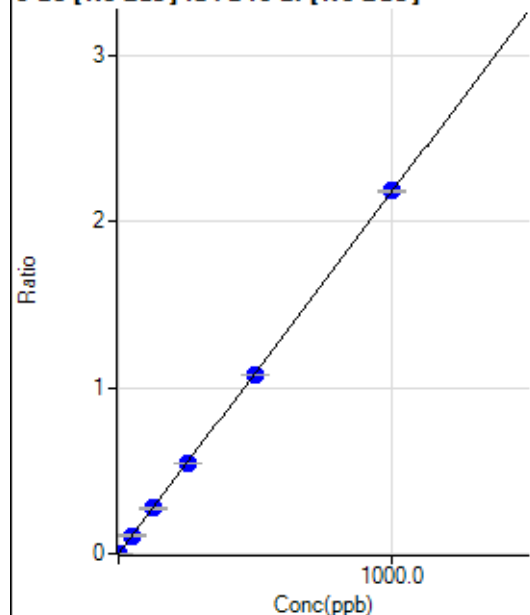


Batch Folder: D:\ICP-MS Data\P7013017-MS.b\
Analysis File: P7013017-MS.batch.bin
DA Date-Time: 2017-01-31 11:25:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-01-30 13:09:51
2	003CALS.d	S01	2017-01-30 13:14:29
3	004CALS.d	S02	2017-01-30 13:18:20
4	005CALS.d	S03	2017-01-30 13:22:12
5	006CALS.d	S04	2017-01-30 13:26:19
6	007CALS.d	S05	2017-01-30 13:30:05
7	008CALS.d	S06	2017-01-30 13:33:48
8	009CALS.d	S07	2017-01-30 13:37:27
9	010CALS.d	S08	2017-01-30 13:41:01

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.97	0.0002	P	10.0
2	☐	0.100	0.073	203.71	0.0004	P	18.4
3	☐	1.000	0.932	1251.94	0.0022	P	10.2
4	☐	50.000	50.202	61838.88	0.1093	P	1.1
5	☐	125.000	125.318	150804.17	0.2726	P	0.8
6	☐	250.000	248.828	303795.19	0.5410	P	0.7
7	☐	500.000	493.354	579547.02	1.0725	P	0.5
8	☐	1000.000	1003.566	1124380.43	2.1814	P	0.4
9	☐			144.45	0.0003	P	50.1

$$y = 0.0022 * x + 1.9723E-004$$

$$R = 1.0000$$

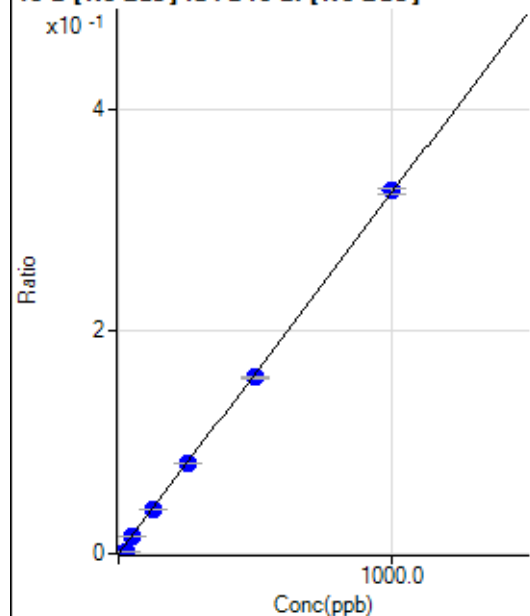
$$DL = 0.02728$$

$$BEC = 0.09074$$

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	63.89	0.0001	P	41.8
2	☐	2.500	0.402	138.90	0.0002	P	33.5
3	☐	25.000	4.538	891.73	0.0016	P	8.9
4	☐	50.000	48.996	9041.92	0.0160	P	0.8
5	☐	125.000	121.287	21799.68	0.0394	P	0.7
6	☐	250.000	249.978	45533.25	0.0811	P	0.9
7	☐	500.000	489.430	85731.39	0.1587	P	1.0
8	☐	1000.000	1006.322	168077.49	0.3261	P	1.4
9	☐			2350.28	0.0050	P	13.3

$$y = 3.2393E-004 * x + 1.1147E-004$$

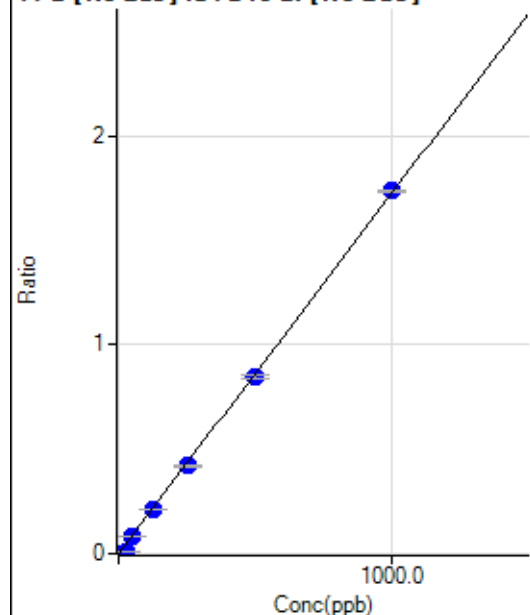
$$R = 0.9998$$

$$DL = 0.4313$$

$$BEC = 0.3441$$

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	386.13	0.0007	P	4.5
2	☐	2.500	0.431	813.95	0.0014	P	7.2
3	☐	25.000	4.558	4806.52	0.0085	P	3.4
4	☐	50.000	48.339	47500.65	0.0840	P	1.2
5	☐	125.000	122.181	116857.89	0.2112	P	1.5
6	☐	250.000	242.778	235282.24	0.4190	P	1.3
7	☐	500.000	490.028	456630.80	0.8450	P	1.9
8	☐	1000.000	1007.743	895369.52	1.7371	P	0.7
9	☐			12858.73	0.0274	P	8.3

$$y = 0.0017 * x + 6.7413E-004$$

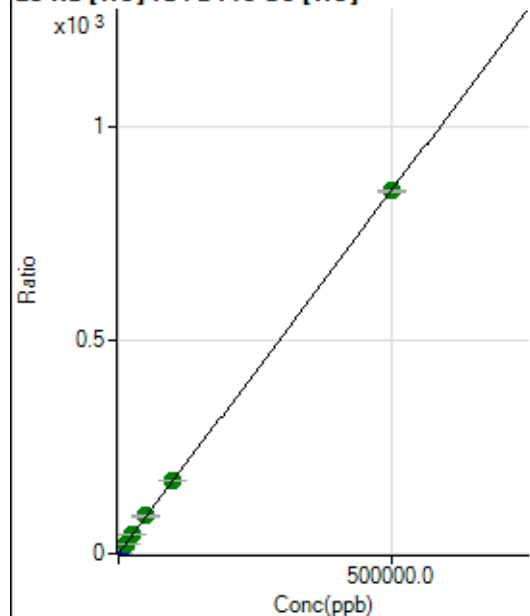
$$R = 0.9998$$

$$DL = 0.05278$$

$$BEC = 0.3912$$

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	14921.91	0.0545	P	1.7
2	☐	50.000	51.576	38146.50	0.1422	P	2.1
3	☐	500.000	510.427	249198.34	0.9219	P	0.6
4	☐	5000.000	5374.826	2474844.54	9.1886	P	0.3
5	☐	12500.000	13189.820	6058977.78	22.4697	A	0.4
6	☐	25000.000	26210.065	12020643.15	44.5967	A	0.4
7	☐	50000.000	51723.334	24005680.40	87.9547	A	0.8
8	☐	100000.00	100820.37	48453095.53	171.3916	A	0.6
9	☐	500000.00	499582.08	254276789.0	849.0589	A	0.3

$$y = 0.0017 * x + 0.0545$$

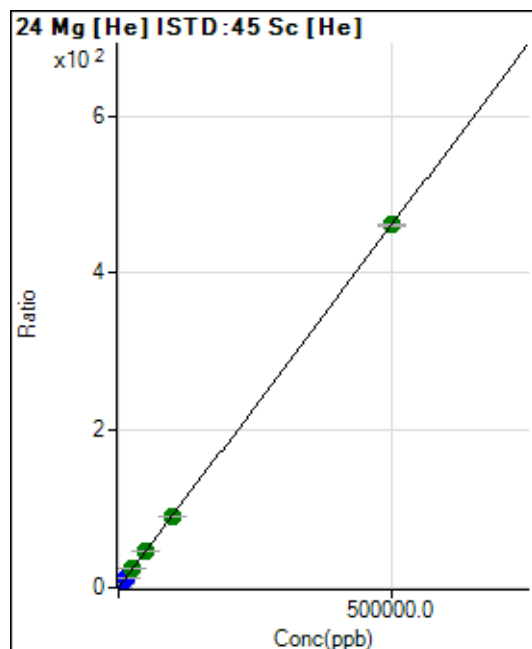
$$R = 1.0000$$

$$DL = 1.606$$

$$BEC = 32.08$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.36	0.0018	P	1.4
2	☐	50.000	52.429	13445.39	0.0501	P	1.3
3	☐	500.000	509.974	127559.27	0.4719	P	1.1
4	☐	5000.000	5236.189	1300662.64	4.8292	P	0.2
5	☐	12500.000	13166.333	3273589.14	12.1402	P	0.7
6	☐	25000.000	25807.168	6413214.90	23.7942	A	1.2
7	☐	50000.000	50442.821	12692790.04	46.5065	A	1.2
8	☐	100000.00	98351.181	25634010.81	90.6746	A	0.6
9	☐	500000.00	500226.09	138114550.3	461.1751	A	0.5

$$y = 9.2193\text{E-}004 * x + 0.0018$$

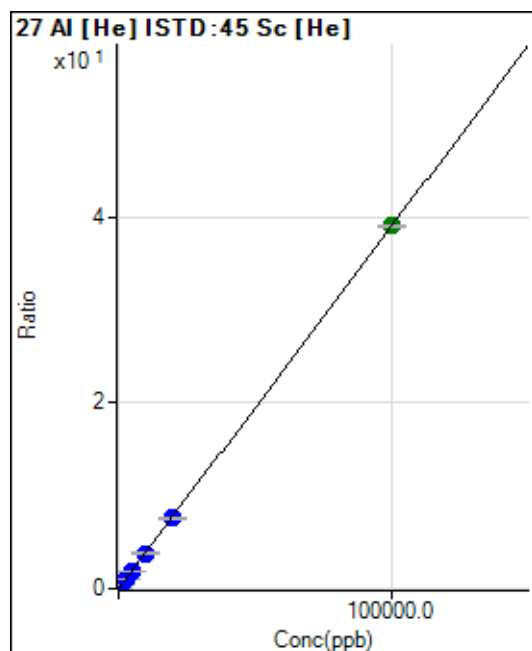
$$R = 1.0000$$

$$DL = 0.08132$$

$$BEC = 1.915$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0002	P	60.4
2	☐	2.000	1.576	219.46	0.0008	P	20.7
3	☐	20.000	20.581	2225.28	0.0082	P	1.3
4	☐	1000.000	994.776	104581.43	0.3883	P	1.0
5	☐	2500.000	2507.386	263834.12	0.9784	P	0.6
6	☐	5000.000	4966.912	522370.29	1.9380	P	1.1
7	☐	10000.000	9774.008	1040794.21	3.8135	P	1.2
8	☐	20000.000	19402.900	2140144.32	7.5701	P	0.3
9	☐	100000.00	100143.54	11700902.17	39.0704	A	0.5

$$y = 3.9014\text{E-}004 * x + 2.0280\text{E-}004$$

$$R = 1.0000$$

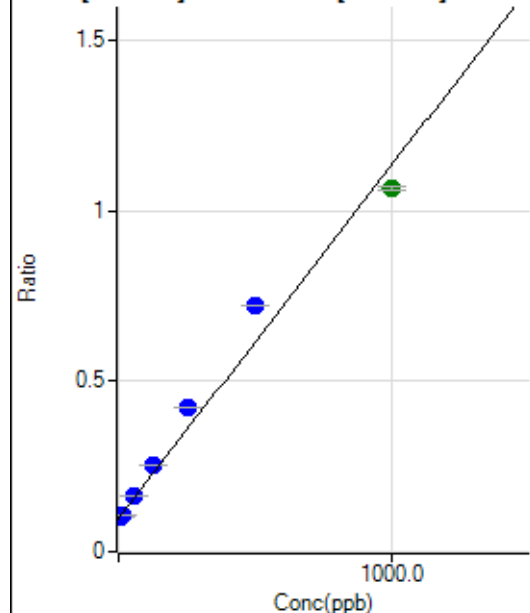
$$DL = 0.9415$$

$$BEC = 0.5198$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563703.66	0.1012	P	0.5
2	☐	1.000	0.154	559717.74	0.1013	P	1.0
3	☐	10.000	6.767	589711.91	0.1082	P	1.2
4	☐	50.000	59.191	896421.99	0.1624	P	0.8
5	☐	125.000	148.315	1395579.20	0.2545	P	1.1
6	☐	250.000	311.623	2333817.26	0.4234	P	0.7
7	☐	500.000	598.907	3908561.80	0.7204	P	0.2
8	☐	1000.000	931.800	5871054.65	1.0645	A	1.1
9	☐			641683.59	0.1138	P	0.2

$$y = 0.0010 * x + 0.1012$$

$$R = 0.9902$$

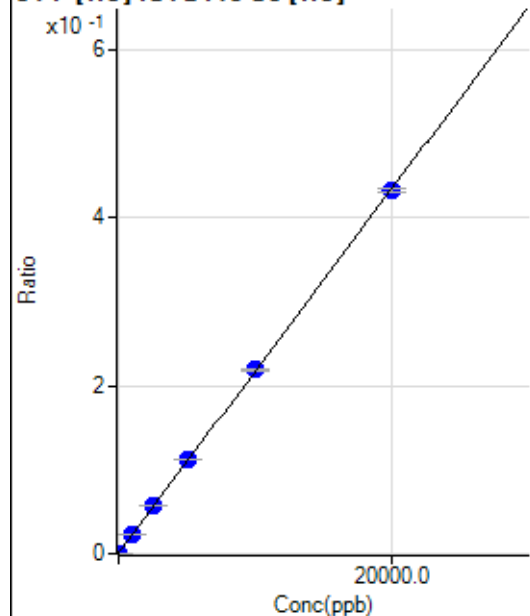
$$DL = 1.492$$

$$BEC = 97.87$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.374	141.67	0.0005	P	15.8
2	☐	0.000	-5.496	150.01	0.0006	P	24.7
3	☐	0.000	12.870	258.35	0.0010	P	7.1
4	☐	1000.000	1035.340	6220.98	0.0231	P	1.3
5	☐	2500.000	2631.685	15550.29	0.0577	P	0.8
6	☐	5000.000	5144.264	30212.16	0.1121	P	1.4
7	☐	10000.000	10080.479	59764.89	0.2190	P	0.9
8	☐	20000.000	19905.467	122060.32	0.4317	P	1.2
9	☐			216.68	0.0007	P	30.8

