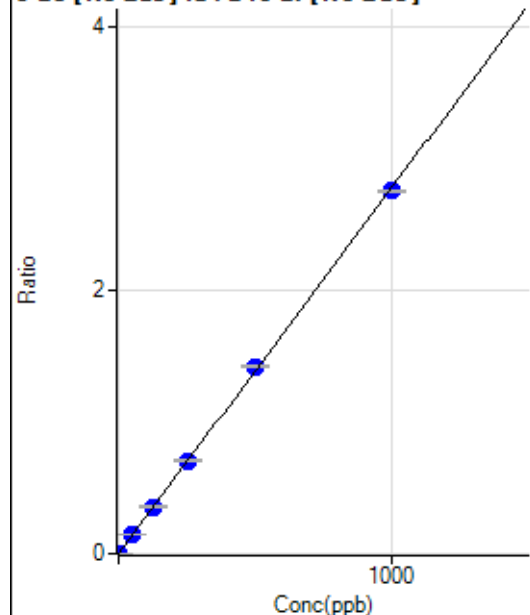


Batch Folder: D:\ICP-MS Data\P711122019MS.b\
Analysis File: P711122019MS.batch.bin
DA Date-Time: 2019-11-13 10:57:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-11-12 14:22:56
2	004CALS.d	S01	2019-11-12 14:26:29
3	005CALS.d	S02	2019-11-12 14:30:27
4	006CALS.d	S03	2019-11-12 14:34:21
5	007CALS.d	S04	2019-11-12 14:38:17
6	008CALS.d	S05	2019-11-12 14:42:09
7	009CALS.d	S06	2019-11-12 14:45:59
8	010CALS.d	S07	2019-11-12 14:49:47
9	011CALS.d	S08	2019-11-12 14:53:33

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.37	0.0000	P	31.2
2	☒	0.100					
3	☐	1.000	1.089	1722.36	0.0031	P	3.9
4	☐	50.000	51.612	80438.65	0.1434	P	0.9
5	☐	125.000	128.301	200276.82	0.3564	P	1.1
6	☐	250.000	254.422	401335.91	0.7068	P	1.2
7	☐	500.000	512.350	796852.61	1.4232	P	0.4
8	☐	1000.000	992.226	1523500.67	2.7562	P	0.3
9	☐			187.04	0.0004	P	6.5

$$y = 0.0028 * x + 3.6622E-005$$

$$R = 0.9999$$

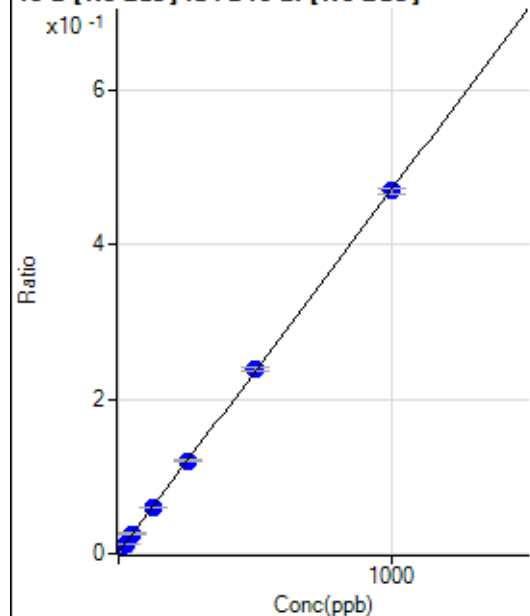
$$DL = 0.01234$$

$$BEC = 0.01318$$

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	827.83	0.0015	P	14.9
2	☐	2.500	-0.075	811.17	0.0015	P	9.3
3	☐	25.000	24.231	7240.90	0.0129	P	4.2
4	☐	50.000	52.237	14596.45	0.0260	P	1.6
5	☐	125.000	125.792	34033.59	0.0606	P	1.0
6	☐	250.000	251.856	68011.95	0.1198	P	2.0
7	☐	500.000	504.490	133477.55	0.2384	P	1.7
8	☐	1000.000	997.106	259636.20	0.4697	P	1.6
9	☐			4031.26	0.0080	P	8.8

$$y = 4.6962E-004 * x + 0.0015$$

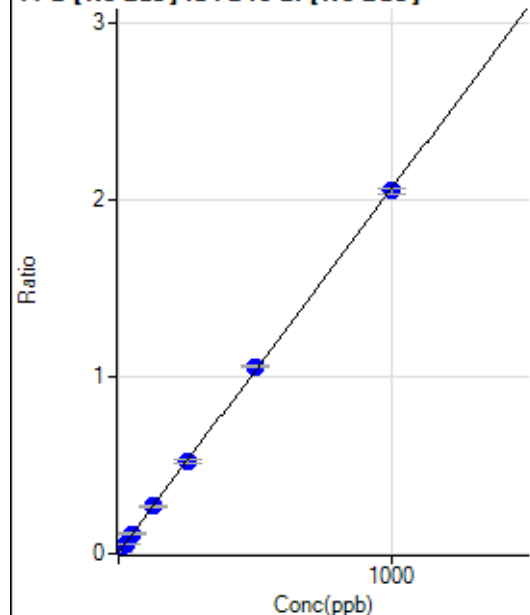
$$R = 1.0000$$

$$DL = 1.412$$

$$BEC = 3.169$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3867.33	0.0070	P	2.3
2	☐	2.500	-0.185	3670.03	0.0066	P	3.2
3	☐	25.000	24.668	32419.15	0.0576	P	1.0
4	☐	50.000	51.794	63570.54	0.1133	P	2.2
5	☐	125.000	126.648	150049.11	0.2670	P	1.0
6	☐	250.000	250.292	295833.89	0.5209	P	3.1
7	☐	500.000	511.377	591859.03	1.0571	P	1.3
8	☐	1000.000	993.958	1132064.77	2.0481	P	1.7
9	☐			17861.25	0.0353	P	5.6

$$y = 0.0021 * x + 0.0070$$

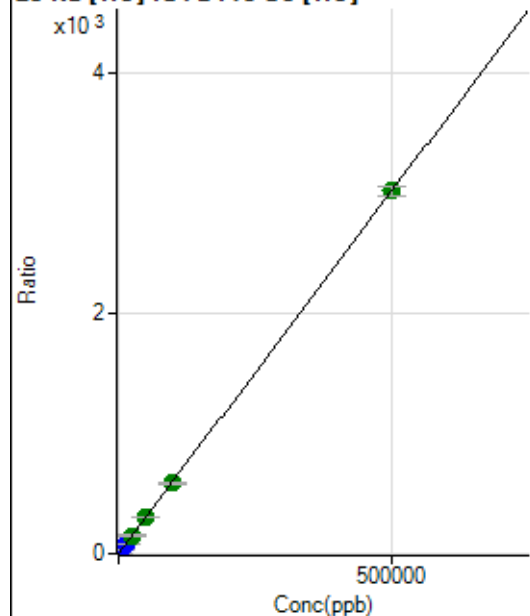
$$R = 0.9999$$

$$DL = 0.2381$$

$$BEC = 3.387$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3253.27	0.0861	P	10.0
2	☒	50.000					
3	☐	500.000	516.805	125289.86	3.2049	P	1.0
4	☐	5000.000	5174.372	1234514.21	31.3126	P	1.2
5	☐	12500.000	12723.795	3028063.22	76.8721	P	0.9
6	☐	25000.000	25090.039	6014175.44	151.5004	A	1.6
7	☐	50000.000	50613.455	11817372.23	305.5300	A	1.5
8	☐	100000.00	97000.831	23141540.79	585.4703	A	0.7
9	☐	500000.00	500526.63	114115744.2	3,020.682	A	2.7

$$y = 0.0060 * x + 0.0861$$

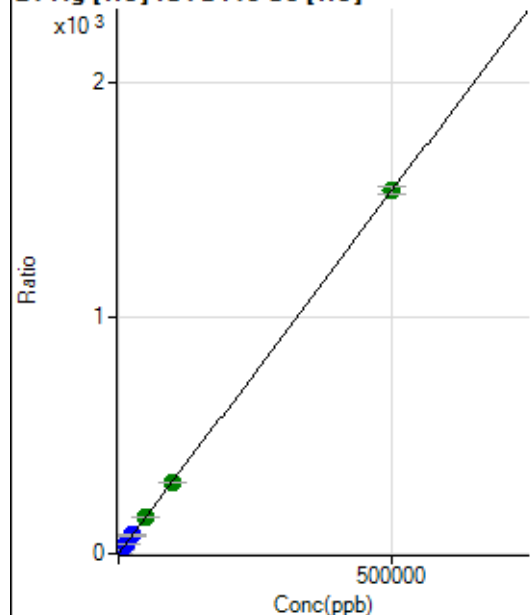
$$R = 1.0000$$

$$DL = 4.274$$

$$BEC = 14.26$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0041	P	23.7
2	☒	50.000					
3	☐	500.000	557.934	67282.26	1.7210	P	1.2
4	☐	5000.000	5266.274	639072.91	16.2097	P	0.8
5	☐	12500.000	12833.147	1555730.99	39.4949	P	0.6
6	☐	25000.000	25198.344	3078547.77	77.5456	P	0.6
7	☐	50000.000	51199.857	6094163.59	157.5586	A	0.7
8	☐	100000.00	97606.956	11871738.20	300.3646	A	0.4
9	☐	500000.00	500337.65	58171727.69	1,539.665	A	2.0

$$y = 0.0031 * x + 0.0041$$

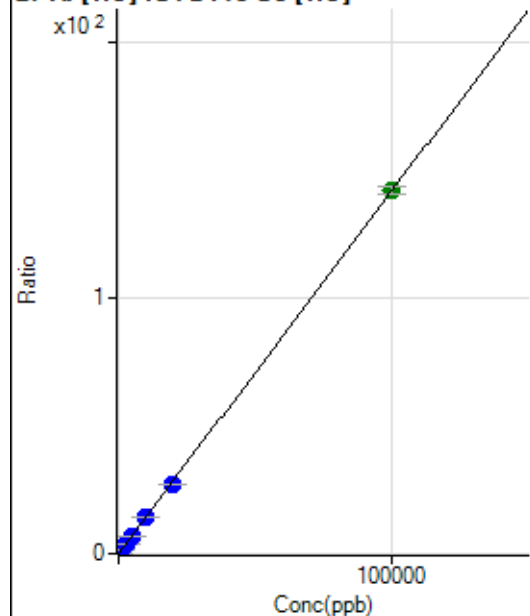
$$R = 1.0000$$

$$DL = 0.951$$

$$BEC = 1.34$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0077	P	28.9
2	☒	2.000					
3	☐	20.000	15.584	1163.99	0.0298	P	17.8
4	☐	1000.000	1025.871	57514.41	1.4588	P	2.0
5	☐	2500.000	2537.998	141713.67	3.5977	P	0.1
6	☐	5000.000	4989.038	280466.97	7.0646	P	0.4
7	☐	10000.000	10019.166	548452.07	14.1796	P	1.4
8	☐	20000.000	19260.484	1077144.98	27.2512	P	0.8
9	☐	100000.00	100145.32	5352101.25	141.6605	A	2.2

$$y = 0.0014 * x + 0.0077$$

$$R = 1.0000$$

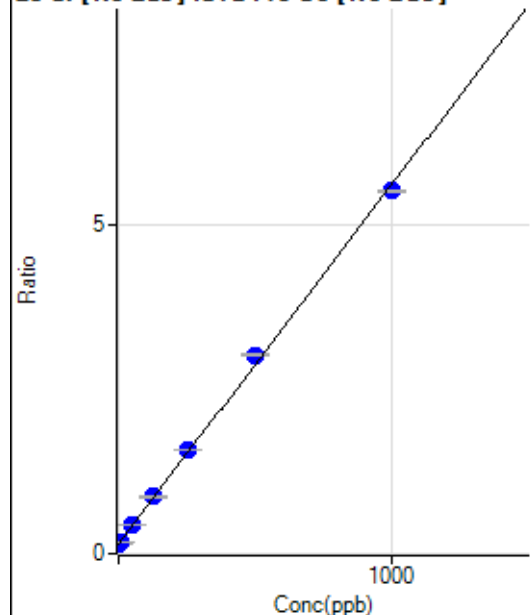
$$DL = 4.744$$

$$BEC = 5.469$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132106.79	0.1496	P	1.4
2	☐	1.000	-0.379	133476.87	0.1476	P	0.4
3	☐	10.000	6.199	167788.29	0.1835	P	0.7
4	☐	50.000	51.334	398083.99	0.4301	P	1.3
5	☐	125.000	131.329	803390.39	0.8672	P	1.3
6	☐	250.000	262.427	1483133.51	1.5835	P	0.6
7	☐	500.000	525.186	2793552.06	3.0192	P	0.9
8	☐	1000.000	983.482	5097983.32	5.5232	P	0.5
9	☐			406060.63	0.4948	P	0.4

$$y = 0.0055 * x + 0.1496$$

$$R = 0.9994$$

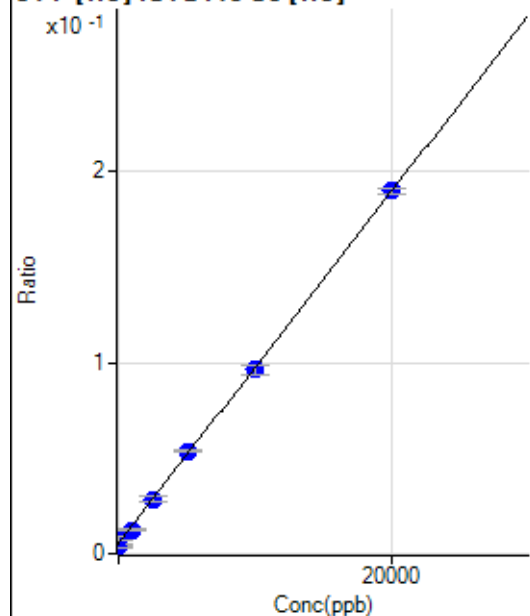
$$DL = 1.18$$

$$BEC = 27.38$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-97.763	175.01	0.0046	P	12.7
2	☐	0.000	-167.832	152.79	0.0040	P	46.5
3	☐	0.000	265.595	311.13	0.0080	P	17.8
4	☐	1000.000	725.147	480.58	0.0122	P	7.7
5	☐	2500.000	2497.513	1122.31	0.0285	P	10.9
6	☐	5000.000	5243.457	2133.56	0.0537	P	0.9
7	☐	10000.000	9857.157	3720.06	0.0962	P	4.6
8	☐	20000.000	20024.611	7496.65	0.1897	P	1.5
9	☐			186.12	0.0049	P	16.4

$$y = 9.1959E-006 * x + 0.0055$$

$$R = 0.9996$$

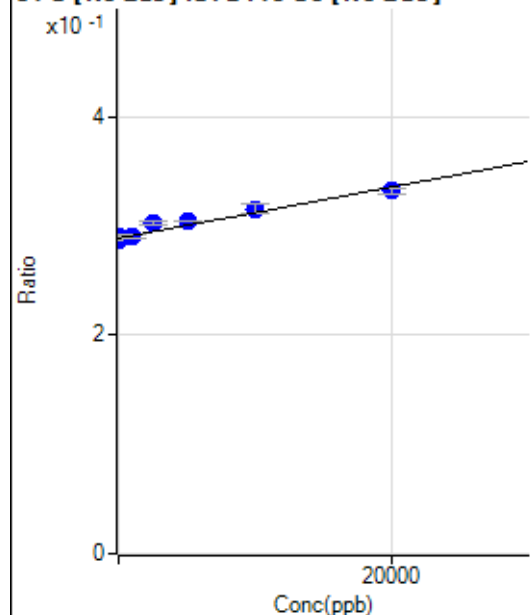
$$DL = 418.7$$

$$BEC = 600.3$$

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	508.050	256336.24	0.2903	P	1.3
2	☐	0.000	-552.532	260370.71	0.2878	P	0.7
3	☐	0.000	44.482	264471.69	0.2892	P	1.0
4	☐	1000.000	716.271	269151.14	0.2908	P	0.8
5	☐	2500.000	5786.148	280404.58	0.3027	P	1.4
6	☐	5000.000	6604.790	285279.93	0.3046	P	0.3
7	☐	10000.000	11493.835	292393.57	0.3160	P	2.9
8	☐	20000.000	18455.303	306743.55	0.3323	P	1.3
9	☐			229332.86	0.2794	P	1.0

