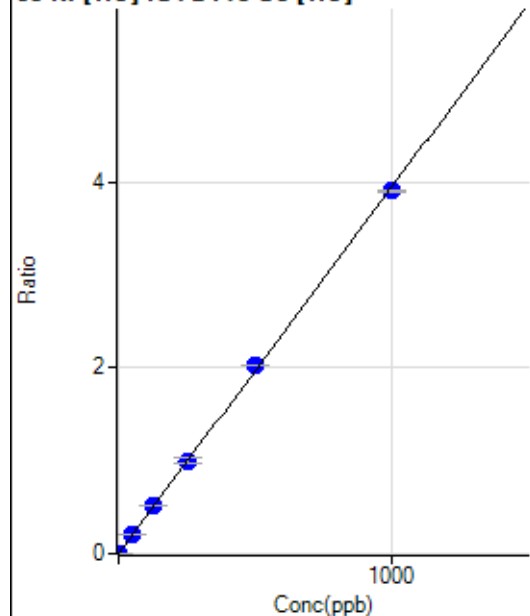
$$R = 0.9999$$

$$DL = 0.01989$$

$$BEC = 0.02041$$

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	77.78	0.0005	P	7.1
2	☐	0.100	0.112	154.45	0.0009	P	12.9
3	☐	1.000	1.047	793.37	0.0046	P	4.8
4	☐	50.000	54.006	35974.22	0.2131	P	1.3
5	☐	125.000	131.615	81580.78	0.5187	P	0.4
6	☐	250.000	254.170	153862.18	1.0013	P	4.9
7	☐	500.000	514.698	298723.35	2.0272	P	0.1
8	☐	1000.000	990.581	556646.03	3.9011	P	0.5
9	☐			7106.27	0.0471	P	1.8

$$y = 0.0039 * x + 4.5303E-004$$

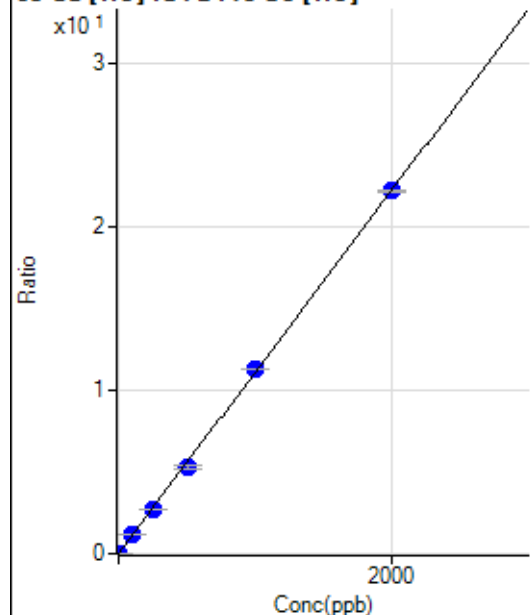
$$R = 0.9998$$

$$DL = 0.02445$$

$$BEC = 0.115$$

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	413.35	0.0024	P	6.3
2	☐	0.200	0.206	811.15	0.0047	P	6.4
3	☐	2.000	1.945	4166.21	0.0240	P	2.9
4	☐	100.000	101.390	190704.97	1.1298	P	1.3
5	☐	250.000	246.538	431506.41	2.7437	P	0.5
6	☐	500.000	474.667	811520.48	5.2803	P	4.1
7	☐	1000.000	1015.967	1664992.03	11.2990	P	0.3
8	☐	2000.000	1998.713	3171336.41	22.2263	P	0.9
9	☐			3900.58	0.0259	P	3.6

$$y = 0.0111 * x + 0.0024$$

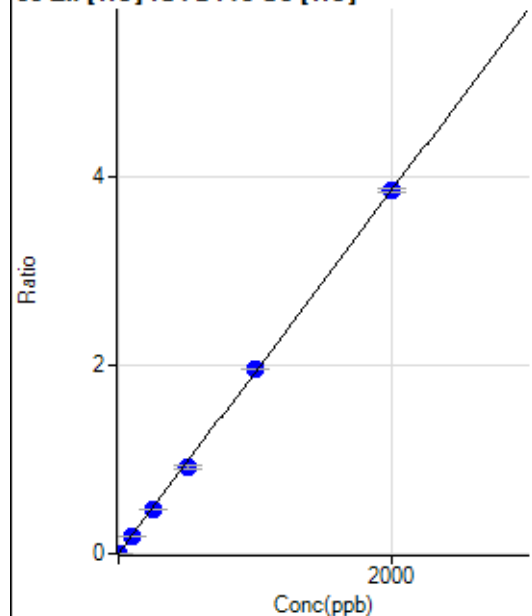
$$R = 0.9999$$

$$DL = 0.04077$$

$$BEC = 0.2165$$

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	431.13	0.0025	P	24.4
2	☐	0.200	0.221	506.69	0.0029	P	13.6
3	☐	2.000	2.102	1137.84	0.0066	P	6.1
4	☐	100.000	98.638	32489.60	0.1925	P	0.8
5	☐	250.000	245.443	74734.50	0.4752	P	0.9
6	☐	500.000	473.024	140411.53	0.9135	P	3.5
7	☐	1000.000	1018.060	289278.46	1.9631	P	0.6
8	☐	2000.000	1998.352	549458.72	3.8510	P	1.2
9	☐			4177.33	0.0277	P	4.3

$$y = 0.0019 * x + 0.0025$$

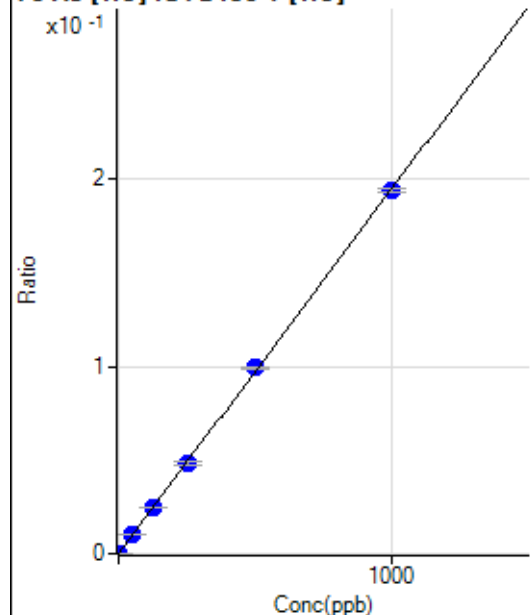
$$R = 0.9999$$

$$DL = 0.9558$$

$$BEC = 1.304$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.70	0.0000	P	100.
2	☐	0.100	0.091	21.60	0.0000	P	9.9
3	☐	1.000	0.977	196.30	0.0002	P	7.9
4	☐	50.000	53.135	10253.07	0.0104	P	0.9
5	☐	125.000	128.487	23425.71	0.0250	P	0.9
6	☐	250.000	248.221	44783.50	0.0484	P	4.0
7	☐	500.000	509.182	88094.09	0.0992	P	0.4
8	☐	1000.000	995.261	166312.05	0.1940	P	1.2
9	☐			232.10	0.0003	P	5.7

$$y = 1.9489E-004 * x + 3.6537E-006$$

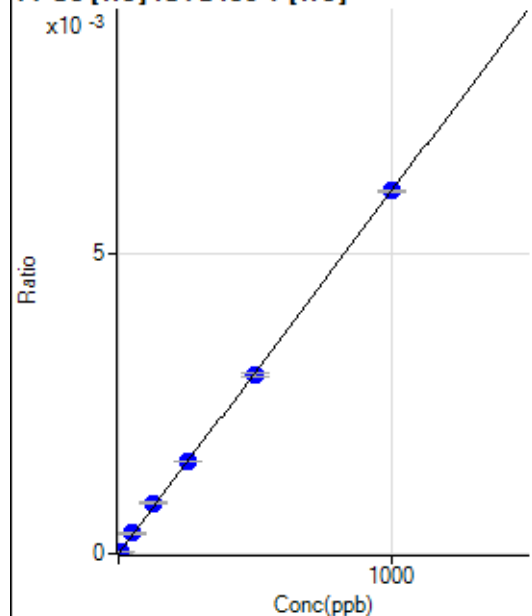
$$R = 0.9999$$

$$DL = 0.05641$$

$$BEC = 0.01875$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.547	3.33	0.0000	P	100.
3	☐	5.000	5.985	36.67	0.0000	P	0.4
4	☐	50.000	57.639	345.57	0.0003	P	8.4
5	☐	125.000	139.304	788.93	0.0008	P	4.4
6	☐	250.000	254.264	1426.76	0.0015	P	0.8
7	☐	500.000	493.050	2650.29	0.0030	P	1.4
8	☐	1000.000	1000.234	5194.34	0.0061	P	0.9
9	☐			1.11	0.0000	P	173.

$$y = 6.0556E-006 * x + 0.0000E+000$$

$$R = 0.9999$$

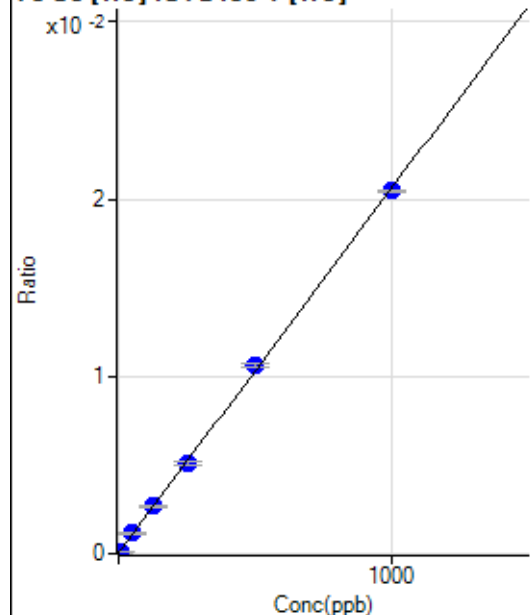
$$DL = 0$$

$$BEC = 0$$

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	39.51	0.0000	P	15.5
2	☐	0.500	0.164	42.59	0.0000	P	17.4
3	☐	5.000	5.140	146.30	0.0001	P	11.8
4	☐	50.000	53.567	1129.07	0.0011	P	1.3
5	☐	125.000	127.368	2486.66	0.0027	P	3.3
6	☐	250.000	247.312	4745.27	0.0051	P	4.2
7	☐	500.000	514.431	9427.82	0.0106	P	1.3
8	☐	1000.000	992.982	17547.09	0.0205	P	0.5
9	☐			32.72	0.0000	P	13.4

$$y = 2.0570E-005 * x + 3.8896E-005$$

$$R = 0.9998$$

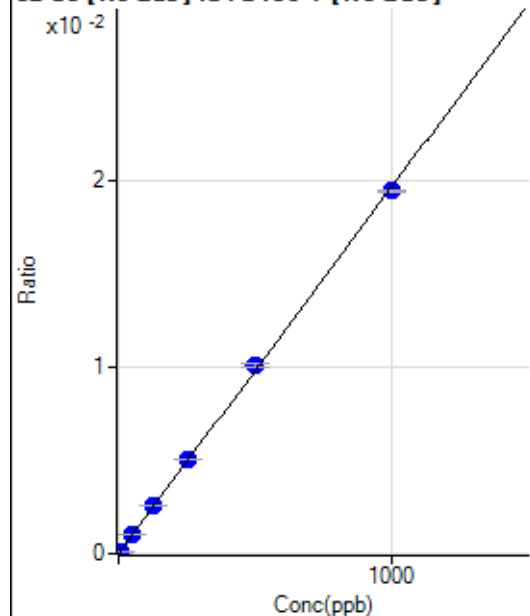
$$DL = 0.8813$$

$$BEC = 1.891$$

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	26.95	0.0000	P	83.4
2	☐	0.500	0.387	72.34	0.0000	P	42.1
3	☐	5.000	5.644	692.08	0.0001	P	9.5
4	☐	50.000	54.091	6356.58	0.0011	P	2.6
5	☐	125.000	131.312	14867.68	0.0026	P	1.1
6	☐	250.000	258.085	27722.66	0.0051	P	0.6
7	☐	500.000	513.758	54286.50	0.0101	P	1.3
8	☐	1000.000	990.103	102209.86	0.0194	P	0.2
9	☐			65.68	0.0000	P	64.0

