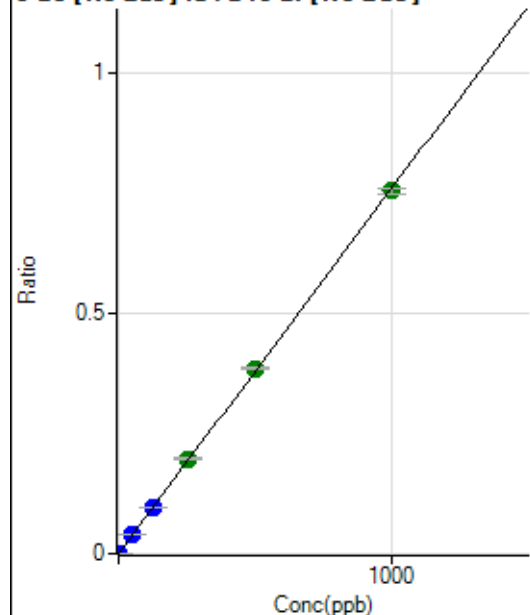


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021325MS.b\
Analysis File: P8021325MS.batch.bin
DA Date-Time: 2025-02-13 15:32:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-13 11:45:07
2	005CALS.d	S02	2025-02-13 11:48:29
3	006CALB.d	S03	2025-02-13 11:51:52
4	007CALS.d	S04	2025-02-13 11:54:56
5	008CALS.d	S05	2025-02-13 11:57:55
6	009CALS.d	S06	2025-02-13 12:00:43
7	010CALS.d	S07	2025-02-13 12:03:30
8	011CALS.d	S08	2025-02-13 12:06:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	467.87	0.0001	P	10.1
2	☐	1.000	1.083	7495.98	0.0009	P	1.9
3	☐	50.000	52.166	340332.13	0.0397	P	1.2
4	☐	125.000	125.533	825399.27	0.0955	P	0.3
5	☐	250.000	258.680	1700586.97	0.1967	A	2.0
6	☐	500.000	507.491	3280808.81	0.3859	A	0.5
7	☐	1000.000	993.909	6411033.53	0.7557	A	1.9
8	☐			2299.07	0.0003	P	9.7

$$y = 7.6031E-004 * x + 5.5312E-005$$

$$R = 0.9999$$

$$DL = 0.022$$

$$BEC = 0.07275$$

Weight: <None>

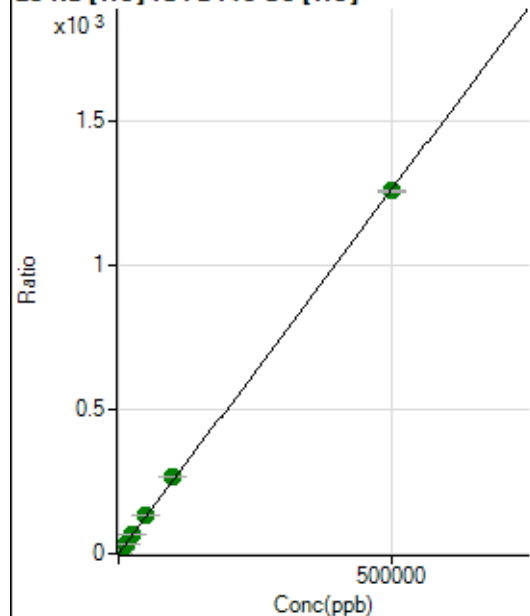
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4258293.24		A	7.2
2	☐			4316811.18		A	6.2
3	☐			4431942.05		A	4.7
4	☐			4764631.52		A	3.1
5	☐			5086718.67		A	3.0
6	☐			5660189.57		A	1.4
7	☐			6557476.50		A	1.3
8	☐			5885192.62		A	0.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25377.55		P	1.7
2	☐			25886.17		P	1.0
3	☐			26734.39		P	0.9
4	☐			29802.40		P	0.6
5	☐			32246.46		P	1.3
6	☐			36435.00		P	0.7
7	☐			45224.86		P	0.6
8	☐			49907.70		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43774.25	0.2272	P	0.9
2	☐	500.000	553.704	314158.15	1.6251	P	1.2
3	☐	5000.000	5677.015	2843880.89	14.5600	A	0.7
4	☐	12500.000	13666.469	6774806.50	34.7311	A	1.5
5	☐	25000.000	27323.974	13738882.85	69.2124	A	0.9
6	☐	50000.000	53298.913	26845444.60	134.7916	A	0.5
7	☐	100000.00	104788.99	53571101.98	264.7893	A	0.7
8	☐	500000.00	498560.12	243384963.0	1,258.948	A	0.8

$$y = 0.0025 * x + 0.2272$$

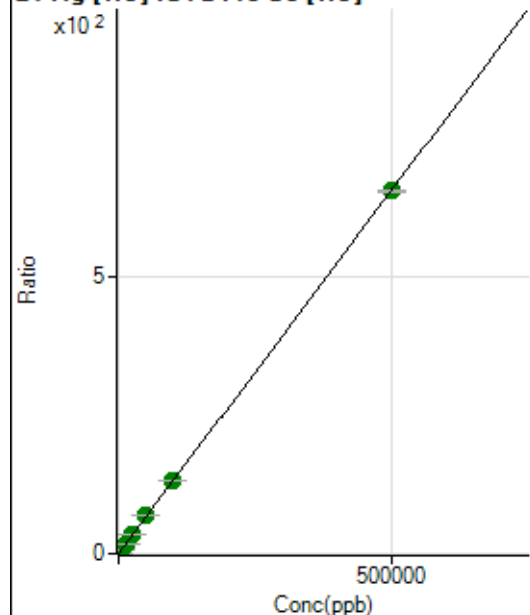
$$R = 0.9999$$

$$DL = 2.364$$

$$BEC = 89.97$$

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	5233.22	0.0272	P	0.7
2	☐	500.000	547.024	144109.75	0.7455	P	1.6
3	☐	5000.000	5595.979	1440571.61	7.3756	A	1.1
4	☐	12500.000	13513.818	3466972.17	17.7729	A	1.0
5	☐	25000.000	26466.717	6904211.49	34.7822	A	2.0
6	☐	50000.000	51938.464	13588428.83	68.2306	A	0.3
7	☐	100000.00	101539.07	26983536.82	133.3641	A	0.6
8	☐	500000.00	499393.65	126788454.7	655.8103	A	0.4

$$y = 0.0013 * x + 0.0272$$

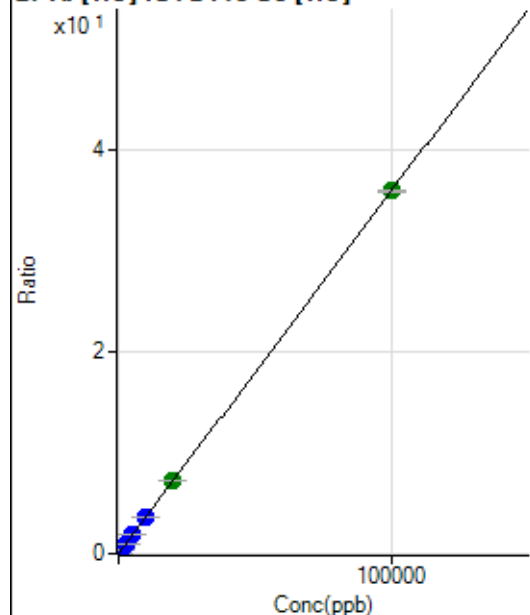
$$R = 1.0000$$

$$DL = 0.437$$

$$BEC = 20.68$$

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	71.11	0.0004	P	35.5
2	☐	20.000	21.840	1588.99	0.0082	P	7.3
3	☐	1000.000	1043.991	73399.42	0.3758	P	1.3
4	☐	2500.000	2558.257	179521.69	0.9204	P	2.0
5	☐	5000.000	5057.295	361092.74	1.8191	P	0.9
6	☐	10000.000	9833.030	704306.93	3.5365	P	0.5
7	☐	20000.000	20203.969	1470049.32	7.2661	A	0.9
8	☐	100000.00	99971.142	6950438.51	35.9520	A	0.7

$$y = 3.5962E-004 * x + 3.6927E-004$$

$$R = 1.0000$$

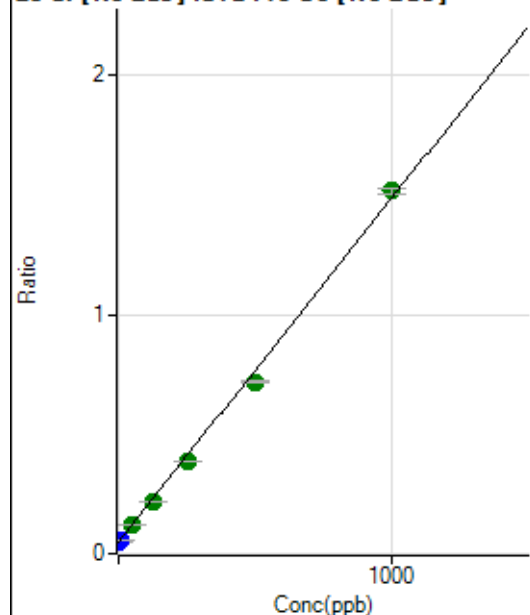
$$DL = 1.092$$

$$BEC = 1.027$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	540549.12	0.0491	P	0.7
2	☐	10.000	4.837	623218.36	0.0560	P	1.3
3	☐	50.000	47.615	1318389.43	0.1175	A	1.4
4	☐	125.000	118.299	2472493.09	0.2190	A	0.8
5	☐	250.000	234.092	4358986.15	0.3853	A	1.0
6	☐	500.000	466.382	8055985.78	0.7190	A	1.1
7	☐	1000.000	1021.795	17257298.08	1.5168	A	1.9
8	☐			742583.48	0.0708	P	2.2

$$y = 0.0014 * x + 0.0491$$

$$R = 0.9991$$

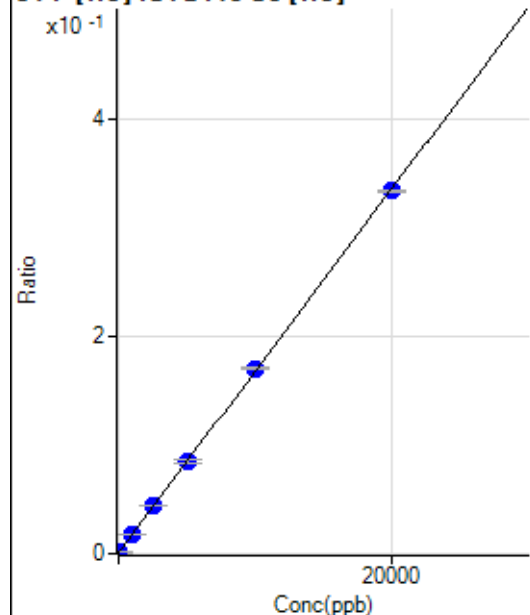
$$DL = 0.7419$$

$$BEC = 34.17$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.419	108.89	0.0006	P	12.6
2	☐	0.000	11.419	183.34	0.0009	P	10.2
3	☐	1000.000	1031.081	3521.57	0.0180	P	1.2
4	☐	2500.000	2588.002	8607.06	0.0441	P	2.4
5	☐	5000.000	5029.899	16876.62	0.0850	P	2.8
6	☐	10000.000	10139.780	33978.65	0.1706	P	1.5
7	☐	20000.000	19910.081	67638.80	0.3343	P	0.8
8	☐			113.33	0.0006	P	2.8

$$y = 1.6753E-005 * x + 7.5646E-004$$

$$R = 1.0000$$

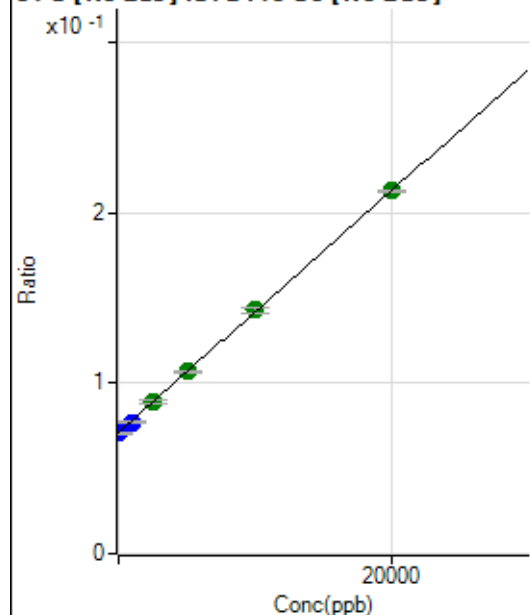
$$DL = 15$$

$$BEC = 45.15$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	89.125	791648.30	0.0719	P	0.9
2	☐	0.000	-89.125	785479.09	0.0706	P	0.9
3	☐	1000.000	852.737	867563.30	0.0773	P	0.3
4	☐	2500.000	2505.892	1004948.64	0.0890	A	2.4
5	☐	5000.000	4997.646	1207108.60	0.1067	A	1.2
6	☐	10000.000	10079.878	1599414.75	0.1428	A	1.9
7	☐	20000.000	19967.276	2422473.92	0.2129	A	0.3
8	☐			700195.55	0.0668	P	1.2

$$y = 7.0947\text{E-}006 * x + 0.0712$$

$$R = 0.9999$$

$$DL = 281$$

$$BEC = 1.004\text{E}+04$$

Weight: <None>

Min Conc: 0

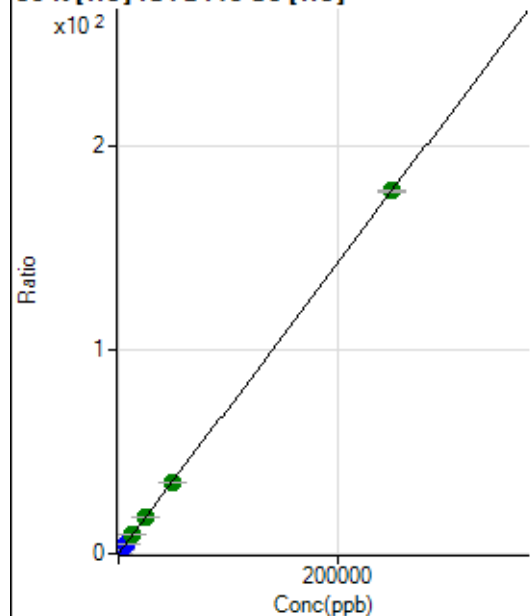
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			141635.75		P	1.2
2	☐			139963.95		P	0.3
3	☐			138255.65		P	0.5
4	☐			142829.50		P	0.4
5	☐			146119.46		P	0.6
6	☐			158251.75		P	0.6
7	☐			185136.81		P	1.5
8	☐			132023.12		P	2.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			478.90		P	3.4
2	☐			453.35		P	4.8
3	☐			468.90		P	14.7
4	☐			440.01		P	6.5
5	☐			550.02		P	12.6
6	☐			543.35		P	9.6
7	☐			685.58		P	12.2
8	☐			442.24		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8861.69	0.0460	P	1.1
2	☐	500.000	504.118	78011.65	0.4035	P	0.8
3	☐	2500.000	2497.318	354922.69	1.8172	P	0.3
4	☐	6250.000	6117.055	855242.55	4.3844	P	1.3
5	☐	12500.000	12739.500	1802749.59	9.0812	A	1.7
6	☐	25000.000	24654.945	3491372.83	17.5320	A	1.4
7	☐	50000.000	48564.121	6977995.52	34.4891	A	0.2
8	☐	250000.00	250313.04	34330501.44	177.5755	A	0.4

