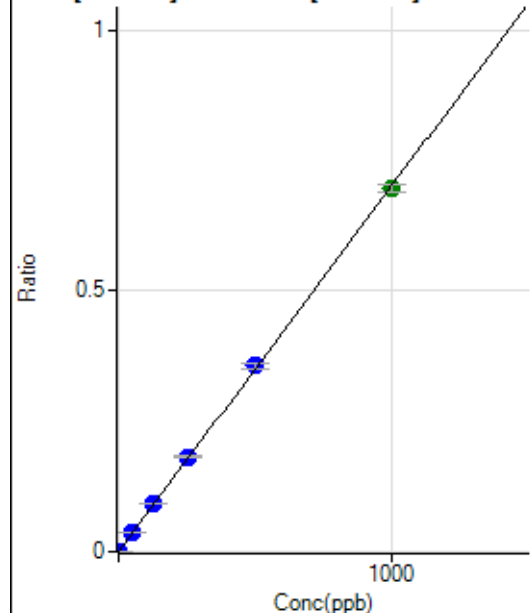


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021323 MS.b\
Analysis File: P8021323 MS.batch.bin
DA Date-Time: 2023-02-13 11:18:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-13 10:26:18
2	006CALS.d	S02	2023-02-13 10:32:42
3	007CALS.d	S03	2023-02-13 10:35:53
4	008CALS.d	S04	2023-02-13 10:39:04
5	009CALS.d	S05	2023-02-13 10:42:10
6	010CALS.d	S06	2023-02-13 10:45:19
7	011CALS.d	S07	2023-02-13 10:48:25
8	012CALS.d	S08	2023-02-13 10:51:34

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.49	0.0000	P	35.7
2	☐	1.000	1.008	1683.22	0.0007	P	5.7
3	☐	50.000	52.415	85098.88	0.0367	P	3.3
4	☐	125.000	132.008	213772.40	0.0925	P	2.2
5	☐	250.000	259.191	416522.11	0.1816	P	1.4
6	☐	500.000	508.278	801344.73	0.3561	P	2.8
7	☐	1000.000	992.567	1535415.12	0.6953	A	2.2
8	☐			707.01	0.0003	P	16.5

$$y = 7.0051\text{E-}004 * x + 2.0214\text{E-}005$$

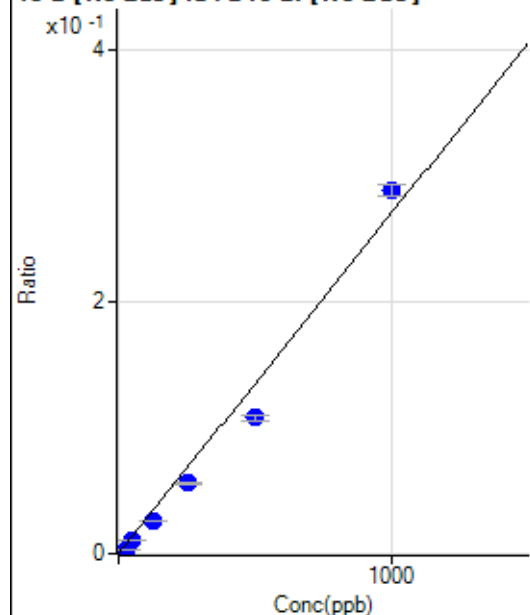
$$R = 0.9999$$

$$DL = 0.03093$$

$$BEC = 0.02886$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.31	0.0001	P	15.2
2	☐	25.000	9.465	6075.41	0.0026	P	3.1
3	☐	50.000	38.791	24460.09	0.0106	P	1.2
4	☐	125.000	96.635	60586.47	0.0262	P	1.3
5	☐	250.000	207.423	128863.12	0.0562	P	2.2
6	☐	500.000	399.862	243568.93	0.1082	P	4.2
7	☐	1000.000	1065.208	636471.64	0.2882	P	3.0
8	☐			26619.45	0.0119	P	8.7

$$y = 2.7054\text{E-}004 * x + 6.1711\text{E-}005$$

$$R = 0.9925$$

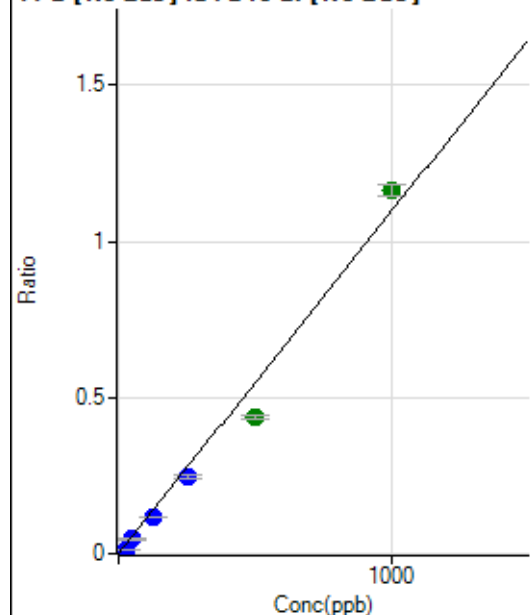
$$DL = 0.1037$$

$$BEC = 0.2281$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	700.55	0.0003	P	6.3
2	☐	25.000	9.937	25915.68	0.0112	P	3.5
3	☐	50.000	42.027	107421.85	0.0464	P	1.5
4	☐	125.000	106.255	269954.94	0.1168	P	1.9
5	☐	250.000	224.227	564469.90	0.2461	P	3.3
6	☐	500.000	400.916	989894.20	0.4398	A	2.8
7	☐	1000.000	1059.103	2564337.99	1.1612	A	3.3
8	☐			115751.69	0.0516	P	10.1

$$y = 0.0011 * x + 2.9737E-004$$

$$R = 0.9931$$

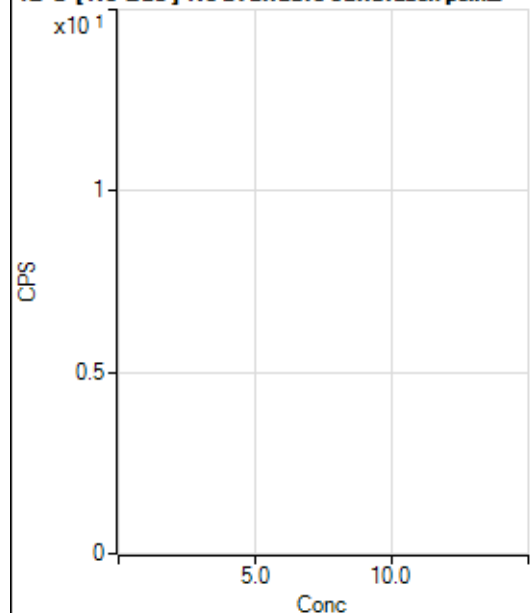
$$DL = 0.05107$$

$$BEC = 0.2713$$

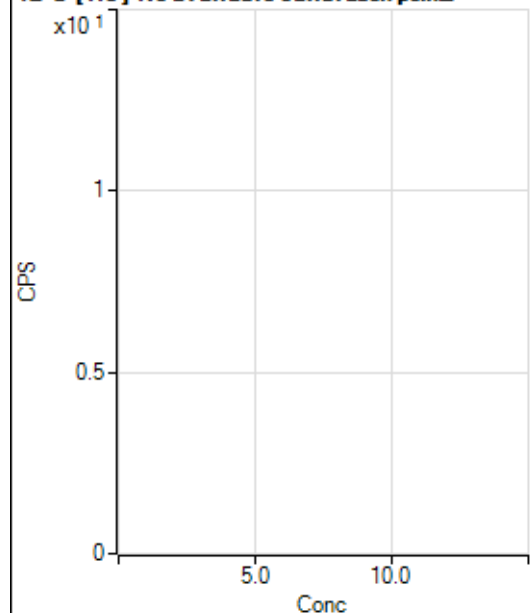
Weight: <None>

Min Conc: 0

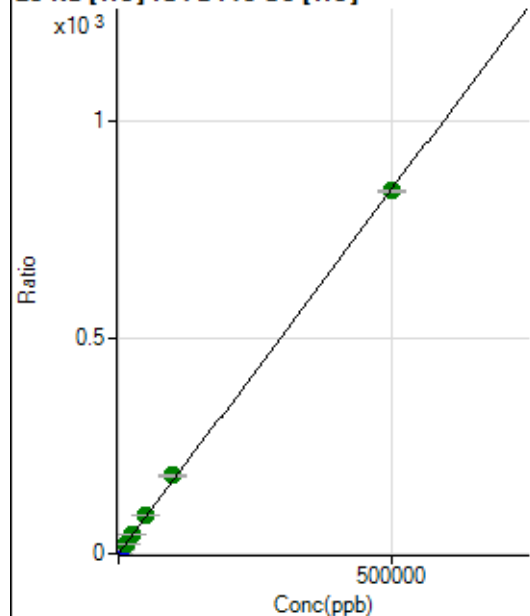
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3592534.02		A	1.8
2	☐			3403542.09		A	1.1
3	☐			3801408.72		A	1.1
4	☐			4154013.37		A	3.1
5	☐			3872377.56		A	1.3
6	☐			4081832.60		A	1.9
7	☐			4092480.30		A	1.2
8	☐			3673236.84		A	2.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38949.43		P	1.8
2	☐			37587.49		P	1.0
3	☐			43216.77		P	1.9
4	☐			45050.23		P	1.6
5	☐			44888.66		P	2.1
6	☐			47156.87		P	0.6
7	☐			48188.17		P	1.6
8	☐			45022.46		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12263.82	0.1357	P	0.8
2	☐	500.000	459.294	82774.07	0.9088	P	1.7
3	☐	5000.000	5284.529	798853.17	9.0313	P	3.7
4	☐	12500.000	13552.597	2039812.72	22.9493	A	1.8
5	☐	25000.000	26932.896	3944905.77	45.4728	A	0.9
6	☐	50000.000	52604.389	7663352.60	88.6866	A	0.8
7	☐	100000.00	107229.57	15768024.48	180.6392	A	1.8
8	☐	500000.00	498167.88	73010636.35	838.7199	A	0.8

$$y = 0.0017 * x + 0.1357$$

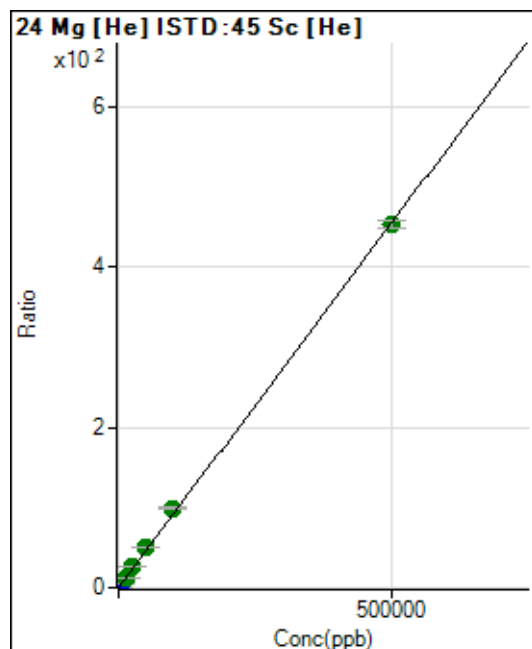
$$R = 0.9999$$

$$DL = 1.839$$

$$BEC = 80.61$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2550.30	0.0282	P	6.4
2	☐	500.000	460.781	40718.84	0.4471	P	3.5
3	☐	5000.000	5464.432	441923.77	4.9959	P	3.0
4	☐	12500.000	14167.941	1147264.75	12.9082	A	2.0
5	☐	25000.000	28015.878	2212075.29	25.4973	A	2.3
6	☐	50000.000	54476.652	4281814.37	49.5526	A	0.8
7	☐	100000.00	109254.50	8671373.72	99.3507	A	0.9
8	☐	500000.00	497504.33	39370030.74	452.3059	A	2.1

$$y = 9.0909\text{E-}004 * x + 0.0282$$

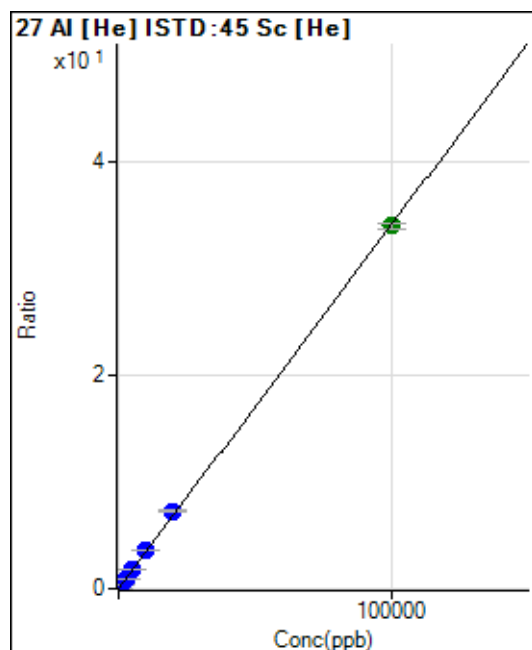
R = 0.9998

DL = 6.001

BEC = 31.04

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	390.79	0.0043	P	9.7
2	☐	20.000	8.102	645.77	0.0071	P	8.6
3	☐	1000.000	1039.953	31794.75	0.3595	P	3.1
4	☐	2500.000	2675.904	81587.64	0.9181	P	3.4
5	☐	5000.000	5295.171	157251.60	1.8125	P	1.3
6	☐	10000.000	10642.996	314431.45	3.6387	P	2.1
7	☐	20000.000	21303.112	635298.24	7.2790	P	1.2
8	☐	100000.00	99655.525	2962756.33	34.0349	A	1.6

$$y = 3.4148\text{E-}004 * x + 0.0043$$

R = 0.9999

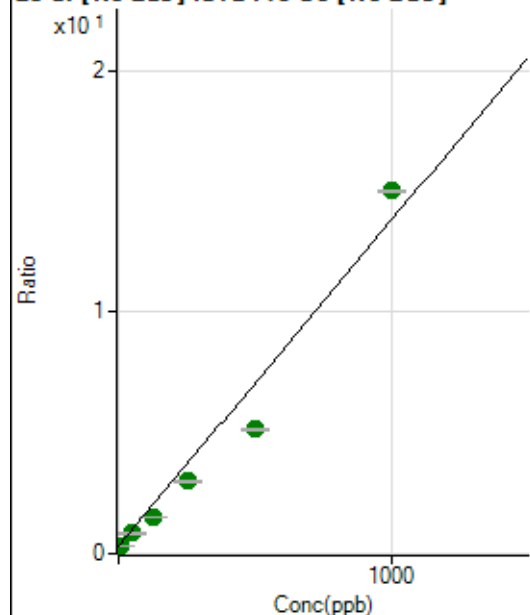
DL = 3.689

BEC = 12.67

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	936771.43	0.3223	A	5.0
2	☐	10.000	-0.098	951897.91	0.3210	A	2.4
3	☐	50.000	38.429	2397184.19	0.8403	A	3.0
4	☐	125.000	87.096	4458915.16	1.4964	A	0.6
5	☐	250.000	198.144	8621878.40	2.9933	A	1.6
6	☐	500.000	358.451	14751548.94	5.1543	A	1.9
7	☐	1000.000	1089.156	43878809.66	15.0042	A	0.4
8	☐			1108392.22	0.3741	A	2.8

$$y = 0.0135 * x + 0.3223$$

$$R = 0.9857$$

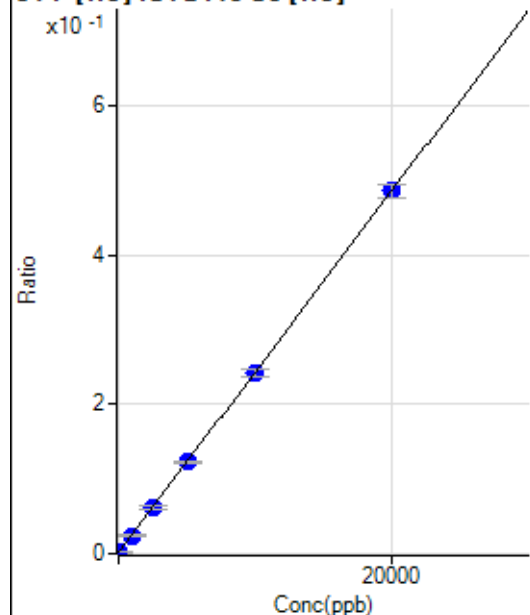
$$DL = 3.582$$

$$BEC = 23.91$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.255	116.67	0.0013	P	21.7
2	☐	0.000	9.255	158.34	0.0017	P	16.2
3	☐	1000.000	925.410	2114.10	0.0239	P	7.2
4	☐	2500.000	2515.088	5540.08	0.0623	P	6.0
5	☐	5000.000	5035.970	10698.62	0.1233	P	2.2
6	☐	10000.000	9956.696	20940.59	0.2423	P	3.9
7	☐	20000.000	20014.503	42376.53	0.4856	P	3.5
8	☐			113.89	0.0013	P	77.1

