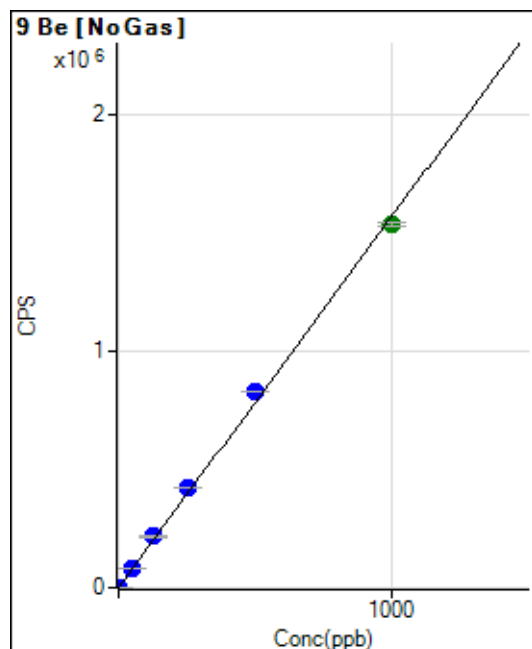


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8112923 MS2.b\
Analysis File: P8112923 MS2.batch.bin
DA Date-Time: 2023-11-29 16:11:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-29 11:15:16
2	006CALS.d	S02	2023-11-29 11:22:06
3	007CALS.d	S03	2023-11-29 11:25:30
4	008CALS.d	S04	2023-11-29 11:28:47
5	009CALS.d	S05	2023-11-29 11:31:52
6	010CALS.d	S06	2023-11-29 11:34:56
7	011CALS.d	S07	2023-11-29 11:37:58
8	012CALS.d	S08	2023-11-29 11:41:01



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.32		P	26.3
2	☐	1.000	0.975	1596.97		P	4.9
3	☐	50.000	53.969	84651.03		P	0.6
4	☐	125.000	137.671	215832.51		P	0.8
5	☐	250.000	269.962	423164.63		P	0.5
6	☐	500.000	529.395	829759.56		P	0.2
7	☐	1000.000	978.529	1533661.58		A	1.0
8	☐			219.14		P	14.5