$$y = 2.1656E-005 * x + 6.7739E-004$$

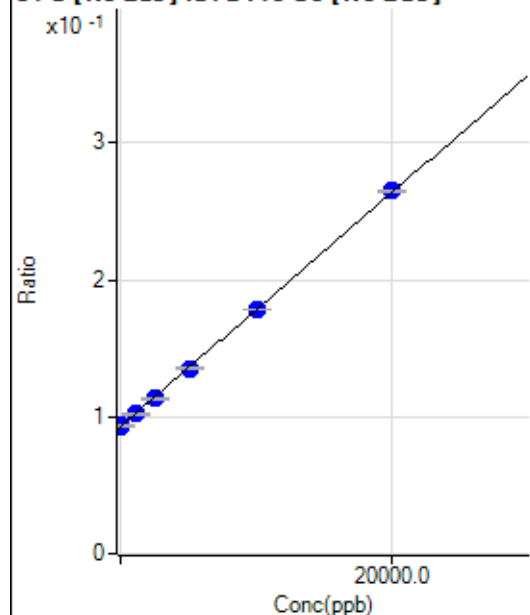
$$R = 0.9999$$

$$DL = 13.3$$

$$BEC = 31.28$$

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	-15.397	520304.04	0.0934	P	0.4
2	☐	0.000	-19.367	515619.97	0.0934	P	1.0
3	☐	0.000	34.764	511440.11	0.0938	P	1.1
4	☐	1000.000	998.635	563316.99	0.1020	P	1.5
5	☐	2500.000	2306.072	620730.62	0.1132	P	1.2
6	☐	5000.000	4892.807	745793.60	0.1353	P	0.4
7	☐	10000.000	9948.033	968168.37	0.1784	P	0.6
8	☐	20000.000	20077.091	1461037.00	0.2649	P	0.7
9	☐			484321.04	0.0859	P	0.3

$$y = 8.5366E-006 * x + 0.0935$$

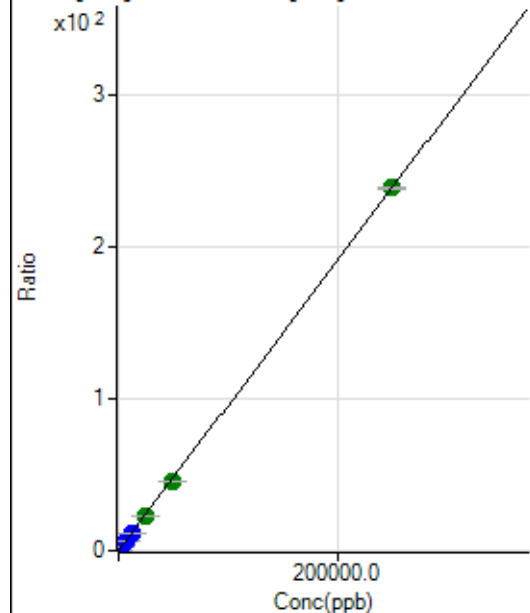
$$R = 0.9999$$

$$DL = 270.5$$

$$BEC = 1.096E+04$$

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	37579.21	0.1373	P	0.6
2	☐	50.000	48.644	49302.24	0.1837	P	0.6
3	☐	500.000	469.219	158165.50	0.5852	P	0.9
4	☐	2500.000	2477.892	674025.57	2.5025	P	0.3
5	☐	6250.000	6167.799	1624577.28	6.0247	P	0.2
6	☐	12500.000	12354.474	3215661.90	11.9302	P	0.5
7	☐	25000.000	24259.694	6357676.75	23.2943	A	0.9
8	☐	50000.000	48106.196	13020509.75	46.0570	A	0.5
9	☐	250000.00	250462.40	71640663.41	239.2159	A	0.4

$$y = 9.5455E-004 * x + 0.1373$$

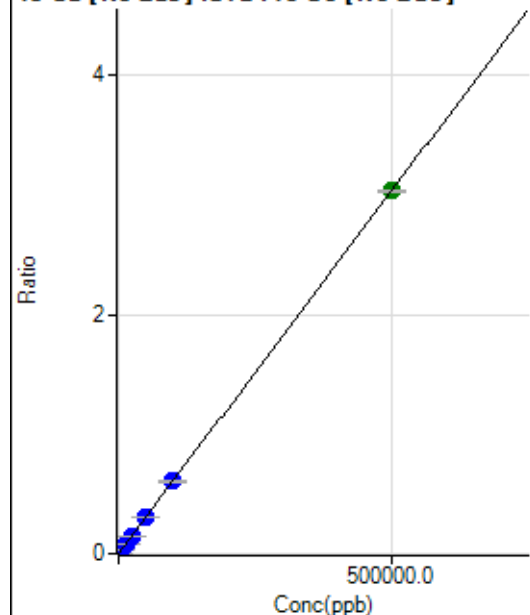
$$R = 1.0000$$

$$DL = 2.497$$

$$BEC = 143.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	644.49	0.0001	P	4.8
2	☐	50.000	46.128	2183.61	0.0004	P	5.1
3	☐	500.000	467.570	16078.77	0.0029	P	2.6
4	☐	5000.000	4950.645	166288.32	0.0301	P	0.5
5	☐	12500.000	12358.909	411367.14	0.0750	P	0.5
6	☐	25000.000	24847.226	830803.17	0.1507	P	0.3
7	☐	50000.000	49776.887	1637486.94	0.3018	P	0.5
8	☐	100000.00	99669.311	3332239.40	0.6042	P	0.7
9	☐	500000.00	500100.14	17089620.52	3.0311	A	0.6

$$y = 6.0608\text{E-}006 * x + 1.1566\text{E-}004$$

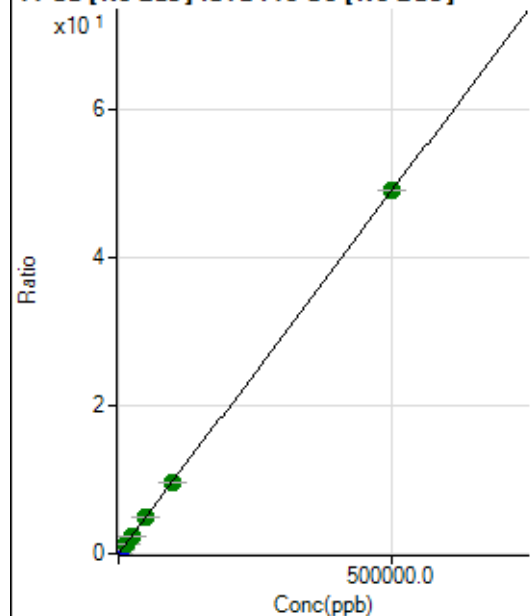
$$R = 1.0000$$

$$DL = 2.73$$

$$BEC = 19.08$$

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	25662.21	0.0046	P	0.8
2	☐	50.000	49.280	52112.11	0.0094	P	0.9
3	☐	500.000	469.396	275857.85	0.0506	P	0.8
4	☐	5000.000	4979.551	2719111.17	0.4925	P	0.7
5	☐	12500.000	12341.554	6656290.17	1.2139	A	0.7
6	☐	25000.000	24614.209	13321035.54	2.4165	A	0.9
7	☐	50000.000	49272.106	26220577.67	4.8326	A	0.1
8	☐	100000.00	98097.766	53039345.98	9.6168	A	0.4
9	☐	500000.00	500476.72	276506647.8	49.0444	A	0.0

$$y = 9.7986\text{E-}005 * x + 0.0046$$

$$R = 1.0000$$

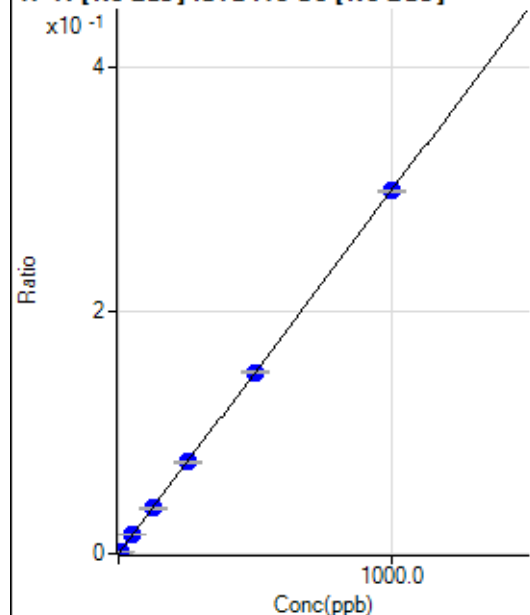
$$DL = 1.064$$

$$BEC = 47.01$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	29.3
2	☐	0.500	0.519	1000.08	0.0002	P	5.3
3	☐	5.000	4.703	7805.14	0.0014	P	4.0
4	☐	50.000	50.664	83754.48	0.0152	P	1.6
5	☐	125.000	125.148	205288.78	0.0374	P	1.2
6	☐	250.000	251.924	415316.49	0.0753	P	0.9
7	☐	500.000	500.296	811655.34	0.1496	P	0.7
8	☐	1000.000	999.321	1647815.61	0.2988	P	0.6
9	☐			1436.25	0.0003	P	13.2

$$y = 2.9895E-004 * x + 2.5917E-005$$

$$R = 1.0000$$

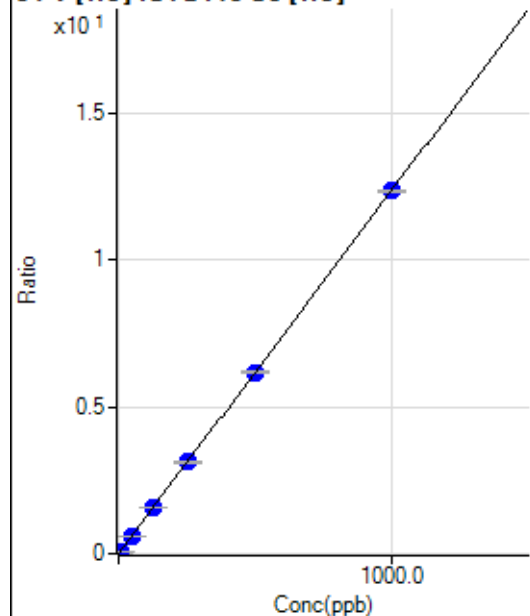
$$DL = 0.07626$$

$$BEC = 0.08669$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.34	0.0005	P	23.6
2	☐	0.500	0.463	1679.01	0.0063	P	3.0
3	☐	5.000	4.705	15874.24	0.0587	P	1.9
4	☐	50.000	49.732	165828.24	0.6157	P	1.1
5	☐	125.000	125.459	418626.66	1.5525	P	0.3
6	☐	250.000	251.841	839843.14	3.1159	P	0.6
7	☐	500.000	500.279	1689198.12	6.1891	P	0.7
8	☐	1000.000	999.358	3495107.17	12.3629	P	0.3
9	☐			1086.73	0.0036	P	4.6

$$y = 0.0124 * x + 5.2387E-004$$

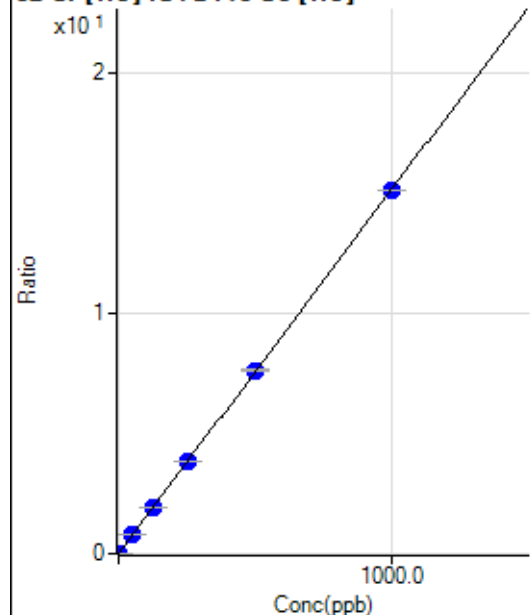
$$R = 1.0000$$

$$DL = 0.02993$$

$$BEC = 0.04235$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1107.84	0.0040	P	7.4
2	☐	0.200	0.196	1881.26	0.0070	P	4.6
3	☐	2.000	1.992	9243.02	0.0342	P	1.8
4	☐	50.000	50.457	206789.24	0.7678	P	0.7
5	☐	125.000	127.502	521468.69	1.9339	P	0.6
6	☐	250.000	254.608	1039814.97	3.8577	P	0.7
7	☐	500.000	503.291	2080223.53	7.6218	P	0.6
8	☐	1000.000	996.867	4266756.19	15.0924	P	0.1
9	☐			98891.99	0.3302	P	0.1

$$y = 0.0151 * x + 0.0040$$

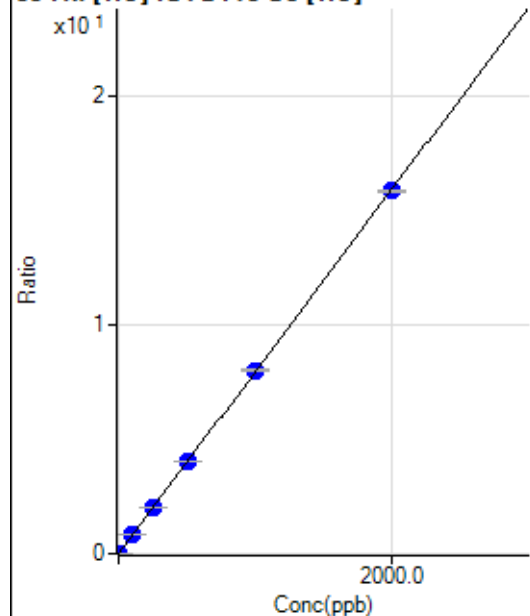
$$R = 1.0000$$

$$DL = 0.05936$$

$$BEC = 0.2674$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.11	0.0005	P	24.7
2	☐	0.100	0.096	333.34	0.0012	P	0.2
3	☐	1.000	1.029	2344.67	0.0087	P	2.6
4	☐	100.000	102.141	219265.10	0.8141	P	0.8
5	☐	250.000	254.552	546916.29	2.0282	P	0.5
6	☐	500.000	505.747	1086020.89	4.0292	P	0.6
7	☐	1000.000	1007.420	2190412.45	8.0254	P	0.6
8	☐	2000.000	1994.177	4491030.00	15.8858	P	0.3
9	☐			18519.64	0.0618	P	2.5