$$y = 7.0923\text{E-}004 * x + 0.0460$$

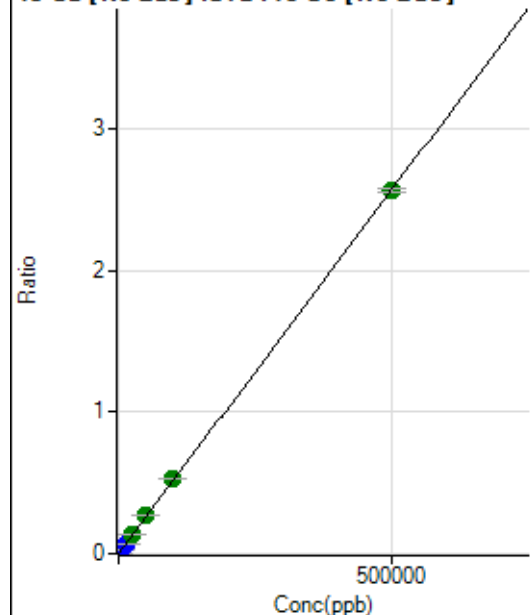
$$R = 1.0000$$

$$DL = 2.064$$

$$BEC = 64.84$$

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	540.02	0.0000	P	7.7
2	☐	500.000	541.453	31477.75	0.0028	P	1.0
3	☐	5000.000	5276.266	304669.13	0.0271	P	1.3
4	☐	12500.000	12858.600	746090.15	0.0661	P	1.1
5	☐	25000.000	26807.410	1558085.64	0.1377	A	0.9
6	☐	50000.000	52345.357	3012906.28	0.2689	A	0.3
7	☐	100000.00	103662.18	6057967.69	0.5325	A	0.9
8	☐	500000.00	498930.88	26860437.10	2.5626	A	1.1

$$y = 5.1360\text{E-}006 * x + 4.9007\text{E-}005$$

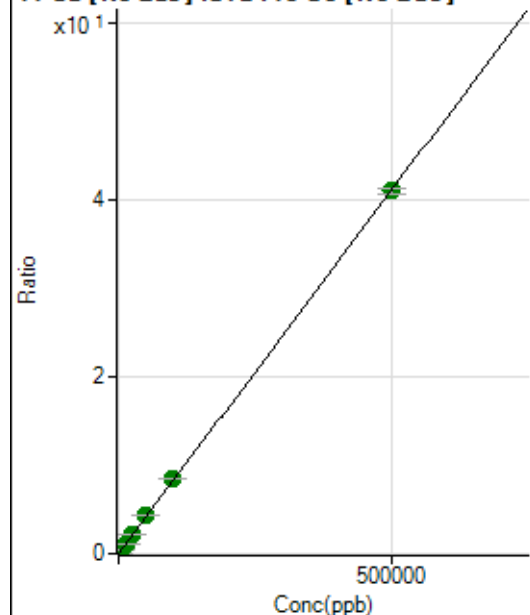
R = 1.0000

DL = 2.217

BEC = 9.542

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	27309.31	0.0025	P	0.2
2	☐	500.000	545.654	527188.03	0.0474	P	0.1
3	☐	5000.000	5410.040	5025721.70	0.4478	A	0.6
4	☐	12500.000	13170.686	12266574.40	1.0866	A	1.2
5	☐	25000.000	26344.589	24558607.69	2.1710	A	0.7
6	☐	50000.000	51873.319	47870903.17	4.2724	A	0.8
7	☐	100000.00	102965.51	96456457.45	8.4779	A	1.2
8	☐	500000.00	499131.42	430653242.4	41.0878	A	1.9

$$y = 8.2314\text{E-}005 * x + 0.0025$$

R = 1.0000

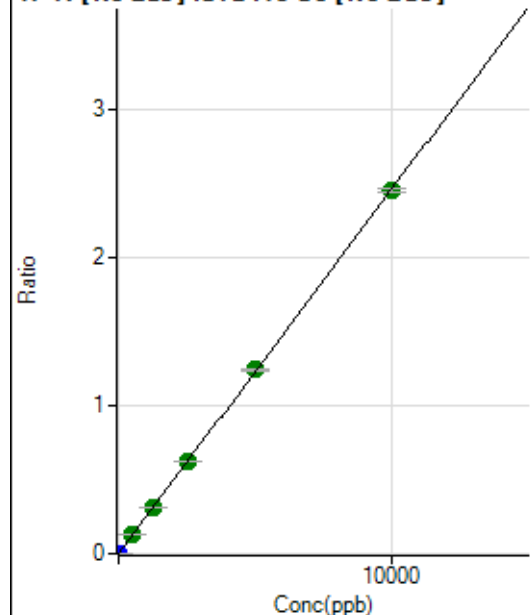
DL = 0.219

BEC = 30.12

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.34	0.0000	P	9.8
2	☐	5.000	5.122	14274.99	0.0013	P	0.7
3	☐	500.000	522.248	1439492.91	0.1283	A	1.6
4	☐	1250.000	1265.233	3507383.04	0.3107	A	1.5
5	☐	2500.000	2517.858	6994198.44	0.6183	A	0.5
6	☐	5000.000	5064.942	13934860.49	1.2437	A	1.0
7	☐	10000.000	9960.048	27826272.36	2.4457	A	1.0
8	☐			6750.56	0.0006	P	4.8

$$y = 2.4555\text{E-}004 * x + 2.5709\text{E-}005$$

$$R = 1.0000$$

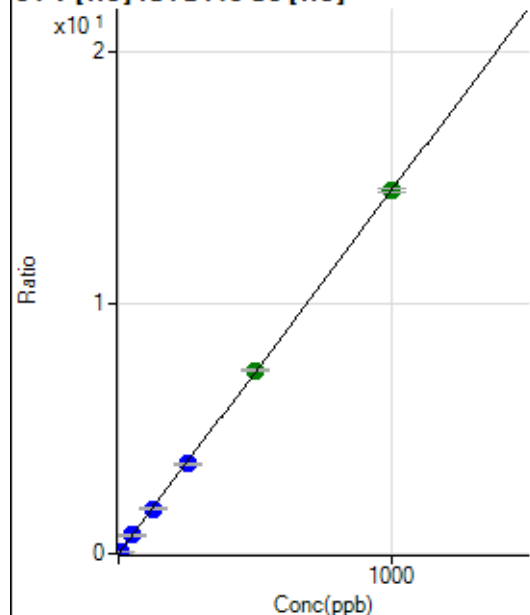
$$DL = 0.03085$$

$$BEC = 0.1047$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.44	0.0001	P	41.6
2	☐	5.000	5.234	14687.64	0.0760	P	2.8
3	☐	50.000	50.307	142424.55	0.7292	P	1.5
4	☐	125.000	124.201	351135.56	1.8002	P	1.8
5	☐	250.000	246.584	709434.85	3.5739	P	0.6
6	☐	500.000	504.028	1454811.99	7.3050	A	0.9
7	☐	1000.000	998.924	2928988.40	14.4776	A	1.0
8	☐			761.14	0.0039	P	1.2

$$y = 0.0145 * x + 1.2683\text{E-}004$$

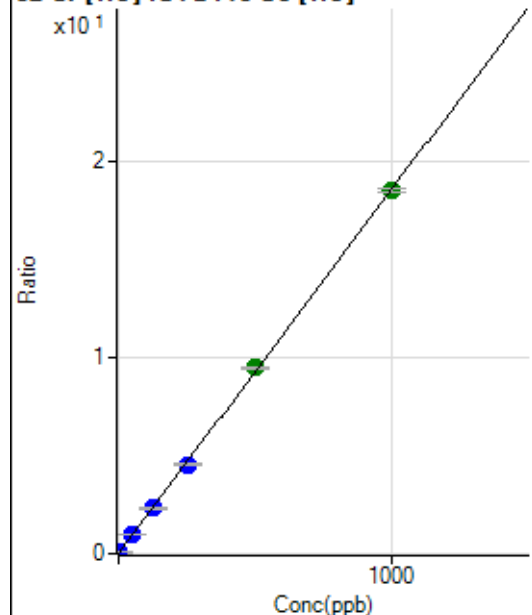
$$R = 1.0000$$

$$DL = 0.01091$$

$$BEC = 0.008751$$

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	2411.34	0.0125	P	2.3
2	☐	2.000	2.083	9902.40	0.0512	P	0.7
3	☐	50.000	50.379	185321.44	0.9489	P	1.2
4	☐	125.000	123.540	450326.15	2.3086	P	1.4
5	☐	250.000	244.942	906163.98	4.5649	P	0.5
6	☐	500.000	510.039	1890477.87	9.4920	A	0.8
7	☐	1000.000	996.409	3749578.25	18.5315	A	1.0
8	☐			11841.64	0.0612	P	0.8

$$y = 0.0186 * x + 0.0125$$

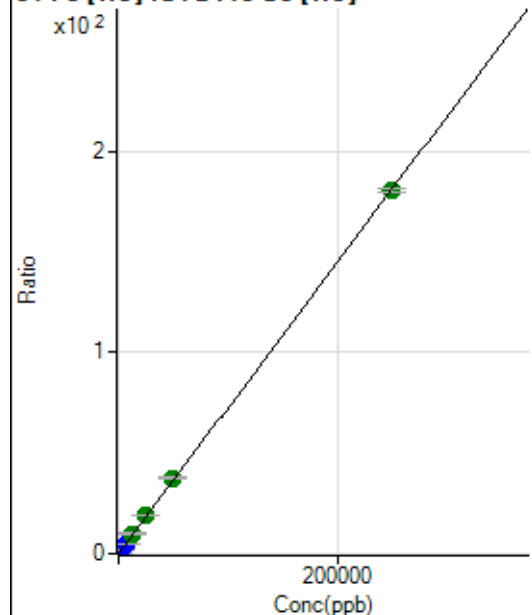
$$R = 0.9999$$

$$DL = 0.04656$$

$$BEC = 0.6733$$

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	940.04	0.0049	P	1.8
2	☐	50.000	57.140	8930.62	0.0462	P	2.4
3	☐	2500.000	2729.489	386469.47	1.9787	P	0.4
4	☐	6250.000	6673.696	942344.96	4.8309	P	1.1
5	☐	12500.000	13834.041	1986773.67	10.0088	A	1.3
6	☐	25000.000	26738.502	3851433.17	19.3405	A	1.6
7	☐	50000.000	52169.886	7633327.18	37.7309	A	1.3
8	☐	250000.00	249312.58	34854722.26	180.2922	A	1.1

$$y = 7.2314E-004 * x + 0.0049$$

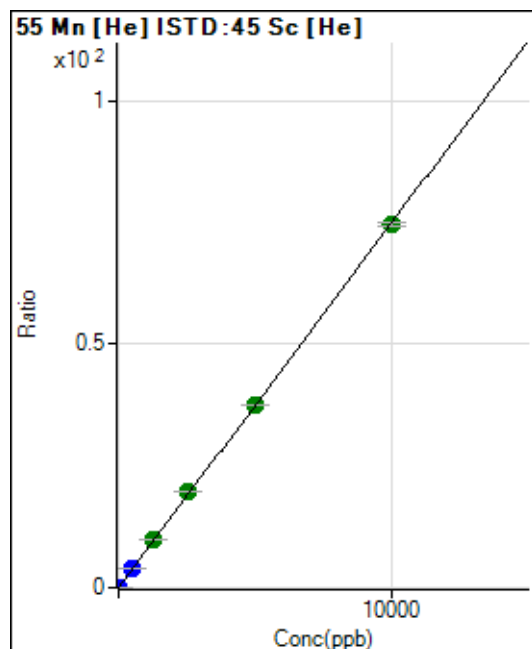
$$R = 0.9999$$

$$DL = 0.3726$$

$$BEC = 6.745$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	297.78	0.0015	P	9.8
2	☐	1.000	1.118	1916.82	0.0099	P	6.8
3	☐	500.000	515.267	753937.92	3.8601	P	0.7
4	☐	1250.000	1325.080	1936045.06	9.9243	A	2.8
5	☐	2500.000	2629.265	3908697.23	19.6906	A	0.5
6	☐	5000.000	5019.532	7486531.55	37.5900	A	0.6
7	☐	10000.000	9947.769	15071215.61	74.4948	A	1.1
8	☐			7003.99	0.0362	P	3.7

$$y = 0.0075 * x + 0.0015$$

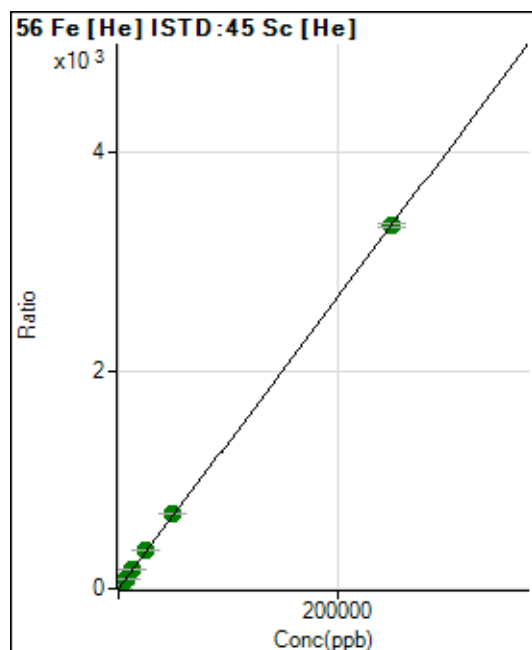
$$R = 0.9999$$

$$DL = 0.06076$$

$$BEC = 0.2064$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13704.43	0.0711	P	0.8
2	☐	50.000	55.492	156918.78	0.8117	P	1.0
3	☐	2500.000	2781.141	7263276.49	37.1883	A	1.3
4	☐	6250.000	6752.603	17593125.15	90.1916	A	1.3
5	☐	12500.000	13439.839	35619474.47	179.4397	A	0.8
6	☐	25000.000	26163.877	69560257.30	349.2552	A	0.8
7	☐	50000.000	51386.944	138761192.3	685.8832	A	1.5
8	☐	250000.00	249543.85	643852408.1	3,330.492	A	1.1

