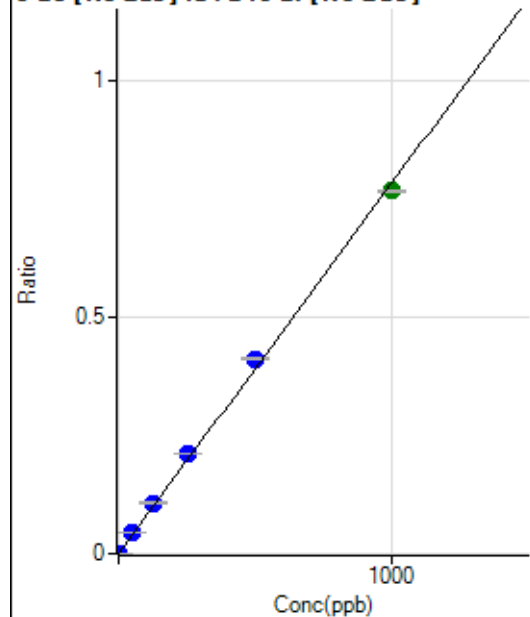


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122223 MS.b\
Analysis File: P7122223 MS.batch.bin
DA Date-Time: 2023-12-22 11:36:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-22 09:41:49
2	005CALS.d	S02	2023-12-22 09:45:08
3	006CALS.d	S03	2023-12-22 09:48:27
4	007CALS.d	S04	2023-12-22 09:51:34
5	008CALS.d	S05	2023-12-22 09:54:32
6	009CALS.d	S06	2023-12-22 09:57:22
7	010CALS.d	S07	2023-12-22 10:00:12
8	011CALS.d	S08	2023-12-22 10:02:59

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0000	P	6.6
2	☐	1.000	0.975	1472.31	0.0008	P	0.1
3	☐	50.000	55.517	81644.97	0.0435	P	0.7
4	☐	125.000	136.785	198229.83	0.1070	P	1.4
5	☐	250.000	269.798	378726.45	0.2111	P	0.3
6	☐	500.000	526.618	719917.51	0.4119	P	0.8
7	☐	1000.000	979.992	1319364.85	0.7666	A	0.3
8	☐			715.58	0.0004	P	28.3

$$y = 7.8220\text{E-}004 * x + 2.5423\text{E-}005$$

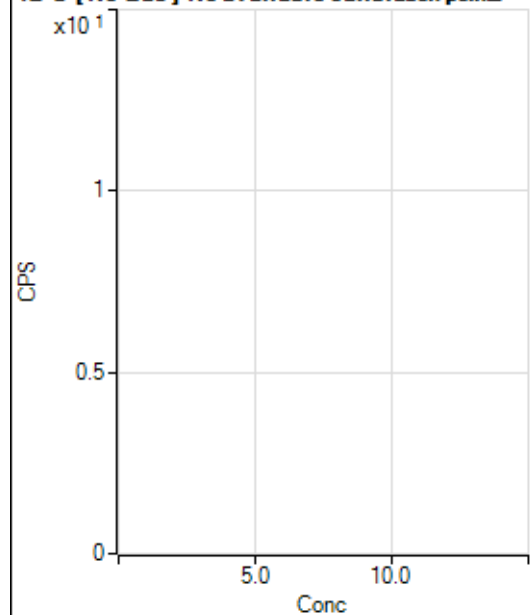
$$R = 0.9992$$

$$DL = 0.006432$$

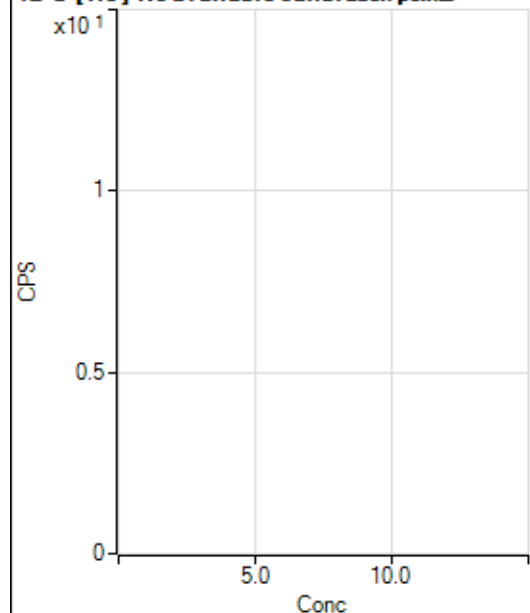
$$BEC = 0.0325$$

Weight: <None>

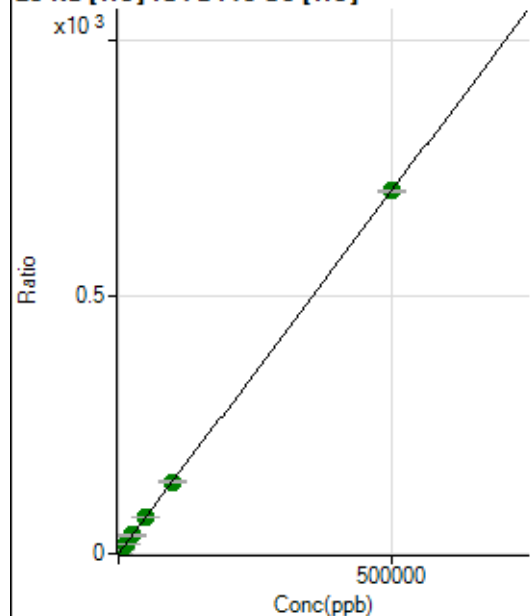
Min Conc: 0

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	12272.76	0.0389	P	0.8
2	☐	500.000	464.534	218134.84	0.6947	P	1.1
3	☐	5000.000	5142.601	2225728.30	7.2988	A	0.9
4	☐	12500.000	12625.454	5346746.80	17.8625	A	0.4
5	☐	25000.000	25238.745	10311983.88	35.6689	A	1.0
6	☐	50000.000	50718.572	20406205.95	71.6392	A	0.3
7	☐	100000.00	99253.291	39901592.46	140.1566	A	1.4
8	☐	500000.00	500061.02	196175645.9	705.9841	A	0.9

$$y = 0.0014 * x + 0.0389$$

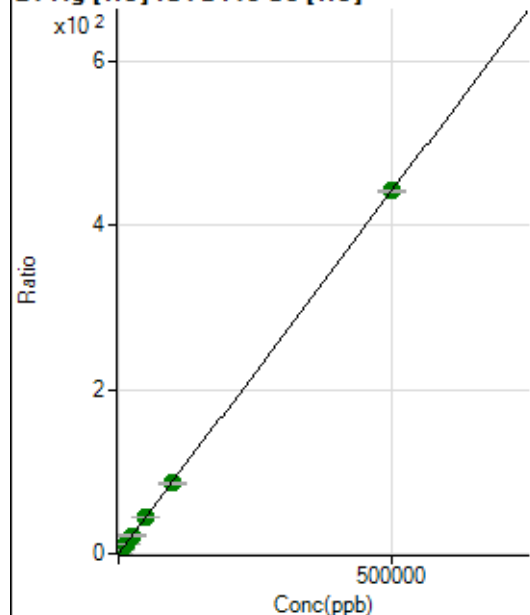
$$R = 1.0000$$

$$DL = 0.6994$$

$$BEC = 27.57$$

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	434.46	0.0014	P	7.1
2	☐	500.000	468.035	130302.42	0.4150	P	0.9
3	☐	5000.000	5148.169	1387700.78	4.5508	A	0.8
4	☐	12500.000	12692.819	3357839.78	11.2180	A	0.4
5	☐	25000.000	25198.343	6438073.10	22.2691	A	0.9
6	☐	50000.000	49838.213	12546093.42	44.0432	A	0.6
7	☐	100000.00	97524.002	24534887.41	86.1830	A	1.9
8	☐	500000.00	500495.19	122900847.0	442.2871	A	0.6

$$y = 8.8370E-004 * x + 0.0014$$

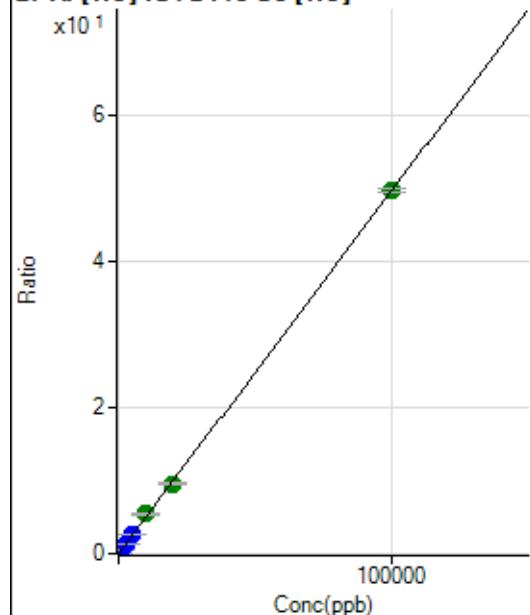
$$R = 1.0000$$

$$DL = 0.3323$$

$$BEC = 1.559$$

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	128.89	0.0004	P	21.0
2	☐	20.000	17.896	2919.19	0.0093	P	0.4
3	☐	1000.000	1088.588	164982.29	0.5410	P	0.5
4	☐	2500.000	2596.900	386165.43	1.2901	P	0.7
5	☐	5000.000	5194.192	745905.65	2.5800	P	0.7
6	☐	10000.000	10959.204	1550337.48	5.4431	A	2.1
7	☐	20000.000	19322.793	2732170.24	9.5968	A	1.2
8	☐	100000.00	100026.50	13803858.26	49.6771	A	1.1

$$y = 4.9663E-004 * x + 4.0891E-004$$

$$R = 0.9999$$

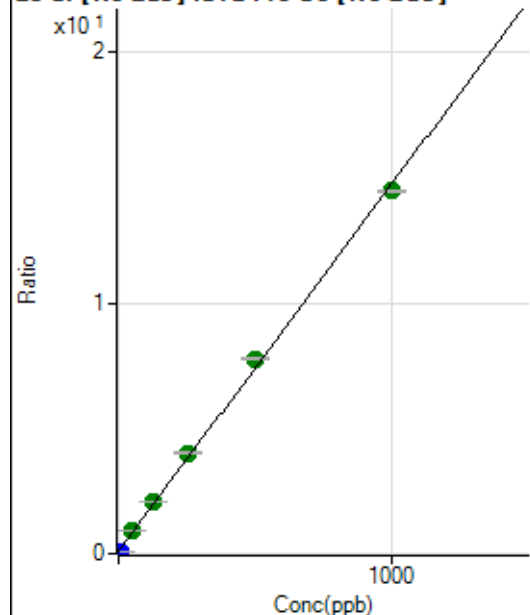
$$DL = 0.519$$

$$BEC = 0.8234$$

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	356973.46	0.0943	P	0.7
2	☐	10.000	0.245	372444.32	0.0979	P	0.6
3	☐	50.000	55.562	3450872.55	0.9079	A	0.6
4	☐	125.000	135.067	7646461.83	2.0721	A	0.1
5	☐	250.000	267.275	14271039.23	4.0080	A	1.7
6	☐	500.000	524.135	26645270.99	7.7692	A	1.0
7	☐	1000.000	982.175	50039151.48	14.4763	A	0.5
8	☐			716155.69	0.2125	P	2.2

$$y = 0.0146 * x + 0.0943$$

$$R = 0.9992$$

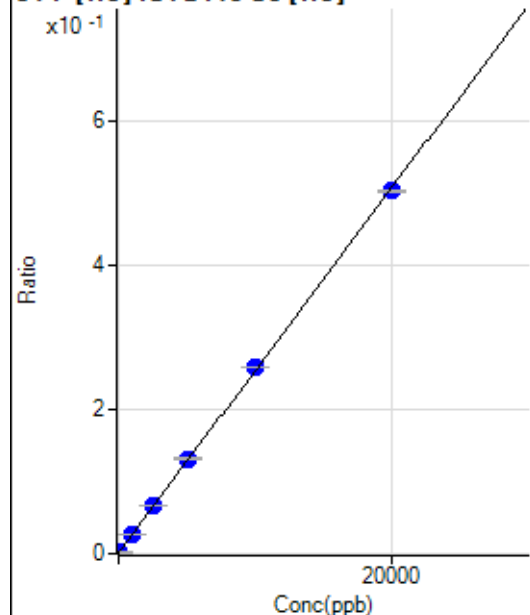
$$DL = 0.1437$$

$$BEC = 6.439$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.328	177.78	0.0006	P	21.2
2	☐	0.000	15.328	421.12	0.0013	P	9.8
3	☐	1000.000	1054.307	8440.18	0.0277	P	2.4
4	☐	2500.000	2628.686	20230.14	0.0676	P	1.0
5	☐	5000.000	5166.817	38139.71	0.1319	P	1.6
6	☐	10000.000	10186.357	73822.32	0.2592	P	0.6
7	☐	20000.000	19846.316	143501.93	0.5040	P	0.7
8	☐			317.79	0.0011	P	3.5

$$y = 2.5349E-005 * x + 9.5209E-004$$

$$R = 0.9999$$

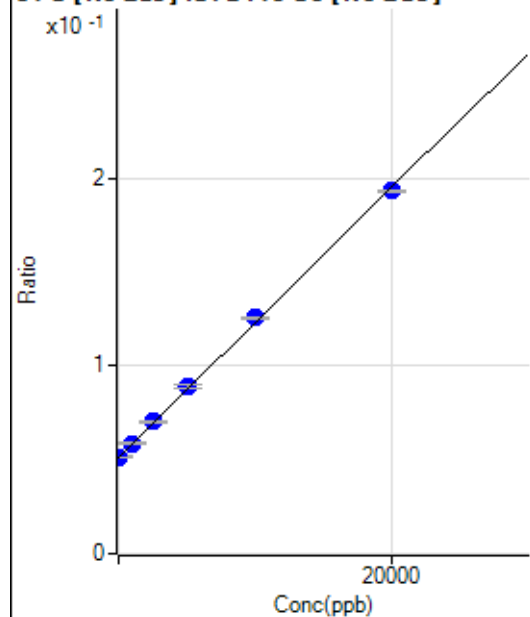
$$DL = 14.86$$

$$BEC = 37.56$$

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	-11.456	194416.95	0.0514	P	1.5
2	☐	0.000	11.456	196056.23	0.0515	P	0.4
3	☐	1000.000	1012.047	223079.74	0.0587	P	1.2
4	☐	2500.000	2606.189	258745.34	0.0701	P	0.3
5	☐	5000.000	5290.083	318163.16	0.0894	P	1.9
6	☐	10000.000	10312.956	429933.42	0.1254	P	1.2
7	☐	20000.000	19757.125	667304.51	0.1931	P	0.7
8	☐			152350.41	0.0452	P	3.7

$$y = 7.1681\text{E-}006 * x + 0.0514$$

$$R = 0.9997$$

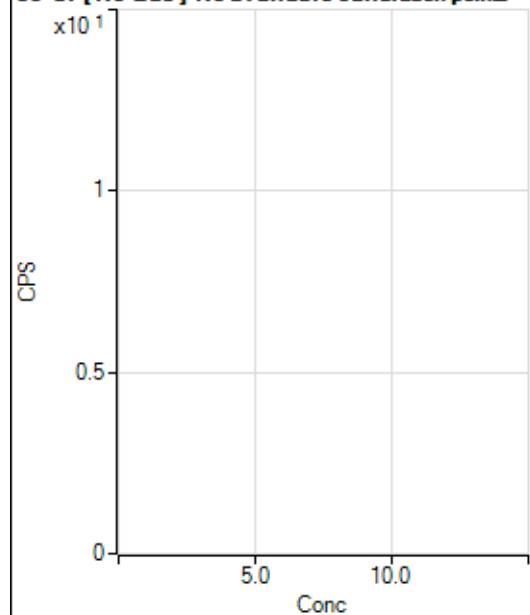
$$DL = 205.6$$

$$BEC = 7176$$

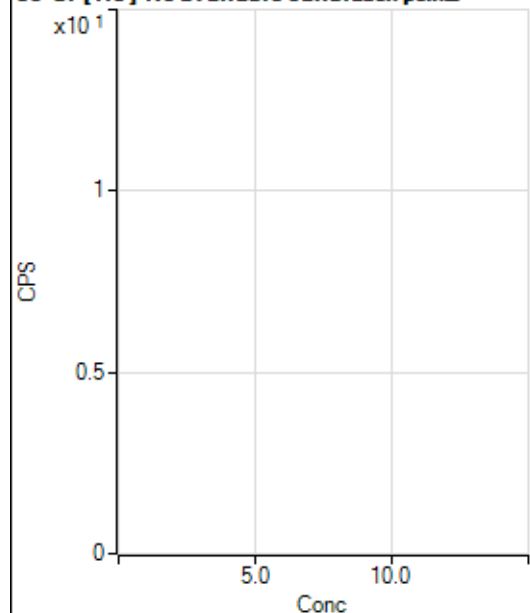
Weight: <None>

Min Conc: 0

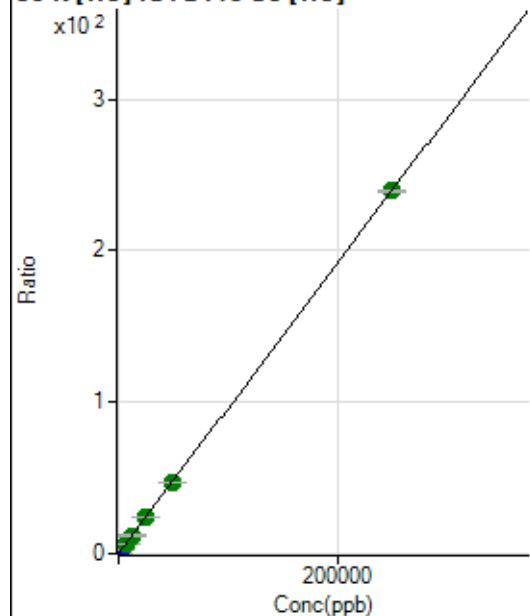
35 Cl [No Gas] No available calibration points