$$y = 0.0080 * x + 4.7875E-004$$

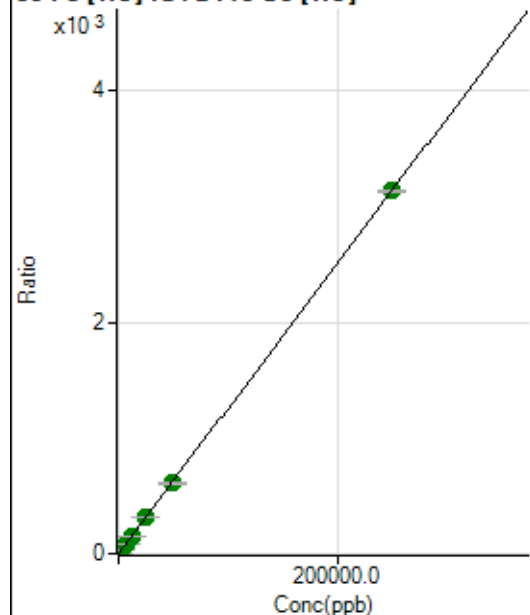
$$R = 1.0000$$

$$DL = 0.04459$$

$$BEC = 0.0601$$

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	4230.34	0.0155	P	2.4
2	☐	5.000	4.829	20360.82	0.0759	P	0.4
3	☐	50.000	48.256	167365.98	0.6192	P	0.7
4	☐	2500.000	2515.802	8481770.68	31.4921	A	0.7
5	☐	6250.000	6282.398	21199371.31	78.6182	A	0.4
6	☐	12500.000	12541.563	42299426.87	156.9303	A	0.4
7	☐	25000.000	24745.388	84505343.55	309.6196	A	0.7
8	☐	50000.000	48444.840	171356690.8	606.1374	A	0.9
9	☐	250000.00	250333.44	938014865.4	3,132.084	A	0.6

$$y = 0.0125 * x + 0.0155$$

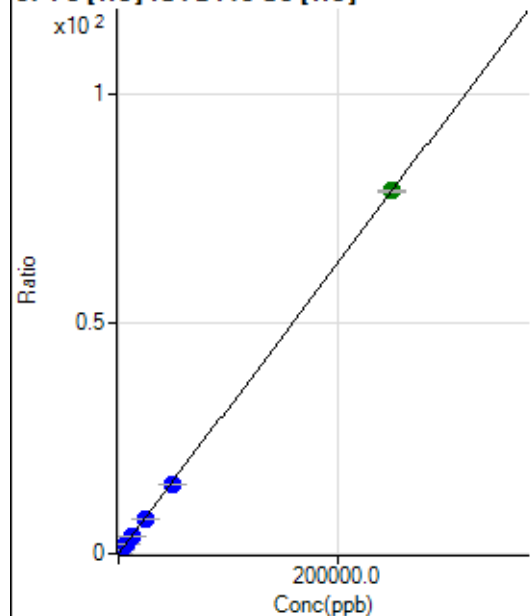
$$R = 1.0000$$

$$DL = 0.089$$

$$BEC = 1.235$$

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	101.86	0.0004	P	12.6
2	☐	5.000	4.629	490.76	0.0018	P	10.4
3	☐	50.000	45.880	4004.35	0.0148	P	2.3
4	☐	2500.000	2451.179	207940.40	0.7721	P	0.3
5	☐	6250.000	6192.895	525827.44	1.9500	P	0.4
6	☐	12500.000	12351.797	1048225.32	3.8890	P	0.8
7	☐	25000.000	24391.461	2095909.42	7.6793	P	0.8
8	☐	50000.000	48238.438	4293424.40	15.1868	P	0.4
9	☐	250000.00	250422.49	23610875.30	78.8384	A	0.6

$$y = 3.1482E-004 * x + 3.7209E-004$$

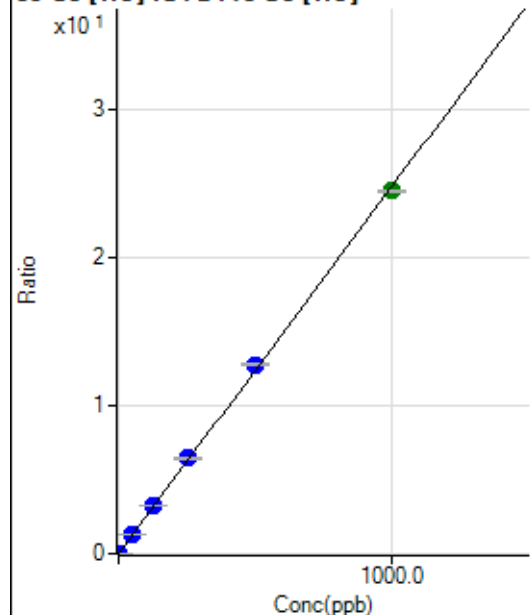
$$R = 1.0000$$

$$DL = 0.4465$$

$$BEC = 1.182$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	560.02	0.0020	P	4.0
2	☐	0.100	0.086	1122.28	0.0042	P	7.4
3	☐	1.000	1.000	7236.34	0.0268	P	1.6
4	☐	50.000	52.368	349238.56	1.2967	P	0.7
5	☐	125.000	130.627	871335.59	3.2313	P	0.2
6	☐	250.000	260.252	1734711.95	6.4358	P	0.7
7	☐	500.000	514.256	3470333.56	12.7152	P	1.1
8	☐	1000.000	989.487	6916006.36	24.4636	A	0.3
9	☐			9205.26	0.0307	P	0.8

$$y = 0.0247 * x + 0.0020$$

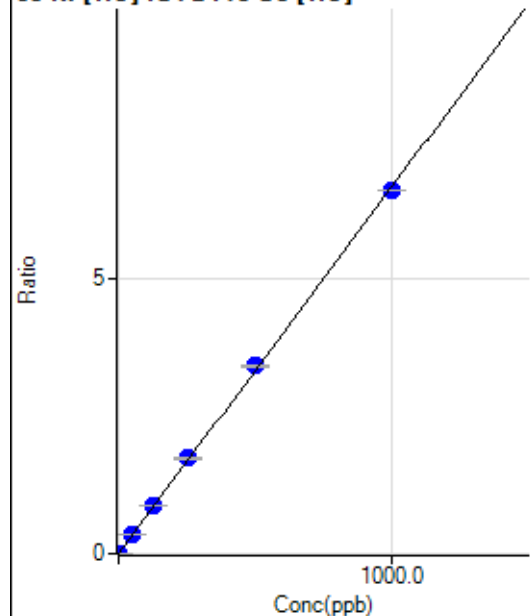
$$R = 0.9998$$

$$DL = 0.009919$$

$$BEC = 0.08275$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0005	P	11.8
2	☐	0.100	0.101	327.79	0.0012	P	12.2
3	☐	1.000	1.071	2080.18	0.0077	P	5.7
4	☐	50.000	52.986	95350.81	0.3540	P	0.4
5	☐	125.000	130.873	235564.94	0.8736	P	0.4
6	☐	250.000	260.263	468118.08	1.7367	P	0.4
7	☐	500.000	512.564	933372.82	3.4198	P	1.0
8	☐	1000.000	990.269	1867727.52	6.6065	P	0.0
9	☐			23910.85	0.0798	P	0.5

$$y = 0.0067 * x + 5.4807E-004$$

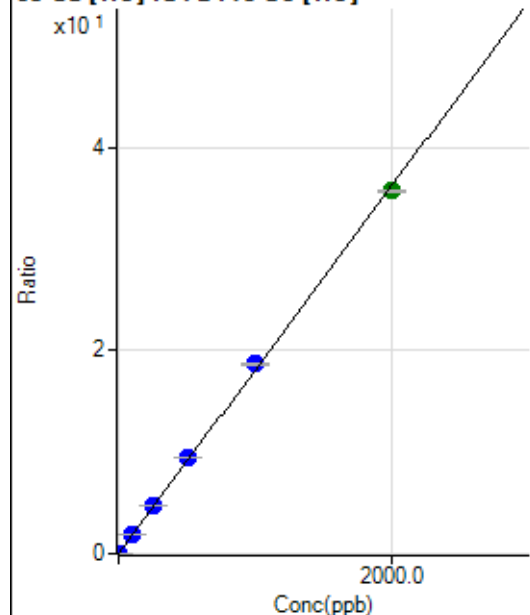
$$R = 0.9998$$

$$DL = 0.02917$$

$$BEC = 0.08216$$

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	918.94	0.0034	P	7.3
2	☐	0.200	0.195	1850.15	0.0069	P	4.7
3	☐	2.000	2.073	11045.42	0.0409	P	1.4
4	☐	100.000	105.867	516881.47	1.9191	P	0.5
5	☐	250.000	263.811	1288203.20	4.7773	P	0.1
6	☐	500.000	526.171	2567339.90	9.5249	P	0.5
7	☐	1000.000	1033.839	5106903.43	18.7117	P	1.1
8	☐	2000.000	1974.518	10102405.06	35.7341	A	0.2
9	☐			14399.48	0.0481	P	0.7

$$y = 0.0181 * x + 0.0034$$

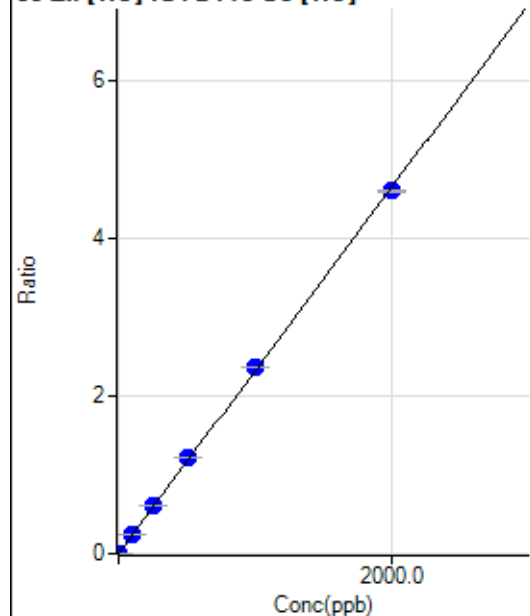
$$R = 0.9997$$

$$DL = 0.04066$$

$$BEC = 0.1855$$

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	144.45	0.0005	P	12.9
2	☐	0.200	0.210	272.23	0.0010	P	3.9
3	☐	2.000	2.114	1466.76	0.0054	P	3.5
4	☐	100.000	105.923	66233.78	0.2459	P	0.5
5	☐	250.000	260.887	163114.61	0.6049	P	0.9
6	☐	500.000	523.172	326838.79	1.2126	P	0.4
7	☐	1000.000	1020.810	645598.26	2.3654	P	0.6
8	☐	2000.000	1982.145	1298335.42	4.5925	P	0.3
9	☐			5681.19	0.0190	P	1.9

$$y = 0.0023 * x + 5.2779E-004$$

$$R = 0.9998$$

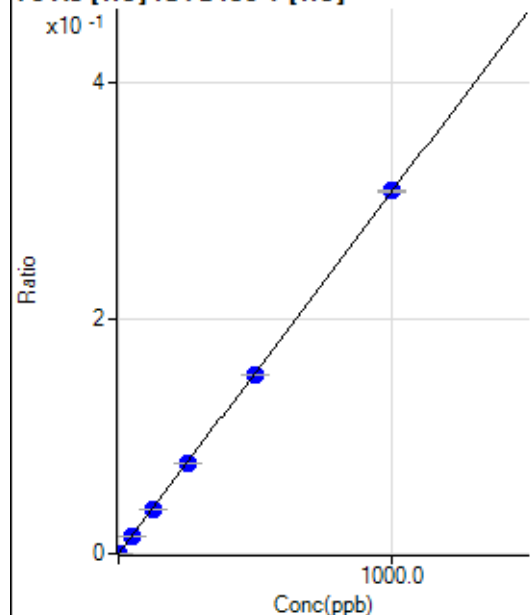
$$DL = 0.08841$$

$$BEC = 0.2278$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.87	0.0000	P	14.9
2	☐	0.100	0.082	68.52	0.0000	P	27.0
3	☐	1.000	1.003	500.01	0.0003	P	7.5
4	☐	50.000	49.111	22973.13	0.0151	P	1.3
5	☐	125.000	124.130	58031.68	0.0382	P	0.5
6	☐	250.000	248.400	115959.28	0.0764	P	0.2
7	☐	500.000	494.455	233588.57	0.1521	P	0.4
8	☐	1000.000	1003.326	483102.38	0.3086	P	0.2
9	☐			767.32	0.0005	P	8.9

$$y = 3.0751\text{E-}004 * x + 2.0085\text{E-}005$$

$$R = 1.0000$$

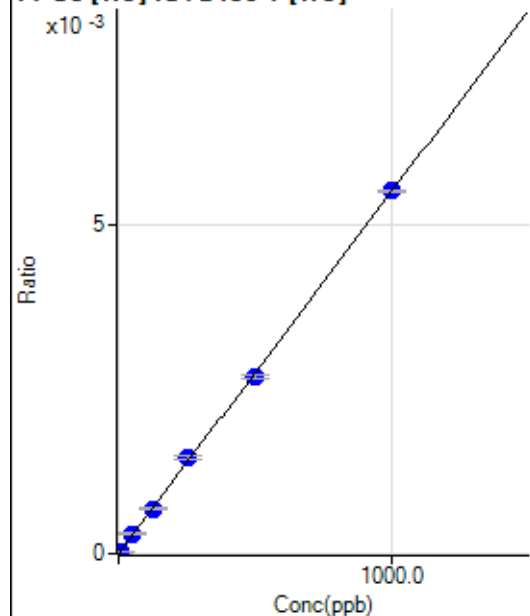
$$DL = 0.0292$$

$$BEC = 0.06531$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500	0.541	6.67	0.0000	P	132.
3	☐	5.000	4.510	40.00	0.0000	P	28.7
4	☐	50.000	54.340	456.68	0.0003	P	6.2
5	☐	125.000	124.211	1041.16	0.0007	P	3.0
6	☐	250.000	262.997	2199.09	0.0014	P	3.9
7	☐	500.000	488.838	4135.09	0.0027	P	1.4
8	☐	1000.000	1002.216	8639.36	0.0055	P	0.4
9	☐			22.22	0.0000	P	22.6