$$y = 1567.2429 * x + 68.3233$$

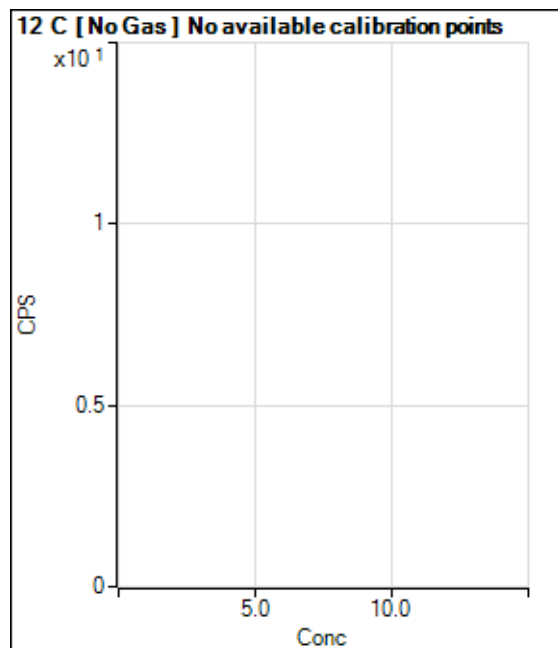
$$R = 0.9991$$

$$DL = 0.03437$$

$$BEC = 0.04359$$

Weight: <None>

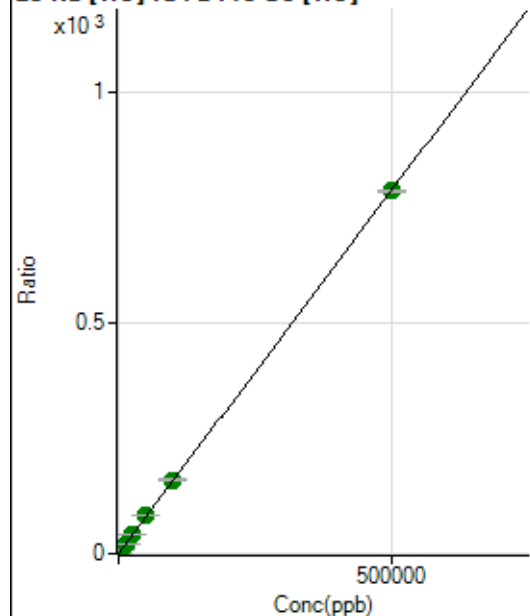
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2123632.05		A	1.6
2	☐			2217536.20		A	1.4
3	☐			2274110.47		A	0.9
4	☐			2385857.66		A	1.2
5	☐			2452591.04		A	0.9
6	☐			2738201.83		A	0.2
7	☐			3243268.15		A	1.8
8	☐			2390838.07		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27744.00		P	1.1
2	☐			28192.58		P	1.7
3	☐			29559.79		P	1.8
4	☐			30717.72		P	1.2
5	☐			33134.03		P	1.1
6	☐			36760.37		P	0.4
7	☐			45035.53		P	0.5
8	☐			37810.76		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20908.37	0.1217	P	0.9
2	☐	500.000	474.375	145444.88	0.8674	P	4.1
3	☐	5000.000	5378.810	1448808.97	8.5773	A	0.4
4	☐	12500.000	13874.066	3599765.64	21.9320	A	6.4
5	☐	25000.000	26211.448	7079637.26	41.3266	A	2.5
6	☐	50000.000	51908.818	13971376.60	81.7233	A	0.9
7	☐	100000.00	101719.52	26835416.82	160.0266	A	0.9
8	☐	500000.00	499366.52	141202986.7	785.1350	A	0.4

$$y = 0.0016 * x + 0.1217$$

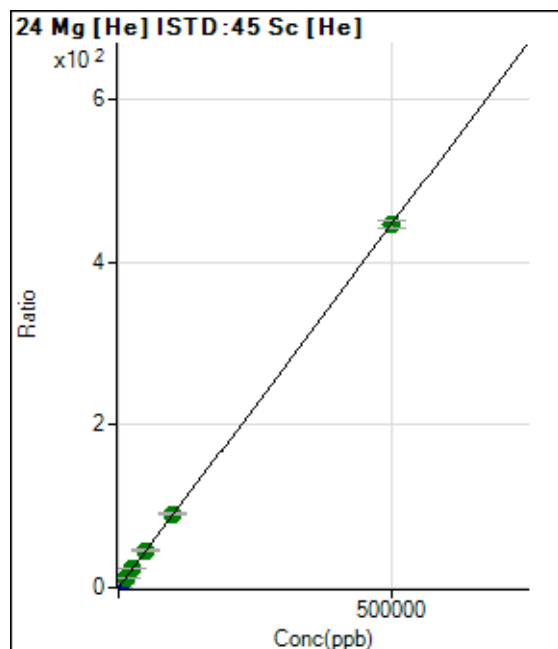
$$R = 1.0000$$

$$DL = 1.998$$

$$BEC = 77.41$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	135.56	0.0008	P	11.9
2	☐	500.000	474.259	71049.83	0.4237	P	4.2
3	☐	5000.000	5292.742	797401.64	4.7209	P	0.2
4	☐	12500.000	14089.064	2062821.12	12.5656	A	5.5
5	☐	25000.000	26216.979	4005725.67	23.3814	A	2.4
6	☐	50000.000	51484.998	7849571.69	45.9157	A	0.7
7	☐	100000.00	101706.59	15210602.83	90.7038	A	0.5
8	☐	500000.00	499406.70	80090372.14	445.3771	A	1.9

