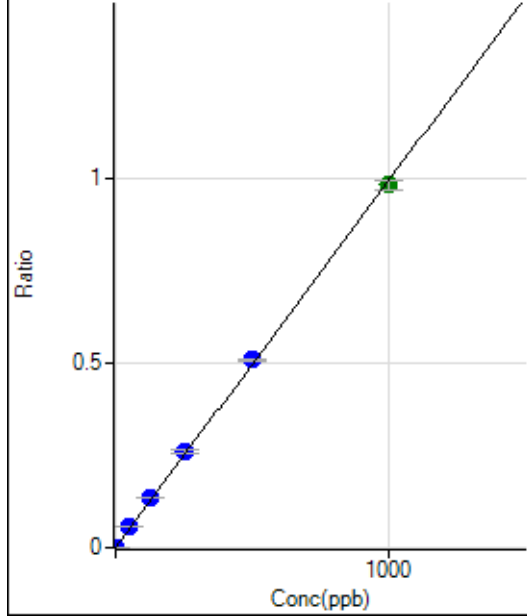


Calibration for 055SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7050524-PS5.b\
 Analysis File: P7050524-PS5.batch.bin
 DA Date-Time: 2024-05-05 23:38:30
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-05-05 14:32:19
2	006CALS.d	S02	2024-05-05 14:38:52
3	007CALS.d	S03	2024-05-05 14:42:07
4	008CALS.d	S04	2024-05-05 14:45:12
5	009CALS.d	S05	2024-05-05 14:48:05
6	010CALS.d	S06	2024-05-05 14:50:55
7	011CALS.d	S07	2024-05-05 14:53:40
8	012CALS.d	S08	2024-05-05 14:56:28

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0000	P	14.8
2	☐	1.000	1.062	2097.94	0.0011	P	5.9
3	☐	50.000	55.966	106480.09	0.0556	P	2.7
4	☐	125.000	135.433	253143.82	0.1346	P	1.5
5	☐	250.000	261.224	481286.10	0.2596	P	3.2
6	☐	500.000	512.857	920768.06	0.5097	P	1.1
7	☐	1000.000	989.163	1680428.81	0.9830	A	2.5
8	☐			900.04	0.0005	P	17.9

$$y = 9.9369\text{E-}004 * x + 3.5930\text{E-}005$$

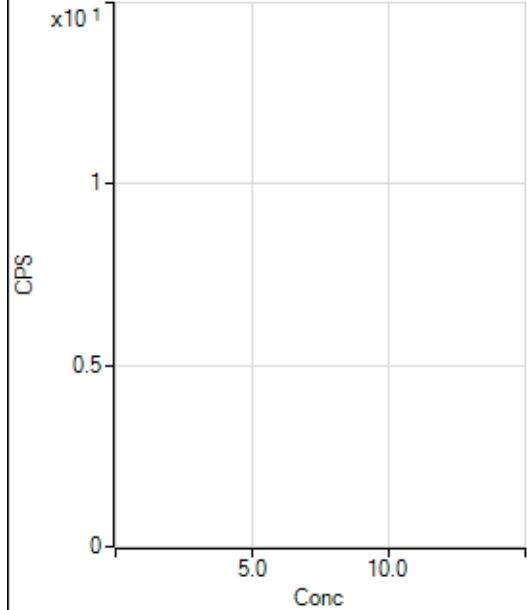
$$R = 0.9998$$

$$DL = 0.01606$$

$$BEC = 0.03616$$

Weight: <None>

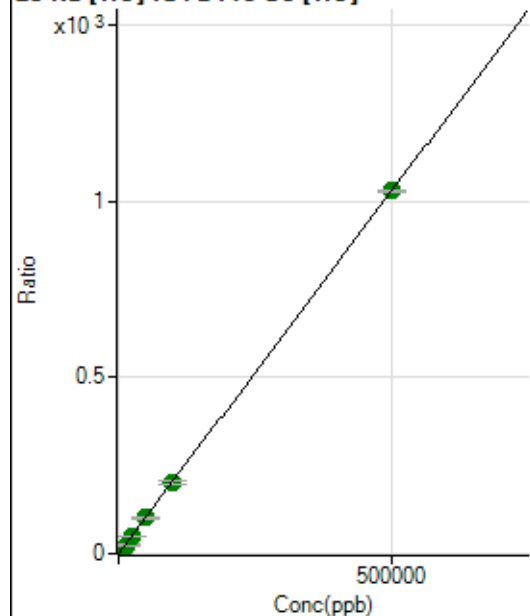
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32186.96	0.0983	P	0.5
2	☐	500.000	468.767	350334.44	1.0618	P	1.1
3	☐	5000.000	4946.806	3251978.81	10.2664	A	0.7
4	☐	12500.000	11733.083	7697590.79	24.2156	A	4.2
5	☐	25000.000	24382.223	14911348.25	50.2160	A	0.8
6	☐	50000.000	49825.584	29031475.96	102.5148	A	5.4
7	☐	100000.00	99100.636	57306269.70	203.7998	A	5.5
8	☐	500000.00	500247.93	293974973.4	1,028.358	A	0.6

$$y = 0.0021 * x + 0.0983$$

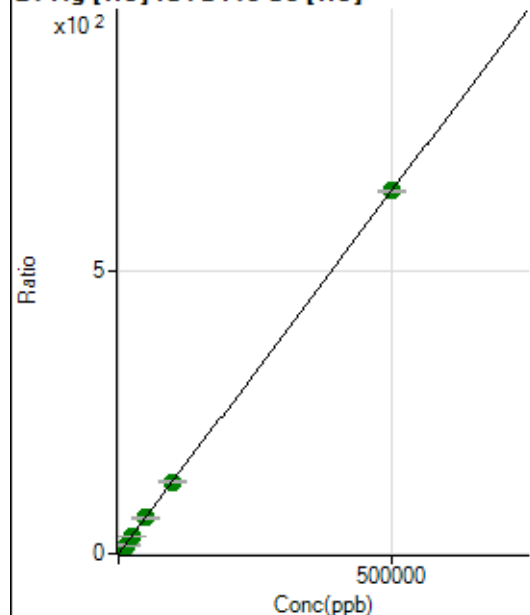
$$R = 1.0000$$

$$DL = 0.7633$$

$$BEC = 47.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	583.35	0.0018	P	5.3
2	☐	500.000	470.845	200077.80	0.6064	P	0.4
3	☐	5000.000	5003.673	2035840.45	6.4270	A	0.4
4	☐	12500.000	11722.819	4785686.87	15.0552	A	4.2
5	☐	25000.000	24593.922	9378529.72	31.5831	A	0.6
6	☐	50000.000	49875.025	18140043.34	64.0468	A	4.9
7	☐	100000.00	99228.670	35840665.30	127.4223	A	4.5
8	☐	500000.00	500206.48	183617730.6	642.3218	A	0.7

$$y = 0.0013 * x + 0.0018$$

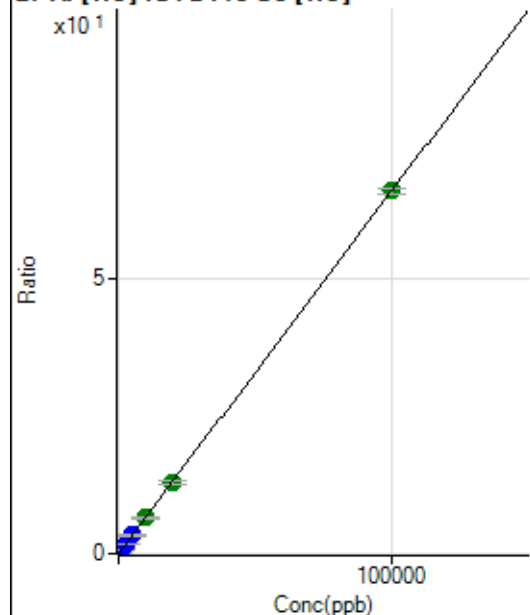
$$R = 1.0000$$

$$DL = 0.2189$$

$$BEC = 1.387$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.23	0.0006	P	10.1
2	☐	20.000	18.359	4209.50	0.0128	P	3.0
3	☐	1000.000	1038.519	217735.28	0.6874	P	0.6
4	☐	2500.000	2442.003	513693.98	1.6155	P	2.8
5	☐	5000.000	5049.860	991779.47	3.3400	P	1.0
6	☐	10000.000	9926.949	1859138.39	6.5651	A	5.6
7	☐	20000.000	19612.821	3647227.20	12.9702	A	5.4
8	☐	100000.00	100083.31	18919323.75	66.1839	A	1.3

$$y = 6.6128E-004 * x + 6.1739E-004$$

$$R = 1.0000$$

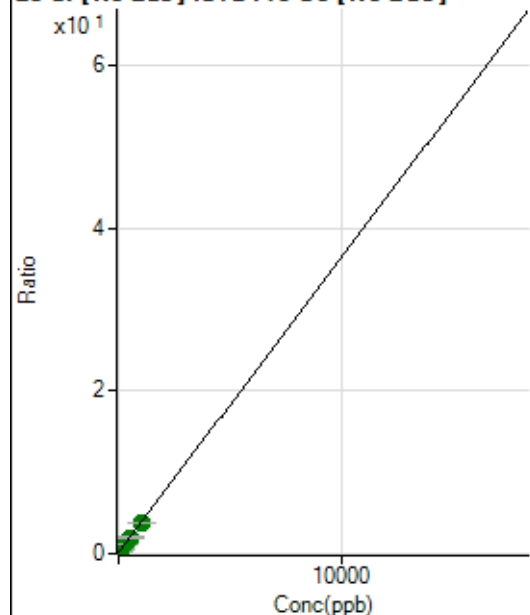
$$DL = 0.2821$$

$$BEC = 0.9336$$

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	661205.08	0.1568	P	1.3
2	☐	10.000	2.381	687329.18	0.1654	P	0.9
3	☐	50.000	64.597	1607785.27	0.3906	A	2.0
4	☐	125.000	146.030	2692037.37	0.6852	A	1.0
5	☐	250.000	267.058	4336081.81	1.1232	A	2.7
6	☐	500.000	511.546	7592853.77	2.0079	A	0.5
7	☐	1000.000	986.680	13748238.27	3.7273	A	1.0
8	☐			820944.75	0.2227	P	2.8

$$y = 0.0036 * x + 0.1568$$

$$R = 0.9994$$

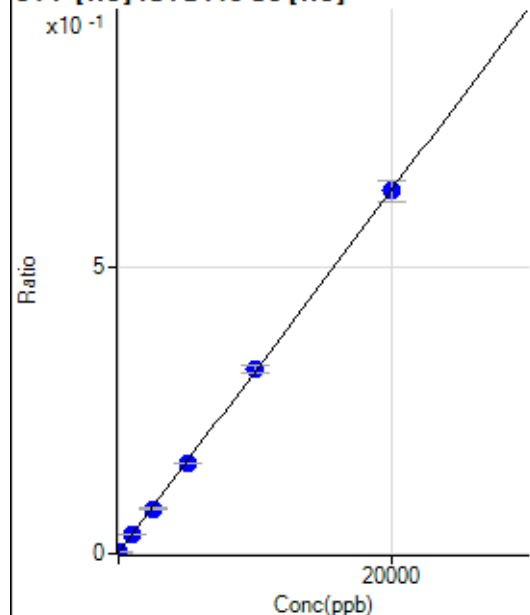
$$DL = 1.722$$

$$BEC = 43.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-13.773	491.12	0.0015	P	13.0
2	☐	0.000	13.773	782.25	0.0024	P	5.5
3	☐	1000.000	1034.922	10995.13	0.0347	P	1.4
4	☐	2500.000	2406.706	24852.43	0.0782	P	2.6
5	☐	5000.000	4946.867	47097.74	0.1586	P	0.6
6	☐	10000.000	10127.538	91398.18	0.3227	P	4.5
7	☐	20000.000	19959.430	178266.96	0.6340	P	5.8
8	☐			581.13	0.0020	P	14.2

$$y = 3.1669E-005 * x + 0.0019$$

$$R = 1.0000$$

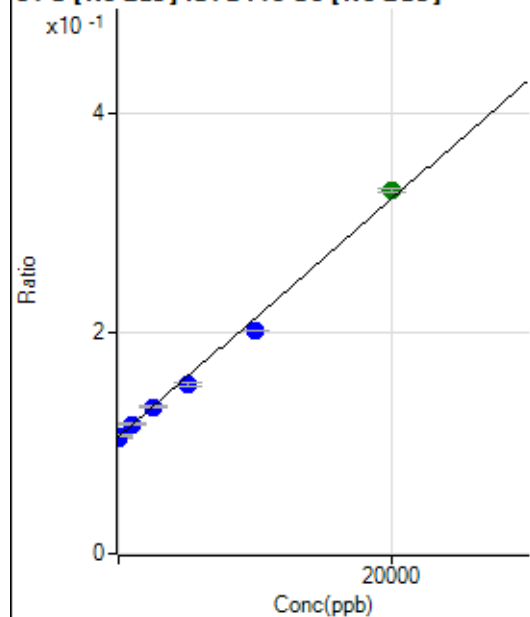
$$DL = 15.34$$

$$BEC = 61.09$$

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	-67.115	444846.59	0.1055	P	1.2
2	☐	0.000	67.115	444335.40	0.1069	P	0.9
3	☐	1000.000	997.801	481558.42	0.1170	P	1.3
4	☐	2500.000	2508.837	523475.90	0.1333	P	1.7
5	☐	5000.000	4372.451	592018.32	0.1533	P	1.8
6	☐	10000.000	8963.553	766952.14	0.2028	P	0.2
7	☐	20000.000	20674.116	1213617.54	0.3290	A	1.2
8	☐			392951.70	0.1066	P	1.2