$$y = 5.5043\text{E-}006 * x + 1.4442\text{E-}006$$

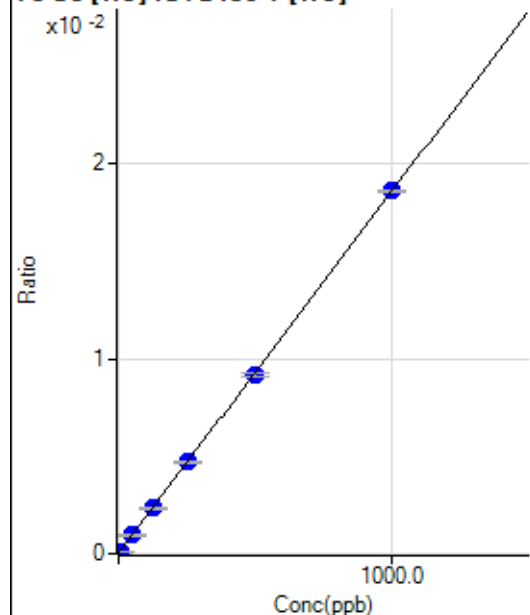
$$R = 0.9998$$

$$DL = 0.6817$$

$$BEC = 0.2624$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.31	0.0000	P	11.2
2	☐	0.500	0.491	87.65	0.0001	P	6.1
3	☐	5.000	4.082	189.51	0.0001	P	7.0
4	☐	50.000	49.109	1453.17	0.0010	P	4.7
5	☐	125.000	123.795	3551.70	0.0023	P	3.3
6	☐	250.000	250.895	7112.29	0.0047	P	2.1
7	☐	500.000	493.470	14085.92	0.0092	P	2.1
8	☐	1000.000	1003.241	29110.66	0.0186	P	0.7
9	☐			133.34	0.0001	P	9.6

$$y = 1.8484\text{E-}005 * x + 4.9019\text{E-}005$$

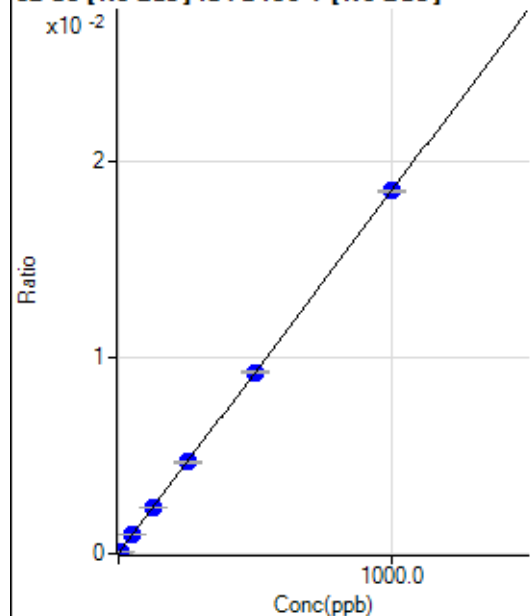
$$R = 1.0000$$

$$DL = 0.8948$$

$$BEC = 2.652$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.21	0.0000	P	14.2
2	☐	0.500	0.543	337.14	0.0000	P	16.5
3	☐	5.000	4.787	1059.89	0.0001	P	6.4
4	☐	50.000	49.667	8886.65	0.0009	P	2.0
5	☐	125.000	126.530	22124.50	0.0024	P	0.4
6	☐	250.000	250.739	44333.62	0.0047	P	0.8
7	☐	500.000	499.339	86439.19	0.0092	P	0.7
8	☐	1000.000	999.972	175170.07	0.0185	P	0.8
9	☐			576.47	0.0001	P	20.3

$$y = 1.8445\text{E-}005 * x + 2.5691\text{E-}005$$

$$R = 1.0000$$

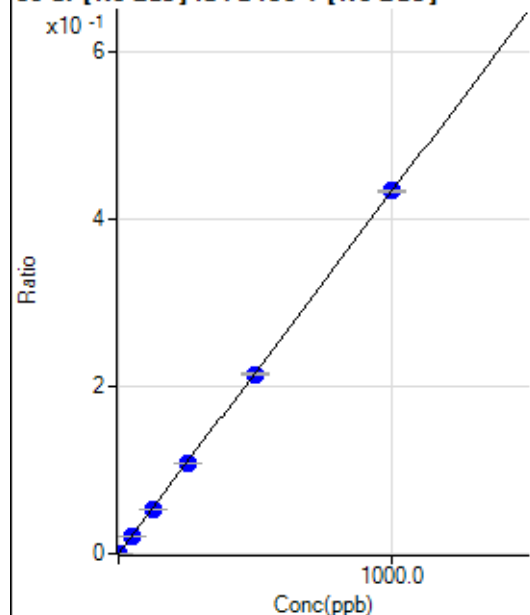
$$DL = 0.5926$$

$$BEC = 1.393$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1344.57	0.0001	P	1.5
2	☐	0.100	0.055	1558.49	0.0002	P	5.2
3	☐	1.000	0.845	4712.08	0.0005	P	3.7
4	☐	50.000	49.234	202008.75	0.0214	P	1.2
5	☐	125.000	123.374	501030.60	0.0534	P	0.3
6	☐	250.000	248.044	1022788.91	0.1073	P	0.4
7	☐	500.000	496.260	2007598.91	0.2145	P	0.8
8	☐	1000.000	1002.601	4108791.89	0.4332	P	0.6
9	☐			119644.94	0.0128	P	1.1

$$y = 4.3196\text{E-}004 * x + 1.4148\text{E-}004$$

$$R = 1.0000$$

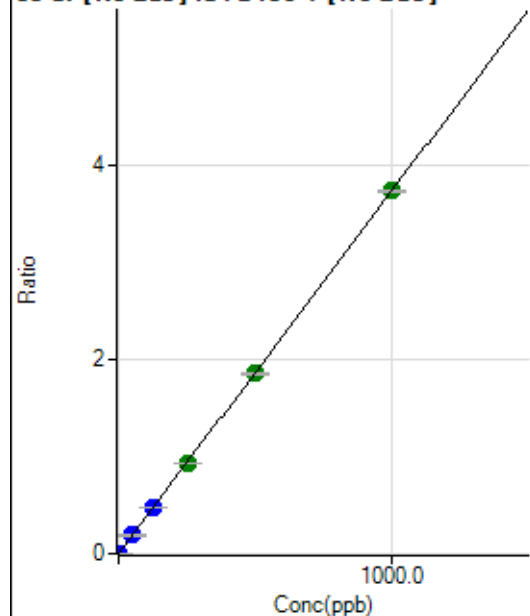
$$DL = 0.0143$$

$$BEC = 0.3275$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	13.0
2	☐	0.100	0.087	3286.64	0.0003	P	4.7
3	☐	1.000	0.908	31816.88	0.0034	P	1.0
4	☐	50.000	50.436	1779355.12	0.1886	P	0.3
5	☐	125.000	127.918	4484370.67	0.4782	P	0.3
6	☐	250.000	249.672	8898322.16	0.9334	A	1.1
7	☐	500.000	496.828	17383771.92	1.8574	A	0.6
8	☐	1000.000	1001.282	35501854.96	3.7433	A	0.7
9	☐			1043164.15	0.1115	P	0.7

$$y = 0.0037 * x + 2.4248\text{E-}005$$

$$R = 1.0000$$

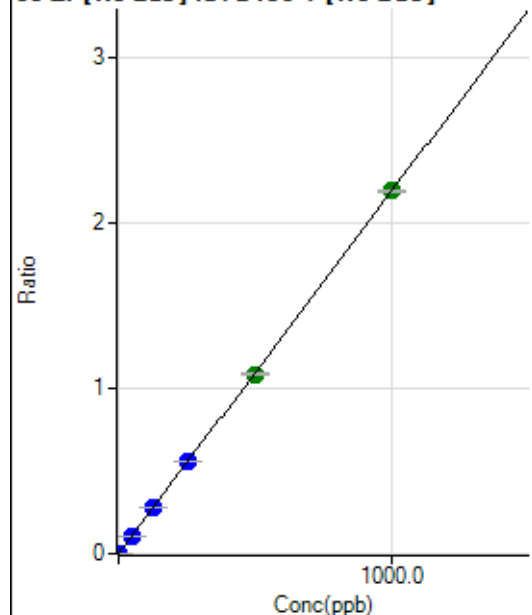
$$DL = 0.002524$$

$$BEC = 0.006486$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	672.27	0.0001	P	4.6
2	☐	0.100	0.062	1941.89	0.0002	P	3.7
3	☐	1.000	0.719	15322.63	0.0016	P	2.9
4	☐	50.000	48.976	1014108.73	0.1075	P	0.4
5	☐	125.000	125.582	2583073.86	0.2755	P	0.2
6	☐	250.000	253.376	5298013.96	0.5557	P	0.1
7	☐	500.000	495.669	10174348.49	1.0871	A	0.6
8	☐	1000.000	1001.300	20826753.24	2.1960	A	0.9
9	☐			5048.31	0.0005	P	5.5

$$y = 0.0022 * x + 7.0728E-005$$

$$R = 1.0000$$

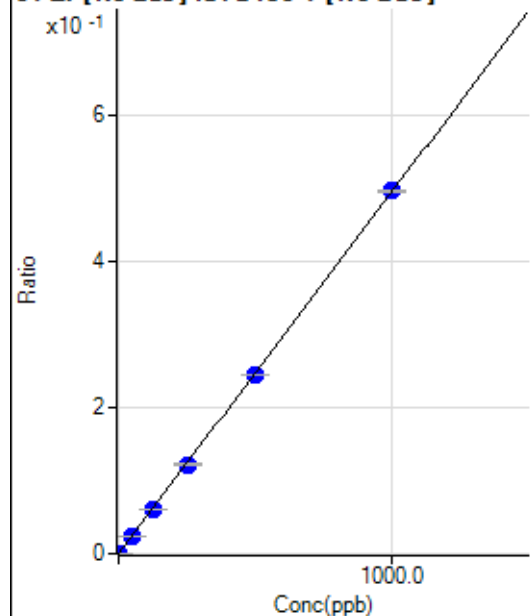
$$DL = 0.004408$$

$$BEC = 0.03225$$

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	127.79	0.0000	P	16.1
2	☐	0.100	0.062	416.69	0.0000	P	6.4
3	☐	1.000	0.731	3486.68	0.0004	P	3.6
4	☐	50.000	48.408	225917.46	0.0239	P	0.8
5	☐	125.000	124.085	575287.67	0.0614	P	0.3
6	☐	250.000	247.171	1164959.31	0.1222	P	0.7
7	☐	500.000	494.272	2286915.81	0.2444	P	0.6
8	☐	1000.000	1003.766	4706098.41	0.4962	P	0.8
9	☐			1044.53	0.0001	P	15.4

$$y = 4.9434E-004 * x + 1.3441E-005$$

$$R = 1.0000$$

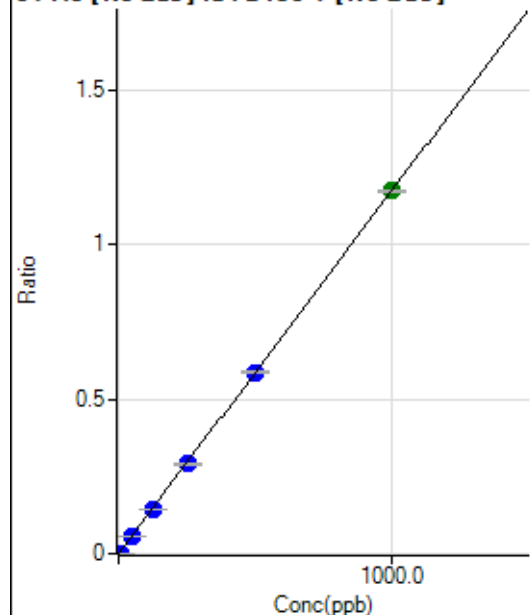
$$DL = 0.01313$$

$$BEC = 0.02719$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.70	0.0001	P	15.7
2	☐	0.500	0.164	2328.07	0.0002	P	6.4
3	☐	5.000	1.865	20849.26	0.0022	P	3.1
4	☐	50.000	48.371	535643.15	0.0568	P	0.8
5	☐	125.000	123.554	1358862.93	0.1449	P	0.5
6	☐	250.000	247.255	2764254.27	0.2900	P	0.7
7	☐	500.000	500.784	5495874.86	0.5872	P	0.5
8	☐	1000.000	1000.572	11126893.48	1.1732	A	0.8
9	☐			21386.32	0.0023	P	2.7

$$y = 0.0012 * x + 5.4351E-005$$

$$R = 1.0000$$

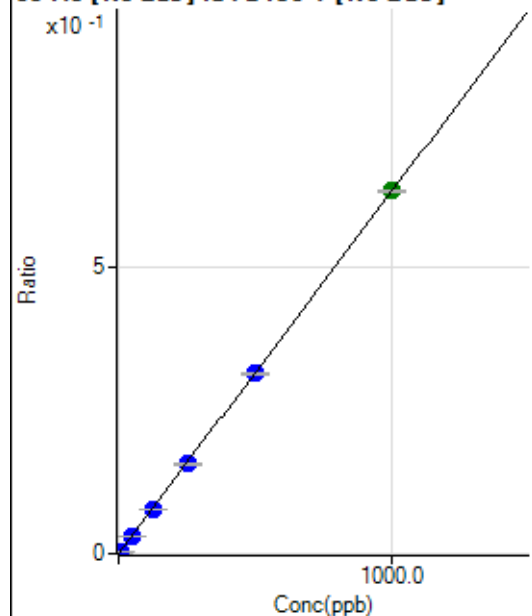
$$DL = 0.02182$$

$$BEC = 0.04635$$

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	402.80	0.0000	P	12.5
2	☐	0.500	0.430	2967.10	0.0003	P	6.3
3	☐	5.000	4.574	27296.47	0.0029	P	1.3
4	☐	50.000	48.622	290461.02	0.0308	P	0.3
5	☐	125.000	122.598	727165.66	0.0776	P	1.0
6	☐	250.000	247.458	1491899.09	0.1565	P	0.5
7	☐	500.000	497.739	2945640.06	0.3147	P	0.7
8	☐	1000.000	1002.138	6009517.58	0.6336	A	0.6
9	☐			34158.81	0.0037	P	8.7