$$y = 2.4185E-005 * x + 0.0015$$

$$R = 1.0000$$

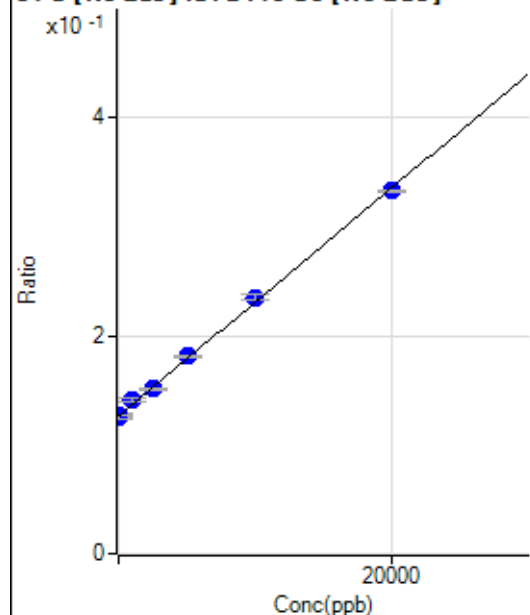
$$DL = 34.87$$

$$BEC = 62.66$$

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	113.436	371072.04	0.1276	P	2.8
2	☐	0.000	-113.436	371344.97	0.1253	P	3.1
3	☐	1000.000	1357.939	401259.33	0.1406	P	2.1
4	☐	2500.000	2371.547	450685.48	0.1513	P	1.0
5	☐	5000.000	5235.945	522003.49	0.1812	P	0.7
6	☐	10000.000	10409.266	673556.21	0.2354	P	2.0
7	☐	20000.000	19734.541	973585.69	0.3329	P	0.5
8	☐			339596.19	0.1146	P	2.2

$$y = 1.0463\text{E-}005 * x + 0.1264$$

$$R = 0.9994$$

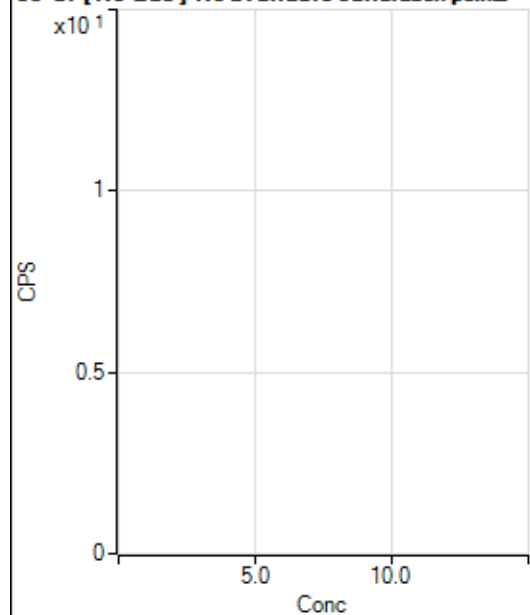
$$DL = 1060$$

$$BEC = 1.208\text{E}+04$$

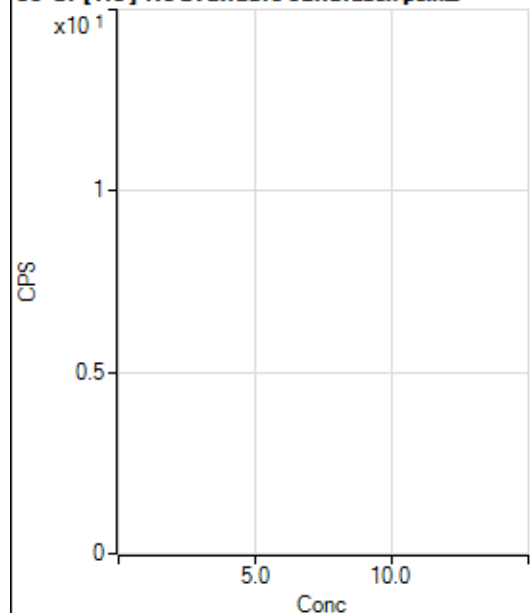
Weight: <None>

Min Conc: 0

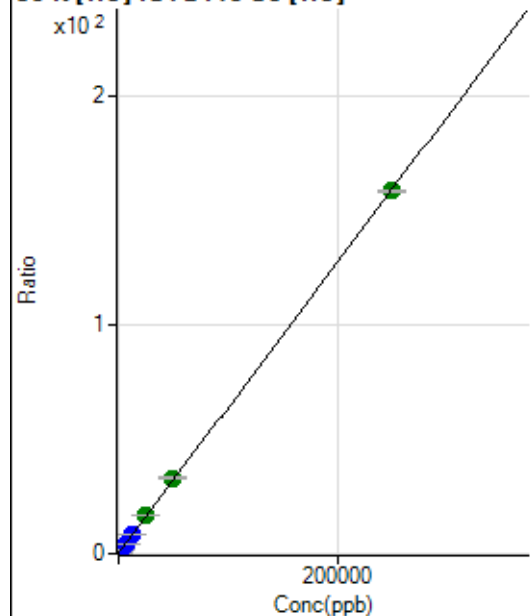
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132304.03		P	0.6
2	☐			127085.32		P	1.2
3	☐			128878.55		P	1.6
4	☐			129678.22		P	0.7
5	☐			131403.83		P	1.2
6	☐			131860.86		P	0.7
7	☐			134510.49		P	0.3
8	☐			124496.68		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			811.15		P	8.6
2	☐			780.60		P	1.2
3	☐			811.15		P	8.7
4	☐			863.94		P	12.7
5	☐			786.15		P	4.4
6	☐			847.27		P	6.0
7	☐			813.93		P	10.9
8	☐			691.70		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21819.83	0.2414	P	1.5
2	☐	500.000	450.163	47997.06	0.5270	P	0.4
3	☐	2500.000	2561.024	165064.05	1.8659	P	1.0
4	☐	6250.000	6618.858	394570.51	4.4399	P	2.8
5	☐	12500.000	13057.748	739540.59	8.5241	P	1.8
6	☐	25000.000	26347.546	1465052.72	16.9540	A	2.1
7	☐	50000.000	51709.782	2883717.69	33.0416	A	2.1
8	☐	250000.00	249485.67	13797349.62	158.4934	A	0.8

$$y = 6.3431E-004 * x + 0.2414$$

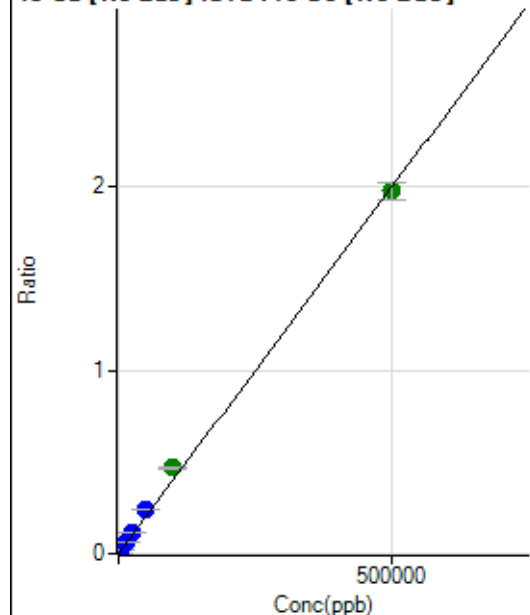
$$R = 1.0000$$

$$DL = 16.57$$

$$BEC = 380.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	328.30	0.0001	P	65.9
2	☐	500.000	474.795	5958.84	0.0020	P	3.1
3	☐	5000.000	5955.874	68168.31	0.0239	P	3.5
4	☐	12500.000	14612.731	174219.90	0.0585	P	1.2
5	☐	25000.000	29719.394	342199.25	0.1188	P	0.8
6	☐	50000.000	59794.395	683786.02	0.2389	P	1.5
7	☐	100000.00	116947.16	1366241.44	0.4672	A	2.2
8	☐	500000.00	495332.80	5859178.19	1.9783	A	4.5

$$y = 3.9936E-006 * x + 1.1204E-004$$

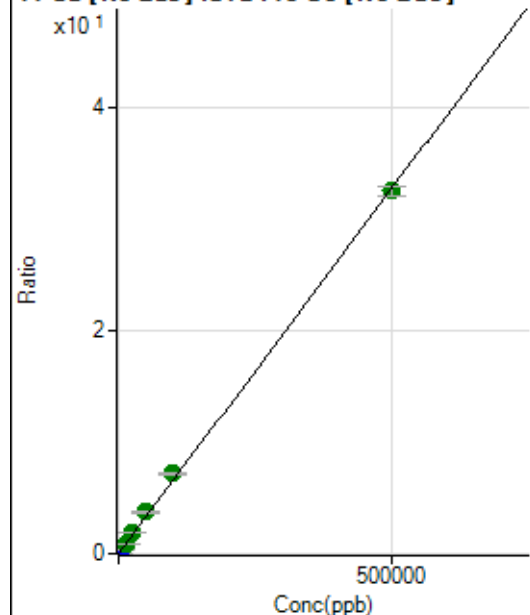
$$R = 0.9993$$

$$DL = 55.44$$

$$BEC = 28.05$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10810.13	0.0037	P	28.4
2	☐	500.000	469.038	102083.27	0.0344	P	0.8
3	☐	5000.000	5656.842	1066880.70	0.3740	P	3.8
4	☐	12500.000	14089.578	2759301.68	0.9260	A	2.2
5	☐	25000.000	28126.645	5314341.13	1.8450	A	1.1
6	☐	50000.000	56934.063	10677631.25	3.7308	A	1.7
7	☐	100000.00	109815.40	21034139.10	7.1925	A	1.3
8	☐	500000.00	497140.90	96421534.97	32.5479	A	2.8

$$y = 6.5463E-005 * x + 0.0037$$

$$R = 0.9997$$

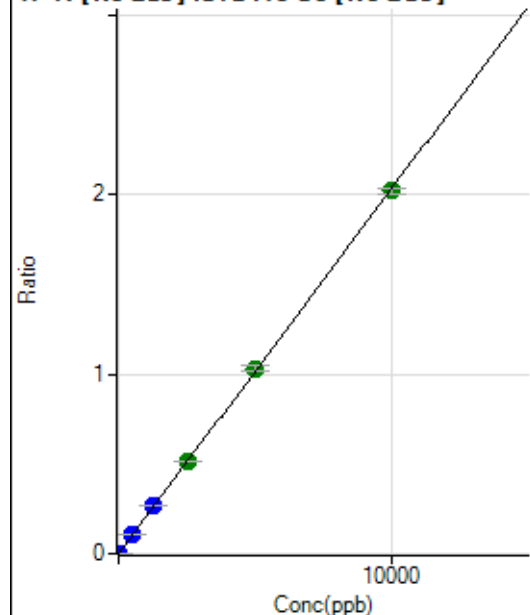
$$DL = 48.19$$

$$BEC = 56.62$$

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	233.34	0.0001	P	19.6
2	☐	5.000	4.298	2825.35	0.0010	P	6.6
3	☐	500.000	528.341	306447.91	0.1074	P	3.9
4	☐	1250.000	1296.914	785460.55	0.2636	P	0.8
5	☐	2500.000	2526.787	1479133.37	0.5135	A	0.3
6	☐	5000.000	5083.824	2956450.54	1.0330	A	2.2
7	☐	10000.000	9944.110	5908574.96	2.0206	A	1.4
8	☐			2494.74	0.0008	P	10.0

$$y = 2.0318\text{E-}004 * x + 7.9954\text{E-}005$$

$$R = 0.9999$$

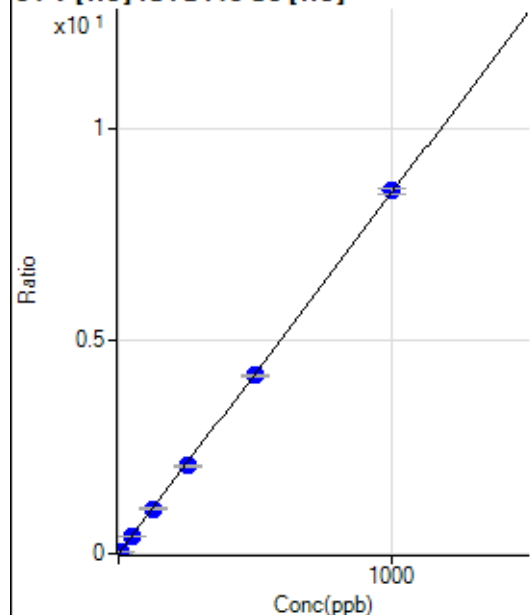
$$DL = 0.2312$$

$$BEC = 0.3935$$

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	65.55	0.0007	P	20.5
2	☐	5.000	4.447	3499.35	0.0384	P	1.8
3	☐	50.000	48.859	36699.26	0.4149	P	3.0
4	☐	125.000	123.742	93280.96	1.0497	P	3.6
5	☐	250.000	243.421	179091.28	2.0642	P	1.8
6	☐	500.000	493.138	361286.88	4.1810	P	0.4
7	☐	1000.000	1005.293	743832.81	8.5225	P	1.6
8	☐			303.34	0.0035	P	15.0

$$y = 0.0085 * x + 7.2526\text{E-}004$$

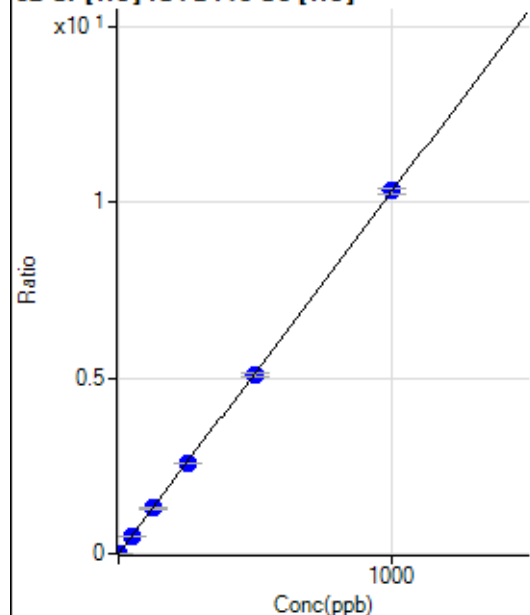
$$R = 0.9999$$

$$DL = 0.05265$$

$$BEC = 0.08556$$

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	360.01	0.0040	P	13.8
2	☐	2.000	1.669	1926.81	0.0212	P	4.0
3	☐	50.000	48.190	44213.93	0.4998	P	2.9
4	☐	125.000	125.546	115160.95	1.2958	P	1.8
5	☐	250.000	248.057	221774.51	2.5563	P	0.3
6	☐	500.000	494.510	440025.38	5.0921	P	1.2
7	☐	1000.000	1003.254	901304.12	10.3268	P	1.3
8	☐			8124.60	0.0933	P	0.9

$$y = 0.0103 * x + 0.0040$$

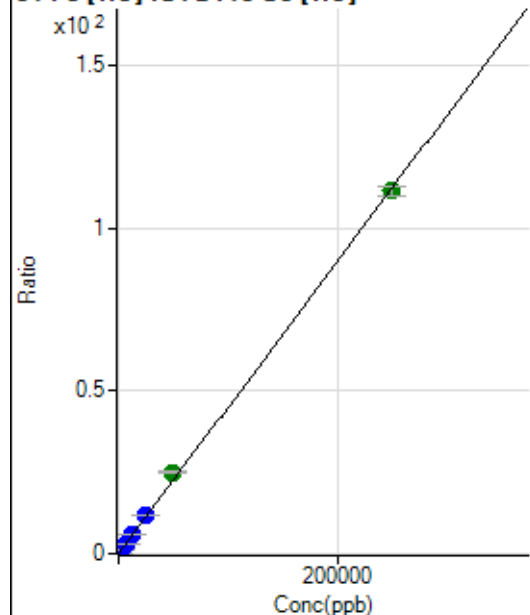
$$R = 1.0000$$

$$DL = 0.1603$$

$$BEC = 0.387$$

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	1361.21	0.0151	P	1.5
2	☐	50.000	23.856	2346.53	0.0258	P	7.1
3	☐	2500.000	2642.674	106228.58	1.2010	P	4.3
4	☐	6250.000	6750.073	270531.57	3.0443	P	3.4
5	☐	12500.000	13260.322	517596.53	5.9659	P	1.5
6	☐	25000.000	26653.943	1034937.12	11.9765	P	2.3
7	☐	50000.000	55617.863	2179754.90	24.9746	A	2.5
8	☐	250000.00	248659.09	9716111.67	111.6054	A	2.5