$$y = 0.0133 * x + 0.0711$$

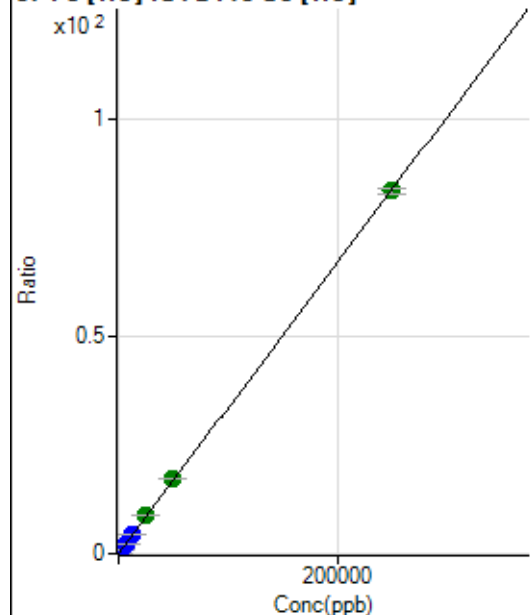
$$R = 1.0000$$

$$DL = 0.1342$$

$$BEC = 5.329$$

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	310.01	0.0016	P	6.3
2	☐	50.000	59.124	4135.08	0.0214	P	0.7
3	☐	2500.000	2693.497	176306.03	0.9027	P	0.5
4	☐	6250.000	6548.399	427636.97	2.1922	P	1.0
5	☐	12500.000	12871.041	855038.51	4.3074	P	0.5
6	☐	25000.000	26480.742	1764547.65	8.8602	A	0.9
7	☐	50000.000	51424.323	3480784.60	17.2046	A	0.7
8	☐	250000.00	249539.11	16137824.90	83.4799	A	1.7

$$y = 3.3453\text{E-}004 * x + 0.0016$$

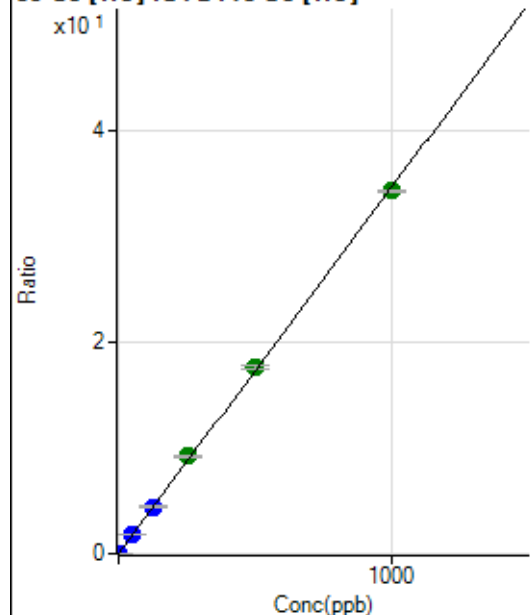
$$R = 1.0000$$

$$DL = 0.9042$$

$$BEC = 4.808$$

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	291.12	0.0015	P	5.6
2	☐	1.000	1.162	8085.72	0.0418	P	0.3
3	☐	50.000	52.694	357271.98	1.8292	P	0.0
4	☐	125.000	128.543	870000.01	4.4600	P	1.0
5	☐	250.000	265.566	1828731.34	9.2125	A	0.6
6	☐	500.000	509.470	3519226.41	17.6722	A	1.5
7	☐	1000.000	990.796	6953019.69	34.3667	A	0.7
8	☐			14055.91	0.0727	P	1.0

$$y = 0.0347 * x + 0.0015$$

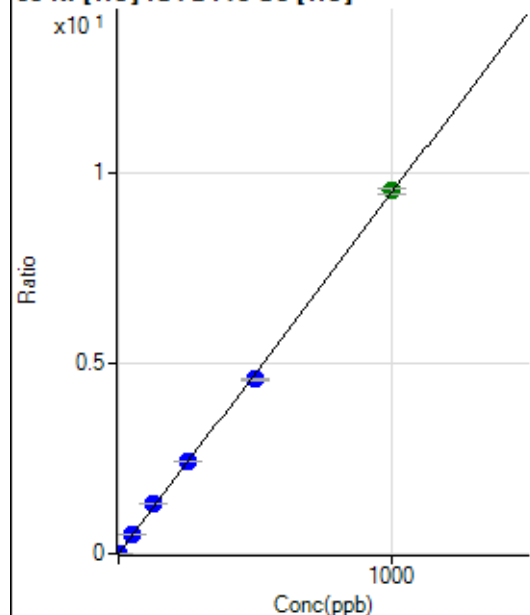
$$R = 0.9998$$

$$DL = 0.007295$$

$$BEC = 0.04356$$

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	1582.33	0.0082	P	5.2
2	☐	1.000	0.997	3413.78	0.0177	P	4.3
3	☐	50.000	53.542	100720.90	0.5157	P	1.2
4	☐	125.000	137.681	256156.81	1.3132	P	1.3
5	☐	250.000	253.762	479075.15	2.4134	P	0.7
6	☐	500.000	482.492	912373.04	4.5814	P	0.9
7	☐	1000.000	1006.051	1930846.88	9.5438	A	1.3
8	☐			6960.66	0.0360	P	3.4

$$y = 0.0095 * x + 0.0082$$

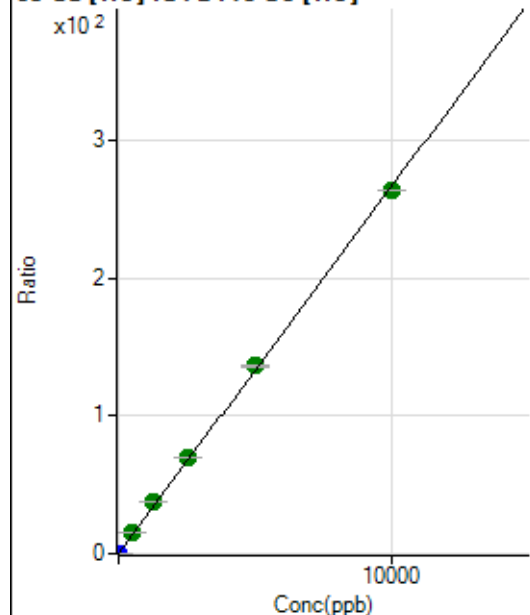
$$R = 0.9997$$

$$DL = 0.1343$$

$$BEC = 0.8663$$

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	3182.61	0.0165	P	4.8
2	☐	2.000	2.199	14541.99	0.0752	P	1.3
3	☐	500.000	566.051	2954698.53	15.1280	A	0.9
4	☐	1250.000	1423.897	7418343.92	38.0293	A	1.0
5	☐	2500.000	2640.562	13996619.37	70.5098	A	0.2
6	☐	5000.000	5119.581	27221595.15	136.6904	A	1.2
7	☐	10000.000	9880.030	53368512.54	263.7767	A	0.1
8	☐			13270.72	0.0687	P	2.7

$$y = 0.0267 * x + 0.0165$$

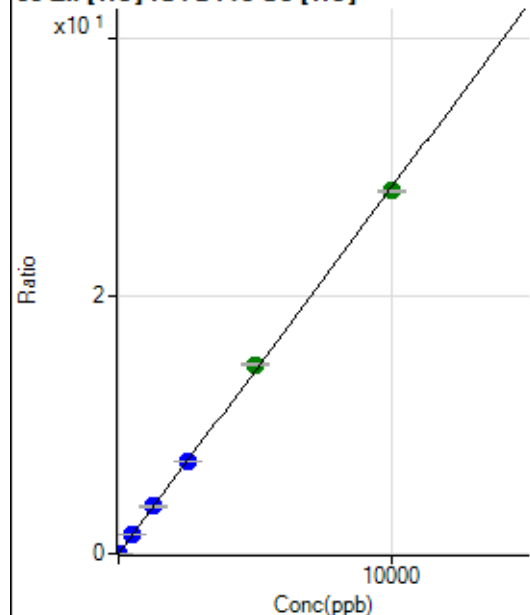
$$R = 0.9997$$

$$DL = 0.08985$$

$$BEC = 0.6187$$

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	177.78	0.0009	P	13.3
2	☐	2.000	5.574	3244.85	0.0168	P	3.8
3	☐	500.000	528.713	294121.75	1.5059	P	0.6
4	☐	1250.000	1291.270	717172.07	3.6765	P	0.8
5	☐	2500.000	2521.283	1424799.16	7.1776	P	0.3
6	☐	5000.000	5159.377	2924903.36	14.6868	A	1.2
7	☐	10000.000	9908.395	5706257.83	28.2046	A	0.7
8	☐			3107.04	0.0161	P	4.1

$$y = 0.0028 * x + 9.2263E-004$$

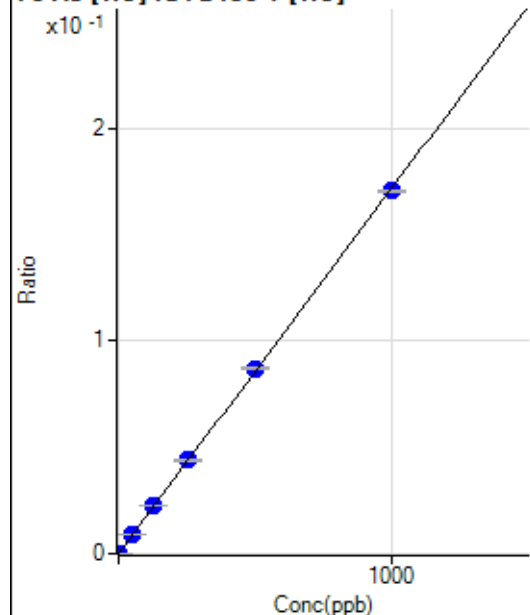
$$R = 0.9998$$

$$DL = 0.129$$

$$BEC = 0.3241$$

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	6.66	0.0000	P	87.7
2	☐	1.000	1.117	354.45	0.0002	P	6.6
3	☐	50.000	52.212	16152.68	0.0090	P	1.4
4	☐	125.000	129.606	40567.09	0.0223	P	0.4
5	☐	250.000	256.749	81845.65	0.0441	P	1.2
6	☐	500.000	507.472	160165.29	0.0871	P	0.7
7	☐	1000.000	993.890	318860.84	0.1707	P	0.5
8	☐			158.89	0.0001	P	15.6

$$y = 1.7171E-004 * x + 3.6894E-006$$

$$R = 0.9999$$

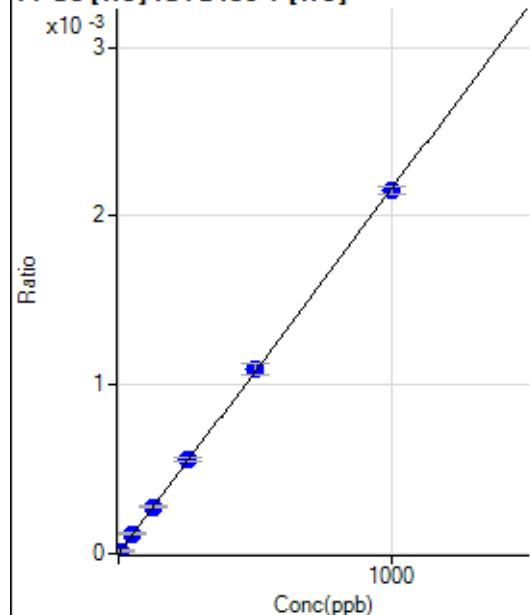
$$DL = 0.05655$$

$$BEC = 0.02149$$

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	7.372	28.89	0.0000	P	23.7
3	☐	50.000	54.276	211.12	0.0001	P	5.3
4	☐	125.000	128.160	504.46	0.0003	P	4.9
5	☐	250.000	257.213	1031.16	0.0006	P	4.6
6	☐	500.000	505.671	2007.94	0.0011	P	6.0
7	☐	1000.000	994.741	4013.94	0.0021	P	2.2
8	☐			4.44	0.0000	P	43.6

$$y = 2.1599\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

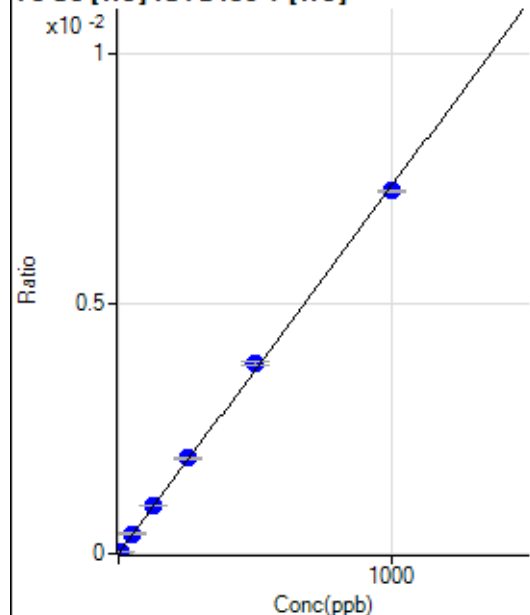
$$DL = 0$$

$$BEC = 0$$

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	6.67	0.0000	P	86.6
2	☐	5.000	5.837	84.44	0.0000	P	12.7
3	☐	50.000	53.876	720.03	0.0004	P	9.0
4	☐	125.000	131.773	1772.36	0.0010	P	0.5
5	☐	250.000	259.531	3548.26	0.0019	P	2.9
6	☐	500.000	518.620	7015.14	0.0038	P	1.9
7	☐	1000.000	987.263	13567.73	0.0073	P	0.5
8	☐			16.66	0.0000	P	34.9

$$y = 7.3517\text{E-}006 * x + 3.6831\text{E-}006$$

$$R = 0.9997$$

$$DL = 1.302$$

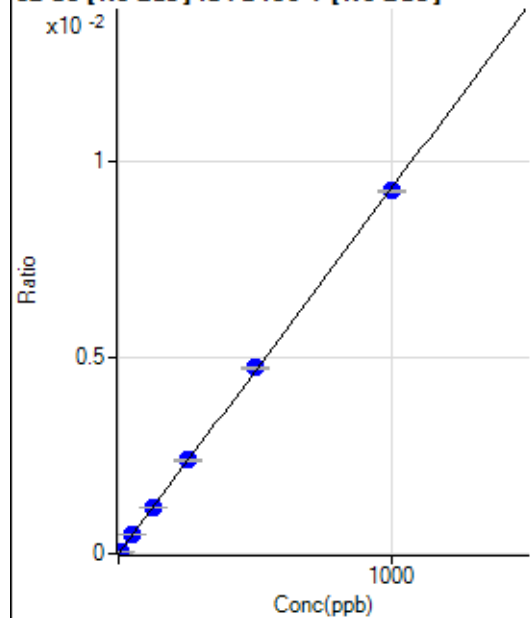
$$BEC = 0.501$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4248.47		P	3.2
2	☐			4062.86		P	7.2
3	☐			4245.13		P	2.4
4	☐			4021.73		P	4.8
5	☐			4286.26		P	1.2
6	☐			4410.74		P	2.5
7	☐			4522.99		P	0.5
8	☐			4737.51		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-10.00	0.0000	P	-326.
2	☐	5.000	5.430	1429.00	0.0001	P	8.0
3	☐	50.000	53.598	14237.63	0.0005	P	2.6
4	☐	125.000	127.196	34454.16	0.0012	P	0.6
5	☐	250.000	257.137	68978.97	0.0024	P	1.7
6	☐	500.000	509.196	135678.18	0.0047	P	1.3
7	☐	1000.000	993.161	267436.29	0.0092	P	0.6
8	☐			-35.56	0.0000	P	-82.2

$$y = 9.2912\text{E-}006 * x - 3.5107\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.3698$$