$$y = 1.9599E-005 * x + 4.5112E-006$$

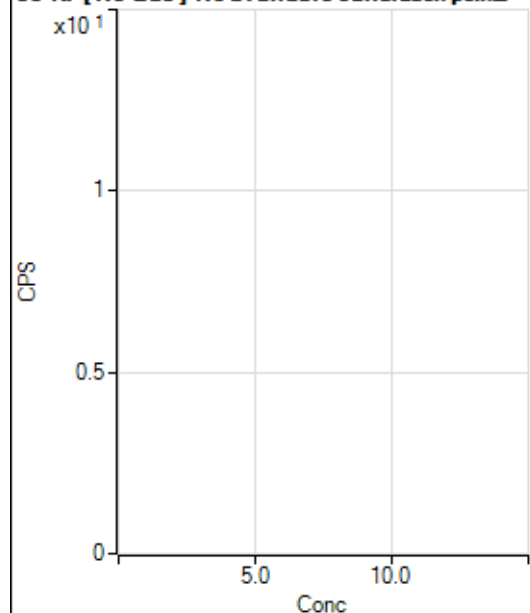
$$R = 0.9998$$

$$DL = 0.5759$$

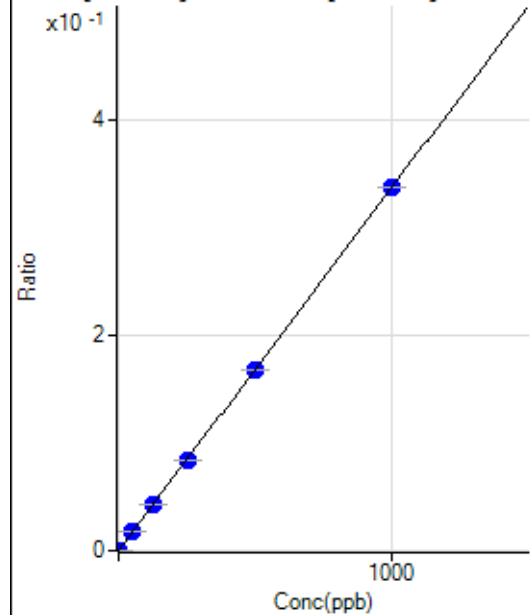
$$BEC = 0.2302$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			205.56		P	4.7
2	☐			240.01		P	8.4
3	☐			210.01		P	16.6
4	☐			206.67		P	7.0
5	☐			186.67		P	15.9
6	☐			181.11		P	19.3
7	☐			213.34		P	14.1
8	☐			210.01		P	11.4
9	☐			213.34		P	14.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	361.13	0.0001	P	9.2
2	☐	0.100	0.059	480.58	0.0001	P	15.6
3	☐	1.000	0.958	2308.62	0.0004	P	0.5
4	☐	50.000	50.758	102615.15	0.0172	P	1.6
5	☐	125.000	125.804	245113.81	0.0425	P	1.0
6	☐	250.000	250.336	462835.82	0.0845	P	0.3
7	☐	500.000	499.650	908820.33	0.1686	P	0.0
8	☐	1000.000	999.953	1776893.77	0.3374	P	0.2
9	☐			7077.06	0.0014	P	3.9

$$y = 3.3739E-004 * x + 6.0655E-005$$

$$R = 1.0000$$

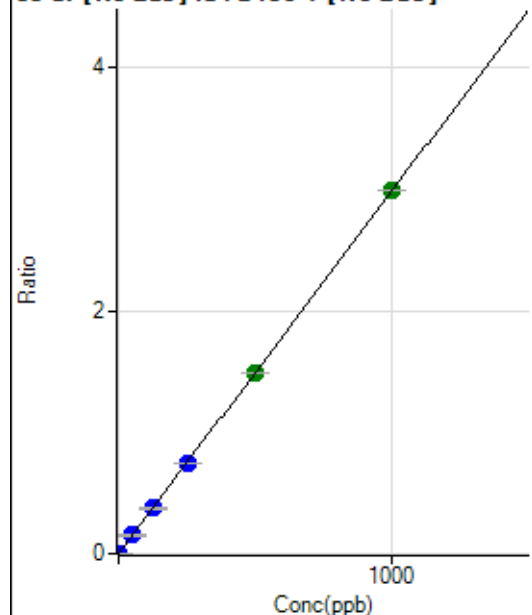
$$DL = 0.04985$$

$$BEC = 0.1798$$

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	100.01	0.0000	P	22.6
2	☐	0.100	0.093	1761.30	0.0003	P	4.6
3	☐	1.000	0.949	17105.15	0.0028	P	4.5
4	☐	50.000	50.448	897915.51	0.1504	P	0.7
5	☐	125.000	124.793	2145197.94	0.3720	P	0.4
6	☐	250.000	248.651	4058597.23	0.7412	P	0.5
7	☐	500.000	497.259	7987856.95	1.4822	A	0.3
8	☐	1000.000	1001.711	15723206.08	2.9858	A	0.0
9	☐			62157.61	0.0123	P	1.1

$$y = 0.0030 * x + 1.6806E-005$$

$$R = 1.0000$$

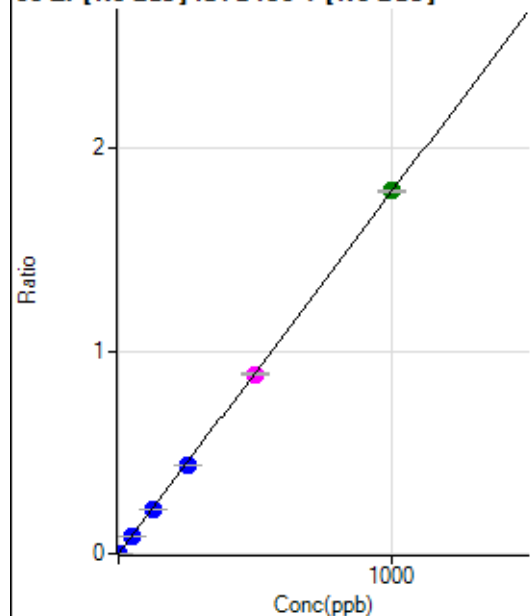
$$DL = 0.003831$$

$$BEC = 0.005638$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.81	0.0001	P	13.7
2	☐	0.100	0.081	1400.13	0.0002	P	15.8
3	☐	1.000	0.909	10279.06	0.0017	P	5.7
4	☐	50.000	50.026	533269.60	0.0893	P	1.0
5	☐	125.000	123.527	1271076.31	0.2204	P	0.3
6	☐	250.000	245.325	2396541.28	0.4377	P	0.6
7	☐	500.000	496.391	4771752.63	0.8855	M	1.4
8	☐	1000.000	1003.156	9422424.26	1.7893	A	0.5
9	☐			3061.59	0.0006	P	18.6

$$y = 0.0018 * x + 8.8613E-005$$

$$R = 1.0000$$

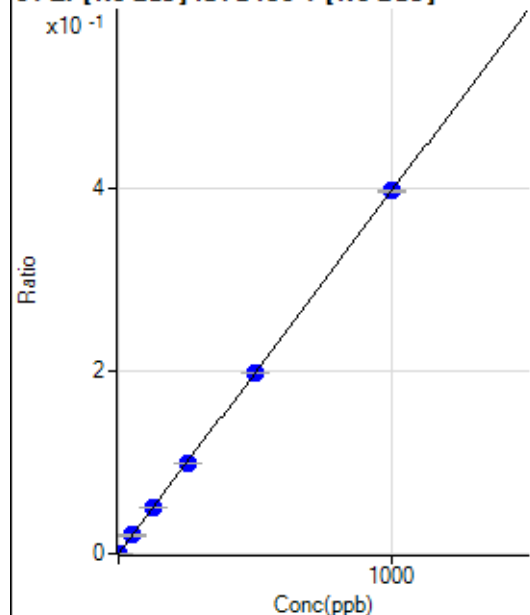
$$DL = 0.02044$$

$$BEC = 0.04968$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.4
2	☐	0.100	0.118	347.24	0.0001	P	6.9
3	☐	1.000	0.973	2386.40	0.0004	P	3.8
4	☐	50.000	50.523	119697.22	0.0200	P	1.0
5	☐	125.000	125.499	287075.96	0.0498	P	0.7
6	☐	250.000	248.791	540340.05	0.0987	P	0.4
7	☐	500.000	499.349	1067270.84	0.1980	P	0.6
8	☐	1000.000	1000.539	2089508.25	0.3968	P	0.5
9	☐			747.27	0.0001	P	15.0

$$y = 3.9658\text{E-}004 * x + 1.1179\text{E-}005$$

$$R = 1.0000$$

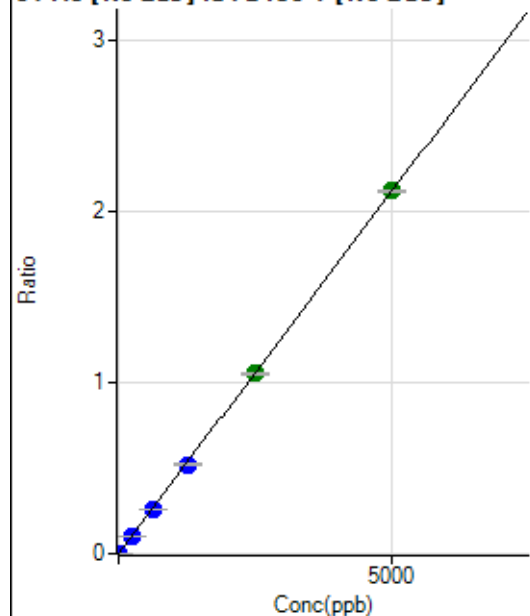
$$DL = 0.02742$$

$$BEC = 0.02819$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	16.0
2	☐	0.500	0.492	1489.03	0.0002	P	3.3
3	☐	5.000	4.808	12472.56	0.0021	P	0.3
4	☐	250.000	250.851	633664.62	0.1061	P	0.9
5	☐	625.000	622.018	1517237.10	0.2631	P	0.4
6	☐	1250.000	1234.146	2858265.04	0.5220	P	0.6
7	☐	2500.000	2486.679	5667601.73	1.0517	A	0.8
8	☐	5000.000	5010.954	11159651.99	2.1192	A	0.4
9	☐			5520.73	0.0011	P	9.3