$$y = 1.0778\text{E-}005 * x + 0.1062$$

$$R = 0.9974$$

$$DL = 300.6$$

$$BEC = 9855$$

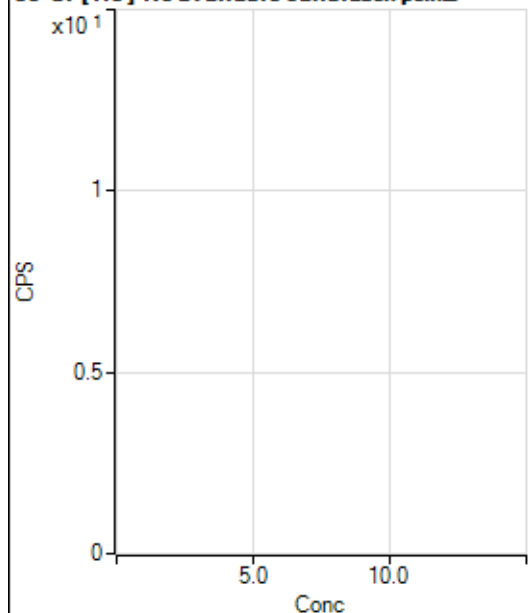
Weight: <None>

Min Conc: 0

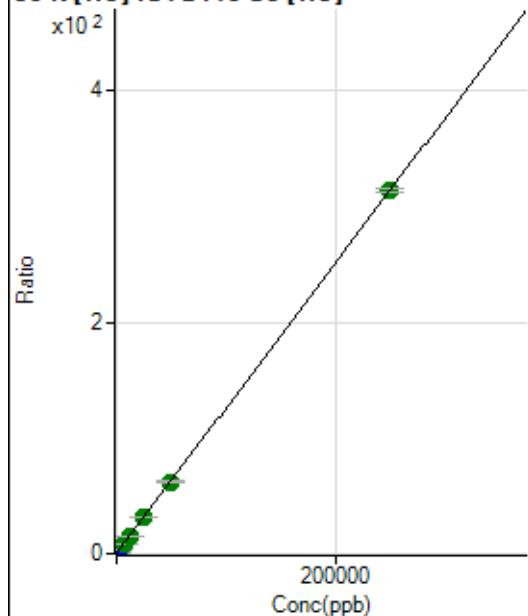
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102599.17	0.3132	P	0.8
2	☐	500.000	471.006	297933.81	0.9030	P	0.6
3	☐	2500.000	2678.061	1161454.86	3.6666	P	0.3
4	☐	6250.000	5825.406	2419098.78	7.6077	A	2.8
5	☐	12500.000	11983.367	4548965.83	15.3187	A	0.5
6	☐	25000.000	24828.141	8896227.85	31.4028	A	4.1
7	☐	50000.000	49320.249	17459628.91	62.0716	A	4.3
8	☐	250000.00	250187.86	89645414.22	313.5965	A	1.0

$$y = 0.0013 * x + 0.3132$$

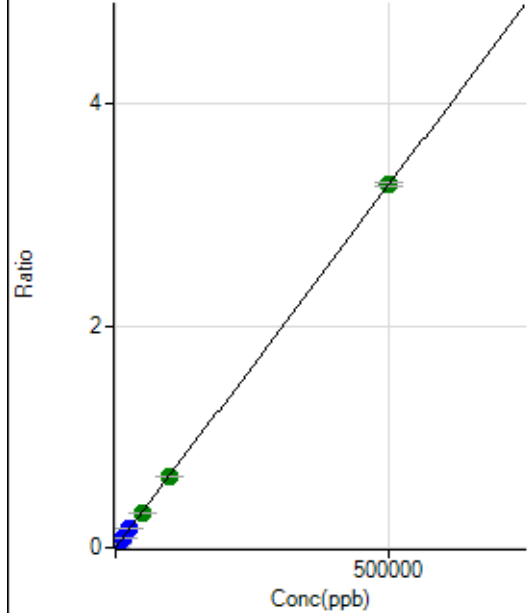
$$R = 1.0000$$

$$DL = 5.988$$

$$BEC = 250.1$$

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	408.81	0.0001	P	14.3
2	☐	500.000	483.392	13516.54	0.0033	P	1.4
3	☐	5000.000	5379.236	144987.63	0.0352	P	1.8
4	☐	12500.000	13374.788	343435.38	0.0874	P	1.0
5	☐	25000.000	25830.295	651450.85	0.1687	P	2.4
6	☐	50000.000	48526.017	1198401.89	0.3169	A	0.8
7	☐	100000.00	98030.086	2361063.04	0.6401	A	1.7
8	☐	500000.00	500474.22	12045389.46	3.2677	A	1.0

$$y = 6.5289\text{E-}006 * x + 9.6926\text{E-}005$$

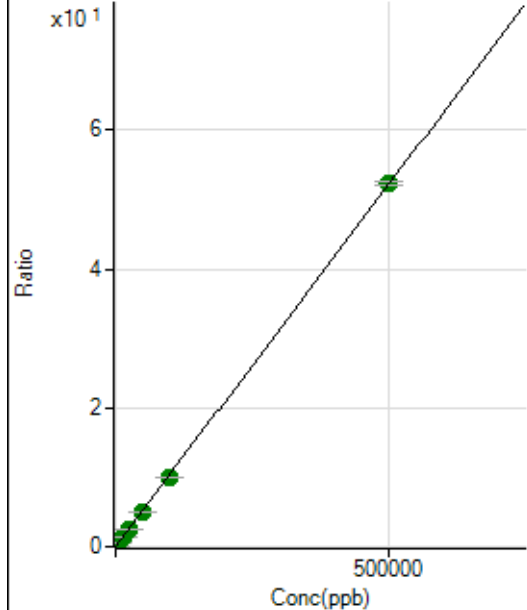
$$R = 1.0000$$

$$DL = 6.374$$

$$BEC = 14.85$$

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	22883.22	0.0054	P	3.0
2	☐	500.000	488.277	234070.71	0.0563	P	0.5
3	☐	5000.000	4926.189	2136538.24	0.5190	A	2.4
4	☐	12500.000	12204.884	5020097.59	1.2778	A	1.0
5	☐	25000.000	23876.235	9631467.16	2.4946	A	1.7
6	☐	50000.000	47656.073	18807887.37	4.9738	A	0.3
7	☐	100000.00	96076.910	36967065.23	10.0218	A	0.5
8	☐	500000.00	501083.32	192596916.4	52.2454	A	1.1

$$y = 1.0425\text{E-}004 * x + 0.0054$$

$$R = 1.0000$$

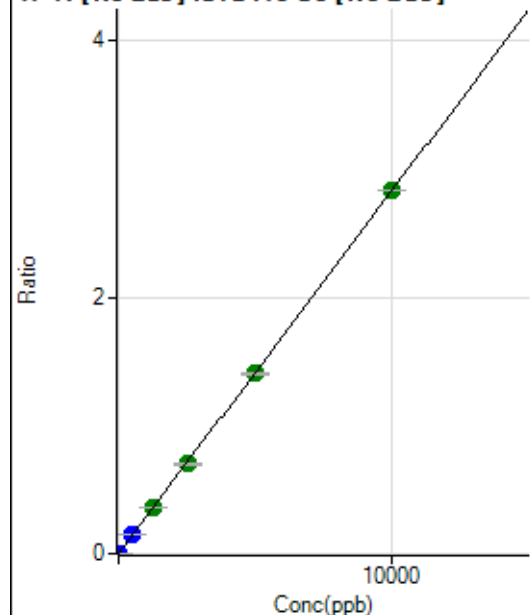
$$DL = 4.737$$

$$BEC = 52.06$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0000	P	26.0
2	☐	5.000	5.102	6097.95	0.0015	P	2.6
3	☐	500.000	530.266	616560.78	0.1498	P	2.1
4	☐	1250.000	1282.731	1423171.59	0.3623	A	1.7
5	☐	2500.000	2484.013	2708463.47	0.7015	A	1.7
6	☐	5000.000	4973.025	5310600.79	1.4044	A	1.1
7	☐	10000.000	10011.880	10429140.12	2.8274	A	0.1
8	☐			3985.02	0.0011	P	13.4

$$y = 2.8240\text{E-}004 * x + 2.6650\text{E-}005$$

$$R = 1.0000$$

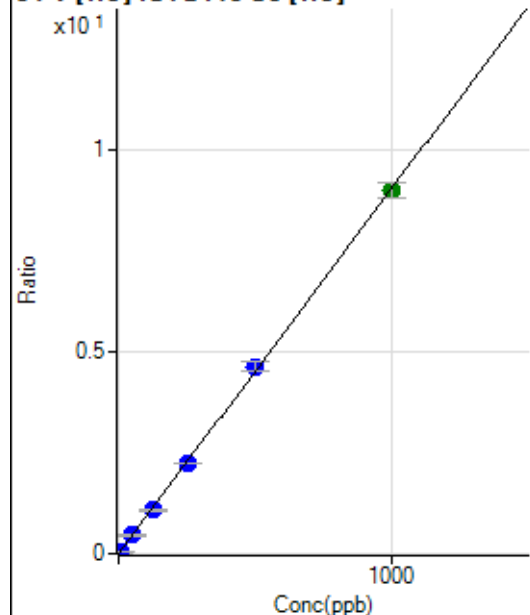
$$DL = 0.07358$$

$$BEC = 0.09437$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	23.4
2	☐	5.000	4.715	14054.41	0.0426	P	2.7
3	☐	50.000	50.132	143247.21	0.4522	P	0.6
4	☐	125.000	119.480	342614.45	1.0777	P	3.7
5	☐	250.000	248.576	665741.13	2.2420	P	1.3
6	☐	500.000	513.510	1311844.42	4.6316	P	4.8
7	☐	1000.000	994.286	2522522.46	8.9678	A	4.4
8	☐			1228.96	0.0043	P	2.3

$$y = 0.0090 * x + 6.7884\text{E-}005$$

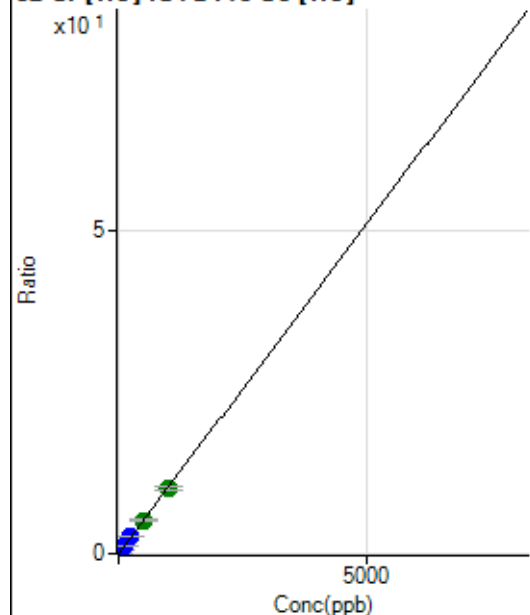
$$R = 0.9998$$

$$DL = 0.005276$$

$$BEC = 0.007527$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1588.99	0.0048	P	3.3
2	☐	2.000	1.845	7812.09	0.0237	P	1.5
3	☐	50.000	52.105	169916.85	0.5364	P	0.2
4	☐	125.000	122.960	400385.62	1.2593	P	3.2
5	☐	250.000	254.516	772468.20	2.6014	P	0.6
6	☐	500.000	502.376	1453476.75	5.1300	A	3.6
7	☐	1000.000	997.833	2864578.74	10.1845	A	4.6
8	☐			68107.21	0.2383	P	1.8

$$y = 0.0102 * x + 0.0048$$

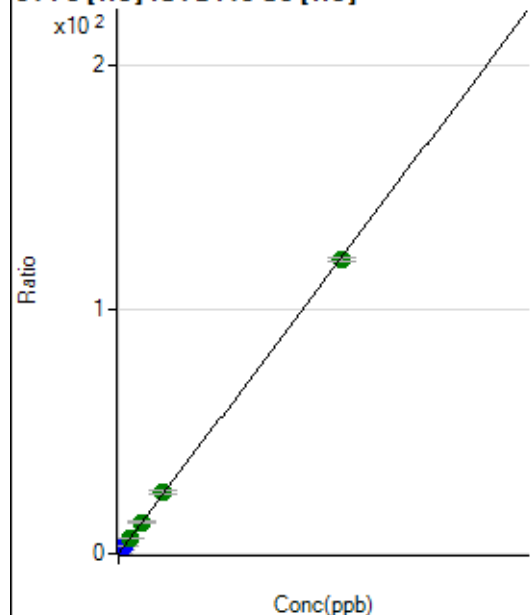
$$R = 1.0000$$

$$DL = 0.04712$$

$$BEC = 0.4754$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1685.67	0.0051	P	3.5
2	☐	50.000	52.633	10114.59	0.0307	P	3.4
3	☐	2500.000	2827.759	435773.93	1.3757	P	0.6
4	☐	6250.000	6702.101	1034360.95	3.2535	P	3.6
5	☐	12500.000	13014.261	1874656.03	6.3128	A	0.2
6	☐	25000.000	26671.712	3662686.89	12.9322	A	5.1
7	☐	50000.000	52081.405	7101316.70	25.2477	A	4.8
8	☐	250000.00	249376.25	34552085.60	120.8715	A	1.3

$$y = 4.8467E-004 * x + 0.0051$$

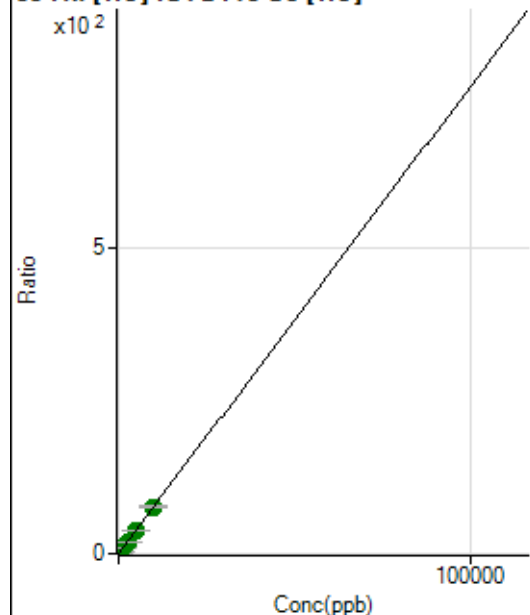
$$R = 1.0000$$

$$DL = 1.099$$

$$BEC = 10.62$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	474.46	0.0014	P	12.2
2	☐	1.000	0.858	2638.03	0.0080	P	5.3
3	☐	500.000	523.086	1265228.33	3.9942	P	0.3
4	☐	1250.000	1188.201	2884747.63	9.0710	A	2.3
5	☐	2500.000	2463.479	5583874.50	18.8053	A	1.4
6	☐	5000.000	5033.516	10884380.95	38.4225	A	4.2
7	☐	10000.000	9998.943	21463281.63	76.3238	A	5.2
8	☐			19603.97	0.0686	P	1.4