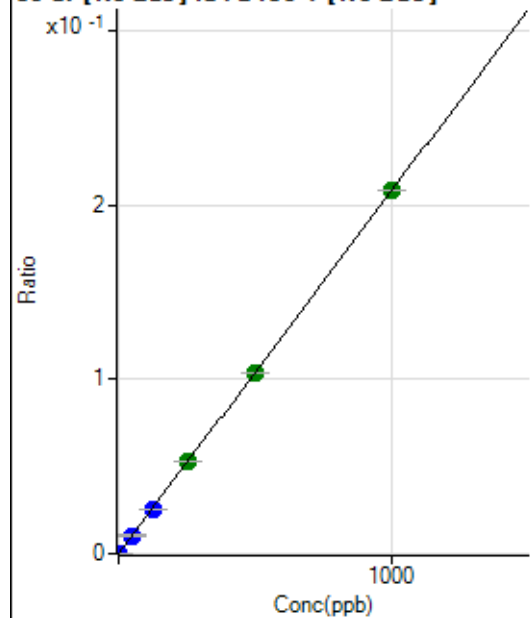
$$BEC = -0.03779$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			302.23		P	14.0
2	☐			277.78		P	4.2
3	☐			301.12		P	14.6
4	☐			323.34		P	11.9
5	☐			320.01		P	13.8
6	☐			307.78		P	3.1
7	☐			392.23		P	12.2
8	☐			454.46		P	6.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	760.03	0.0000	P	8.6
2	☐	1.000	1.040	6924.01	0.0002	P	1.6
3	☐	50.000	50.112	298985.81	0.0105	P	1.1
4	☐	125.000	119.820	727600.10	0.0250	P	0.7
5	☐	250.000	255.034	1532833.28	0.0531	A	1.3
6	☐	500.000	498.992	2977806.41	0.1038	A	0.7
7	☐	1000.000	999.887	6029046.58	0.2080	A	0.2
8	☐			17527.74	0.0007	P	2.4

$$y = 2.0801E-004 * x + 2.6575E-005$$

$$R = 1.0000$$

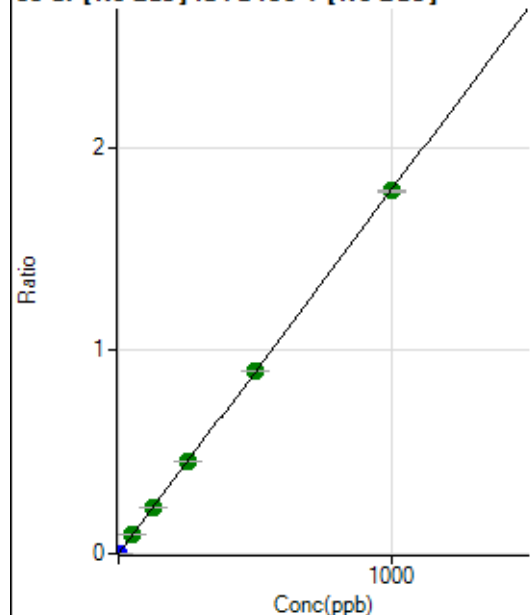
$$DL = 0.03303$$

$$BEC = 0.1278$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2519.14	0.0001	P	3.8
2	☐	1.000	1.034	55269.88	0.0019	P	1.0
3	☐	50.000	53.039	2717709.68	0.0950	A	0.5
4	☐	125.000	126.647	6611146.92	0.2267	A	0.6
5	☐	250.000	253.943	13124014.67	0.4545	A	1.7
6	☐	500.000	502.630	25797808.23	0.8995	A	0.8
7	☐	1000.000	997.341	51726355.89	1.7847	A	0.3
8	☐			147615.04	0.0055	P	0.5

$$y = 0.0018 * x + 8.8084E-005$$

$$R = 1.0000$$

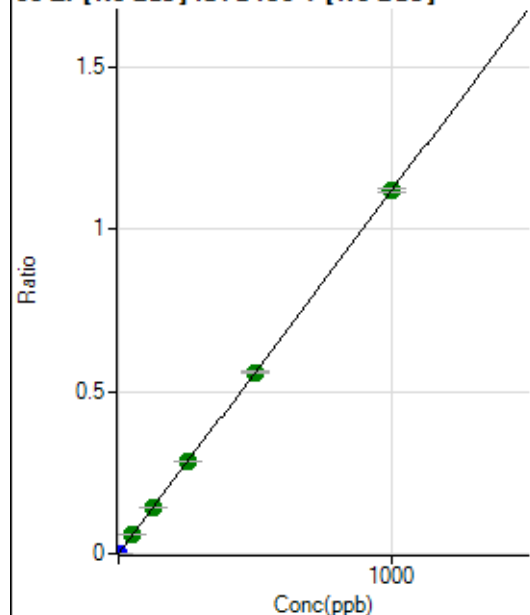
$$DL = 0.00558$$

$$BEC = 0.04923$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	965.60	0.0000	P	5.1
2	☐	1.000	1.011	33222.83	0.0012	P	0.3
3	☐	50.000	52.764	1690984.39	0.0591	A	1.3
4	☐	125.000	125.857	4109488.03	0.1409	A	2.0
5	☐	250.000	253.096	8183881.68	0.2834	A	0.7
6	☐	500.000	498.384	16003637.82	0.5580	A	1.0
7	☐	1000.000	999.789	32441605.90	1.1193	A	1.0
8	☐			50619.19	0.0019	P	0.2

$$y = 0.0011 * x + 3.3753E-005$$

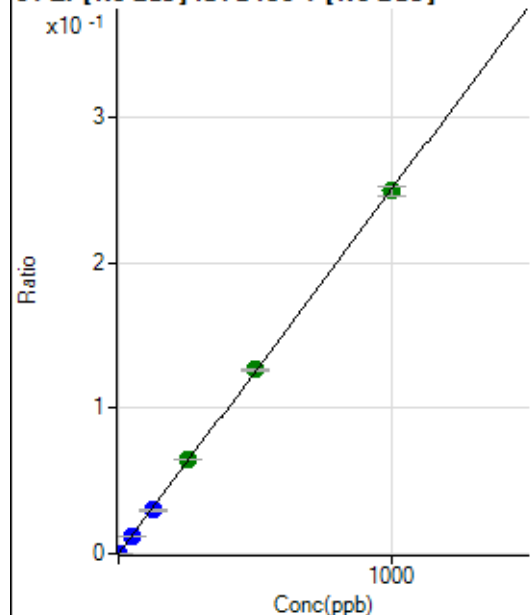
$$R = 1.0000$$

$$DL = 0.004572$$

$$BEC = 0.03015$$

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	163.34	0.0000	P	2.6
2	☐	1.000	0.995	7257.51	0.0003	P	2.5
3	☐	50.000	49.156	351847.29	0.0123	P	1.0
4	☐	125.000	118.951	867541.09	0.0298	P	1.6
5	☐	250.000	258.803	1869052.66	0.0647	A	1.3
6	☐	500.000	504.570	3619160.19	0.1262	A	0.3
7	☐	1000.000	996.313	7220876.01	0.2492	A	2.3
8	☐			11103.40	0.0004	P	2.1

$$y = 2.5007\text{E-}004 * x + 5.7111\text{E-}006$$

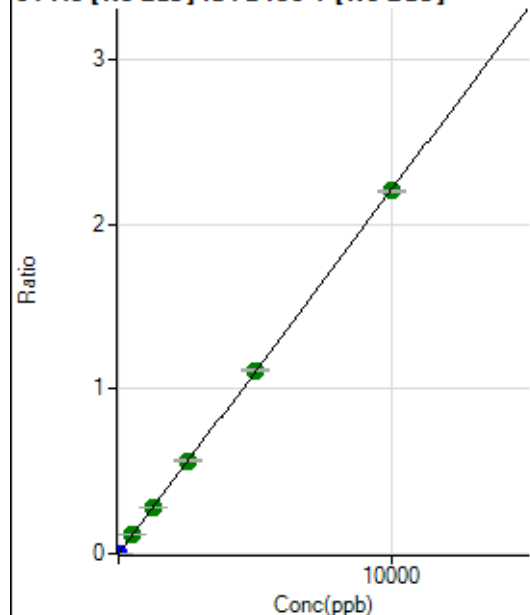
$$R = 0.9999$$

$$DL = 0.001756$$

$$BEC = 0.02284$$

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	635.58	0.0000	P	0.8
2	☐	5.000	6.082	38950.00	0.0014	P	1.4
3	☐	500.000	525.941	3325209.15	0.1162	A	0.7
4	☐	1250.000	1255.324	8088192.45	0.2774	A	2.1
5	☐	2500.000	2557.772	16320761.56	0.5652	A	0.9
6	☐	5000.000	5024.081	31837496.75	1.1101	A	1.0
7	☐	10000.000	9971.553	63855563.49	2.2032	A	0.7
8	☐			44728.46	0.0017	P	1.8

$$y = 2.2095\text{E-}004 * x + 2.2220\text{E-}005$$

$$R = 1.0000$$

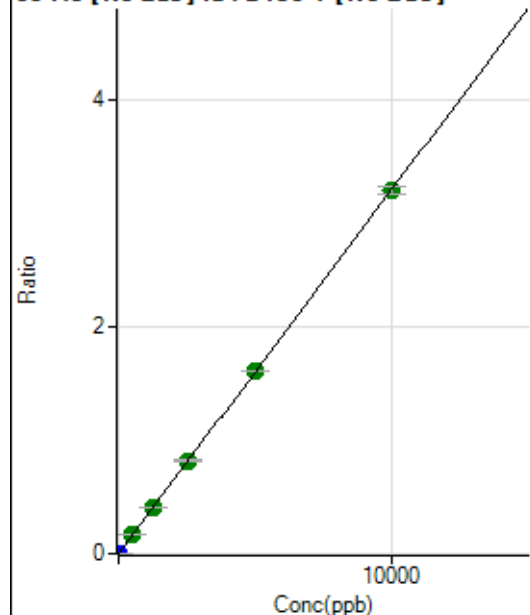
$$DL = 0.002436$$

$$BEC = 0.1006$$

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	563.35	0.0000	P	4.4
2	☐	5.000	5.055	46720.54	0.0016	P	1.3
3	☐	500.000	524.431	4805117.43	0.1680	A	1.1
4	☐	1250.000	1264.363	11807110.24	0.4049	A	1.1
5	☐	2500.000	2557.750	23651638.26	0.8191	A	1.7
6	☐	5000.000	5017.180	46080458.76	1.6066	A	0.6
7	☐	10000.000	9973.956	92565740.84	3.1939	A	2.2
8	☐			46685.98	0.0017	P	1.3

$$y = 3.2022\text{E-}004 * x + 1.9699\text{E-}005$$

$$R = 1.0000$$

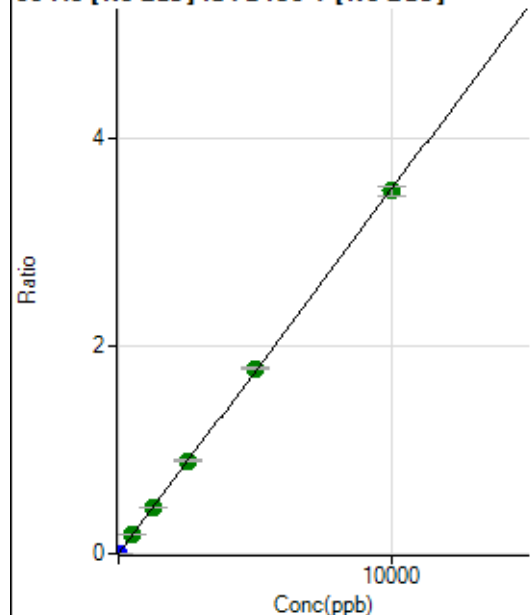
$$DL = 0.008057$$

$$BEC = 0.06152$$

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	678.91	0.0000	P	6.2
2	☐	5.000	5.123	51936.49	0.0018	P	1.3
3	☐	500.000	527.831	5299606.69	0.1852	A	0.4
4	☐	1250.000	1263.631	12930351.61	0.4434	A	1.4
5	☐	2500.000	2548.486	25821340.45	0.8943	A	2.5
6	☐	5000.000	5068.475	51012053.68	1.7785	A	0.9
7	☐	10000.000	9950.546	101193576.2	3.4916	A	2.4
8	☐			52954.93	0.0020	P	1.0

$$y = 3.5090\text{E-}004 * x + 2.3741\text{E-}005$$

$$R = 1.0000$$

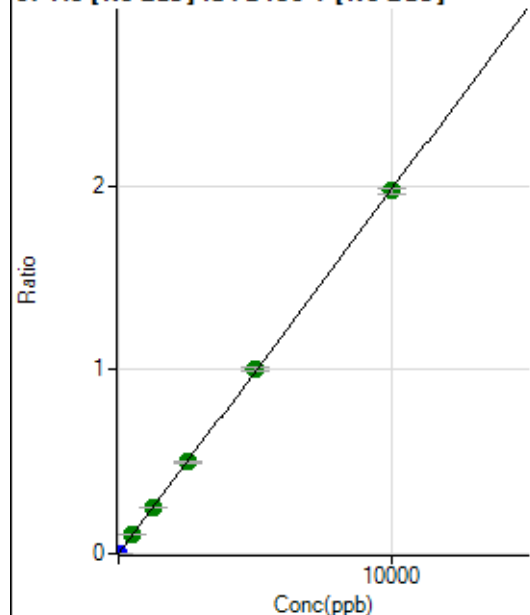
$$DL = 0.01251$$

$$BEC = 0.06766$$

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	375.57	0.0000	P	9.5
2	☐	5.000	5.057	28924.57	0.0010	P	1.3
3	☐	500.000	531.192	3009434.68	0.1052	A	0.5
4	☐	1250.000	1252.798	7233380.24	0.2481	A	1.8
5	☐	2500.000	2533.277	14483760.34	0.5016	A	2.2
6	☐	5000.000	5055.891	28709459.57	1.0011	A	1.9
7	☐	10000.000	9961.826	57166441.92	1.9724	A	1.3
8	☐			27688.79	0.0010	P	2.6