$$y = 2.3420\text{E-}006 * x + 0.2891$$

$$R = 0.9768$$

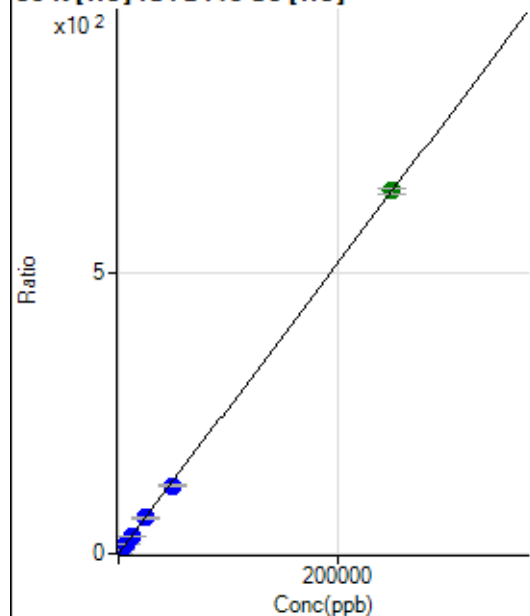
$$DL = 3683$$

$$BEC = 1.234\text{E}+05$$

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	13295.33	0.3515	P	0.7
2	☒	50.000					
3	☐	500.000	520.175	66214.92	1.6937	P	1.4
4	☐	2500.000	2556.353	273904.24	6.9477	P	0.2
5	☐	6250.000	6282.185	652367.73	16.5615	P	0.4
6	☐	12500.000	12341.770	1278215.58	32.1972	P	1.3
7	☐	25000.000	24539.433	2462723.43	63.6710	P	1.2
8	☐	50000.000	46989.240	4806297.68	121.5985	P	0.9
9	☐	250000.00	250654.71	24451776.07	647.1191	A	1.5

$$y = 0.0026 * x + 0.3515$$

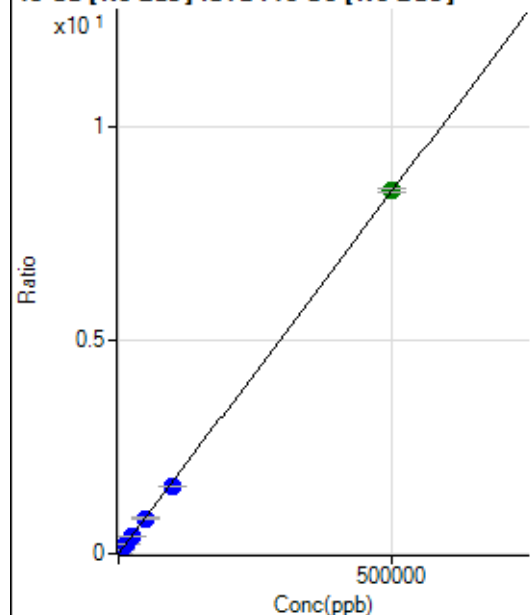
$$R = 0.9999$$

$$DL = 2.981$$

$$BEC = 136.2$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0001	P	25.8
2	☒	50.000					
3	☐	500.000	497.421	7824.62	0.0086	P	5.0
4	☐	5000.000	4977.463	78202.36	0.0845	P	0.5
5	☐	12500.000	12136.031	190713.26	0.2058	P	0.5
6	☐	25000.000	24186.877	384100.00	0.4101	P	1.4
7	☐	50000.000	49030.281	769068.21	0.8312	P	0.9
8	☐	100000.00	93526.634	1463401.22	1.5854	P	0.5
9	☐	500000.00	501441.62	6975278.28	8.4995	A	1.0

$$y = 1.6950\text{E-}005 * x + 1.2568\text{E-}004$$

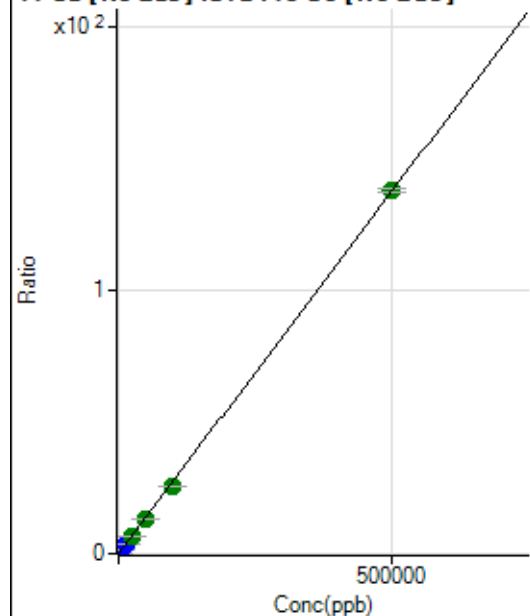
$$R = 0.9999$$

$$DL = 5.731$$

$$BEC = 7.415$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7635.58	0.0086	P	3.7
2	☒	50.000					
3	☐	500.000	497.720	132966.81	0.1454	P	1.2
4	☐	5000.000	4945.582	1265786.21	1.3676	P	0.5
5	☐	12500.000	12114.066	3091965.78	3.3373	P	1.5
6	☐	25000.000	24023.627	6190644.49	6.6098	A	0.8
7	☐	50000.000	48499.988	12339202.97	13.3354	A	0.6
8	☐	100000.00	93292.562	23670372.58	25.6435	A	0.4
9	☐	500000.00	501550.50	113108199.7	137.8241	A	1.1

$$y = 2.7478\text{E-}004 * x + 0.0086$$

$$R = 0.9999$$

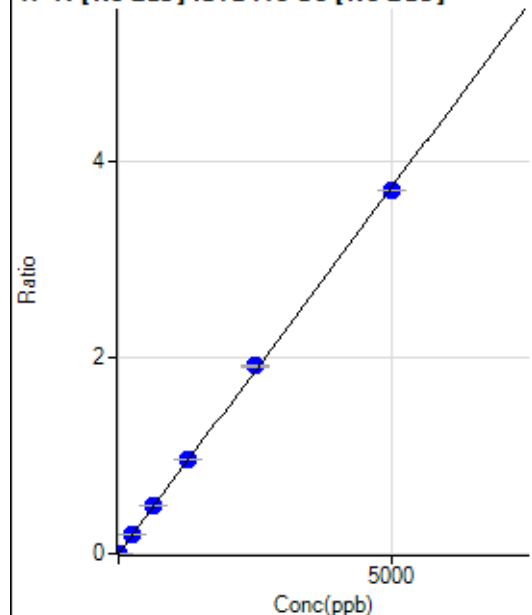
$$DL = 3.448$$

$$BEC = 31.48$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.1
2	☐	0.500	0.016	27.78	0.0000	P	17.3
3	☐	5.000	5.263	3608.92	0.0039	P	0.4
4	☐	250.000	258.165	178351.83	0.1927	P	0.4
5	☐	625.000	647.070	447436.35	0.4829	P	0.9
6	☐	1250.000	1282.260	896320.03	0.9570	P	0.4
7	☐	2500.000	2565.680	1771841.25	1.9148	P	0.6
8	☐	5000.000	4955.928	3414039.01	3.6988	P	0.1
9	☐			633.38	0.0008	P	16.5

$$y = 7.4632E-004 * x + 1.8803E-005$$

$$R = 0.9998$$

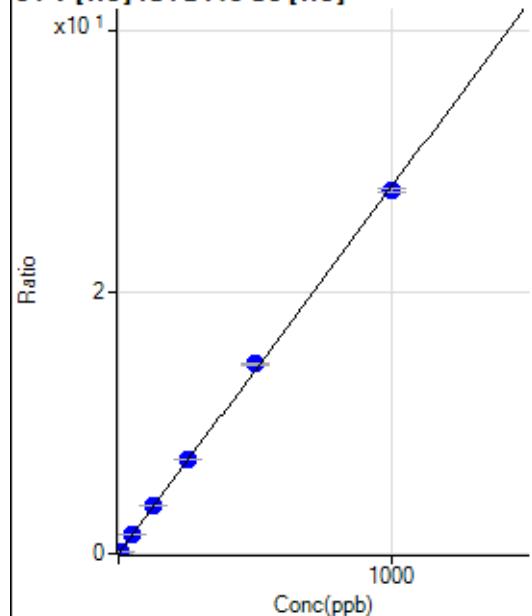
$$DL = 0.03712$$

$$BEC = 0.02519$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.45	0.0001	P	86.6
2	☒	0.500					
3	☐	5.000	5.801	6359.23	0.1627	P	1.9
4	☐	50.000	53.179	58745.71	1.4901	P	0.7
5	☐	125.000	130.026	143514.66	3.6433	P	0.8
6	☐	250.000	256.362	285155.52	7.1830	P	1.2
7	☐	500.000	517.834	561175.81	14.5091	P	1.3
8	☐	1000.000	988.701	1094969.29	27.7021	P	1.0
9	☐			320.01	0.0085	P	4.6

$$y = 0.0280 * x + 1.1653E-004$$

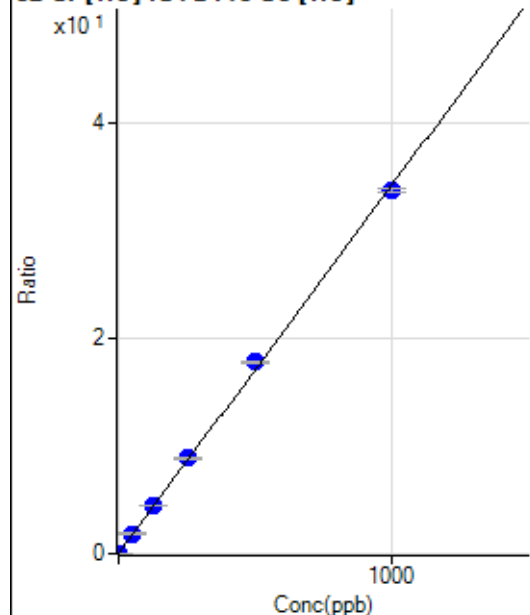
$$R = 0.9997$$

$$DL = 0.01081$$

$$BEC = 0.004159$$

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	468.90	0.0124	P	18.1
2	☒	0.200					
3	☐	2.000	2.169	3382.66	0.0865	P	2.4
4	☐	50.000	54.272	73582.95	1.8663	P	1.6
5	☐	125.000	132.565	178864.57	4.5407	P	0.4
6	☐	250.000	259.264	352085.83	8.8687	P	1.0
7	☐	500.000	521.345	689311.43	17.8212	P	1.3
8	☐	1000.000	985.852	1331618.73	33.6884	P	1.1
9	☐			51944.71	1.3748	P	1.9

$$y = 0.0342 * x + 0.0124$$

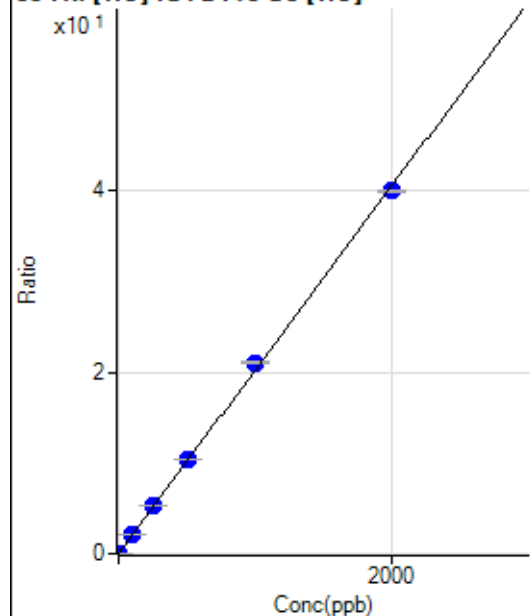
$$R = 0.9996$$

$$DL = 0.1978$$

$$BEC = 0.3635$$

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	91.11	0.0024	P	27.1
2	☒	0.100					
3	☐	1.000	1.105	967.82	0.0248	P	6.2
4	☐	100.000	107.210	85575.50	2.1706	P	1.0
5	☐	250.000	263.612	210096.62	5.3336	P	0.6
6	☐	500.000	513.261	412165.37	10.3824	P	1.3
7	☐	1000.000	1039.811	813450.07	21.0311	P	1.2
8	☐	2000.000	1974.717	1578585.83	39.9382	P	0.7
9	☐			7308.61	0.1934	P	2.2

$$y = 0.0202 * x + 0.0024$$

$$R = 0.9997$$

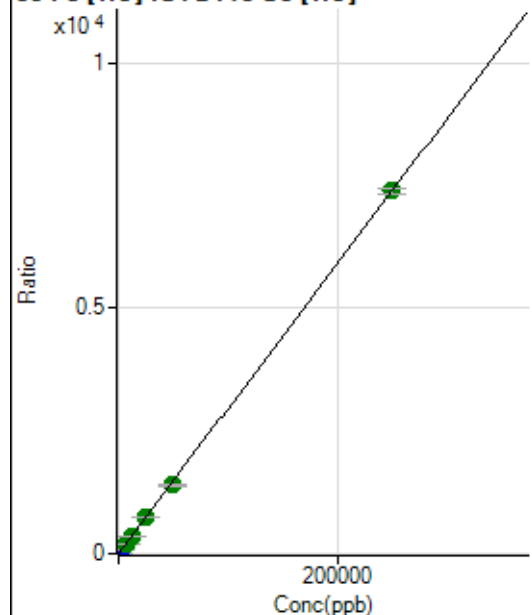
$$DL = 0.0969$$

$$BEC = 0.1191$$

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	1890.92	0.0501	P	11.0
2	☐	5.000	-0.365	1509.38	0.0393	P	6.0
3	☐	50.000	57.356	68091.42	1.7417	P	1.3
4	☐	2500.000	2615.140	3043000.16	77.1818	P	1.5
5	☐	6250.000	6332.409	7358937.26	186.8202	A	0.1
6	☐	12500.000	12402.586	14523422.78	365.8559	A	1.7
7	☐	25000.000	25023.602	28548818.23	738.1042	A	1.3
8	☐	50000.000	47271.479	55111262.34	1,394.290	A	0.7
9	☐	250000.00	250545.00	279207378.4	7,389.704	A	1.9