$$y = 0.0076 * x + 0.0014$$

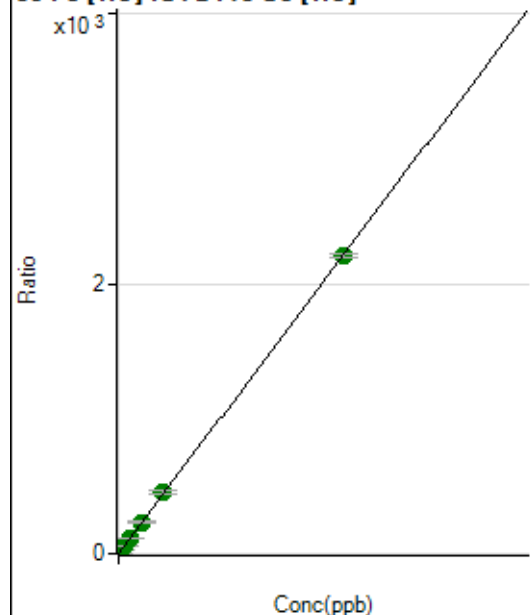
$$R = 1.0000$$

$$DL = 0.06949$$

$$BEC = 0.1897$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9816.62	0.0300	P	0.9
2	☐	50.000	50.337	156824.57	0.4753	P	0.3
3	☐	2500.000	2573.547	7221910.10	22.7988	A	0.4
4	☐	6250.000	6088.434	17137165.58	53.8960	A	3.0
5	☐	12500.000	12654.273	33253874.23	111.9857	A	0.5
6	☐	25000.000	25977.853	65104624.58	229.8629	A	4.9
7	☐	50000.000	51177.131	127341346.9	452.8076	A	5.0
8	☐	250000.00	249662.37	631417137.2	2,208.859	A	1.5

$$y = 0.0088 * x + 0.0300$$

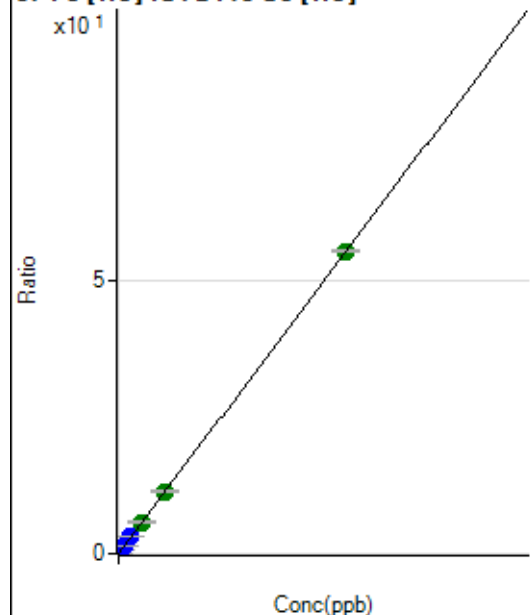
$$R = 1.0000$$

$$DL = 0.08651$$

$$BEC = 3.387$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	617.80	0.0019	P	8.2
2	☐	50.000	52.618	4460.70	0.0135	P	3.1
3	☐	2500.000	2780.852	195341.05	0.6167	P	0.5
4	☐	6250.000	6544.629	460592.08	1.4488	P	3.7
5	☐	12500.000	13585.097	892403.04	3.0053	P	0.8
6	☐	25000.000	26134.265	1637039.70	5.7797	A	4.8
7	☐	50000.000	51438.409	3198953.42	11.3740	A	4.7
8	☐	250000.00	249534.46	15771340.74	55.1694	A	0.5

$$y = 2.2108\text{E-}004 * x + 0.0019$$

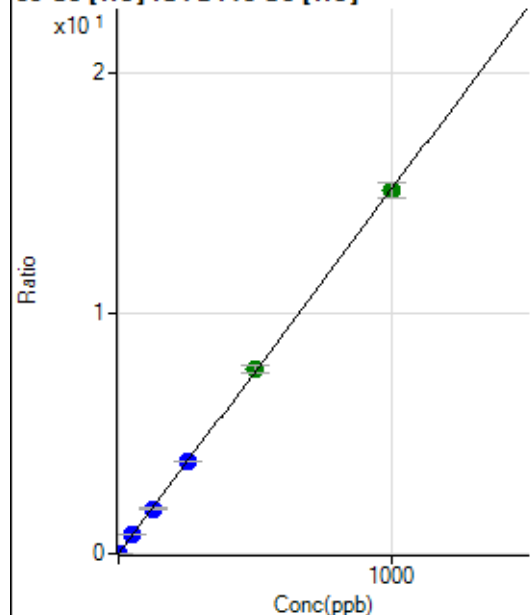
$$R = 1.0000$$

$$DL = 2.092$$

$$BEC = 8.533$$

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	108.89	0.0003	P	27.6
2	☐	1.000	1.008	5155.37	0.0156	P	3.7
3	☐	50.000	52.007	249994.46	0.7892	P	0.3
4	☐	125.000	122.981	593172.21	1.8658	P	3.6
5	☐	250.000	254.227	1145186.46	3.8566	P	0.9
6	☐	500.000	507.231	2179700.89	7.6944	A	4.2
7	☐	1000.000	995.480	4247699.45	15.1004	A	4.2
8	☐			13664.08	0.0478	P	0.7

$$y = 0.0152 * x + 3.3233\text{E-}004$$

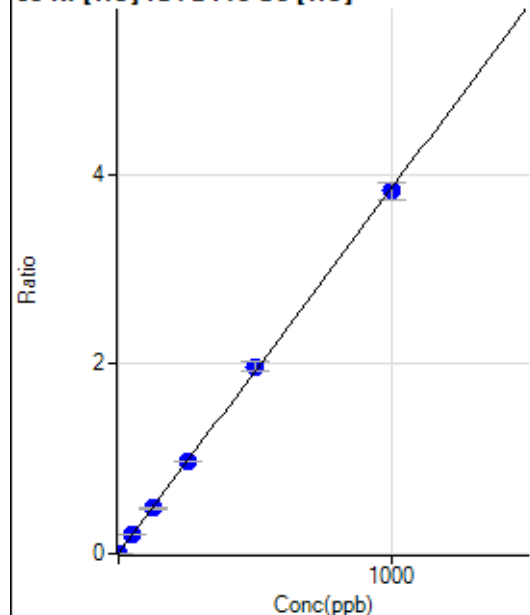
$$R = 0.9999$$

$$DL = 0.01812$$

$$BEC = 0.02191$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	785.59	0.0024	P	3.7
2	☐	1.000	1.052	2129.06	0.0065	P	2.6
3	☐	50.000	53.344	65899.39	0.2080	P	0.6
4	☐	125.000	123.444	152093.69	0.4783	P	2.7
5	☐	250.000	253.252	290614.59	0.9787	P	1.1
6	☐	500.000	512.292	560105.25	1.9773	P	4.5
7	☐	1000.000	993.068	1077369.24	3.8308	P	4.8
8	☐			17447.99	0.0610	P	1.8

$$y = 0.0039 * x + 0.0024$$

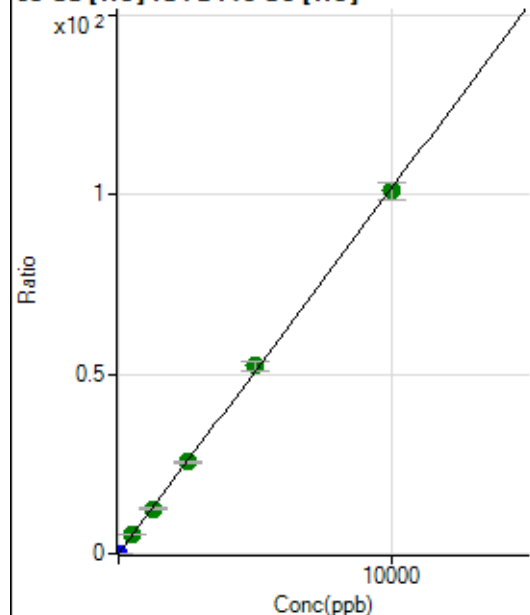
$$R = 0.9999$$

$$DL = 0.06916$$

$$BEC = 0.6219$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1819.02	0.0056	P	1.5
2	☐	2.000	1.929	8307.95	0.0252	P	1.8
3	☐	500.000	522.818	1686722.89	5.3247	A	0.6
4	☐	1250.000	1220.669	3950630.60	12.4247	A	3.2
5	☐	2500.000	2500.445	7555876.83	25.4453	A	0.7
6	☐	5000.000	5141.464	14818287.00	52.3152	A	4.7
7	☐	10000.000	9931.682	28419821.24	101.0512	A	4.9
8	☐			11871.46	0.0415	P	2.1

$$y = 0.0102 * x + 0.0056$$

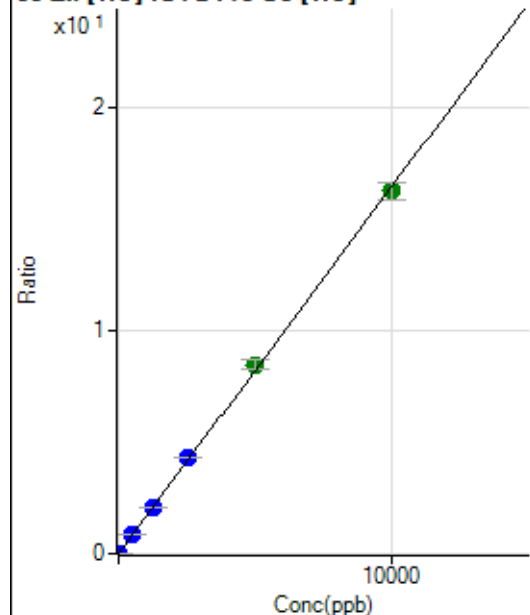
$$R = 0.9998$$

$$DL = 0.02444$$

$$BEC = 0.5457$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	855.59	0.0026	P	7.0
2	☐	5.000	4.458	3282.62	0.0099	P	3.3
3	☐	500.000	533.559	278962.25	0.8807	P	0.7
4	☐	1250.000	1263.704	662097.55	2.0822	P	2.9
5	☐	2500.000	2605.098	1273817.58	4.2897	P	0.6
6	☐	5000.000	5150.558	2401557.97	8.4786	A	4.8
7	☐	10000.000	9895.056	4580318.27	16.2864	A	4.9
8	☐			5854.53	0.0205	P	2.7

$$y = 0.0016 * x + 0.0026$$

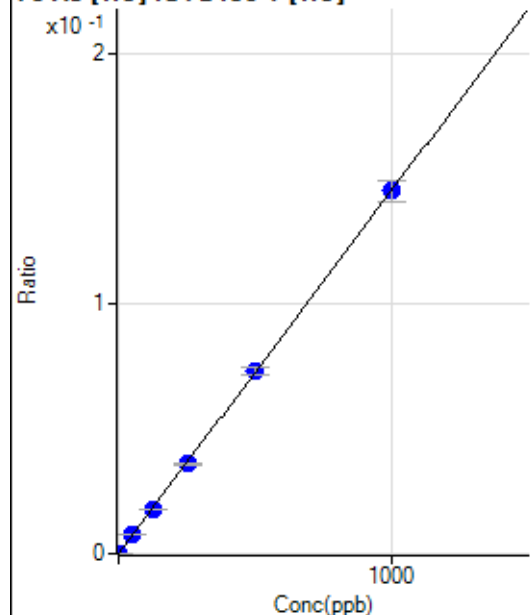
$$R = 0.9998$$

$$DL = 0.3343$$

$$BEC = 1.587$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	1.000	0.938	334.45	0.0001	P	15.9
3	☐	50.000	51.071	17507.06	0.0074	P	1.1
4	☐	125.000	121.453	41647.14	0.0176	P	2.6
5	☐	250.000	248.226	80660.87	0.0360	P	2.0
6	☐	500.000	503.003	157729.98	0.0729	P	4.2
7	☐	1000.000	999.332	309300.21	0.1449	P	6.1
8	☐			251.11	0.0001	P	6.0

$$y = 1.4500E-004 * x + 1.3880E-006$$

$$R = 1.0000$$

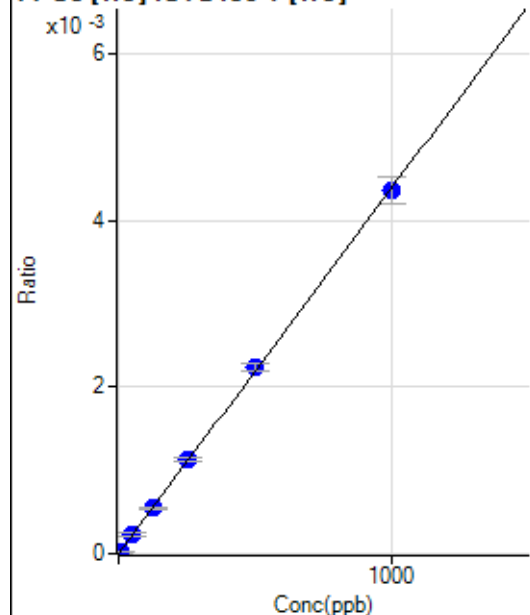
$$DL = 0.04974$$

$$BEC = 0.009572$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.708	62.22	0.0000	P	10.7
3	☐	50.000	51.710	537.79	0.0002	P	19.2
4	☐	125.000	124.598	1294.51	0.0005	P	3.9
5	☐	250.000	257.049	2530.24	0.0011	P	4.1
6	☐	500.000	510.461	4848.62	0.0022	P	4.1
7	☐	1000.000	992.968	9303.01	0.0044	P	7.4
8	☐			8.89	0.0000	P	21.4

$$y = 4.3910\text{E-}006 * x + 4.6221\text{E-}007$$

$$R = 0.9999$$

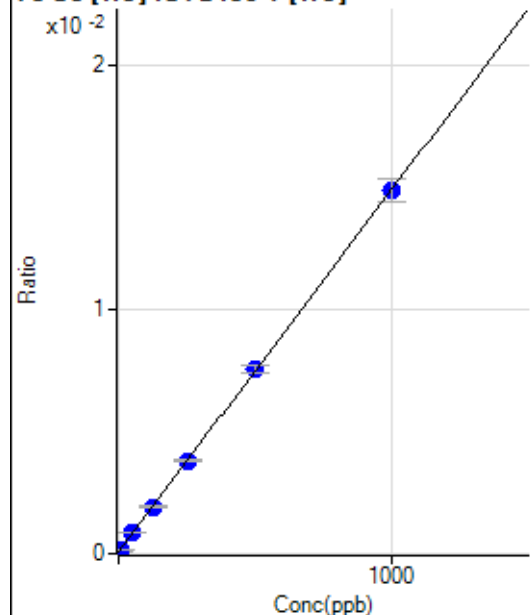
$$DL = 0.547$$

$$BEC = 0.1053$$

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	181.12	0.0001	P	6.5
2	☐	5.000	4.389	341.12	0.0001	P	15.5
3	☐	50.000	53.632	2059.05	0.0009	P	2.7
4	☐	125.000	124.349	4544.07	0.0019	P	2.3
5	☐	250.000	252.138	8559.22	0.0038	P	1.7
6	☐	500.000	504.158	16349.14	0.0076	P	4.2
7	☐	1000.000	997.289	31761.86	0.0149	P	6.4
8	☐			165.56	0.0001	P	16.5