$$y = 1.9800\text{E-}004 * x + 1.3129\text{E-}005$$

$$R = 1.0000$$

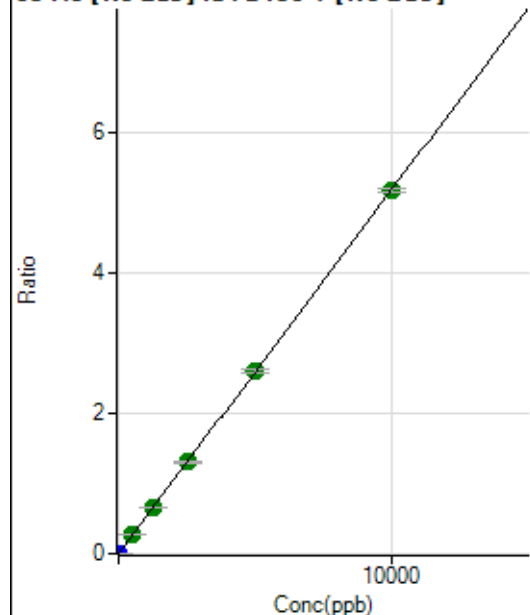
$$DL = 0.01891$$

$$BEC = 0.06631$$

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	911.15	0.0000	P	4.2
2	☐	5.000	5.045	75457.98	0.0026	P	1.1
3	☐	500.000	523.988	7768947.59	0.2715	A	0.6
4	☐	1250.000	1256.603	18987132.91	0.6512	A	2.1
5	☐	2500.000	2533.761	37913013.32	1.3130	A	1.9
6	☐	5000.000	5029.896	74745072.77	2.6064	A	2.4
7	☐	10000.000	9974.587	149801503.3	5.1686	A	1.0
8	☐			71449.53	0.0027	P	1.2

$$y = 5.1818\text{E-}004 * x + 3.1860\text{E-}005$$

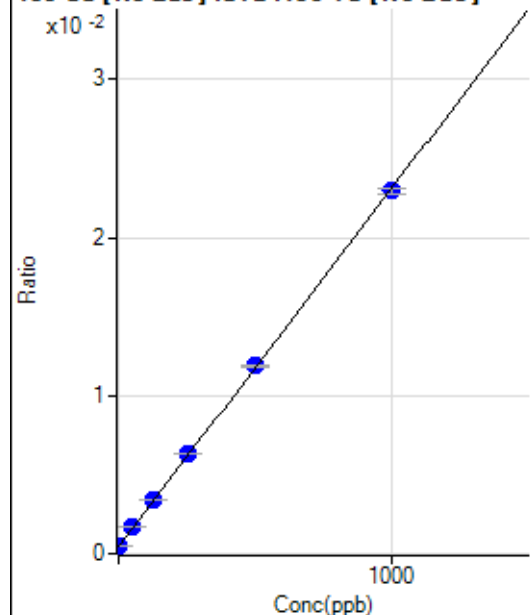
$$R = 1.0000$$

$$DL = 0.007771$$

$$BEC = 0.06148$$

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	9663.49	0.0004	P	1.3
2	☐	1.000	0.521	9875.85	0.0004	P	2.1
3	☐	50.000	54.097	36940.52	0.0017	P	1.0
4	☐	125.000	129.854	76428.85	0.0034	P	1.5
5	☐	250.000	259.922	142870.45	0.0063	P	0.1
6	☐	500.000	506.184	266382.51	0.0119	P	0.9
7	☐	1000.000	993.617	515991.81	0.0229	P	1.6
8	☐			8886.27	0.0004	P	0.5

$$y = 2.2657\text{E-}005 * x + 4.3249\text{E-}004$$

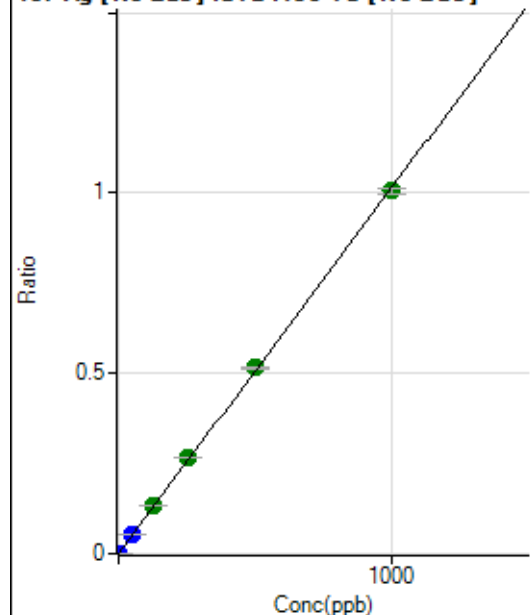
$$R = 0.9999$$

$$DL = 0.7371$$

$$BEC = 19.09$$

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	231.12	0.0000	P	17.9
2	☐	1.000	1.030	23431.12	0.0011	P	1.5
3	☐	50.000	52.372	1182757.49	0.0531	P	0.8
4	☐	125.000	132.794	3048447.00	0.1346	A	0.3
5	☐	250.000	262.527	6013577.06	0.2661	A	1.4
6	☐	500.000	507.672	11516918.58	0.5145	A	1.1
7	☐	1000.000	991.940	22609496.05	1.0054	A	1.2
8	☐			3906.15	0.0002	P	4.7

$$y = 0.0010 * x + 1.0349\text{E-}005$$

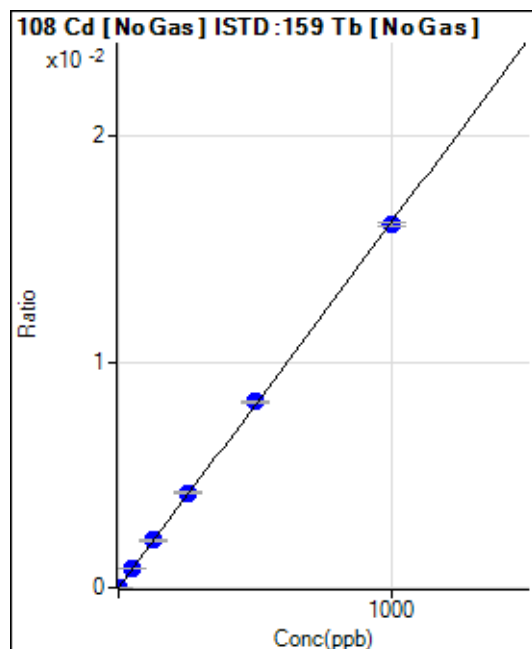
$$R = 0.9999$$

$$DL = 0.005469$$

$$BEC = 0.01021$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.55	0.0000	P	41.9
2	☐	1.000	1.110	424.45	0.0000	P	16.0
3	☐	50.000	54.618	19708.65	0.0009	P	1.7
4	☐	125.000	128.967	47274.06	0.0021	P	0.8
5	☐	250.000	258.843	94653.05	0.0042	P	1.4
6	☐	500.000	508.375	184089.89	0.0082	P	0.6
7	☐	1000.000	992.875	361208.50	0.0161	P	1.1
8	☐			282.23	0.0000	P	6.8

$$y = 1.6176\text{E-}005 * x + 1.1437\text{E-}006$$

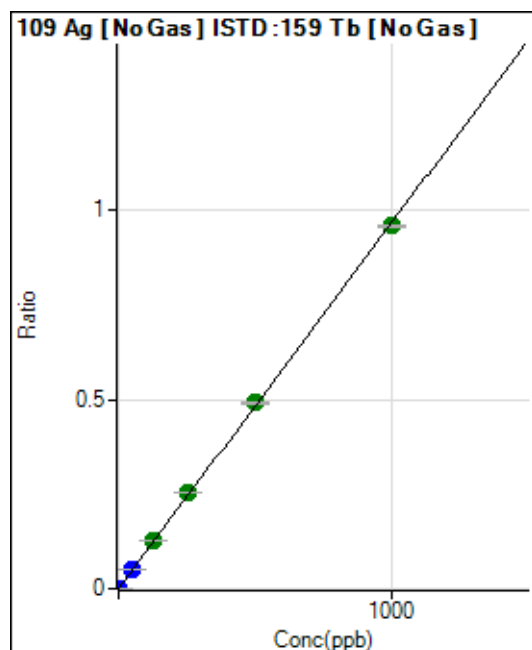
$$R = 0.9999$$

$$DL = 0.08884$$

$$BEC = 0.0707$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.89	0.0000	P	15.3
2	☐	1.000	1.034	22313.70	0.0010	P	0.6
3	☐	50.000	52.502	1130740.35	0.0508	P	1.1
4	☐	125.000	132.617	2903513.88	0.1282	A	0.8
5	☐	250.000	262.121	5726750.75	0.2534	A	1.3
6	☐	500.000	507.529	10981570.32	0.4906	A	0.7
7	☐	1000.000	992.128	21569063.99	0.9591	A	0.6
8	☐			3597.18	0.0002	P	2.2

$$y = 9.6667\text{E-}004 * x + 4.8711\text{E-}006$$

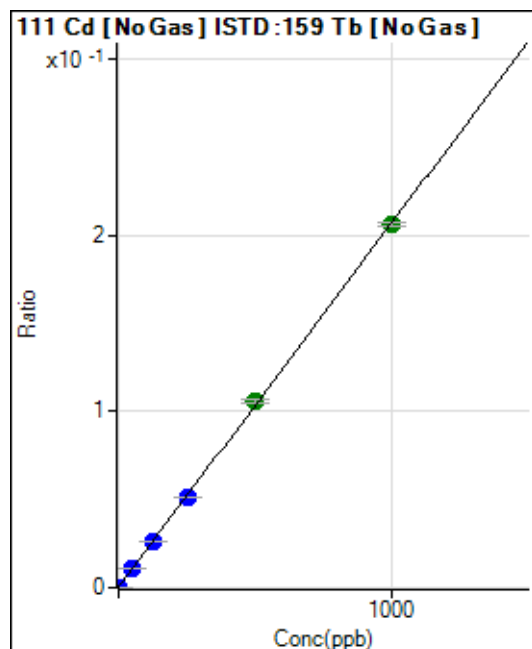
$$R = 0.9999$$

$$DL = 0.002314$$

$$BEC = 0.005039$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6776.56	0.0003	P	1.2
2	☐	1.000	1.032	11481.32	0.0005	P	2.1
3	☐	50.000	51.819	245204.72	0.0110	P	1.6
4	☐	125.000	123.440	584347.45	0.0258	P	1.0
5	☐	250.000	245.641	1153619.21	0.0510	P	0.7
6	☐	500.000	511.663	2372546.08	0.1060	A	1.4
7	☐	1000.000	995.362	4630678.07	0.2059	A	1.0
8	☐			7069.55	0.0003	P	1.3

$$y = 2.0656\text{E-}004 * x + 3.0328\text{E-}004$$

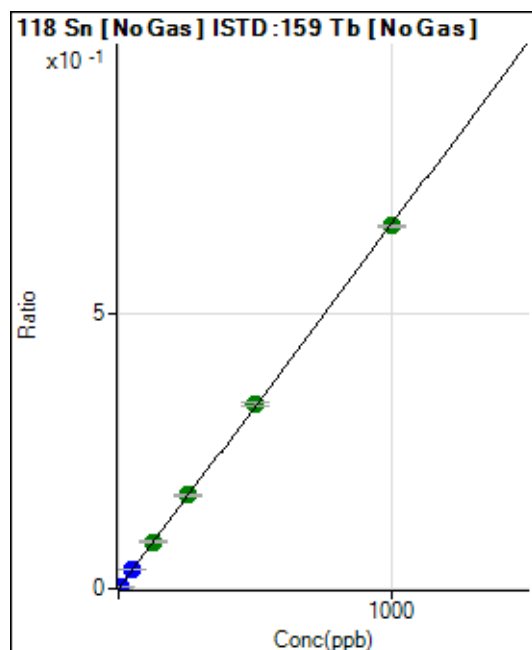
$$R = 0.9999$$

$$DL = 0.05212$$

$$BEC = 1.468$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2545.82	0.0001	P	4.5
2	☐	5.000	5.282	80462.18	0.0036	P	1.1
3	☐	50.000	51.040	757387.27	0.0340	P	1.2
4	☐	125.000	129.001	1942159.66	0.0858	A	0.6
5	☐	250.000	255.920	3842346.09	0.1700	A	0.8
6	☐	500.000	504.868	7504292.67	0.3353	A	2.2
7	☐	1000.000	995.533	14865999.08	0.6610	A	0.7
8	☐			4287.39	0.0002	P	4.7

$$y = 6.6387\text{E-}004 * x + 1.1394\text{E-}004$$

$$R = 1.0000$$

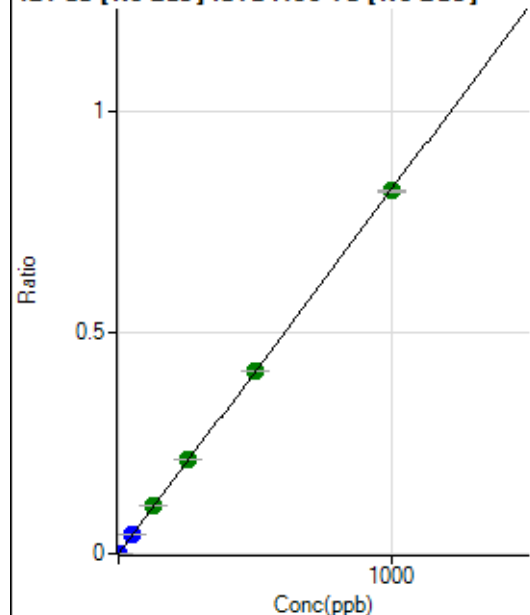
$$DL = 0.02334$$

$$BEC = 0.1716$$

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	47.78	0.0000	P	15.6
2	☐	2.000	2.077	38149.80	0.0017	P	1.3
3	☐	50.000	50.804	934041.99	0.0419	P	1.3
4	☐	125.000	130.240	2434251.56	0.1075	A	0.6
5	☐	250.000	258.140	4814561.91	0.2130	A	1.1
6	☐	500.000	502.441	9280938.75	0.4146	A	0.4
7	☐	1000.000	996.049	18486348.06	0.8220	A	0.7
8	☐			12985.16	0.0006	P	1.0