$$y = 0.0295 * x + 0.0501$$

$$R = 0.9999$$

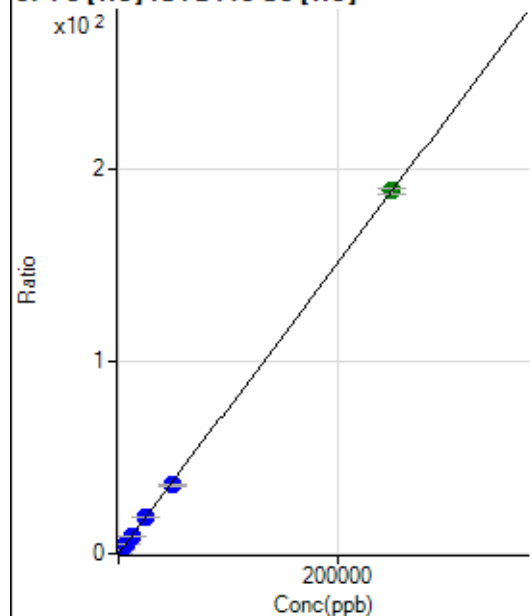
$$DL = 0.5613$$

$$BEC = 1.697$$

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	144.45	0.0038	P	20.3
2	☒	5.000					
3	☐	50.000	58.112	1861.28	0.0476	P	3.2
4	☐	2500.000	2625.818	78163.45	1.9827	P	0.8
5	☐	6250.000	6388.770	189814.45	4.8185	P	1.2
6	☐	12500.000	12385.788	370703.16	9.3380	P	1.3
7	☐	25000.000	25166.004	733720.00	18.9695	P	1.2
8	☐	50000.000	47287.325	1408791.09	35.6406	P	1.1
9	☐	250000.00	250526.91	7134196.57	188.8064	A	1.4

$$y = 7.5362E-004 * x + 0.0038$$

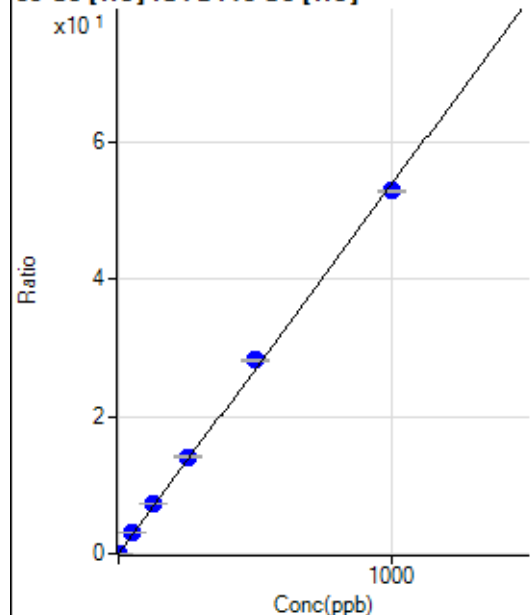
$$R = 0.9999$$

$$DL = 3.093$$

$$BEC = 5.069$$

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	81.11	0.0021	P	7.3
2	☒	0.100					
3	☐	1.000	1.149	2499.14	0.0639	P	3.9
4	☐	50.000	55.277	117278.01	2.9747	P	1.1
5	☐	125.000	134.959	285963.23	7.2597	P	0.3
6	☐	250.000	262.480	560421.24	14.1172	P	1.6
7	☐	500.000	524.185	1090367.74	28.1907	P	1.1
8	☐	1000.000	983.278	2089966.22	52.8788	P	0.4
9	☐			4564.11	0.1208	P	0.4

$$y = 0.0538 * x + 0.0021$$

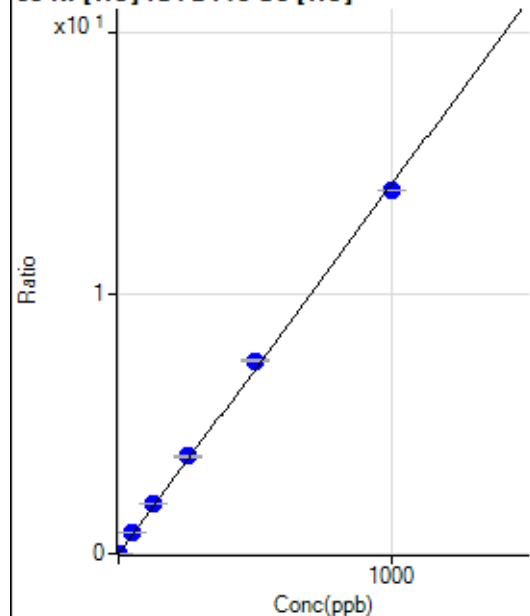
$$R = 0.9995$$

$$DL = 0.008732$$

$$BEC = 0.03985$$

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	30.00	0.0008	P	40.2
2	☒	0.100					
3	☐	1.000	1.102	641.14	0.0164	P	6.4
4	☐	50.000	56.054	31344.83	0.7950	P	3.0
5	☐	125.000	136.327	76114.18	1.9323	P	1.0
6	☐	250.000	263.777	148385.14	3.7380	P	1.9
7	☐	500.000	523.067	286664.90	7.4116	P	1.2
8	☐	1000.000	983.303	550657.20	13.9321	P	0.1
9	☐			14891.06	0.3942	P	3.5

$$y = 0.0142 * x + 7.9644E-004$$

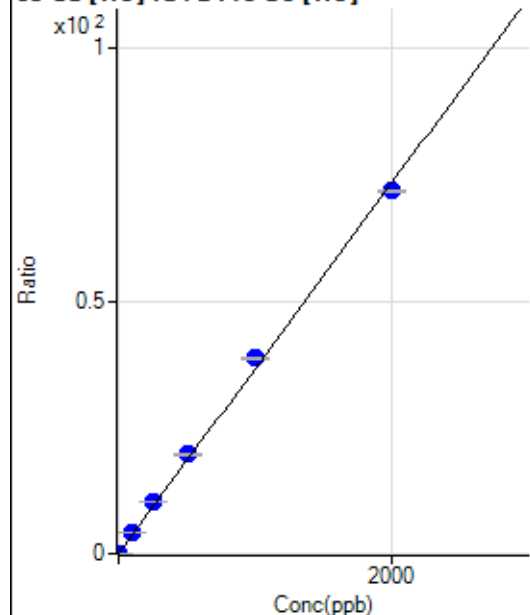
$$R = 0.9995$$

$$DL = 0.06788$$

$$BEC = 0.05621$$

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	254.45	0.0067	P	12.0
2	☒	0.200					
3	☐	2.000	2.250	3488.25	0.0892	P	1.3
4	☐	100.000	113.102	163761.94	4.1539	P	0.4
5	☐	250.000	276.404	399494.33	10.1417	P	0.6
6	☐	500.000	535.090	779159.37	19.6269	P	1.1
7	☐	1000.000	1056.112	1498044.14	38.7313	P	1.3
8	☐	2000.000	1959.215	2839576.56	71.8454	P	0.2
9	☐			5394.40	0.1428	P	2.9

$$y = 0.0367 * x + 0.0067$$

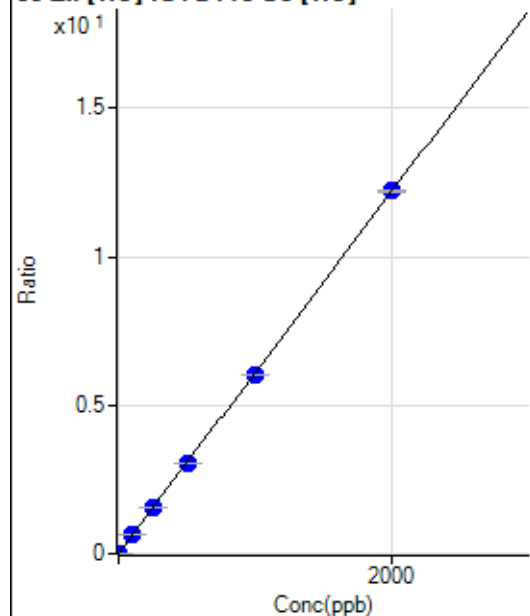
$$R = 0.9992$$

$$DL = 0.06616$$

$$BEC = 0.1837$$

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	286.68	0.0076	P	8.8
2	☒	0.200					
3	☐	2.000	1.725	706.70	0.0181	P	2.8
4	☐	100.000	104.700	25437.95	0.6453	P	0.3
5	☐	250.000	256.112	61737.86	1.5674	P	1.4
6	☐	500.000	499.998	121197.03	3.0528	P	0.6
7	☐	1000.000	987.096	232824.70	6.0195	P	0.9
8	☐	2000.000	2005.454	483047.28	12.2219	P	0.3
9	☐			9698.92	0.2567	P	1.3

$$y = 0.0061 * x + 0.0076$$

$$R = 1.0000$$

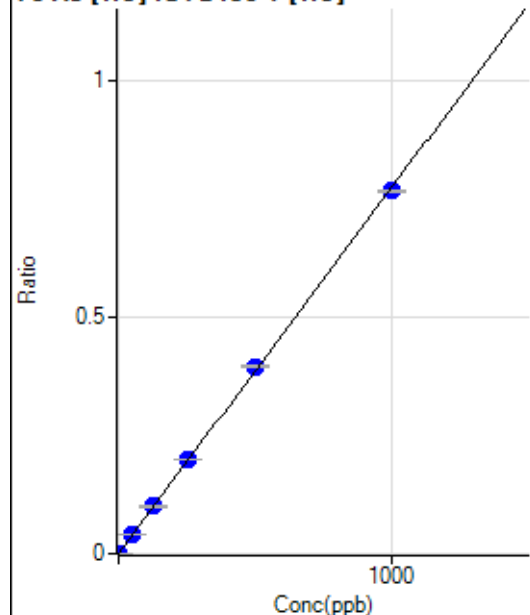
$$DL = 0.3274$$

$$BEC = 1.243$$

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	4.32	0.0000	P	66.2
2	☒	0.100					
3	☐	1.000	1.218	188.27	0.0010	P	7.1
4	☐	50.000	51.966	7900.97	0.0402	P	2.1
5	☐	125.000	130.189	19758.56	0.1006	P	3.0
6	☐	250.000	256.840	38991.66	0.1985	P	1.3
7	☐	500.000	511.773	76061.18	0.3955	P	1.4
8	☐	1000.000	991.656	146523.81	0.7664	P	0.6
9	☐			68.52	0.0004	P	10.2

$$y = 7.7278E-004 * x + 2.3141E-005$$

$$R = 0.9999$$

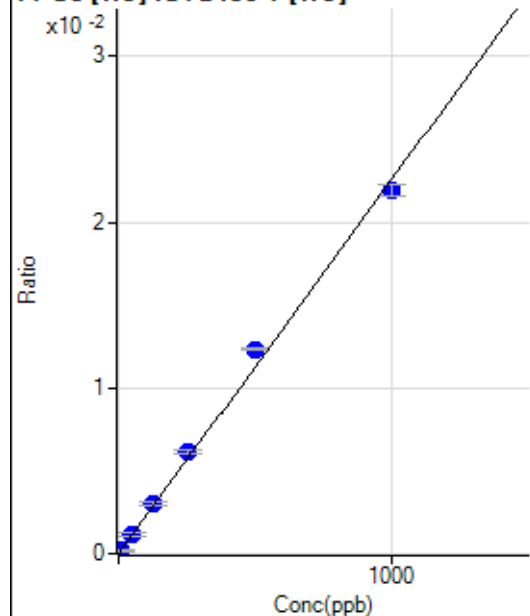
$$DL = 0.05944$$

$$BEC = 0.02995$$

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	0.00	0.0000	P	
2	☐	0.500	0.000	0.00	0.0000	P	
3	☐	5.000	8.352	36.67	0.0002	P	37.3
4	☐	50.000	53.130	235.56	0.0012	P	16.5
5	☐	125.000	132.687	587.80	0.0030	P	6.8
6	☐	250.000	273.148	1210.07	0.0062	P	3.8
7	☐	500.000	545.450	2365.79	0.0123	P	1.0
8	☐	1000.000	970.354	4182.89	0.0219	P	3.2
9	☐			3.33	0.0000	P	0.8

$$y = 2.2553E-005 * x + 0.0000E+000$$

$$R = 0.9982$$

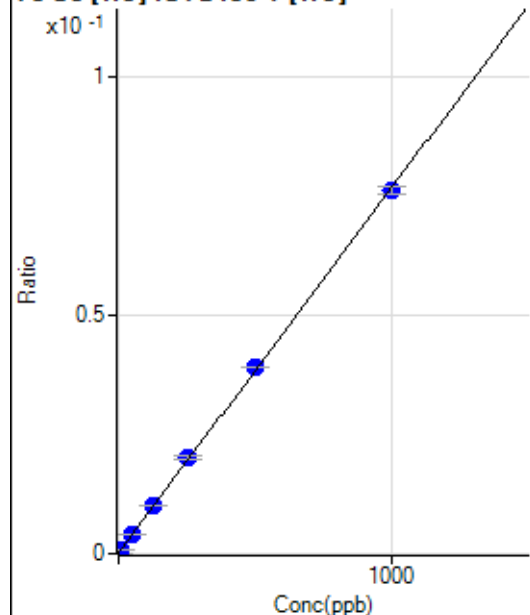
$$DL = 0$$

$$BEC = 0$$

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	29.01	0.0002	P	42.0
2	☐	0.500	-0.079	28.40	0.0001	P	22.8
3	☐	5.000	6.408	125.93	0.0006	P	9.5
4	☐	50.000	51.439	803.73	0.0041	P	3.9
5	☐	125.000	130.666	1992.13	0.0101	P	1.4
6	☐	250.000	261.529	3957.98	0.0201	P	2.2
7	☐	500.000	508.519	7506.94	0.0390	P	0.7
8	☐	1000.000	992.071	14525.27	0.0760	P	2.2
9	☐			33.33	0.0002	P	27.7

$$y = 7.6444\text{E-}005 * x + 1.5513\text{E-}004$$

$$R = 0.9999$$

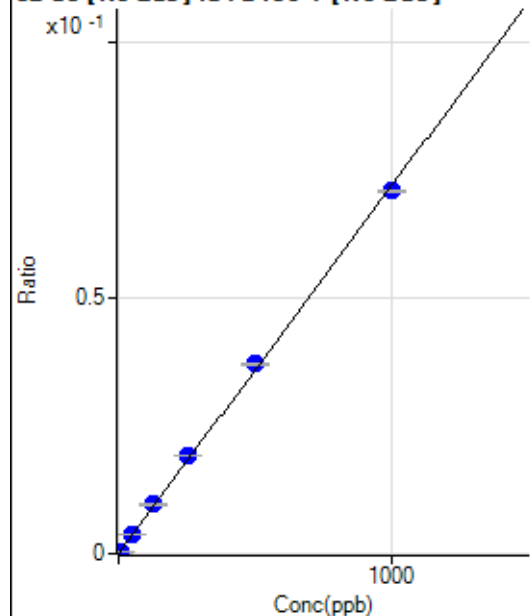
$$DL = 2.558$$

$$BEC = 2.029$$

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	34.77	0.0000	P	9.7
2	☒	0.500					
3	☐	5.000	5.172	548.75	0.0004	P	6.6
4	☐	50.000	53.393	5371.94	0.0039	P	2.0
5	☐	125.000	133.494	13364.91	0.0096	P	1.0
6	☐	250.000	264.720	26638.87	0.0191	P	0.4
7	☐	500.000	516.837	51939.71	0.0372	P	0.8
8	☐	1000.000	986.669	98011.87	0.0710	P	0.4
9	☐			105.39	0.0001	P	9.3