$$y = 8.9181\text{E-}004 * x + 7.8908\text{E-}004$$

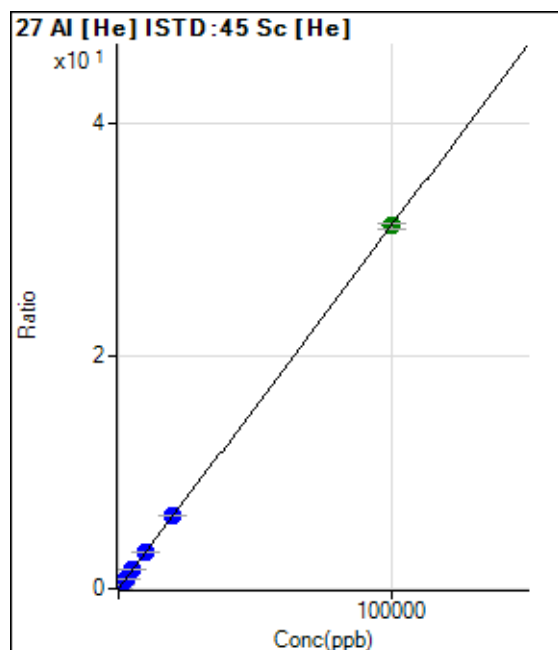
$$R = 1.0000$$

$$DL = 0.3152$$

$$BEC = 0.8848$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	126.67	0.0007	P	16.7
2	☐	20.000	18.482	1091.16	0.0065	P	5.3
3	☐	1000.000	1043.085	55073.90	0.3261	P	0.9
4	☐	2500.000	2753.341	141118.45	0.8595	P	5.1
5	☐	5000.000	5224.713	279307.20	1.6303	P	1.9
6	☐	10000.000	10208.173	544433.95	3.1846	P	0.6
7	☐	20000.000	20095.035	1051162.29	6.2683	P	0.3
8	☐	100000.00	99942.176	5606322.28	31.1722	A	1.8

$$y = 3.1189\text{E-}004 * x + 7.3742\text{E-}004$$

$$R = 1.0000$$

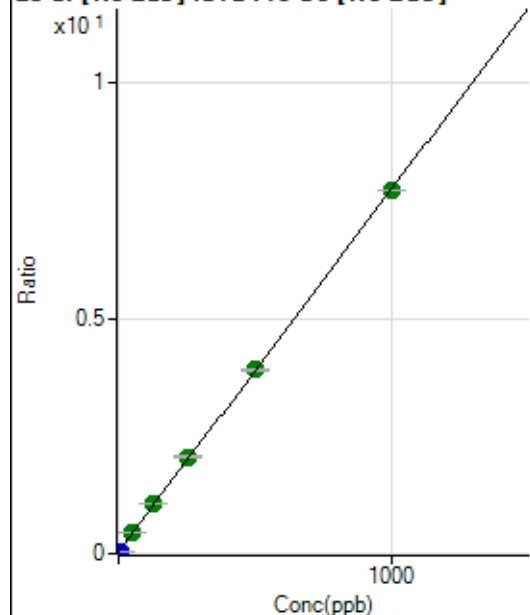
$$DL = 1.184$$

$$BEC = 2.364$$

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	208819.75	0.0425	P	2.1
2	☐	10.000	0.594	232870.59	0.0471	P	2.3
3	☐	50.000	53.410	2193166.36	0.4541	A	3.9
4	☐	125.000	131.165	5230680.62	1.0533	A	1.0
5	☐	250.000	261.531	10137183.53	2.0579	A	1.4
6	☐	500.000	502.007	19261356.52	3.9111	A	0.9
7	☐	1000.000	995.267	36752875.56	7.7122	A	0.2
8	☐			484597.85	0.1029	P	1.2

$$y = 0.0077 * x + 0.0425$$

R = 0.9998

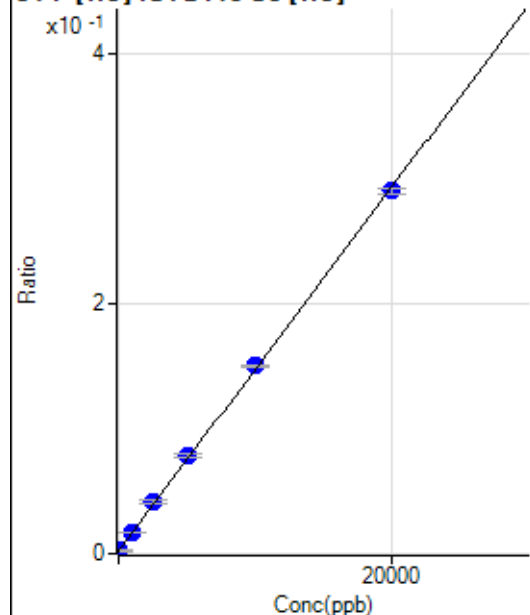
DL = 0.3505

BEC = 5.516

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-19.309	313.34	0.0018	P	5.5
2	☐	0.000	19.309	398.90	0.0024	P	19.3
3	☐	1000.000	1022.644	2871.42	0.0170	P	1.7
4	☐	2500.000	2722.035	6853.91	0.0417	P	5.7
5	☐	5000.000	5281.676	13535.26	0.0790	P	4.1
6	☐	10000.000	10178.432	25699.49	0.1503	P	1.5
7	☐	20000.000	19811.478	48736.07	0.2906	P	1.7
8	☐			315.56	0.0018	P	5.6