$$y = 8.2524\text{E-}004 * x + 2.1372\text{E-}006$$

$$R = 1.0000$$

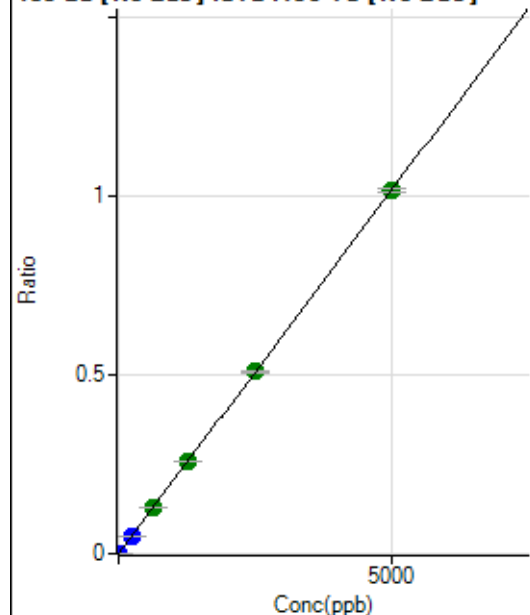
$$DL = 0.001215$$

$$BEC = 0.00259$$

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	475.57	0.0000	P	8.0
2	☐	10.000	10.100	46160.48	0.0021	P	2.0
3	☐	250.000	249.005	1129521.36	0.0507	P	0.7
4	☐	625.000	645.688	2976813.08	0.1314	A	0.4
5	☐	1250.000	1274.333	5862127.27	0.2594	A	1.2
6	☐	2500.000	2500.524	11391818.30	0.5089	A	0.3
7	☐	5000.000	4991.119	22845508.27	1.0158	A	1.0
8	☐			8426.04	0.0004	P	3.1

$$y = 2.0353\text{E-}004 * x + 2.1282\text{E-}005$$

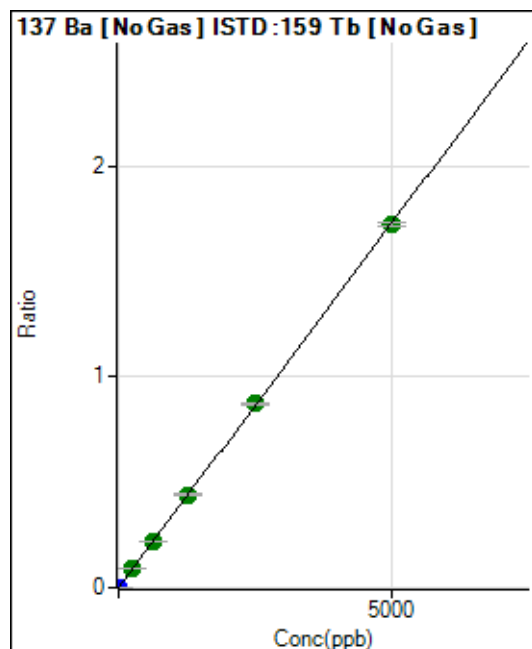
$$R = 1.0000$$

$$DL = 0.02507$$

$$BEC = 0.1046$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	791.14	0.0000	P	5.3
2	☐	10.000	10.301	79966.69	0.0036	P	0.4
3	☐	250.000	263.543	2031270.60	0.0912	A	1.5
4	☐	625.000	641.998	5029201.80	0.2221	A	1.1
5	☐	1250.000	1275.916	9973356.03	0.4413	A	0.7
6	☐	2500.000	2523.737	19535843.60	0.8728	A	1.4
7	☐	5000.000	4978.850	38724544.15	1.7219	A	0.9
8	☐			14325.49	0.0007	P	3.5

$$y = 3.4583E-004 * x + 3.5414E-005$$

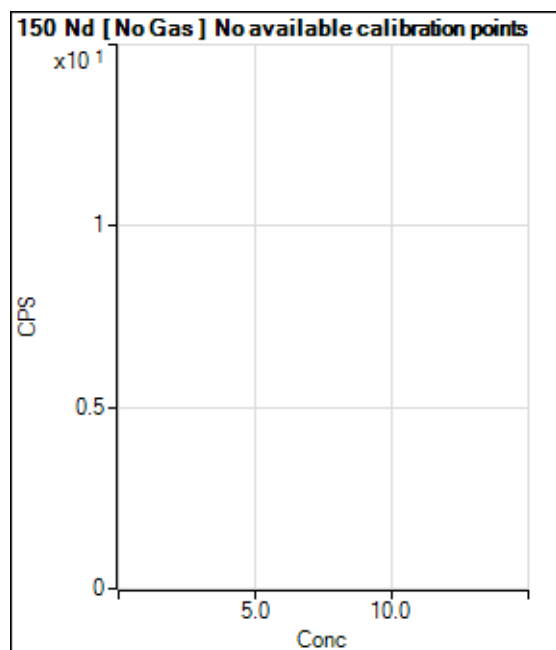
$$R = 1.0000$$

$$DL = 0.01625$$

$$BEC = 0.1024$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	39.7
2	☐			27.78		P	42.1
3	☐			112.22		P	30.5
4	☐			238.90		P	17.4
5	☐			436.68		P	11.6
6	☐			836.70		P	6.7
7	☐			1645.68		P	7.2
8	☐			350.01		P	7.8

150 Nd [He] No available calibration points

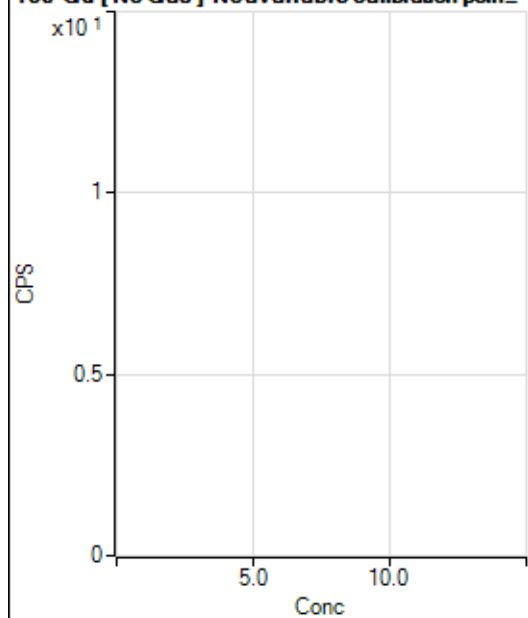
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	100.1
3	☐			3.33		P	100.1
4	☐			6.67		P	50.0
5	☐			17.78		P	28.6
6	☐			13.33		P	25.0
7	☐			47.78		P	21.3
8	☐			86.67		P	16.8

156 Dy [No Gas] No available calibration points

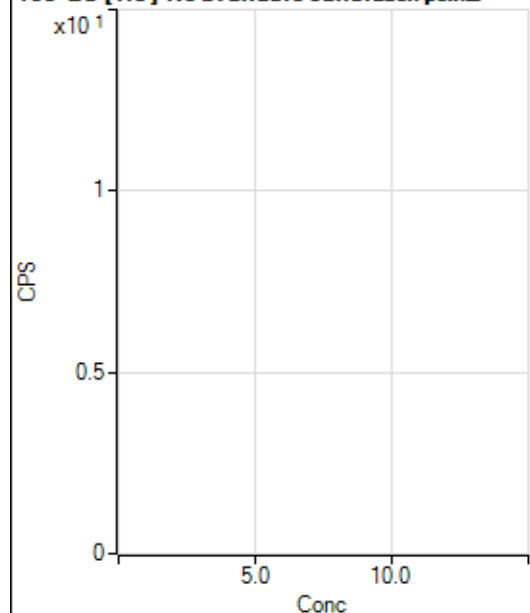
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	28.6
2	☐			70.00		P	4.8
3	☐			114.45		P	6.7
4	☐			121.11		P	19.5
5	☐			162.23		P	7.8
6	☐			284.45		P	8.0
7	☐			507.79		P	10.6
8	☐			670.02		P	1.8

156 Dy [He] No available calibration points

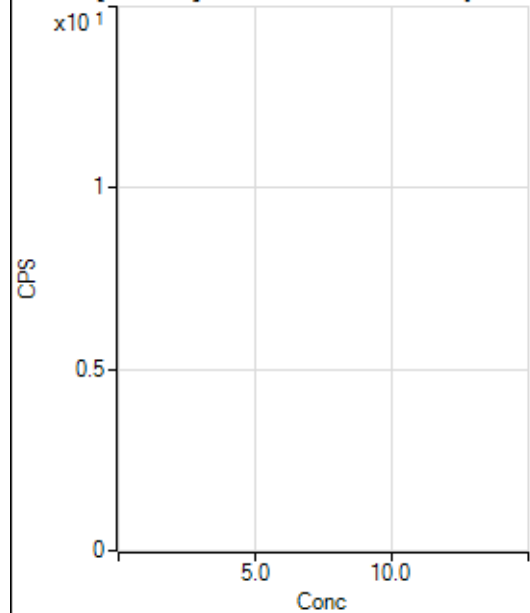
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			12.22		P	87.7
3	☐			10.00		P	88.2
4	☐			16.67		P	52.9
5	☐			18.89		P	27.0
6	☐			32.22		P	41.8
7	☐			44.44		P	33.8
8	☐			221.11		P	28.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			123.33		P	25.8
2	☐			150.00		P	13.3
3	☐			140.00		P	16.5
4	☐			128.89		P	25.9
5	☐			163.34		P	4.1
6	☐			226.67		P	7.4
7	☐			282.23		P	8.3
8	☐			683.36		P	2.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	32.9
2	☐			20.00		P	57.7
3	☐			24.45		P	15.8
4	☐			31.11		P	27.0
5	☐			31.11		P	83.2
6	☐			46.67		P	18.9
7	☐			91.11		P	11.8
8	☐			230.00		P	2.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	7.0
2	☐			102.22		P	16.1
3	☐			125.56		P	9.3
4	☐			125.56		P	12.5
5	☐			160.01		P	9.5
6	☐			190.00		P	7.6
7	☐			287.78		P	11.0
8	☐			824.48		P	11.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	24.1
2	☐			28.89		P	24.0
3	☐			37.78		P	18.4
4	☐			27.78		P	36.7
5	☐			64.44		P	3.0
6	☐			47.78		P	28.2
7	☐			94.45		P	20.7
8	☐			232.22		P	12.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	7.9
2	☐			111.11		P	13.5
3	☐			130.00		P	9.2
4	☐			163.34		P	19.5
5	☐			166.67		P	12.5
6	☐			210.00		P	18.7
7	☐			270.01		P	17.3
8	☐			855.59		P	6.2

172 Yb [He] No available calibration points

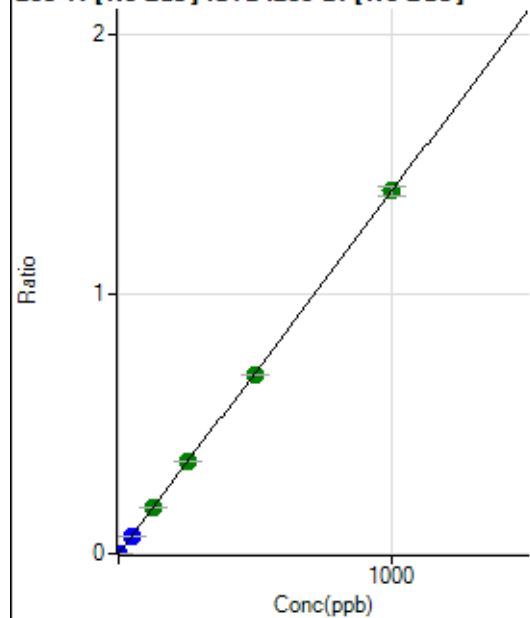
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	15.4
2	☐			51.11		P	19.9
3	☐			42.22		P	12.1
4	☐			47.78		P	28.2
5	☐			72.22		P	18.7
6	☐			68.89		P	10.1
7	☐			133.33		P	11.5
8	☐			336.67		P	9.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2582.50		P	4.0
2	☐			2490.26		P	1.6
3	☐			7010.82		P	3.2
4	☐			13372.44		P	1.2
5	☐			23610.07		P	1.7
6	☐			44868.05		P	1.3
7	☐			86846.23		P	1.0
8	☐			2937.03		P	3.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			377.79		P	4.9
2	☐			405.57		P	4.5
3	☐			1792.36		P	1.9
4	☐			3695.00		P	1.4
5	☐			7183.11		P	1.1
6	☐			13565.96		P	1.2
7	☐			26659.16		P	1.4
8	☐			583.35		P	8.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	360.01	0.0000	P	6.7
2	☐	1.000	0.974	19583.78	0.0014	P	2.4
3	☐	50.000	49.138	959486.71	0.0687	P	1.7
4	☐	125.000	126.632	2472915.31	0.1769	A	0.6
5	☐	250.000	254.341	4898405.48	0.3553	A	1.3
6	☐	500.000	494.220	9353887.08	0.6905	A	0.5
7	☐	1000.000	1001.644	18661958.75	1.3993	A	2.6
8	☐			1905.72	0.0002	P	18.1

$$y = 0.0014 * x + 2.5448E-005$$

$$R = 1.0000$$

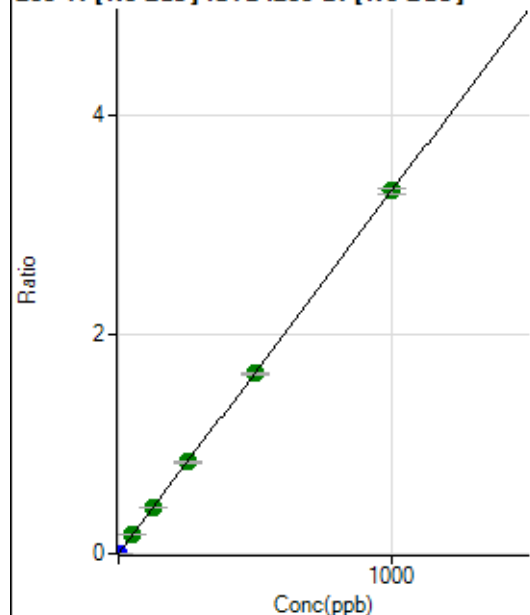
$$DL = 0.00366$$

$$BEC = 0.01822$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	942.27	0.0001	P	1.7
2	☐	1.000	0.988	47234.47	0.0033	P	0.4
3	☐	50.000	52.225	2420211.61	0.1732	A	0.8
4	☐	125.000	125.474	5814337.27	0.4160	A	0.1
5	☐	250.000	253.087	11566000.38	0.8390	A	1.7
6	☐	500.000	496.807	22311967.72	1.6470	A	0.5
7	☐	1000.000	1000.654	44243566.57	3.3172	A	1.4
8	☐			4861.03	0.0004	P	16.1