$$y = 4.4877E-004 * x + 0.0151$$

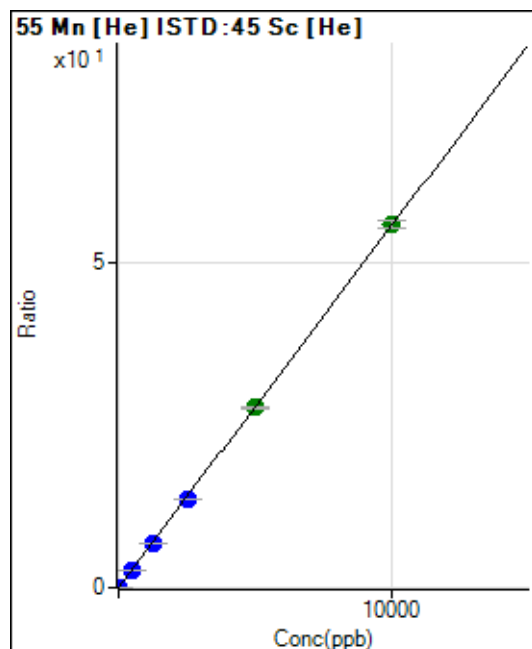
$$R = 0.9997$$

$$DL = 1.518$$

$$BEC = 33.56$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	435.56	0.0048	P	16.4
2	☐	1.000	0.149	514.46	0.0057	P	10.9
3	☐	500.000	483.756	238853.70	2.7003	P	3.2
4	☐	1250.000	1230.143	609597.94	6.8591	P	2.0
5	☐	2500.000	2438.173	1179042.52	13.5902	P	0.8
6	☐	5000.000	4987.686	2401890.59	27.7960	A	1.2
7	☐	10000.000	10024.908	4875460.14	55.8631	A	2.0
8	☐			5177.66	0.0595	P	5.5

$$y = 0.0056 * x + 0.0048$$

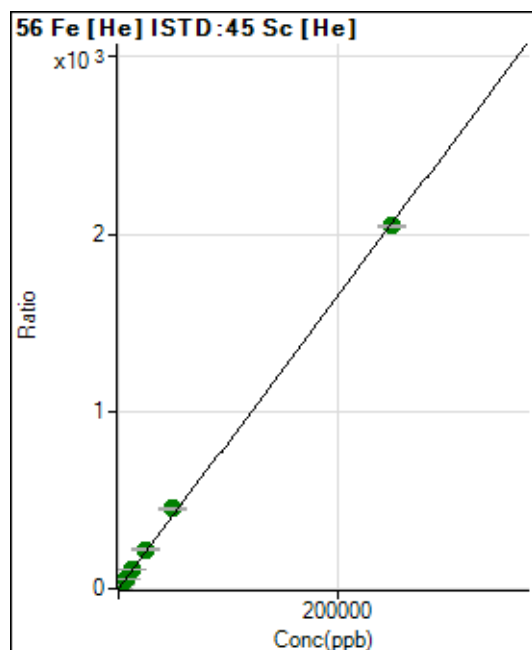
$$R = 1.0000$$

$$DL = 0.4259$$

$$BEC = 0.8655$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19528.66	0.2161	P	4.7
2	☐	50.000	24.842	38281.21	0.4204	P	3.6
3	☐	2500.000	2705.044	1986284.88	22.4552	A	2.6
4	☐	6250.000	6788.994	4979858.21	56.0307	A	1.5
5	☐	12500.000	13580.339	9705149.06	111.8646	A	1.1
6	☐	25000.000	26877.790	19113068.71	221.1873	A	2.5
7	☐	50000.000	54988.289	39471243.47	452.2930	A	3.3
8	☐	250000.00	248745.02	178038187.3	2,045.231	A	0.7

$$y = 0.0082 * x + 0.2161$$

$$R = 0.9998$$

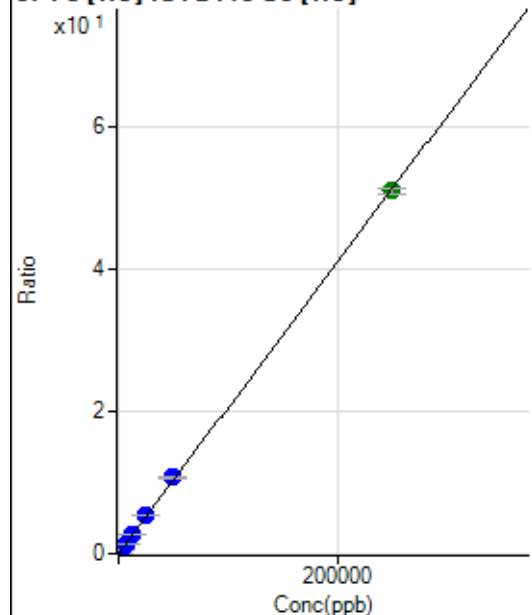
$$DL = 3.694$$

$$BEC = 26.29$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	590.76	0.0065	P	1.8
2	☐	50.000	27.174	1101.92	0.0121	P	5.9
3	☐	2500.000	2583.130	47367.74	0.5354	P	0.5
4	☐	6250.000	6682.326	122177.67	1.3748	P	2.7
5	☐	12500.000	13202.959	235099.57	2.7099	P	0.4
6	☐	25000.000	26172.472	463635.67	5.3655	P	1.4
7	☐	50000.000	52656.481	941496.99	10.7882	P	2.9
8	☐	250000.00	249304.67	4443700.79	51.0530	A	1.4

$$y = 2.0476E-004 * x + 0.0065$$

R = 0.9999

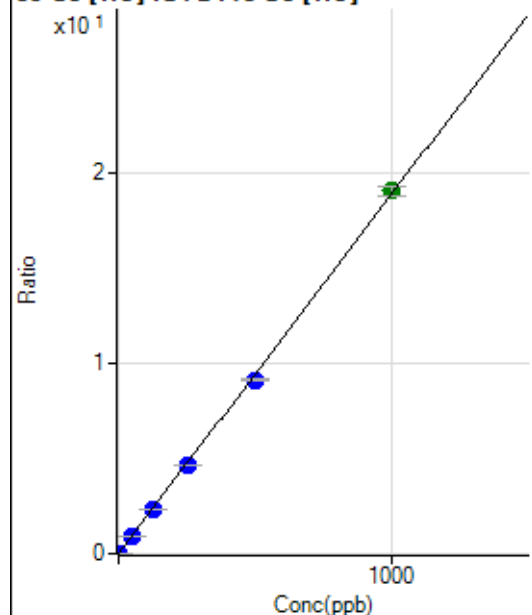
DL = 1.713

BEC = 31.93

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	148.89	0.0016	P	13.1
2	☐	1.000	0.872	1647.89	0.0181	P	4.7
3	☐	50.000	48.484	81021.49	0.9159	P	1.6
4	☐	125.000	122.740	205856.36	2.3161	P	1.4
5	☐	250.000	245.424	401642.03	4.6295	P	1.3
6	☐	500.000	484.018	788839.18	9.1287	P	1.8
7	☐	1000.000	1009.493	1661519.30	19.0374	A	2.8
8	☐			1561.22	0.0179	P	6.4

$$y = 0.0189 * x + 0.0016$$

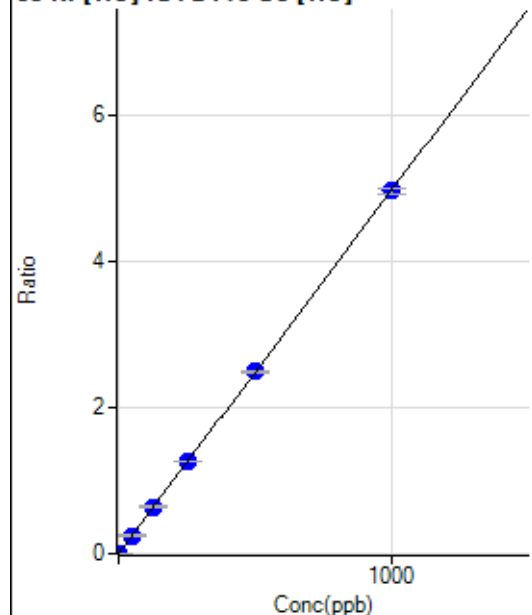
R = 0.9998

DL = 0.03444

BEC = 0.08737

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	62.22	0.0007	P	16.3
2	☐	1.000	0.962	498.90	0.0055	P	1.8
3	☐	50.000	50.117	22142.90	0.2503	P	1.6
4	☐	125.000	128.768	57065.14	0.6420	P	1.4
5	☐	250.000	252.219	109044.96	1.2569	P	0.5
6	☐	500.000	500.501	215471.83	2.4935	P	1.3
7	☐	1000.000	998.718	434210.55	4.9750	P	1.9
8	☐			1616.77	0.0186	P	3.9

$$y = 0.0050 * x + 6.8843E-004$$

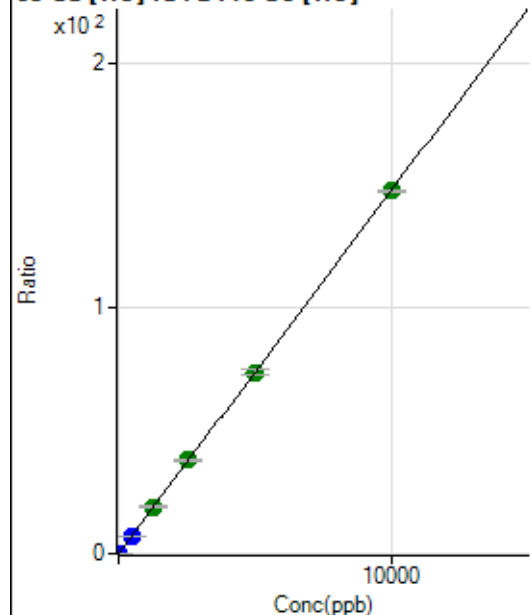
$$R = 1.0000$$

$$DL = 0.06775$$

$$BEC = 0.1382$$

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	1037.83	0.0115	P	4.1
2	☐	2.000	1.198	2660.27	0.0292	P	4.5
3	☐	500.000	493.991	647886.76	7.3245	P	2.8
4	☐	1250.000	1277.528	1681610.79	18.9240	A	4.2
5	☐	2500.000	2567.832	3298954.99	38.0256	A	1.0
6	☐	5000.000	4996.483	6392826.02	73.9793	A	2.3
7	☐	10000.000	9981.660	12898796.20	147.7797	A	0.5
8	☐			5741.23	0.0659	P	7.7

$$y = 0.0148 * x + 0.0115$$

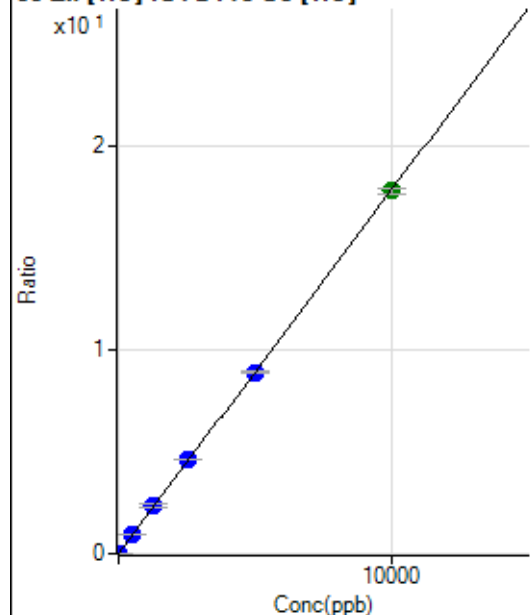
$$R = 1.0000$$

$$DL = 0.09458$$

$$BEC = 0.7758$$

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	247.78	0.0027	P	6.7
2	☐	2.000	1.248	452.24	0.0050	P	8.0
3	☐	500.000	516.260	81573.28	0.9222	P	1.8
4	☐	1250.000	1314.740	208299.33	2.3442	P	4.9
5	☐	2500.000	2579.008	398716.37	4.5958	P	1.0
6	☐	5000.000	4991.645	768416.24	8.8925	P	1.2
7	☐	10000.000	9975.520	1550784.49	17.7685	A	1.8
8	☐			1800.14	0.0207	P	6.9

$$y = 0.0018 * x + 0.0027$$

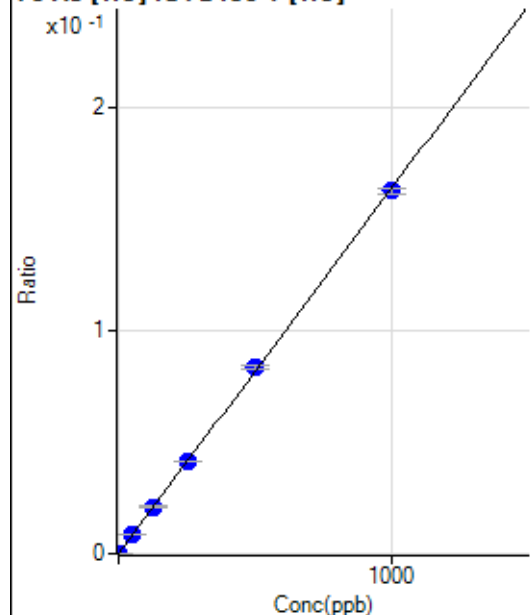
$$R = 1.0000$$

$$DL = 0.3109$$

$$BEC = 1.54$$

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	13.00	0.0000	P	6.9
2	☐	1.000	0.963	113.01	0.0002	P	2.9
3	☐	50.000	50.881	5157.80	0.0083	P	0.9
4	☐	125.000	128.407	13041.65	0.0210	P	1.0
5	☐	250.000	252.396	25397.94	0.0413	P	1.4
6	☐	500.000	511.037	50037.35	0.0836	P	2.3
7	☐	1000.000	993.413	100328.90	0.1625	P	1.8
8	☐			39.34	0.0001	P	24.5

$$y = 1.6351E-004 * x + 2.0549E-005$$

$$R = 0.9999$$

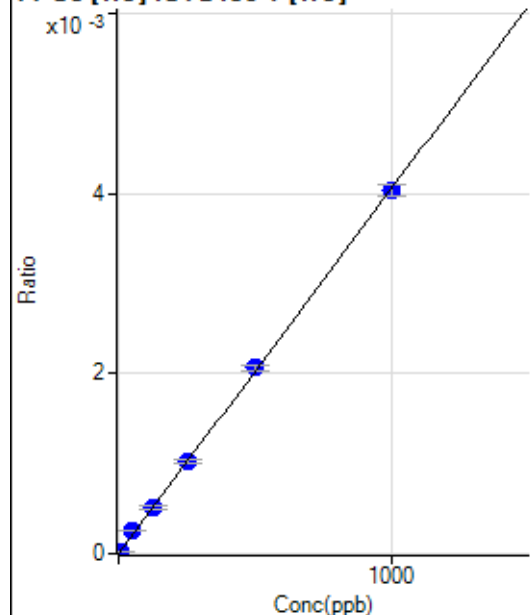
$$DL = 0.02602$$

$$BEC = 0.1257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.484	16.67	0.0000	P	34.8
3	☐	50.000	62.072	155.56	0.0003	P	4.3
4	☐	125.000	127.245	320.01	0.0005	P	9.6
5	☐	250.000	251.034	625.58	0.0010	P	3.6
6	☐	500.000	509.877	1236.73	0.0021	P	3.5
7	☐	1000.000	993.911	2486.91	0.0040	P	3.0
8	☐			2.22	0.0000	P	86.6

$$y = 4.0518\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

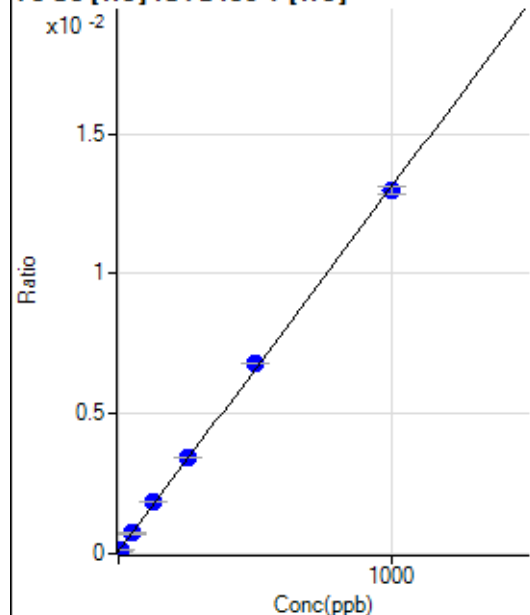
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.34	0.0001	P	25.1
2	☐	5.000	4.687	89.34	0.0001	P	16.4
3	☐	50.000	49.887	451.06	0.0007	P	5.4
4	☐	125.000	135.531	1145.16	0.0018	P	1.2
5	☐	250.000	257.538	2113.04	0.0034	P	1.1
6	☐	500.000	516.104	4073.67	0.0068	P	0.8
7	☐	1000.000	988.754	8004.75	0.0130	P	2.3
8	☐			50.34	0.0001	P	5.0