$$y = 1.4847\text{E-}005 * x + 7.4869\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.9879$$

$$BEC = 5.043$$

Weight: <None>

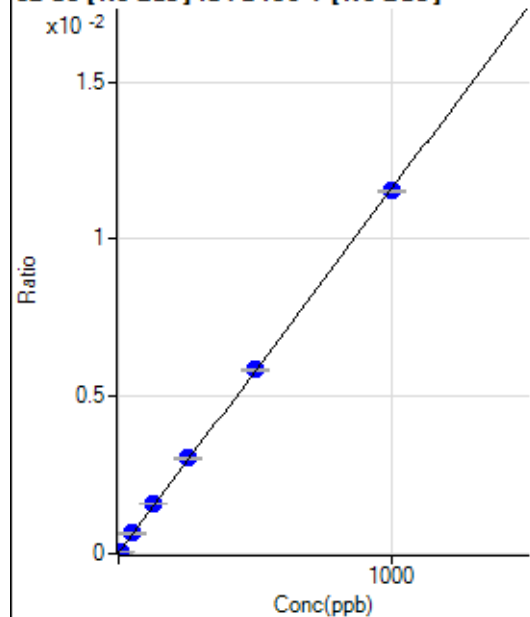
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20968.31		P	2.7
2	☐			20683.50		P	2.0
3	☐			20245.11		P	0.8
4	☐			18512.86		P	2.2
5	☐			17736.32		P	1.1
6	☐			18275.86		P	1.1
7	☐			18390.44		P	0.3
8	☐			18944.47		P	3.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	25.3
2	☐			67.78		P	18.6
3	☐			55.55		P	19.3
4	☐			54.44		P	3.5
5	☐			47.78		P	16.1
6	☐			60.00		P	16.7
7	☐			63.33		P	27.3
8	☐			58.89		P	13.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	254.08	0.0000	P	9.9
2	☐	5.000	5.439	950.12	0.0001	P	4.0
3	☐	50.000	53.819	7050.43	0.0006	P	2.8
4	☐	125.000	134.648	16667.20	0.0016	P	1.1
5	☐	250.000	259.804	31738.45	0.0030	P	2.5
6	☐	500.000	502.846	60634.29	0.0058	P	0.3
7	☐	1000.000	994.727	116711.23	0.0115	P	0.8
8	☐			347.37	0.0000	P	11.8

$$y = 1.1569\text{E-}005 * x + 2.3100\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.5939$$

$$BEC = 1.997$$

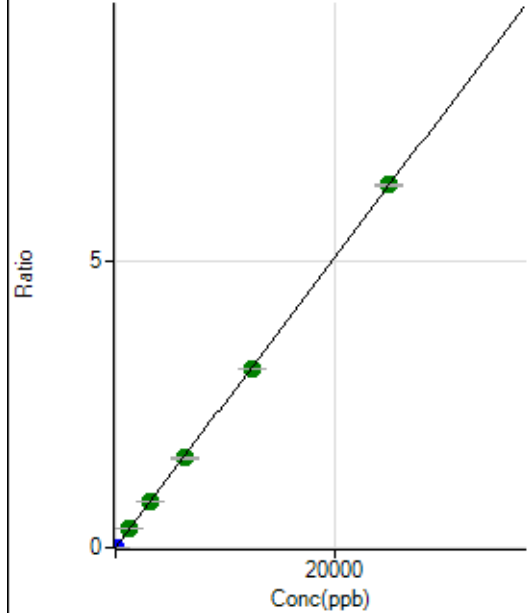
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			131.11		P	14.5
2	☐			121.11		P	10.4
3	☐			112.22		P	14.6
4	☐			126.67		P	2.6
5	☐			113.34		P	2.9
6	☐			121.11		P	15.2
7	☐			128.89		P	20.9
8	☐			130.00		P	12.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0000	P	16.4
2	☐	1.000	0.971	2954.77	0.0003	P	5.4
3	☐	1250.000	1275.127	3509654.32	0.3214	A	1.4
4	☐	3125.000	3199.721	8502341.33	0.8065	A	1.1
5	☐	6250.000	6196.738	16367205.03	1.5618	A	2.3
6	☐	12500.000	12344.510	32298718.41	3.1113	A	0.7
7	☐	25000.000	25080.464	63978308.49	6.3212	A	0.4
8	☐			19615.78	0.0020	P	20.0

$$y = 2.5203\text{E-}004 * x + 2.3036\text{E-}005$$

$$R = 1.0000$$

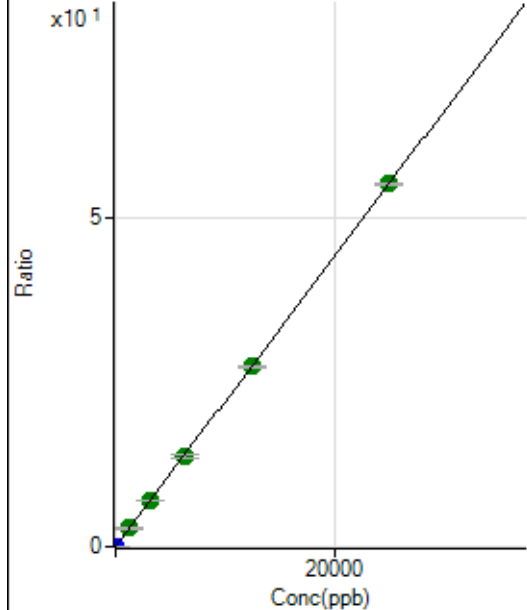
$$DL = 0.04492$$

$$BEC = 0.0914$$

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	232.22	0.0000	P	12.6
2	☐	1.000	0.976	23925.08	0.0022	P	1.8
3	☐	1250.000	1268.297	30458600.38	2.7892	A	1.2
4	☐	3125.000	3205.284	74316432.78	7.0490	A	0.8
5	☐	6250.000	6209.439	143073494.5	13.6556	A	3.5
6	☐	12500.000	12418.055	283509451.3	27.3095	A	0.6
7	☐	25000.000	25040.162	557363218.3	55.0676	A	0.7
8	☐			168956.40	0.0170	P	20.6

$$y = 0.0022 * x + 2.1099\text{E-}005$$

$$R = 1.0000$$

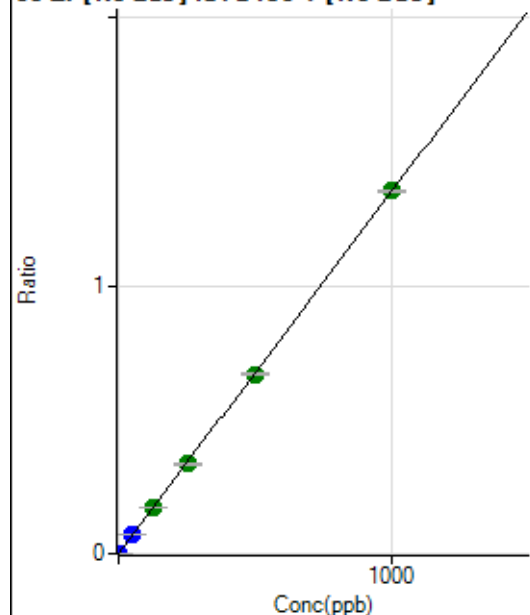
$$DL = 0.003622$$

$$BEC = 0.009594$$

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	492.24	0.0000	P	3.1
2	☐	1.000	0.936	14438.31	0.0013	P	1.9
3	☐	50.000	52.233	770469.99	0.0706	P	1.2
4	☐	125.000	128.801	1833600.25	0.1739	A	0.2
5	☐	250.000	247.191	3496803.18	0.3337	A	2.9
6	☐	500.000	496.141	6953262.68	0.6698	A	0.3
7	☐	1000.000	1002.045	13691243.68	1.3527	A	0.2
8	☐			9336.39	0.0009	P	8.2

$$y = 0.0013 * x + 4.4740E-005$$

$$R = 1.0000$$

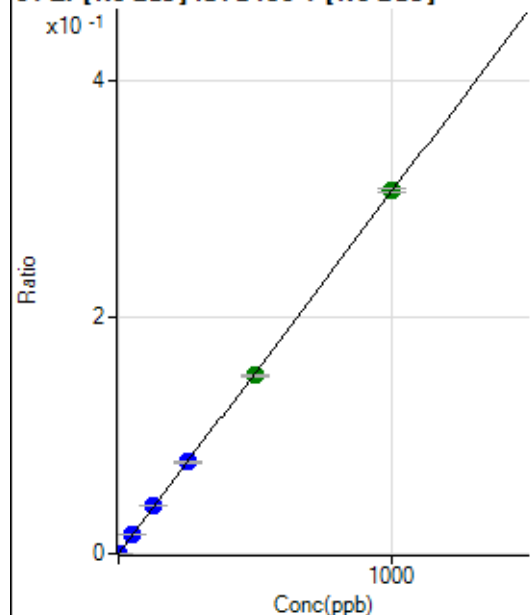
$$DL = 0.0031$$

$$BEC = 0.03314$$

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	86.67	0.0000	P	7.3
2	☐	1.000	0.929	3223.72	0.0003	P	3.2
3	☐	50.000	51.956	173663.49	0.0159	P	2.0
4	☐	125.000	130.729	421783.34	0.0400	P	0.6
5	☐	250.000	253.126	811549.21	0.0775	P	3.2
6	☐	500.000	491.892	1562457.34	0.1505	A	0.8
7	☐	1000.000	1002.459	3104333.25	0.3067	A	1.0
8	☐			2097.95	0.0002	P	11.3

$$y = 3.0597E-004 * x + 7.8755E-006$$

$$R = 0.9999$$

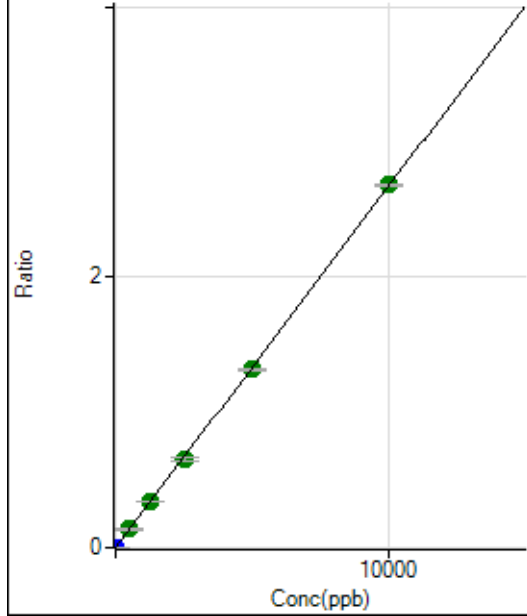
$$DL = 0.005628$$

$$BEC = 0.02574$$

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	277.78	0.0000	P	16.2
2	☐	5.000	5.550	16666.25	0.0015	P	1.9
3	☐	500.000	506.538	1479527.20	0.1355	A	1.5
4	☐	1250.000	1278.835	3605928.00	0.3420	A	0.2
5	☐	2500.000	2459.471	6891056.91	0.6578	A	4.0
6	☐	5000.000	4928.127	13681944.10	1.3179	A	0.5
7	☐	10000.000	10042.137	27181609.87	2.6856	A	0.5
8	☐			18637.58	0.0019	P	9.6

$$y = 2.6743E-004 * x + 2.5258E-005$$

$$R = 0.9999$$

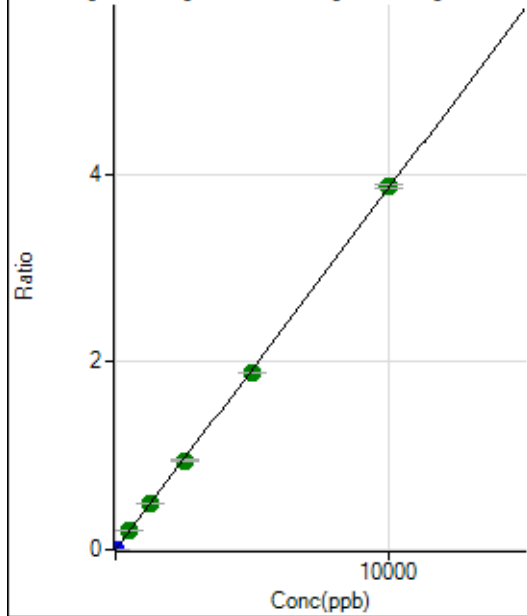
$$DL = 0.04587$$

$$BEC = 0.09445$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	226.67	0.0000	P	14.1
2	☐	5.000	4.765	20464.41	0.0019	P	1.2
3	☐	500.000	512.419	2152745.51	0.1971	A	1.4
4	☐	1250.000	1282.634	5202125.79	0.4934	A	0.2
5	☐	2500.000	2473.976	9971184.09	0.9517	A	3.3
6	☐	5000.000	4919.243	19644343.46	1.8923	A	0.1
7	☐	10000.000	10042.185	39097249.42	3.8629	A	1.2
8	☐			26503.15	0.0027	P	9.9

$$y = 3.8467E-004 * x + 2.0602E-005$$

$$R = 0.9999$$

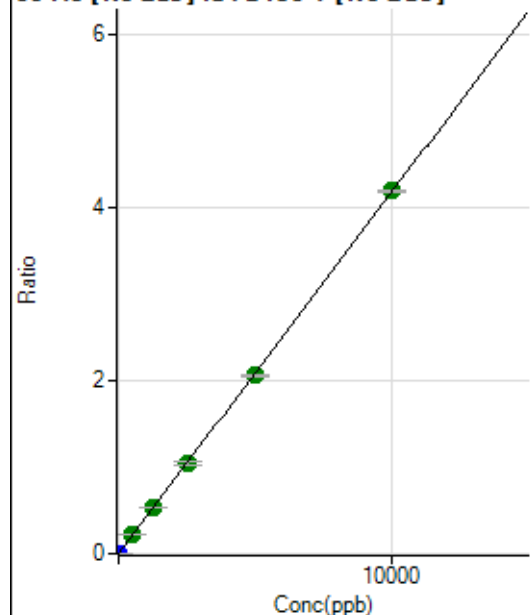
$$DL = 0.02258$$

$$BEC = 0.05356$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.23	0.0000	P	26.5
2	☐	5.000	4.911	22790.04	0.0021	P	2.0
3	☐	500.000	513.674	2346948.78	0.2150	A	2.5
4	☐	1250.000	1282.338	5657194.43	0.5366	A	1.2
5	☐	2500.000	2485.689	10897392.75	1.0401	A	3.5
6	☐	5000.000	4922.772	21384004.13	2.0599	A	1.0
7	☐	10000.000	10037.466	42510192.42	4.2001	A	0.8
8	☐			32371.56	0.0033	P	7.5