$$y = 0.0033 * x + 6.6599E-005$$

$$R = 1.0000$$

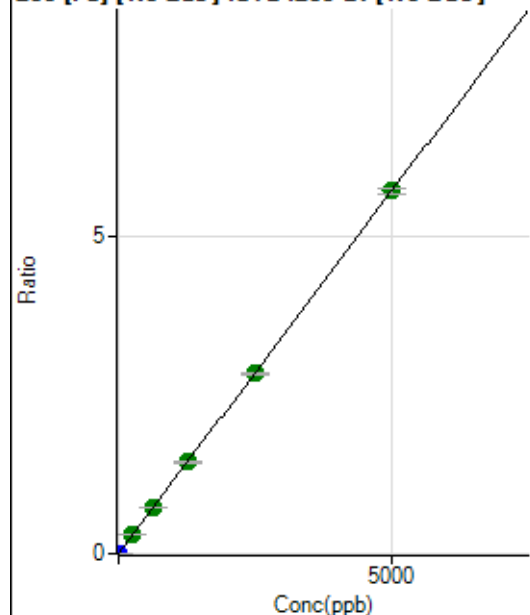
$$DL = 0.001016$$

$$BEC = 0.02009$$

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	1536.78	0.0001	P	8.0
2	☐	1.000	0.983	17362.83	0.0012	P	2.9
3	☐	250.000	262.492	4181875.53	0.2993	A	0.6
4	☐	625.000	626.595	9982149.58	0.7142	A	0.7
5	☐	1250.000	1260.798	19808897.48	1.4370	A	1.3
6	☐	2500.000	2481.981	38321944.70	2.8288	A	1.3
7	☐	5000.000	5005.486	76086671.09	5.7047	A	1.6
8	☐			19604.98	0.0017	P	3.3

$$y = 0.0011 * x + 1.0862E-004$$

$$R = 1.0000$$

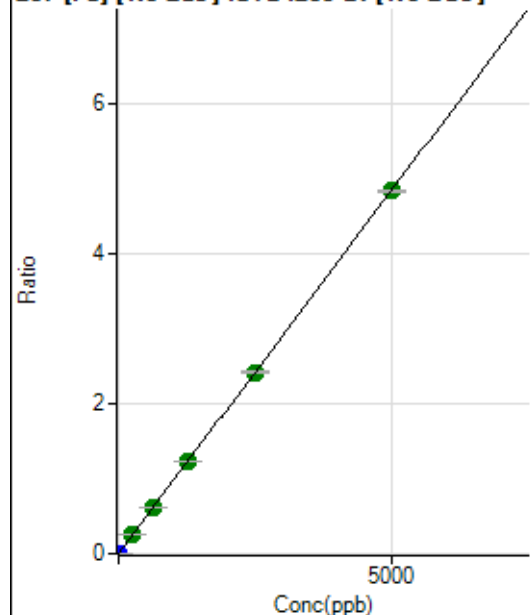
$$DL = 0.02294$$

$$BEC = 0.09531$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1366.75	0.0001	P	0.3
2	☐	1.000	1.002	15117.80	0.0011	P	0.8
3	☐	250.000	265.497	3603353.52	0.2579	A	0.8
4	☐	625.000	636.083	8632811.33	0.6177	A	0.9
5	☐	1250.000	1273.193	17042213.91	1.2363	A	0.2
6	☐	2500.000	2498.090	32859653.12	2.4255	A	0.5
7	☐	5000.000	4992.997	64661607.37	4.8479	A	0.7
8	☐			16786.56	0.0015	P	6.1

$$y = 9.7092\text{E-}004 * x + 9.6602\text{E-}005$$

$$R = 1.0000$$

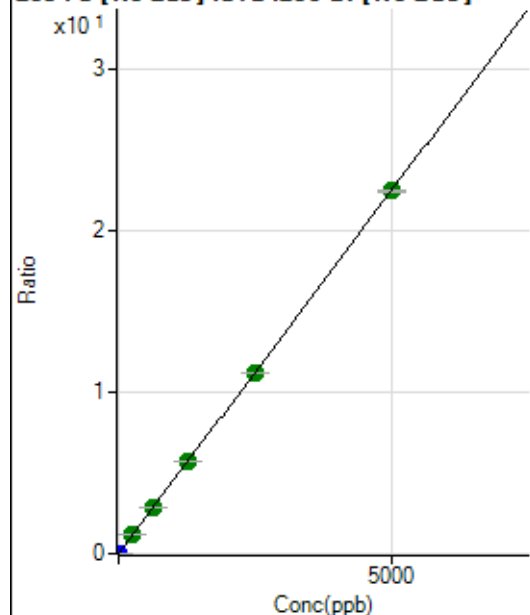
$$DL = 0.0008174$$

$$BEC = 0.0995$$

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	6189.54	0.0004	P	1.6
2	☐	1.000	0.994	69298.43	0.0049	P	1.1
3	☐	250.000	262.378	16482717.53	1.1796	A	0.6
4	☐	625.000	634.531	39861235.17	2.8521	A	0.9
5	☐	1250.000	1270.246	78700425.22	5.7091	A	0.4
6	☐	2500.000	2495.977	151969126.0	11.2177	A	0.5
7	☐	5000.000	4995.140	299436140.5	22.4492	A	0.4
8	☐			77686.53	0.0068	P	4.4

$$y = 0.0045 * x + 4.3748\text{E-}004$$

$$R = 1.0000$$

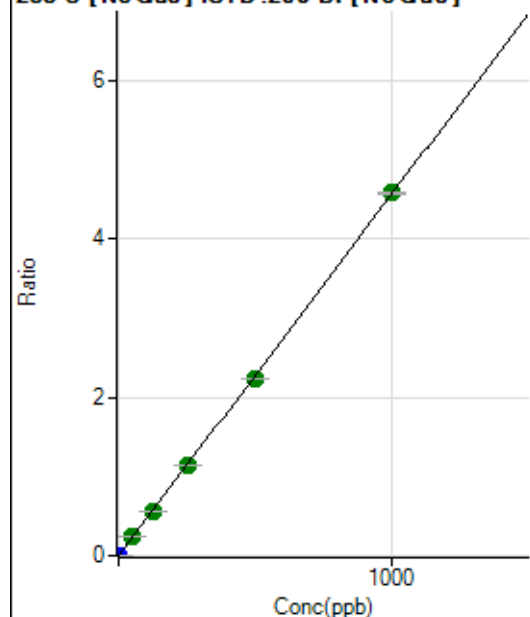
$$DL = 0.004712$$

$$BEC = 0.09734$$

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	215.56	0.0000	P	20.9
2	☐	1.000	0.943	60917.59	0.0043	P	1.6
3	☐	50.000	51.856	3302146.48	0.2363	A	1.5
4	☐	125.000	123.517	7867269.05	0.5629	A	1.3
5	☐	250.000	249.902	15699992.68	1.1389	A	0.7
6	☐	500.000	490.384	30275906.77	2.2348	A	0.7
7	☐	1000.000	1004.925	61086659.64	4.5797	A	0.3
8	☐			3725.10	0.0003	P	6.6

$$y = 0.0046 * x + 1.5238E-005$$

$$R = 0.9999$$

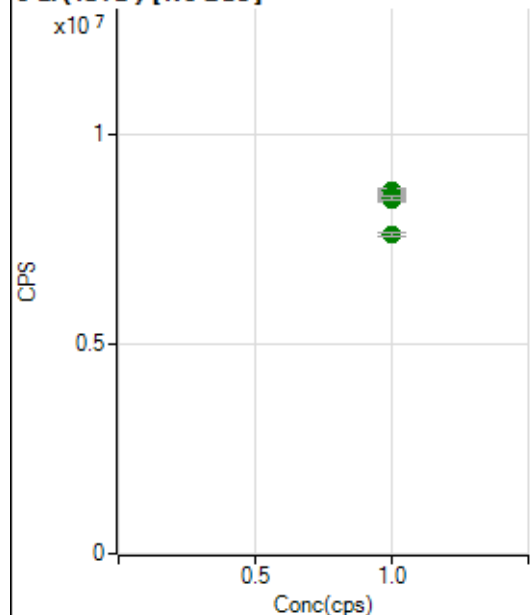
$$DL = 0.002095$$

$$BEC = 0.003344$$

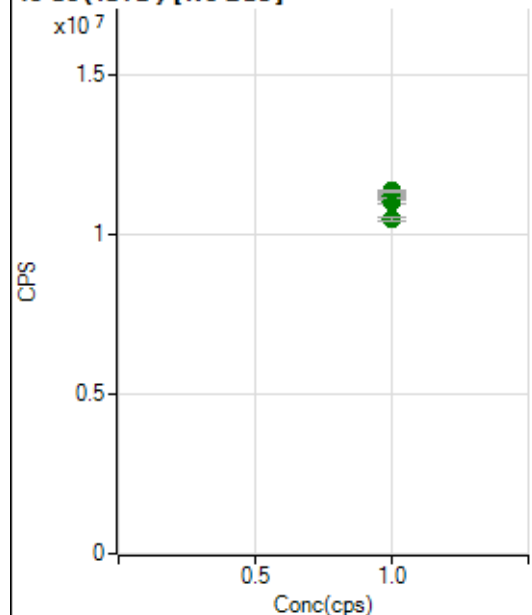
Weight: <None>

Min Conc: 0

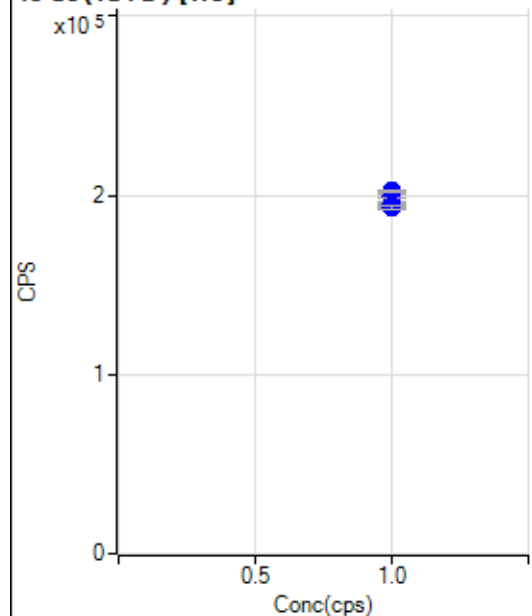
6 Li (ISTD) [No Gas]



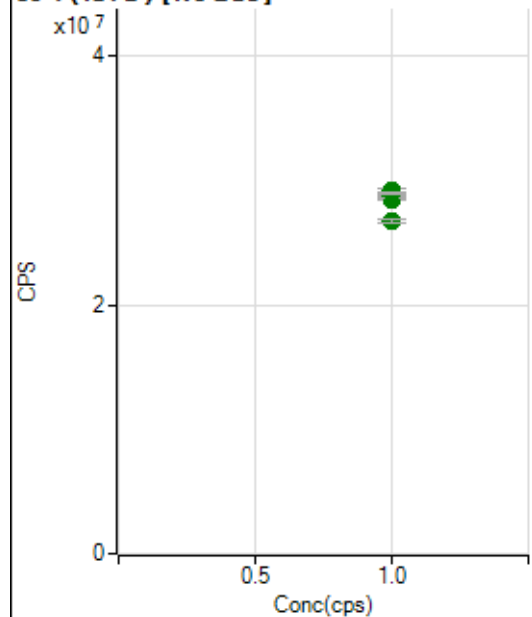
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8450103.75		A	1.7
2	☐	1.000		8532625.41		A	0.8
3	☐	1.000		8569750.98		A	1.4
4	☐	1.000		8643188.68		A	0.9
5	☐	1.000		8644757.23		A	1.2
6	☐	1.000		8501516.39		A	0.4
7	☐	1.000		8484064.61		A	1.0
8	☐	1.000		7596424.52		A	1.0

45 Sc (ISTD) [No Gas]

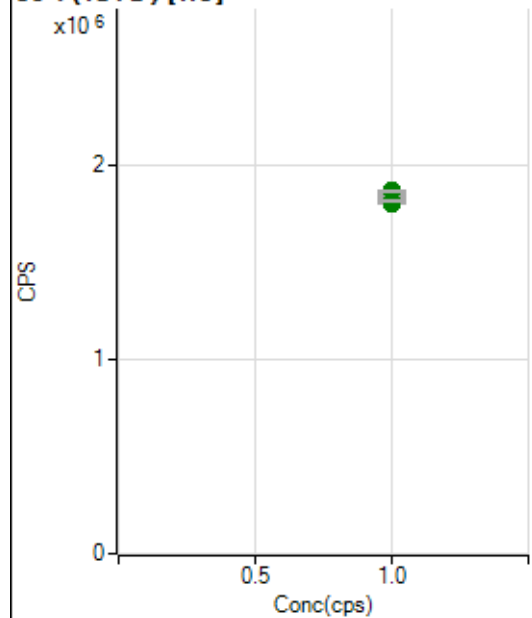
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11013833.03		A	1.0
2	☐	1.000		11123467.61		A	0.6
3	☐	1.000		11223553.58		A	1.1
4	☐	1.000		11289914.28		A	1.2
5	☐	1.000		11312332.61		A	0.5
6	☐	1.000		11205046.50		A	1.2
7	☐	1.000		11377776.50		A	0.5
8	☐	1.000		10482385.19		A	0.8

45 Sc (ISTD) [He]

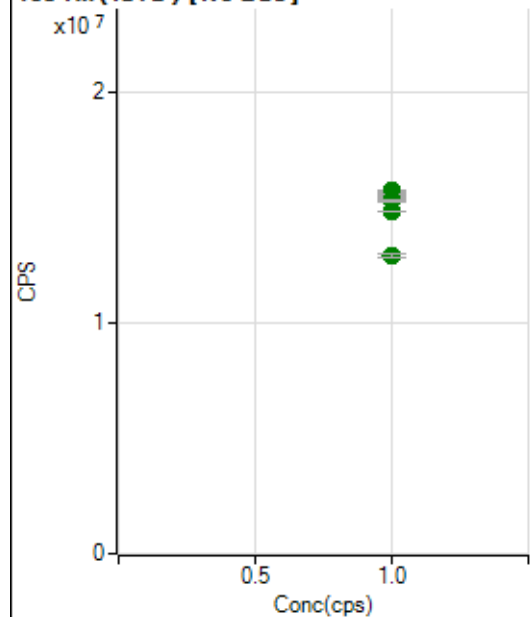
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		192709.90		P	0.3
2	☐	1.000		193333.97		P	1.1
3	☐	1.000		195319.51		P	0.6
4	☐	1.000		195082.98		P	1.1
5	☐	1.000		198506.95		P	0.3
6	☐	1.000		199158.09		P	0.9
7	☐	1.000		202324.01		P	0.8
8	☐	1.000		193334.07		P	1.0