$$y = 6.3224E-004 * x + 4.2356E-005$$

$$R = 1.0000$$

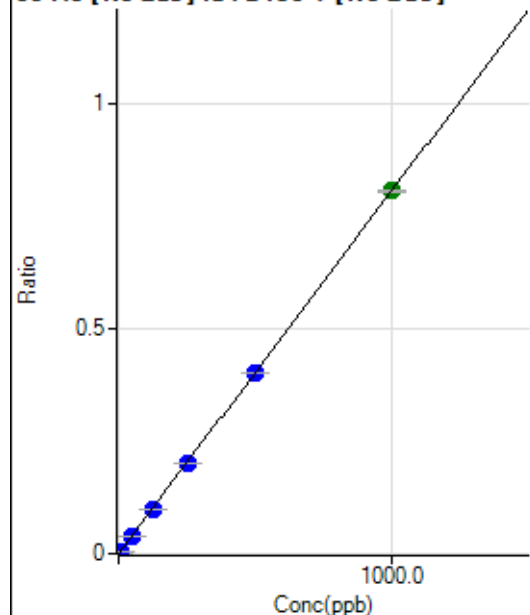
$$DL = 0.02517$$

$$BEC = 0.06699$$

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	480.59	0.0001	P	19.1
2	☐	0.500	0.384	3397.76	0.0004	P	8.4
3	☐	5.000	3.909	29742.91	0.0032	P	1.6
4	☐	50.000	48.820	371189.82	0.0393	P	0.0
5	☐	125.000	123.506	932417.66	0.0994	P	1.0
6	☐	250.000	247.767	1901351.71	0.1994	P	0.5
7	☐	500.000	499.808	3764997.44	0.4023	P	0.3
8	☐	1000.000	1000.906	7639820.40	0.8055	A	0.8
9	☐			40881.92	0.0044	P	6.1

$$y = 8.0476E-004 * x + 5.0514E-005$$

$$R = 1.0000$$

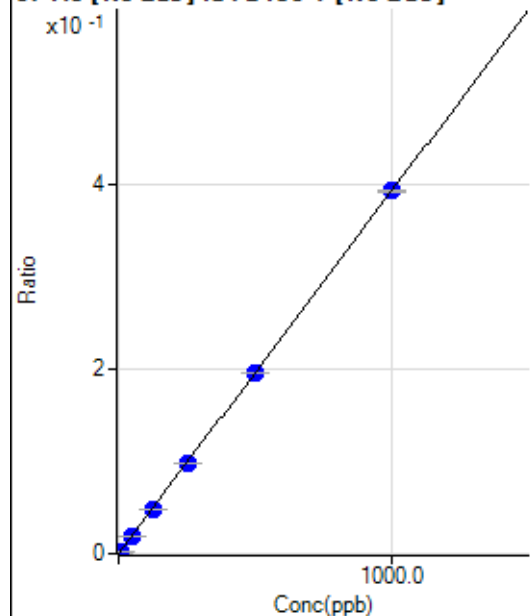
$$DL = 0.03597$$

$$BEC = 0.06277$$

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	305.57	0.0000	P	14.0
2	☐	0.500	0.437	1922.44	0.0002	P	9.7
3	☐	5.000	4.490	16671.42	0.0018	P	1.4
4	☐	50.000	48.310	178977.02	0.0190	P	0.6
5	☐	125.000	123.878	455607.42	0.0486	P	0.4
6	☐	250.000	247.950	926830.93	0.0972	P	0.8
7	☐	500.000	499.589	1833070.63	0.1959	P	0.5
8	☐	1000.000	1000.945	3721445.92	0.3924	P	0.3
9	☐			21244.40	0.0023	P	9.2

$$y = 3.9197E-004 * x + 3.2165E-005$$

$$R = 1.0000$$

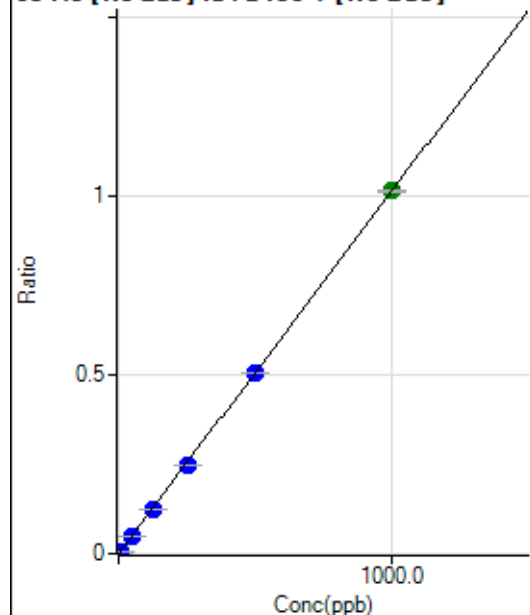
$$DL = 0.03445$$

$$BEC = 0.08206$$

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	647.27	0.0001	P	8.0
2	☐	0.500	0.427	4725.99	0.0005	P	2.0
3	☐	5.000	4.458	42600.63	0.0046	P	0.2
4	☐	50.000	47.979	458762.86	0.0486	P	0.2
5	☐	125.000	122.534	1163315.66	0.1241	P	0.3
6	☐	250.000	245.832	2372199.45	0.2488	P	0.6
7	☐	500.000	499.519	4731587.48	0.5056	P	0.1
8	☐	1000.000	1001.694	9614567.58	1.0137	A	0.3
9	☐			52428.47	0.0056	P	6.4

$$y = 0.0010 * x + 6.8092E-005$$

$$R = 1.0000$$

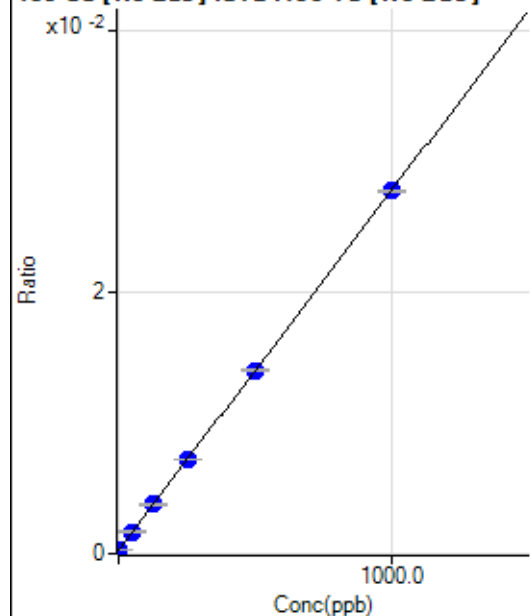
$$DL = 0.01616$$

$$BEC = 0.06729$$

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	3025.44	0.0003	P	4.2
2	☐	0.100	-0.043	2975.44	0.0003	P	1.9
3	☐	1.000	0.245	3036.58	0.0003	P	2.1
4	☐	50.000	51.459	18526.69	0.0017	P	1.1
5	☐	125.000	126.904	41141.45	0.0038	P	1.0
6	☐	250.000	250.730	79065.09	0.0072	P	0.7
7	☐	500.000	500.582	152796.35	0.0140	P	1.5
8	☐	1000.000	999.217	301858.47	0.0277	P	0.6
9	☐			3131.05	0.0003	P	2.1

$$y = 2.7465E-005 * x + 2.7241E-004$$

$$R = 1.0000$$

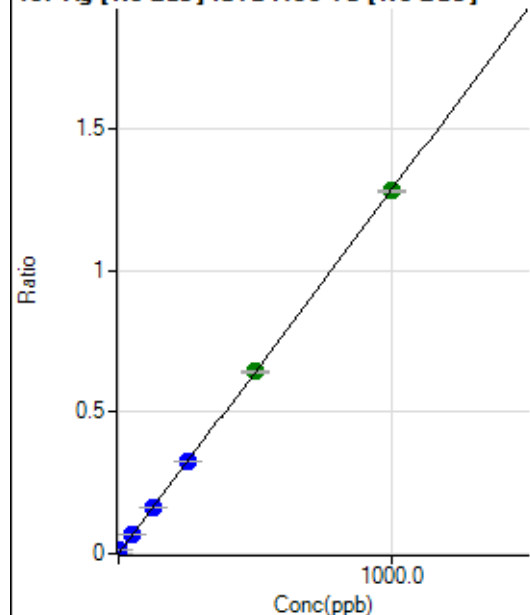
$$DL = 1.245$$

$$BEC = 9.919$$

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	61.11	0.0000	P	20.7
2	☐	0.100	1.011	14318.98	0.0013	P	2.7
3	☐	1.000	9.984	139695.33	0.0128	P	0.5
4	☐	50.000	50.926	719480.54	0.0655	P	0.9
5	☐	125.000	126.819	1784744.29	0.1630	P	0.2
6	☐	250.000	254.609	3614499.30	0.3273	P	0.7
7	☐	500.000	501.487	7024663.70	0.6446	A	0.8
8	☐	1000.000	997.822	13969003.96	1.2826	A	0.8
9	☐			1761.31	0.0002	P	1.3

$$y = 0.0013 * x + 5.5025E-006$$

$$R = 1.0000$$

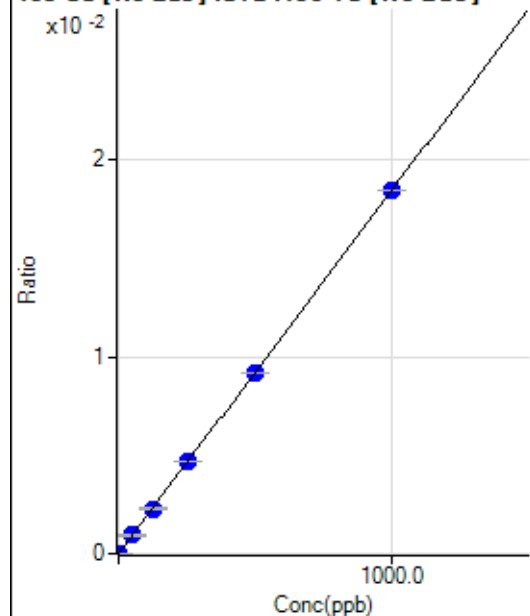
$$DL = 0.002662$$

$$BEC = 0.004281$$

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	12.50	0.0000	P	66.2
2	☐	0.100	0.090	30.55	0.0000	P	43.8
3	☐	1.000	1.074	227.78	0.0000	P	8.8
4	☐	50.000	50.665	10285.88	0.0009	P	3.6
5	☐	125.000	124.447	25157.36	0.0023	P	2.1
6	☐	250.000	253.755	51727.51	0.0047	P	0.9
7	☐	500.000	498.587	100276.33	0.0092	P	0.7
8	☐	1000.000	999.804	200958.83	0.0185	P	0.1
9	☐			44.45	0.0000	P	30.2

$$y = 1.8453E-005 * x + 1.1238E-006$$

$$R = 1.0000$$

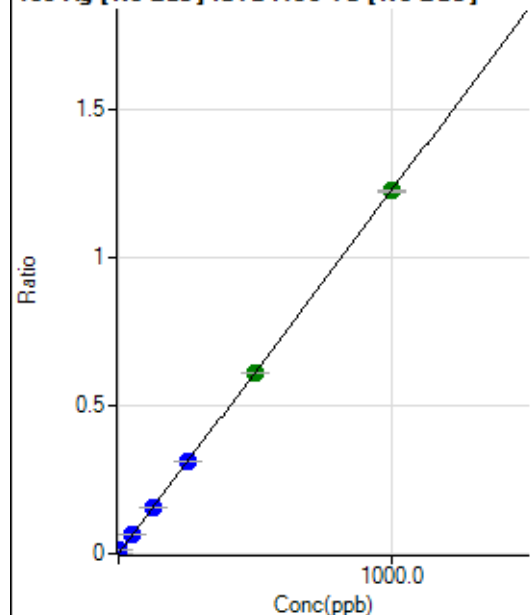
$$DL = 0.1209$$

$$BEC = 0.0609$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	43.4
2	☐	0.100	1.016	13712.71	0.0013	P	1.0
3	☐	1.000	10.009	133713.38	0.0123	P	0.8
4	☐	50.000	50.961	687589.74	0.0626	P	1.8
5	☐	125.000	127.123	1708643.18	0.1561	P	0.6
6	☐	250.000	255.180	3459953.59	0.3133	P	0.7
7	☐	500.000	498.243	6665867.42	0.6117	A	0.4
8	☐	1000.000	999.261	13361698.65	1.2268	A	0.3
9	☐			1786.30	0.0002	P	7.2

$$y = 0.0012 * x + 3.0024E-006$$

$$R = 1.0000$$

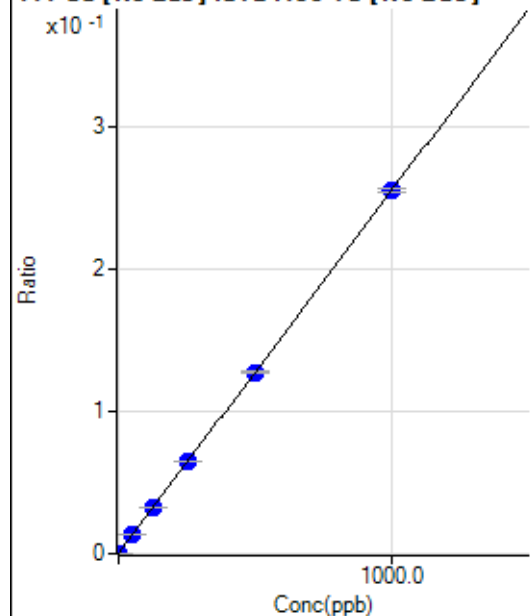
$$DL = 0.003182$$

$$BEC = 0.002446$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2217.40	0.0002	P	3.6
2	☐	0.100	0.085	2428.10	0.0002	P	1.2
3	☐	1.000	0.892	4640.08	0.0004	P	1.6
4	☐	50.000	50.825	144235.01	0.0131	P	0.3
5	☐	125.000	126.441	354205.78	0.0324	P	0.2
6	☐	250.000	252.477	711277.71	0.0644	P	0.3
7	☐	500.000	499.145	1385369.98	0.1271	P	0.7
8	☐	1000.000	999.587	2770632.61	0.2544	P	1.0
9	☐			2477.30	0.0002	P	3.0