	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	41839.59	0.1327	P	1.4
2	☐	500.000	468.735	182408.64	0.5809	P	0.5
3	☐	2500.000	2717.088	832752.66	2.7309	P	0.3
4	☐	6250.000	6274.811	1835776.43	6.1329	A	0.6
5	☐	12500.000	12428.268	3474186.23	12.0171	A	1.4
6	☐	25000.000	24892.881	6818086.01	23.9363	A	0.6
7	☐	50000.000	48923.348	13356626.47	46.9152	A	1.2
8	☐	250000.00	250226.90	66525654.01	239.4100	A	0.9

$$y = 9.5624\text{E-}004 * x + 0.1327$$

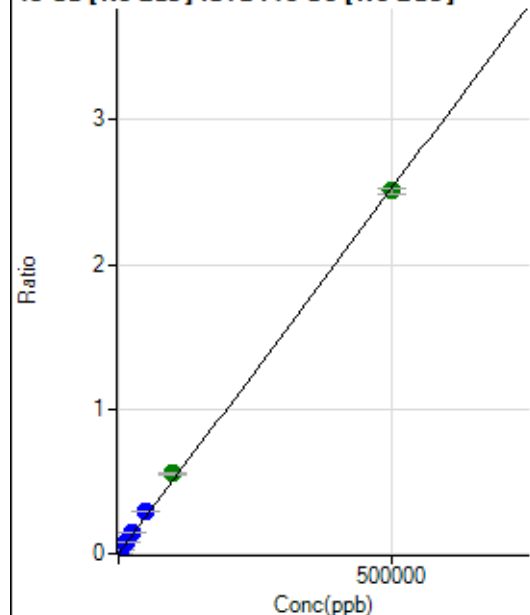
$$R = 1.0000$$

$$DL = 5.733$$

$$BEC = 138.8$$

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	517.79	0.0001	P	4.3
2	☐	500.000	464.758	9450.80	0.0025	P	1.9
3	☐	5000.000	5850.909	112803.91	0.0297	P	1.8
4	☐	12500.000	14537.240	271373.96	0.0735	P	0.5
5	☐	25000.000	29162.408	524782.39	0.1474	P	1.4
6	☐	50000.000	58602.962	1015299.50	0.2960	P	0.6
7	☐	100000.00	109502.86	1911429.19	0.5530	A	2.2
8	☐	500000.00	496971.60	8455179.32	2.5094	A	1.4

$$y = 5.0492\text{E-}006 * x + 1.3672\text{E-}004$$

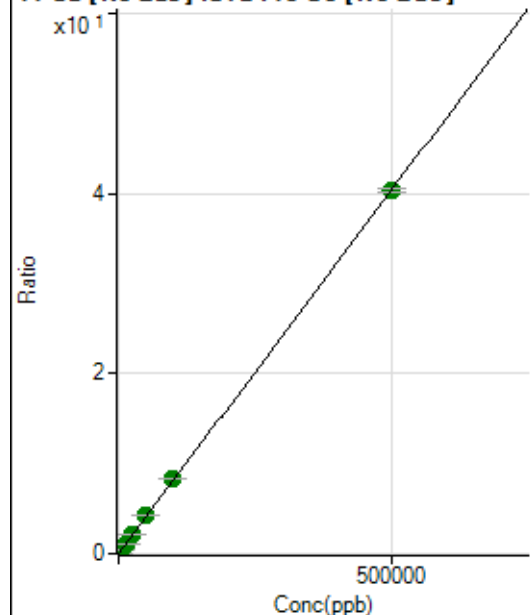
$$R = 0.9997$$

$$DL = 3.476$$

$$BEC = 27.08$$

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	4639.64	0.0012	P	3.7
2	☐	500.000	466.528	148169.63	0.0389	P	1.2
3	☐	5000.000	5268.699	1623258.93	0.4271	A	1.7
4	☐	12500.000	13101.090	3912236.40	1.0602	A	0.5
5	☐	25000.000	26221.886	7551237.59	2.1207	A	0.6
6	☐	50000.000	52626.985	14593061.45	4.2550	A	1.1
7	☐	100000.00	103111.15	28809744.85	8.3355	A	2.0
8	☐	500000.00	499036.29	135919095.7	40.3374	A	1.2

$$y = 8.0828\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

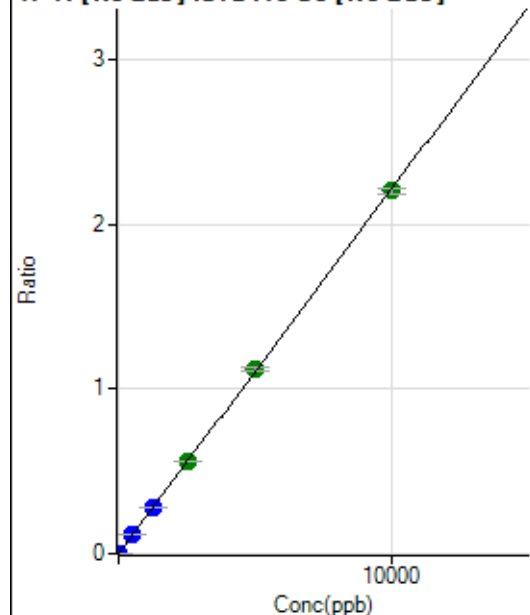
$$DL = 1.697$$

$$BEC = 15.16$$

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	98.89	0.0000	P	40.0
2	☐	5.000	4.540	3927.22	0.0010	P	1.2
3	☐	500.000	517.134	435608.07	0.1146	P	1.3
4	☐	1250.000	1289.267	1054255.57	0.2857	P	0.4
5	☐	2500.000	2524.133	1991496.55	0.5593	A	0.7
6	☐	5000.000	5073.581	3855528.31	1.1242	A	1.4
7	☐	10000.000	9951.411	7620995.44	2.2049	A	1.8
8	☐			3831.65	0.0011	P	22.2

$$y = 2.2157E-004 * x + 2.6050E-005$$

$$R = 1.0000$$

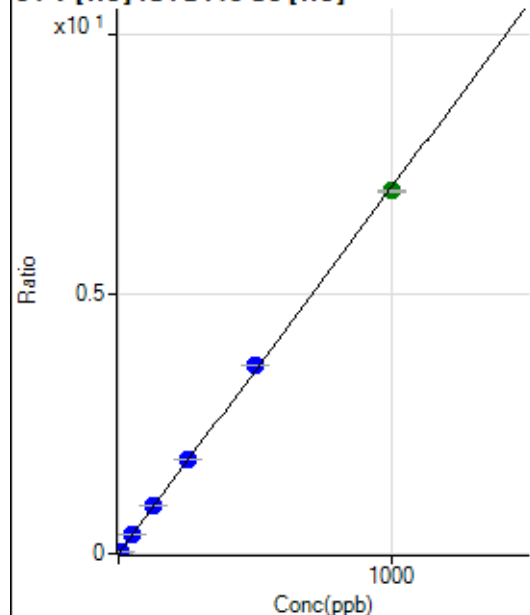
$$DL = 0.141$$

$$BEC = 0.1176$$

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	3.33	0.0000	P	100.
2	☐	5.000	4.642	10276.91	0.0327	P	1.5
3	☐	50.000	51.794	111316.17	0.3650	P	1.1
4	☐	125.000	129.678	273559.65	0.9139	P	1.2
5	☐	250.000	256.619	522866.46	1.8086	P	0.6
6	☐	500.000	514.398	1032620.98	3.6253	P	0.9
7	☐	1000.000	990.474	1987378.60	6.9805	A	0.7
8	☐			3498.21	0.0126	P	0.8

$$y = 0.0070 * x + 1.0571E-005$$

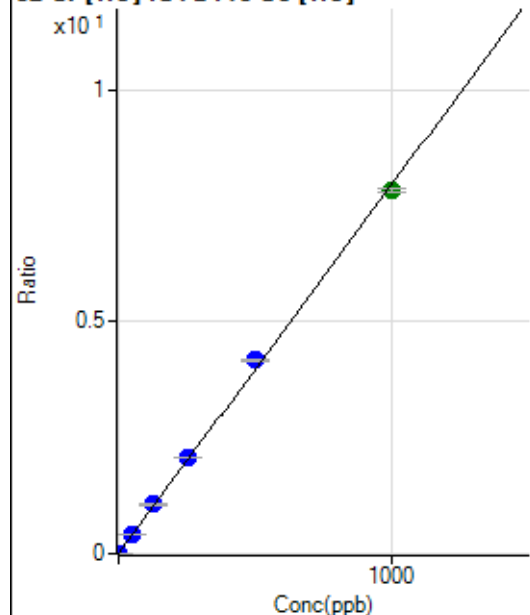
$$R = 0.9998$$

$$DL = 0.004511$$

$$BEC = 0.0015$$

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	913.37	0.0029	P	2.4
2	☐	2.000	1.778	5344.32	0.0170	P	1.5
3	☐	50.000	53.513	130460.09	0.4278	P	0.4
4	☐	125.000	132.808	316539.78	1.0575	P	0.3
5	☐	250.000	261.942	602192.40	2.0829	P	0.5
6	☐	500.000	524.252	1186597.74	4.1659	P	0.9
7	☐	1000.000	983.737	2224891.08	7.8145	A	1.0
8	☐			117673.10	0.4235	P	0.4

$$y = 0.0079 * x + 0.0029$$

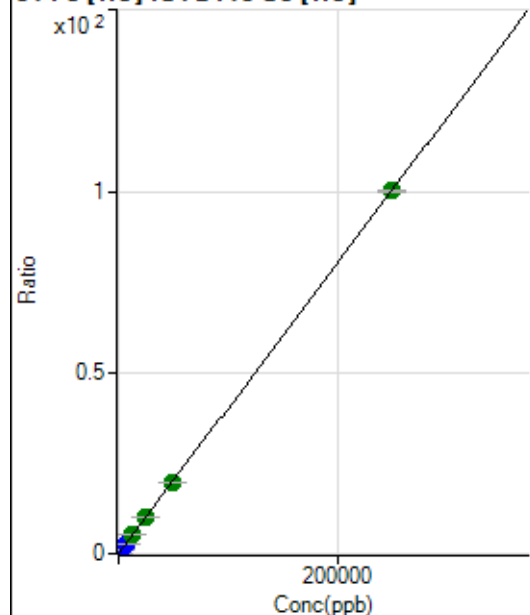
$$R = 0.9995$$

$$DL = 0.02636$$

$$BEC = 0.3648$$

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	1006.71	0.0032	P	3.0
2	☐	50.000	47.717	6999.46	0.0223	P	1.5
3	☐	2500.000	2779.417	340215.42	1.1157	P	0.4
4	☐	6250.000	6783.524	813689.53	2.7184	P	0.6
5	☐	12500.000	12743.706	1475693.55	5.1040	A	0.9
6	☐	25000.000	25407.142	2897726.55	10.1728	A	0.8
7	☐	50000.000	49139.126	5600462.97	19.6719	A	1.3
8	☐	250000.00	250103.14	27818440.14	100.1107	A	0.5

$$y = 4.0026E-004 * x + 0.0032$$

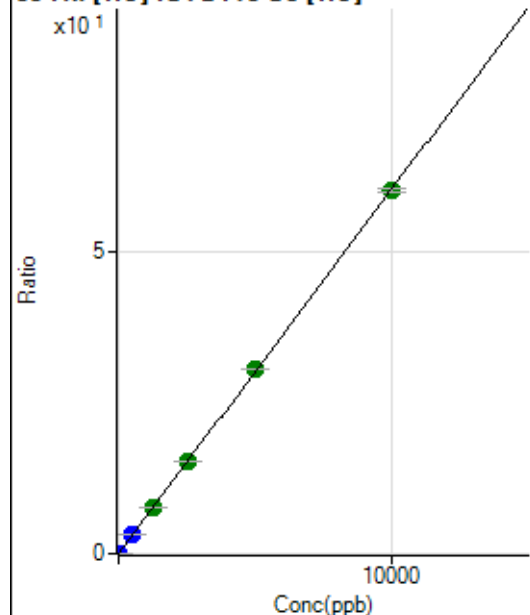
$$R = 1.0000$$

$$DL = 0.7234$$

$$BEC = 7.976$$

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	103.34	0.0003	P	15.1
2	☐	1.000	0.924	1852.36	0.0059	P	1.7
3	☐	500.000	528.562	972150.24	3.1880	P	0.4
4	☐	1250.000	1274.297	2300439.34	7.6854	A	0.8
5	☐	2500.000	2535.691	4421391.85	15.2927	A	0.4
6	☐	5000.000	5053.338	8681018.27	30.4763	A	0.4
7	☐	10000.000	9959.943	17101176.83	60.0673	A	1.2
8	☐			107830.45	0.3880	P	0.7