$$y = 4.1844\text{E-}004 * x + 9.2941\text{E-}006$$

$$R = 0.9999$$

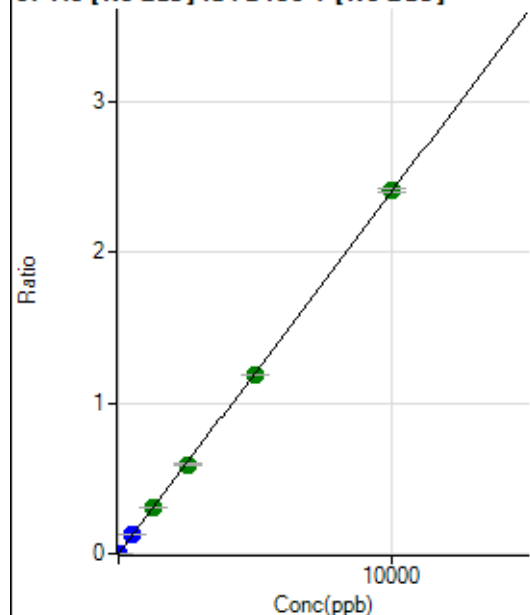
$$DL = 0.01769$$

$$BEC = 0.02221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64.45	0.0000	P	36.4
2	☐	5.000	4.736	12589.96	0.0011	P	2.1
3	☐	500.000	526.088	1376254.94	0.1260	P	1.3
4	☐	1250.000	1279.215	3230773.28	0.3064	A	0.9
5	☐	2500.000	2468.466	6195633.80	0.5913	A	3.3
6	☐	5000.000	4939.709	12284135.51	1.1833	A	0.5
7	☐	10000.000	10033.073	24325723.25	2.4034	A	1.0
8	☐			16211.38	0.0016	P	9.8

$$y = 2.3955\text{E-}004 * x + 5.8578\text{E-}006$$

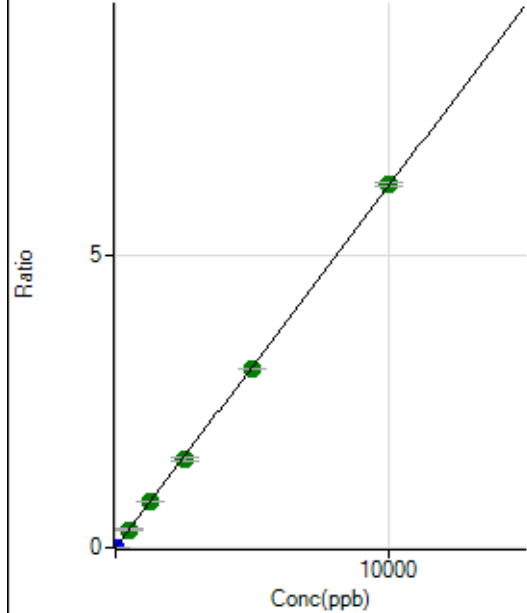
$$R = 1.0000$$

$$DL = 0.02673$$

$$BEC = 0.02445$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	15.6
2	☐	5.000	4.824	33152.10	0.0030	P	1.7
3	☐	500.000	505.019	3418628.00	0.3131	A	1.3
4	☐	1250.000	1266.451	8276671.68	0.7851	A	0.9
5	☐	2500.000	2455.910	15950588.24	1.5224	A	3.3
6	☐	5000.000	4947.713	31839024.53	3.0670	A	0.3
7	☐	10000.000	10034.859	62956461.84	6.2204	A	1.1
8	☐			41632.93	0.0042	P	10.0

$$y = 6.1987\text{E-}004 * x + 1.2124\text{E-}005$$

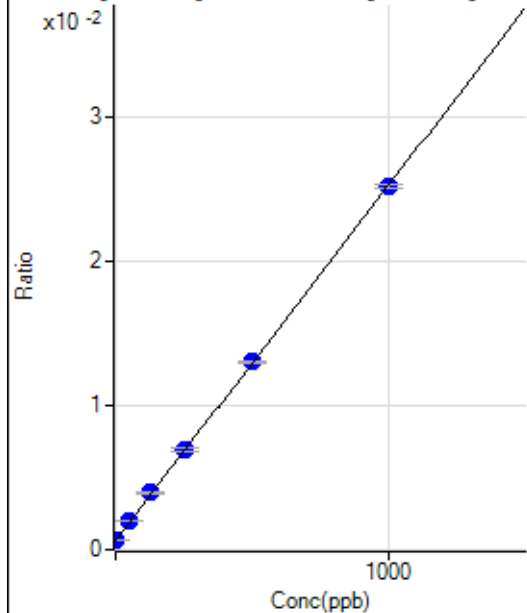
$$R = 1.0000$$

$$DL = 0.009146$$

$$BEC = 0.01956$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5933.49	0.0006	P	2.3
2	☐	1.000	1.122	6238.06	0.0007	P	2.9
3	☐	50.000	55.639	19001.42	0.0020	P	1.6
4	☐	125.000	134.862	36690.70	0.0040	P	2.7
5	☐	250.000	255.866	65008.95	0.0069	P	2.2
6	☐	500.000	502.575	121425.43	0.0130	P	1.0
7	☐	1000.000	995.731	229039.17	0.0251	P	1.1
8	☐			5728.97	0.0007	P	4.2

$$y = 2.4617\text{E-}005 * x + 6.3156\text{E-}004$$

$$R = 0.9999$$

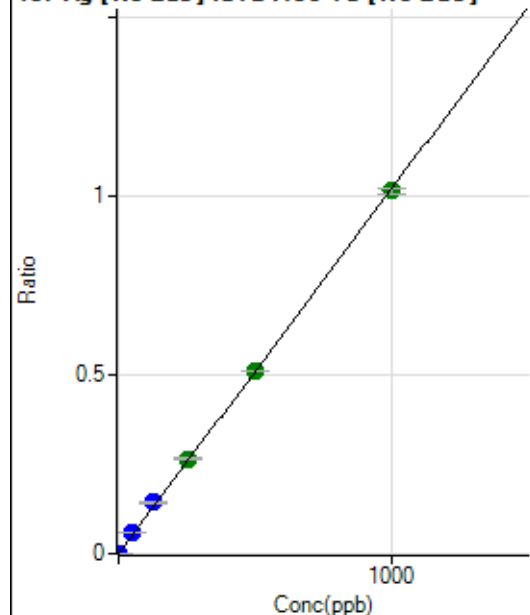
$$DL = 1.762$$

$$BEC = 25.66$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0000	P	13.8
2	☐	1.000	1.005	9791.15	0.0010	P	1.3
3	☐	50.000	56.782	550281.61	0.0580	P	1.1
4	☐	125.000	139.835	1325266.11	0.1427	P	1.2
5	☐	250.000	258.840	2477887.76	0.2642	A	2.1
6	☐	500.000	501.620	4780384.62	0.5119	A	0.7
7	☐	1000.000	994.787	9247206.46	1.0152	A	1.6
8	☐			3010.36	0.0003	P	20.5

$$y = 0.0010 * x + 9.1093E-006$$

$$R = 0.9999$$

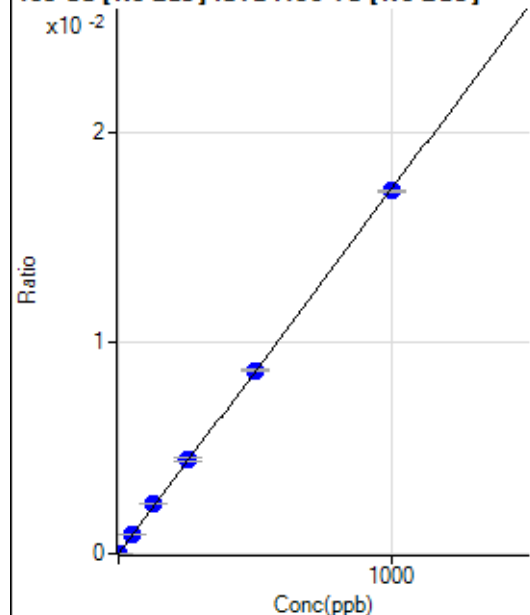
$$DL = 0.003701$$

$$BEC = 0.008927$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	19.4
2	☐	1.000	1.020	183.34	0.0000	P	35.1
3	☐	50.000	54.701	8995.08	0.0009	P	0.8
4	☐	125.000	136.196	21882.15	0.0024	P	1.5
5	☐	250.000	257.991	41848.01	0.0045	P	2.7
6	☐	500.000	502.299	81093.79	0.0087	P	0.8
7	☐	1000.000	995.218	156724.19	0.0172	P	0.7
8	☐			343.34	0.0000	P	7.3

$$y = 1.7285E-005 * x + 1.7726E-006$$

$$R = 0.9999$$

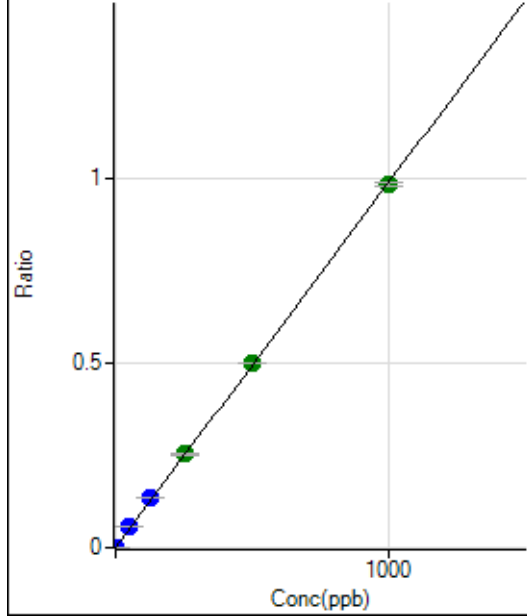
$$DL = 0.05957$$

$$BEC = 0.1025$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	48.0
2	☐	1.000	0.980	9211.88	0.0010	P	2.2
3	☐	50.000	55.933	525906.10	0.0554	P	1.2
4	☐	125.000	138.479	1273402.54	0.1371	P	1.5
5	☐	250.000	256.707	2384616.04	0.2542	A	1.9
6	☐	500.000	504.690	4666760.49	0.4997	A	0.5
7	☐	1000.000	993.997	8966083.13	0.9843	A	1.0
8	☐			3031.47	0.0004	P	25.5

$$y = 9.9019\text{E-}004 * x + 3.0760\text{E-}006$$

$$R = 0.9999$$

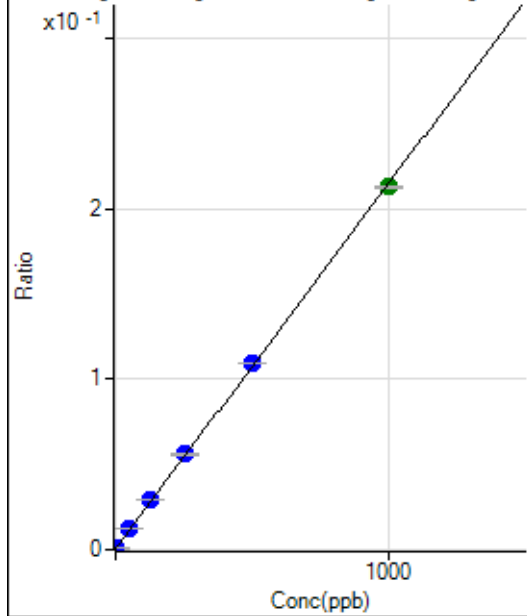
$$DL = 0.004471$$

$$BEC = 0.003106$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4175.11	0.0004	P	2.2
2	☐	1.000	1.074	6384.04	0.0007	P	2.5
3	☐	50.000	55.373	116958.99	0.0123	P	1.2
4	☐	125.000	136.398	275739.10	0.0297	P	1.5
5	☐	250.000	259.473	526090.85	0.0561	P	2.1
6	☐	500.000	509.494	1024367.96	0.1097	P	0.6
7	☐	1000.000	991.191	1940266.31	0.2130	A	0.4
8	☐			4452.18	0.0005	P	5.9

$$y = 2.1443\text{E-}004 * x + 4.4439\text{E-}004$$

$$R = 0.9998$$

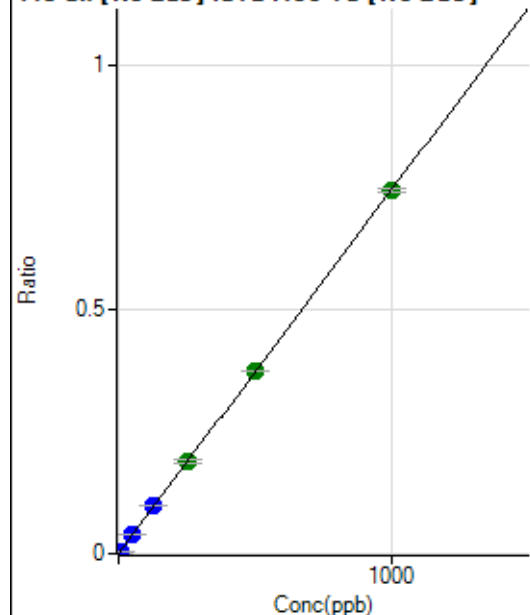
$$DL = 0.1386$$

$$BEC = 2.072$$

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	3841.67	0.0004	P	2.9
2	☐	5.000	4.847	37988.86	0.0040	P	1.2
3	☐	50.000	52.935	377820.04	0.0398	P	1.2
4	☐	125.000	133.316	924894.06	0.0996	P	1.0
5	☐	250.000	253.824	1774896.13	0.1892	A	3.6
6	☐	500.000	501.278	3486430.40	0.3733	A	0.8
7	☐	1000.000	997.219	6762158.79	0.7423	A	1.1
8	☐			10654.02	0.0012	P	3.3