$$y = 4.2291\text{E-}004 * x + 4.1073\text{E-}005$$

$$R = 1.0000$$

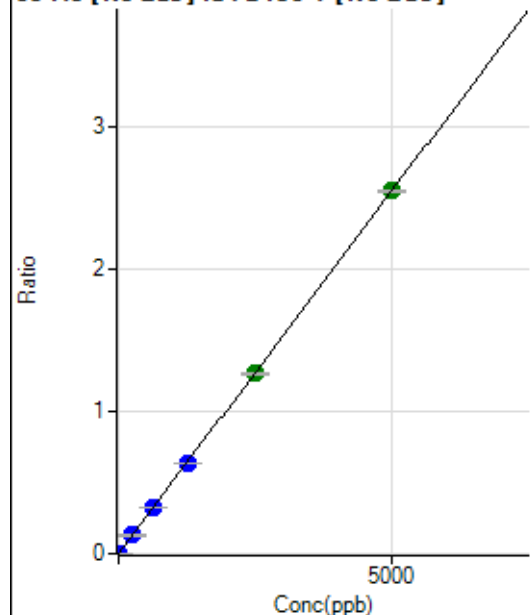
$$DL = 0.04658$$

$$BEC = 0.09712$$

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	80.56	0.0000	P	32.8
2	☐	0.500	0.497	1597.38	0.0003	P	4.3
3	☐	5.000	4.914	15153.15	0.0025	P	1.6
4	☐	250.000	252.547	769325.65	0.1288	P	1.0
5	☐	625.000	627.094	1844928.17	0.3199	P	0.6
6	☐	1250.000	1241.174	3467287.40	0.6332	P	0.6
7	☐	2500.000	2490.717	6847555.02	1.2706	A	1.0
8	☐	5000.000	5006.459	13449309.50	2.5540	A	0.3
9	☐			8238.83	0.0016	P	8.3

$$y = 5.1015\text{E-}004 * x + 1.3510\text{E-}005$$

$$R = 1.0000$$

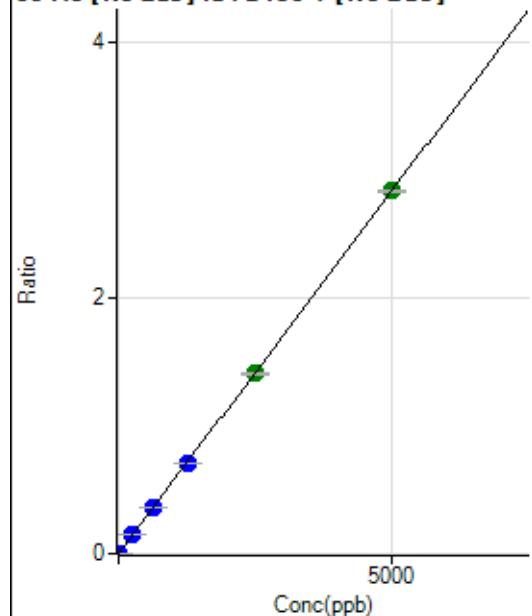
$$DL = 0.02606$$

$$BEC = 0.02648$$

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	155.56	0.0000	P	7.9
2	☐	0.500	0.492	1822.41	0.0003	P	13.3
3	☐	5.000	4.991	17160.98	0.0029	P	1.5
4	☐	250.000	253.144	856671.68	0.1435	P	0.6
5	☐	625.000	626.806	2048519.19	0.3552	P	0.4
6	☐	1250.000	1243.052	3857469.66	0.7044	P	0.5
7	☐	2500.000	2488.830	7600793.40	1.4104	A	0.8
8	☐	5000.000	5006.939	14941269.95	2.8374	A	0.6
9	☐			10676.68	0.0021	P	6.3

$$y = 5.6669\text{E-}004 * x + 2.6115\text{E-}005$$

$$R = 1.0000$$

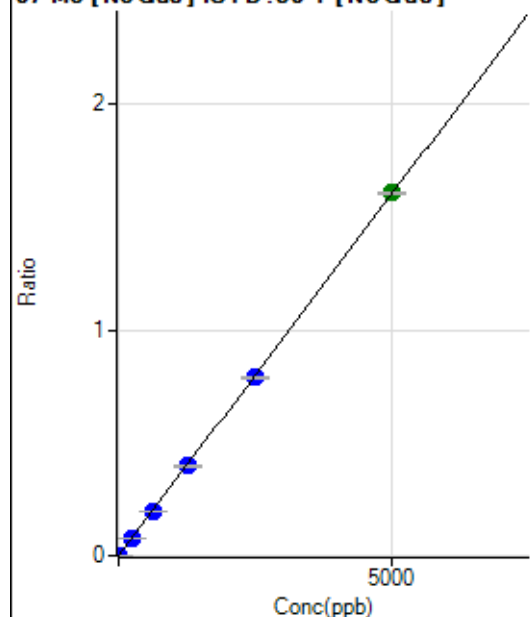
$$DL = 0.01087$$

$$BEC = 0.04608$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	55.7
2	☐	0.500	0.483	1008.42	0.0002	P	7.4
3	☐	5.000	4.902	9520.19	0.0016	P	5.5
4	☐	250.000	251.933	481748.83	0.0807	P	0.6
5	☐	625.000	623.547	1151507.08	0.1997	P	0.3
6	☐	1250.000	1237.641	2170173.09	0.3963	P	0.8
7	☐	2500.000	2465.555	4254750.27	0.7895	P	0.6
8	☐	5000.000	5020.398	8465442.12	1.6076	A	0.2
9	☐			4931.60	0.0010	P	13.8

$$y = 3.2021\text{E-}004 * x + 1.3984\text{E-}005$$

$$R = 1.0000$$

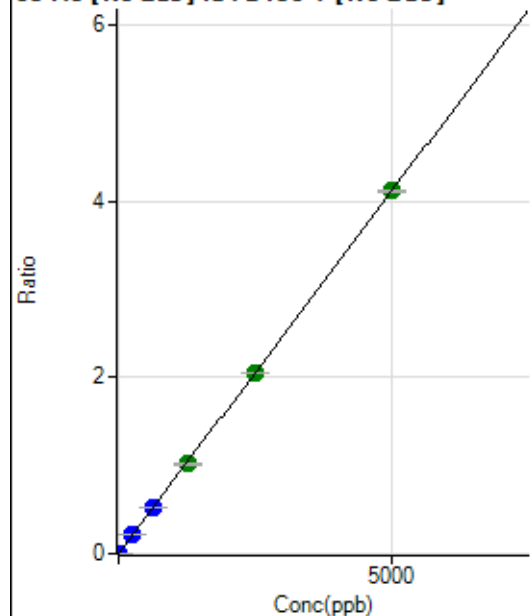
$$DL = 0.07297$$

$$BEC = 0.04367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	34.4
2	☐	0.500	0.487	2564.22	0.0004	P	7.2
3	☐	5.000	4.872	24262.93	0.0040	P	1.2
4	☐	250.000	253.681	1246072.68	0.2087	P	0.7
5	☐	625.000	627.973	2979004.58	0.5166	P	0.2
6	☐	1250.000	1235.207	5563831.25	1.0161	A	0.7
7	☐	2500.000	2492.169	11047717.35	2.0500	A	0.6
8	☐	5000.000	5007.059	21688465.07	4.1187	A	0.4
9	☐			12753.42	0.0025	P	9.6

$$y = 8.2257\text{E-}004 * x + 2.8432\text{E-}005$$

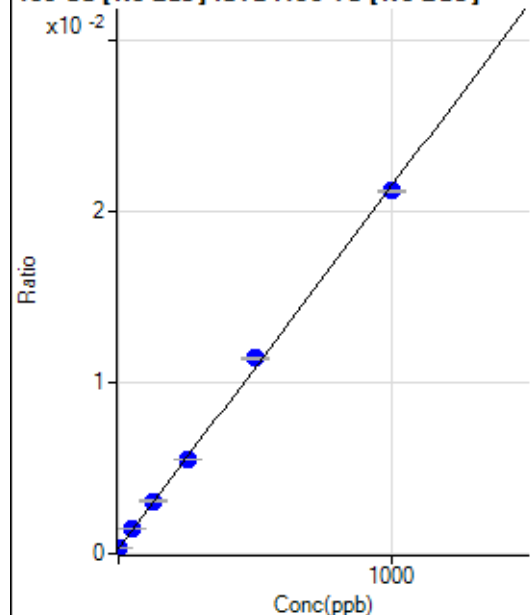
$$R = 1.0000$$

$$DL = 0.03565$$

$$BEC = 0.03456$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2533.66	0.0003	P	4.8
2	☐	0.100	0.738	2661.48	0.0003	P	1.6
3	☐	1.000	1.228	2747.61	0.0003	P	5.9
4	☐	50.000	54.105	12425.36	0.0014	P	2.6
5	☐	125.000	130.039	26083.07	0.0030	P	2.8
6	☐	250.000	248.175	46507.83	0.0055	P	0.4
7	☐	500.000	524.771	95081.70	0.0114	P	1.8
8	☐	1000.000	987.235	175548.74	0.0212	P	0.9
9	☐			2147.47	0.0003	P	6.7

$$y = 2.1137\text{E-}005 * x + 2.9515\text{E-}004$$

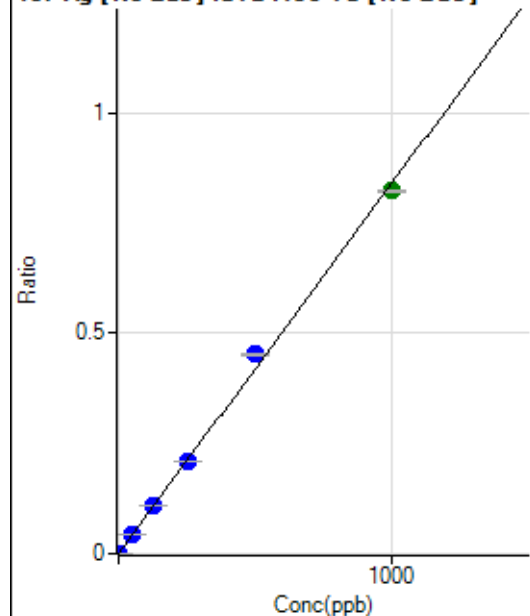
$$R = 0.9996$$

$$DL = 2.027$$

$$BEC = 13.96$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	47.0
2	☐	0.100	0.112	902.85	0.0001	P	4.1
3	☐	1.000	0.985	7168.79	0.0008	P	3.5
4	☐	50.000	54.312	393609.19	0.0456	P	0.3
5	☐	125.000	129.541	931446.92	0.1087	P	0.5
6	☐	250.000	247.728	1744667.45	0.2079	P	0.5
7	☐	500.000	538.119	3770024.13	0.4515	P	1.1
8	☐	1000.000	980.725	6825870.90	0.8229	A	0.4
9	☐			711.16	0.0001	P	34.0

$$y = 8.3902\text{E-}004 * x + 1.1321\text{E-}005$$

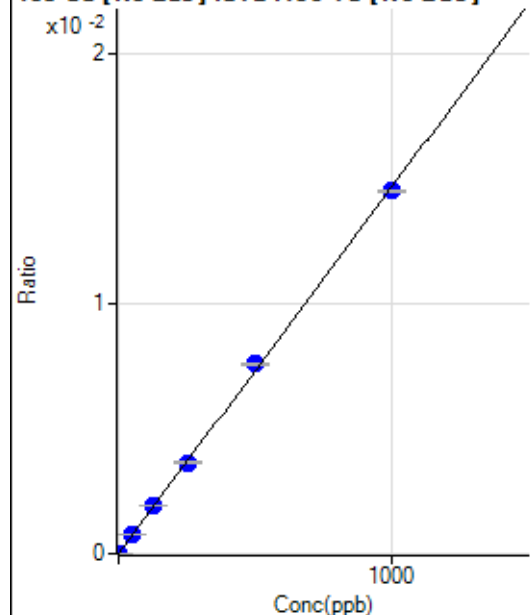
$$R = 0.9990$$

$$DL = 0.01903$$

$$BEC = 0.01349$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.100	0.078	15.28	0.0000	P	41.8
3	☐	1.000	1.154	150.00	0.0000	P	10.5
4	☐	50.000	54.179	6847.61	0.0008	P	1.6
5	☐	125.000	130.347	16340.23	0.0019	P	1.6
6	☐	250.000	247.750	30416.22	0.0036	P	1.3
7	☐	500.000	518.223	63286.44	0.0076	P	1.2
8	☐	1000.000	990.573	120178.48	0.0145	P	0.2
9	☐			30.56	0.0000	P	67.1