$$y = 7.1980\text{E-}005 * x + 2.6162\text{E-}005$$

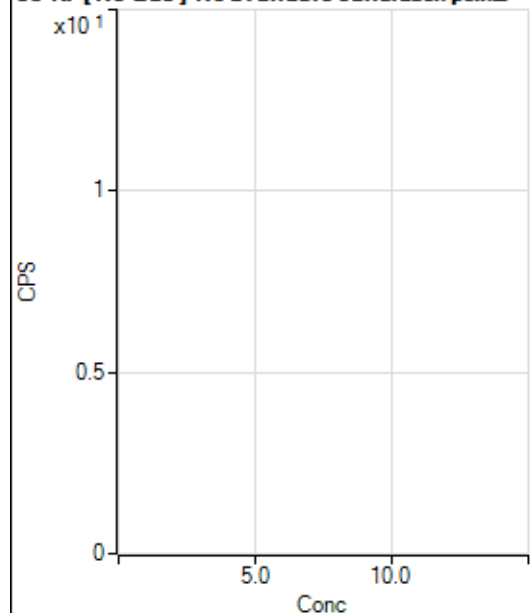
$$R = 0.9997$$

$$DL = 0.1058$$

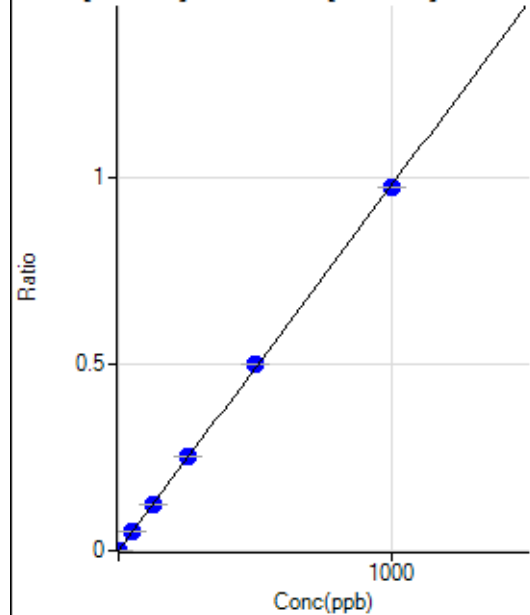
$$BEC = 0.3635$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			216.67		P	8.1
2	☐			264.45		P	2.9
3	☐			286.67		P	11.2
4	☐			241.12		P	10.4
5	☐			241.12		P	2.1
6	☐			247.78		P	11.4
7	☐			260.01		P	11.8
8	☐			255.56		P	7.2
9	☐			230.01		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.03	0.0003	P	17.4
2	☐	0.100	-0.046	372.24	0.0003	P	6.0
3	☐	1.000	0.982	1761.29	0.0013	P	7.7
4	☐	50.000	50.942	69561.33	0.0501	P	0.7
5	☐	125.000	127.542	173330.72	0.1250	P	0.4
6	☐	250.000	256.215	350000.44	0.2507	P	0.9
7	☐	500.000	509.996	695756.66	0.4987	P	0.4
8	☐	1000.000	993.083	1339275.83	0.9708	P	0.1
9	☐			5734.73	0.0046	P	2.5

$$y = 9.7722E-004 * x + 3.1986E-004$$

$$R = 0.9999$$

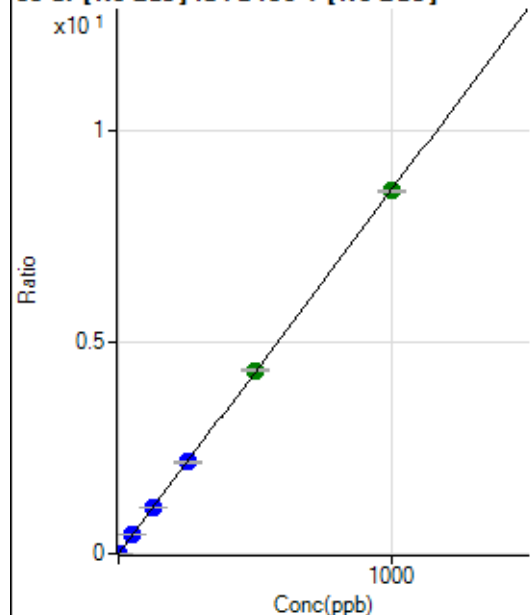
$$DL = 0.1706$$

$$BEC = 0.3273$$

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	52.78	0.0000	P	33.2
2	☐	0.100	-0.002	30.56	0.0000	P	82.8
3	☐	1.000	1.091	12975.83	0.0094	P	5.9
4	☐	50.000	51.524	615048.61	0.4430	P	0.3
5	☐	125.000	127.697	1522884.92	1.0978	P	0.6
6	☐	250.000	251.233	3015430.64	2.1599	P	0.7
7	☐	500.000	503.053	6033799.14	4.3248	A	1.0
8	☐	1000.000	997.752	11833995.49	8.5777	A	0.5
9	☐			49040.65	0.0392	P	2.7

$$y = 0.0086 * x + 3.9736E-005$$

$$R = 1.0000$$

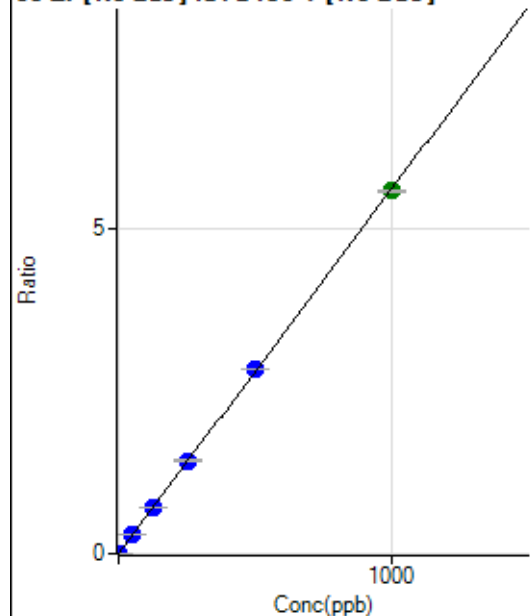
$$DL = 0.0046$$

$$BEC = 0.004622$$

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	77.78	0.0001	P	16.8
2	☐	0.100	0.005	116.67	0.0001	P	1.3
3	☐	1.000	0.926	7243.80	0.0053	P	5.5
4	☐	50.000	50.717	395613.20	0.2850	P	1.6
5	☐	125.000	126.612	986658.01	0.7113	P	0.7
6	☐	250.000	254.157	1993326.85	1.4278	P	1.8
7	☐	500.000	506.755	3971558.25	2.8467	P	0.5
8	☐	1000.000	995.346	7713478.99	5.5913	A	0.5
9	☐			2061.35	0.0016	P	10.2

$$y = 0.0056 * x + 5.8540E-005$$

$$R = 1.0000$$

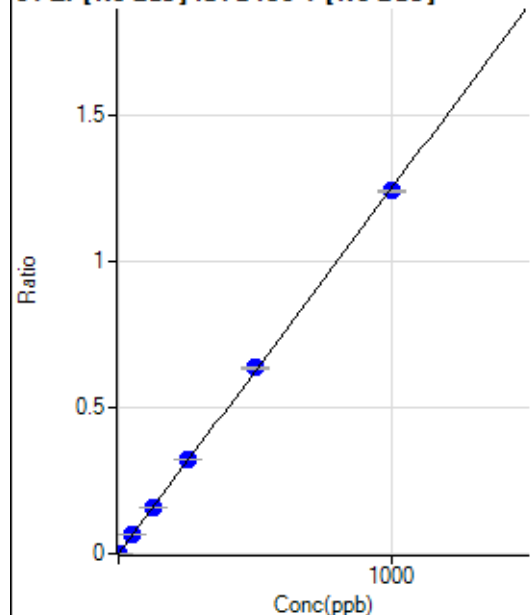
$$DL = 0.005249$$

$$BEC = 0.01042$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.7
2	☐	0.100	0.003	19.44	0.0000	P	64.7
3	☐	1.000	0.914	1583.48	0.0012	P	11.5
4	☐	50.000	50.961	88247.78	0.0636	P	1.9
5	☐	125.000	127.821	221115.83	0.1594	P	0.3
6	☐	250.000	256.718	446956.47	0.3201	P	0.9
7	☐	500.000	509.111	885741.18	0.6349	P	0.8
8	☐	1000.000	993.364	1708944.57	1.2388	P	0.4
9	☐			450.03	0.0004	P	15.0

$$y = 0.0012 * x + 1.0427E-005$$

$$R = 0.9999$$

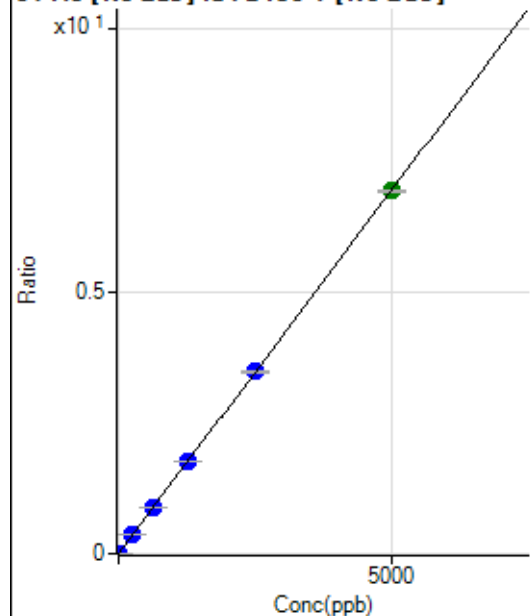
$$DL = 0.023$$

$$BEC = 0.008362$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	17.0
2	☐	0.500	-0.014	30.56	0.0000	P	41.5
3	☐	5.000	5.127	9845.48	0.0071	P	0.8
4	☐	250.000	254.271	489488.35	0.3526	P	0.7
5	☐	625.000	633.336	1217980.68	0.8781	P	0.9
6	☐	1250.000	1269.906	2457967.63	1.7606	P	0.6
7	☐	2500.000	2501.151	4837727.93	3.4675	P	0.5
8	☐	5000.000	4993.192	9549424.78	6.9224	A	0.9
9	☐			8564.06	0.0068	P	2.8

$$y = 0.0014 * x + 4.1782E-005$$

$$R = 1.0000$$

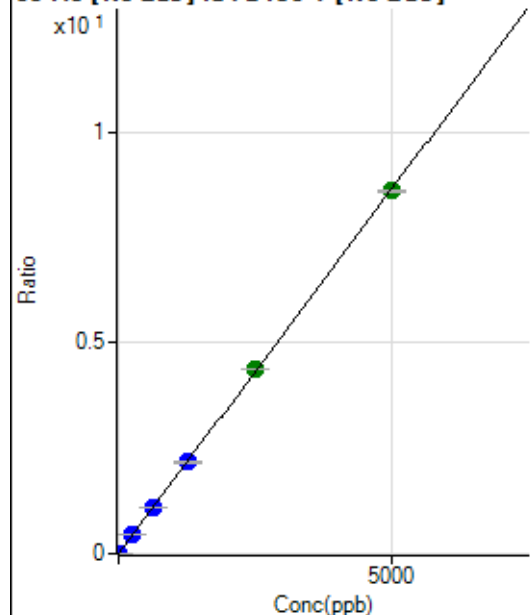
$$DL = 0.0154$$

$$BEC = 0.03014$$

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	25.00	0.0000	P	66.6
2	☐	0.500	-0.002	19.44	0.0000	P	100.
3	☐	5.000	5.381	12822.81	0.0093	P	1.4
4	☐	250.000	254.588	610379.20	0.4396	P	0.6
5	☐	625.000	630.997	1511441.89	1.0896	P	0.5
6	☐	1250.000	1256.375	3028820.12	2.1695	P	0.5
7	☐	2500.000	2535.803	6108963.55	4.3787	A	0.6
8	☐	5000.000	4979.526	11862441.76	8.5985	A	0.6
9	☐			14488.52	0.0116	P	3.9

$$y = 0.0017 * x + 1.8782E-005$$

$$R = 1.0000$$

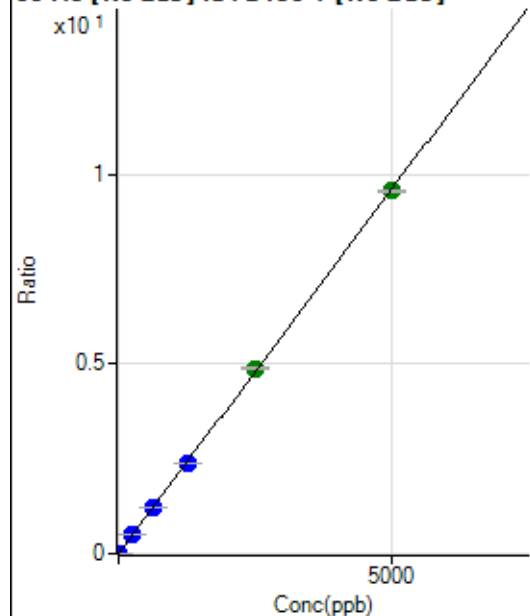
$$DL = 0.02172$$

$$BEC = 0.01088$$

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	52.78	0.0000	P	77.8
2	☐	0.500	-0.005	41.67	0.0000	P	52.5
3	☐	5.000	5.257	13971.27	0.0101	P	2.4
4	☐	250.000	253.941	677803.47	0.4882	P	0.1
5	☐	625.000	625.406	1667644.76	1.2022	P	0.5
6	☐	1250.000	1244.031	3338652.16	2.3914	P	0.8
7	☐	2500.000	2540.613	6813626.71	4.8838	A	0.9
8	☐	5000.000	4980.938	13208675.47	9.5747	A	0.5
9	☐			17956.42	0.0143	P	1.7

$$y = 0.0019 * x + 3.9672E-005$$

$$R = 1.0000$$

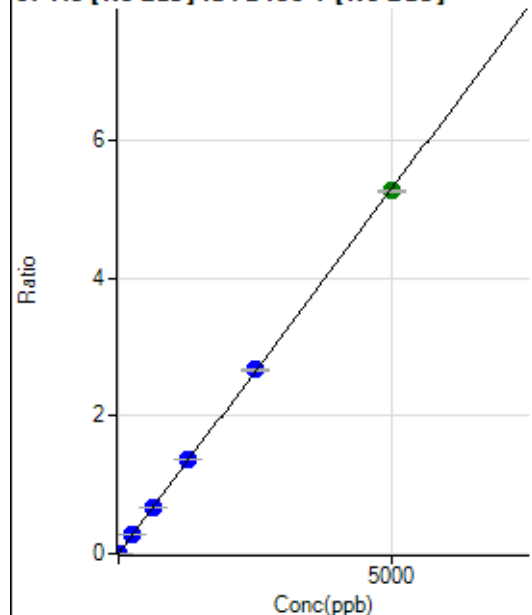
$$DL = 0.04815$$

$$BEC = 0.02064$$

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	16.67	0.0000	P	100.
2	☐	0.500	0.000	16.67	0.0000	P	49.4
3	☐	5.000	5.259	7685.72	0.0056	P	1.9
4	☐	250.000	258.677	380304.95	0.2739	P	0.2
5	☐	625.000	639.096	938676.12	0.6767	P	0.5
6	☐	1250.000	1282.309	1895591.14	1.3578	P	0.3
7	☐	2500.000	2527.153	3733124.61	2.6758	P	1.0
8	☐	5000.000	4976.150	7268648.25	5.2689	A	0.7
9	☐			8847.58	0.0071	P	7.3

$$y = 0.0011 * x + 1.2564E-005$$

$$R = 1.0000$$

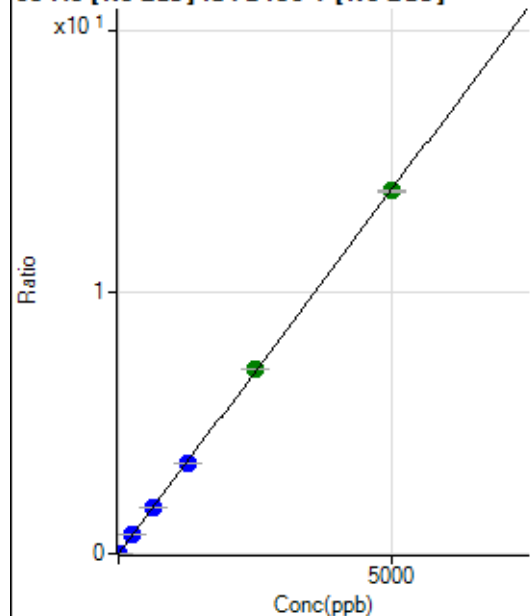
$$DL = 0.03569$$

$$BEC = 0.01187$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.3
2	☐	0.500	-0.010	13.89	0.0000	P	92.2
3	☐	5.000	5.275	20240.11	0.0147	P	1.9
4	☐	250.000	255.323	985190.91	0.7096	P	0.7
5	☐	625.000	630.838	2431924.14	1.7532	P	0.5
6	☐	1250.000	1253.182	4862271.81	3.4827	P	0.2
7	☐	2500.000	2529.555	9807736.33	7.0299	A	0.2
8	☐	5000.000	4983.431	19106565.70	13.8494	A	0.5
9	☐			21472.48	0.0171	P	1.4