$$y = 0.0060 * x + 3.2782E-004$$

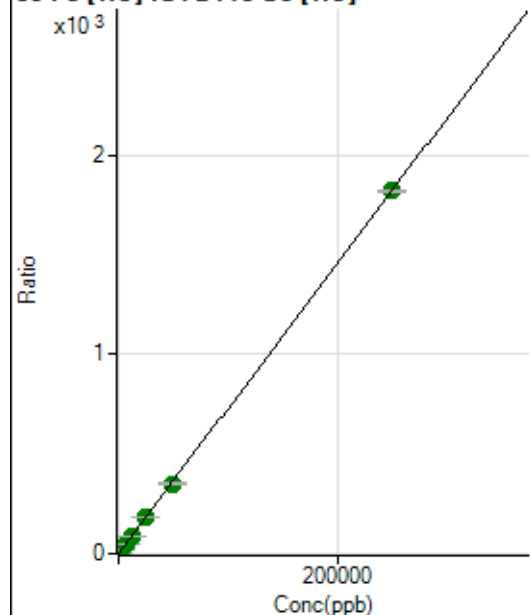
$$R = 1.0000$$

$$DL = 0.0246$$

$$BEC = 0.05436$$

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	6647.08	0.0211	P	3.9
2	☐	50.000	46.912	113806.10	0.3624	P	1.3
3	☐	2500.000	2538.959	5640233.53	18.4966	A	1.2
4	☐	6250.000	6232.560	13581579.10	45.3743	A	1.0
5	☐	12500.000	12474.619	26250080.17	90.7967	A	0.5
6	☐	25000.000	24768.153	51343802.57	180.2547	A	0.8
7	☐	50000.000	48298.320	100065172.9	351.4796	A	1.2
8	☐	250000.00	250364.83	506256828.0	1,821.882	A	0.7

$$y = 0.0073 * x + 0.0211$$

$$R = 1.0000$$

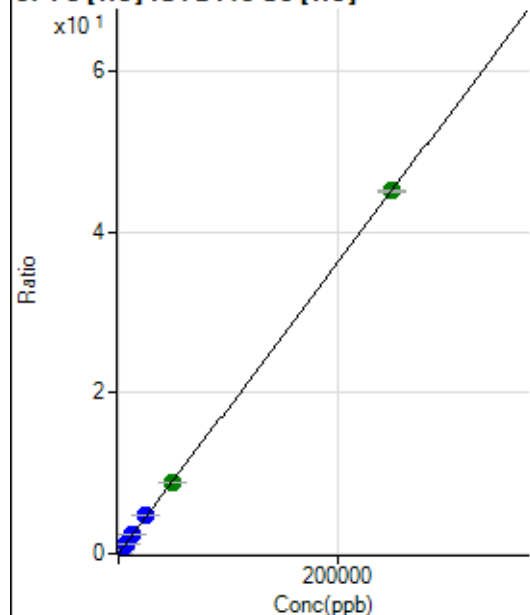
$$DL = 0.34$$

$$BEC = 2.897$$

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	578.90	0.0018	P	7.7
2	☐	50.000	49.878	3404.86	0.0108	P	6.7
3	☐	2500.000	2720.034	150282.55	0.4928	P	0.3
4	☐	6250.000	6769.122	366295.69	1.2237	P	0.7
5	☐	12500.000	13434.288	701638.11	2.4269	P	0.3
6	☐	25000.000	26656.508	1371134.36	4.8136	P	0.7
7	☐	50000.000	48701.250	2503403.24	8.7929	A	0.7
8	☐	250000.00	250032.20	12542123.01	45.1353	A	0.5

$$y = 1.8051\text{E-}004 * x + 0.0018$$

$$R = 1.0000$$

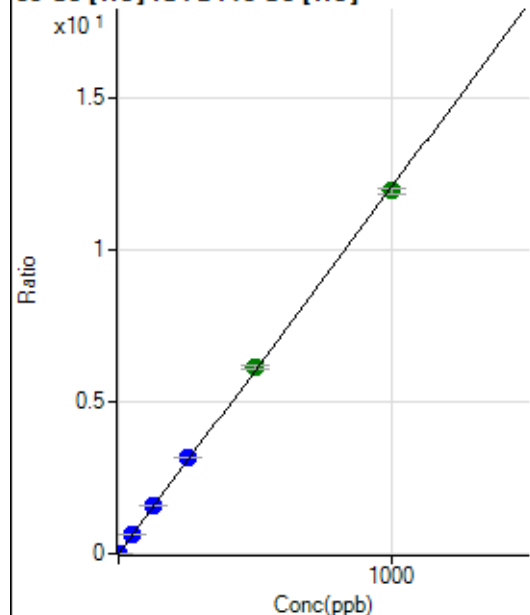
$$DL = 2.341$$

$$BEC = 10.17$$

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	26.67	0.0001	P	21.9
2	☐	1.000	0.982	3749.40	0.0119	P	1.0
3	☐	50.000	53.805	198212.97	0.6500	P	0.5
4	☐	125.000	132.986	480855.07	1.6065	P	0.5
5	☐	250.000	262.273	915933.70	3.1681	P	0.5
6	☐	500.000	511.338	1759265.72	6.1767	A	2.0
7	☐	1000.000	990.074	3404768.28	11.9594	A	1.6
8	☐			11635.72	0.0419	P	2.7

$$y = 0.0121 * x + 8.4611\text{E-}005$$

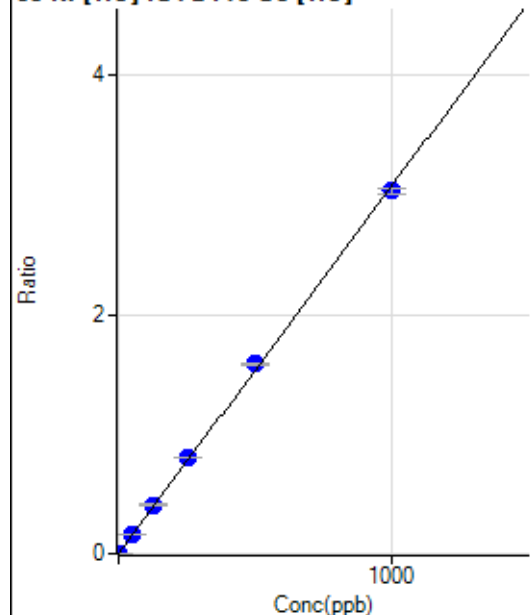
$$R = 0.9998$$

$$DL = 0.004612$$

$$BEC = 0.007005$$

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	122.23	0.0004	P	7.2
2	☐	1.000	0.948	1036.71	0.0033	P	5.0
3	☐	50.000	54.449	51126.81	0.1677	P	0.6
4	☐	125.000	133.293	122687.75	0.4099	P	1.2
5	☐	250.000	260.188	231207.23	0.7997	P	0.6
6	☐	500.000	516.801	452347.62	1.5881	P	0.9
7	☐	1000.000	987.794	864050.01	3.0351	P	1.5
8	☐			25525.10	0.0919	P	1.0

$$y = 0.0031 * x + 3.8767E-004$$

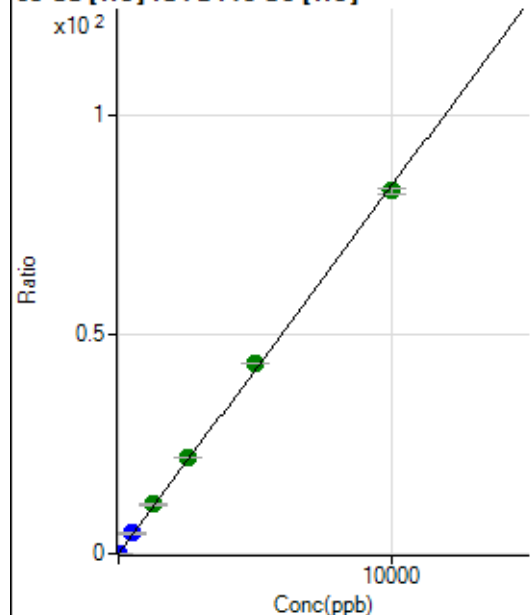
$$R = 0.9997$$

$$DL = 0.02717$$

$$BEC = 0.1262$$

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	1733.45	0.0055	P	4.0
2	☐	2.000	1.919	6779.38	0.0216	P	3.5
3	☐	500.000	549.388	1406336.72	4.6118	P	0.4
4	☐	1250.000	1333.275	3347707.93	11.1843	A	1.3
5	☐	2500.000	2607.410	6322007.82	21.8673	A	0.7
6	☐	5000.000	5186.349	12388080.51	43.4904	A	0.4
7	☐	10000.000	9867.094	23553879.10	82.7361	A	1.7
8	☐			26295.40	0.0946	P	0.4

$$y = 0.0084 * x + 0.0055$$

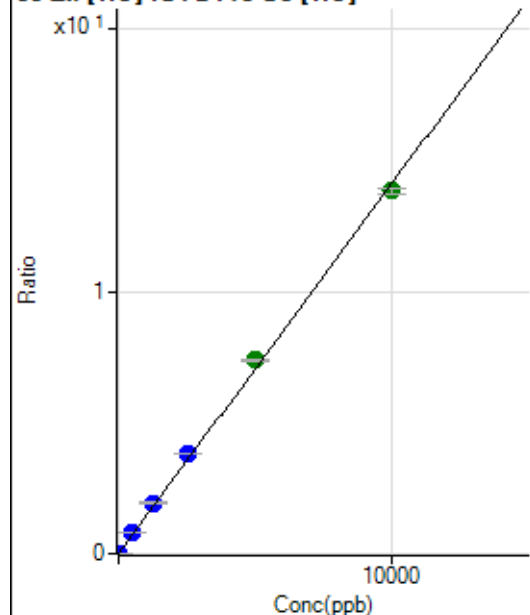
$$R = 0.9997$$

$$DL = 0.07928$$

$$BEC = 0.6556$$

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	683.36	0.0022	P	9.1
2	☐	5.000	4.789	2801.41	0.0089	P	3.3
3	☐	500.000	577.858	249156.14	0.8171	P	0.3
4	☐	1250.000	1373.643	580487.66	1.9393	P	0.6
5	☐	2500.000	2699.494	1101243.43	3.8091	P	0.2
6	☐	5000.000	5231.719	2102183.30	7.3801	A	0.9
7	☐	10000.000	9814.919	3941195.53	13.8434	A	1.6
8	☐			727444.37	2.6178	P	0.3

$$y = 0.0014 * x + 0.0022$$

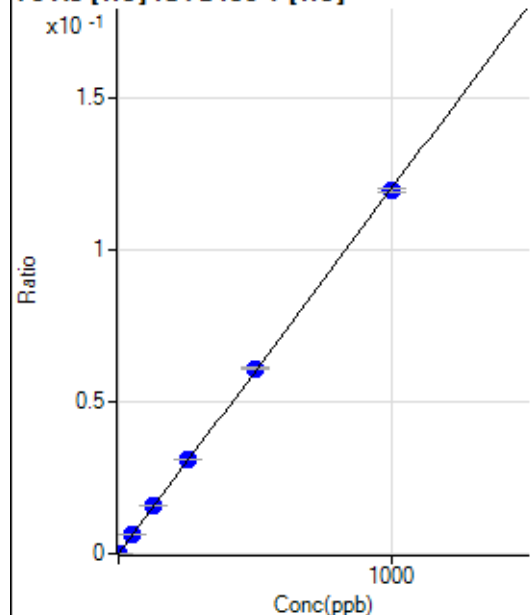
$$R = 0.9993$$

$$DL = 0.4184$$

$$BEC = 1.537$$

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	8.89	0.0000	P	21.5
2	☐	1.000	0.985	301.12	0.0001	P	13.1
3	☐	50.000	51.582	14988.75	0.0062	P	1.7
4	☐	125.000	130.666	37811.42	0.0157	P	2.3
5	☐	250.000	257.121	72155.38	0.0309	P	1.3
6	☐	500.000	507.363	141985.28	0.0610	P	0.5
7	☐	1000.000	993.751	273382.77	0.1196	P	1.0
8	☐			155.56	0.0001	P	22.6

$$y = 1.2032E-004 * x + 3.5794E-006$$

$$R = 0.9999$$

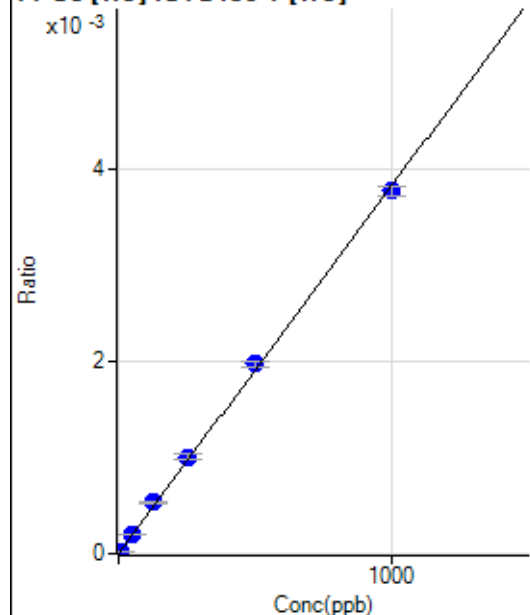
$$DL = 0.01918$$

$$BEC = 0.02975$$

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	0.00	0.0000	P	
2	☐	5.000	4.959	46.67	0.0000	P	36.5
3	☐	50.000	50.310	463.35	0.0002	P	2.2
4	☐	125.000	139.186	1277.84	0.0005	P	5.4
5	☐	250.000	263.720	2346.88	0.0010	P	4.8
6	☐	500.000	515.829	4578.53	0.0020	P	2.8
7	☐	1000.000	986.867	8609.24	0.0038	P	2.8
8	☐			25.56	0.0000	P	39.1

$$y = 3.8160\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

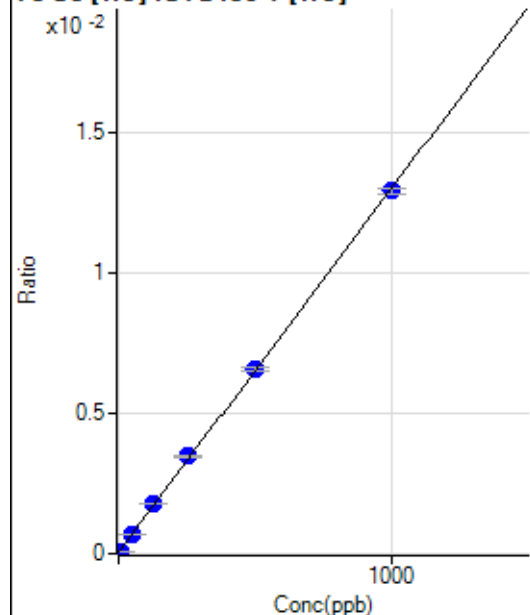
$$DL = 0$$

$$BEC = 0$$

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	122.22	0.0000	P	14.1
2	☐	5.000	3.552	234.45	0.0001	P	5.4
3	☐	50.000	50.361	1693.45	0.0007	P	2.0
4	☐	125.000	134.799	4317.33	0.0018	P	1.4
5	☐	250.000	263.532	8076.72	0.0035	P	1.0
6	☐	500.000	503.972	15296.88	0.0066	P	2.4
7	☐	1000.000	993.395	29533.87	0.0129	P	1.4
8	☐			220.00	0.0001	P	8.4