$$y = 1.4624\text{E-}005 * x + 6.4769\text{E-}007$$

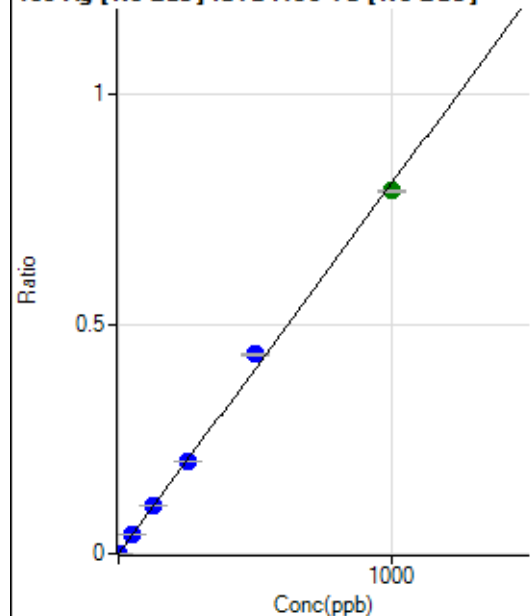
$$R = 0.9998$$

$$DL = 0.1151$$

$$BEC = 0.04429$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	60.7
2	☐	0.100	0.092	686.16	0.0001	P	3.4
3	☐	1.000	0.977	6779.72	0.0008	P	1.8
4	☐	50.000	53.968	375315.21	0.0435	P	1.2
5	☐	125.000	130.024	897227.71	0.1047	P	0.6
6	☐	250.000	247.457	1672550.51	0.1993	P	0.4
7	☐	500.000	538.095	3618020.22	0.4333	P	1.0
8	☐	1000.000	980.762	6551161.47	0.7897	A	0.5
9	☐			677.83	0.0001	P	22.9

$$y = 8.0523\text{E-}004 * x + 5.8408\text{E-}006$$

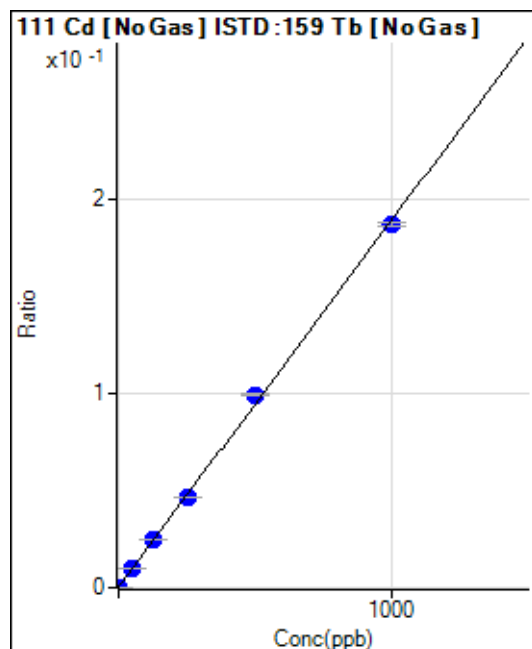
$$R = 0.9990$$

$$DL = 0.01321$$

$$BEC = 0.007254$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1784.95	0.0002	P	5.2
2	☐	0.100	0.151	2024.57	0.0002	P	0.5
3	☐	1.000	1.049	3472.62	0.0004	P	6.3
4	☐	50.000	53.111	88348.82	0.0102	P	0.5
5	☐	125.000	128.783	210040.08	0.0245	P	0.6
6	☐	250.000	246.628	392401.33	0.0468	P	0.2
7	☐	500.000	524.597	828396.78	0.0992	P	0.7
8	☐	1000.000	987.916	1548238.90	0.1866	P	0.9
9	☐			1749.91	0.0002	P	3.6

$$y = 1.8872\text{E-}004 * x + 2.0793\text{E-}004$$

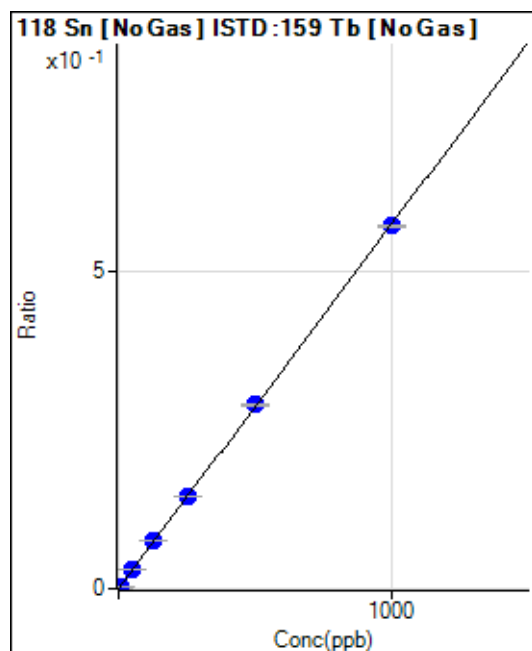
$$R = 0.9996$$

$$DL = 0.1727$$

$$BEC = 1.102$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0000	P	18.4
2	☐	0.500	0.551	3100.47	0.0004	P	3.5
3	☐	5.000	5.262	26241.94	0.0031	P	1.9
4	☐	50.000	53.644	266319.17	0.0308	P	0.3
5	☐	125.000	130.730	643451.43	0.0751	P	0.3
6	☐	250.000	254.515	1226703.79	0.1461	P	0.4
7	☐	500.000	504.411	2418122.91	0.2896	P	1.2
8	☐	1000.000	995.766	4742035.13	0.5717	P	0.6
9	☐			3453.36	0.0004	P	8.1

$$y = 5.7404\text{E-}004 * x + 4.5606\text{E-}005$$

$$R = 1.0000$$

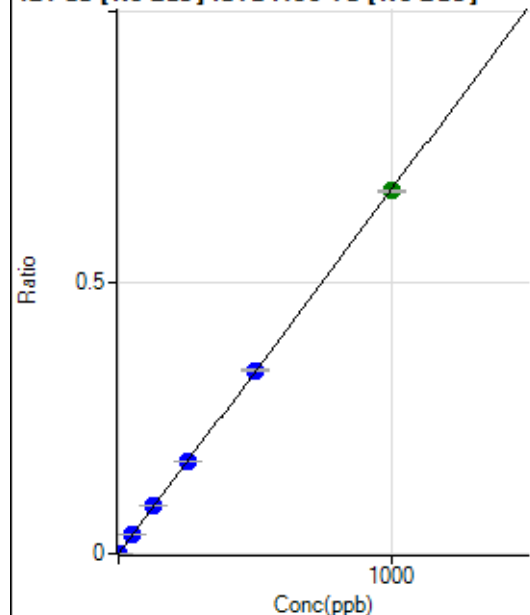
$$DL = 0.04394$$

$$BEC = 0.07945$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	12.1
2	☐	0.200	0.180	1166.77	0.0001	P	4.7
3	☐	2.000	1.891	11004.77	0.0013	P	4.5
4	☐	50.000	53.090	308093.64	0.0357	P	1.3
5	☐	125.000	129.873	747708.91	0.0873	P	0.3
6	☐	250.000	253.313	1428384.48	0.1702	P	0.2
7	☐	500.000	504.191	2828171.50	0.3387	P	0.9
8	☐	1000.000	996.313	5551879.55	0.6693	A	0.4
9	☐			8438.98	0.0011	P	0.2

$$y = 6.7174\text{E-}004 * x + 1.5531\text{E-}005$$

$$R = 1.0000$$

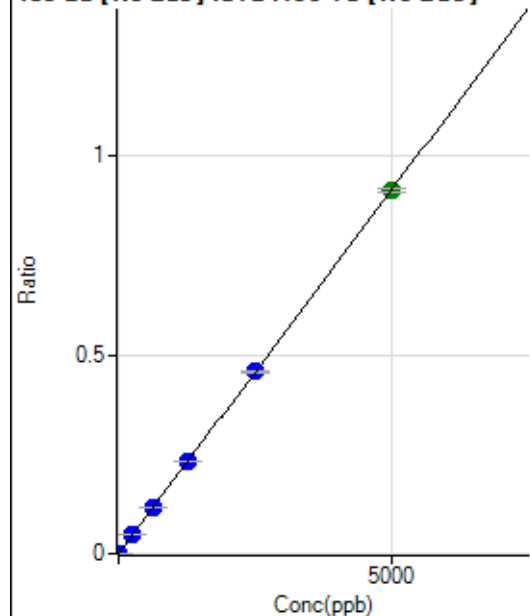
$$DL = 0.00839$$

$$BEC = 0.02312$$

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	44.45	0.0000	P	65.7
2	☐	1.000	1.006	1619.61	0.0002	P	5.3
3	☐	10.000	10.210	16023.68	0.0019	P	1.4
4	☐	250.000	262.881	415153.04	0.0481	P	0.8
5	☐	625.000	644.144	1009376.83	0.1178	P	0.2
6	☐	1250.000	1260.216	1934263.60	0.2304	P	0.2
7	☐	2500.000	2508.881	3830798.91	0.4588	P	0.8
8	☐	5000.000	4989.968	7568979.08	0.9125	A	1.0
9	☐			1483.48	0.0002	P	15.2

$$y = 1.8286\text{E-}004 * x + 5.1694\text{E-}006$$

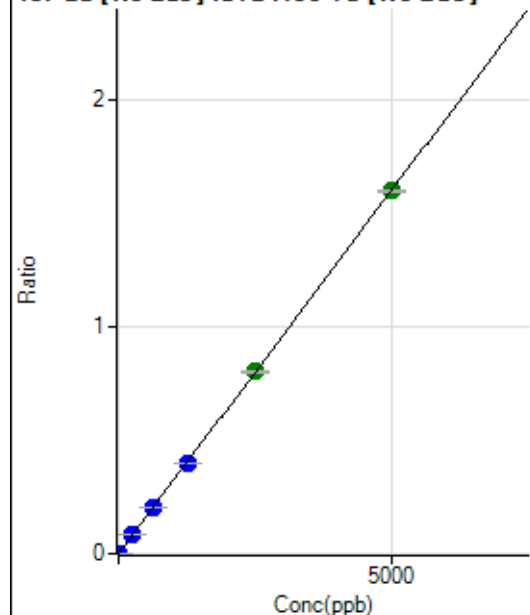
$$R = 1.0000$$

$$DL = 0.05571$$

$$BEC = 0.02827$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.2
2	☐	1.000	1.062	2942.10	0.0003	P	3.8
3	☐	10.000	10.082	27697.86	0.0032	P	1.1
4	☐	250.000	262.129	725946.68	0.0841	P	1.1
5	☐	625.000	636.800	1749994.29	0.2042	P	0.2
6	☐	1250.000	1252.833	3372353.33	0.4018	P	0.2
7	☐	2500.000	2504.956	6707802.28	0.8033	A	0.9
8	☐	5000.000	4994.732	13287253.34	1.6018	A	0.7
9	☐			2619.82	0.0003	P	26.6