$$y = 0.0028 * x + 3.7654E-005$$

$$R = 1.0000$$

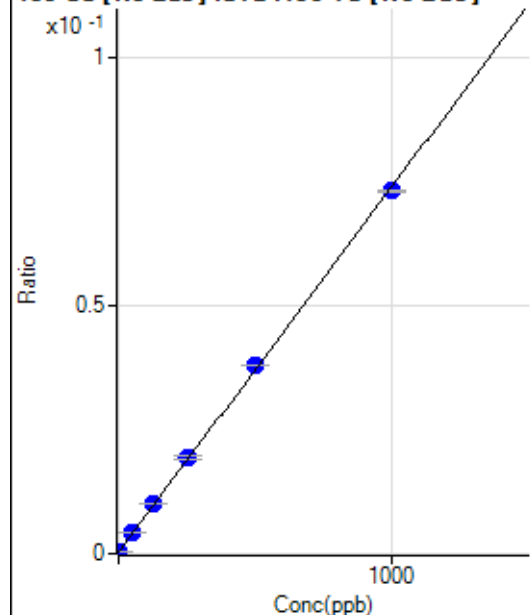
$$DL = 0.01803$$

$$BEC = 0.01355$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	516.70	0.0003	P	18.0
2	☐	0.100	-0.108	513.92	0.0003	P	6.1
3	☐	1.000	1.337	716.72	0.0004	P	4.9
4	☐	50.000	52.916	7663.48	0.0042	P	1.5
5	☐	125.000	133.484	18615.76	0.0101	P	1.2
6	☐	250.000	259.875	36016.17	0.0194	P	2.6
7	☐	500.000	512.707	71065.62	0.0381	P	0.2
8	☐	1000.000	989.971	136046.37	0.0732	P	0.6
9	☐			580.60	0.0004	P	20.9

$$y = 7.3675\text{E-}005 * x + 2.9878\text{E-}004$$

$$R = 0.9998$$

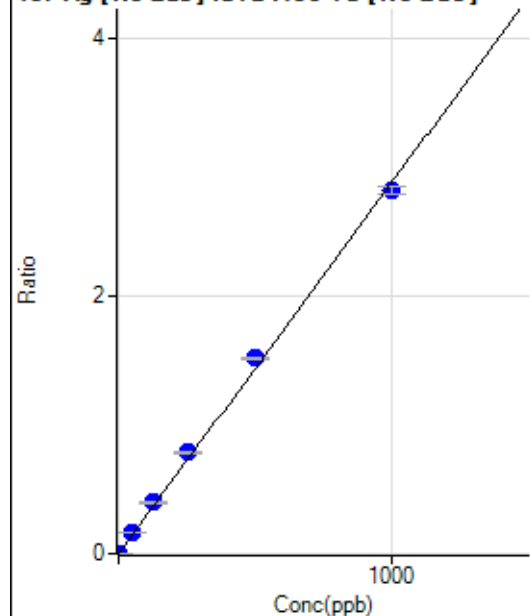
$$DL = 2.191$$

$$BEC = 4.055$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	43.7
2	☒	0.100					
3	☐	1.000	1.136	5926.47	0.0033	P	0.8
4	☐	50.000	56.604	297179.97	0.1628	P	0.8
5	☐	125.000	137.625	727069.43	0.3958	P	1.2
6	☐	250.000	272.956	1453883.64	0.7849	P	1.7
7	☐	500.000	527.396	2830775.58	1.5166	P	1.4
8	☐	1000.000	978.655	5227555.76	2.8142	P	1.9
9	☐			808.39	0.0005	P	6.9

$$y = 0.0029 * x + 1.9292\text{E-}005$$

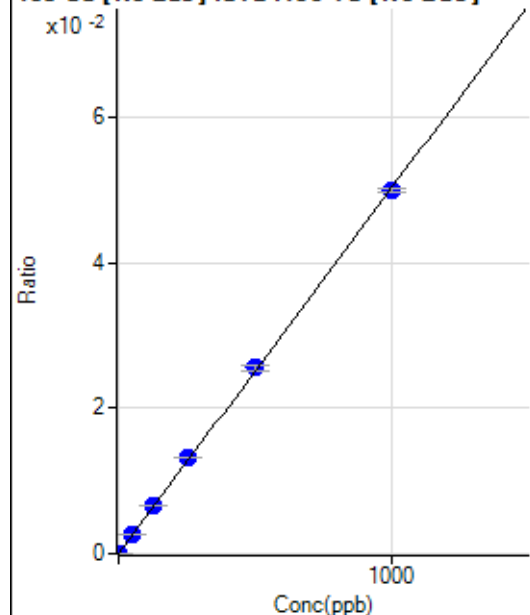
$$R = 0.9991$$

$$DL = 0.008805$$

$$BEC = 0.006709$$

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	1.39	0.0000	P	173.
2	☐	0.100	0.000	1.39	0.0000	P	173.
3	☐	1.000	1.057	97.23	0.0001	P	12.1
4	☐	50.000	53.405	4898.16	0.0027	P	0.6
5	☐	125.000	130.102	12005.33	0.0065	P	0.3
6	☐	250.000	260.785	24264.16	0.0131	P	0.2
7	☐	500.000	507.737	47598.09	0.0255	P	2.2
8	☐	1000.000	992.627	92608.88	0.0499	P	0.9
9	☐			18.05	0.0000	P	26.2

$$y = 5.0222\text{E-}005 * x + 7.9629\text{E-}007$$

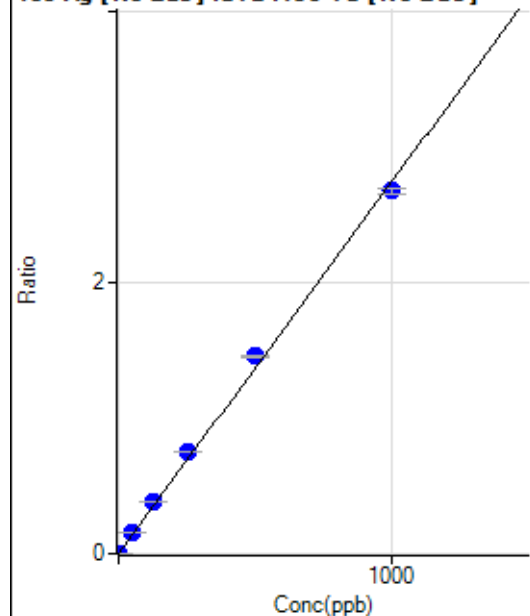
$$R = 0.9999$$

$$DL = 0.08239$$

$$BEC = 0.01586$$

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	41.67	0.0000	P	54.1
2	☐	0.100	-0.004	22.22	0.0000	P	42.0
3	☐	1.000	1.146	5715.28	0.0032	P	1.6
4	☐	50.000	56.715	284133.52	0.1556	P	0.6
5	☐	125.000	138.745	699425.77	0.3807	P	1.1
6	☐	250.000	273.322	1389306.42	0.7500	P	0.5
7	☐	500.000	530.838	2718718.55	1.4565	P	1.1
8	☐	1000.000	976.697	4978143.51	2.6799	P	1.4
9	☐			747.27	0.0005	P	11.1

$$y = 0.0027 * x + 2.4151\text{E-}005$$

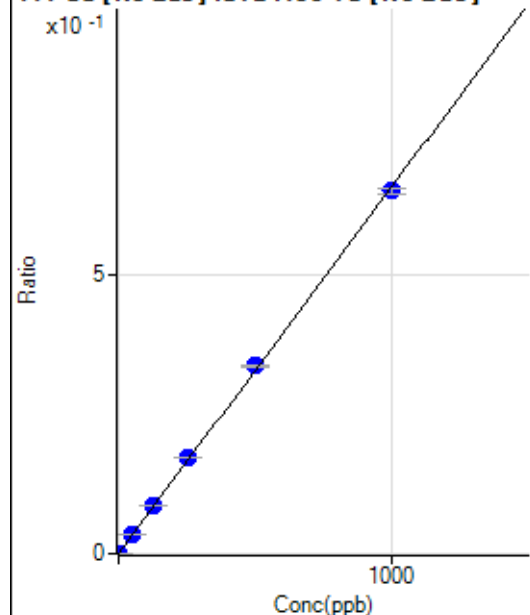
$$R = 0.9990$$

$$DL = 0.01428$$

$$BEC = 0.008802$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.88	0.0002	P	17.2
2	☒	0.100					
3	☐	1.000	1.180	1775.41	0.0010	P	7.9
4	☐	50.000	53.322	64163.92	0.0351	P	0.7
5	☐	125.000	132.321	159659.85	0.0869	P	1.7
6	☐	250.000	261.339	317569.99	0.1714	P	1.1
7	☐	500.000	512.305	626923.89	0.3359	P	1.2
8	☐	1000.000	989.931	1205227.80	0.6488	P	1.3
9	☐			722.96	0.0004	P	22.0

$$y = 6.5519\text{E-}004 * x + 2.1098\text{E-}004$$

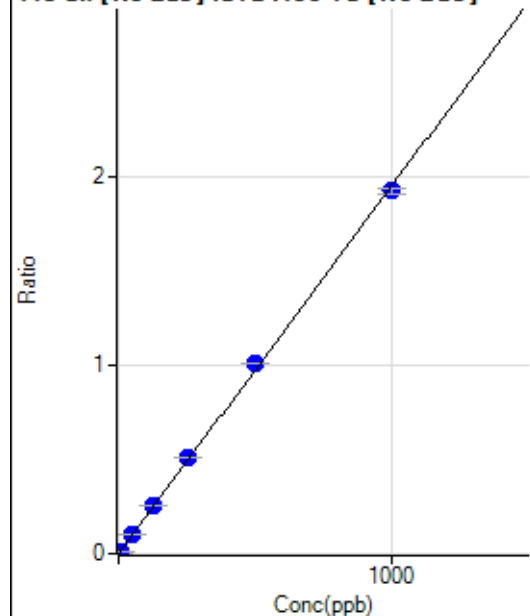
$$R = 0.9998$$

$$DL = 0.1664$$

$$BEC = 0.322$$

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	208.34	0.0001	P	25.5
2	☐	0.500	0.017	272.24	0.0002	P	11.3
3	☐	5.000	5.503	19572.68	0.0108	P	0.6
4	☐	50.000	53.886	192002.84	0.1052	P	0.3
5	☐	125.000	131.223	470188.07	0.2559	P	0.7
6	☐	250.000	260.550	941188.97	0.5081	P	0.3
7	☐	500.000	518.125	1885605.10	1.0102	P	0.8
8	☐	1000.000	987.325	3575710.80	1.9249	P	1.5
9	☐			2339.17	0.0014	P	2.6

$$y = 0.0019 * x + 1.2053\text{E-}004$$

$$R = 0.9997$$

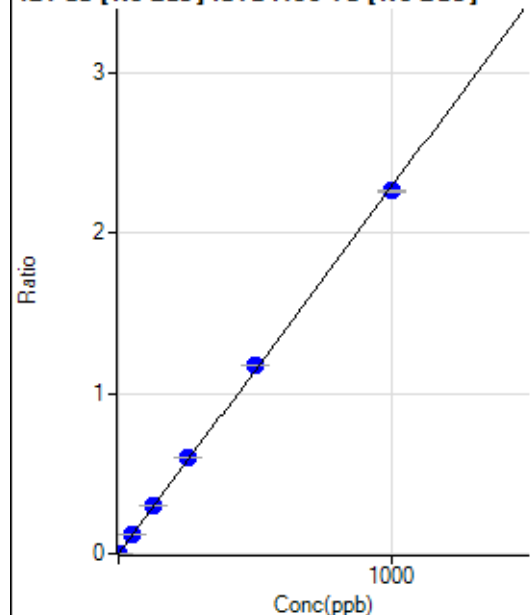
$$DL = 0.0473$$

$$BEC = 0.06183$$

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	22.22	0.0000	P	20.7
2	☒	0.200					
3	☐	2.000	2.152	8905.93	0.0049	P	4.7
4	☐	50.000	53.252	222491.02	0.1219	P	0.9
5	☐	125.000	131.568	553152.45	0.3011	P	0.3
6	☐	250.000	262.378	1112276.64	0.6004	P	0.8
7	☐	500.000	514.377	2197192.45	1.1771	P	0.5
8	☐	1000.000	988.733	4203357.52	2.2626	P	0.3
9	☐			4450.91	0.0027	P	4.3

$$y = 0.0023 * x + 1.2815E-005$$

$$R = 0.9998$$

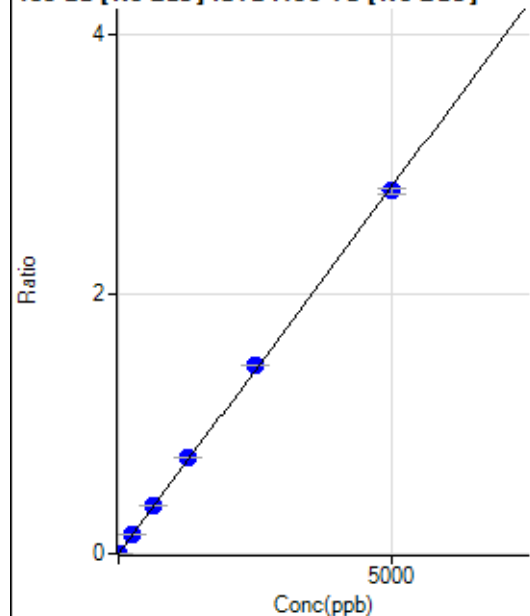
$$DL = 0.003483$$

$$BEC = 0.0056$$

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	25.00	0.0000	P	57.3
2	☐	1.000	-0.017	8.33	0.0000	P	100.
3	☐	10.000	10.819	11038.13	0.0061	P	1.7
4	☐	250.000	267.358	275437.72	0.1509	P	0.9
5	☐	625.000	654.132	678106.30	0.3691	P	0.3
6	☐	1250.000	1309.585	1368797.57	0.7390	P	1.4
7	☐	2500.000	2570.700	2707616.85	1.4505	P	0.8
8	☐	5000.000	4945.243	5183519.69	2.7904	P	1.7
9	☐			936.19	0.0006	P	10.0

$$y = 5.6425E-004 * x + 1.4377E-005$$

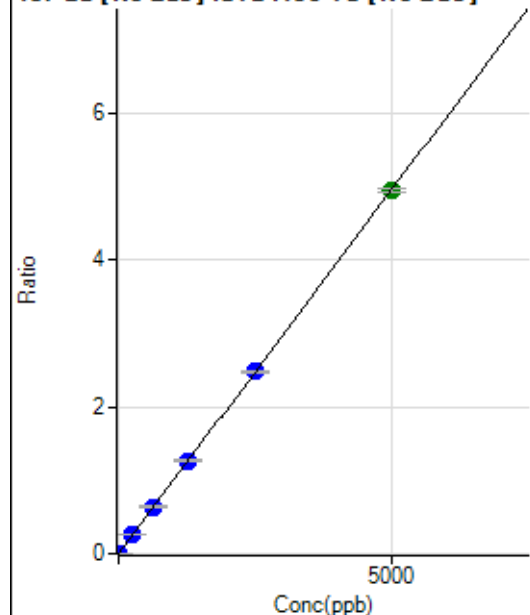
$$R = 0.9998$$

$$DL = 0.04377$$

$$BEC = 0.02548$$

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	47.22	0.0000	P	44.4
2	☒	1.000					
3	☐	10.000	10.758	19269.60	0.0107	P	1.6
4	☐	250.000	264.327	477963.84	0.2618	P	0.6
5	☐	625.000	646.888	1176974.08	0.6407	P	1.0
6	☐	1250.000	1280.230	2348648.36	1.2679	P	0.7
7	☐	2500.000	2505.154	4630931.48	2.4810	P	0.8
8	☐	5000.000	4986.412	9173462.27	4.9382	A	1.1
9	☐			1555.71	0.0010	P	17.1