$$y = 1.2954\text{E-}005 * x + 4.9225\text{E-}005$$

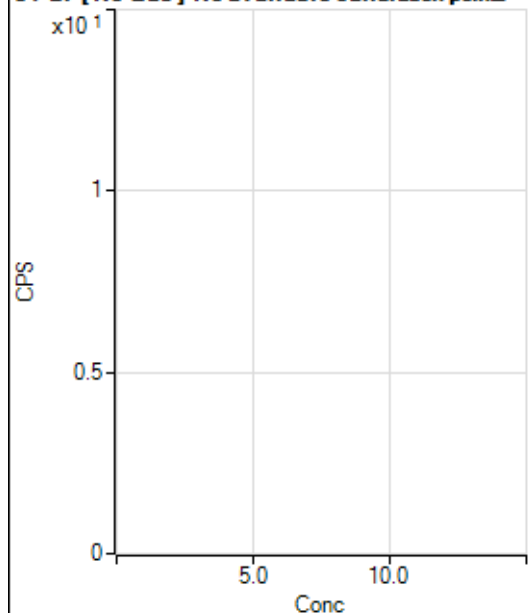
$$R = 0.9998$$

$$DL = 1.605$$

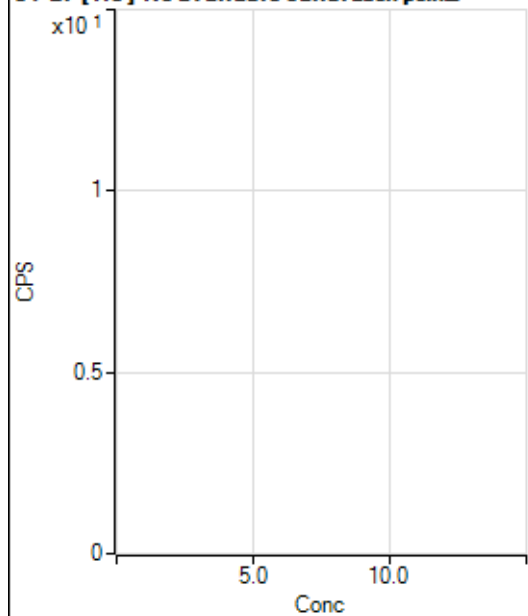
$$BEC = 3.8$$

Weight: <None>

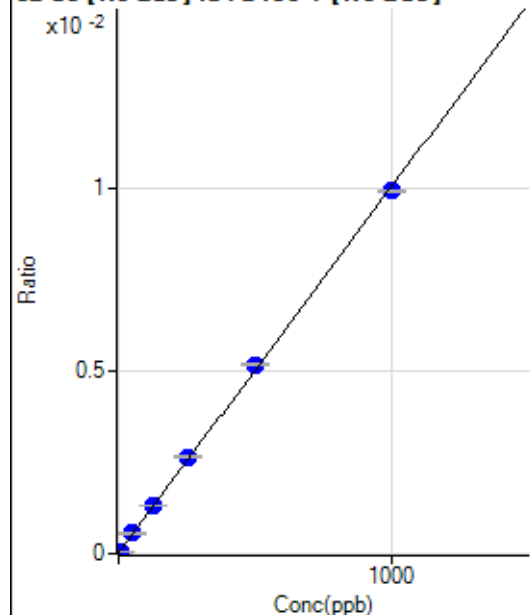
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10739.54		P	1.8
2	☐			10477.13		P	3.1
3	☐			10409.32		P	0.5
4	☐			10453.80		P	1.5
5	☐			11840.41		P	2.5
6	☐			15134.54		P	7.5
7	☐			15554.97		P	6.7
8	☐			17568.41		P	11.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			211.11		P	13.6
2	☐			241.12		P	8.4
3	☐			290.01		P	6.1
4	☐			350.01		P	7.4
5	☐			650.02		P	6.7
6	☐			1487.87		P	10.4
7	☐			1756.79		P	2.2
8	☐			1950.15		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.52	0.0000	P	16.0
2	☐	5.000	4.577	658.30	0.0001	P	6.7
3	☐	50.000	54.128	5903.33	0.0006	P	2.8
4	☐	125.000	131.227	13970.59	0.0013	P	1.4
5	☐	250.000	262.999	27210.96	0.0027	P	0.6
6	☐	500.000	514.375	52142.99	0.0052	P	0.7
7	☐	1000.000	988.580	99636.78	0.0099	P	0.2
8	☐			479.07	0.0001	P	4.0

$$y = 1.0045\text{E-}005 * x + 1.6480\text{E-}005$$

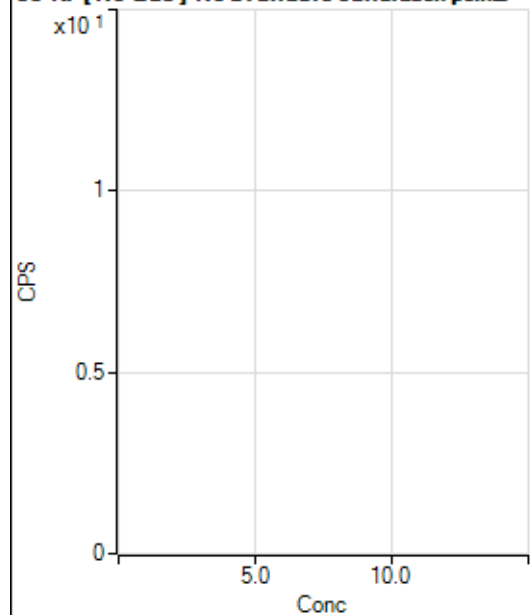
$$R = 0.9997$$

$$DL = 0.7863$$

$$BEC = 1.641$$

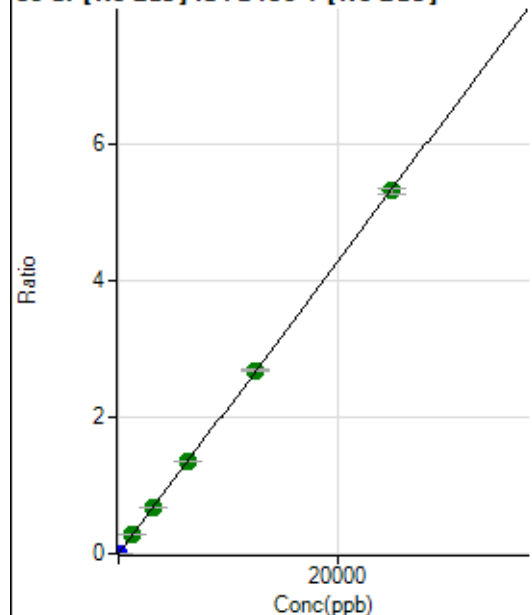
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.44		P	29.7
2	☐			113.33		P	2.9
3	☐			107.78		P	12.5
4	☐			137.78		P	7.4
5	☐			98.89		P	14.0
6	☐			96.67		P	3.5
7	☐			113.34		P	10.6
8	☐			163.33		P	19.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	223.34	0.0000	P	16.0
2	☐	1.000	0.875	2190.18	0.0002	P	6.4
3	☐	1250.000	1286.569	2887296.21	0.2740	A	1.8
4	☐	3125.000	3159.264	7041882.12	0.6728	A	0.8
5	☐	6250.000	6333.382	13805069.93	1.3487	A	0.7
6	☐	12500.000	12593.337	26975564.88	2.6817	A	0.6
7	☐	25000.000	24926.374	53163580.87	5.3079	A	1.3
8	☐			18488.28	0.0020	P	35.2

$$y = 2.1294\text{E-}004 * x + 2.1335\text{E-}005$$

$$R = 1.0000$$

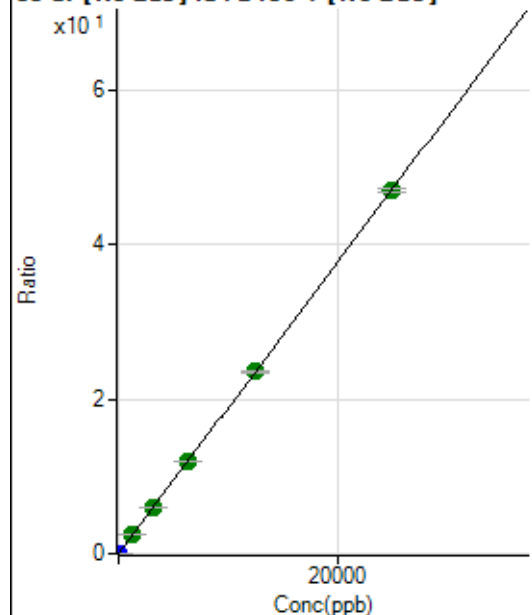
$$DL = 0.04799$$

$$BEC = 0.1002$$

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	162.22	0.0000	P	7.7
2	☐	1.000	0.889	17761.92	0.0017	P	1.7
3	☐	1250.000	1278.681	25309252.96	2.4018	A	2.3
4	☐	3125.000	3157.461	62075593.52	5.9307	A	1.2
5	☐	6250.000	6344.460	121982214.8	11.9168	A	0.5
6	☐	12500.000	12525.573	236663769.8	23.5268	A	0.8
7	☐	25000.000	24958.107	469535264.1	46.8788	A	0.9
8	☐			161094.91	0.0171	P	35.5

$$y = 0.0019 * x + 1.5488\text{E-}005$$

$$R = 1.0000$$

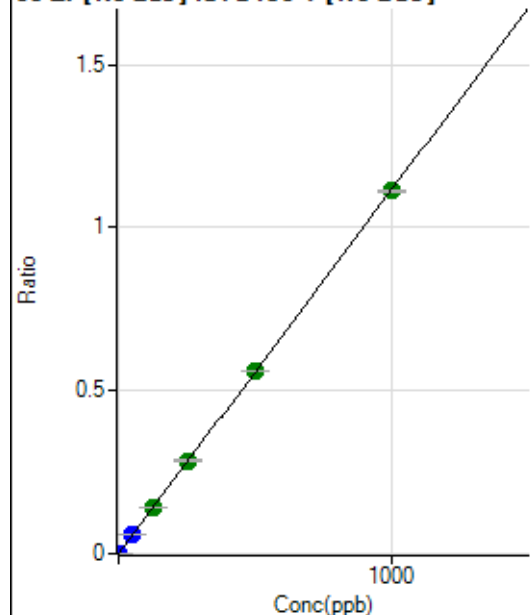
$$DL = 0.001894$$

$$BEC = 0.008246$$

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	373.34	0.0000	P	21.7
2	☐	1.000	0.886	10791.83	0.0010	P	2.1
3	☐	50.000	52.013	611567.42	0.0580	P	2.0
4	☐	125.000	126.005	1471090.47	0.1405	A	0.9
5	☐	250.000	255.914	2921311.35	0.2854	A	0.8
6	☐	500.000	502.052	5631985.40	0.5599	A	0.9
7	☐	1000.000	997.270	11138724.14	1.1121	A	0.7
8	☐			8774.98	0.0009	P	18.3

$$y = 0.0011 * x + 3.5552E-005$$

$$R = 1.0000$$

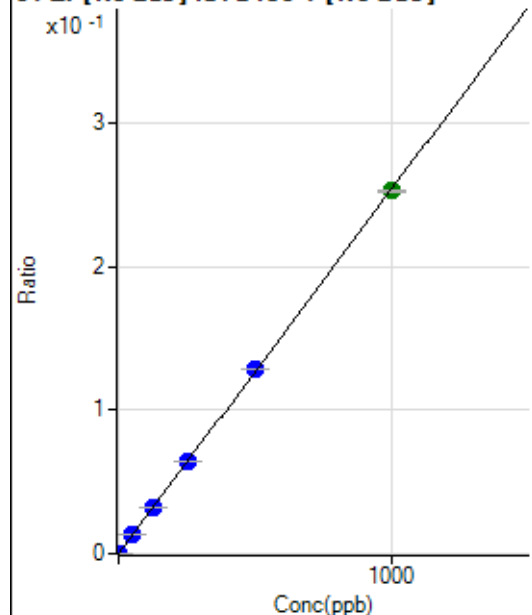
$$DL = 0.02076$$

$$BEC = 0.03188$$

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	62.22	0.0000	P	44.6
2	☐	1.000	0.888	2436.89	0.0002	P	4.5
3	☐	50.000	51.194	136983.91	0.0130	P	1.9
4	☐	125.000	125.698	333977.62	0.0319	P	1.1
5	☐	250.000	253.049	657450.53	0.0642	P	0.8
6	☐	500.000	506.693	1293676.91	0.1286	P	0.9
7	☐	1000.000	995.744	2531594.94	0.2527	A	0.7
8	☐			1953.48	0.0002	P	15.1

$$y = 2.5380E-004 * x + 5.9106E-006$$

$$R = 1.0000$$

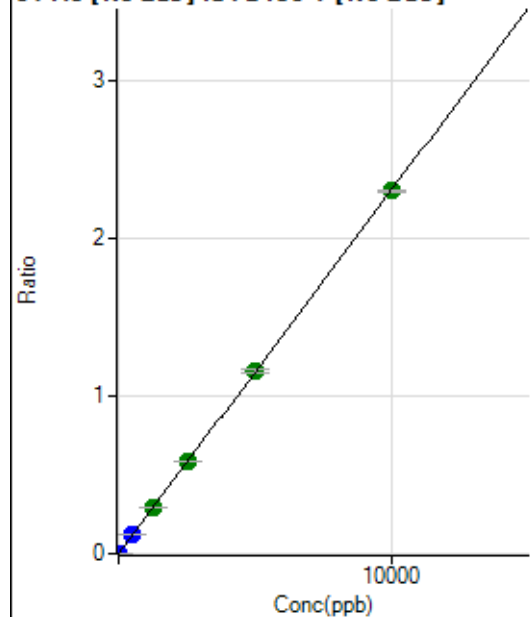
$$DL = 0.03116$$

$$BEC = 0.02329$$

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	140.00	0.0000	P	20.8
2	☐	5.000	5.098	12513.21	0.0012	P	1.2
3	☐	500.000	520.510	1262966.36	0.1198	P	1.7
4	☐	1250.000	1268.892	3057664.74	0.2921	A	1.6
5	☐	2500.000	2522.582	5944830.68	0.5808	A	0.5
6	☐	5000.000	5029.502	11647674.41	1.1579	A	1.4
7	☐	10000.000	9976.217	23004857.99	2.2968	A	0.8
8	☐			13146.19	0.0014	P	22.5

$$y = 2.3022\text{E-}004 * x + 1.3356\text{E-}005$$

$$R = 1.0000$$

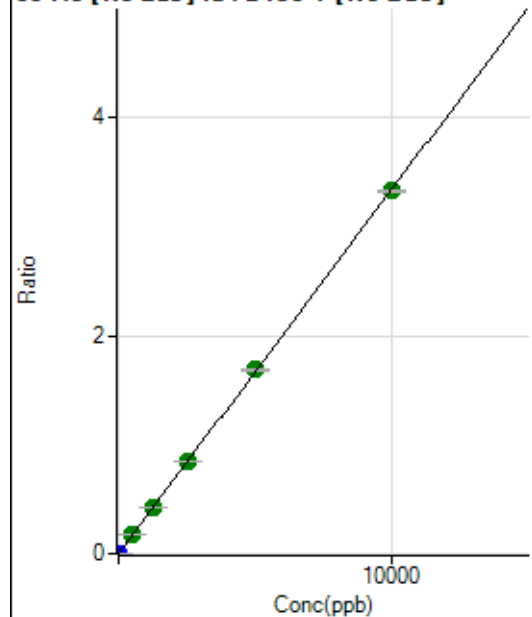
$$DL = 0.03623$$

$$BEC = 0.05801$$

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	33.33	0.0000	P	34.8
2	☐	5.000	4.393	15482.71	0.0015	P	2.0
3	☐	500.000	514.607	1809710.11	0.1717	A	0.6
4	☐	1250.000	1257.768	4392754.90	0.4197	A	0.8
5	☐	2500.000	2528.102	8634831.05	0.8436	A	0.4
6	☐	5000.000	5047.571	16942288.36	1.6842	A	0.4
7	☐	10000.000	9967.488	33312792.84	3.3259	A	0.6
8	☐			16662.22	0.0018	P	25.3