$$y = 1.3028\text{E-}005 * x + 7.9707\text{E-}005$$

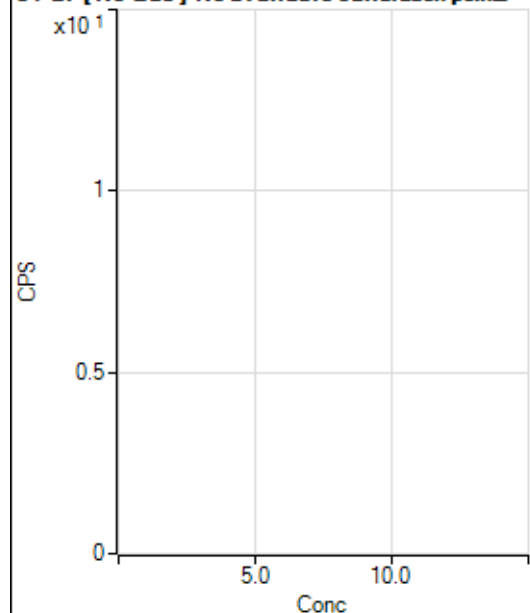
$$R = 0.9997$$

$$DL = 4.602$$

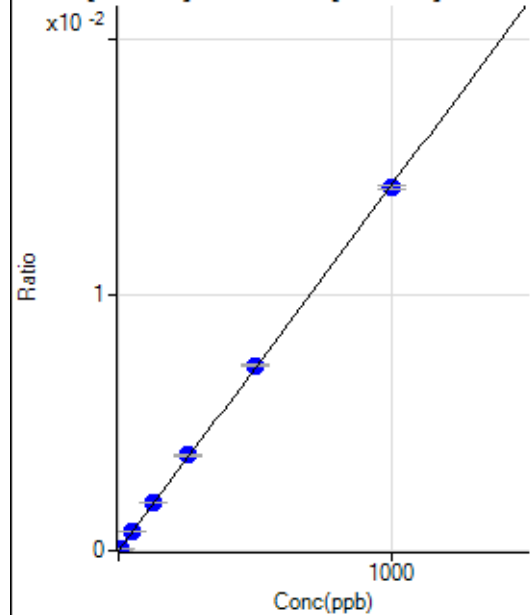
$$BEC = 6.118$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34825.70		P	2.5
2	☐			35394.65		P	1.1
3	☐			35331.01		P	3.4
4	☐			35090.48		P	2.9
5	☐			36117.35		P	4.6
6	☐			35999.91		P	4.7
7	☐			35421.63		P	1.9
8	☐			32989.98		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-13.74	0.0000	P	-129.
2	☐	5.000	5.041	409.13	0.0001	P	9.7
3	☐	50.000	53.704	4442.77	0.0008	P	3.1
4	☐	125.000	131.472	11058.25	0.0019	P	2.9
5	☐	250.000	261.610	21642.79	0.0037	P	1.0
6	☐	500.000	506.230	42157.74	0.0072	P	0.8
7	☐	1000.000	992.988	82780.05	0.0142	P	1.2
8	☐			132.49	0.0000	P	22.7

$$y = 1.4271E-005 * x - 2.4142E-006$$

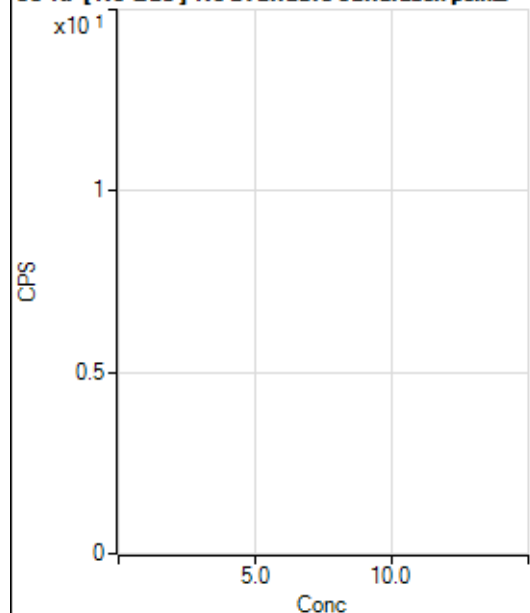
$$R = 0.9999$$

$$DL = 0.655$$

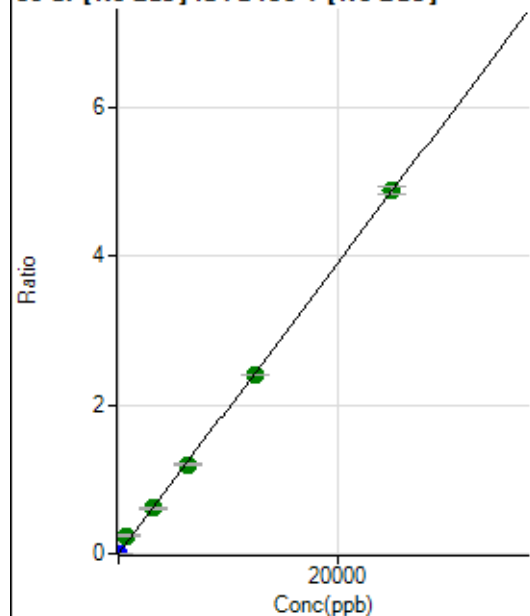
$$BEC = -0.1692$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			328.71		P	1.4
2	☐			327.05		P	8.3
3	☐			330.38		P	3.3
4	☐			349.96		P	7.8
5	☐			338.29		P	1.5
6	☐			336.63		P	5.4
7	☐			341.63		P	6.1
8	☐			351.21		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	958.40	0.0002	P	40.0
2	☐	1.000	0.502	1547.35	0.0003	P	12.6
3	☐	625.000	1242.987	1408691.44	0.2423	A	3.0
4	☐	3125.000	3146.872	3618378.60	0.6131	A	2.5
5	☐	6250.000	6157.343	6957373.51	1.1994	A	2.1
6	☐	12500.000	12370.940	14067114.90	2.4097	A	0.1
7	☐	25000.000	25069.510	28527407.93	4.8830	A	2.1
8	☐			13874.00	0.0023	P	4.5

$$y = 1.9477E-004 * x + 1.6411E-004$$

$$R = 0.9996$$

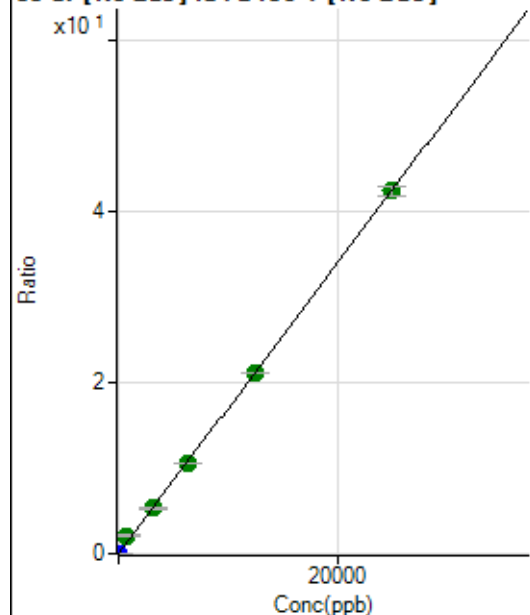
$$DL = 1.012$$

$$BEC = 0.8426$$

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	3070.12	0.0005	P	96.6
2	☐	1.000	0.623	9281.13	0.0016	P	2.9
3	☐	625.000	1240.362	12214257.48	2.1016	A	5.9
4	☐	3125.000	3116.447	31164266.32	5.2796	A	2.2
5	☐	6250.000	6202.764	60951779.14	10.5076	A	1.0
6	☐	12500.000	12487.998	123491241.6	21.1544	A	0.4
7	☐	25000.000	25003.495	247395905.5	42.3549	A	2.8
8	☐			110947.84	0.0184	P	6.6

$$y = 0.0017 * x + 5.2078E-004$$

$$R = 0.9997$$

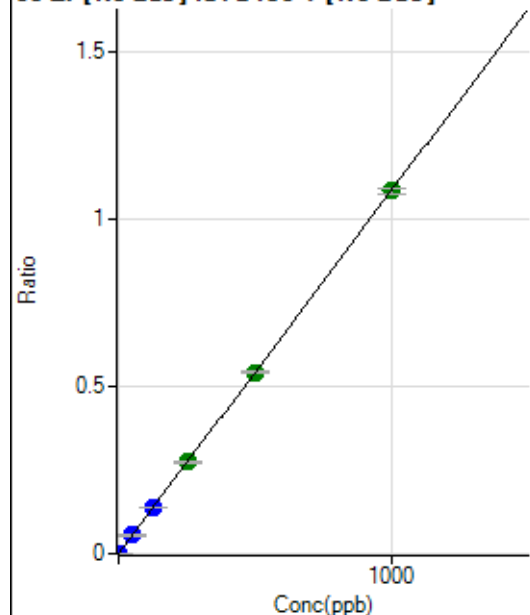
$$DL = 0.8909$$

$$BEC = 0.3074$$

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	255.56	0.0000	P	27.3
2	☐	1.000	0.894	5979.23	0.0010	P	2.5
3	☐	50.000	50.332	318012.06	0.0547	P	3.7
4	☐	125.000	126.416	810255.45	0.1373	P	2.6
5	☐	250.000	253.793	1598542.06	0.2756	A	2.1
6	☐	500.000	499.835	3168121.06	0.5427	A	0.9
7	☐	1000.000	998.941	6336616.85	1.0846	A	1.9
8	☐			3008.74	0.0005	P	11.1

$$y = 0.0011 * x + 4.3965E-005$$

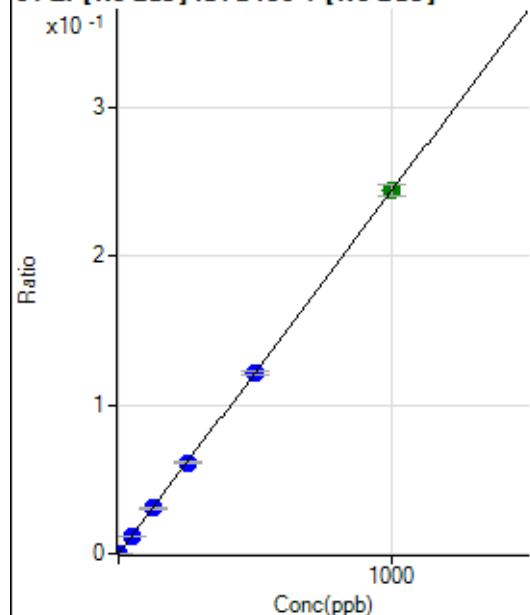
$$R = 1.0000$$

$$DL = 0.03312$$

$$BEC = 0.04049$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	64.1
2	☐	1.000	0.834	1230.64	0.0002	P	2.7
3	☐	50.000	49.145	69677.64	0.0120	P	2.2
4	☐	125.000	125.262	180126.47	0.0305	P	3.5
5	☐	250.000	250.580	354184.37	0.0611	P	1.5
6	☐	500.000	498.329	708756.87	0.1214	P	1.4
7	☐	1000.000	1000.701	1424280.09	0.2438	A	3.0
8	☐			666.70	0.0001	P	13.0

$$y = 2.4365\text{E-}004 * x + 5.6957\text{E-}006$$

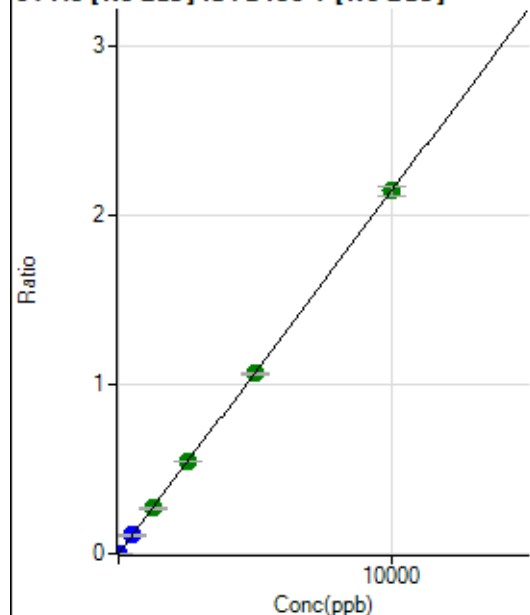
$$R = 1.0000$$

$$DL = 0.04498$$

$$BEC = 0.02338$$

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	202.79	0.0000	P	31.9
2	☐	5.000	5.451	7093.68	0.0012	P	5.0
3	☐	500.000	503.764	628688.54	0.1081	P	3.9
4	☐	1250.000	1261.320	1597229.78	0.2707	A	3.7
5	☐	2500.000	2557.400	3183668.56	0.5488	A	0.9
6	☐	5000.000	4965.336	6219487.60	1.0655	A	1.6
7	☐	10000.000	10001.379	12537690.21	2.1461	A	2.3
8	☐			6626.78	0.0011	P	8.0

$$y = 2.1458\text{E-}004 * x + 3.4768\text{E-}005$$

$$R = 1.0000$$

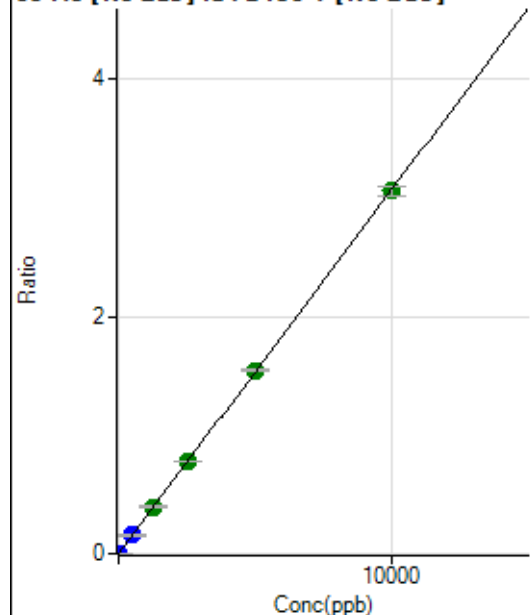
$$DL = 0.1552$$

$$BEC = 0.162$$

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	169.45	0.0000	P	77.6
2	☐	5.000	4.508	8316.59	0.0014	P	0.4
3	☐	500.000	503.497	897843.50	0.1544	P	3.8
4	☐	1250.000	1283.099	2321473.62	0.3935	A	4.6
5	☐	2500.000	2527.708	4496453.48	0.7751	A	1.1
6	☐	5000.000	5028.018	9000113.92	1.5418	A	1.0
7	☐	10000.000	9974.752	17867820.02	3.0587	A	2.6
8	☐			8947.59	0.0015	P	3.1

$$y = 3.0664\text{E-}004 * x + 2.8815\text{E-}005$$

$$R = 1.0000$$

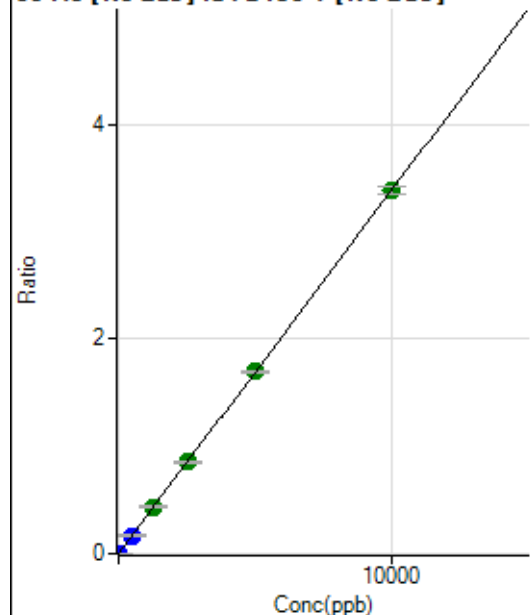
$$DL = 0.2188$$

$$BEC = 0.09397$$

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	219.45	0.0000	P	73.8
2	☐	5.000	4.740	9664.77	0.0016	P	4.0
3	☐	500.000	499.260	981621.07	0.1688	P	3.7
4	☐	1250.000	1286.972	2566481.24	0.4351	A	5.8
5	☐	2500.000	2519.808	4941761.74	0.8519	A	1.4
6	☐	5000.000	5003.833	9874073.14	1.6916	A	1.6
7	☐	10000.000	9988.547	19727355.82	3.3767	A	1.9
8	☐			16335.14	0.0027	P	5.0