$$y = 3.2069\text{E-}004 * x + 2.9084\text{E-}006$$

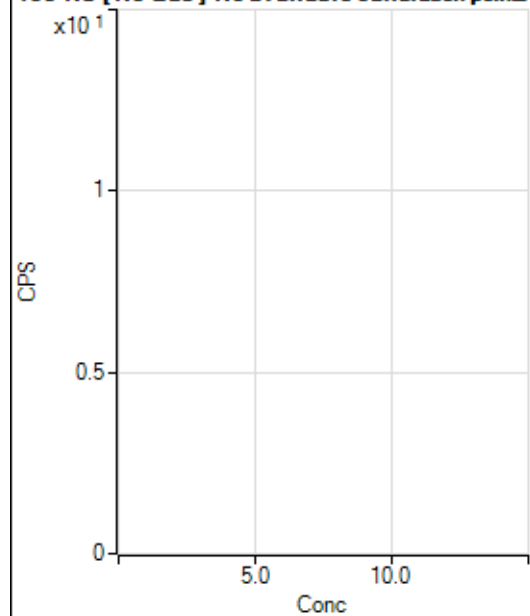
$$R = 1.0000$$

$$DL = 0.01557$$

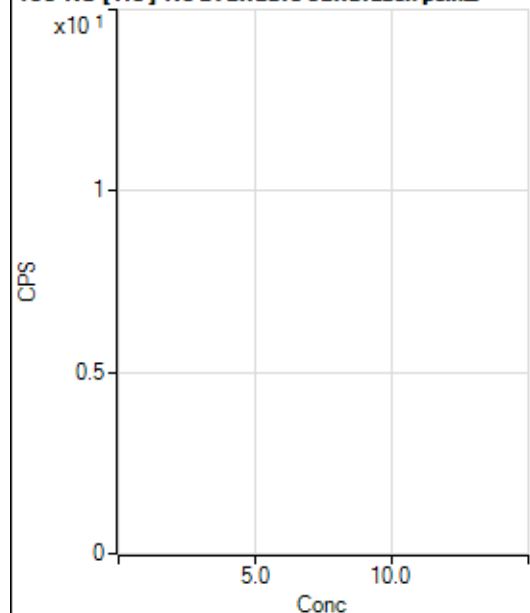
$$BEC = 0.009069$$

Weight: <None>

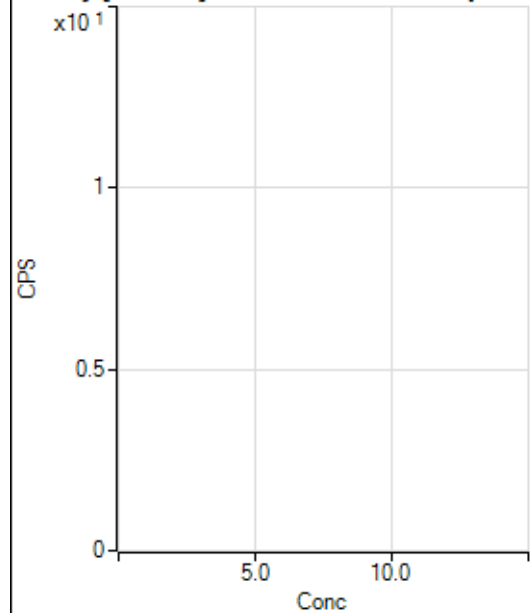
Min Conc: 0

150 Nd [No Gas] No available calibration points

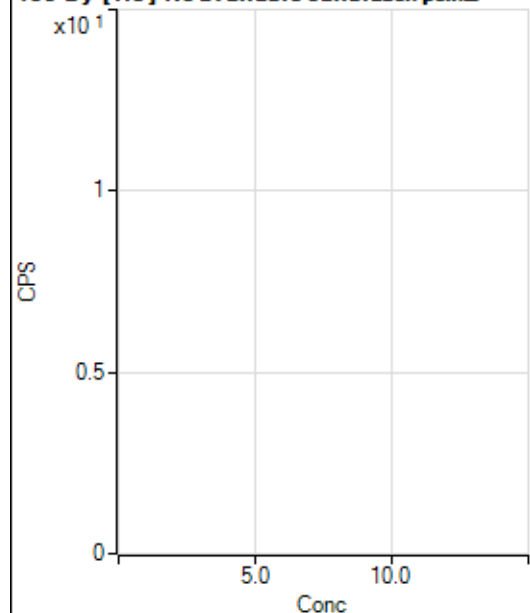
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			4.45		P	86.6
4	☐			33.33		P	40.0
5	☐			97.78		P	10.4
6	☐			186.67		P	16.4
7	☐			371.13		P	19.9
8	☐			715.60		P	7.9
9	☐			117.78		P	23.6

150 Nd [He] No available calibration points

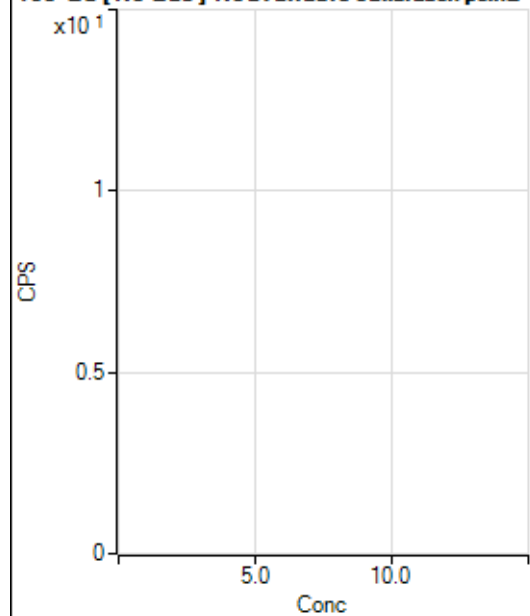
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			6.67		P	0.0
5	☐			15.55		P	44.6
6	☐			17.78		P	28.6
7	☐			36.67		P	9.1
8	☐			75.56		P	2.5
9	☐			80.00		P	32.5

156 Dy [No Gas] No available calibration points

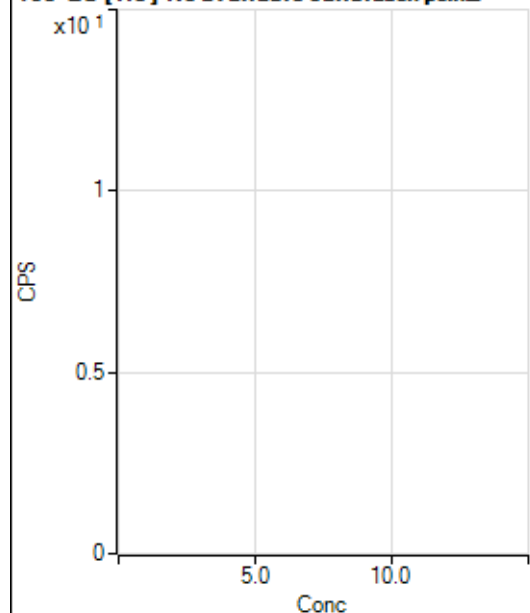
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			8.33		P	100.
3	☐			8.33		P	173.
4	☐			19.44		P	65.5
5	☐			19.44		P	99.0
6	☐			36.11		P	26.7
7	☐			41.67		P	40.0
8	☐			130.56		P	13.3
9	☐			69.45		P	42.1

156 Dy [He] No available calibration points

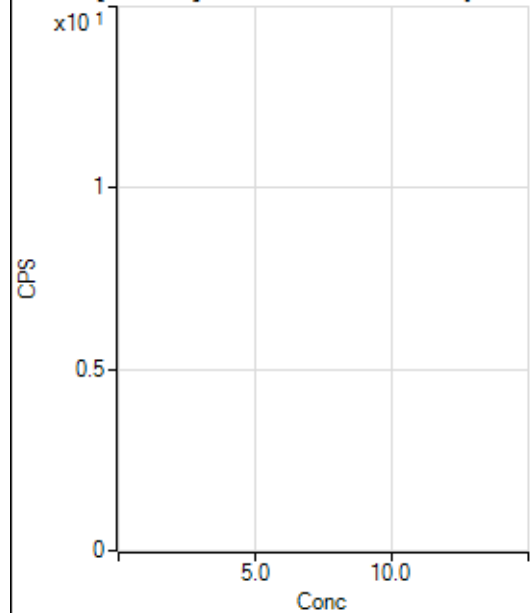
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			2.22		P	86.6
4	☐			6.67		P	50.0
5	☐			15.56		P	12.4
6	☐			53.33		P	16.5
7	☐			93.34		P	6.2
8	☐			162.22		P	9.7
9	☐			31.11		P	16.4

160 Gd [No Gas] Noavailable calibration poin_

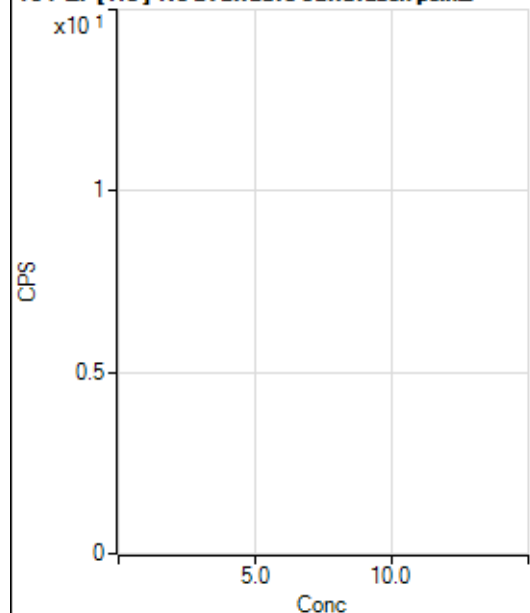
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐			63.89		P	7.5
3	☐			19.44		P	65.5
4	☐			47.22		P	44.4
5	☐			50.00		P	50.0
6	☐			38.89		P	101.
7	☐			63.89		P	61.6
8	☐			55.56		P	56.8
9	☐			75.00		P	50.9