$$y = 3.3367\text{E-}004 * x + 3.1766\text{E-}006$$

$$R = 1.0000$$

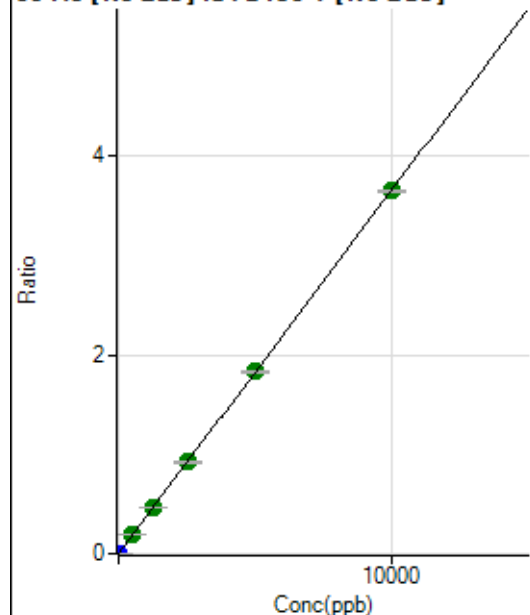
$$DL = 0.009949$$

$$BEC = 0.00952$$

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	70.00	0.0000	P	11.5
2	☐	5.000	4.382	16951.01	0.0016	P	2.0
3	☐	500.000	507.735	1955787.35	0.1856	A	1.2
4	☐	1250.000	1253.416	4795072.04	0.4581	A	0.2
5	☐	2500.000	2519.113	9424350.14	0.9207	A	0.7
6	☐	5000.000	5015.977	18441152.09	1.8332	A	1.2
7	☐	10000.000	9986.420	36558840.29	3.6499	A	0.2
8	☐			25172.22	0.0027	P	18.5

$$y = 3.6548\text{E-}004 * x + 6.6942\text{E-}006$$

$$R = 1.0000$$

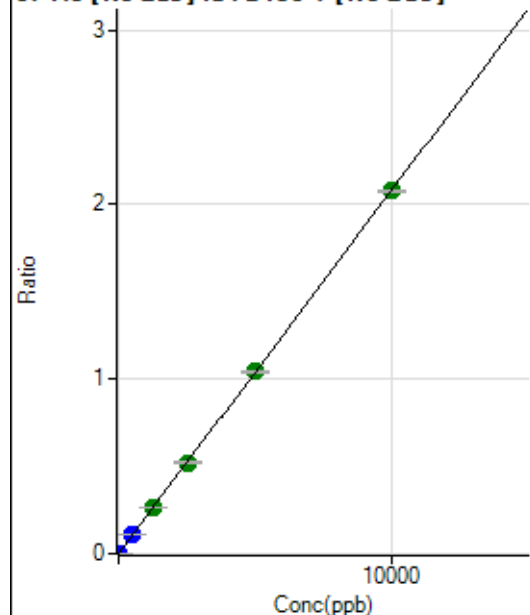
$$DL = 0.006297$$

$$BEC = 0.01832$$

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	25.56	0.0000	P	41.9
2	☐	5.000	4.373	9618.78	0.0009	P	0.5
3	☐	500.000	521.819	1144407.68	0.1086	P	1.7
4	☐	1250.000	1263.922	2753156.70	0.2630	A	1.0
5	☐	2500.000	2511.627	5350131.38	0.5227	A	0.7
6	☐	5000.000	5011.827	10491753.52	1.0430	A	0.8
7	☐	10000.000	9988.349	20820394.14	2.0786	A	0.5
8	☐			10674.14	0.0011	P	22.9

$$y = 2.0811\text{E-}004 * x + 2.4538\text{E-}006$$

$$R = 1.0000$$

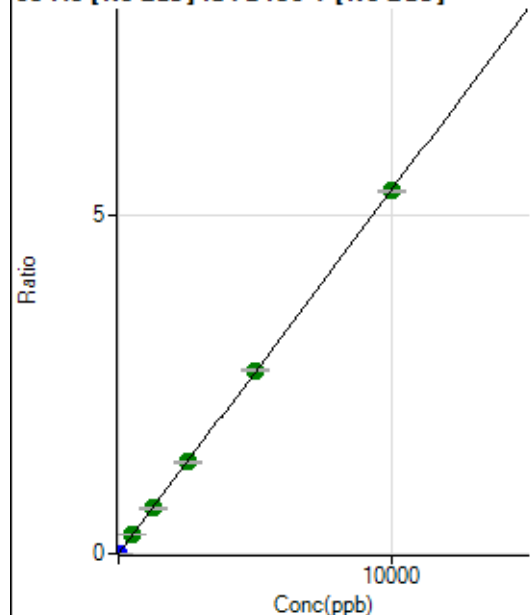
$$DL = 0.01481$$

$$BEC = 0.01179$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.00	0.0000	P	35.6
2	☐	5.000	4.407	25020.39	0.0024	P	1.7
3	☐	500.000	508.870	2881351.31	0.2734	A	2.1
4	☐	1250.000	1249.798	7028739.48	0.6715	A	1.2
5	☐	2500.000	2517.582	13846455.63	1.3527	A	0.5
6	☐	5000.000	5029.576	27184706.82	2.7025	A	1.1
7	☐	10000.000	9980.399	53711569.20	5.3626	A	0.9
8	☐			26904.79	0.0029	P	24.8

$$y = 5.3731E-004 * x + 5.7144E-006$$

$$R = 1.0000$$

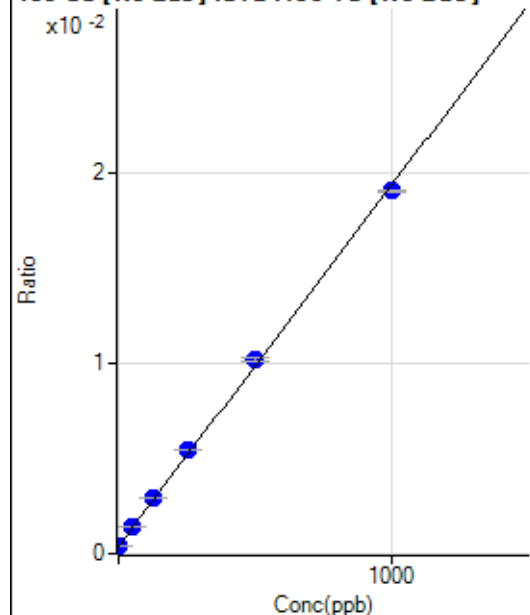
$$DL = 0.01135$$

$$BEC = 0.01064$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3649.40	0.0004	P	2.4
2	☐	1.000	1.842	4003.92	0.0004	P	0.7
3	☐	50.000	53.873	13605.36	0.0014	P	0.9
4	☐	125.000	134.212	28234.12	0.0029	P	1.0
5	☐	250.000	267.191	52013.74	0.0055	P	0.4
6	☐	500.000	518.510	97150.79	0.0102	P	1.4
7	☐	1000.000	985.101	180319.57	0.0191	P	0.5
8	☐			3493.79	0.0004	P	4.5

$$y = 1.8957E-005 * x + 3.8691E-004$$

$$R = 0.9996$$

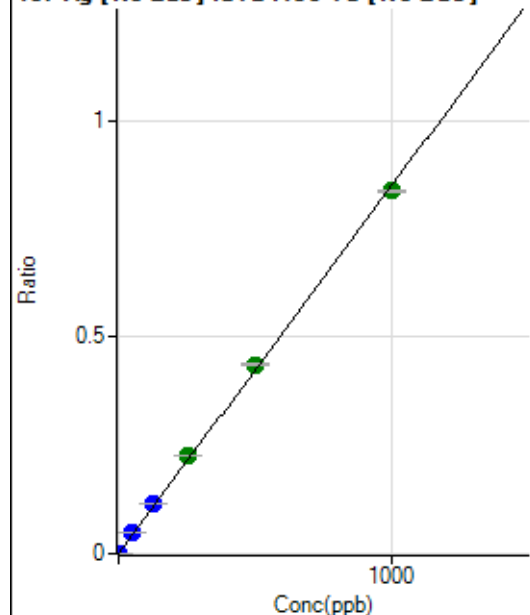
$$DL = 1.465$$

$$BEC = 20.41$$

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	82.22	0.0000	P	12.9
2	☐	1.000	0.971	7907.77	0.0008	P	1.7
3	☐	50.000	56.371	462397.80	0.0479	P	0.9
4	☐	125.000	137.614	1125255.97	0.1168	P	0.6
5	☐	250.000	267.523	2166415.73	0.2271	A	1.0
6	☐	500.000	514.303	4151262.96	0.4366	A	0.6
7	☐	1000.000	986.572	7922276.97	0.8374	A	0.7
8	☐			7565.16	0.0009	P	58.8

$$y = 8.4883\text{E-}004 * x + 8.7051\text{E-}006$$

$$R = 0.9996$$

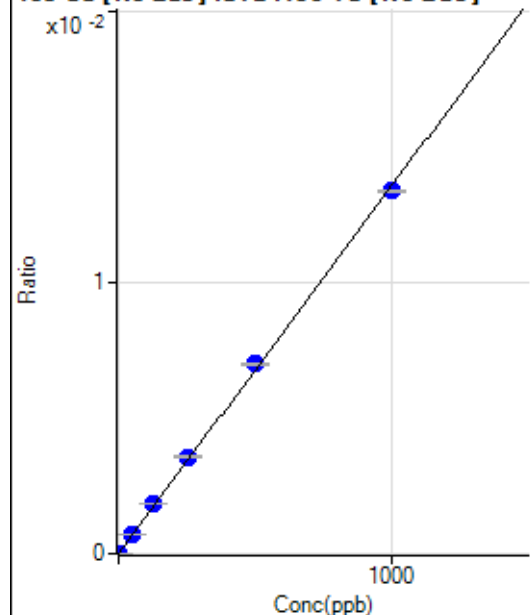
$$DL = 0.00397$$

$$BEC = 0.01026$$

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	6.67	0.0000	P	48.9
2	☐	1.000	1.105	148.89	0.0000	P	20.2
3	☐	50.000	54.287	7116.25	0.0007	P	0.6
4	☐	125.000	135.190	17657.50	0.0018	P	0.8
5	☐	250.000	263.846	34123.41	0.0036	P	1.2
6	☐	500.000	515.892	66498.19	0.0070	P	1.0
7	☐	1000.000	987.104	126578.66	0.0134	P	0.3
8	☐			202.22	0.0000	P	8.6

$$y = 1.3554\text{E-}005 * x + 7.0353\text{E-}007$$

$$R = 0.9997$$

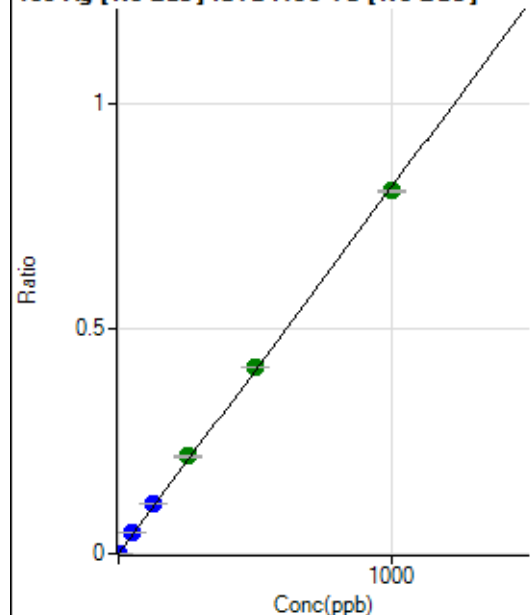
$$DL = 0.07621$$

$$BEC = 0.0519$$

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	35.55	0.0000	P	38.1
2	☐	1.000	0.958	7445.30	0.0008	P	1.2
3	☐	50.000	56.169	442268.17	0.0458	P	1.0
4	☐	125.000	137.024	1075575.70	0.1117	P	0.8
5	☐	250.000	265.310	2062590.65	0.2162	A	1.1
6	☐	500.000	509.017	3944364.94	0.4148	A	0.7
7	☐	1000.000	989.853	7630539.75	0.8066	A	0.5
8	☐			5112.06	0.0006	P	10.9

$$y = 8.1489\text{E-}004 * x + 3.7714\text{E-}006$$

$$R = 0.9998$$

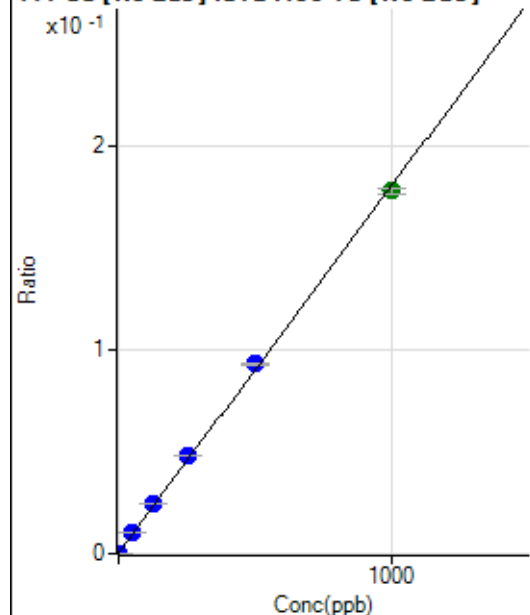
$$DL = 0.005287$$

$$BEC = 0.004628$$

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	2554.36	0.0003	P	2.5
2	☐	1.000	1.059	4384.19	0.0005	P	0.3
3	☐	50.000	55.186	98865.62	0.0102	P	1.2
4	☐	125.000	134.947	237255.66	0.0246	P	0.7
5	☐	250.000	266.759	461980.48	0.0484	P	0.5
6	☐	500.000	515.538	887537.93	0.0933	P	0.5
7	☐	1000.000	986.539	1687249.92	0.1784	A	1.4
8	☐			3683.06	0.0004	P	7.4

$$y = 1.8052\text{E-}004 * x + 2.7082\text{E-}004$$

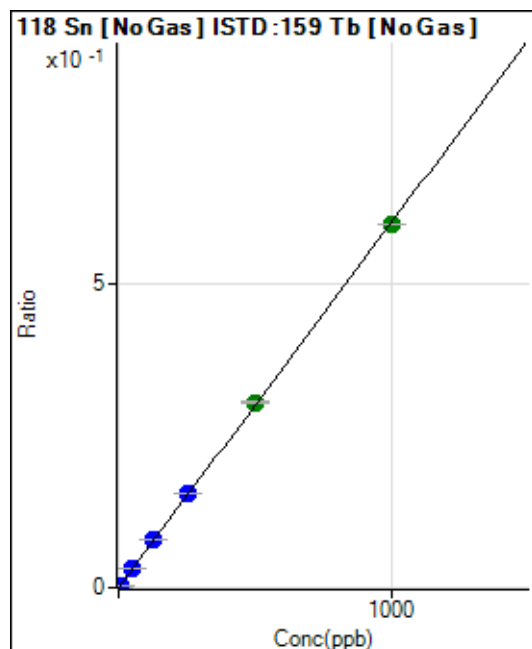
$$R = 0.9996$$

$$DL = 0.1135$$

$$BEC = 1.5$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.83	0.0001	P	4.5
2	☐	5.000	4.662	27699.97	0.0029	P	1.2
3	☐	50.000	52.803	307792.56	0.0319	P	0.5
4	☐	125.000	130.350	755859.80	0.0785	P	0.4
5	☐	250.000	258.380	1482832.46	0.1554	P	0.6
6	☐	500.000	507.654	2902804.33	0.3053	A	0.2
7	☐	1000.000	993.271	5649315.12	0.5972	A	0.0
8	☐			8197.97	0.0010	P	6.9

$$y = 6.0111\text{E-}004 * x + 1.1637\text{E-}004$$

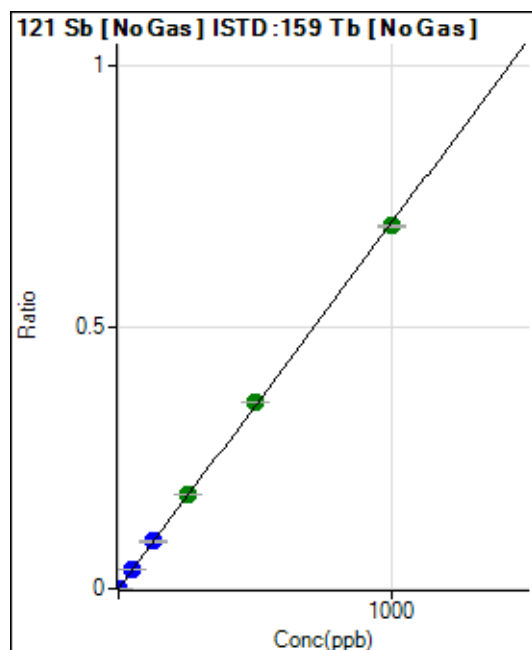
$$R = 0.9999$$

$$DL = 0.02637$$

$$BEC = 0.1936$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	30.3
2	☐	2.000	1.831	12186.37	0.0013	P	1.8
3	☐	50.000	51.927	350942.35	0.0363	P	0.5
4	☐	125.000	129.044	869425.58	0.0903	P	1.0
5	☐	250.000	257.472	1718067.21	0.1801	A	0.6
6	☐	500.000	511.430	3401510.09	0.3577	A	0.4
7	☐	1000.000	991.816	6562696.43	0.6937	A	0.9
8	☐			14190.41	0.0016	P	4.0