$$y = 3.3805\text{E-}004 * x + 3.7397\text{E-}005$$

$$R = 1.0000$$

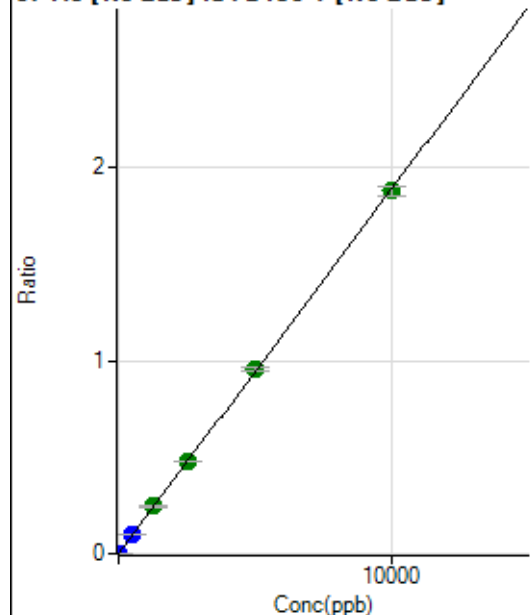
$$DL = 0.2448$$

$$BEC = 0.1106$$

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	141.67	0.0000	P	90.5
2	☐	5.000	4.661	5323.39	0.0009	P	5.3
3	☐	500.000	510.636	560759.40	0.0965	P	3.6
4	☐	1250.000	1299.273	1447349.50	0.2454	A	6.0
5	☐	2500.000	2528.373	2769933.03	0.4775	A	1.7
6	☐	5000.000	5060.754	5578845.31	0.9557	A	1.7
7	☐	10000.000	9955.839	10981408.84	1.8801	A	2.9
8	☐			5667.97	0.0009	P	7.8

$$y = 1.8884\text{E-}004 * x + 2.4049\text{E-}005$$

$$R = 1.0000$$

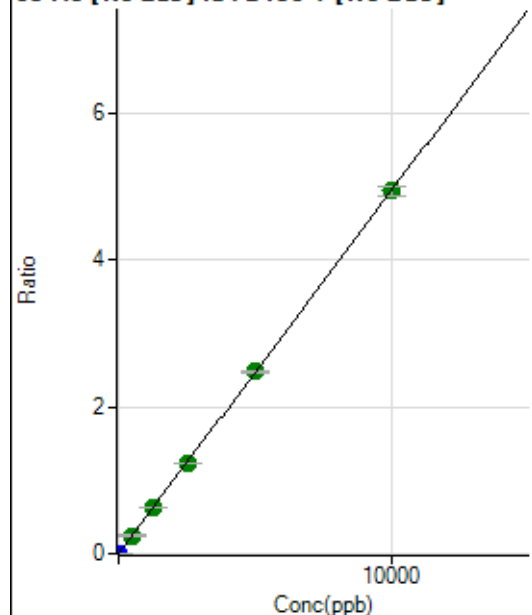
$$DL = 0.3456$$

$$BEC = 0.1274$$

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	269.46	0.0000	P	87.3
2	☐	5.000	4.489	13337.33	0.0023	P	2.3
3	☐	500.000	502.818	1443891.37	0.2483	A	3.8
4	☐	1250.000	1271.077	3703530.29	0.6277	A	3.9
5	☐	2500.000	2494.331	7144761.62	1.2317	A	1.2
6	☐	5000.000	5007.480	14433868.38	2.4726	A	0.6
7	☐	10000.000	9994.902	28828225.64	4.9353	A	2.7
8	☐			13868.60	0.0023	P	6.9

$$y = 4.9378\text{E-}004 * x + 4.5752\text{E-}005$$

$$R = 1.0000$$

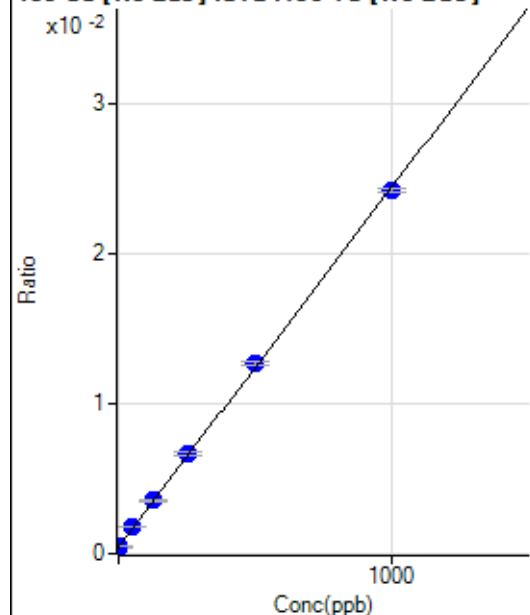
$$DL = 0.2427$$

$$BEC = 0.09266$$

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	1922.42	0.0004	P	1.7
2	☐	1.000	0.967	2058.54	0.0005	P	3.1
3	☐	50.000	55.734	7466.09	0.0018	P	2.7
4	☐	125.000	130.412	15698.22	0.0036	P	4.4
5	☐	250.000	260.387	29434.87	0.0067	P	3.7
6	☐	500.000	511.177	55903.12	0.0127	P	2.0
7	☐	1000.000	990.852	106989.64	0.0241	P	0.9
8	☐			1955.76	0.0004	P	5.3

$$y = 2.3915\text{E-}005 * x + 4.4316\text{E-}004$$

$$R = 0.9998$$

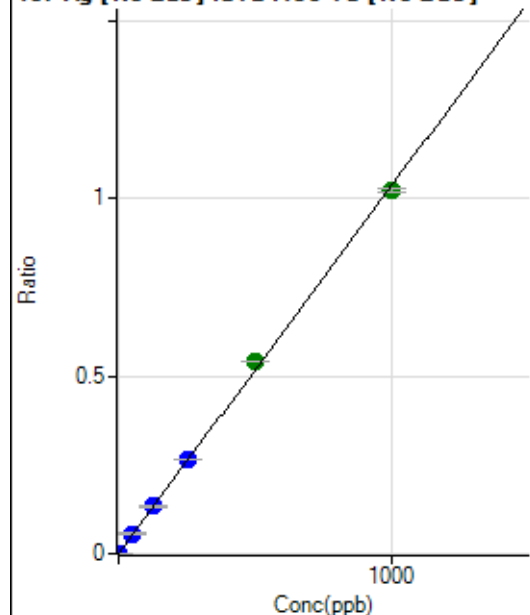
$$DL = 0.9235$$

$$BEC = 18.53$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	9.7
2	☐	1.000	0.992	4706.51	0.0011	P	6.8
3	☐	50.000	54.454	237335.78	0.0565	P	3.0
4	☐	125.000	129.363	590765.50	0.1341	P	4.8
5	☐	250.000	255.906	1170402.68	0.2652	P	1.7
6	☐	500.000	522.720	2390144.39	0.5416	A	0.9
7	☐	1000.000	986.395	4529393.29	1.0220	A	1.0
8	☐			3300.49	0.0007	P	6.0

$$y = 0.0010 * x + 3.7842\text{E-}005$$

$$R = 0.9996$$

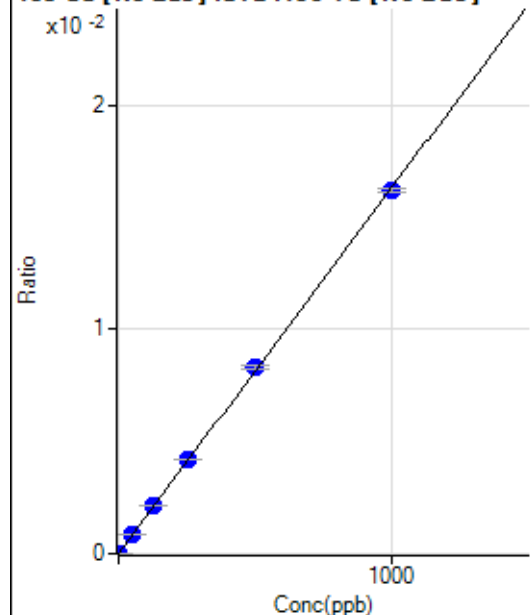
$$DL = 0.01063$$

$$BEC = 0.03652$$

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	13.89	0.0000	P	15.0
2	☐	1.000	0.771	69.44	0.0000	P	26.0
3	☐	50.000	54.370	3739.44	0.0009	P	0.8
4	☐	125.000	130.825	9408.89	0.0021	P	3.0
5	☐	250.000	257.777	18551.50	0.0042	P	1.6
6	☐	500.000	509.886	36675.23	0.0083	P	2.4
7	☐	1000.000	992.166	71654.61	0.0162	P	1.2
8	☐			45.83	0.0000	P	50.5

$$y = 1.6293\text{E-}005 * x + 3.1957\text{E-}006$$

$$R = 0.9999$$

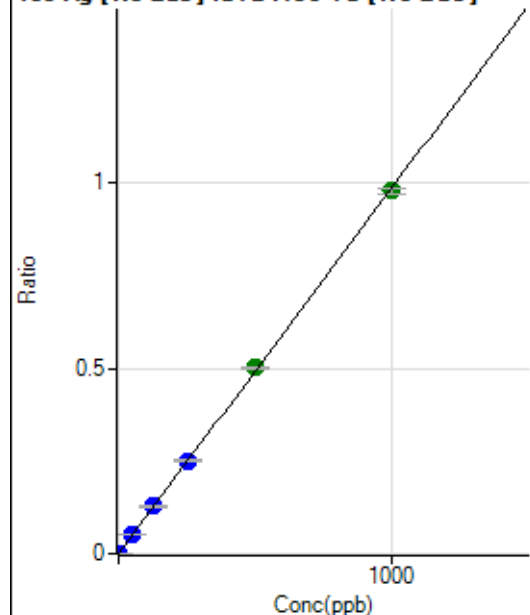
$$DL = 0.08816$$

$$BEC = 0.1961$$

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	155.56	0.0000	P	11.7
2	☐	1.000	0.967	4361.91	0.0010	P	2.5
3	☐	50.000	54.054	223860.58	0.0533	P	3.6
4	☐	125.000	130.296	565670.76	0.1283	P	2.4
5	☐	250.000	255.125	1108696.92	0.2512	P	2.9
6	☐	500.000	509.230	2212644.73	0.5014	A	1.2
7	☐	1000.000	993.239	4333964.98	0.9779	A	1.9
8	☐			2947.62	0.0007	P	10.2

$$y = 9.8455\text{E-}004 * x + 3.5821\text{E-}005$$

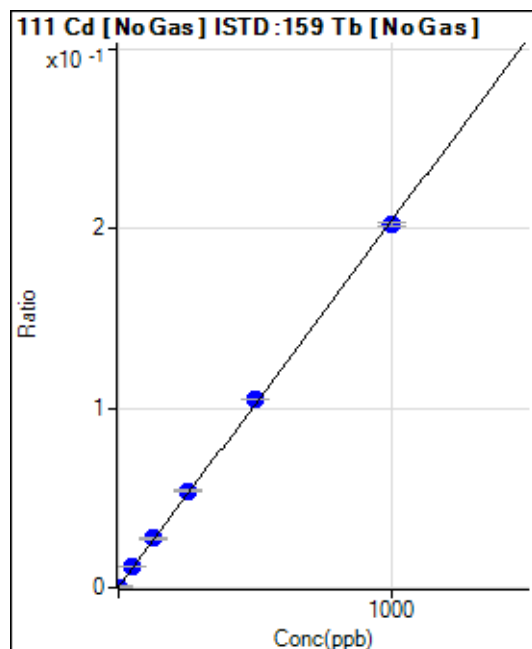
$$R = 0.9999$$

$$DL = 0.01275$$

$$BEC = 0.03638$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1351.25	0.0003	P	1.3
2	☐	1.000	1.049	2318.80	0.0005	P	5.0
3	☐	50.000	54.816	48228.84	0.0115	P	2.3
4	☐	125.000	132.799	120549.40	0.0273	P	2.9
5	☐	250.000	262.413	237169.05	0.0537	P	2.2
6	☐	500.000	512.089	461481.14	0.1046	P	0.5
7	☐	1000.000	989.636	894328.22	0.2018	P	0.9
8	☐			1755.02	0.0004	P	4.1

$$y = 2.0360\text{E-}004 * x + 3.1151\text{E-}004$$

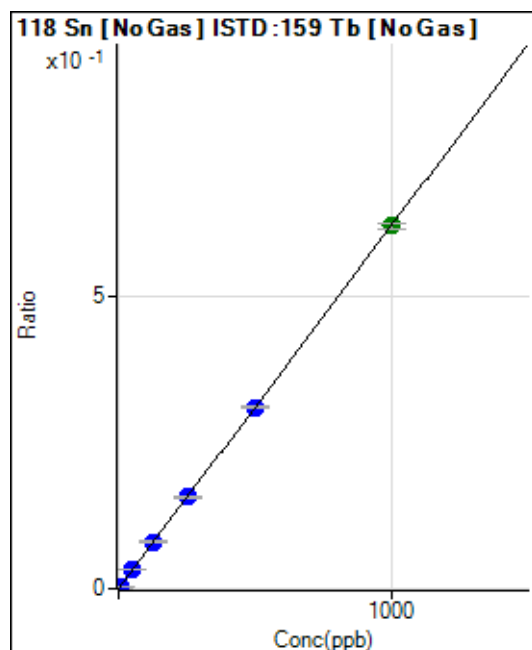
$$R = 0.9998$$

$$DL = 0.0618$$

$$BEC = 1.53$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380.57	0.0001	P	11.8
2	☐	5.000	4.474	12678.45	0.0029	P	3.3
3	☐	50.000	52.593	137976.54	0.0328	P	4.5
4	☐	125.000	128.216	352223.94	0.0799	P	2.7
5	☐	250.000	252.205	693497.22	0.1571	P	0.8
6	☐	500.000	499.941	1373906.82	0.3113	P	1.5
7	☐	1000.000	998.949	2756362.67	0.6220	A	1.9
8	☐			3911.78	0.0009	P	6.5

$$y = 6.2258\text{E-}004 * x + 8.7605\text{E-}005$$

$$R = 1.0000$$

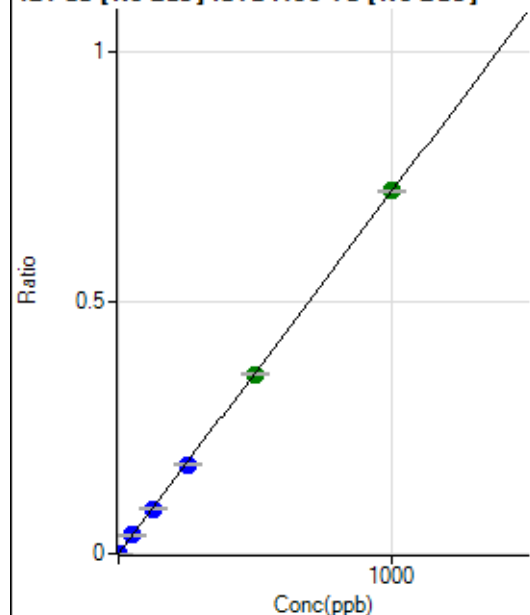
$$DL = 0.04993$$

$$BEC = 0.1407$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	51.6
2	☐	2.000	1.718	5523.48	0.0013	P	5.5
3	☐	50.000	50.569	153206.06	0.0365	P	5.2
4	☐	125.000	124.704	396160.32	0.0899	P	2.8
5	☐	250.000	246.876	785206.58	0.1779	P	2.4
6	☐	500.000	496.337	1578449.89	0.3577	A	1.2
7	☐	1000.000	1002.621	3202333.82	0.7225	A	0.4
8	☐			2925.40	0.0007	P	14.0

$$y = 7.2063\text{E-}004 * x + 1.3423\text{E-}005$$

$$R = 1.0000$$

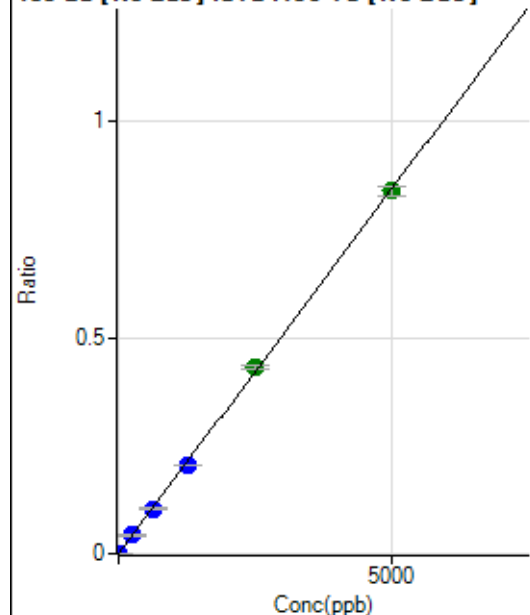
$$DL = 0.02882$$

$$BEC = 0.01863$$

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	69.44	0.0000	P	76.0
2	☐	10.000	8.787	6601.79	0.0015	P	4.8
3	☐	250.000	251.832	178446.57	0.0424	P	1.4
4	☐	625.000	619.688	460214.40	0.1044	P	2.8
5	☐	1250.000	1210.486	900235.31	0.2039	P	1.1
6	☐	2500.000	2562.918	1905491.71	0.4318	A	1.5
7	☐	5000.000	4978.994	3716851.43	0.8388	A	2.8
8	☐			2850.38	0.0006	P	4.7