$$y = 2.5429E-004 * x + 1.9966E-004$$

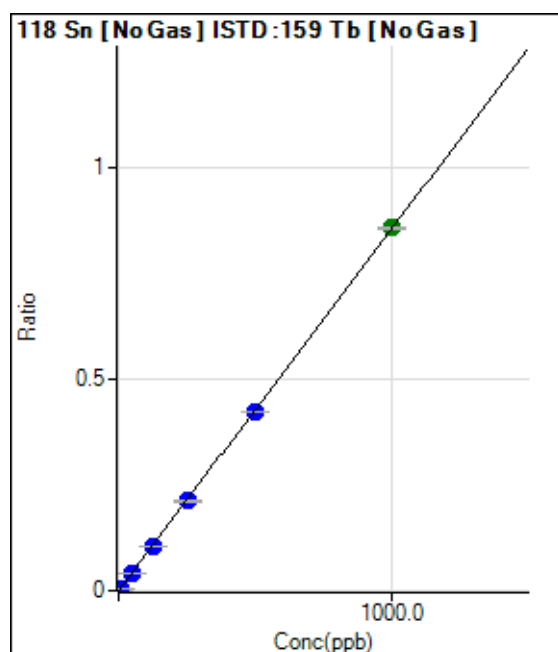
$$R = 1.0000$$

$$DL = 0.08381$$

$$BEC = 0.7852$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1202.88	0.0001	P	14.9
2	☐	0.500	0.471	5601.36	0.0005	P	3.4
3	☐	5.000	4.576	43671.47	0.0040	P	1.0
4	☐	50.000	48.645	457484.17	0.0416	P	1.1
5	☐	125.000	122.164	1142759.23	0.1044	P	0.2
6	☐	250.000	247.636	2335544.59	0.2115	P	0.6
7	☐	500.000	494.992	4605195.63	0.4226	P	0.3
8	☐	1000.000	1003.520	9330034.06	0.8566	A	0.4
9	☐			13429.19	0.0013	P	8.8

$$y = 8.5354\text{E-}004 * x + 1.0839\text{E-}004$$

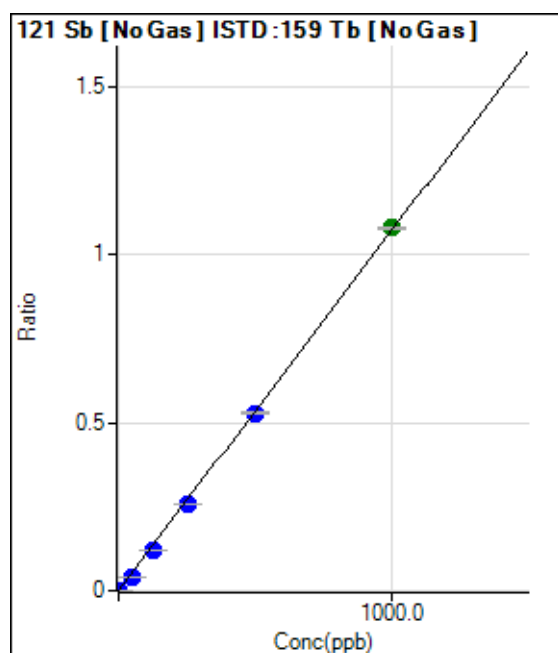
$$R = 1.0000$$

$$DL = 0.05688$$

$$BEC = 0.127$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1141.77	0.0001	P	20.8
2	☐	0.200	0.134	2703.16	0.0002	P	13.3
3	☐	2.000	1.725	21202.81	0.0019	P	0.5
4	☐	50.000	38.776	457069.73	0.0416	P	2.4
5	☐	125.000	112.951	1324254.29	0.1210	P	0.8
6	☐	250.000	239.171	2827476.93	0.2560	P	0.5
7	☐	500.000	492.860	5747776.82	0.5275	P	0.7
8	☐	1000.000	1008.345	11752121.53	1.0790	A	0.3
9	☐			61153.81	0.0060	P	7.2

$$y = 0.0011 * x + 1.0288\text{E-}004$$

$$R = 0.9998$$

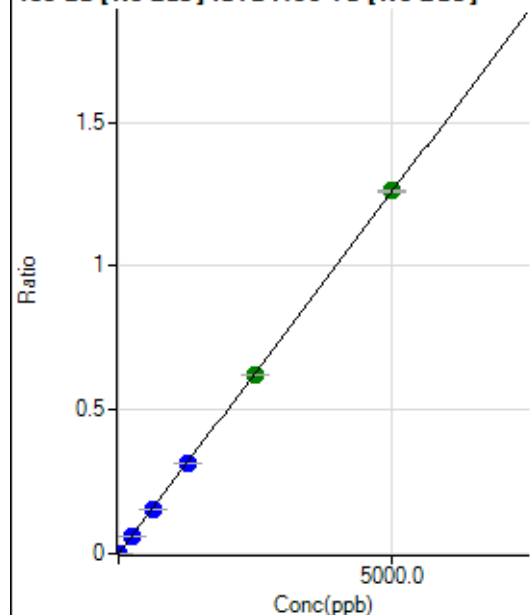
$$DL = 0.06006$$

$$BEC = 0.09615$$

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	252.79	0.0000	P	9.8
2	☐	1.000	0.893	2711.50	0.0002	P	1.8
3	☐	10.000	9.232	25485.39	0.0023	P	3.1
4	☐	250.000	245.887	679049.54	0.0618	P	1.7
5	☐	625.000	615.986	1694403.90	0.1548	P	1.0
6	☐	1250.000	1246.892	3459540.44	0.3133	P	1.0
7	☐	2500.000	2466.773	6752959.27	0.6197	A	0.4
8	☐	5000.000	5018.725	13731909.34	1.2608	A	0.3
9	☐			4423.13	0.0004	P	2.8

$$y = 2.5121\text{E-}004 * x + 2.2762\text{E-}005$$

$$R = 1.0000$$

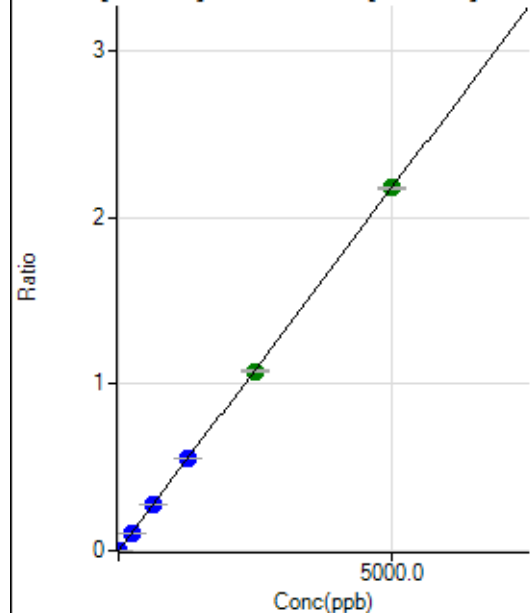
$$DL = 0.02664$$

$$BEC = 0.09061$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.92	0.0000	P	22.9
2	☐	1.000	0.889	4651.00	0.0004	P	3.7
3	☐	10.000	9.225	44065.35	0.0040	P	1.5
4	☐	250.000	247.882	1185372.27	0.1079	P	1.3
5	☐	625.000	625.925	2981177.08	0.2723	P	0.6
6	☐	1250.000	1269.198	6097695.10	0.5521	P	0.8
7	☐	2500.000	2479.922	11755982.03	1.0788	A	0.6
8	☐	5000.000	5005.231	23713379.35	2.1773	A	0.3
9	☐			7808.07	0.0008	P	1.0

$$y = 4.3499\text{E-}004 * x + 3.7238\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05883$$

$$BEC = 0.08561$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			37.78		P	10.2
5	☐			82.22		P	24.8
6	☐			197.79		P	20.3
7	☐			268.90		P	15.1
8	☐			575.59		P	11.4
9	☐			164.45		P	13.0

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	☐			0.00		P	
4	☐			7.78		P	65.5
5	☐			11.11		P	17.3
6	☐			18.89		P	56.7
7	☐			27.78		P	18.3
8	☐			77.78		P	8.9
9	☐			68.89		P	18.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	124.
2	☐			19.45		P	24.7
3	☐			11.11		P	86.6
4	☐			13.89		P	91.6
5	☐			36.11		P	35.3
6	☐			75.00		P	29.4
7	☐			113.90		P	15.2
8	☐			147.23		P	31.2
9	☐			116.67		P	14.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			3.33		P	100.
3	☐			1.11		P	173.
4	☐			6.67		P	0.0
5	☐			5.56		P	34.7
6	☐			11.11		P	69.3
7	☐			26.67		P	54.5
8	☐			47.78		P	10.7
9	☐			74.45		P	9.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	21.5
2	☐			50.00		P	0.0
3	☐			63.89		P	7.5
4	☐			94.45		P	22.2
5	☐			75.00		P	72.9
6	☐			97.23		P	55.1
7	☐			86.12		P	5.6
8	☐			97.22		P	21.6
9	☐			144.45		P	17.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	21.7
2	☐			45.55		P	8.5
3	☐			31.11		P	27.0
4	☐			42.22		P	24.1
5	☐			32.22		P	21.5
6	☐			53.33		P	16.5
7	☐			47.78		P	20.1
8	☐			73.34		P	12.0
9	☐			117.78		P	15.6

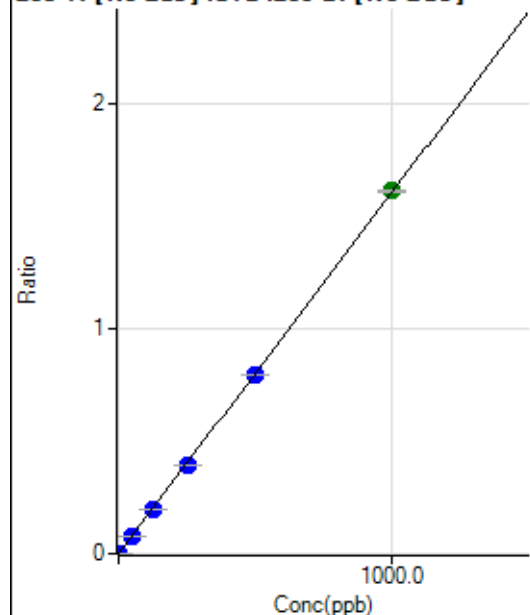
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	53.3
2	☐			33.33		P	50.0
3	☐			72.23		P	6.7
4	☐			61.12		P	7.9
5	☐			55.56		P	31.2
6	☐			63.89		P	19.9
7	☐			66.67		P	43.3
8	☐			61.12		P	34.3
9	☐			141.67		P	23.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.34		P	49.5
2	☐			13.33		P	75.0
3	☐			32.22		P	46.6
4	☐			20.00		P	44.1
5	☐			33.33		P	45.8
6	☐			24.44		P	34.3
7	☐			21.11		P	32.9
8	☐			32.22		P	15.8
9	☐			65.56		P	21.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	419.47	0.0001	P	4.5
2	☐	0.100	0.069	1144.54	0.0002	P	2.4
3	☐	1.000	0.877	9595.51	0.0015	P	1.4
4	☐	50.000	47.508	506566.62	0.0763	P	0.3
5	☐	125.000	120.426	1266947.77	0.1933	P	1.0
6	☐	250.000	243.805	2593083.59	0.3912	P	0.4
7	☐	500.000	494.047	5091357.23	0.7927	P	0.2
8	☐	1000.000	1005.222	10039958.99	1.6129	A	0.4
9	☐			2522.59	0.0005	P	5.2

$$y = 0.0016 * x + 6.2366E-005$$

$$R = 0.9999$$

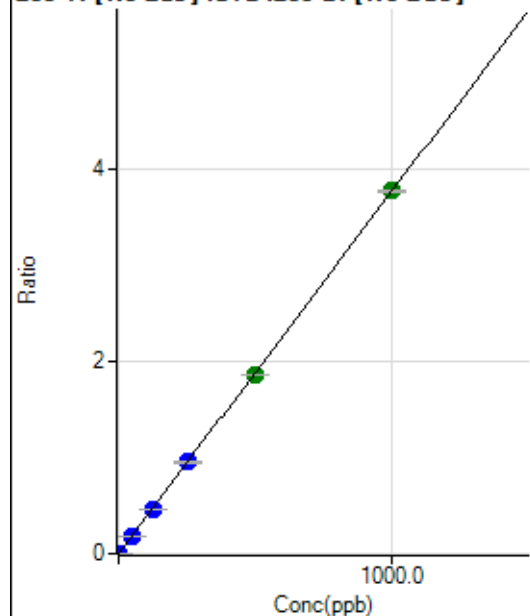
$$DL = 0.005202$$

$$BEC = 0.03887$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	905.63	0.0001	P	14.4
2	☐	0.100	0.086	3033.82	0.0005	P	3.4
3	☐	1.000	0.909	23254.58	0.0036	P	0.2
4	☐	50.000	48.749	1220458.35	0.1838	P	0.4
5	☐	125.000	124.180	3067641.89	0.4680	P	0.3
6	☐	250.000	252.540	6306795.58	0.9515	P	0.8
7	☐	500.000	493.909	11951450.35	1.8609	A	0.4
8	☐	1000.000	1002.576	23512336.64	3.7772	A	0.7
9	☐			5907.15	0.0011	P	4.2

$$y = 0.0038 * x + 1.3460E-004$$

$$R = 1.0000$$

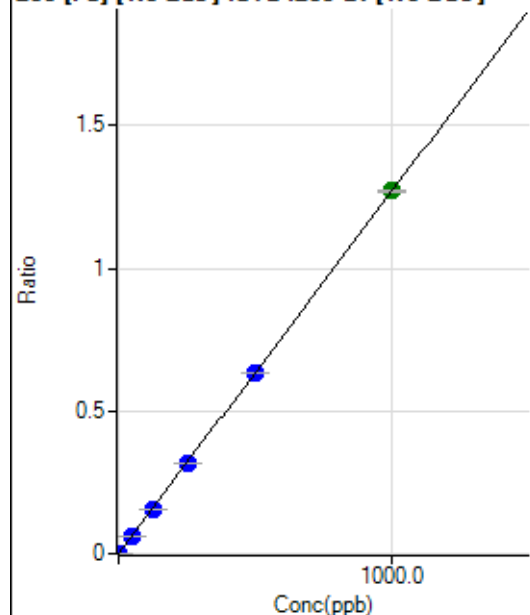
$$DL = 0.01545$$

$$BEC = 0.03573$$

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	1213.05	0.0002	P	2.3
2	☐	0.100	0.073	1809.44	0.0003	P	8.1
3	☐	1.000	0.898	8614.15	0.0013	P	2.3
4	☐	50.000	48.839	412365.00	0.0621	P	0.6
5	☐	125.000	122.881	1022469.96	0.1560	P	0.2
6	☐	250.000	247.994	2085129.63	0.3146	P	0.8
7	☐	500.000	497.440	4051617.94	0.6309	P	0.3
8	☐	1000.000	1002.105	7909779.17	1.2707	A	0.6
9	☐			14680.73	0.0027	P	3.1