$$y = 6.9943\text{E-}004 * x + 3.5369\text{E-}006$$

$$R = 0.9999$$

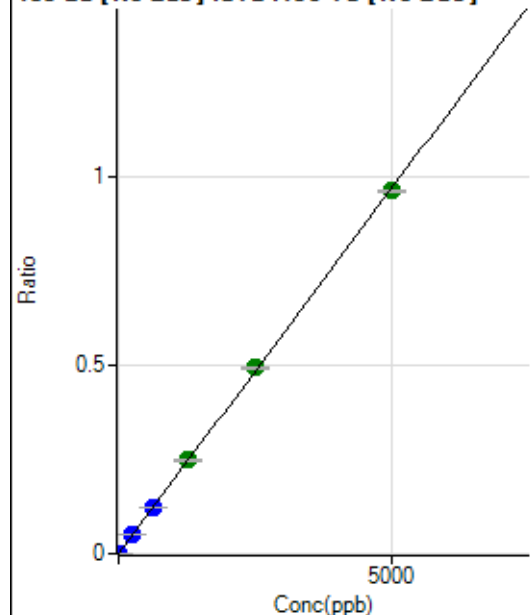
$$DL = 0.00459$$

$$BEC = 0.005057$$

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	10.00	0.0000	P	32.1
2	☐	10.000	9.040	16640.90	0.0018	P	0.5
3	☐	250.000	252.585	472990.97	0.0490	P	0.6
4	☐	625.000	628.228	1172825.87	0.1218	P	0.3
5	☐	1250.000	1288.523	2382264.24	0.2497	A	2.0
6	☐	2500.000	2542.244	4685145.76	0.4927	A	0.6
7	☐	5000.000	4968.717	9110179.79	0.9630	A	0.6
8	☐			8019.02	0.0009	P	14.0

$$y = 1.9381E-004 * x + 1.0569E-006$$

$$R = 0.9999$$

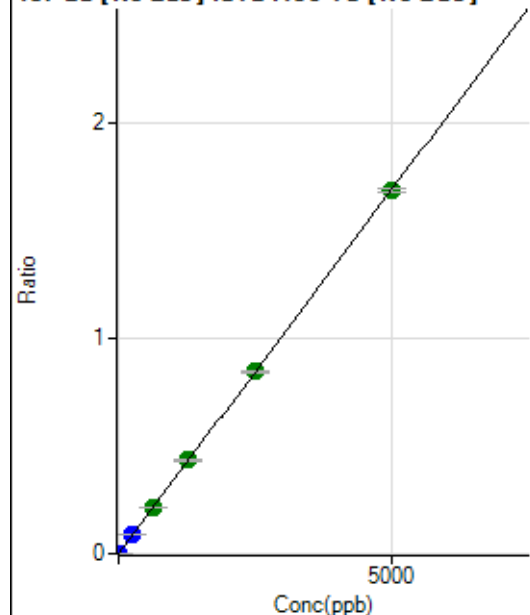
$$DL = 0.005247$$

$$BEC = 0.005453$$

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	24.44	0.0000	P	6.8
2	☐	10.000	8.913	28617.68	0.0030	P	1.5
3	☐	250.000	253.035	826381.87	0.0855	P	0.8
4	☐	625.000	639.562	2082322.56	0.2162	A	1.1
5	☐	1250.000	1285.229	4144292.20	0.4344	A	1.3
6	☐	2500.000	2504.242	8048893.56	0.8465	A	0.5
7	☐	5000.000	4987.102	15947433.09	1.6857	A	1.0
8	☐			13777.98	0.0016	P	12.8

$$y = 3.3801E-004 * x + 2.5899E-006$$

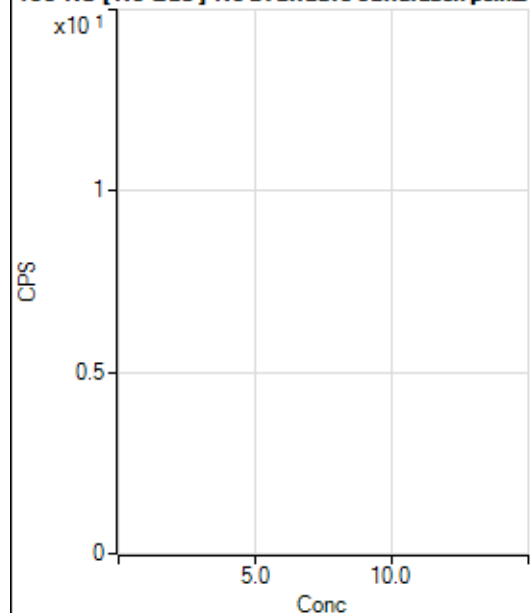
$$R = 1.0000$$

$$DL = 0.001569$$

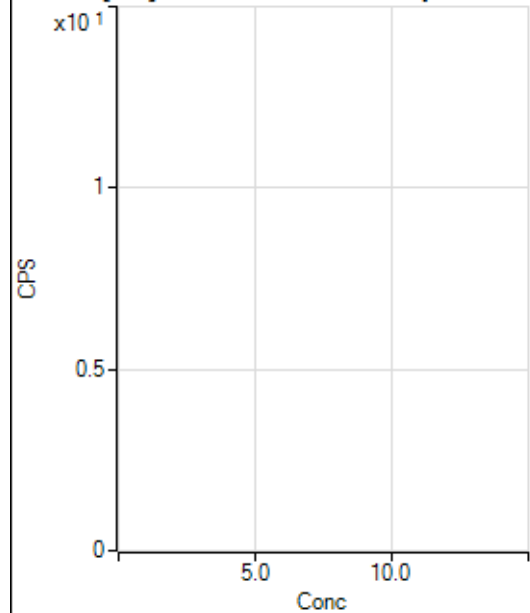
$$BEC = 0.007662$$

Weight: <None>

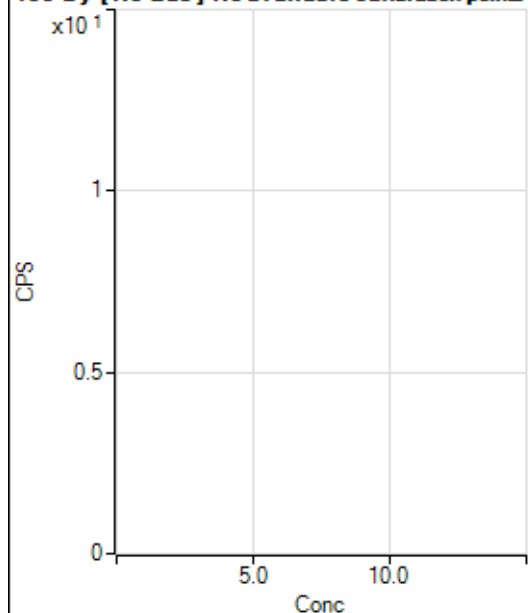
Min Conc: 0

150 Nd [No Gas] No available calibration points

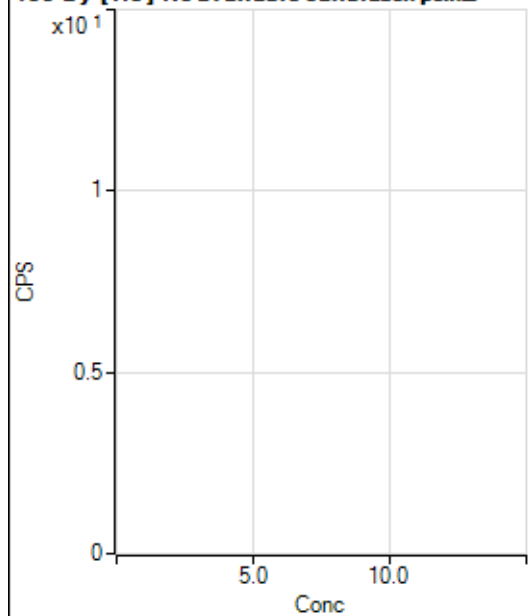
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			13.33		P	50.0
3	☐			47.78		P	22.4
4	☐			108.89		P	11.6
5	☐			215.56		P	17.4
6	☐			412.23		P	9.2
7	☐			816.70		P	0.8
8	☐			313.34		P	4.9

150 Nd [He] No available calibration points

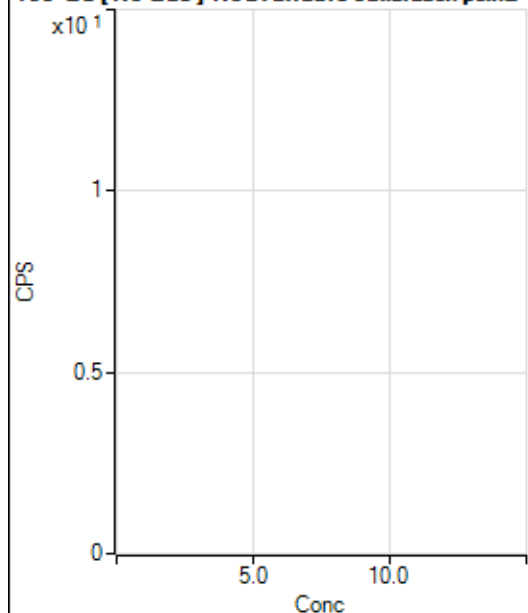
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			2.22		P	86.6
3	☐			12.22		P	63.0
4	☐			26.67		P	25.0
5	☐			63.33		P	38.0
6	☐			91.11		P	18.0
7	☐			206.67		P	3.2
8	☐			165.56		P	10.1

156 Dy [No Gas] No available calibration points

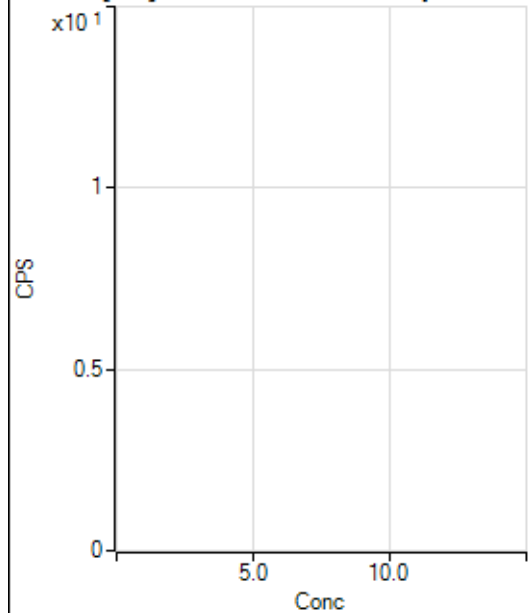
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			5.56		P	91.6
3	☐			37.78		P	44.4
4	☐			77.78		P	10.8
5	☐			124.45		P	8.2
6	☐			283.34		P	6.1
7	☐			542.24		P	2.2
8	☐			1584.55		P	3.7

156 Dy [He] No available calibration points

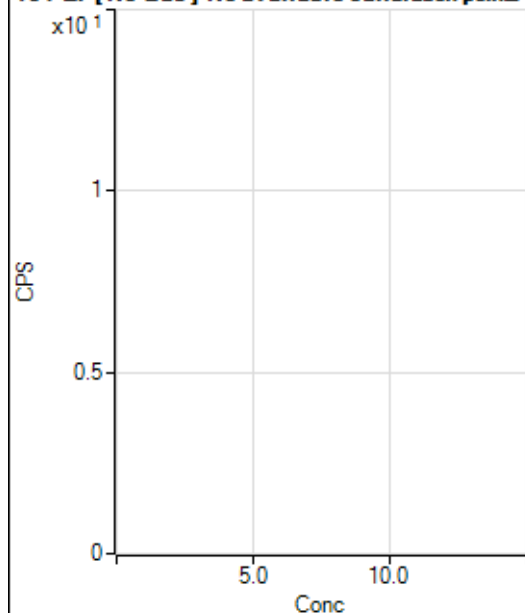
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.44		P	114.
3	☐			45.56		P	56.8
4	☐			74.45		P	14.4
5	☐			138.89		P	7.3
6	☐			262.23		P	3.2
7	☐			577.80		P	9.3
8	☐			1118.95		P	3.8

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

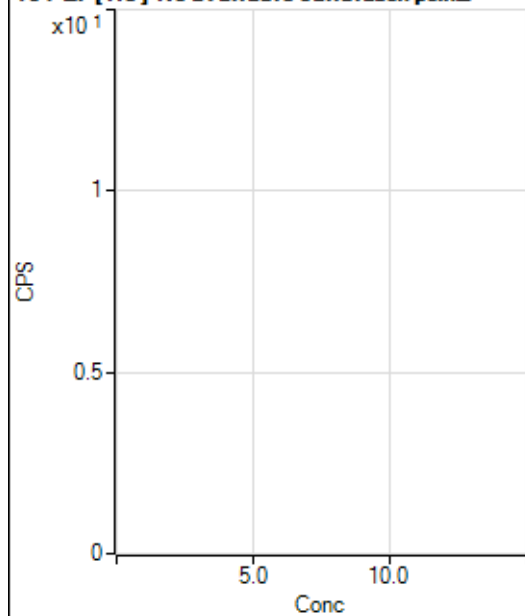
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	63.2
2	☐			33.34		P	17.3
3	☐			60.00		P	33.8
4	☐			75.56		P	13.5
5	☐			151.11		P	18.8
6	☐			250.01		P	8.7
7	☐			472.24		P	14.3
8	☐			1690.12		P	2.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			330.01		P	21.6
2	☐			312.23		P	8.7
3	☐			311.12		P	16.2
4	☐			335.56		P	16.7
5	☐			340.01		P	10.2
6	☐			463.35		P	5.0
7	☐			537.79		P	5.7
8	☐			1425.64		P	8.0