$$y = 1.6846\text{E-}004 * x + 1.5915\text{E-}005$$

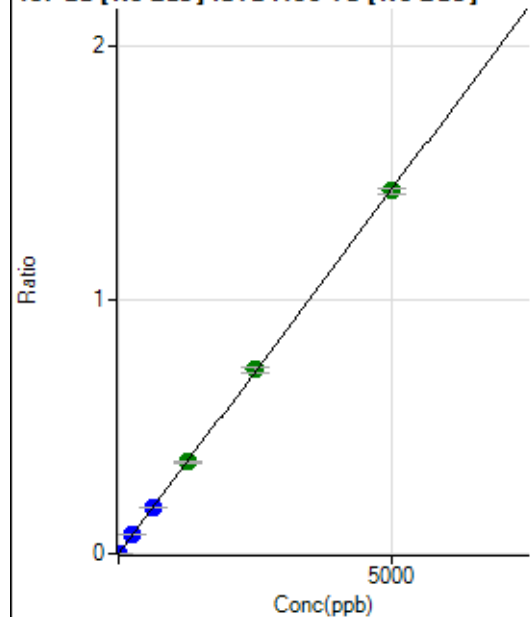
$$R = 0.9999$$

$$DL = 0.2155$$

$$BEC = 0.09447$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	80.2
2	☐	10.000	8.765	11280.06	0.0026	P	3.7
3	☐	250.000	257.325	311049.84	0.0740	P	3.7
4	☐	625.000	633.127	802179.61	0.1820	P	3.0
5	☐	1250.000	1263.329	1602782.04	0.3631	A	2.3
6	☐	2500.000	2526.694	3204488.46	0.7262	A	2.7
7	☐	5000.000	4981.941	6346140.11	1.4318	A	1.3
8	☐			4664.83	0.0010	P	4.5

$$y = 2.8739E-004 * x + 3.7330E-005$$

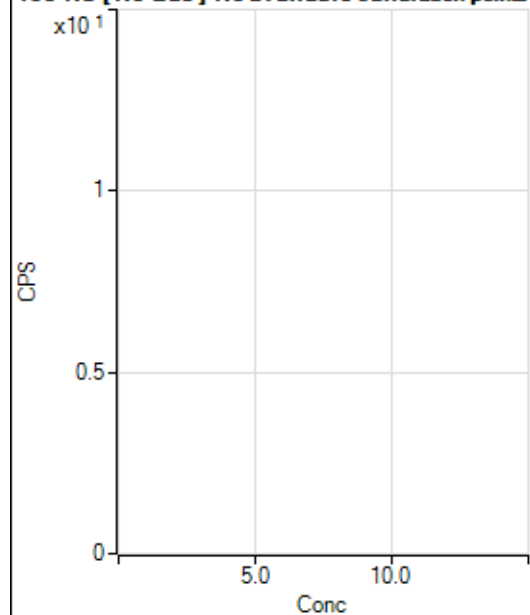
$$R = 1.0000$$

$$DL = 0.3124$$

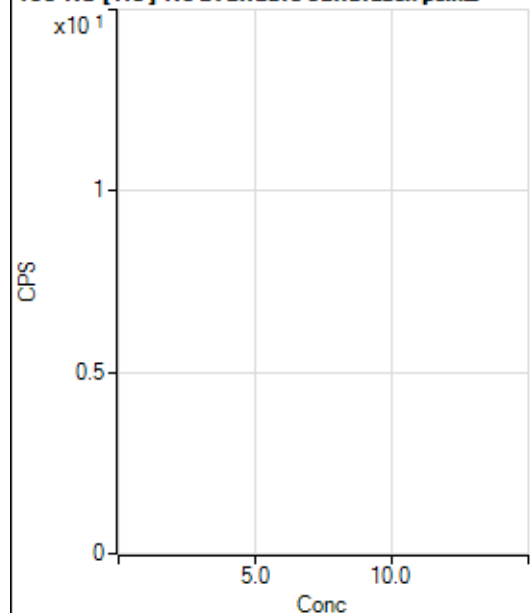
$$BEC = 0.1299$$

Weight: <None>

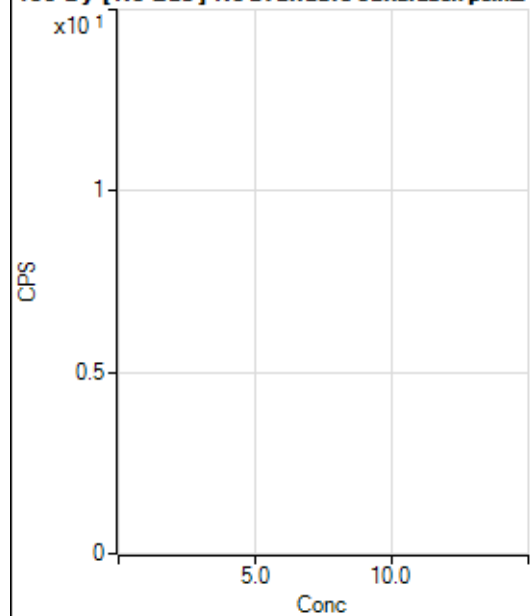
Min Conc: 0

150 Nd [No Gas] No available calibration points

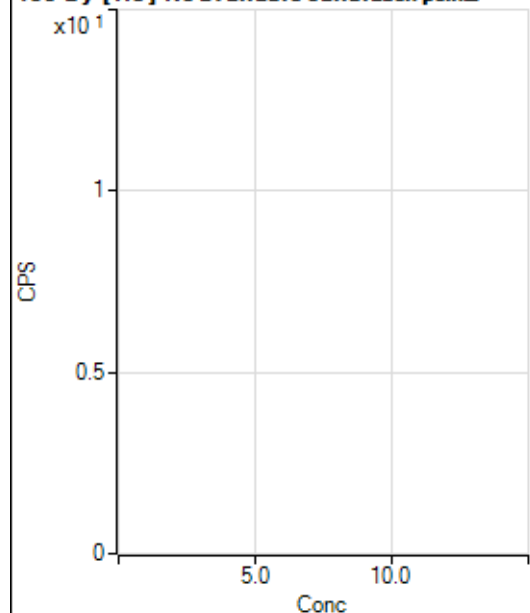
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.34		P	86.6
2	☐			8.89		P	86.6
3	☐			46.67		P	14.3
4	☐			40.00		P	28.9
5	☐			97.78		P	23.9
6	☐			248.90		P	1.5
7	☐			457.80		P	3.7
8	☐			33.34		P	34.6

150 Nd [He] No available calibration points

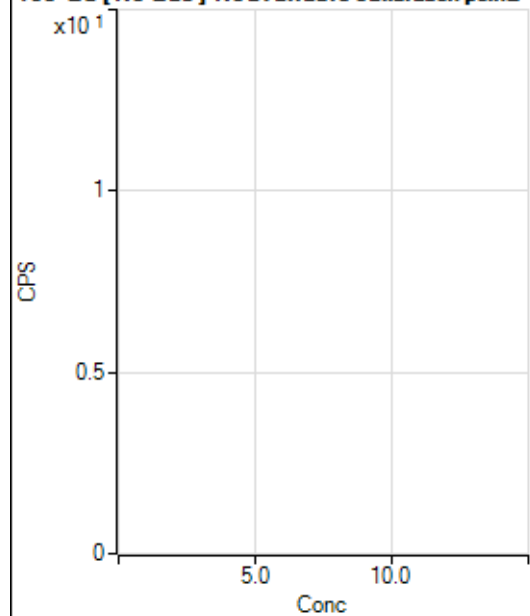
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			7.78		P	24.7
5	☐			7.78		P	89.2
6	☐			22.22		P	8.7
7	☐			38.89		P	9.9
8	☐			7.78		P	24.7

156 Dy [No Gas] No available calibration points

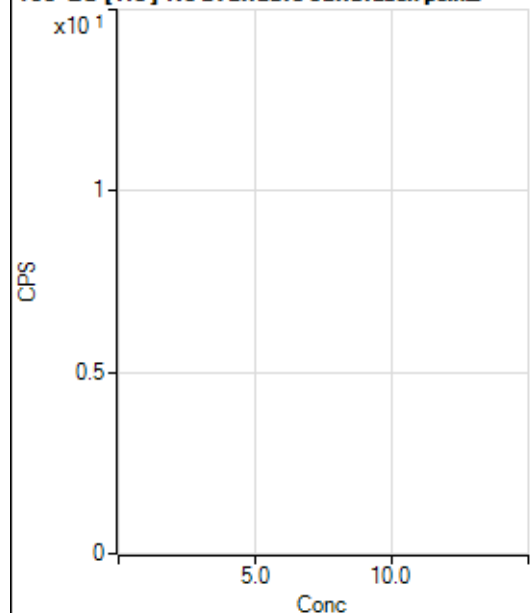
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			5.55		P	86.6
3	☐			22.22		P	43.3
4	☐			36.11		P	58.1
5	☐			50.00		P	16.7
6	☐			147.23		P	32.2
7	☐			269.46		P	15.6
8	☐			663.92		P	9.5

156 Dy [He] No available calibration points

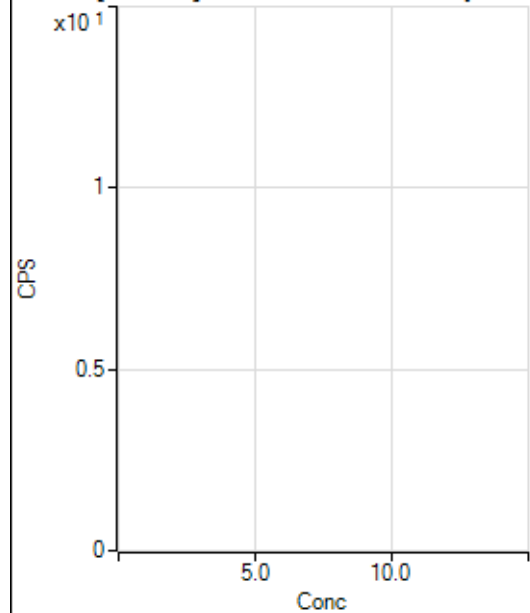
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			1.11		P	173.2
3	☐			10.00		P	0.0
4	☐			11.11		P	75.5
5	☐			31.11		P	16.4
6	☐			57.78		P	24.0
7	☐			84.45		P	26.9
8	☐			244.45		P	2.8

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

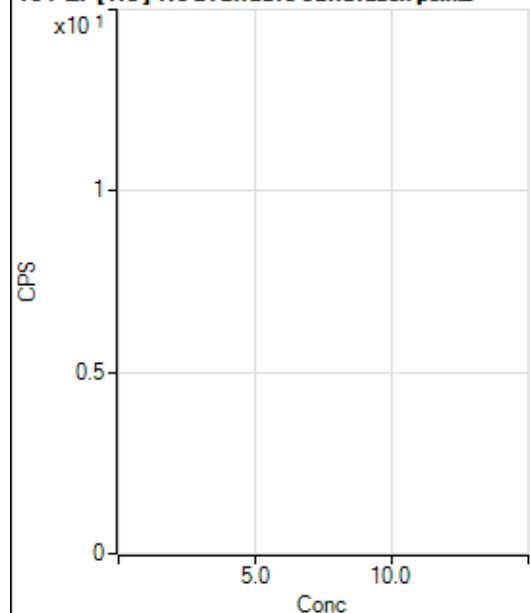
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐			44.44		P	75.8
3	☐			44.44		P	28.6
4	☐			55.56		P	60.6
5	☐			47.22		P	53.9
6	☐			119.45		P	29.0
7	☐			211.12		P	34.0
8	☐			794.49		P	5.4

160 Gd [He] No available calibration points

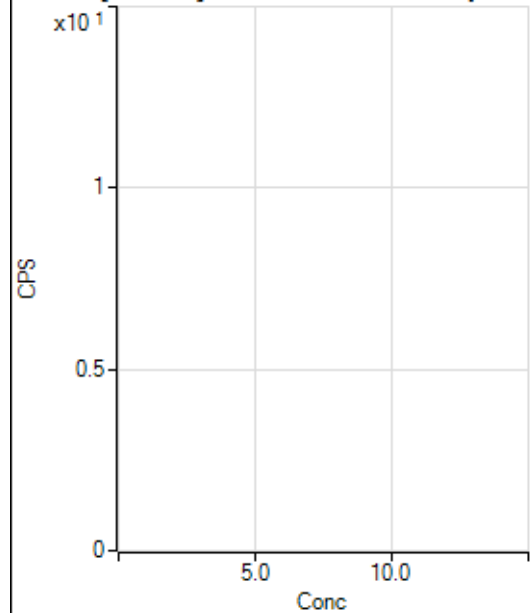
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	29.0
2	☐			54.44		P	15.4
3	☐			55.55		P	36.7
4	☐			52.22		P	19.5
5	☐			56.67		P	42.4
6	☐			92.22		P	11.6
7	☐			115.56		P	13.3
8	☐			367.79		P	8.6

164 Er [No Gas] No available calibration points

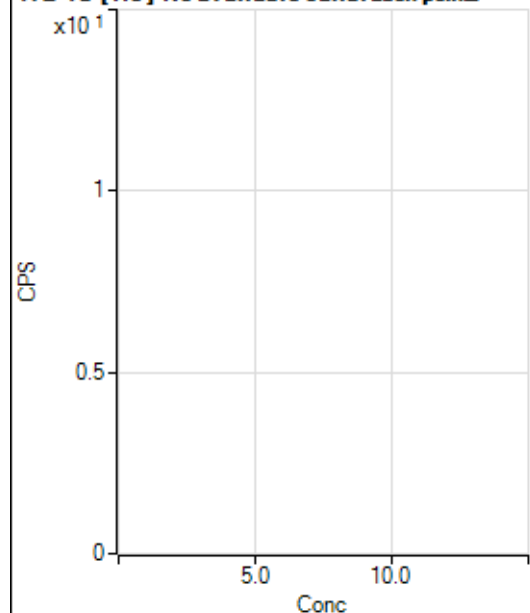
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐			22.22		P	21.6
3	☐			41.67		P	52.9
4	☐			66.67		P	12.5
5	☐			25.00		P	33.3
6	☐			41.67		P	52.9
7	☐			83.34		P	10.0
8	☐			50.00		P	16.7

164 Er [He] No available calibration points

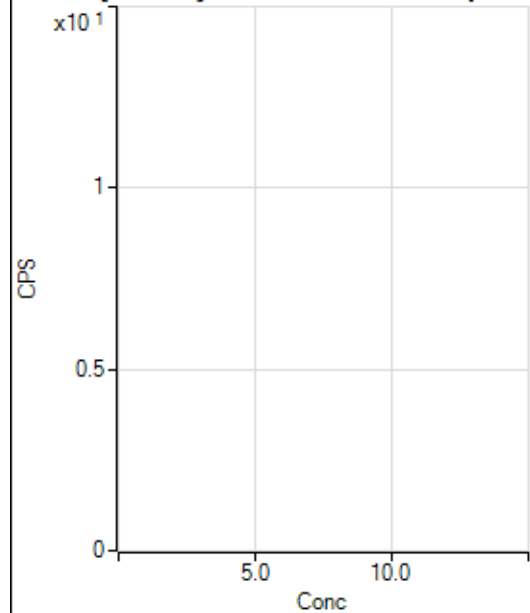
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	52.9
2	☐			21.11		P	18.2
3	☐			8.89		P	43.3
4	☐			7.78		P	107.8
5	☐			20.00		P	44.1
6	☐			17.78		P	28.6
7	☐			31.11		P	16.4
8	☐			44.44		P	18.9

172 Yb [No Gas] No available calibration points

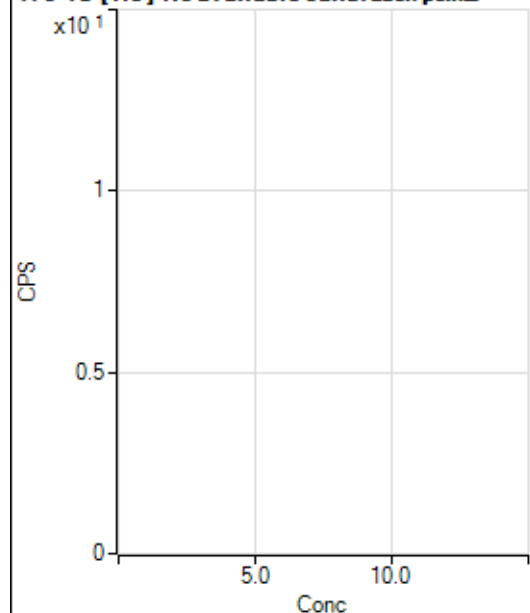
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐			38.89		P	44.6
3	☐			36.11		P	13.3
4	☐			30.56		P	41.7
5	☐			38.89		P	12.4
6	☐			50.00		P	60.1
7	☐			127.78		P	27.2
8	☐			233.34		P	15.6