$$y = 1.4564E-005 * x + 0.0021$$

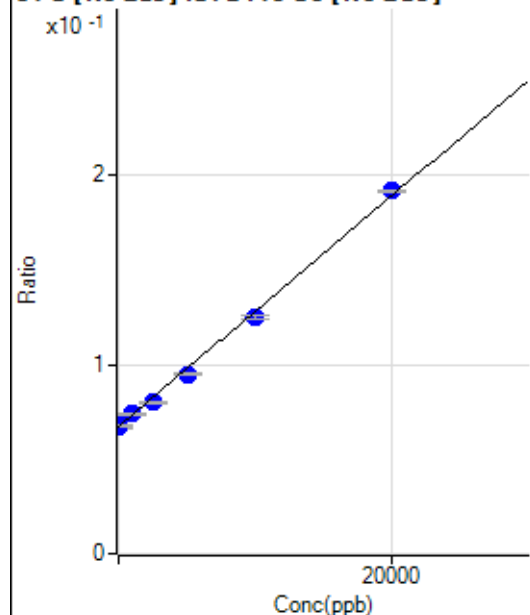
R = 0.9998

DL = 57.81

BEC = 144.5

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	-51.965	329421.33	0.0671	P	1.5
2	☐	0.000	51.965	334771.04	0.0677	P	2.7
3	☐	1000.000	1064.285	356887.42	0.0739	P	2.2
4	☐	2500.000	2064.234	397131.79	0.0800	P	0.4
5	☐	5000.000	4541.265	468369.67	0.0951	P	1.2
6	☐	10000.000	9501.595	617312.20	0.1253	P	1.3
7	☐	20000.000	20415.143	914716.35	0.1919	P	0.5
8	☐			274372.97	0.0583	P	2.2

$$y = 6.1022\text{E-}006 * x + 0.0674$$

$$R = 0.9990$$

$$DL = 703$$

$$BEC = 1.104\text{E}+04$$

Weight: <None>

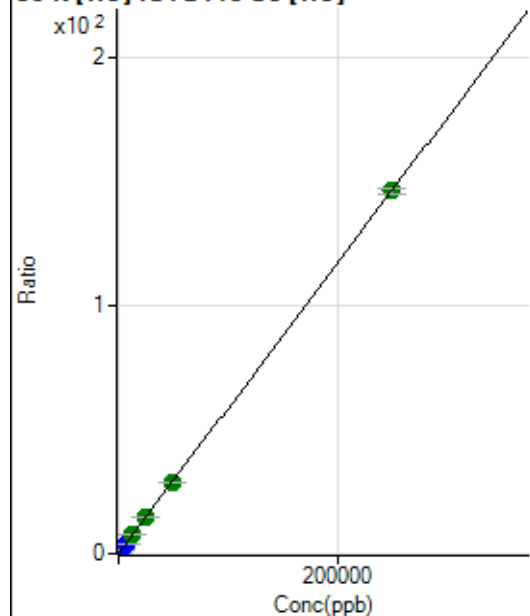
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			121807.58		P	30.3
2	☐			137922.15		P	24.9
3	☐			137797.38		P	36.2
4	☐			135692.45		P	37.8
5	☐			143199.55		P	40.7
6	☐			158352.38		P	44.8
7	☐			192567.54		P	48.4
8	☐			186458.11		P	41.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			755.58		P	4.5
2	☐			880.04		P	7.7
3	☐			850.03		P	3.7
4	☐			833.37		P	6.8
5	☐			787.81		P	4.4
6	☐			805.59		P	4.1
7	☐			911.15		P	7.5
8	☐			1112.28		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8849.47	0.0515	P	2.2
2	☐	500.000	444.987	52201.76	0.3113	P	3.9
3	☐	2500.000	2514.456	256653.52	1.5195	P	0.4
4	☐	6250.000	6637.438	644569.61	3.9266	P	5.7
5	☐	12500.000	13036.942	1312834.89	7.6628	A	1.9
6	☐	25000.000	24922.719	2496143.21	14.6020	A	1.4
7	☐	50000.000	48625.094	4769246.73	28.4400	A	0.4
8	☐	250000.00	250246.14	26285149.61	146.1511	A	1.7