$$y = 0.0013 * x + 1.8037E-004$$

$$R = 1.0000$$

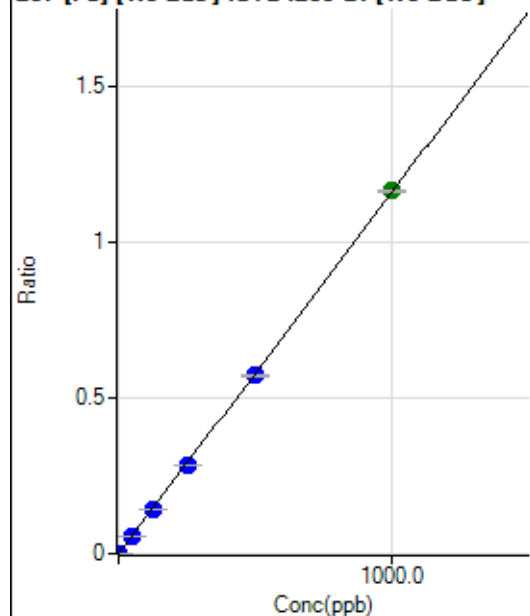
$$DL = 0.009721$$

$$BEC = 0.1423$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1048.23	0.0002	P	10.2
2	☐	0.100	0.072	1581.62	0.0002	P	7.2
3	☐	1.000	0.889	7743.21	0.0012	P	4.4
4	☐	50.000	48.337	372652.93	0.0561	P	0.1
5	☐	125.000	121.841	925768.23	0.1412	P	0.5
6	☐	250.000	245.385	1884061.70	0.2843	P	0.3
7	☐	500.000	493.114	3667716.40	0.5711	P	0.4
8	☐	1000.000	1005.075	7244575.51	1.1638	A	0.5
9	☐			12821.32	0.0024	P	3.3

$$y = 0.0012 * x + 1.5588E-004$$

$$R = 1.0000$$

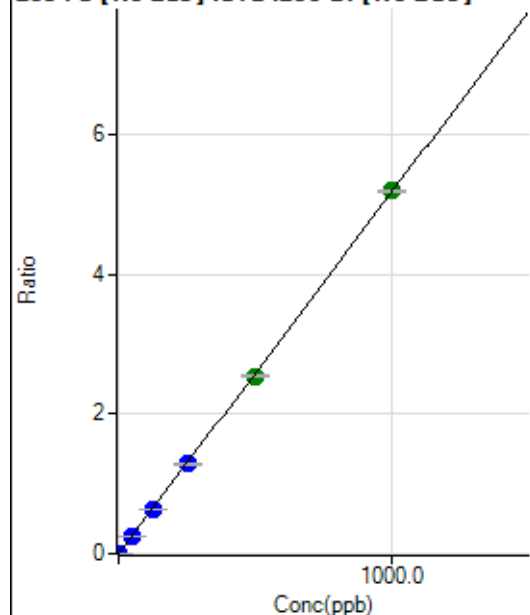
$$DL = 0.04136$$

$$BEC = 0.1346$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4835.68	0.0007	P	2.8
2	☐	0.100	0.073	7265.81	0.0011	P	2.4
3	☐	1.000	0.905	35208.19	0.0054	P	1.1
4	☐	50.000	48.565	1669672.90	0.2514	P	0.3
5	☐	125.000	122.455	4148992.06	0.6329	P	0.3
6	☐	250.000	247.797	8483981.31	1.2800	P	0.4
7	☐	500.000	492.149	16322803.81	2.5415	A	0.5
8	☐	1000.000	1004.866	32297844.53	5.1886	A	0.6
9	☐			58744.92	0.0110	P	1.4

$$y = 0.0052 * x + 7.1903E-004$$

$$R = 1.0000$$

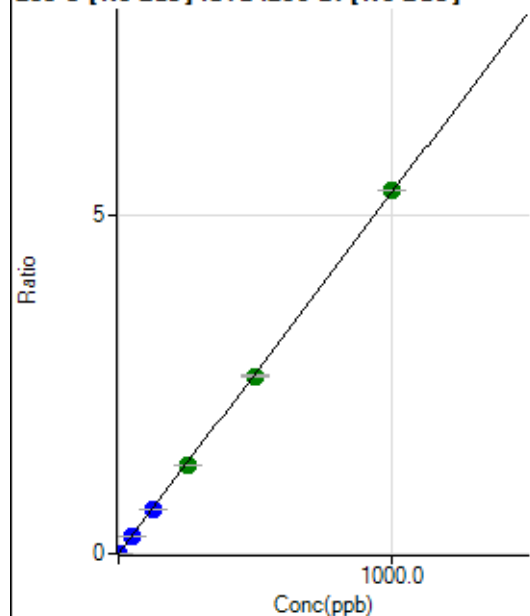
$$DL = 0.01169$$

$$BEC = 0.1393$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2605.94	0.0004	P	4.7
2	☐	0.100	0.073	5123.48	0.0008	P	11.9
3	☐	1.000	0.911	34207.46	0.0052	P	1.0
4	☐	50.000	47.253	1673835.61	0.2521	P	0.2
5	☐	125.000	121.839	4256352.35	0.6493	P	0.8
6	☐	250.000	244.518	8634507.14	1.3027	A	1.0
7	☐	500.000	492.675	16855620.34	2.6245	A	0.6
8	☐	1000.000	1005.566	33341645.19	5.3562	A	0.2
9	☐			6368.55	0.0012	P	3.6

$$y = 0.0053 * x + 3.8756E-004$$

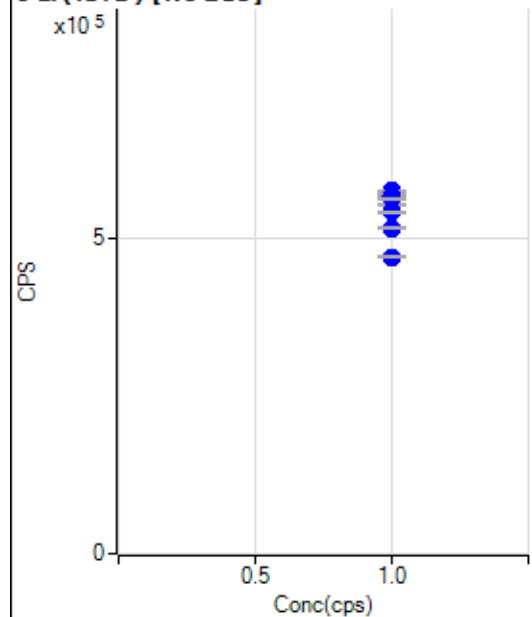
$$R = 0.9999$$

$$DL = 0.01034$$

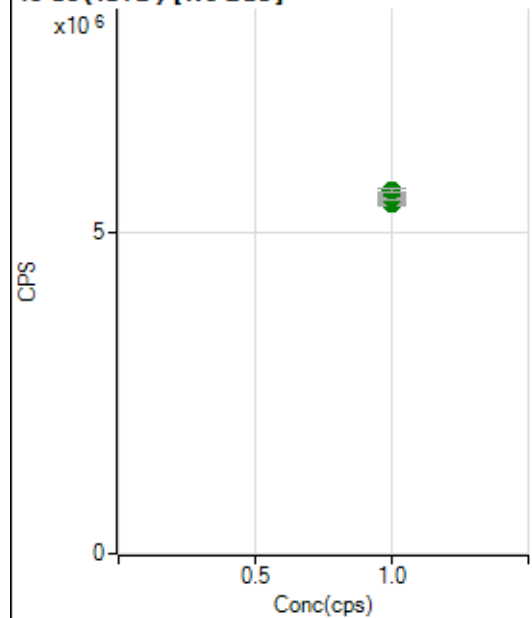
$$BEC = 0.07276$$

Weight: <None>

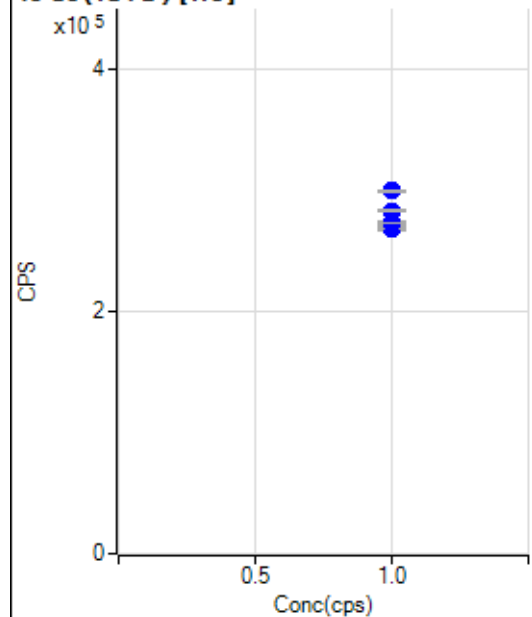
Min Conc: 0

6 Li (ISTD) [No Gas]

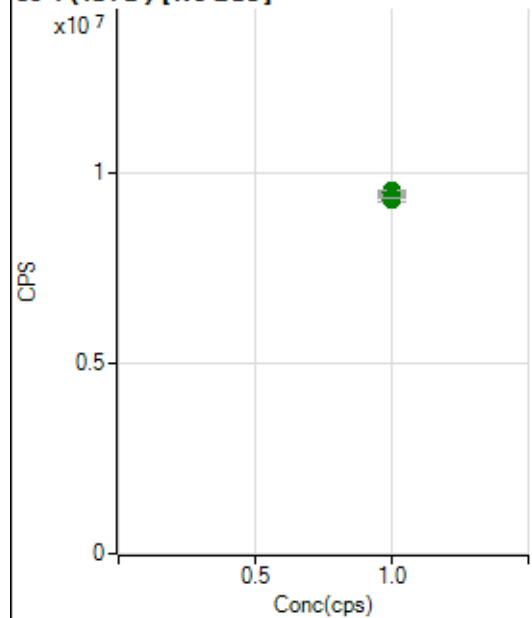
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		572698.59		P	0.5
2	☐	1.000		574034.53		P	0.8
3	☐	1.000		563619.43		P	1.1
4	☐	1.000		565733.77		P	0.7
5	☐	1.000		553276.63		P	0.6
6	☐	1.000		561546.21		P	0.5
7	☐	1.000		540393.66		P	0.7
8	☐	1.000		515444.43		P	0.2
9	☐	1.000		470062.32		P	0.1

45 Sc (ISTD) [No Gas]

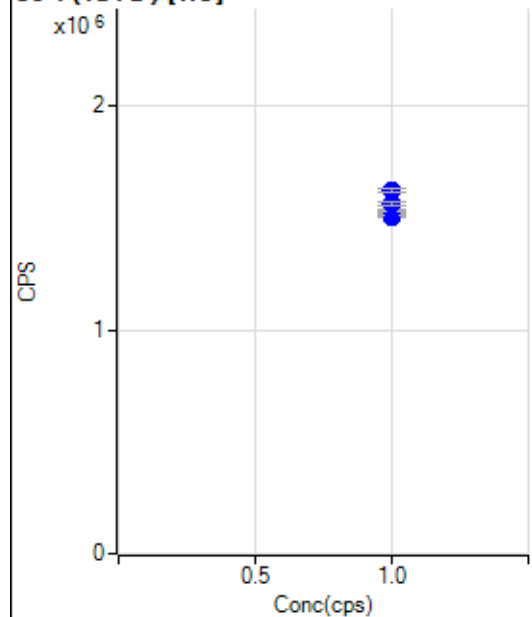
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5571366.31		A	0.5
2	☐	1.000		5523569.65		A	1.1
3	☐	1.000		5451843.78		A	1.1
4	☐	1.000		5521057.07		A	1.5
5	☐	1.000		5483601.60		A	1.0
6	☐	1.000		5512635.06		A	0.2
7	☐	1.000		5425768.35		A	0.6
8	☐	1.000		5515358.41		A	0.7
9	☐	1.000		5637900.39		A	1.1

45 Sc (ISTD) [He]

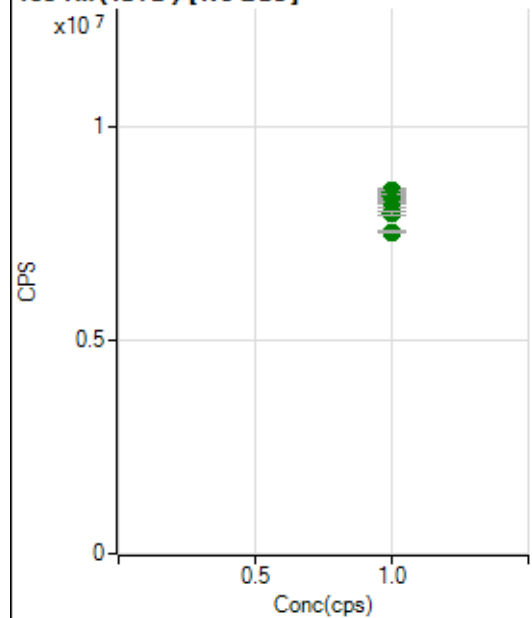
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		273745.54		P	0.3
2	☐	1.000		268362.63		P	0.9
3	☐	1.000		270298.21		P	0.7
4	☐	1.000		269337.37		P	0.6
5	☐	1.000		269652.49		P	0.5
6	☐	1.000		269544.73		P	0.7
7	☐	1.000		272935.21		P	0.5
8	☐	1.000		282709.07		P	0.6
9	☐	1.000		299477.71		P	0.7