$$y = 7.4397E-004 * x + 4.0896E-004$$

$$R = 1.0000$$

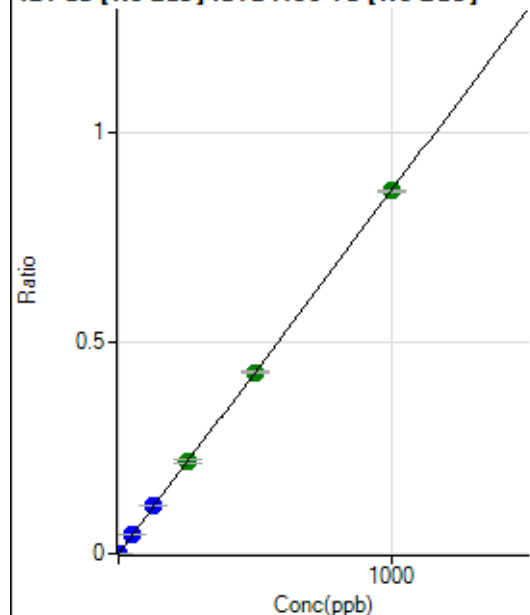
$$DL = 0.04827$$

$$BEC = 0.5497$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0000	P	26.4
2	☐	2.000	1.983	16210.30	0.0017	P	1.7
3	☐	50.000	52.812	432310.83	0.0455	P	1.4
4	☐	125.000	131.769	1054961.26	0.1136	P	1.0
5	☐	250.000	253.279	2047970.20	0.2183	A	3.2
6	☐	500.000	499.126	4018158.13	0.4303	A	1.0
7	☐	1000.000	998.630	7842570.72	0.8609	A	0.6
8	☐			7041.78	0.0008	P	1.8

$$y = 8.6207E-004 * x + 3.3078E-006$$

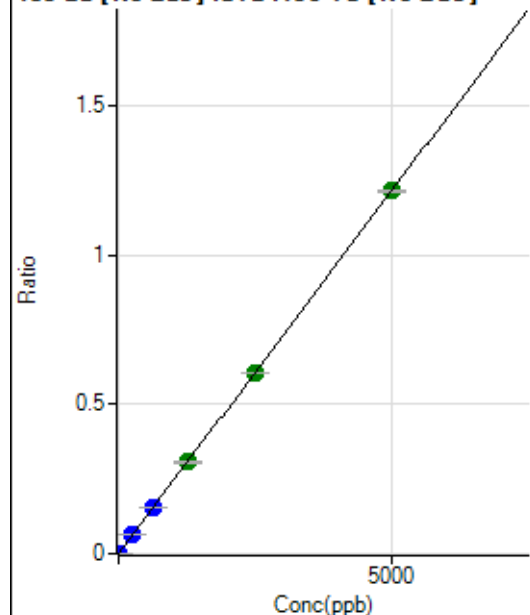
$$R = 1.0000$$

$$DL = 0.003034$$

$$BEC = 0.003837$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0000	P	14.9
2	☐	10.000	9.420	21754.50	0.0023	P	3.0
3	☐	250.000	254.755	587477.84	0.0619	P	1.1
4	☐	625.000	639.295	1441774.86	0.1552	P	0.9
5	☐	1250.000	1262.838	2876437.28	0.3067	A	2.7
6	☐	2500.000	2488.142	5642183.18	0.6042	A	0.1
7	☐	5000.000	5000.696	11061897.06	1.2143	A	0.9
8	☐			6492.67	0.0008	P	8.8

$$y = 2.4283\text{E-}004 * x + 1.1470\text{E-}005$$

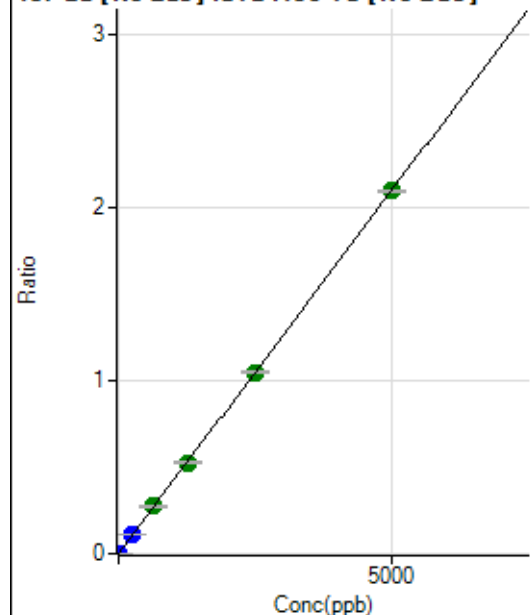
$$R = 1.0000$$

$$DL = 0.02115$$

$$BEC = 0.04723$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0000	P	10.9
2	☐	10.000	9.462	37709.81	0.0040	P	0.9
3	☐	250.000	256.603	1021332.63	0.1076	P	1.1
4	☐	625.000	650.968	2533879.65	0.2728	A	1.0
5	☐	1250.000	1246.258	4900073.40	0.5223	A	2.1
6	☐	2500.000	2500.328	9785848.95	1.0479	A	0.6
7	☐	5000.000	4997.196	19079467.91	2.0944	A	0.5
8	☐			11292.38	0.0013	P	8.7

$$y = 4.1911\text{E-}004 * x + 1.9408\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01509$$

$$BEC = 0.04631$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	21.6
3	☐			95.56		P	10.1
4	☐			244.45		P	8.2
5	☐			472.23		P	5.7
6	☐			896.70		P	5.7
7	☐			1980.16		P	4.3
8	☐			218.89		P	1.8

150 Nd [He] No available calibration points

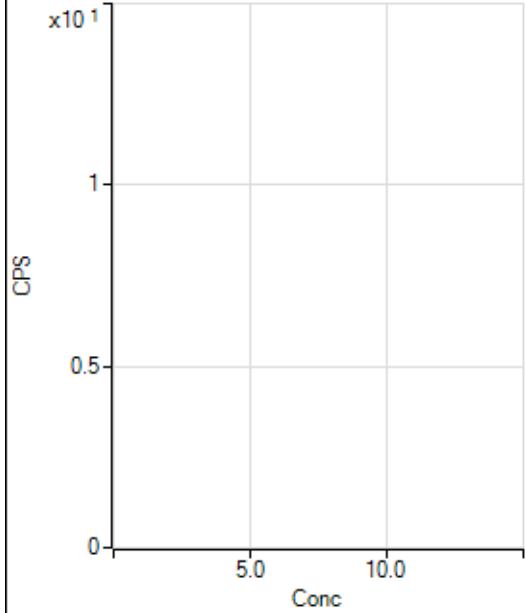
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			2.22		P	86.6
3	☐			26.67		P	66.2
4	☐			58.89		P	3.3
5	☐			88.89		P	9.4
6	☐			153.34		P	24.5
7	☐			482.23		P	11.0
8	☐			87.78		P	19.5

156 Dy [No Gas] No available calibration points

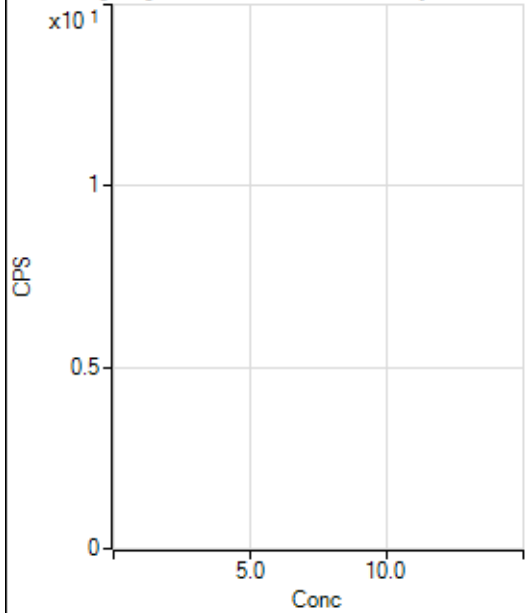
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			13.33		P	66.2
3	☐			35.55		P	10.8
4	☐			50.00		P	17.6
5	☐			121.11		P	20.8
6	☐			228.89		P	12.7
7	☐			651.13		P	3.3
8	☐			406.68		P	10.2

156 Dy [He] No available calibration points

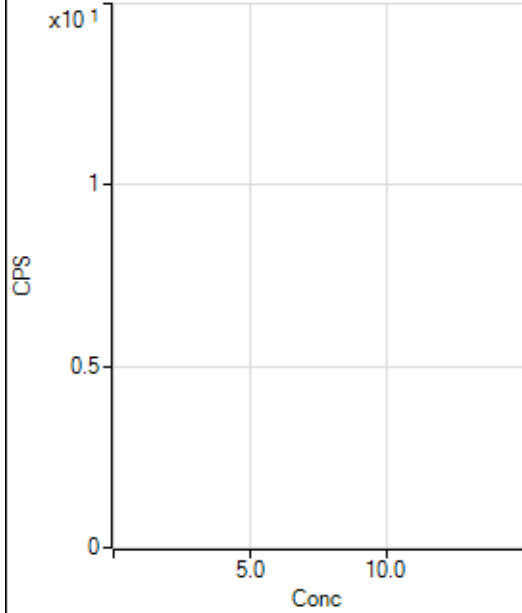
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			32.22		P	26.0
4	☐			67.78		P	7.5
5	☐			171.11		P	10.7
6	☐			246.67		P	18.3
7	☐			662.25		P	8.3
8	☐			227.78		P	8.1

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

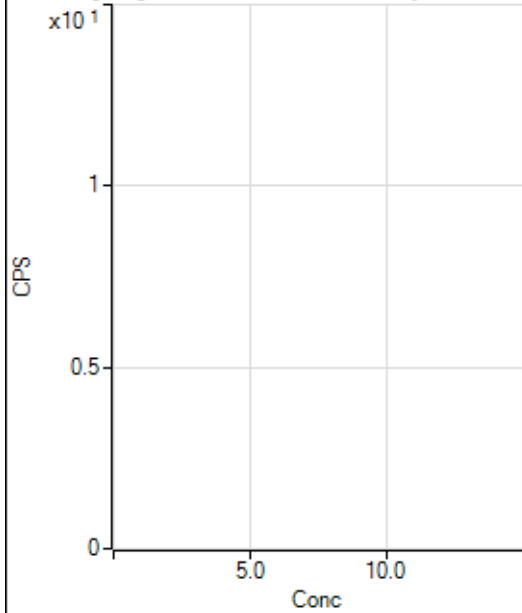
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	40.5
2	☐			55.56		P	48.5
3	☐			71.11		P	23.1
4	☐			83.33		P	6.9
5	☐			113.33		P	33.9
6	☐			166.67		P	10.4
7	☐			418.90		P	3.0
8	☐			315.56		P	4.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			287.78		P	22.4
2	☐			306.67		P	15.2
3	☐			296.67		P	13.0
4	☐			331.12		P	0.6
5	☐			331.12		P	7.7
6	☐			358.90		P	28.5
7	☐			504.46		P	5.0
8	☐			440.01		P	10.6

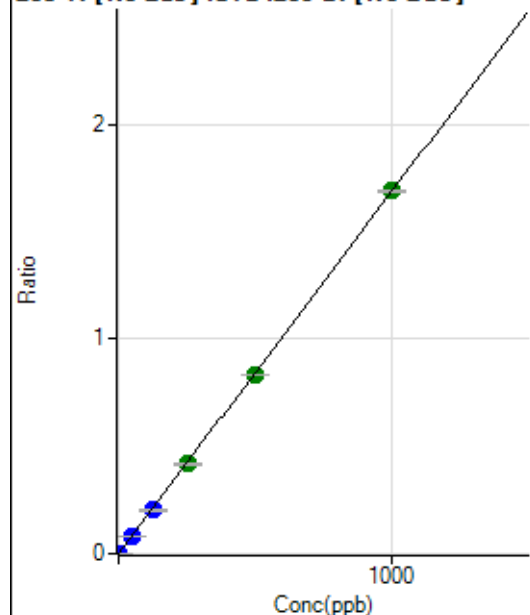
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	10.1
2	☐			63.33		P	50.8
3	☐			82.22		P	4.7
4	☐			106.67		P	12.5
5	☐			130.00		P	17.8
6	☐			154.45		P	17.4
7	☐			338.90		P	4.1
8	☐			393.34		P	12.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	34.8
2	☐			55.55		P	12.5
3	☐			35.56		P	14.3
4	☐			60.00		P	19.2
5	☐			75.56		P	13.5
6	☐			106.67		P	21.9
7	☐			204.45		P	2.5
8	☐			218.89		P	13.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.68	0.0001	P	15.0
2	☐	1.000	0.879	8918.53	0.0015	P	2.2
3	☐	50.000	48.016	464615.16	0.0809	P	3.1
4	☐	125.000	119.980	1160622.32	0.2020	P	1.9
5	☐	250.000	248.669	2403164.70	0.4186	A	2.5
6	☐	500.000	496.185	4722399.55	0.8353	A	0.3
7	☐	1000.000	1002.967	9180173.34	1.6884	A	0.7
8	☐			4068.43	0.0009	P	11.0

$$y = 0.0017 * x + 5.8895E-005$$

$$R = 1.0000$$

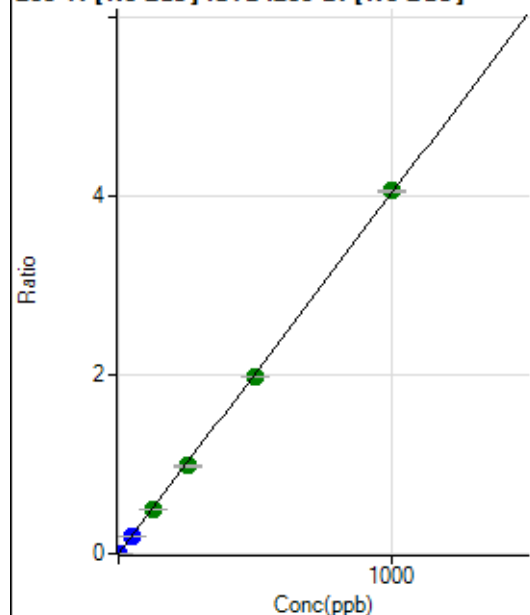
$$DL = 0.01577$$

$$BEC = 0.03499$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	766.70	0.0001	P	9.6
2	☐	1.000	0.869	21078.63	0.0036	P	1.2
3	☐	50.000	47.930	1110557.63	0.1933	P	2.9
4	☐	125.000	124.096	2874543.99	0.5003	A	1.4
5	☐	250.000	243.965	5645835.75	0.9835	A	2.1
6	☐	500.000	489.757	11161505.94	1.9743	A	0.1
7	☐	1000.000	1006.847	22067835.78	4.0585	A	0.7
8	☐			9547.93	0.0020	P	15.2