$$y = 9.9033\text{E-}004 * x + 2.7298\text{E-}005$$

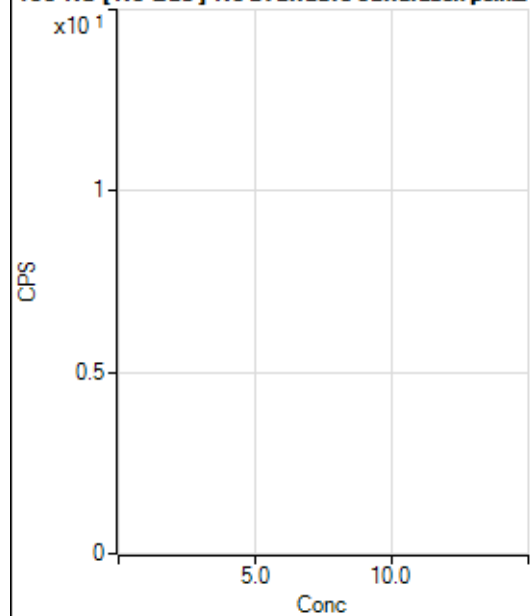
$$R = 1.0000$$

$$DL = 0.03673$$

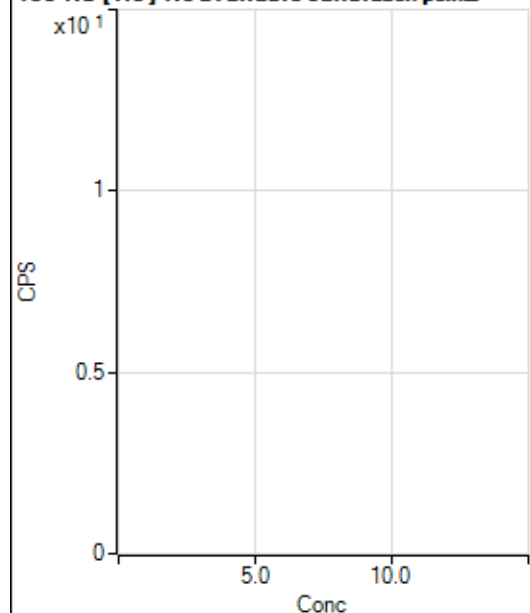
$$BEC = 0.02756$$

Weight: <None>

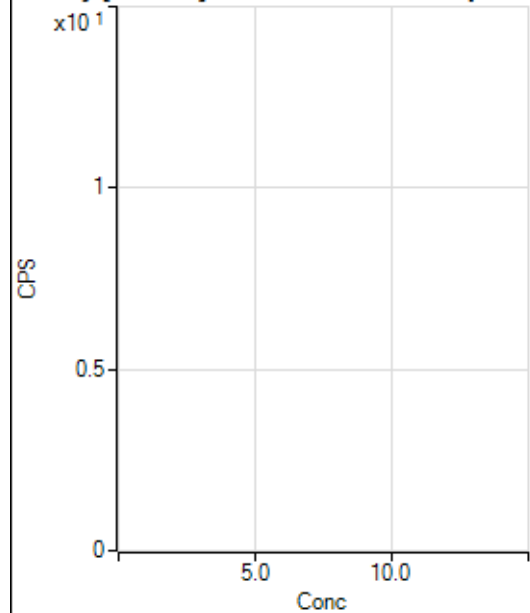
Min Conc: 0

150 Nd [No Gas] No available calibration points

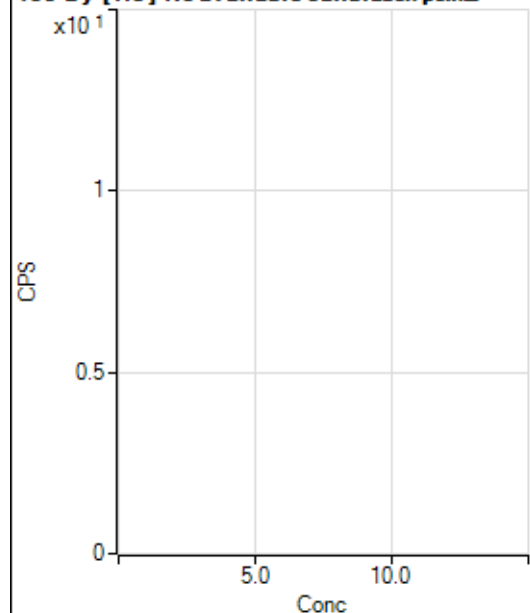
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			2.22		P	173.
3	☐			4.44		P	173.
4	☐			24.44		P	31.5
5	☐			53.34		P	37.5
6	☐			115.56		P	23.3
7	☐			186.68		P	16.4
8	☐			333.35		P	29.5
9	☐			44.44		P	85.3

150 Nd [He] No available calibration points

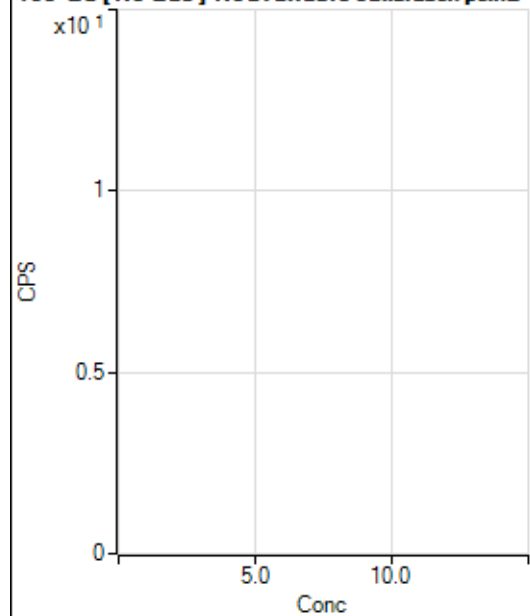
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			4.44		P	43.4
3	☐			4.44		P	43.4
4	☐			6.67		P	86.6
5	☐			12.22		P	41.7
6	☐			6.67		P	132.
7	☐			25.55		P	27.1
8	☐			35.56		P	42.3
9	☐			28.89		P	33.3

156 Dy [No Gas] No available calibration points

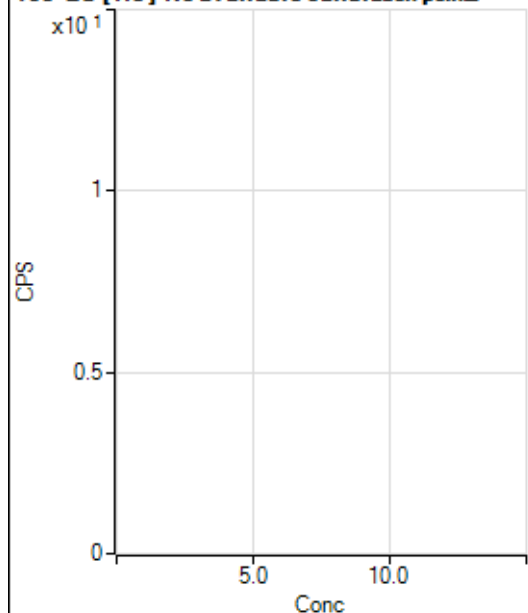
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			8.33		P	0.0
3	☐			2.78		P	173.
4	☐			19.44		P	65.5
5	☐			33.33		P	50.0
6	☐			30.56		P	95.8
7	☐			44.45		P	65.8
8	☐			69.45		P	25.0
9	☐			25.00		P	33.3

156 Dy [He] No available calibration points

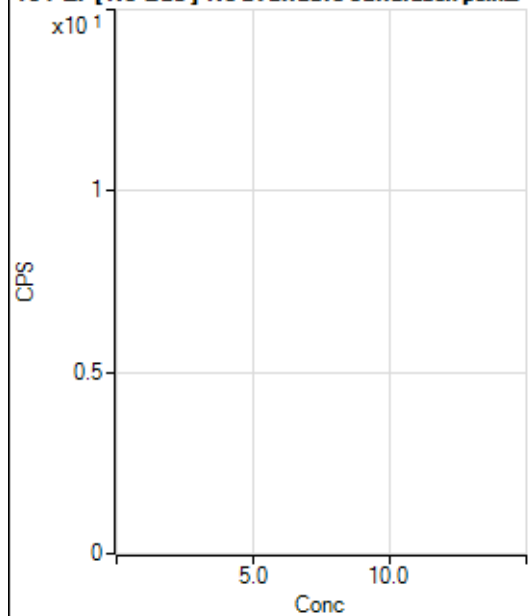
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	74.2
2	☐			14.44		P	13.4
3	☐			11.11		P	34.6
4	☐			21.11		P	18.2
5	☐			28.89		P	29.0
6	☐			48.89		P	35.0
7	☐			76.67		P	4.4
8	☐			135.56		P	13.5
9	☐			17.78		P	57.3

160 Gd [No Gas] Noavailable calibration poin_

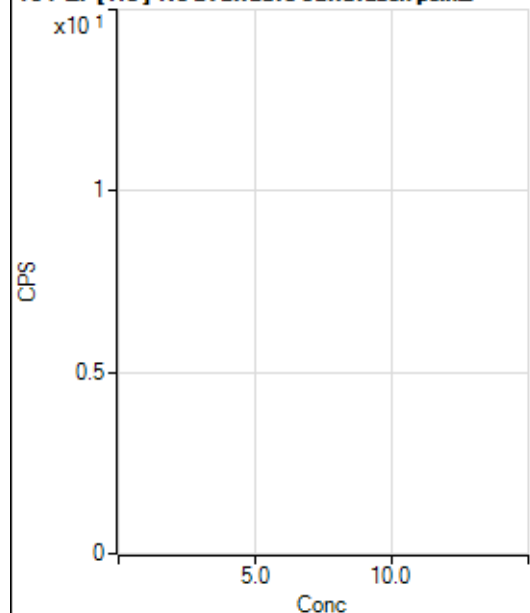
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			19.44		P	49.5
3	☐			38.89		P	61.9
4	☐			33.34		P	86.6
5	☐			27.78		P	62.5
6	☐			11.11		P	114.
7	☐			47.22		P	44.4
8	☐			38.89		P	49.5
9	☐			41.67		P	20.0

160 Gd [He] No available calibration points

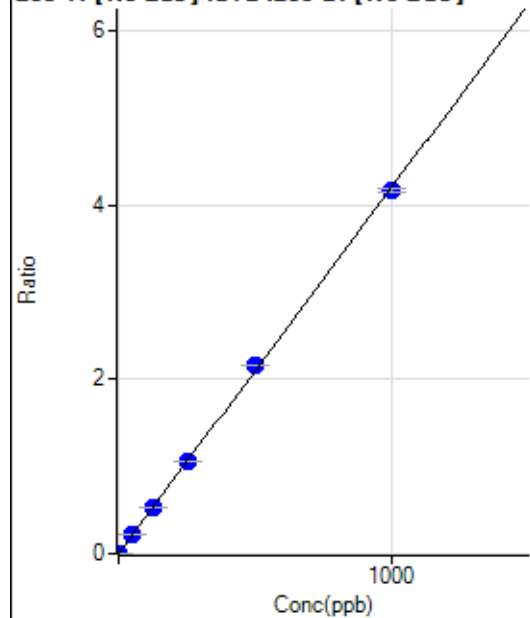
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	30.0
2	☐			64.44		P	21.5
3	☐			64.45		P	10.8
4	☐			57.78		P	28.5
5	☐			64.44		P	14.9
6	☐			66.67		P	21.8
7	☐			64.45		P	34.4
8	☐			73.34		P	18.2
9	☐			63.34		P	32.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			22.22		P	86.6
3	☐			36.11		P	48.0
4	☐			36.11		P	81.1
5	☐			25.00		P	33.3
6	☐			36.11		P	26.7
7	☐			36.11		P	13.3
8	☐			19.45		P	24.7
9	☐			25.00		P	33.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	14.4
2	☐			35.56		P	48.1
3	☐			28.89		P	17.6
4	☐			22.22		P	31.2
5	☐			28.89		P	24.0
6	☐			31.11		P	27.0
7	☐			35.55		P	10.8
8	☐			41.11		P	38.3
9	☐			35.55		P	10.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	444.48	0.0004	P	3.4
2	☐	0.100	0.012	508.36	0.0005	P	11.5
3	☐	1.000	1.069	5462.46	0.0049	P	2.1
4	☐	50.000	50.644	237160.65	0.2130	P	0.4
5	☐	125.000	127.121	597644.75	0.5340	P	0.6
6	☐	250.000	252.726	1194288.37	1.0612	P	0.4
7	☐	500.000	516.083	2388028.59	2.1665	P	0.2
8	☐	1000.000	990.980	4504880.44	4.1597	P	1.2
9	☐			1433.47	0.0016	P	5.2

$$y = 0.0042 * x + 4.1248E-004$$

$$R = 0.9998$$

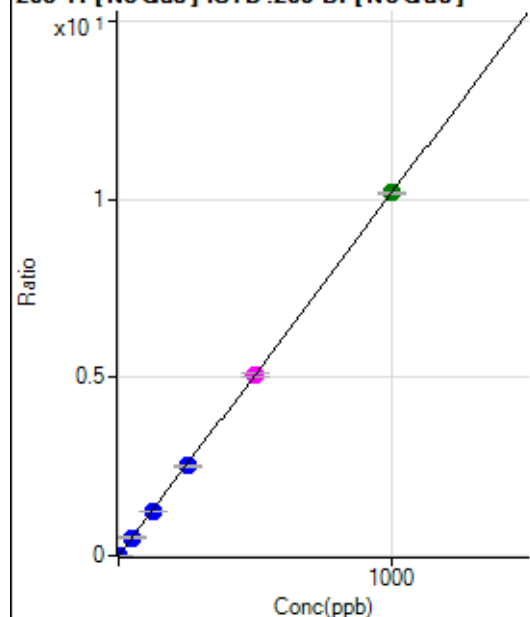
$$DL = 0.01005$$

$$BEC = 0.09828$$

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	841.73	0.0008	P	10.8
2	☒	0.100					
3	☐	1.000	1.038	12653.81	0.0113	P	1.4
4	☐	50.000	50.331	571558.82	0.5133	P	0.3
5	☐	125.000	123.954	1413459.80	1.2629	P	1.1
6	☐	250.000	246.815	2829330.77	2.5139	P	1.3
7	☐	500.000	499.701	5608531.16	5.0889	M	2.4
8	☐	1000.000	1001.060	11040040.00	10.1939	A	0.7
9	☐			3053.26	0.0034	P	3.2