172 Yb [He] No available calibration points

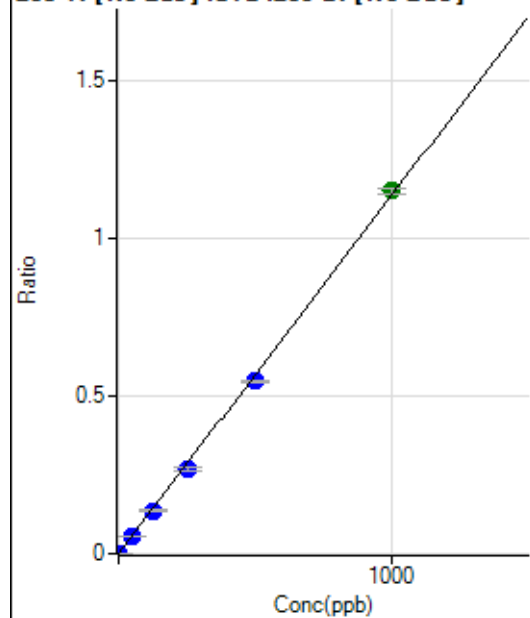
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	57.7
2	☐			12.96		P	24.8
3	☐			14.82		P	21.7
4	☐			12.97		P	49.5
5	☐			22.22		P	75.0
6	☐			22.22		P	0.0
7	☐			38.89		P	24.7
8	☐			103.70		P	16.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			605.59		P	11.9
2	☐			666.70		P	19.5
3	☐			1050.08		P	5.0
4	☐			2086.34		P	6.4
5	☐			3578.37		P	4.5
6	☐			6621.29		P	3.9
7	☐			12856.66		P	1.6
8	☐			758.38		P	10.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4182.22		P	1.7
2	☐			4247.05		P	8.1
3	☐			4308.19		P	3.4
4	☐			4680.54		P	5.4
5	☐			5184.44		P	5.0
6	☐			6479.49		P	2.1
7	☐			9344.20		P	5.0
8	☐			3863.60		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	70.2
2	☐	1.000	0.867	2544.77	0.0010	P	6.0
3	☐	50.000	47.658	128395.35	0.0541	P	5.4
4	☐	125.000	119.515	329664.78	0.1356	P	3.3
5	☐	250.000	235.816	657567.64	0.2674	P	4.3
6	☐	500.000	482.550	1314279.03	0.5472	P	1.1
7	☐	1000.000	1013.074	2786052.78	1.1488	A	1.7
8	☐			1130.63	0.0005	P	12.4

$$y = 0.0011 * x + 3.3726E-005$$

$$R = 0.9997$$

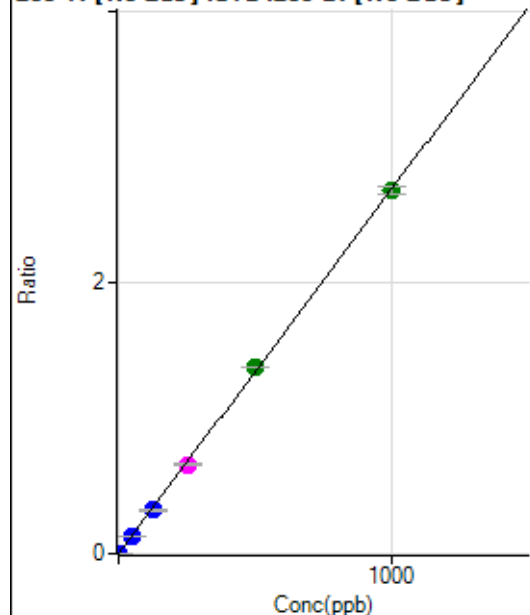
$$DL = 0.06265$$

$$BEC = 0.02974$$

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	208.34	0.0001	P	57.0
2	☐	1.000	0.822	5740.32	0.0023	P	1.5
3	☐	50.000	48.561	309949.74	0.1305	P	5.2
4	☐	125.000	120.800	789293.01	0.3246	P	4.1
5	☐	250.000	245.313	1621435.56	0.6590	M	2.3
6	☐	500.000	511.818	3302413.96	1.3749	A	0.8
7	☐	1000.000	995.860	6487938.03	2.6752	A	2.2
8	☐			2858.73	0.0012	P	10.4

$$y = 0.0027 * x + 8.4306E-005$$

$$R = 0.9999$$

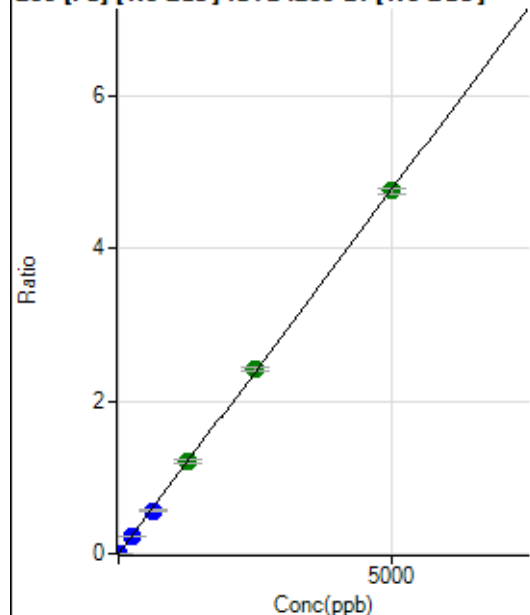
$$DL = 0.05363$$

$$BEC = 0.03138$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	398.16	0.0002	P	48.5
2	☐	1.000	0.690	2055.76	0.0008	P	9.5
3	☐	250.000	239.642	543207.37	0.2287	P	4.1
4	☐	625.000	590.629	1369755.37	0.5633	P	4.3
5	☐	1250.000	1262.240	2960783.51	1.2037	A	3.4
6	☐	2500.000	2529.496	5793300.13	2.4121	A	2.3
7	☐	5000.000	4987.007	11532993.78	4.7554	A	1.7
8	☐			5041.81	0.0022	P	4.9

$$y = 9.5353E-004 * x + 1.6119E-004$$

$$R = 0.9999$$

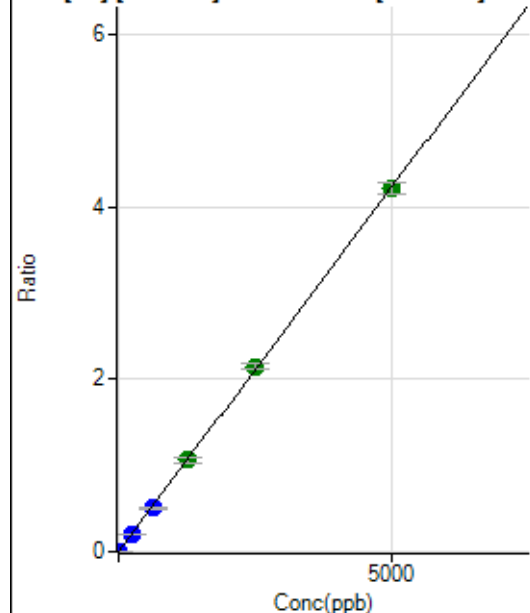
$$DL = 0.2462$$

$$BEC = 0.169$$

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	366.68	0.0001	P	59.9
2	☐	1.000	0.646	1744.61	0.0007	P	9.6
3	☐	250.000	240.934	484684.31	0.2040	P	3.1
4	☐	625.000	596.192	1226857.97	0.5045	P	3.8
5	☐	1250.000	1260.523	2621890.45	1.0665	A	5.6
6	☐	2500.000	2541.545	5163359.09	2.1501	A	3.0
7	☐	5000.000	4980.651	10218489.70	4.2134	A	3.2
8	☐			4291.55	0.0018	P	12.4

$$y = 8.4593\text{E-}004 * x + 1.4853\text{E-}004$$

$$R = 0.9999$$

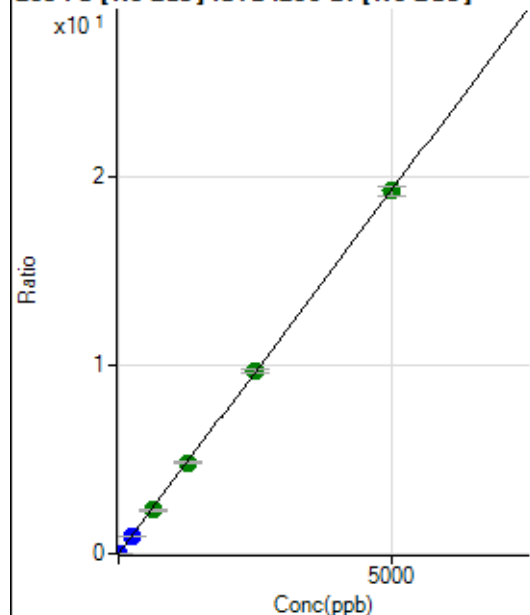
$$DL = 0.3153$$

$$BEC = 0.1756$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1605.63	0.0007	P	49.8
2	☐	1.000	0.710	8492.06	0.0034	P	4.6
3	☐	250.000	239.524	2194436.46	0.9238	P	3.9
4	☐	625.000	604.889	5670874.17	2.3319	A	3.7
5	☐	1250.000	1254.981	11897640.08	4.8374	A	3.5
6	☐	2500.000	2518.480	23313100.35	9.7070	A	1.7
7	☐	5000.000	4992.552	46665337.51	19.2421	A	2.4
8	☐			19632.11	0.0084	P	7.2

$$y = 0.0039 * x + 6.5001\text{E-}004$$

$$R = 1.0000$$

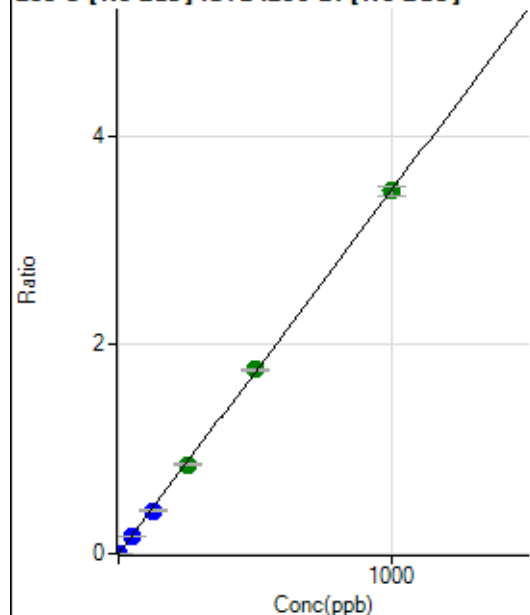
$$DL = 0.2519$$

$$BEC = 0.1687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	79.1
2	☐	1.000	0.825	7313.40	0.0029	P	3.9
3	☐	50.000	47.973	396664.21	0.1670	P	5.0
4	☐	125.000	118.895	1006811.48	0.4139	P	2.4
5	☐	250.000	246.030	2106034.73	0.8565	A	4.2
6	☐	500.000	506.876	4238320.28	1.7645	A	0.8
7	☐	1000.000	998.419	8428987.43	3.4755	A	2.8
8	☐			2069.68	0.0009	P	16.0

$$y = 0.0035 * x + 4.9515E-005$$

$$R = 0.9999$$

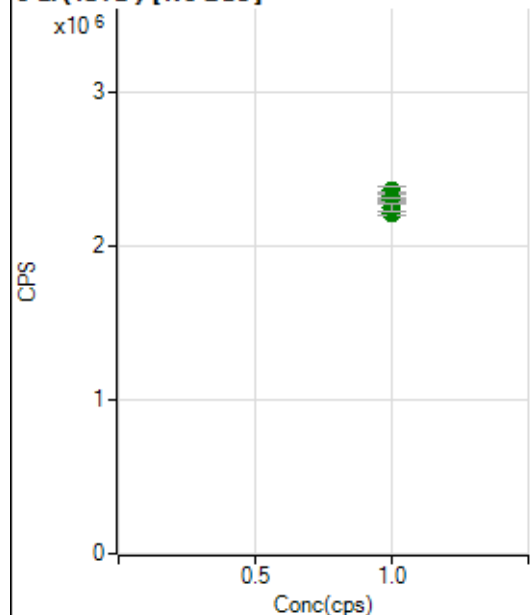
$$DL = 0.03377$$

$$BEC = 0.01422$$

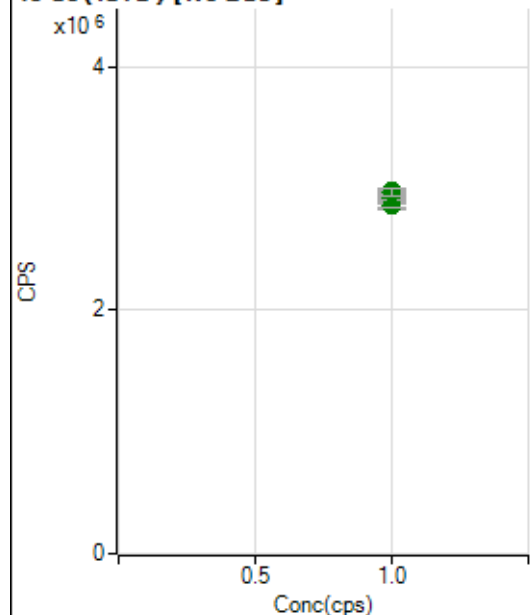
Weight: <None>

Min Conc: 0

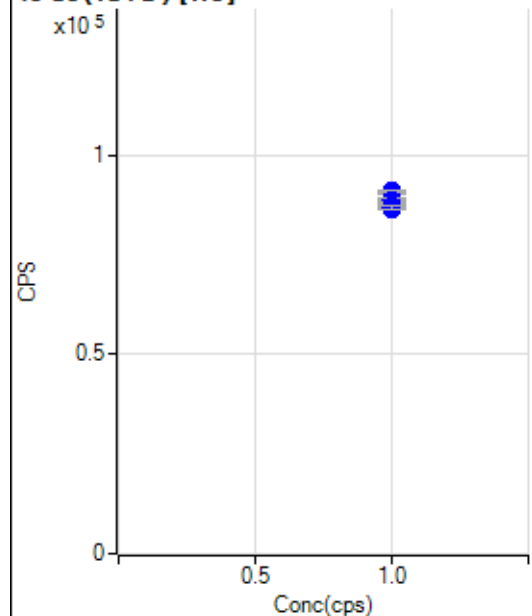
6 Li (ISTD) [No Gas]



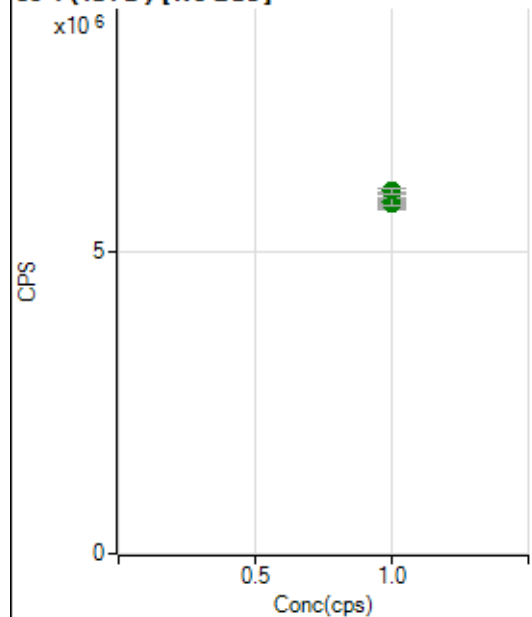
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2354709.00		A	2.0
2	☐	1.000		2317002.54		A	1.9
3	☐	1.000		2317329.40		A	2.0
4	☐	1.000		2311709.25		A	1.6
5	☐	1.000		2294076.71		A	1.4
6	☐	1.000		2251570.82		A	2.6
7	☐	1.000		2208557.19		A	1.2
8	☐	1.000		2246670.63		A	2.4