$$y = 0.0040 * x + 1.3413E-004$$

$$R = 0.9999$$

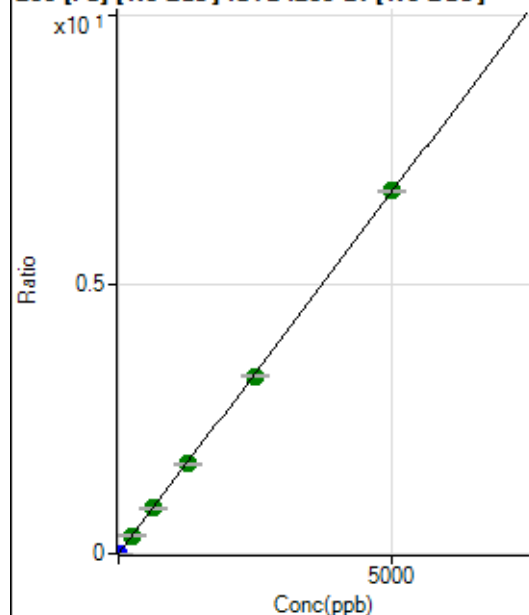
$$DL = 0.009623$$

$$BEC = 0.03328$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	721.14	0.0001	P	13.4
2	☐	1.000	0.842	7286.46	0.0013	P	1.6
3	☐	250.000	252.574	1950095.09	0.3394	A	2.5
4	☐	625.000	626.608	4836464.89	0.8419	A	2.2
5	☐	1250.000	1245.584	9606147.70	1.6734	A	2.5
6	☐	2500.000	2460.984	18692033.89	3.3062	A	0.6
7	☐	5000.000	5020.282	36672197.79	6.7444	A	0.5
8	☐			29127.97	0.0063	P	5.6

$$y = 0.0013 * x + 1.2617E-004$$

$$R = 1.0000$$

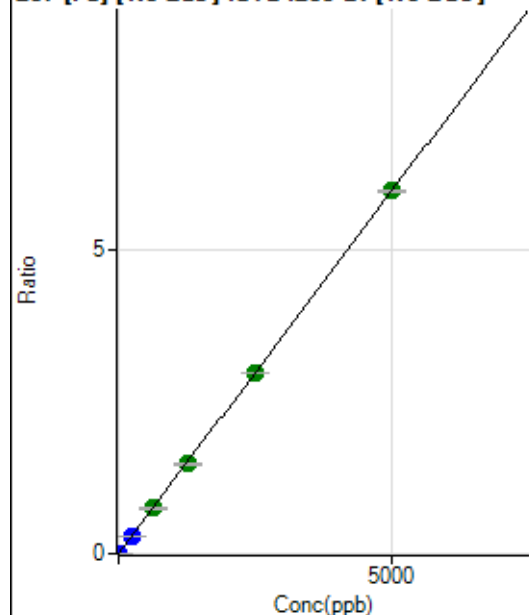
$$DL = 0.03762$$

$$BEC = 0.09392$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	652.25	0.0001	P	5.4
2	☐	1.000	0.865	6622.79	0.0011	P	1.0
3	☐	250.000	239.909	1639215.72	0.2854	P	3.4
4	☐	625.000	630.493	4307479.14	0.7498	A	2.2
5	☐	1250.000	1238.320	8453364.53	1.4726	A	2.5
6	☐	2500.000	2492.678	16757959.19	2.9641	A	0.9
7	☐	5000.000	5006.399	32370974.52	5.9532	A	0.6
8	☐			25643.20	0.0055	P	6.4

$$y = 0.0012 * x + 1.1424E-004$$

$$R = 1.0000$$

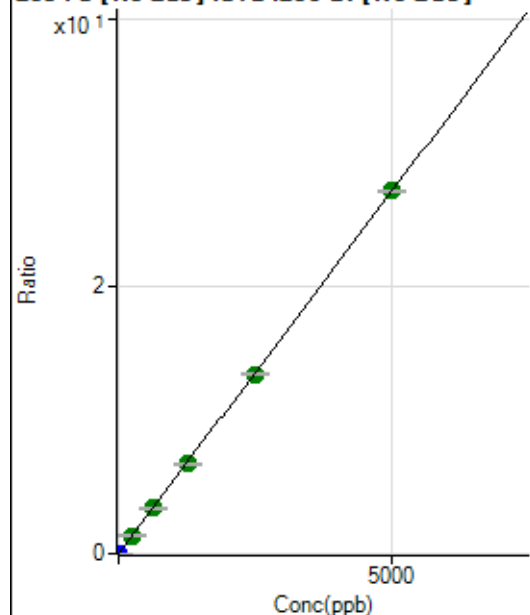
$$DL = 0.01542$$

$$BEC = 0.09607$$

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	2787.92	0.0005	P	2.8
2	☐	1.000	0.856	29670.71	0.0051	P	0.7
3	☐	250.000	249.193	7743241.58	1.3480	A	2.9
4	☐	625.000	628.399	19522880.27	3.3985	A	2.2
5	☐	1250.000	1240.577	38510914.98	6.7087	A	2.4
6	☐	2500.000	2479.399	75799589.43	13.4075	A	0.4
7	☐	5000.000	5012.272	147378139.4	27.1036	A	0.7
8	☐			116890.66	0.0251	P	6.1

$$y = 0.0054 * x + 4.8813E-004$$

$$R = 1.0000$$

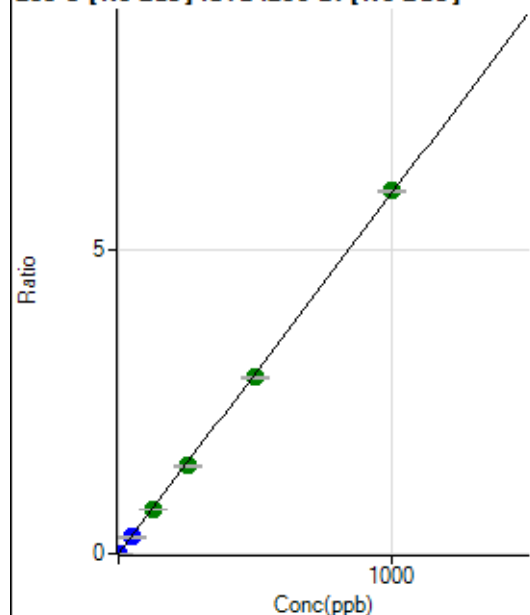
$$DL = 0.007708$$

$$BEC = 0.09027$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	27.6
2	☐	1.000	0.798	27422.67	0.0047	P	1.2
3	☐	50.000	45.502	1546698.07	0.2693	P	3.5
4	☐	125.000	122.498	4165040.87	0.7249	A	2.0
5	☐	250.000	243.515	8273434.80	1.4411	A	1.3
6	☐	500.000	490.449	16409535.59	2.9025	A	1.2
7	☐	1000.000	1006.935	32401970.35	5.9590	A	0.4
8	☐			8669.68	0.0019	P	20.4

$$y = 0.0059 * x + 5.8469E-006$$

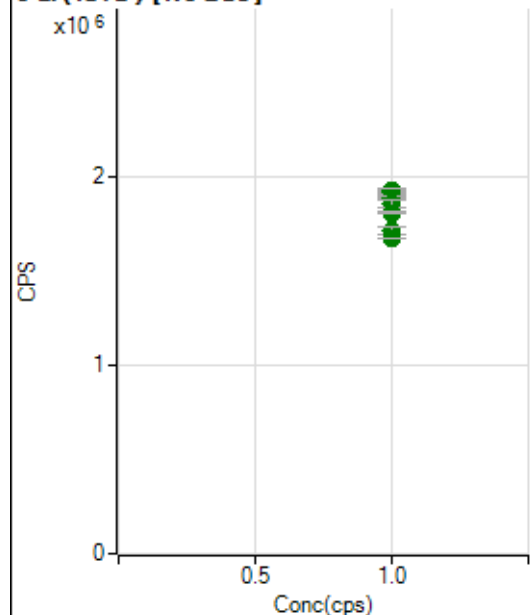
$$R = 0.9999$$

$$DL = 0.0008195$$

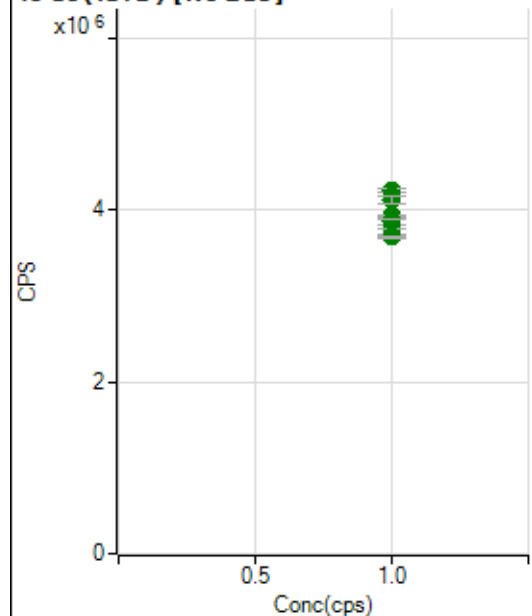
$$BEC = 0.000988$$

Weight: <None>

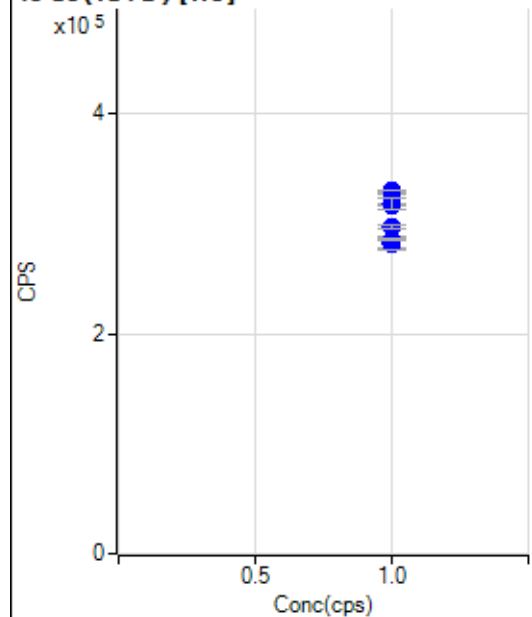
Min Conc: 0

6 Li (ISTD) [No Gas]

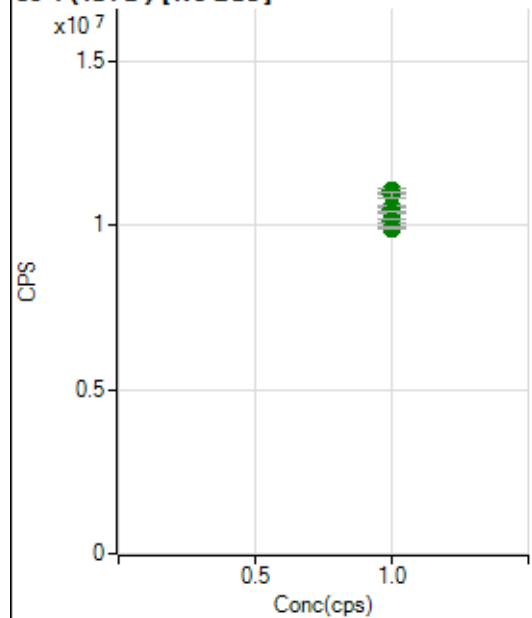
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1917348.86		A	0.4
2	☐	1.000		1922741.55		A	1.6
3	☐	1.000		1914306.07		A	2.5
4	☐	1.000		1880714.10		A	1.1
5	☐	1.000		1854689.78		A	2.0
6	☐	1.000		1806741.05		A	0.7
7	☐	1.000		1710086.54		A	2.1
8	☐	1.000		1672733.94		A	0.3

45 Sc (ISTD) [No Gas]

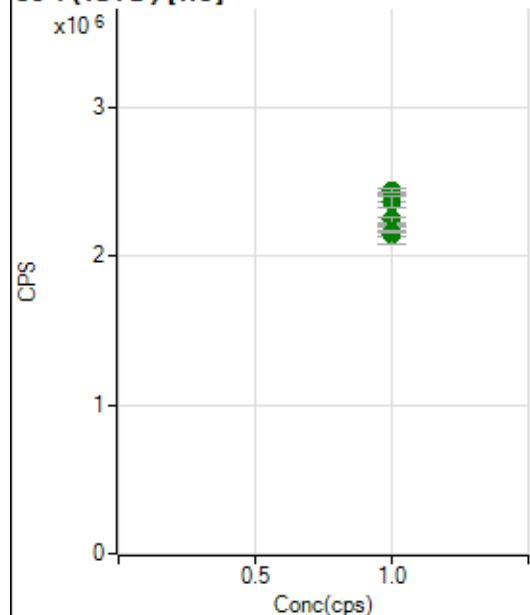
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4217331.08		A	1.0
2	☐	1.000		4155235.08		A	0.3
3	☐	1.000		4117803.62		A	2.1
4	☐	1.000		3928717.44		A	0.6
5	☐	1.000		3861618.41		A	1.7
6	☐	1.000		3781430.33		A	0.3
7	☐	1.000		3688615.54		A	0.7
8	☐	1.000		3686340.64		A	0.7

45 Sc (ISTD) [He]

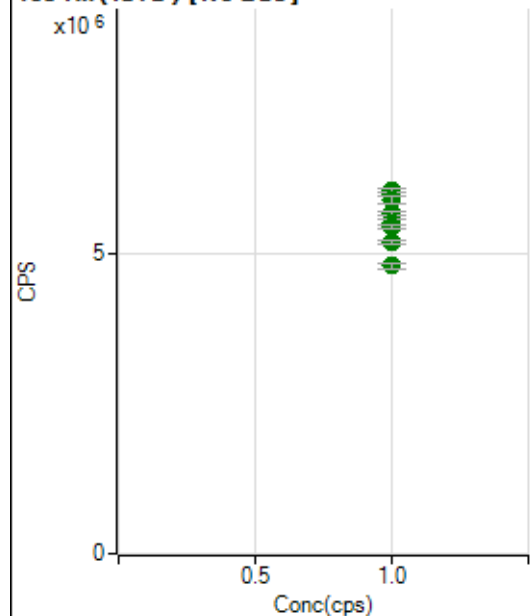
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		327595.93		P	0.8
2	☐	1.000		329943.61		P	0.2
3	☐	1.000		316765.36		P	0.5
4	☐	1.000		318189.82		P	3.5
5	☐	1.000		296957.73		P	0.9
6	☐	1.000		283603.57		P	4.0
7	☐	1.000		281633.32		P	4.3
8	☐	1.000		285874.62		P	0.7