$$y = 5.8382E-004 * x + 0.0515$$

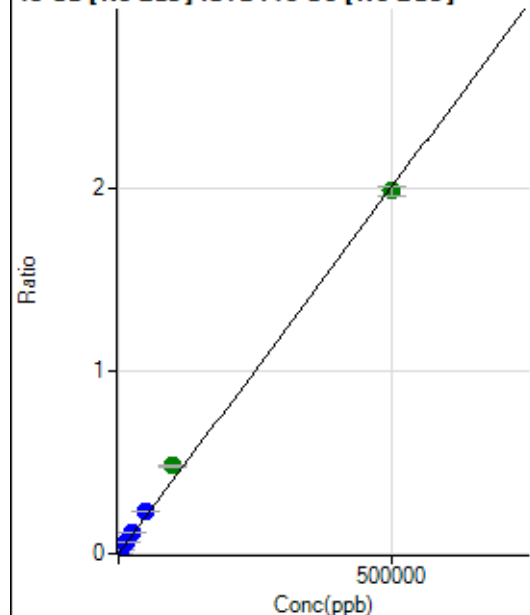
$$R = 1.0000$$

$$DL = 5.891$$

$$BEC = 88.22$$

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	246.67	0.0001	P	21.2
2	☐	500.000	447.918	9148.55	0.0018	P	2.2
3	☐	5000.000	5922.202	115168.15	0.0238	P	2.8
4	☐	12500.000	14607.920	291636.57	0.0587	P	1.6
5	☐	25000.000	29057.651	575216.41	0.1168	P	1.6
6	☐	50000.000	57941.202	1146498.80	0.2328	P	1.1
7	☐	100000.00	119600.95	2289741.91	0.4805	A	0.5
8	☐	500000.00	495020.93	9362262.92	1.9885	A	2.4

$$y = 4.0170\text{E-}006 * x + 5.0133\text{E-}005$$

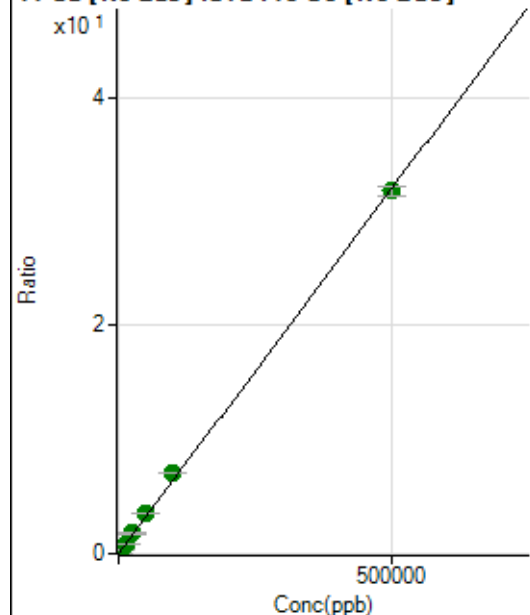
$$R = 0.9991$$

$$DL = 7.948$$

$$BEC = 12.48$$

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	44967.84	0.0092	P	2.8
2	☐	500.000	450.804	187786.21	0.0380	P	2.2
3	☐	5000.000	5749.152	1818610.32	0.3766	A	4.2
4	☐	12500.000	13883.583	4451583.20	0.8964	A	1.3
5	☐	25000.000	27595.074	8731745.70	1.7727	A	1.9
6	☐	50000.000	55344.958	17466124.32	3.5461	A	0.8
7	☐	100000.00	109785.76	33479019.78	7.0253	A	0.9
8	☐	500000.00	497336.56	149674203.3	31.7926	A	2.4