45 Sc (ISTD) [No Gas]

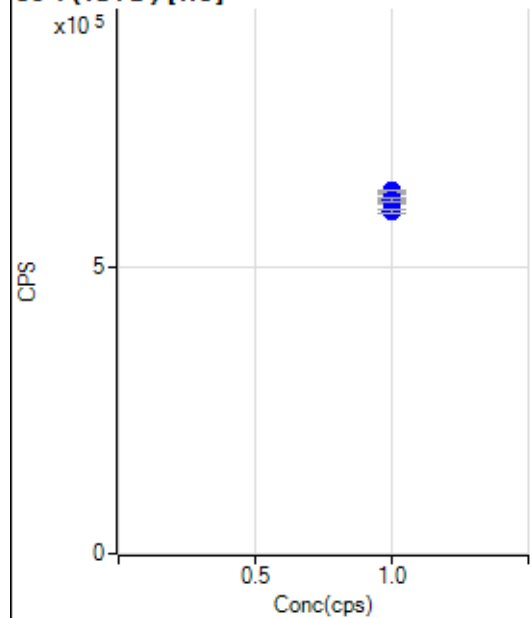
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2909054.02		A	2.9
2	☐	1.000		2966320.37		A	2.5
3	☐	1.000		2853799.44		A	2.1
4	☐	1.000		2979760.89		A	0.5
5	☐	1.000		2880568.29		A	0.8
6	☐	1.000		2862627.25		A	1.8
7	☐	1.000		2924440.72		A	0.8
8	☐	1.000		2963653.74		A	2.3

45 Sc (ISTD) [He]

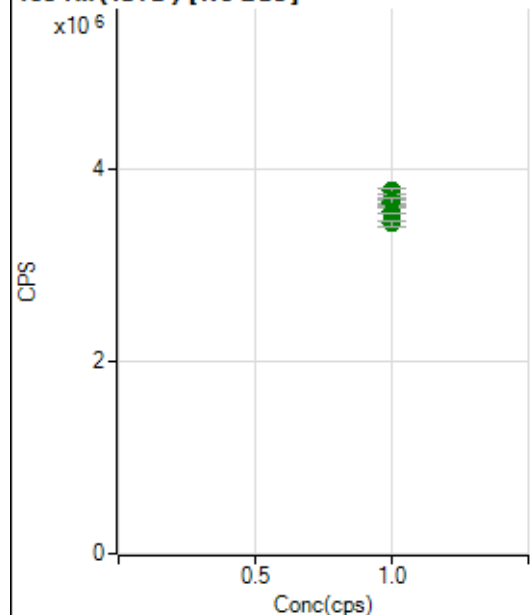
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		90374.50		P	0.6
2	☐	1.000		91076.82		P	0.5
3	☐	1.000		88466.28		P	0.8
4	☐	1.000		88885.42		P	1.0
5	☐	1.000		86754.65		P	0.6
6	☐	1.000		86410.56		P	0.3
7	☐	1.000		87285.45		P	0.9
8	☐	1.000		87048.58		P	1.1

89 Y (ISTD) [No Gas]

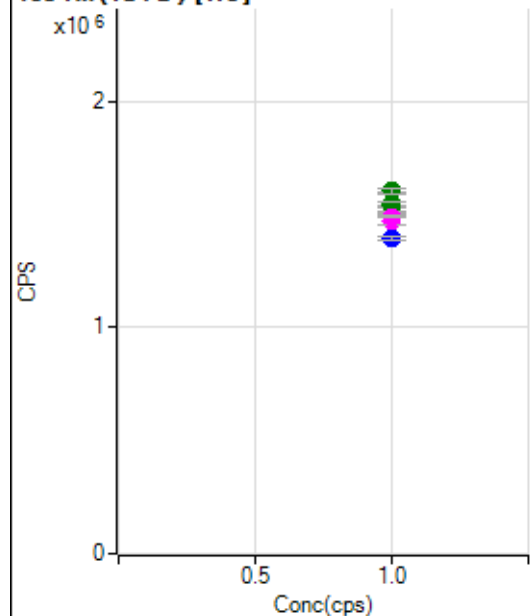
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5796290.40		A	2.9
2	☐	1.000		5894204.84		A	3.4
3	☐	1.000		5818417.00		A	3.2
4	☐	1.000		5904122.41		A	2.4
5	☐	1.000		5800955.75		A	0.6
6	☐	1.000		5837692.83		A	1.1
7	☐	1.000		5843542.62		A	2.3
8	☐	1.000		6015353.66		A	1.5

89 Y (ISTD) [He]

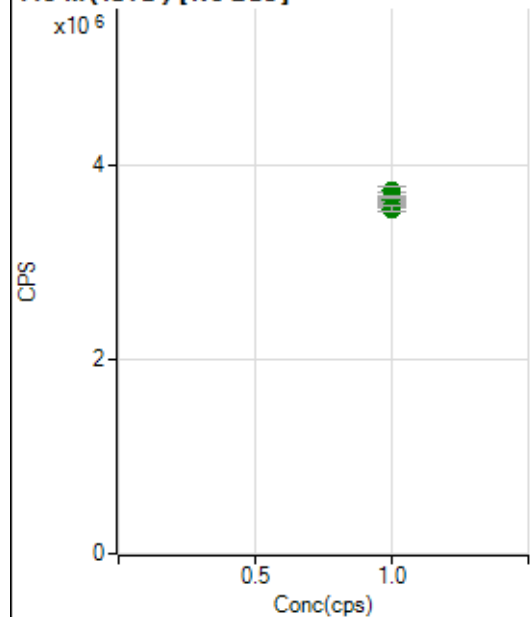
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		632419.90		P	1.0
2	☐	1.000		634662.43		P	0.7
3	☐	1.000		618396.54		P	1.0
4	☐	1.000		620539.06		P	0.4
5	☐	1.000		615170.88		P	1.0
6	☐	1.000		598761.22		P	1.1
7	☐	1.000		617658.36		P	1.0
8	☐	1.000		618152.26		P	1.2

103 Rh (ISTD) [No Gas]

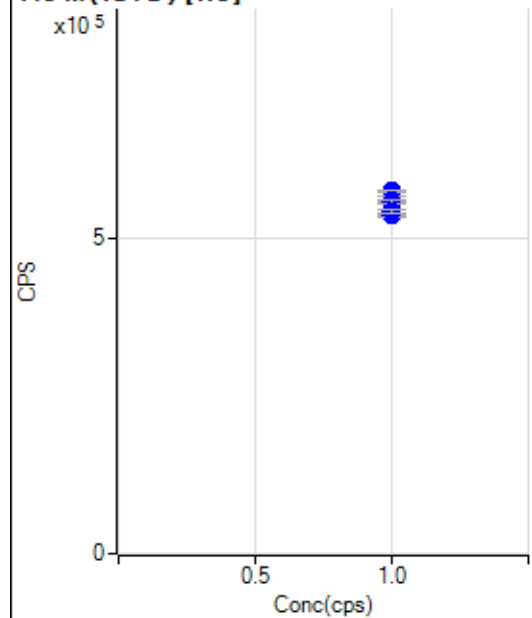
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3772400.22		A	1.6
2	☐	1.000		3685646.22		A	3.4
3	☐	1.000		3617685.37		A	1.0
4	☐	1.000		3647055.94		A	1.3
5	☐	1.000		3654432.85		A	2.0
6	☐	1.000		3567627.47		A	1.5
7	☐	1.000		3537777.68		A	0.4
8	☐	1.000		3435539.62		A	1.9

103 Rh (ISTD) [He]

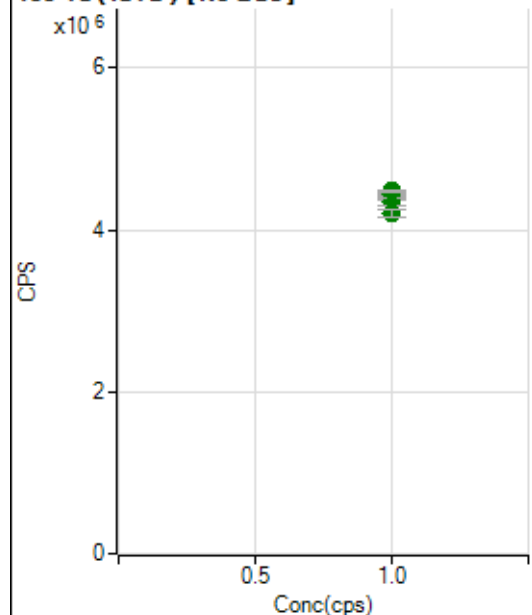
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1603539.14		A	1.2
2	☐	1.000		1602322.60		A	1.5
3	☐	1.000		1545692.86		A	1.4
4	☐	1.000		1542570.10		A	1.8
5	☐	1.000		1512627.93		A	0.6
6	☐	1.000		1470438.78		M	2.0
7	☐	1.000		1491228.38		M	1.0
8	☐	1.000		1393208.47		P	0.8

115 In (ISTD) [No Gas]

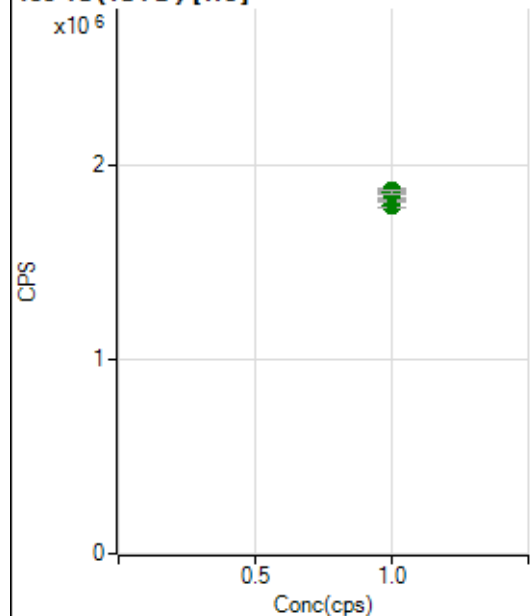
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3661868.73		A	3.4
2	☐	1.000		3728521.10		A	2.8
3	☐	1.000		3573112.20		A	1.1
4	☐	1.000		3676270.65		A	1.7
5	☐	1.000		3660535.44		A	1.0
6	☐	1.000		3642236.09		A	1.7
7	☐	1.000		3544647.42		A	1.6
8	☐	1.000		3667520.10		A	0.8

115 In (ISTD) [He]

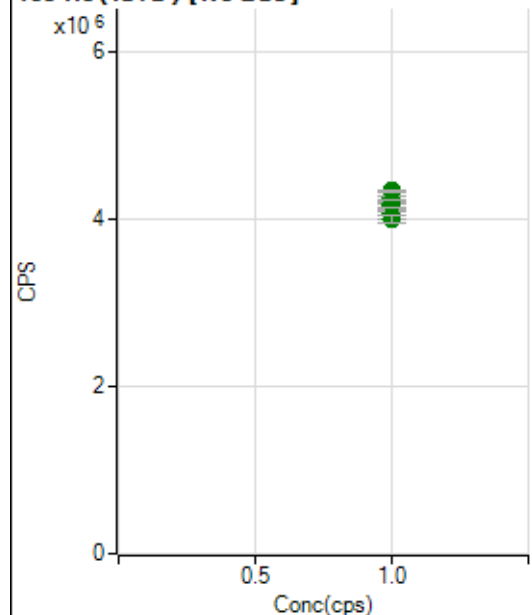
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		570899.53		P	1.1
2	☐	1.000		574443.98		P	0.2
3	☐	1.000		561281.67		P	1.4
4	☐	1.000		556388.36		P	0.9
5	☐	1.000		542398.27		P	1.3
6	☐	1.000		534592.21		P	0.2
7	☐	1.000		536913.29		P	1.3
8	☐	1.000		542462.27		P	1.5

159 Tb (ISTD) [No Gas]

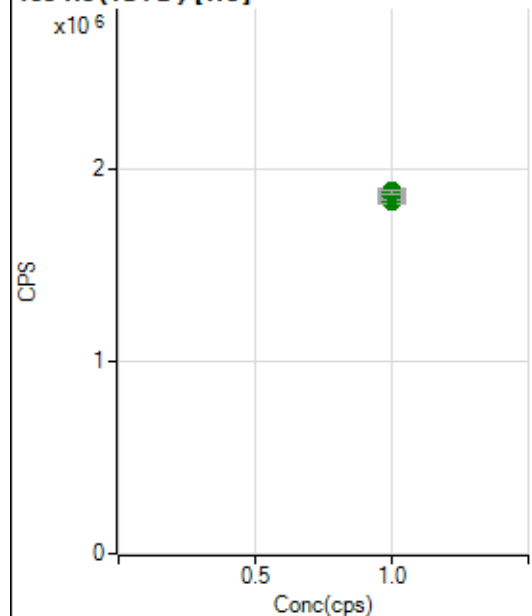
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4336911.36		A	2.2
2	☐	1.000		4413097.88		A	2.1
3	☐	1.000		4205656.43		A	2.5
4	☐	1.000		4409386.84		A	2.2
5	☐	1.000		4414312.78		A	1.5
6	☐	1.000		4413073.69		A	0.4
7	☐	1.000		4432052.40		A	1.2
8	☐	1.000		4481517.71		A	0.4

159 Tb (ISTD) [He]

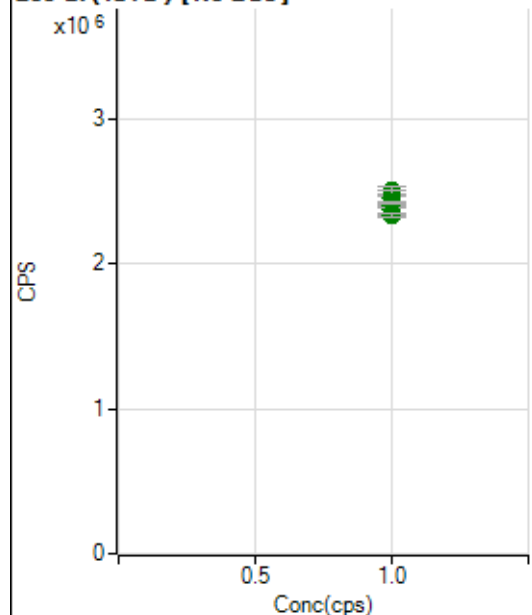
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1864995.56		A	1.0
2	☐	1.000		1860179.43		A	1.5
3	☐	1.000		1792662.87		A	1.8
4	☐	1.000		1819199.99		A	1.1
5	☐	1.000		1848213.34		A	1.8
6	☐	1.000		1847479.91		A	3.4
7	☐	1.000		1858592.16		A	0.4
8	☐	1.000		1860129.87		A	1.1

165 Ho (ISTD) [No Gas]

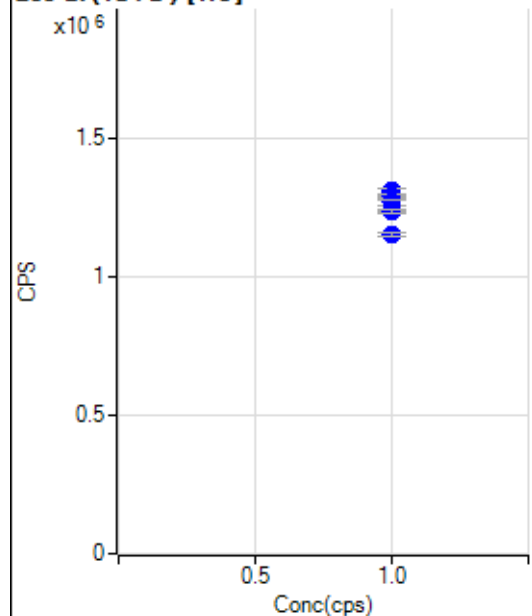
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4071319.19		A	3.1
2	☐	1.000		4149778.13		A	2.4
3	☐	1.000		4007668.23		A	2.2
4	☐	1.000		4203046.80		A	0.9
5	☐	1.000		4158936.55		A	1.9
6	☐	1.000		4184820.19		A	1.8
7	☐	1.000		4251443.71		A	1.5
8	☐	1.000		4338042.15		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1883776.98		A	2.0
2	☐	1.000		1853886.55		A	0.4
3	☐	1.000		1850566.14		A	0.8
4	☐	1.000		1848919.76		A	1.8
5	☐	1.000		1834242.49		A	1.7
6	☐	1.000		1863767.79		A	2.1
7	☐	1.000		1885946.38		A	1.8
8	☐	1.000		1875955.82		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2474679.32		A	0.7
2	☐	1.000		2505848.28		A	2.2
3	☐	1.000		2377515.99		A	3.6
4	☐	1.000		2433495.50		A	2.9
5	☐	1.000		2461315.80		A	3.5
6	☐	1.000		2402020.99		A	1.3
7	☐	1.000		2425433.05		A	0.8
8	☐	1.000		2332149.39		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1307566.02		P	1.3
2	☐	1.000		1305635.84		P	2.2
3	☐	1.000		1290691.13		P	0.9
4	☐	1.000		1266756.87		P	1.5
5	☐	1.000		1239248.13		P	0.8
6	☐	1.000		1232965.99		P	1.2
7	☐	1.000		1234757.72		P	0.9
8	☐	1.000		1150845.83		P	0.8