89 Y (ISTD) [No Gas]

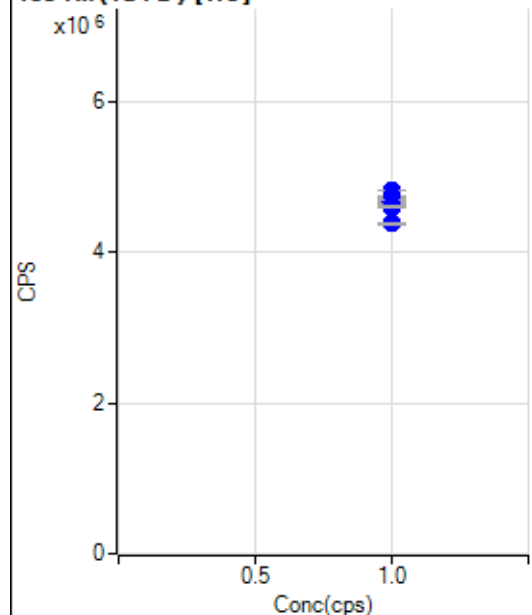
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9503279.37		A	0.9
2	☐	1.000		9440415.69		A	0.9
3	☐	1.000		9303224.72		A	1.2
4	☐	1.000		9435638.26		A	0.3
5	☐	1.000		9376652.43		A	0.6
6	☐	1.000		9533315.07		A	0.4
7	☐	1.000		9359215.97		A	0.1
8	☐	1.000		9484534.79		A	1.0
9	☐	1.000		9352097.92		A	0.2

89 Y(ISTD) [He]

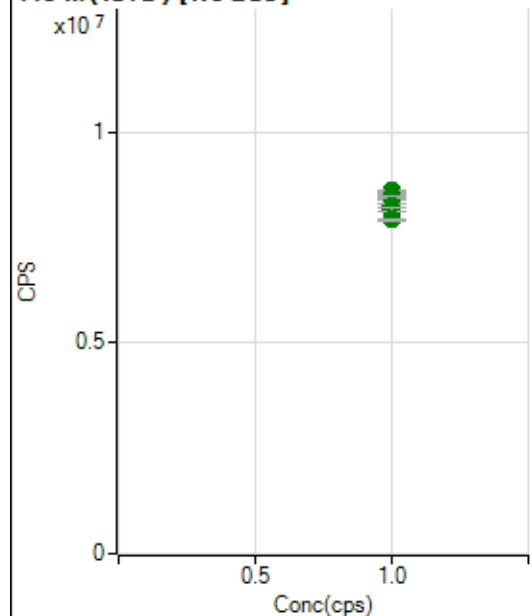
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1536537.04		P	0.2
2	☐	1.000		1508389.49		P	0.8
3	☐	1.000		1522363.10		P	0.3
4	☐	1.000		1519264.37		P	1.0
5	☐	1.000		1519504.34		P	0.5
6	☐	1.000		1517653.03		P	0.4
7	☐	1.000		1536042.82		P	0.5
8	☐	1.000		1565701.14		P	0.8
9	☐	1.000		1622757.86		P	1.0

103 Rh(ISTD) [No Gas]

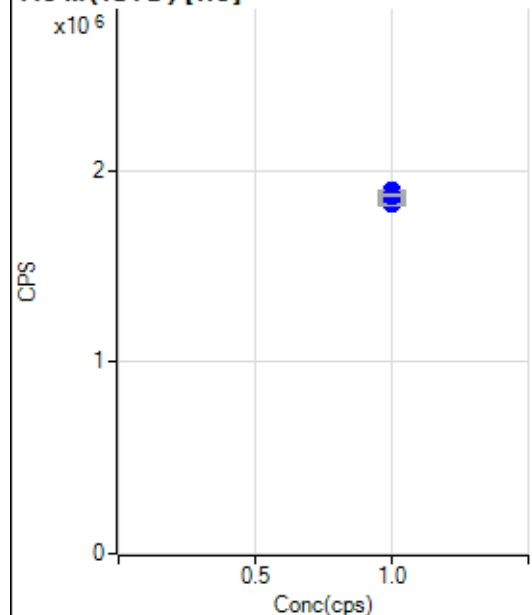
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8502147.24		A	1.0
2	☐	1.000		8472326.67		A	0.6
3	☐	1.000		8341098.28		A	1.2
4	☐	1.000		8375871.02		A	0.9
5	☐	1.000		8226705.30		A	0.2
6	☐	1.000		8256490.98		A	0.1
7	☐	1.000		8098849.40		A	0.2
8	☐	1.000		7992315.02		A	1.0
9	☐	1.000		7544328.73		A	0.5

103 Rh (ISTD) [He]

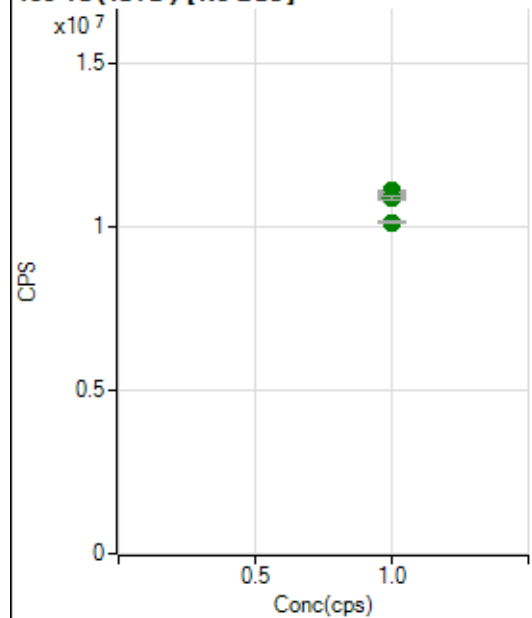
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4813169.27		P	0.1
2	☐	1.000		4689339.03		P	0.8
3	☐	1.000		4746637.47		P	0.2
4	☐	1.000		4701205.31		P	0.8
5	☐	1.000		4691736.77		P	0.2
6	☐	1.000		4666108.96		P	1.1
7	☐	1.000		4623532.64		P	1.1
8	☐	1.000		4598304.52		P	0.5
9	☐	1.000		4376663.76		P	0.9

115 In (ISTD) [No Gas]

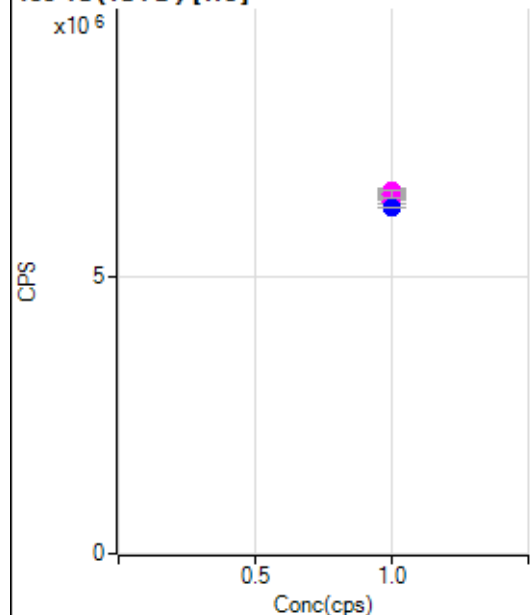
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8592583.21		A	0.4
2	☐	1.000		8606330.54		A	0.8
3	☐	1.000		8480531.22		A	1.1
4	☐	1.000		8500198.82		A	0.5
5	☐	1.000		8450908.28		A	0.9
6	☐	1.000		8464573.16		A	0.2
7	☐	1.000		8266126.63		A	1.1
8	☐	1.000		8163018.37		A	0.9
9	☐	1.000		7932703.01		A	0.5

115 In (ISTD) [He]

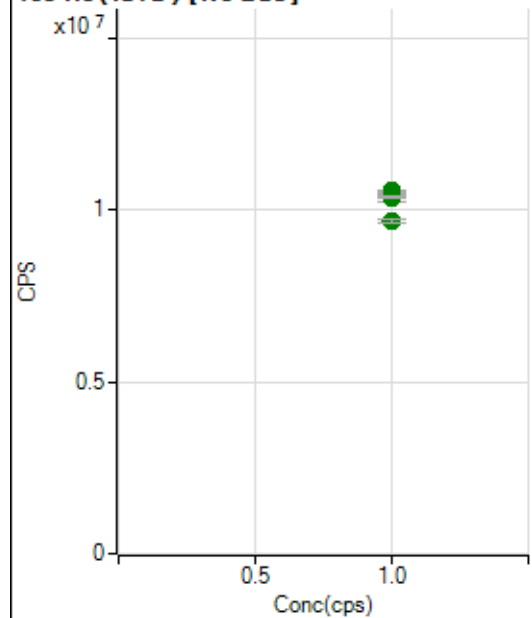
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1892700.39		P	0.2
2	☐	1.000		1852475.64		P	0.5
3	☐	1.000		1866059.72		P	0.1
4	☐	1.000		1856656.53		P	0.8
5	☐	1.000		1861755.26		P	0.4
6	☐	1.000		1845373.26		P	0.4
7	☐	1.000		1832780.25		P	0.6
8	☐	1.000		1823030.45		P	0.8
9	☐	1.000		1869796.70		P	0.5

159 Tb (ISTD) [No Gas]

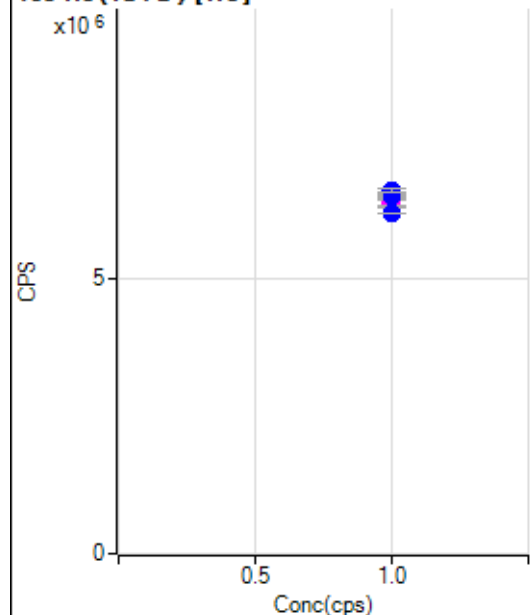
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11104363.45		A	0.7
2	☐	1.000		10969569.84		A	0.4
3	☐	1.000		10880142.06		A	1.3
4	☐	1.000		10990154.42		A	0.7
5	☐	1.000		10948183.03		A	0.8
6	☐	1.000		11044372.75		A	0.7
7	☐	1.000		10897310.12		A	0.5
8	☐	1.000		10891515.26		A	0.7
9	☐	1.000		10149036.79		A	0.1

159 Tb (ISTD) [He]

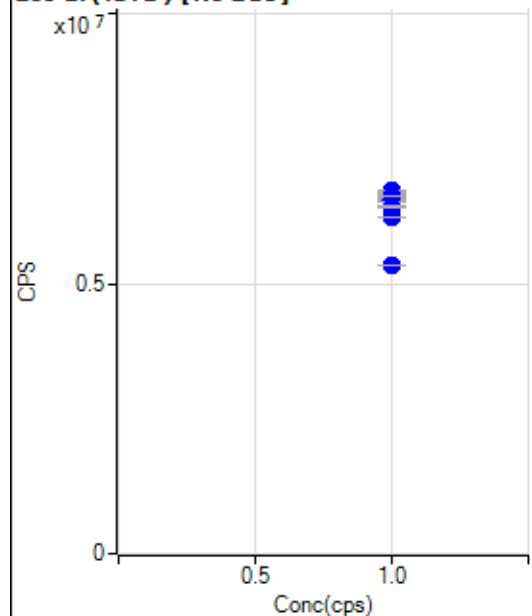
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6529133.65		M	1.2
2	☐	1.000		6385723.72		M	0.8
3	☐	1.000		6457886.08		M	1.0
4	☐	1.000		6347355.04		M	1.3
5	☐	1.000		6522057.13		P	0.5
6	☐	1.000		6497079.42		M	1.8
7	☐	1.000		6469751.57		M	1.4
8	☐	1.000		6469148.31		M	1.7
9	☐	1.000		6230781.23		P	0.4

165 Ho (ISTD) [No Gas]

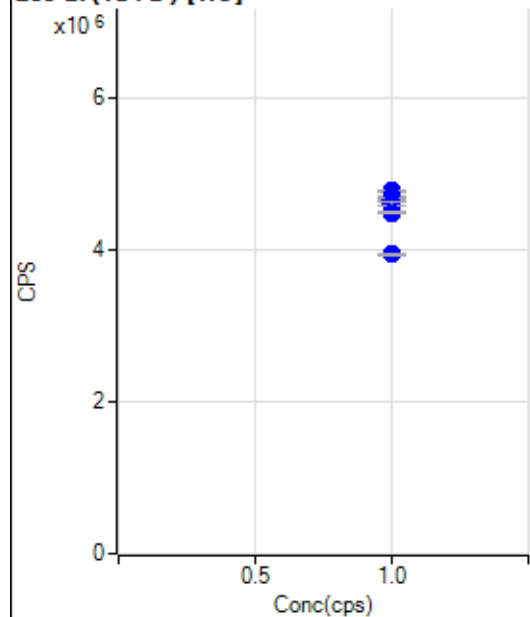
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10560753.45		A	0.5
2	☐	1.000		10468318.55		A	0.7
3	☐	1.000		10337407.53		A	1.4
4	☐	1.000		10511998.41		A	0.5
5	☐	1.000		10497199.19		A	0.4
6	☐	1.000		10540818.73		A	0.3
7	☐	1.000		10460094.07		A	0.1
8	☐	1.000		10375804.48		A	0.6
9	☐	1.000		9675696.66		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6488837.40		M	1.7
2	☐	1.000		6376354.98		M	2.0
3	☐	1.000		6517416.71		P	0.1
4	☐	1.000		6405134.77		M	2.7
5	☐	1.000		6521006.50		P	0.2
6	☐	1.000		6571221.98		P	0.4
7	☐	1.000		6575311.85		P	0.5
8	☐	1.000		6604966.08		P	1.0
9	☐	1.000		6200839.42		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6724884.97		P	0.6
2	☐	1.000		6626656.92		P	0.9
3	☐	1.000		6531692.61		P	0.4
4	☐	1.000		6640372.47		P	0.9
5	☐	1.000		6555369.14		P	0.9
6	☐	1.000		6627985.11		P	0.1
7	☐	1.000		6422500.67		P	0.5
8	☐	1.000		6224829.28		P	0.1
9	☐	1.000		5343516.83		P	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4783323.37		P	0.2
2	☐	1.000		4671502.57		P	1.0
3	☐	1.000		4709379.51		P	0.4
4	☐	1.000		4657621.91		P	1.1
5	☐	1.000		4672580.90		P	0.4
6	☐	1.000		4663780.45		P	0.9
7	☐	1.000		4615141.46		P	1.0
8	☐	1.000		4492963.89		P	0.8
9	☐	1.000		3945749.70		P	0.6