$$y = 0.0102 * x + 7.8090E-004$$

$$R = 1.0000$$

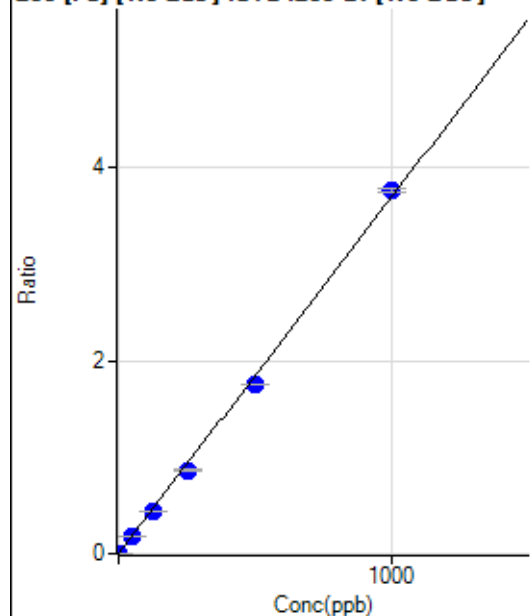
$$DL = 0.0248$$

$$BEC = 0.07669$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	601.89	0.0006	P	3.1
2	☐	0.100	-0.019	537.06	0.0005	P	3.7
3	☐	1.000	0.955	4554.63	0.0041	P	3.9
4	☐	50.000	47.288	195014.96	0.1751	P	1.1
5	☐	125.000	117.572	486402.61	0.4346	P	1.3
6	☐	250.000	233.868	972335.61	0.8639	P	0.8
7	☐	500.000	474.435	1931134.74	1.7521	P	1.0
8	☐	1000.000	1017.880	4070298.47	3.7583	P	1.2
9	☐			10380.30	0.0117	P	0.9

$$y = 0.0037 * x + 5.5854E-004$$

$$R = 0.9994$$

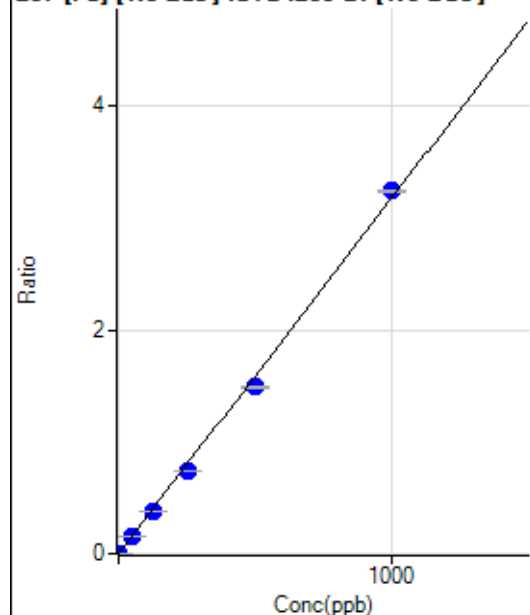
$$DL = 0.01404$$

$$BEC = 0.1513$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	648.19	0.0006	P	7.8
2	☐	0.100	-0.045	501.88	0.0005	P	1.9
3	☐	1.000	0.941	3998.86	0.0036	P	5.9
4	☐	50.000	47.326	167846.89	0.1507	P	1.7
5	☐	125.000	117.087	416411.66	0.3721	P	1.0
6	☐	250.000	232.971	832499.22	0.7397	P	0.5
7	☐	500.000	469.082	1640950.46	1.4887	P	0.9
8	☐	1000.000	1020.839	3507965.76	3.2392	P	0.8
9	☐			8984.80	0.0101	P	1.4

$$y = 0.0032 * x + 6.0159E-004$$

$$R = 0.9992$$

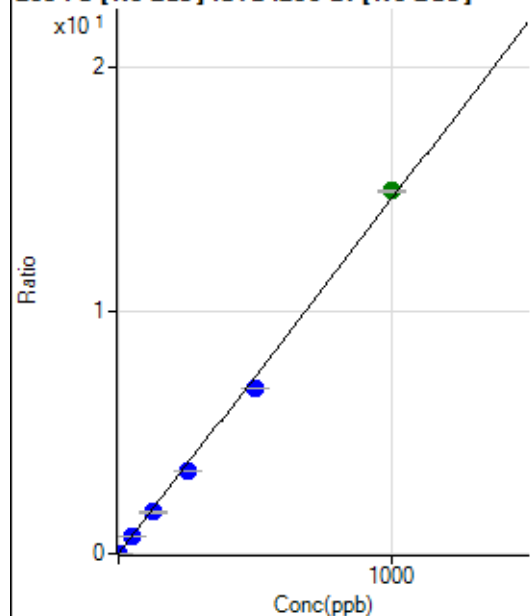
$$DL = 0.04453$$

$$BEC = 0.1896$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2051.97	0.0019	P	3.8
2	☒	0.100					
3	☐	1.000	0.955	17662.45	0.0158	P	3.3
4	☐	50.000	47.118	767367.11	0.6891	P	1.0
5	☐	125.000	116.538	1904555.57	1.7017	P	0.9
6	☐	250.000	231.969	3809994.67	3.3853	P	0.5
7	☐	500.000	465.001	7477638.03	6.7842	P	0.4
8	☐	1000.000	1023.209	16164702.39	14.9259	A	0.4
9	☐			40096.78	0.0451	P	0.4

$$y = 0.0146 * x + 0.0019$$

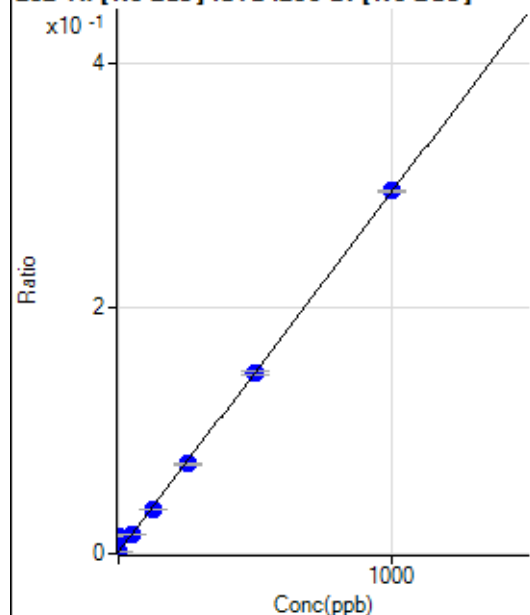
$$R = 0.9989$$

$$DL = 0.01482$$

$$BEC = 0.1306$$

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	1440.86	0.0013	P	10.6
2	☐	0.100	0.297	1561.25	0.0014	P	1.7
3	☐	1.000	42.515	15391.13	0.0138	P	3.3
4	☐	50.000	47.716	17069.23	0.0153	P	3.6
5	☐	125.000	118.841	40501.70	0.0362	P	0.4
6	☐	250.000	244.320	82138.62	0.0730	P	1.0
7	☐	500.000	496.751	162023.18	0.1470	P	2.0
8	☐	1000.000	1003.887	320268.16	0.2957	P	0.8
9	☐			1816.85	0.0020	P	6.8

$$y = 2.9324\text{E-}004 * x + 0.0013$$

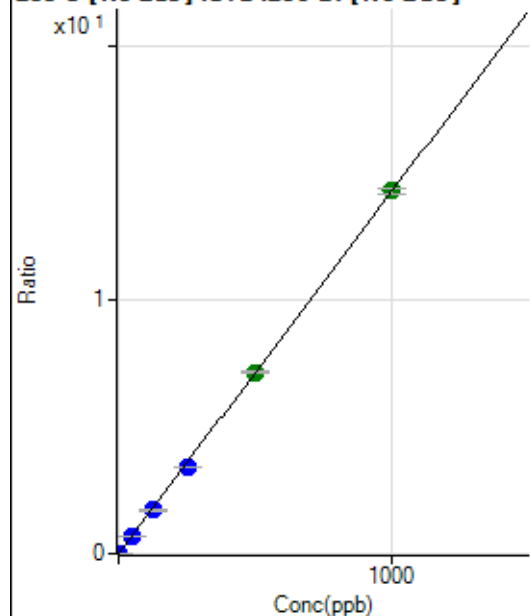
$$R = 0.9990$$

$$DL = 1.449$$

$$BEC = 4.559$$

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	1916.90	0.0018	P	12.3
2	☐	0.100	0.002	1978.02	0.0018	P	5.5
3	☐	1.000	1.003	17888.20	0.0160	P	0.8
4	☐	50.000	48.442	769209.95	0.6908	P	1.4
5	☐	125.000	119.664	1907052.94	1.7039	P	1.7
6	☐	250.000	238.410	3818600.37	3.3929	P	0.6
7	☐	500.000	501.072	7857321.97	7.1290	A	1.1
8	☐	1000.000	1003.106	15454295.23	14.2698	A	1.3
9	☐			3189.43	0.0036	P	11.6

$$y = 0.0142 * x + 0.0018$$

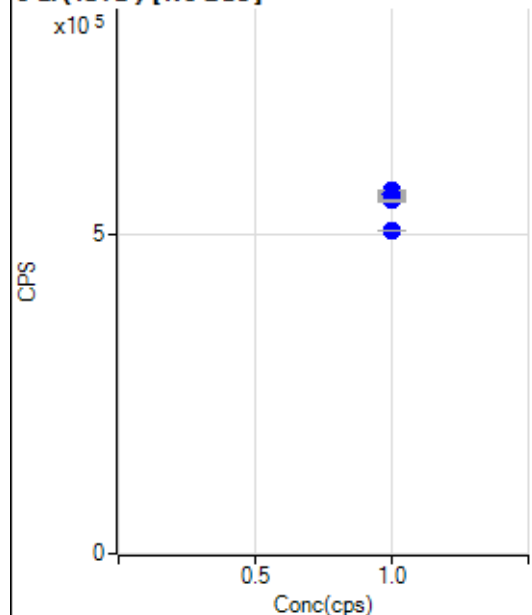
$$R = 0.9999$$

$$DL = 0.04628$$

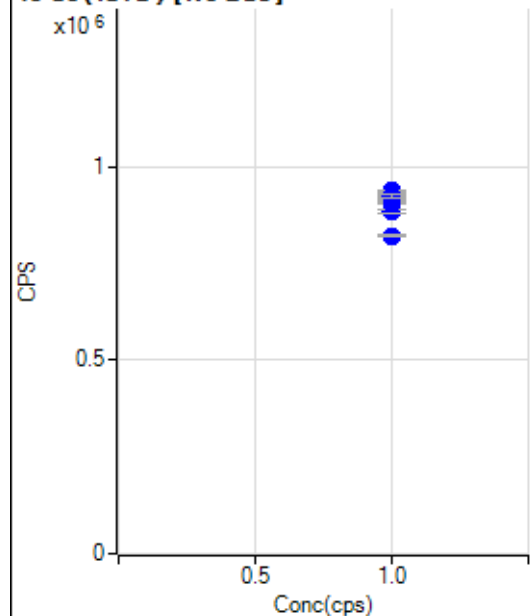
$$BEC = 0.125$$

Weight: <None>

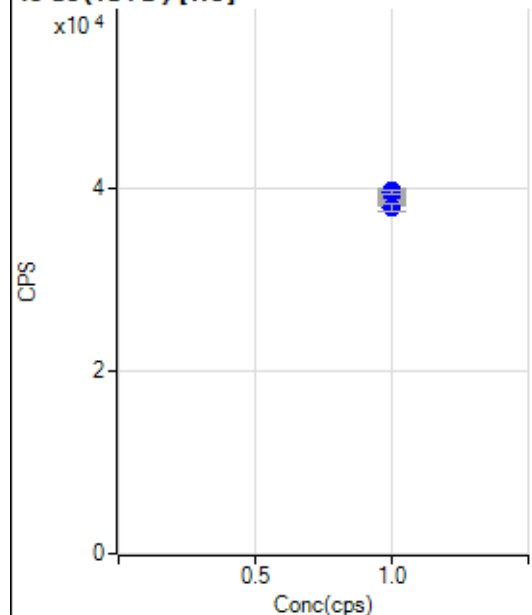
Min Conc: 0

6 Li (ISTD) [No Gas]

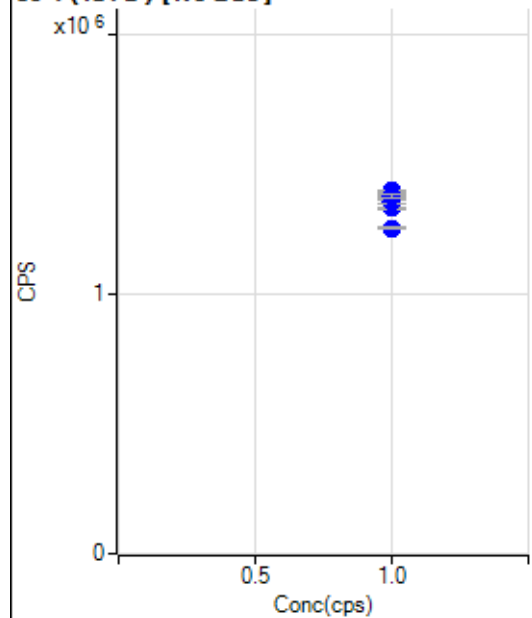
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		556037.44		P	1.1
2	☐	1.000		558147.21		P	0.3
3	☐	1.000		562718.75		P	0.0
4	☐	1.000		560949.86		P	0.7
5	☐	1.000		561940.97		P	0.9
6	☐	1.000		567867.16		P	0.2
7	☐	1.000		559893.82		P	0.3
8	☐	1.000		552749.83		P	0.6
9	☐	1.000		505637.04		P	0.4

45 Sc (ISTD) [No Gas]

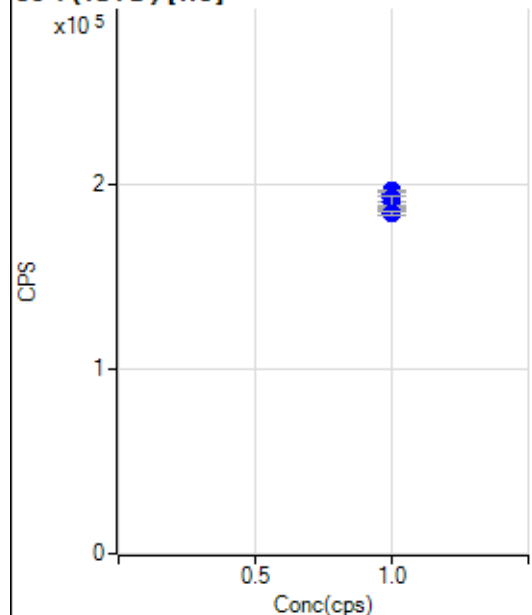
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		883050.59		P	1.2
2	☐	1.000		904622.04		P	0.4
3	☐	1.000		914415.57		P	0.1
4	☐	1.000		925560.94		P	0.4
5	☐	1.000		926558.54		P	1.6
6	☐	1.000		936609.84		P	0.7
7	☐	1.000		925305.60		P	1.0
8	☐	1.000		923032.53		P	0.9
9	☐	1.000		820687.22		P	0.4

45 Sc (ISTD) [He]

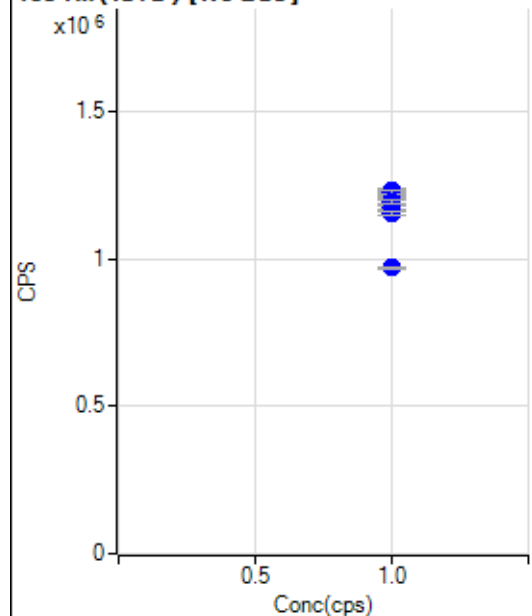
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37821.83		P	1.6
2	☐	1.000		38427.72		P	0.2
3	☐	1.000		39095.08		P	0.7
4	☐	1.000		39423.70		P	0.8
5	☐	1.000		39390.36		P	0.7
6	☐	1.000		39701.16		P	0.9
7	☐	1.000		38679.57		P	0.7
8	☐	1.000		39523.89		P	1.4
9	☐	1.000		37792.74		P	2.2