89 Y (ISTD) [No Gas]

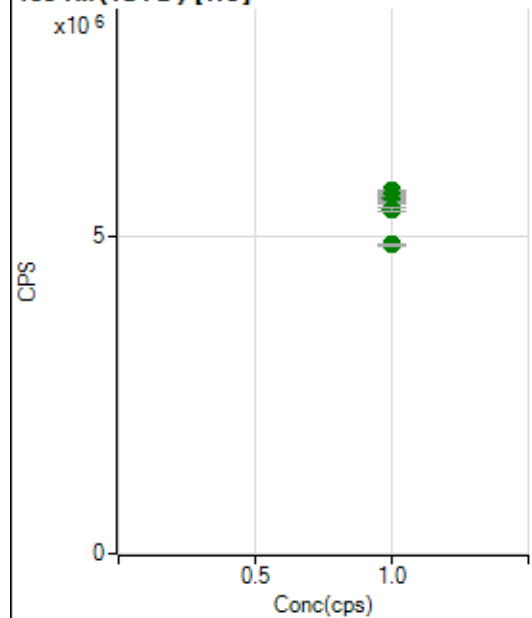
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28602582.35		A	0.6
2	☐	1.000		28514832.63		A	0.6
3	☐	1.000		28609853.46		A	0.2
4	☐	1.000		29163102.62		A	1.1
5	☐	1.000		28880747.90		A	1.4
6	☐	1.000		28682594.02		A	1.1
7	☐	1.000		28983667.35		A	0.4
8	☐	1.000		26762436.83		A	0.9

89 Y (ISTD) [He]

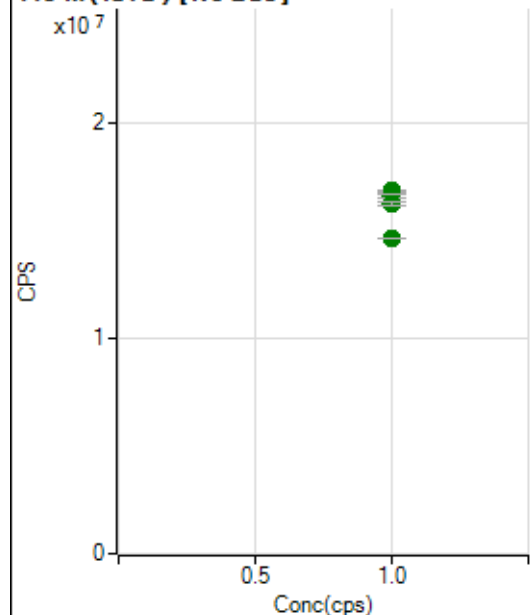
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1817584.02		A	1.1
2	☐	1.000		1813327.28		A	1.2
3	☐	1.000		1800966.60		A	0.2
4	☐	1.000		1822571.36		A	0.9
5	☐	1.000		1856417.96		A	1.0
6	☐	1.000		1837984.90		A	0.7
7	☐	1.000		1868376.27		A	0.6
8	☐	1.000		1815722.82		A	0.6

103 Rh (ISTD) [No Gas]

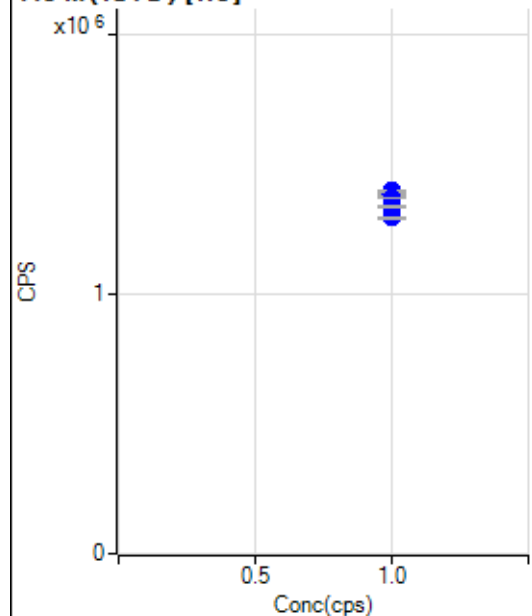
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15731100.04		A	0.5
2	☐	1.000		15699342.68		A	1.2
3	☐	1.000		15648196.16		A	0.4
4	☐	1.000		15583812.41		A	0.6
5	☐	1.000		15380205.19		A	0.8
6	☐	1.000		15311934.63		A	0.7
7	☐	1.000		14832243.67		A	0.3
8	☐	1.000		12934589.53		A	1.3

103 Rh (ISTD) [He]

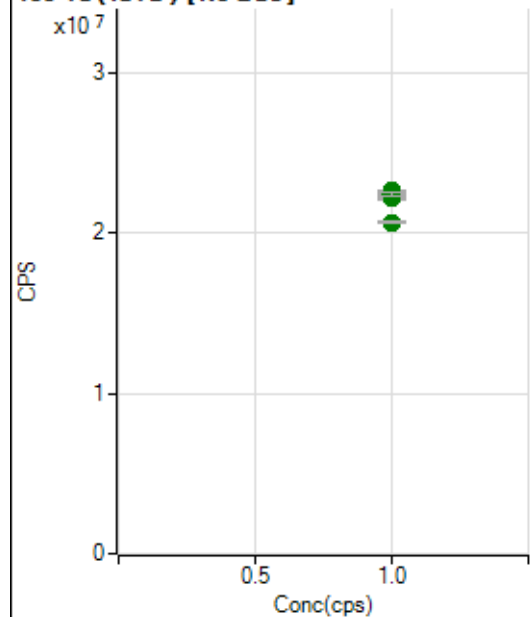
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5651177.28		A	1.0
2	☐	1.000		5716433.59		A	0.4
3	☐	1.000		5624800.54		A	1.0
4	☐	1.000		5603523.04		A	1.2
5	☐	1.000		5598622.21		A	0.9
6	☐	1.000		5530810.47		A	0.7
7	☐	1.000		5429965.20		A	1.0
8	☐	1.000		4865791.46		A	0.2

115 In (ISTD) [No Gas]

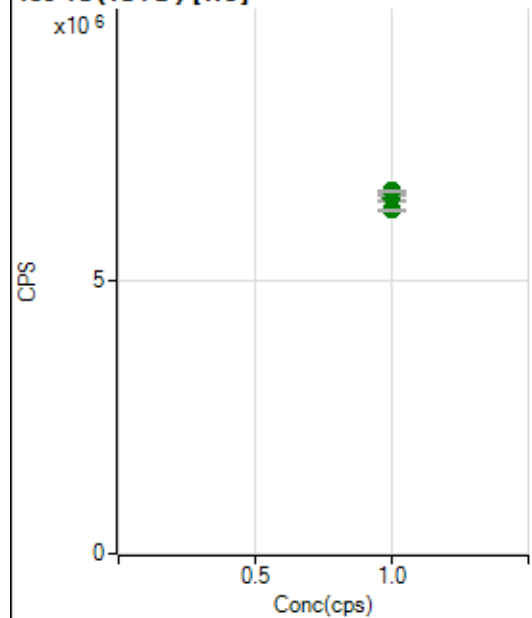
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16790609.72		A	0.9
2	☐	1.000		16788579.04		A	0.9
3	☐	1.000		16841994.14		A	0.6
4	☐	1.000		16746707.57		A	0.6
5	☐	1.000		16765884.01		A	0.3
6	☐	1.000		16566118.66		A	1.0
7	☐	1.000		16230067.72		A	0.9
8	☐	1.000		14644802.76		A	0.3

115 In (ISTD) [He]

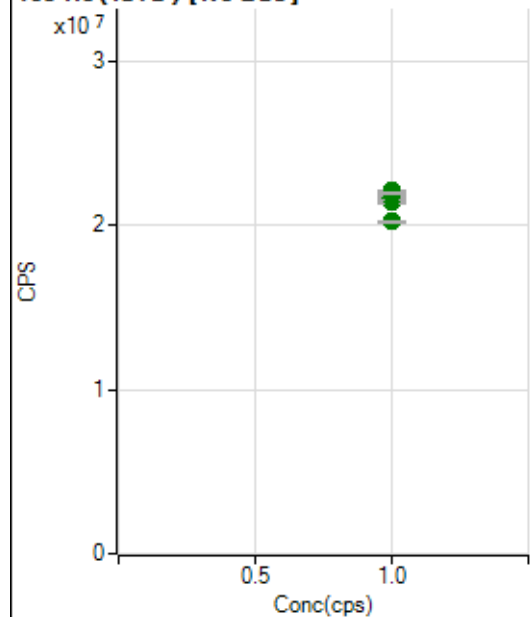
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1378037.77		P	0.2
2	☐	1.000		1391630.68		P	0.8
3	☐	1.000		1395616.37		P	0.2
4	☐	1.000		1383778.43		P	1.9
5	☐	1.000		1394312.82		P	0.4
6	☐	1.000		1367002.72		P	0.3
7	☐	1.000		1331672.68		P	0.5
8	☐	1.000		1293848.04		P	0.7

159 Tb (ISTD) [No Gas]

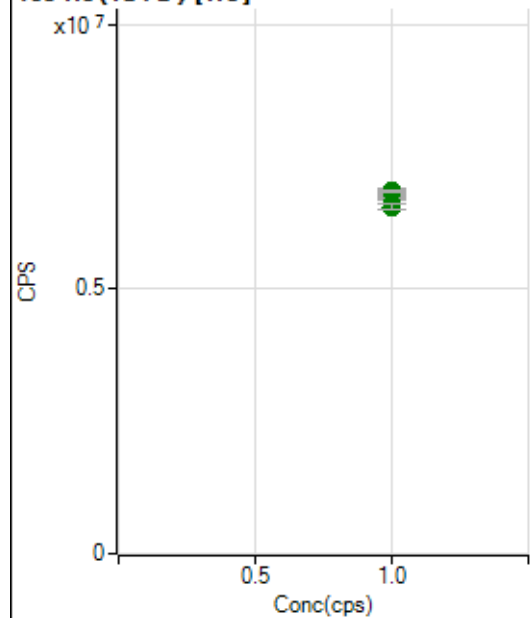
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22344657.17		A	0.6
2	☐	1.000		22225810.50		A	0.6
3	☐	1.000		22279730.22		A	1.3
4	☐	1.000		22648460.50		A	0.3
5	☐	1.000		22600856.61		A	0.3
6	☐	1.000		22383158.00		A	0.3
7	☐	1.000		22490563.00		A	1.0
8	☐	1.000		20693133.72		A	0.7

159 Tb (ISTD) [He]

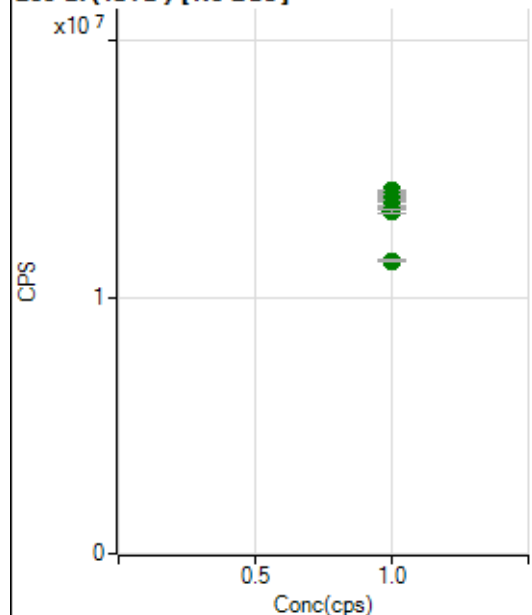
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6505630.88		A	0.6
2	☐	1.000		6513301.36		A	0.9
3	☐	1.000		6503666.22		A	0.9
4	☐	1.000		6518410.94		A	2.4
5	☐	1.000		6580979.28		A	0.3
6	☐	1.000		6548423.86		A	0.1
7	☐	1.000		6636035.25		A	0.7
8	☐	1.000		6280023.79		A	0.8

165 Ho (ISTD) [No Gas]

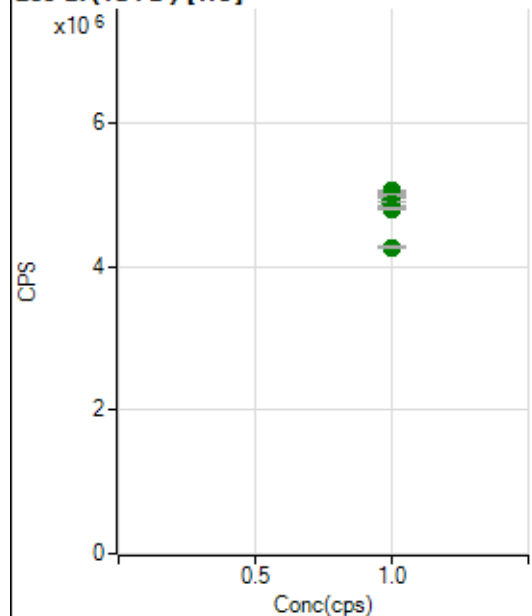
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21431372.18		A	0.6
2	☐	1.000		21537810.23		A	1.6
3	☐	1.000		21688718.01		A	0.7
4	☐	1.000		22112049.95		A	0.3
5	☐	1.000		21952748.84		A	0.2
6	☐	1.000		21899377.45		A	1.1
7	☐	1.000		21960811.34		A	0.6
8	☐	1.000		20236554.84		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6700046.50		A	1.0
2	☐	1.000		6781660.11		A	0.7
3	☐	1.000		6741152.05		A	0.2
4	☐	1.000		6772596.70		A	1.7
5	☐	1.000		6846797.26		A	1.1
6	☐	1.000		6827611.50		A	0.7
7	☐	1.000		6849746.63		A	0.4
8	☐	1.000		6551602.47		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14148382.43		A	0.4
2	☐	1.000		14130844.51		A	0.8
3	☐	1.000		13973751.46		A	1.1
4	☐	1.000		13976455.35		A	0.4
5	☐	1.000		13785250.21		A	0.4
6	☐	1.000		13547236.19		A	0.2
7	☐	1.000		13338779.66		A	1.2
8	☐	1.000		11427968.16		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5063835.76		A	0.6
2	☐	1.000		5037343.61		A	0.3
3	☐	1.000		5020700.66		A	0.5
4	☐	1.000		4946697.50		A	1.2
5	☐	1.000		5013236.59		A	0.7
6	☐	1.000		4884008.71		A	0.6
7	☐	1.000		4813021.42		A	0.4
8	☐	1.000		4269512.82		A	0.7