160 Gd [He] No available calibration points

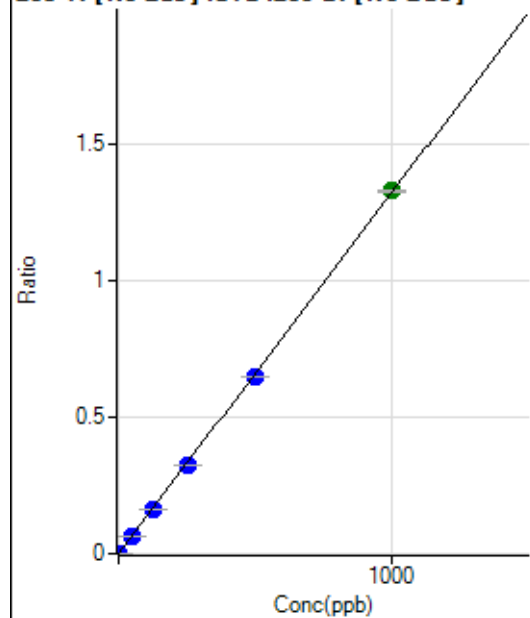
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			160.00		P	20.5
2	☐			150.00		P	27.3
3	☐			154.45		P	19.6
4	☐			161.11		P	19.2
5	☐			145.56		P	7.4
6	☐			121.11		P	7.9
7	☐			132.22		P	11.9
8	☐			108.89		P	28.9
9	☐			144.45		P	5.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			22.22		P	57.3
3	☐			19.45		P	173.
4	☐			38.89		P	44.6
5	☐			19.44		P	99.0
6	☐			27.78		P	62.5
7	☐			33.33		P	25.0
8	☐			33.34		P	25.0
9	☐			55.56		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	22.9
2	☐			6.67		P	50.0
3	☐			22.22		P	22.9
4	☐			13.33		P	50.0
5	☐			14.44		P	13.4
6	☐			12.22		P	31.5
7	☐			24.44		P	34.3
8	☐			15.56		P	32.7
9	☐			24.44		P	34.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	244.46	0.0000	P	18.6
2	☐	0.100	0.098	1000.09	0.0002	P	7.8
3	☐	1.000	0.894	7185.59	0.0012	P	3.3
4	☐	50.000	49.307	383153.60	0.0652	P	0.6
5	☐	125.000	121.884	949087.78	0.1611	P	0.3
6	☐	250.000	243.796	1870963.37	0.3221	P	0.7
7	☐	500.000	491.310	3695209.37	0.6491	P	0.3
8	☐	1000.000	1006.321	7370419.95	1.3294	A	0.4
9	☐			2116.93	0.0004	P	19.0

$$y = 0.0013 * x + 4.1609E-005$$

$$R = 0.9999$$

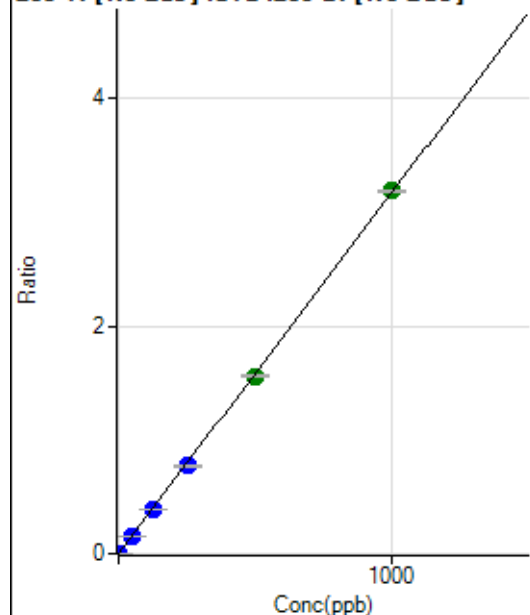
$$DL = 0.01761$$

$$BEC = 0.0315$$

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	486.14	0.0001	P	10.6
2	☐	0.100	0.098	2308.64	0.0004	P	2.0
3	☐	1.000	0.914	17534.55	0.0030	P	3.3
4	☐	50.000	49.142	916729.27	0.1559	P	0.2
5	☐	125.000	122.069	2281960.71	0.3872	P	0.4
6	☐	250.000	242.861	4474509.08	0.7703	P	0.5
7	☐	500.000	493.033	8902614.61	1.5638	A	0.4
8	☐	1000.000	1005.678	17683761.68	3.1897	A	0.4
9	☐			5179.07	0.0011	P	18.8

$$y = 0.0032 * x + 8.2730E-005$$

$$R = 0.9999$$

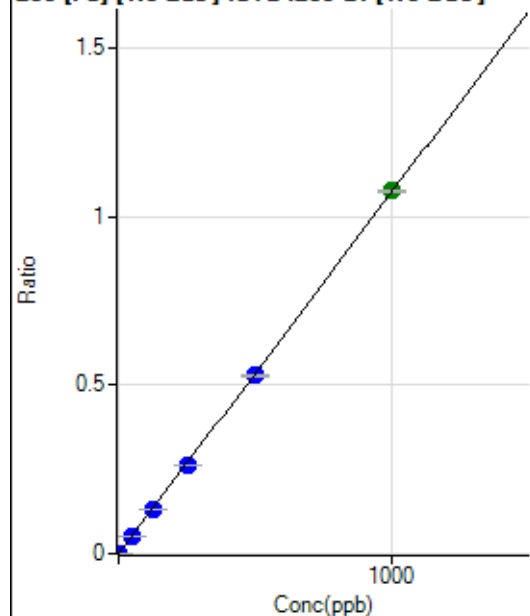
$$DL = 0.008317$$

$$BEC = 0.02608$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0000	P	7.5
2	☐	0.100	0.086	825.98	0.0001	P	7.6
3	☐	1.000	0.900	5958.91	0.0010	P	1.8
4	☐	50.000	49.605	312837.64	0.0532	P	0.9
5	☐	125.000	123.305	779083.29	0.1322	P	1.1
6	☐	250.000	246.307	1533695.78	0.2640	P	0.4
7	☐	500.000	492.711	3006688.06	0.5281	P	0.7
8	☐	1000.000	1004.799	5970960.84	1.0770	A	0.6
9	☐			6175.67	0.0013	P	3.9

$$y = 0.0011 * x + 4.8245E-005$$

$$R = 1.0000$$

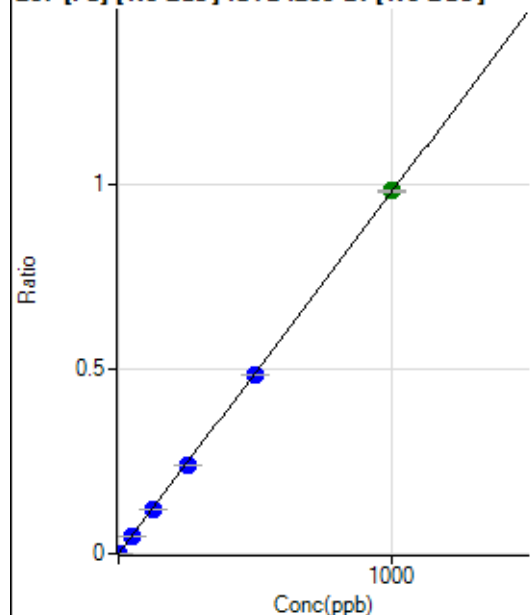
$$DL = 0.01017$$

$$BEC = 0.04501$$

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	229.64	0.0000	P	1.2
2	☐	0.100	0.095	772.27	0.0001	P	3.6
3	☐	1.000	0.919	5529.08	0.0009	P	2.3
4	☐	50.000	49.780	287157.78	0.0488	P	1.5
5	☐	125.000	123.246	712324.01	0.1209	P	0.6
6	☐	250.000	246.322	1403058.96	0.2416	P	0.4
7	☐	500.000	495.065	2763611.98	0.4854	P	0.6
8	☐	1000.000	1003.617	5455716.85	0.9841	A	0.2
9	☐			5475.35	0.0011	P	8.5

$$y = 9.8048\text{E-}004 * x + 3.9091\text{E-}005$$

$$R = 1.0000$$

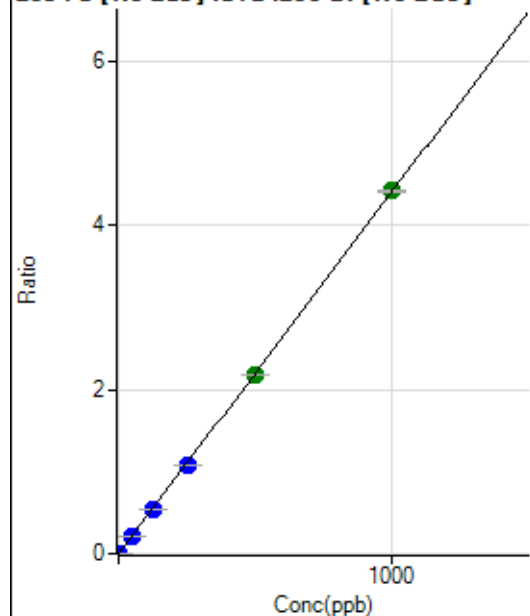
$$DL = 0.001381$$

$$BEC = 0.03987$$

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	1088.94	0.0002	P	3.4
2	☐	0.100	0.095	3531.79	0.0006	P	3.1
3	☐	1.000	0.918	24819.10	0.0042	P	1.6
4	☐	50.000	49.640	1283503.69	0.2183	P	1.2
5	☐	125.000	123.153	3190366.63	0.5414	P	0.8
6	☐	250.000	245.714	6273170.21	1.0800	P	0.5
7	☐	500.000	494.235	12366113.79	2.1722	A	0.5
8	☐	1000.000	1004.203	24467282.95	4.4133	A	0.3
9	☐			24939.52	0.0051	P	5.0

$$y = 0.0044 * x + 1.8539\text{E-}004$$

$$R = 1.0000$$

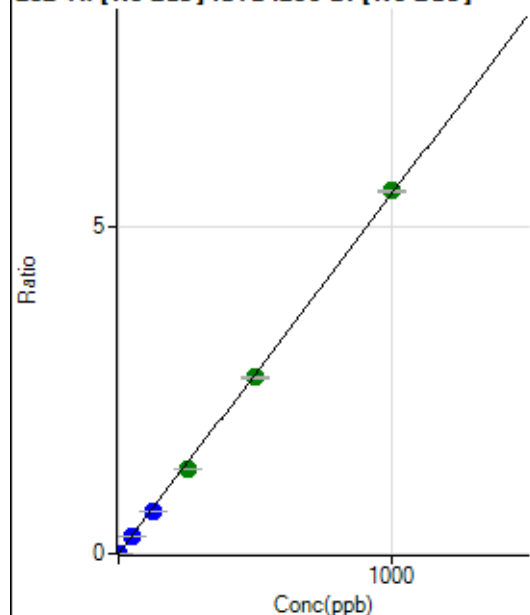
$$DL = 0.004334$$

$$BEC = 0.04218$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	307.42	0.0001	P	14.1
2	☐	0.100	0.082	2957.83	0.0005	P	7.6
3	☐	1.000	0.827	26991.24	0.0046	P	1.3
4	☐	50.000	46.799	1510479.62	0.2569	P	1.0
5	☐	125.000	117.794	3810773.84	0.6467	P	0.1
6	☐	250.000	236.474	7540291.31	1.2981	A	0.1
7	☐	500.000	489.706	15303766.08	2.6882	A	1.0
8	☐	1000.000	1009.589	30725412.49	5.5421	A	0.4
9	☐			6240.63	0.0013	P	25.5

$$y = 0.0055 * x + 5.2353E-005$$

$$R = 0.9998$$

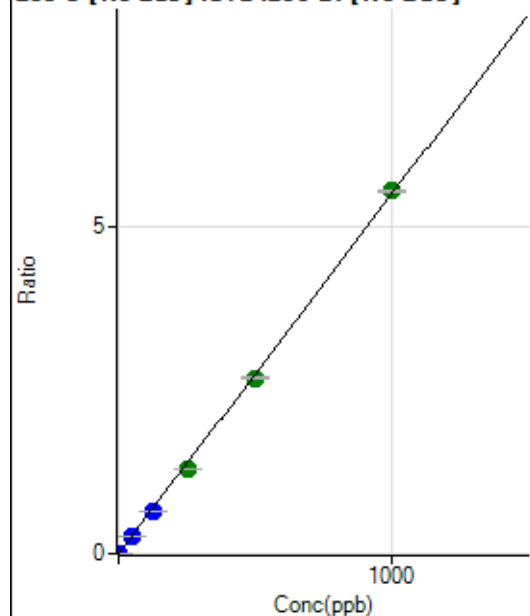
$$DL = 0.004047$$

$$BEC = 0.009537$$

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	200.01	0.0000	P	11.3
2	☐	0.100	0.082	2836.55	0.0005	P	8.8
3	☐	1.000	0.850	27747.22	0.0047	P	2.4
4	☐	50.000	46.886	1518302.46	0.2583	P	1.1
5	☐	125.000	118.225	3837474.70	0.6512	P	0.4
6	☐	250.000	237.105	7585816.75	1.3060	A	0.1
7	☐	500.000	488.373	15313602.60	2.6899	A	0.7
8	☐	1000.000	1010.040	30842716.66	5.5632	A	0.5
9	☐			3400.65	0.0007	P	39.5