89 Y (ISTD) [No Gas]

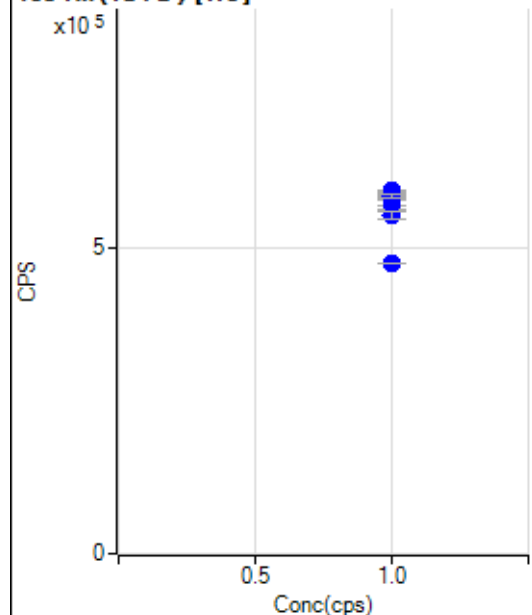
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1329264.80		P	0.4
2	☐	1.000		1354746.73		P	1.3
3	☐	1.000		1377117.60		P	0.2
4	☐	1.000		1388419.37		P	0.7
5	☐	1.000		1387137.72		P	0.4
6	☐	1.000		1396112.05		P	0.1
7	☐	1.000		1395162.20		P	0.5
8	☐	1.000		1379581.16		P	1.1
9	☐	1.000		1252612.19		P	0.6

89 Y (ISTD) [He]

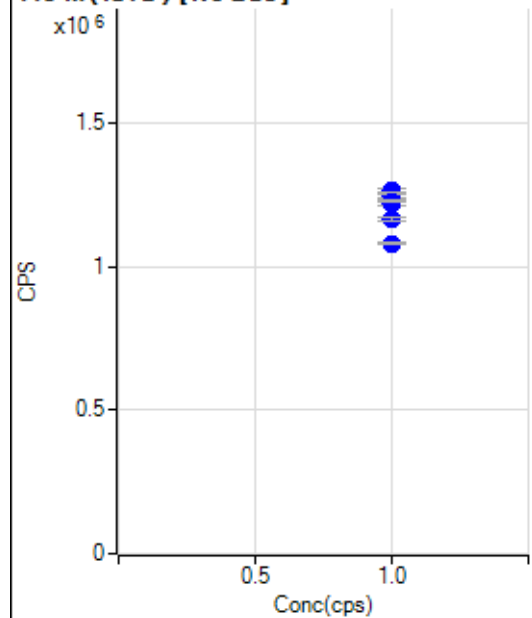
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		187241.86		P	0.7
2	☐	1.000		190428.51		P	0.1
3	☐	1.000		195137.80		P	1.0
4	☐	1.000		196624.43		P	0.3
5	☐	1.000		196377.71		P	0.8
6	☐	1.000		196440.82		P	1.0
7	☐	1.000		192331.59		P	1.5
8	☐	1.000		191209.98		P	2.5
9	☐	1.000		184655.66		P	0.8

103 Rh (ISTD) [No Gas]

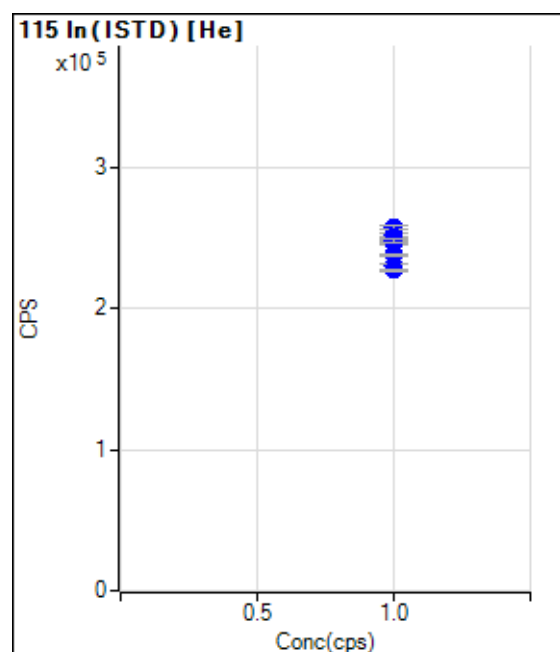
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1174802.15		P	1.1
2	☐	1.000		1210495.56		P	0.3
3	☐	1.000		1228580.53		P	1.3
4	☐	1.000		1229694.67		P	0.2
5	☐	1.000		1217568.42		P	1.1
6	☐	1.000		1223851.84		P	1.1
7	☐	1.000		1192711.35		P	1.1
8	☐	1.000		1153803.38		P	1.2
9	☐	1.000		969621.12		P	0.7

103 Rh (ISTD) [He]

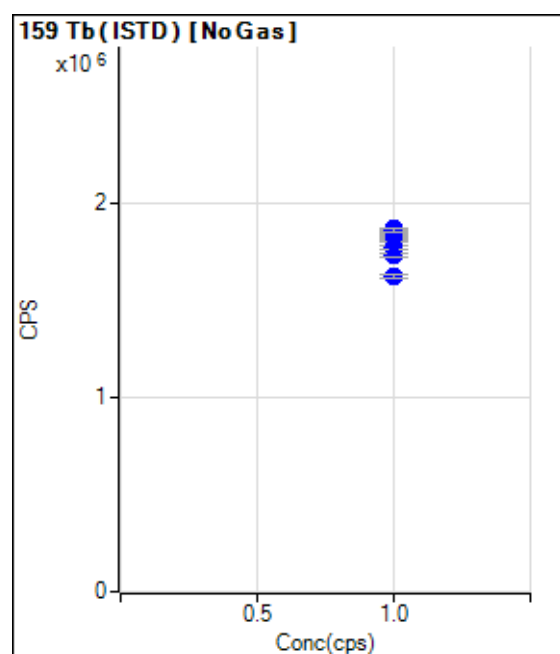
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		568678.28		P	0.5
2	☐	1.000		577742.89		P	0.2
3	☐	1.000		584408.62		P	0.6
4	☐	1.000		592731.53		P	0.9
5	☐	1.000		586308.40		P	1.0
6	☐	1.000		583556.18		P	1.1
7	☐	1.000		561960.06		P	0.2
8	☐	1.000		553236.62		P	1.9
9	☐	1.000		473745.70		P	0.2

115 In (ISTD) [No Gas]

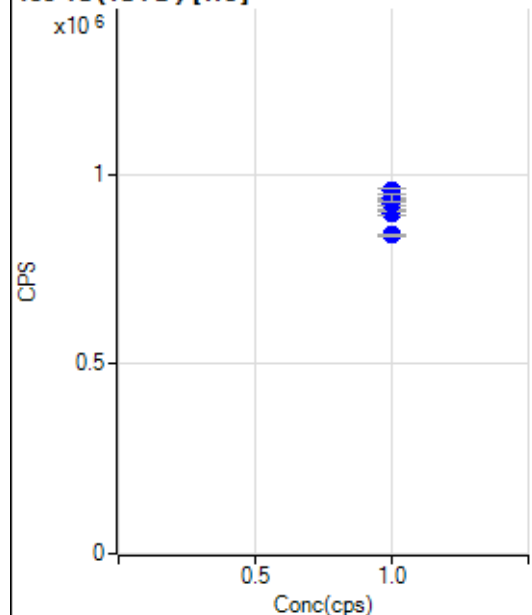
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1218380.03		P	1.0
2	☐	1.000		1243343.27		P	1.2
3	☐	1.000		1262631.95		P	1.1
4	☐	1.000		1257861.03		P	0.3
5	☐	1.000		1258066.55		P	0.3
6	☐	1.000		1254537.02		P	0.7
7	☐	1.000		1227396.54		P	0.2
8	☐	1.000		1164044.90		P	0.9
9	☐	1.000		1078909.13		P	0.4



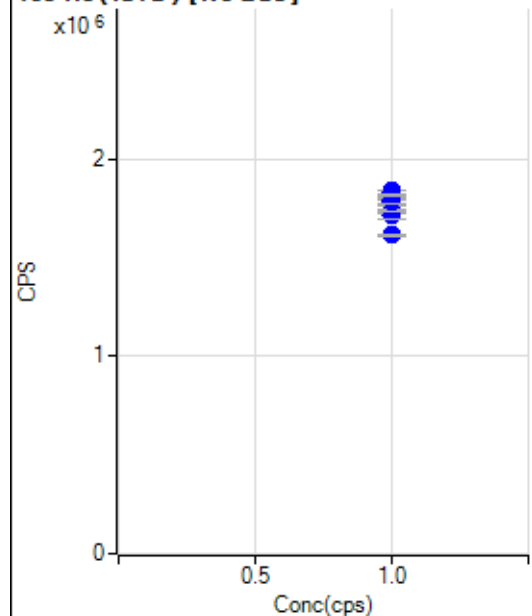
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		246298.86		P	1.0
2	☐	1.000		247499.40		P	1.2
3	☐	1.000		252598.66		P	1.0
4	☐	1.000		257044.00		P	1.2
5	☐	1.000		250223.26		P	0.7
6	☐	1.000		248231.42		P	1.0
7	☐	1.000		237763.94		P	1.0
8	☐	1.000		229882.14		P	1.8
9	☐	1.000		226936.78		P	1.0



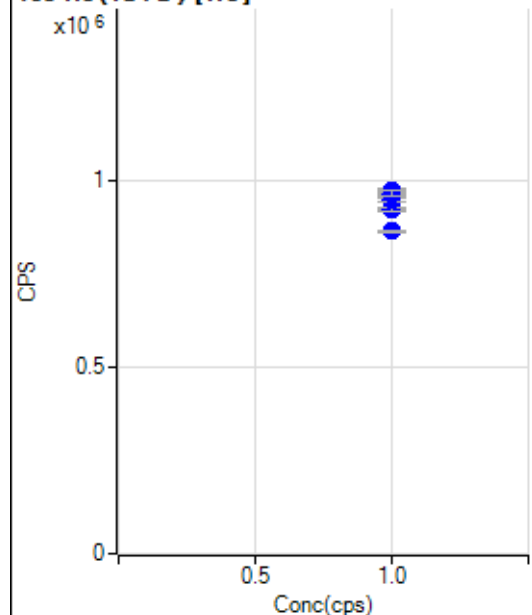
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1731632.14		P	1.1
2	☐	1.000		1766945.64		P	1.1
3	☐	1.000		1804087.28		P	0.7
4	☐	1.000		1825653.58		P	0.9
5	☐	1.000		1837131.72		P	0.2
6	☐	1.000		1852532.56		P	1.2
7	☐	1.000		1866601.59		P	0.3
8	☐	1.000		1857739.52		P	0.8
9	☐	1.000		1622058.01		P	1.2

159 Tb (ISTD) [He]

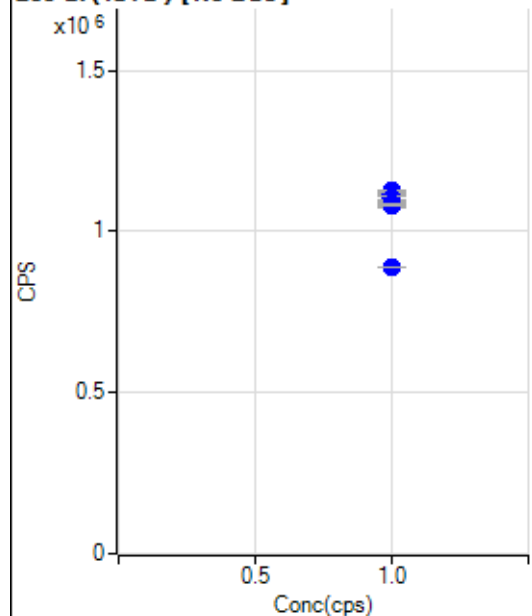
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		897223.35		P	0.8
2	☐	1.000		906558.97		P	0.6
3	☐	1.000		923549.53		P	0.8
4	☐	1.000		938941.18		P	1.6
5	☐	1.000		935829.91		P	0.7
6	☐	1.000		957235.81		P	1.6
7	☐	1.000		936323.63		P	0.7
8	☐	1.000		939313.14		P	1.8
9	☐	1.000		839763.91		P	0.5

165 Ho (ISTD) [No Gas]

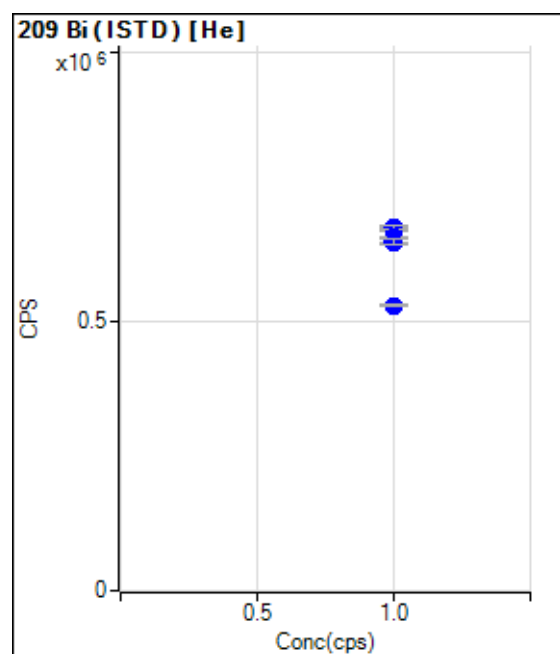
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1710240.36		P	1.8
2	☐	1.000		1740789.34		P	0.6
3	☐	1.000		1777733.13		P	1.2
4	☐	1.000		1787110.06		P	1.3
5	☐	1.000		1827376.06		P	1.3
6	☐	1.000		1822988.26		P	0.2
7	☐	1.000		1837217.16		P	0.2
8	☐	1.000		1819445.57		P	0.6
9	☐	1.000		1614903.07		P	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		919749.22		P	0.4
2	☐	1.000		920610.99		P	0.9
3	☐	1.000		946182.38		P	0.9
4	☐	1.000		962688.71		P	1.7
5	☐	1.000		961962.26		P	1.1
6	☐	1.000		971284.67		P	1.3
7	☐	1.000		967067.61		P	0.7
8	☐	1.000		964829.96		P	1.3
9	☐	1.000		864373.34		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1077701.14		P	0.5
2	☐	1.000		1096382.80		P	0.7
3	☐	1.000		1115018.55		P	0.5
4	☐	1.000		1113571.09		P	0.9
5	☐	1.000		1119308.15		P	1.3
6	☐	1.000		1125458.98		P	0.2
7	☐	1.000		1102250.71		P	1.0
8	☐	1.000		1083004.83		P	0.4
9	☐	1.000		888374.61		P	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		650987.55		P	0.8
2	☐	1.000		656323.86		P	0.6
3	☐	1.000		673183.42		P	0.6
4	☐	1.000		673918.91		P	1.3
5	☐	1.000		671044.33		P	0.7
6	☐	1.000		674557.11		P	1.1
7	☐	1.000		657152.79		P	0.6
8	☐	1.000		648156.19		P	2.0
9	☐	1.000		530826.55		P	0.7