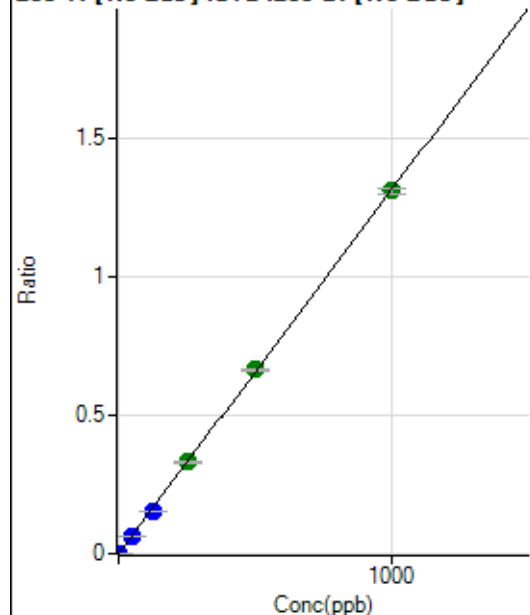
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.67		P	41.8
2	☐			64.45		P	6.0
3	☐			105.55		P	22.2
4	☐			108.89		P	10.7
5	☐			152.23		P	1.3
6	☐			168.89		P	4.1
7	☐			247.78		P	9.0
8	☐			270.01		P	2.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	27.7
2	☐			43.33		P	35.3
3	☐			57.78		P	40.5
4	☐			54.44		P	14.1
5	☐			74.45		P	14.4
6	☐			83.33		P	17.4
7	☐			152.23		P	9.9
8	☐			162.23		P	25.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	25.0
2	☐	1.000	0.810	6181.46	0.0011	P	0.8
3	☐	50.000	47.173	358701.11	0.0619	P	0.9
4	☐	125.000	116.976	889024.20	0.1535	P	1.2
5	☐	250.000	251.618	1879203.37	0.3301	A	1.2
6	☐	500.000	506.045	3716364.01	0.6638	A	1.4
7	☐	1000.000	997.717	7179527.46	1.3088	A	1.3
8	☐			4244.05	0.0009	P	15.5

$$y = 0.0013 * x + 8.9752E-006$$

$$R = 0.9999$$

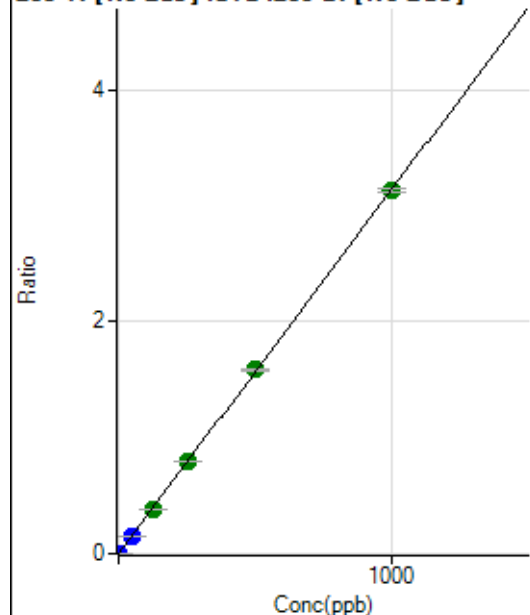
$$DL = 0.005128$$

$$BEC = 0.006842$$

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	146.67	0.0000	P	6.4
2	☐	1.000	0.814	14882.67	0.0026	P	2.7
3	☐	50.000	46.883	853369.16	0.1472	P	0.6
4	☐	125.000	123.192	2241073.72	0.3868	A	1.2
5	☐	250.000	252.515	4514607.92	0.7929	A	0.7
6	☐	500.000	505.741	8890319.31	1.5880	A	1.0
7	☐	1000.000	996.883	17171260.16	3.1302	A	1.1
8	☐			10159.49	0.0022	P	16.4

$$y = 0.0031 * x + 2.5661E-005$$

$$R = 1.0000$$

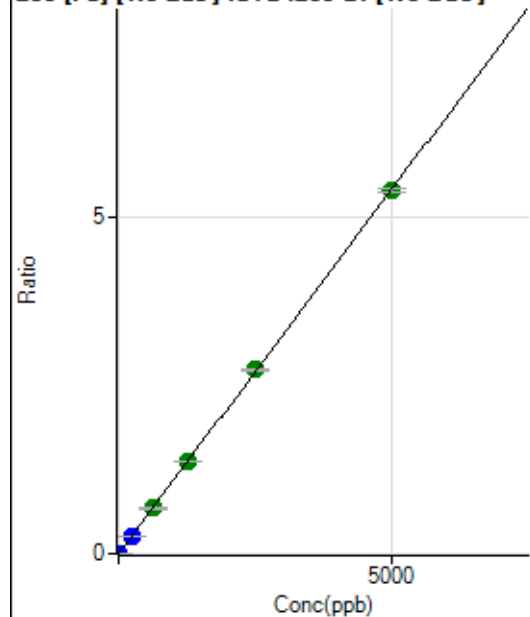
$$DL = 0.001572$$

$$BEC = 0.008172$$

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	312.23	0.0001	P	6.0
2	☐	1.000	0.792	5243.28	0.0009	P	0.4
3	☐	250.000	235.911	1475340.36	0.2546	P	1.1
4	☐	625.000	622.692	3891968.80	0.6718	A	0.8
5	☐	1250.000	1262.050	7751977.45	1.3615	A	0.6
6	☐	2500.000	2529.982	15279864.63	2.7294	A	1.2
7	☐	5000.000	4982.989	29489460.12	5.3757	A	1.0
8	☐			23268.05	0.0050	P	14.1

$$y = 0.0011 * x + 5.4694E-005$$

$$R = 1.0000$$

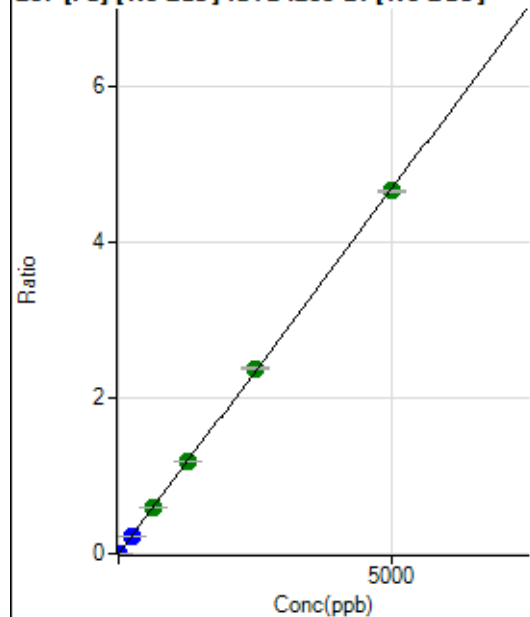
$$DL = 0.00918$$

$$BEC = 0.0507$$

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	260.00	0.0000	P	4.9
2	☐	1.000	0.782	4480.78	0.0008	P	0.8
3	☐	250.000	235.617	1277979.69	0.2205	P	0.9
4	☐	625.000	628.893	3409108.80	0.5885	A	1.0
5	☐	1250.000	1268.374	6756750.59	1.1868	A	0.9
6	☐	2500.000	2539.347	13301340.63	2.3759	A	0.6
7	☐	5000.000	4975.966	25540814.62	4.6557	A	0.7
8	☐			19717.95	0.0043	P	13.2

$$y = 9.3563E-004 * x + 4.5505E-005$$

$$R = 0.9999$$

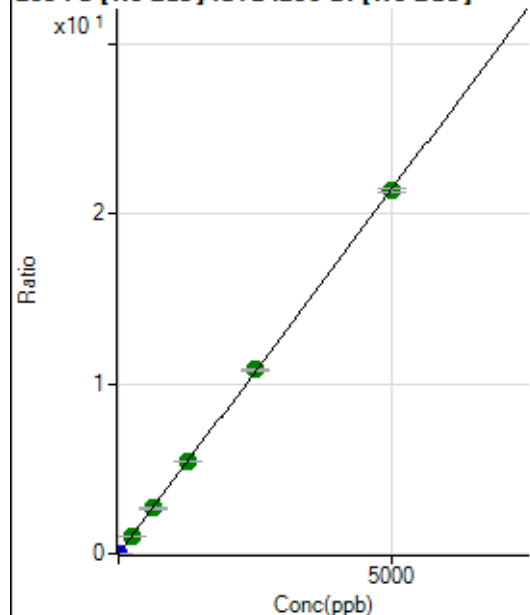
$$DL = 0.007113$$

$$BEC = 0.04864$$

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	1531.17	0.0003	P	5.5
2	☐	1.000	0.791	21088.91	0.0037	P	1.3
3	☐	250.000	242.974	6031047.81	1.0406	A	0.9
4	☐	625.000	621.443	15415827.34	2.6610	A	0.6
5	☐	1250.000	1264.376	30821233.22	5.4137	A	1.2
6	☐	2500.000	2529.077	60621893.96	10.8285	A	0.7
7	☐	5000.000	4982.663	117031331.5	21.3336	A	0.9
8	☐			91872.49	0.0199	P	13.0

$$y = 0.0043 * x + 2.6825E-004$$

$$R = 1.0000$$

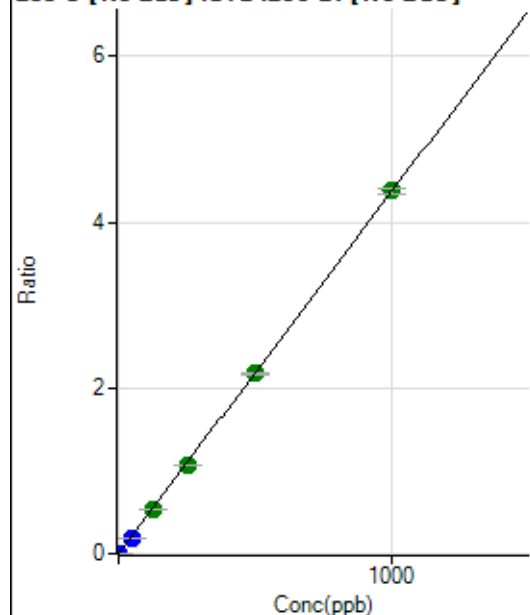
$$DL = 0.01039$$

$$BEC = 0.06265$$

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	16.67	0.0000	P	21.9
2	☐	1.000	0.767	19333.02	0.0034	P	2.7
3	☐	50.000	44.598	1128529.45	0.1947	P	1.4
4	☐	125.000	121.420	3071082.84	0.5301	A	1.7
5	☐	250.000	244.302	6072614.49	1.0666	A	1.3
6	☐	500.000	498.482	12183646.90	2.1763	A	1.3
7	☐	1000.000	1002.901	24018811.86	4.3785	A	1.6
8	☐			10822.41	0.0023	P	21.0

$$y = 0.0044 * x + 2.9252E-006$$

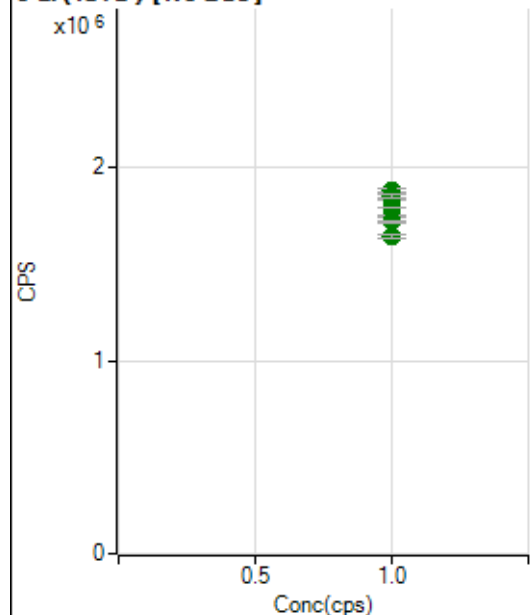
$$R = 1.0000$$

$$DL = 0.000441$$

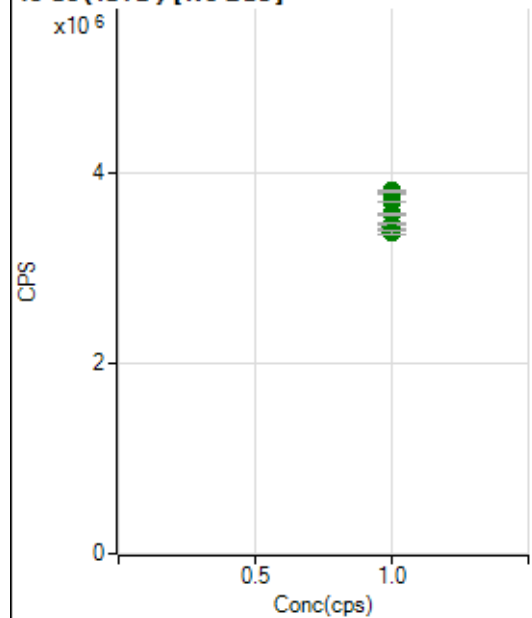
$$BEC = 0.00067$$

Weight: <None>

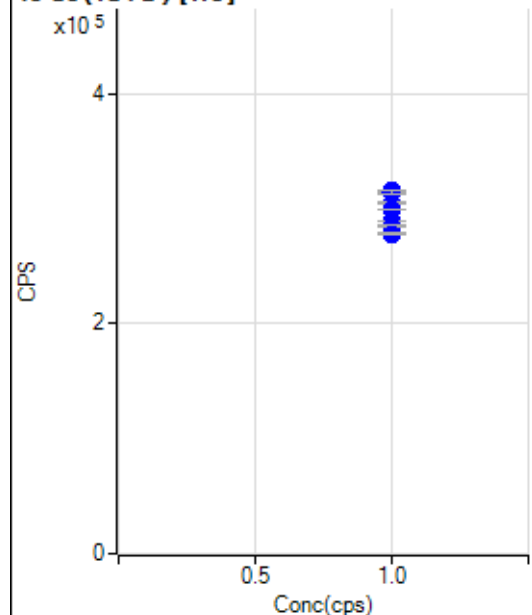
Min Conc: 0

6 Li (ISTD) [No Gas]

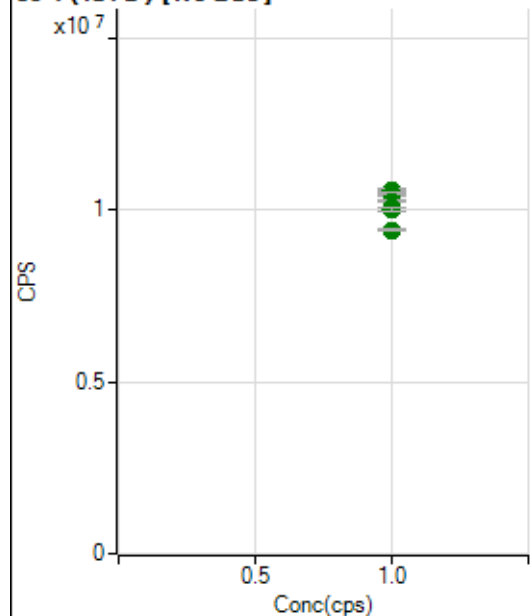
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1835151.03		A	0.6
2	☐	1.000		1868607.28		A	0.4
3	☐	1.000		1879046.31		A	0.9
4	☐	1.000		1852404.14		A	0.7
5	☐	1.000		1794384.28		A	0.1
6	☐	1.000		1747653.38		A	0.7
7	☐	1.000		1721121.94		A	0.5
8	☐	1.000		1646066.78		A	1.4

45 Sc (ISTD) [No Gas]

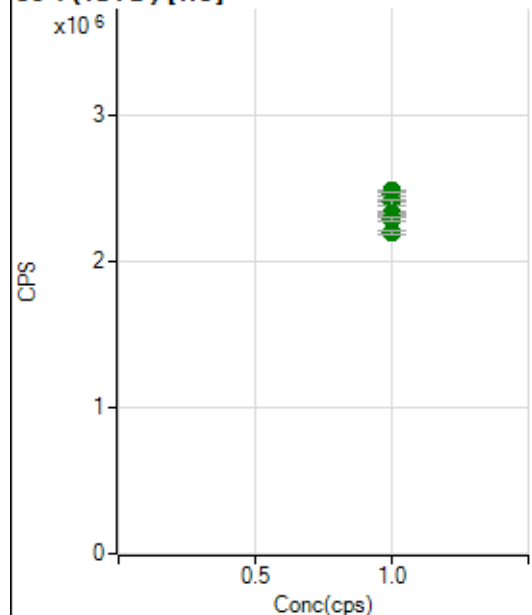
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3786321.13		A	1.2
2	☐	1.000		3805609.07		A	0.1
3	☐	1.000		3801119.91		A	0.8
4	☐	1.000		3690227.13		A	0.3
5	☐	1.000		3560803.25		A	0.4
6	☐	1.000		3429748.98		A	0.8
7	☐	1.000		3456674.53		A	0.9
8	☐	1.000		3369764.36		A	1.7