89 Y (ISTD) [No Gas]

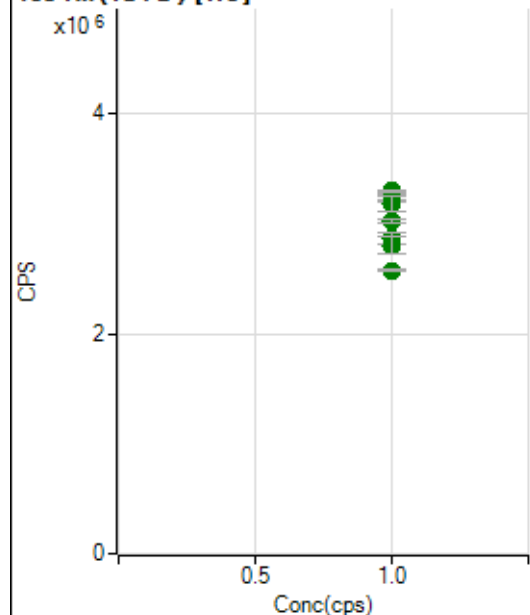
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11002431.64		A	0.4
2	☐	1.000		11042393.03		A	1.3
3	☐	1.000		10921693.17		A	1.8
4	☐	1.000		10543106.65		A	0.5
5	☐	1.000		10482468.53		A	2.3
6	☐	1.000		10381184.01		A	0.5
7	☐	1.000		10121346.52		A	0.7
8	☐	1.000		9907822.91		A	0.8

89 Y(ISTD) [He]

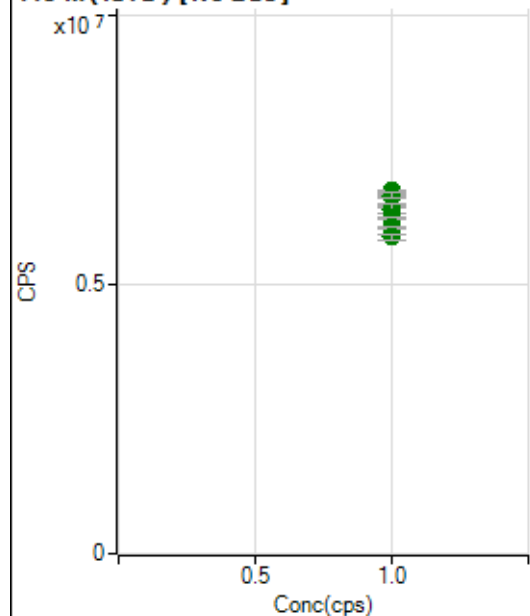
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2419770.99		A	0.9
2	☐	1.000		2436937.03		A	0.9
3	☐	1.000		2363713.87		A	0.3
4	☐	1.000		2366045.05		A	3.5
5	☐	1.000		2241308.11		A	1.5
6	☐	1.000		2164655.58		A	3.5
7	☐	1.000		2139512.16		A	5.8
8	☐	1.000		2158548.46		A	0.7

103 Rh(ISTD) [No Gas]

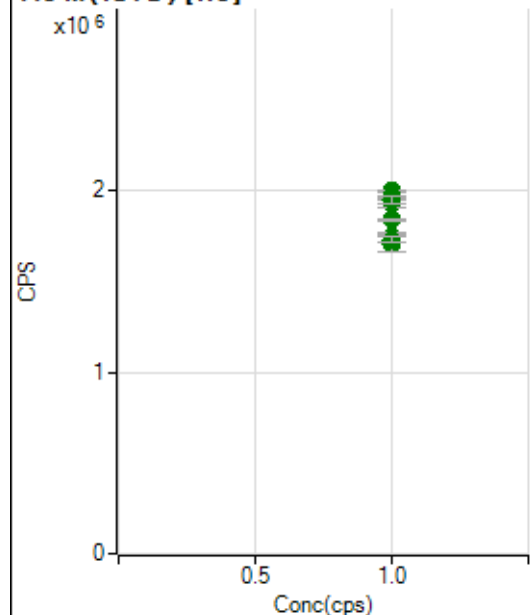
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5982447.27		A	0.9
2	☐	1.000		6031432.83		A	1.2
3	☐	1.000		5867363.73		A	2.2
4	☐	1.000		5644167.90		A	1.1
5	☐	1.000		5513954.85		A	1.3
6	☐	1.000		5433873.60		A	1.0
7	☐	1.000		5178371.63		A	1.2
8	☐	1.000		4784562.43		A	1.8

103 Rh (ISTD) [He]

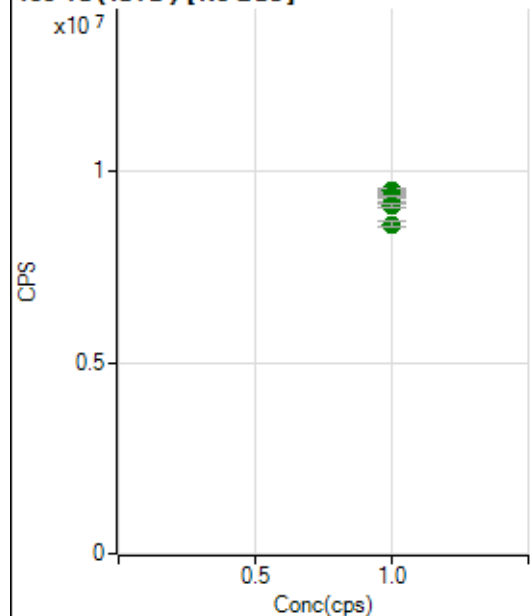
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3284991.24		A	0.8
2	☐	1.000		3296097.21		A	0.7
3	☐	1.000		3200564.74		A	0.4
4	☐	1.000		3173843.70		A	4.5
5	☐	1.000		3017897.91		A	1.1
6	☐	1.000		2866075.17		A	4.0
7	☐	1.000		2798579.52		A	5.5
8	☐	1.000		2576799.01		A	0.9

115 In (ISTD) [No Gas]

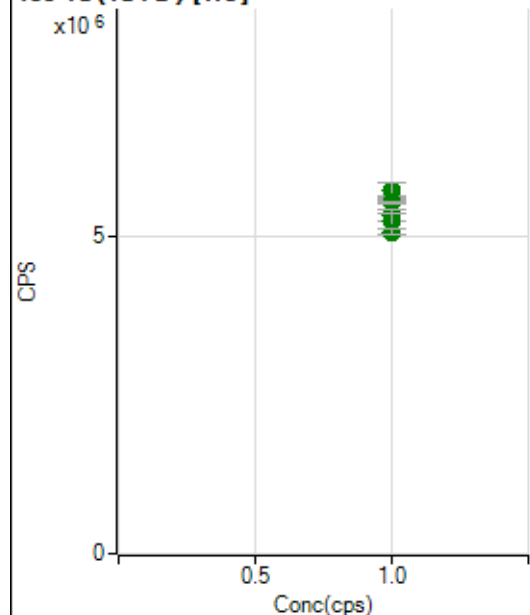
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6670266.87		A	0.5
2	☐	1.000		6736240.69		A	0.5
3	☐	1.000		6651921.50		A	1.7
4	☐	1.000		6434117.14		A	0.4
5	☐	1.000		6406062.22		A	2.3
6	☐	1.000		6231122.64		A	0.4
7	☐	1.000		6052728.41		A	0.5
8	☐	1.000		5883908.48		A	1.9

115 In (ISTD) [He]

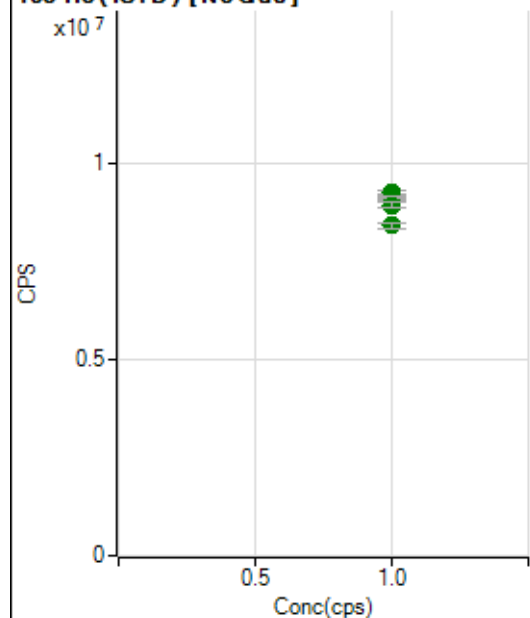
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1998044.96		A	0.6
2	☐	1.000		1967509.11		A	0.6
3	☐	1.000		1926905.85		A	1.8
4	☐	1.000		1944435.99		A	2.3
5	☐	1.000		1838296.44		A	1.0
6	☐	1.000		1743848.34		A	3.2
7	☐	1.000		1710102.35		A	5.8
8	☐	1.000		1728897.03		A	2.0

159 Tb (ISTD) [No Gas]

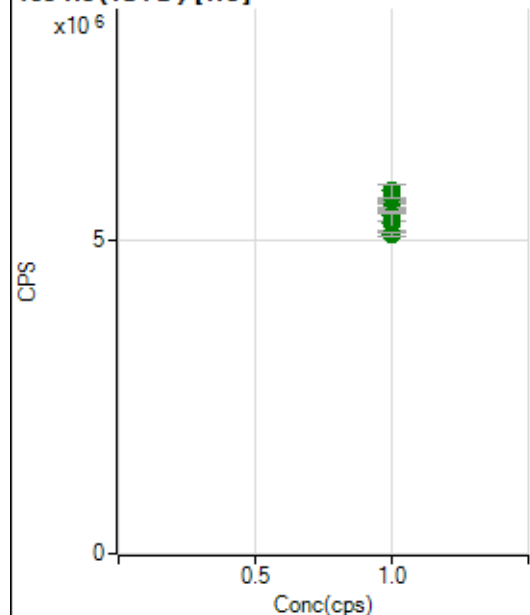
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9394082.78		A	0.7
2	☐	1.000		9462562.64		A	0.6
3	☐	1.000		9495841.87		A	1.2
4	☐	1.000		9287542.15		A	1.3
5	☐	1.000		9383254.79		A	2.0
6	☐	1.000		9338365.21		A	0.4
7	☐	1.000		9110137.02		A	1.1
8	☐	1.000		8628313.00		A	1.6

159 Tb (ISTD) [He]

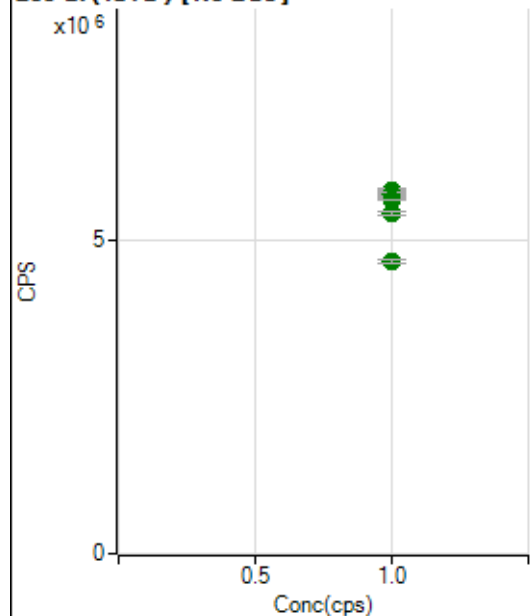
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5611812.97		A	0.2
2	☐	1.000		5623041.72		A	0.8
3	☐	1.000		5555244.15		A	0.4
4	☐	1.000		5713108.60		A	4.3
5	☐	1.000		5531566.44		A	0.8
6	☐	1.000		5332117.18		A	3.2
7	☐	1.000		5248033.67		A	4.7
8	☐	1.000		5064876.62		A	1.7

165 Ho (ISTD) [No Gas]

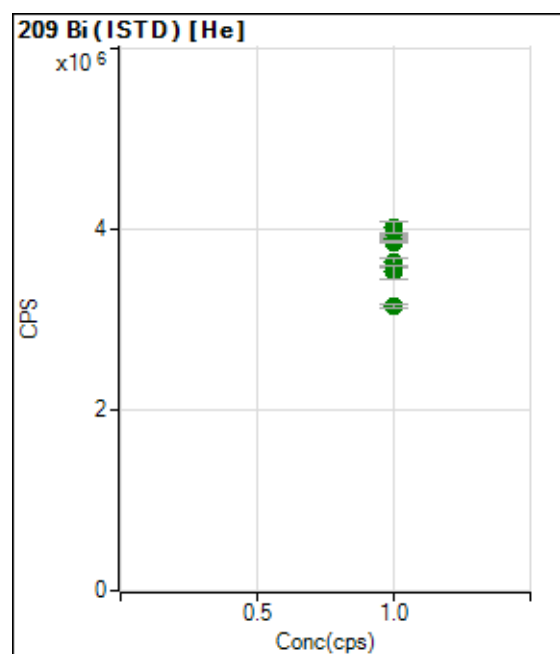
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9135491.53		A	1.2
2	☐	1.000		9270247.71		A	1.0
3	☐	1.000		9262349.38		A	1.8
4	☐	1.000		9152889.52		A	0.9
5	☐	1.000		9219241.60		A	0.6
6	☐	1.000		9172912.22		A	0.5
7	☐	1.000		8965792.65		A	1.2
8	☐	1.000		8440638.69		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5589563.80		A	0.1
2	☐	1.000		5646784.64		A	0.7
3	☐	1.000		5594780.82		A	0.9
4	☐	1.000		5780416.17		A	3.8
5	☐	1.000		5506455.54		A	0.5
6	☐	1.000		5379622.94		A	2.4
7	☐	1.000		5283412.04		A	4.7
8	☐	1.000		5095736.83		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5712144.64		A	1.3
2	☐	1.000		5796551.16		A	0.6
3	☐	1.000		5747622.21		A	2.9
4	☐	1.000		5746130.61		A	1.8
5	☐	1.000		5741399.43		A	1.2
6	☐	1.000		5653538.11		A	0.3
7	☐	1.000		5437537.14		A	1.0
8	☐	1.000		4655949.58		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3909825.50		A	1.1
2	☐	1.000		3950069.00		A	0.4
3	☐	1.000		3889998.62		A	0.7
4	☐	1.000		4010867.79		A	3.0
5	☐	1.000		3854257.44		A	0.6
6	☐	1.000		3626123.25		A	2.6
7	☐	1.000		3522437.90		A	4.5
8	☐	1.000		3142403.77		A	1.1