$$y = 0.0055 * x + 3.4054E-005$$

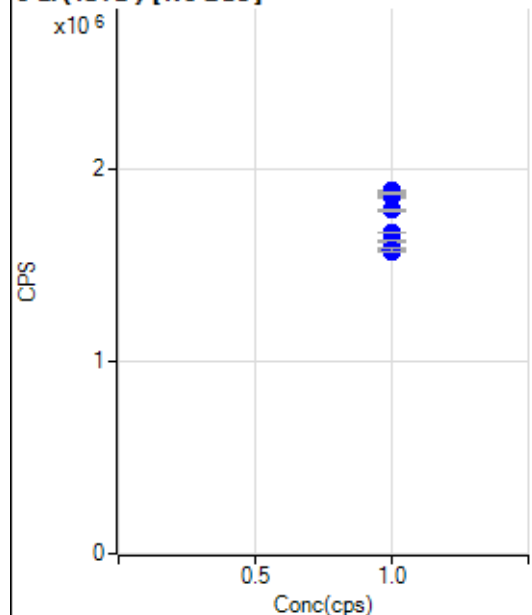
$$R = 0.9998$$

$$DL = 0.002089$$

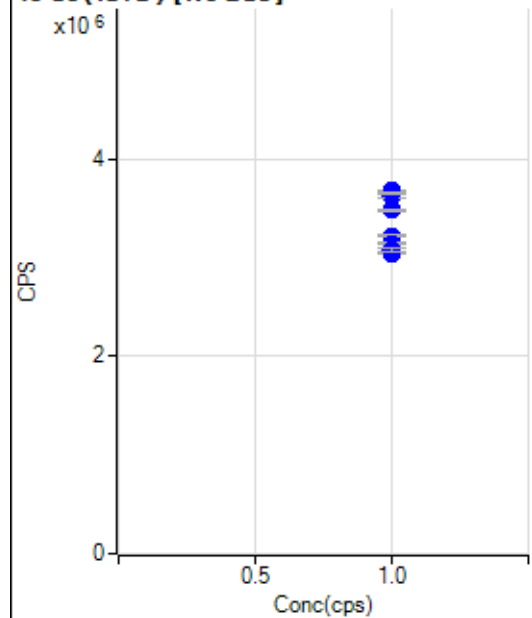
$$BEC = 0.006183$$

Weight: <None>

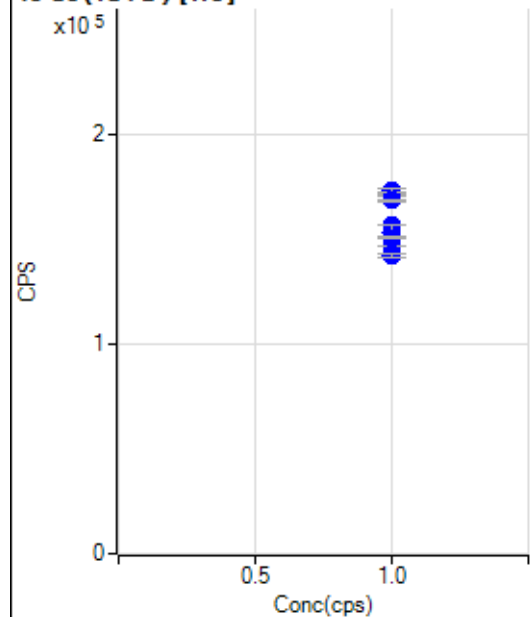
Min Conc: 0

6 Li (ISTD) [No Gas]

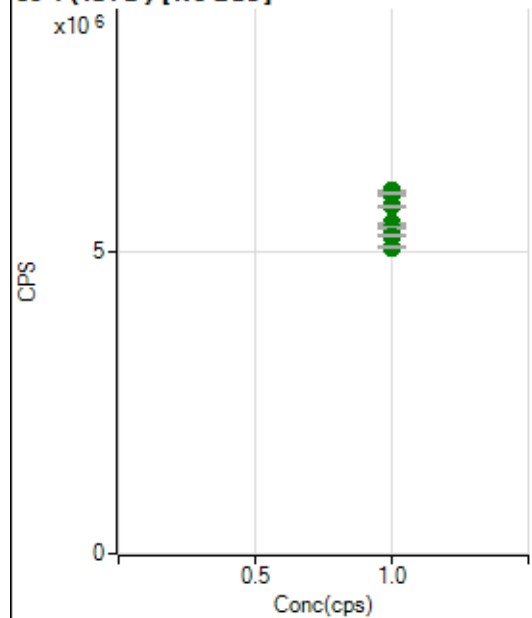
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1854697.71		P	0.8
2	☐	1.000		1880755.51		P	0.3
3	☐	1.000		1885892.97		P	0.1
4	☐	1.000		1871330.87		P	0.4
5	☐	1.000		1787010.81		P	0.5
6	☐	1.000		1665555.45		P	0.1
7	☐	1.000		1623595.14		P	0.3
8	☐	1.000		1574179.91		P	0.8
9	☐	1.000		1582770.33		P	1.2

45 Sc (ISTD) [No Gas]

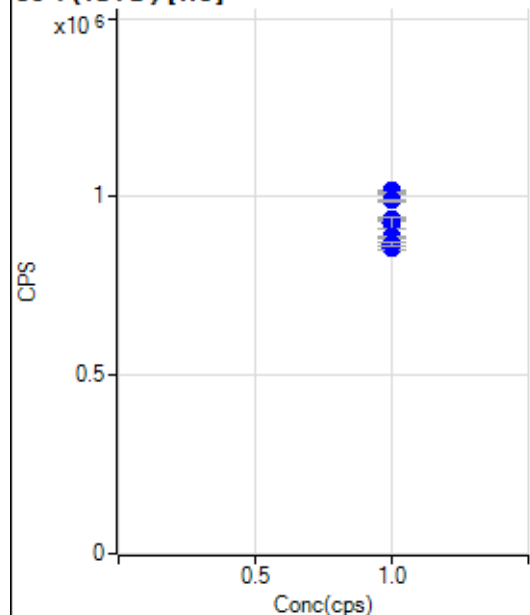
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3625532.02		P	1.0
2	☐	1.000		3659905.25		P	0.9
3	☐	1.000		3674113.97		P	0.0
4	☐	1.000		3655654.59		P	0.2
5	☐	1.000		3477254.24		P	0.6
6	☐	1.000		3221185.25		P	0.5
7	☐	1.000		3142756.34		P	0.7
8	☐	1.000		3040245.66		P	0.5
9	☐	1.000		3070613.29		P	1.3

45 Sc (ISTD) [He]

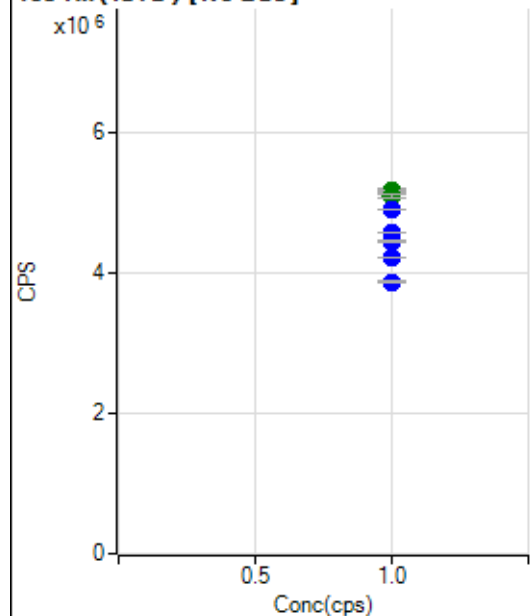
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		171732.02		P	0.6
2	☐	1.000		172513.00		P	0.5
3	☐	1.000		173373.42		P	1.0
4	☐	1.000		168809.54		P	0.7
5	☐	1.000		157272.90		P	0.2
6	☐	1.000		153852.18		P	3.8
7	☐	1.000		147356.92		P	0.2
8	☐	1.000		142692.49		P	1.1
9	☐	1.000		150855.17		P	0.7

89 Y (ISTD) [No Gas]

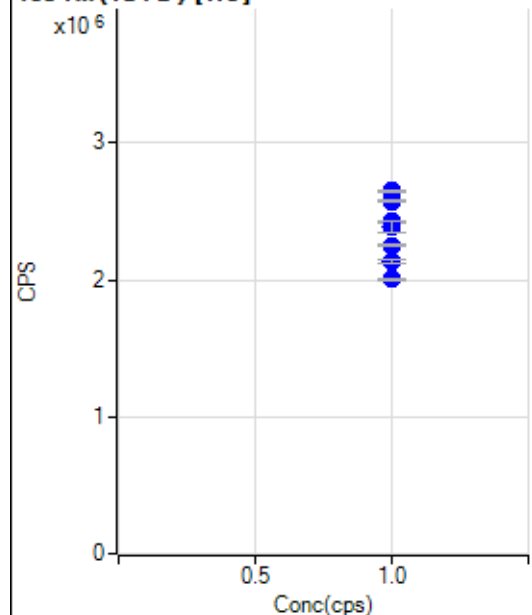
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5955856.44		A	0.6
2	☐	1.000		5979704.08		A	0.9
3	☐	1.000		6012183.45		A	0.1
4	☐	1.000		5970729.91		A	0.3
5	☐	1.000		5766814.91		A	0.5
6	☐	1.000		5475930.34		A	0.4
7	☐	1.000		5389213.81		A	0.6
8	☐	1.000		5265921.21		A	0.4
9	☐	1.000		5069156.59		A	0.6

89 Y(ISTD) [He]

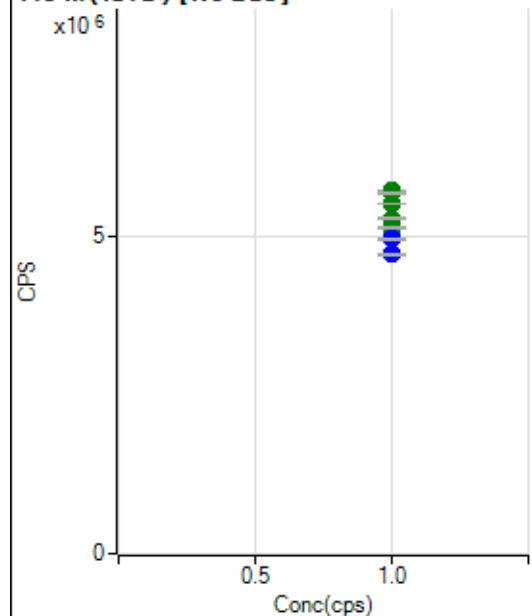
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1016241.70		P	0.4
2	☐	1.000		1007942.92		P	0.2
3	☐	1.000		1011800.64		P	0.4
4	☐	1.000		989736.09		P	0.6
5	☐	1.000		935362.03		P	0.6
6	☐	1.000		926481.75		P	3.4
7	☐	1.000		887679.46		P	0.4
8	☐	1.000		857495.61		P	1.5
9	☐	1.000		868287.73		P	0.9