45 Sc (ISTD) [He]

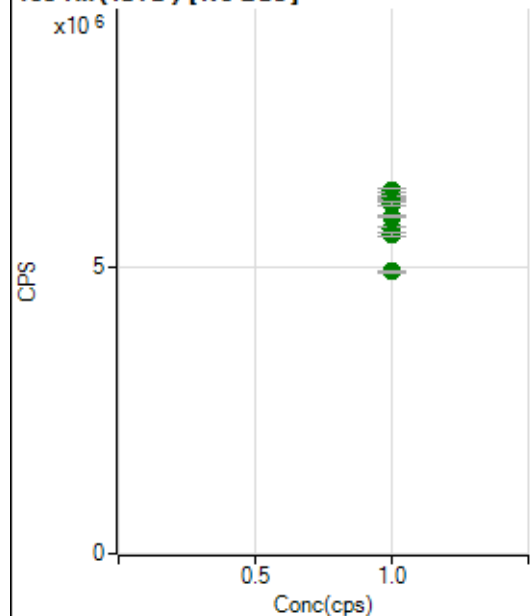
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		315331.51		P	0.4
2	☐	1.000		314012.99		P	0.8
3	☐	1.000		304937.87		P	0.3
4	☐	1.000		299328.88		P	0.3
5	☐	1.000		289113.44		P	0.5
6	☐	1.000		284851.09		P	0.8
7	☐	1.000		284718.25		P	1.0
8	☐	1.000		277880.78		P	0.5

89 Y (ISTD) [No Gas]

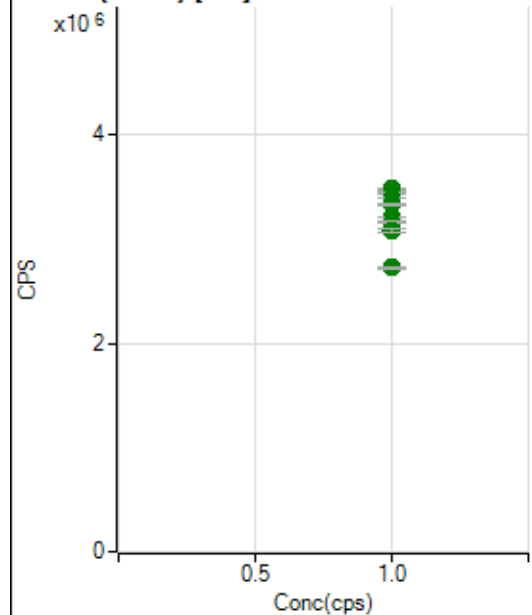
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10472084.01		A	2.0
2	☐	1.000		10540769.77		A	0.6
3	☐	1.000		10539617.83		A	1.2
4	☐	1.000		10467090.33		A	0.6
5	☐	1.000		10236112.62		A	0.7
6	☐	1.000		10059311.86		A	0.4
7	☐	1.000		10016606.17		A	1.2
8	☐	1.000		9408047.08		A	0.9

89 Y (ISTD) [He]

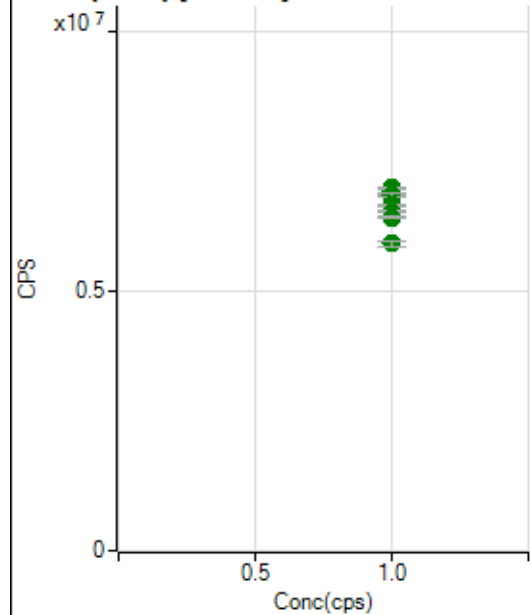
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2483071.70		A	0.7
2	☐	1.000		2462900.69		A	1.3
3	☐	1.000		2413560.00		A	0.6
4	☐	1.000		2404995.99		A	1.4
5	☐	1.000		2332218.44		A	1.0
6	☐	1.000		2325828.02		A	0.9
7	☐	1.000		2286534.79		A	1.1
8	☐	1.000		2202030.97		A	1.1

103 Rh (ISTD) [No Gas]

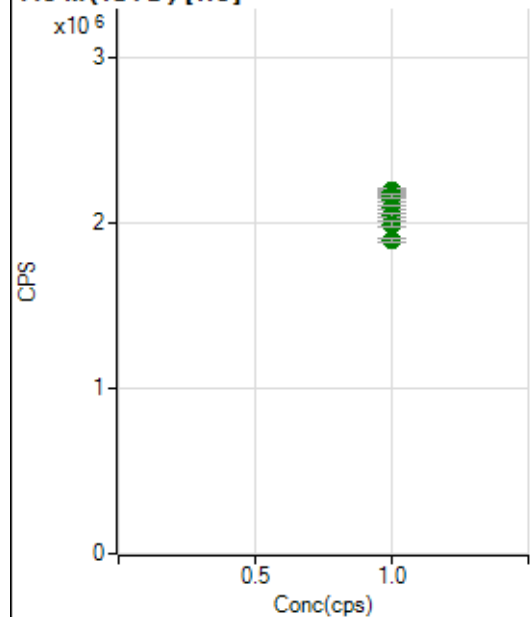
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6261026.78		A	1.5
2	☐	1.000		6325241.36		A	1.0
3	☐	1.000		6202695.53		A	0.6
4	☐	1.000		6105887.96		A	0.8
5	☐	1.000		5879873.32		A	0.8
6	☐	1.000		5658297.55		A	1.5
7	☐	1.000		5557969.22		A	1.0
8	☐	1.000		4927454.68		A	0.7

103 Rh (ISTD) [He]

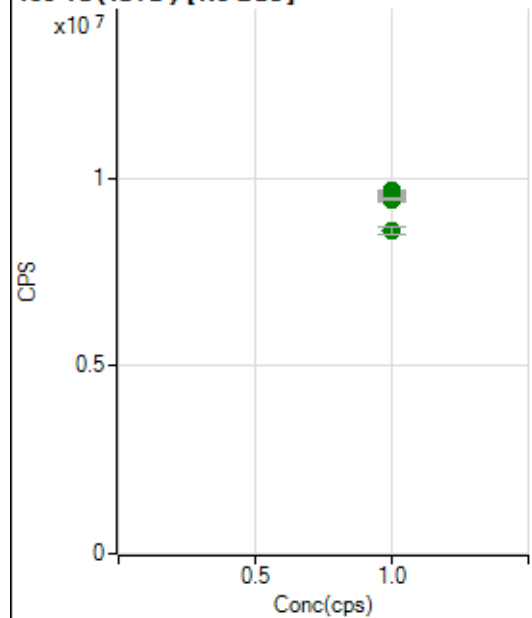
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3477834.19		A	0.7
2	☐	1.000		3445025.09		A	0.6
3	☐	1.000		3392559.67		A	0.4
4	☐	1.000		3329953.25		A	0.7
5	☐	1.000		3209676.37		A	0.2
6	☐	1.000		3159819.36		A	0.7
7	☐	1.000		3076509.85		A	1.1
8	☐	1.000		2719644.54		A	0.7

115 In (ISTD) [No Gas]

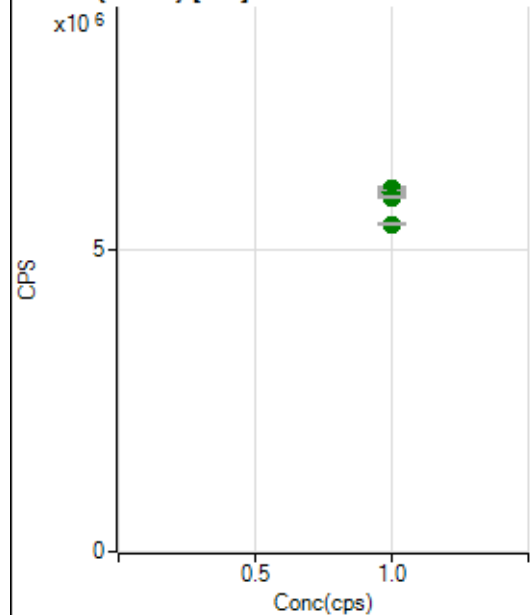
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6929439.43		A	2.0
2	☐	1.000		6993456.67		A	0.5
3	☐	1.000		6981088.13		A	0.4
4	☐	1.000		6856177.47		A	0.9
5	☐	1.000		6666498.87		A	0.6
6	☐	1.000		6535830.23		A	0.4
7	☐	1.000		6420500.30		A	0.7
8	☐	1.000		5912628.60		A	1.4

115 In (ISTD) [He]

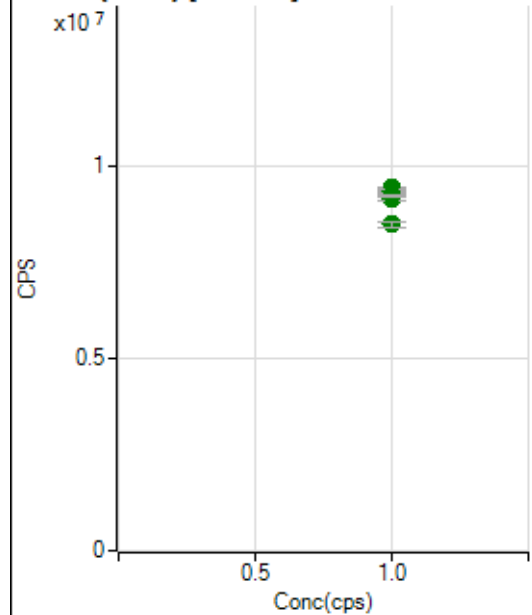
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2190868.43		A	0.4
2	☐	1.000		2185307.75		A	2.4
3	☐	1.000		2134951.41		A	0.7
4	☐	1.000		2154777.36		A	1.1
5	☐	1.000		2090292.92		A	0.9
6	☐	1.000		2043085.17		A	1.2
7	☐	1.000		1987704.58		A	1.6
8	☐	1.000		1894039.26		A	0.9

159 Tb (ISTD) [No Gas]

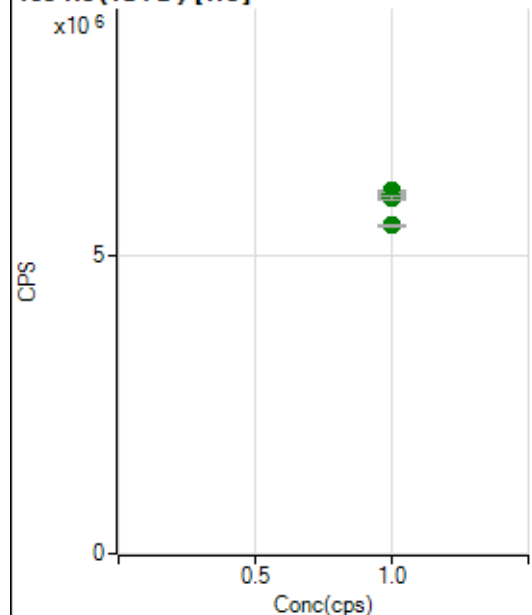
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9433877.64		A	1.4
2	☐	1.000		9491817.22		A	0.9
3	☐	1.000		9661824.16		A	0.2
4	☐	1.000		9632350.55		A	0.3
5	☐	1.000		9540424.58		A	0.9
6	☐	1.000		9509054.44		A	0.8
7	☐	1.000		9460021.53		A	0.7
8	☐	1.000		8605135.98		A	1.9

159 Tb (ISTD) [He]

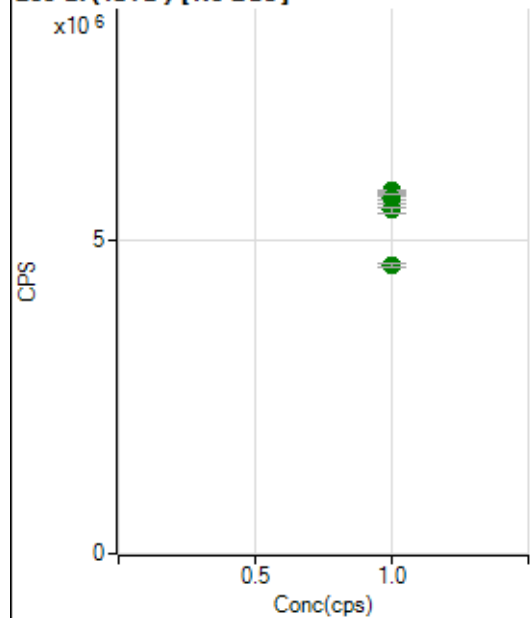
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6027304.22		A	1.0
2	☐	1.000		5991346.30		A	1.2
3	☐	1.000		6016551.23		A	0.3
4	☐	1.000		5962329.57		A	1.0
5	☐	1.000		5971642.97		A	0.2
6	☐	1.000		5972043.52		A	1.3
7	☐	1.000		5883616.30		A	0.7
8	☐	1.000		5446888.39		A	0.5

165 Ho (ISTD) [No Gas]

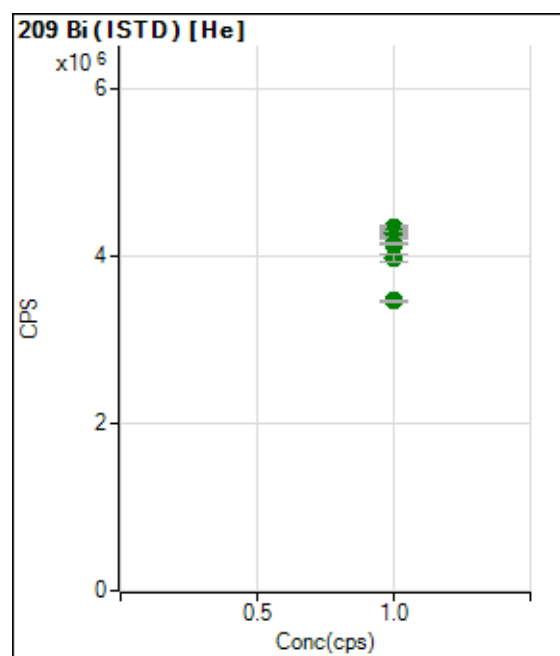
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9144914.93		A	1.7
2	☐	1.000		9318794.93		A	0.9
3	☐	1.000		9412985.07		A	0.8
4	☐	1.000		9372838.47		A	0.2
5	☐	1.000		9285332.99		A	1.0
6	☐	1.000		9311938.61		A	1.1
7	☐	1.000		9206367.78		A	0.8
8	☐	1.000		8476521.68		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5983341.78		A	1.0
2	☐	1.000		6034983.45		A	0.7
3	☐	1.000		6011834.63		A	1.1
4	☐	1.000		6071571.79		A	0.4
5	☐	1.000		6056314.91		A	0.9
6	☐	1.000		6013232.76		A	0.7
7	☐	1.000		5941136.23		A	1.1
8	☐	1.000		5487907.14		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5712775.96		A	2.3
2	☐	1.000		5767539.29		A	1.8
3	☐	1.000		5796093.46		A	0.9
4	☐	1.000		5793255.96		A	0.3
5	☐	1.000		5693913.46		A	1.7
6	☐	1.000		5598400.12		A	0.2
7	☐	1.000		5486161.10		A	1.5
8	☐	1.000		4605542.95		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4337380.25		A	1.4
2	☐	1.000		4305003.79		A	1.2
3	☐	1.000		4303914.55		A	1.5
4	☐	1.000		4279127.50		A	0.8
5	☐	1.000		4213729.24		A	0.6
6	☐	1.000		4148150.67		A	1.0
7	☐	1.000		3977131.54		A	1.8
8	☐	1.000		3464989.81		A	0.9