103 Rh(ISTD) [No Gas]

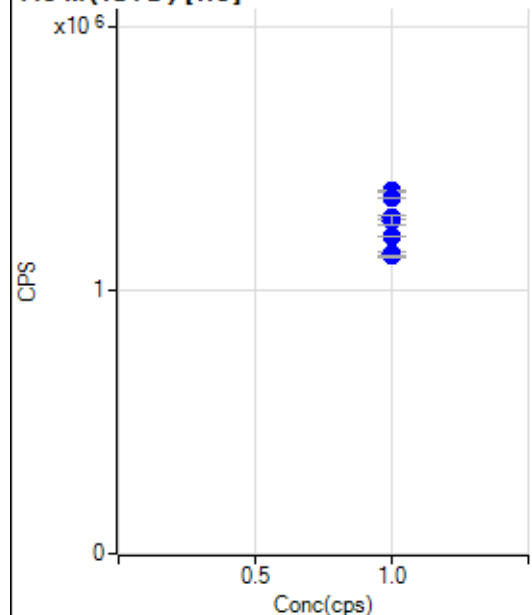
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5166442.69		A	0.9
2	☐	1.000		5130174.03		A	0.4
3	☐	1.000		5165308.28		A	0.6
4	☐	1.000		5092354.76		A	0.8
5	☐	1.000		4898543.04		P	0.1
6	☐	1.000		4572592.85		P	0.2
7	☐	1.000		4441819.54		P	0.5
8	☐	1.000		4220844.67		P	0.3
9	☐	1.000		3873835.07		P	0.7

103 Rh (ISTD) [He]

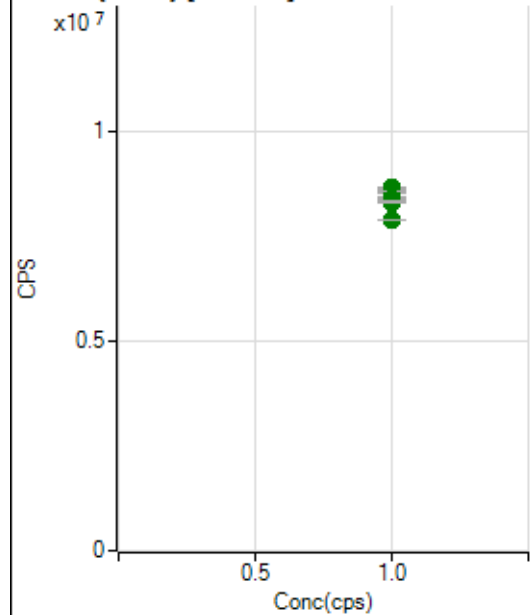
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2646436.87		P	0.6
2	☐	1.000		2639288.08		P	0.3
3	☐	1.000		2650606.51		P	0.3
4	☐	1.000		2576276.07		P	0.4
5	☐	1.000		2424117.74		P	0.8
6	☐	1.000		2392504.30		P	3.3
7	☐	1.000		2253270.66		P	0.5
8	☐	1.000		2136784.74		P	1.1
9	☐	1.000		2006264.00		P	0.4

115 In (ISTD) [No Gas]

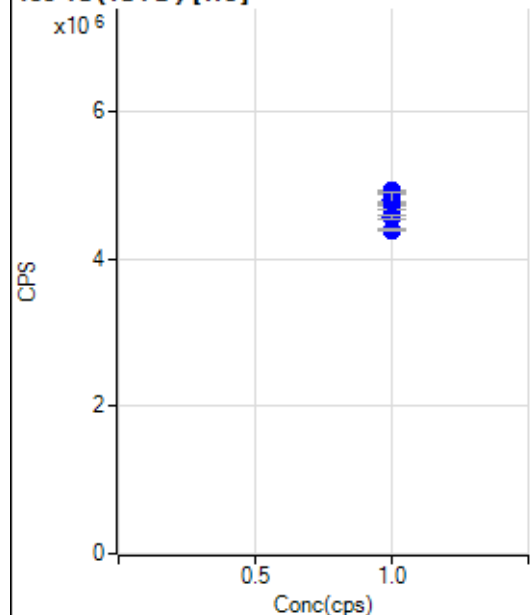
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5707323.61		A	1.0
2	☐	1.000		5709070.61		A	0.2
3	☐	1.000		5713853.17		A	0.1
4	☐	1.000		5679744.58		A	0.4
5	☐	1.000		5520954.86		A	0.1
6	☐	1.000		5272523.94		A	0.5
7	☐	1.000		5129991.14		A	0.6
8	☐	1.000		4956535.45		P	0.4
9	☐	1.000		4715986.68		P	0.7

115 In (ISTD) [He]

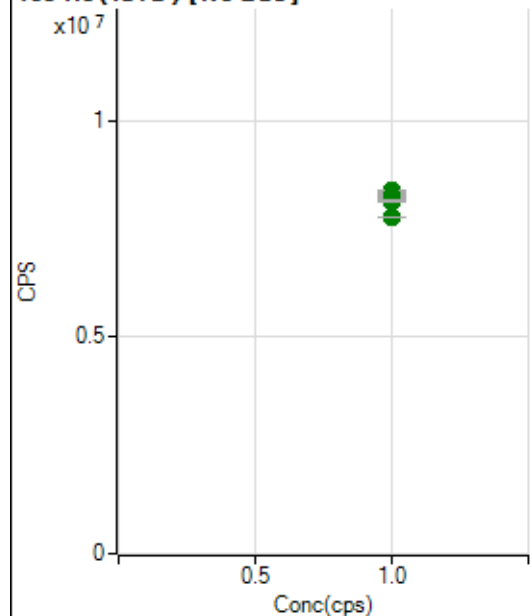
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1374463.58		P	0.7
2	☐	1.000		1375257.34		P	0.4
3	☐	1.000		1372191.02		P	0.4
4	☐	1.000		1345671.91		P	0.0
5	☐	1.000		1273938.02		P	1.0
6	☐	1.000		1263108.91		P	3.1
7	☐	1.000		1202525.99		P	0.3
8	☐	1.000		1136918.44		P	1.3
9	☐	1.000		1128411.50		P	0.7

159 Tb (ISTD) [No Gas]

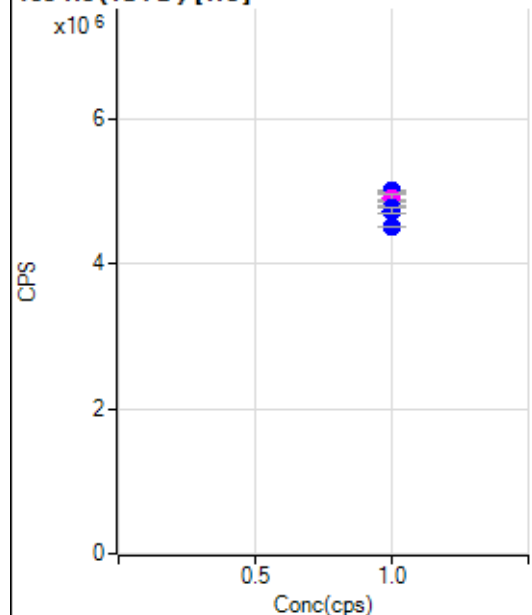
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8582671.26		A	0.6
2	☐	1.000		8564620.36		A	0.1
3	☐	1.000		8558711.47		A	0.6
4	☐	1.000		8635656.75		A	0.4
5	☐	1.000		8569109.87		A	0.0
6	☐	1.000		8393555.71		A	0.2
7	☐	1.000		8350329.46		A	0.6
8	☐	1.000		8295473.49		A	0.7
9	☐	1.000		7883632.17		A	0.1

159 Tb (ISTD) [He]

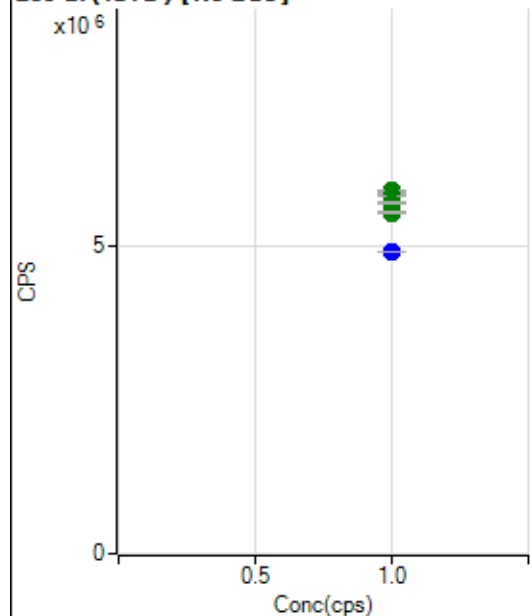
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4923079.65		P	0.7
2	☐	1.000		4895030.20		P	0.5
3	☐	1.000		4890995.07		P	0.5
4	☐	1.000		4905831.21		P	0.4
5	☐	1.000		4762118.40		P	0.9
6	☐	1.000		4810213.19		P	3.5
7	☐	1.000		4670742.36		P	0.4
8	☐	1.000		4576200.94		P	1.1
9	☐	1.000		4394421.50		P	0.3

165 Ho (ISTD) [No Gas]

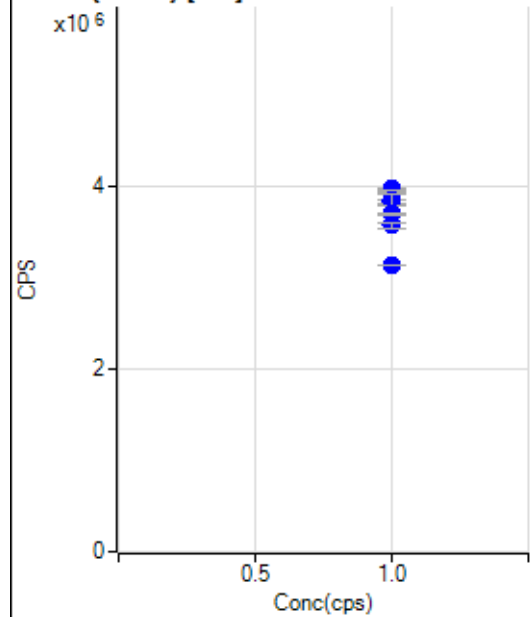
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8380928.31		A	0.7
2	☐	1.000		8295126.05		A	0.6
3	☐	1.000		8316658.09		A	0.2
4	☐	1.000		8383443.16		A	0.3
5	☐	1.000		8363315.81		A	0.4
6	☐	1.000		8265734.73		A	0.3
7	☐	1.000		8214846.97		A	0.4
8	☐	1.000		8149413.90		A	0.2
9	☐	1.000		7774354.95		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5012809.02		P	0.1
2	☐	1.000		4989649.26		P	0.5
3	☐	1.000		4997155.58		P	0.4
4	☐	1.000		4990084.71		P	0.2
5	☐	1.000		4877235.21		P	0.8
6	☐	1.000		4907145.55		M	2.2
7	☐	1.000		4790977.95		P	0.3
8	☐	1.000		4732747.19		P	1.6
9	☐	1.000		4520407.64		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5874437.76		A	0.5
2	☐	1.000		5860964.98		A	0.4
3	☐	1.000		5881191.85		A	0.8
4	☐	1.000		5878645.54		A	0.3
5	☐	1.000		5892920.05		A	0.3
6	☐	1.000		5808491.16		A	0.4
7	☐	1.000		5693023.87		A	0.5
8	☐	1.000		5544051.93		A	0.1
9	☐	1.000		4909346.42		P	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3980666.22		P	0.3
2	☐	1.000		3954445.05		P	0.4
3	☐	1.000		3956152.34		P	0.6
4	☐	1.000		3955541.99		P	0.5
5	☐	1.000		3840383.55		P	1.0
6	☐	1.000		3861338.42		P	3.0
7	☐	1.000		3705324.39		P	0.3
8	☐	1.000		3577272.93		P	1.3
9	☐	1.000		3141628.43		P	0.5