$$y = 6.3907\text{E-}005 * x + 0.0092$$

$$R = 0.9998$$

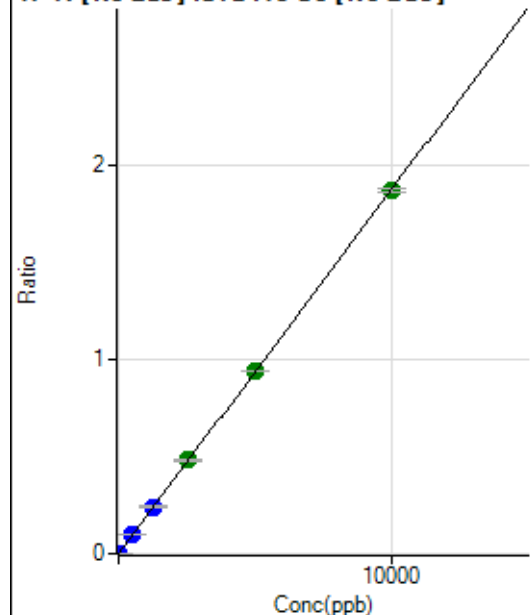
$$DL = 11.95$$

$$BEC = 143.2$$

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	126.67	0.0000	P	15.4
2	☐	5.000	4.738	4515.19	0.0009	P	3.0
3	☐	500.000	518.245	468818.87	0.0971	P	3.9
4	☐	1250.000	1290.861	1200395.51	0.2417	P	1.8
5	☐	2500.000	2570.219	2370701.46	0.4813	A	2.2
6	☐	5000.000	5022.164	4631658.92	0.9404	A	0.4
7	☐	10000.000	9965.343	8892634.11	1.8661	A	1.1
8	☐			1576.79	0.0003	P	4.9

$$y = 1.8725E-004 * x + 2.5766E-005$$

$$R = 1.0000$$

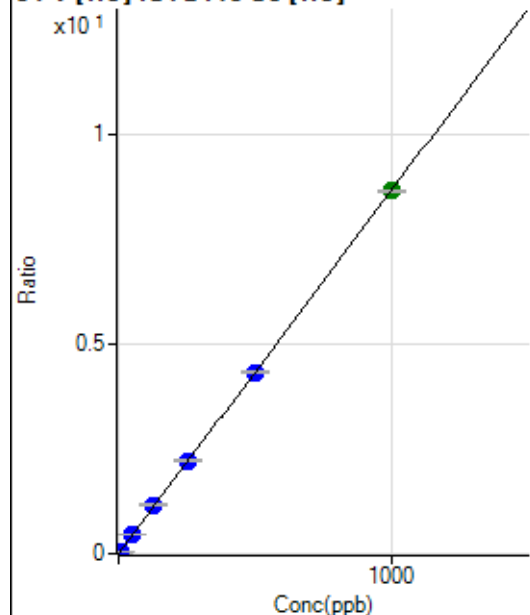
$$DL = 0.06341$$

$$BEC = 0.1376$$

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	23.33	0.0001	P	0.3
2	☐	5.000	4.513	6590.46	0.0393	P	3.6
3	☐	50.000	50.631	74227.76	0.4395	P	1.2
4	☐	125.000	133.562	190371.82	1.1591	P	4.0
5	☐	250.000	255.133	379338.56	2.2140	P	1.4
6	☐	500.000	498.663	739741.67	4.3272	P	1.3
7	☐	1000.000	998.286	1452682.60	8.6627	A	0.7
8	☐			351.12	0.0020	P	8.0

$$y = 0.0087 * x + 1.3578E-004$$

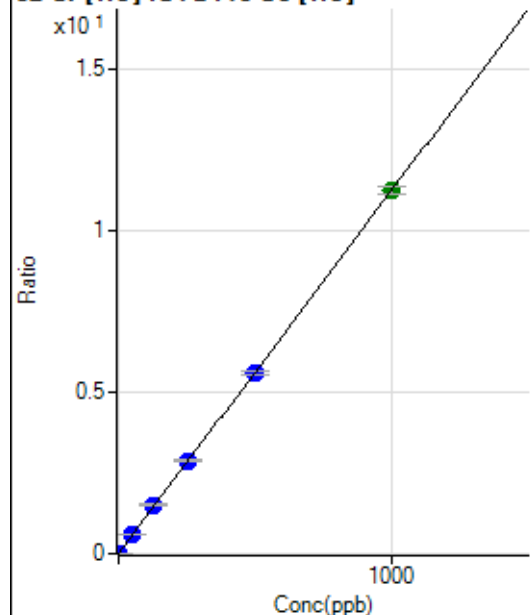
$$R = 1.0000$$

$$DL = 0.0001331$$

$$BEC = 0.01565$$

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	1006.71	0.0059	P	2.4
2	☐	2.000	1.858	4478.52	0.0267	P	2.6
3	☐	50.000	50.877	97391.08	0.5766	P	0.6
4	☐	125.000	134.568	248851.77	1.5155	P	4.6
5	☐	250.000	255.398	491886.77	2.8710	P	1.4
6	☐	500.000	496.558	953230.92	5.5763	P	1.6
7	☐	1000.000	999.132	1880562.51	11.2143	A	2.2
8	☐			5885.72	0.0327	P	1.6

$$y = 0.0112 * x + 0.0059$$

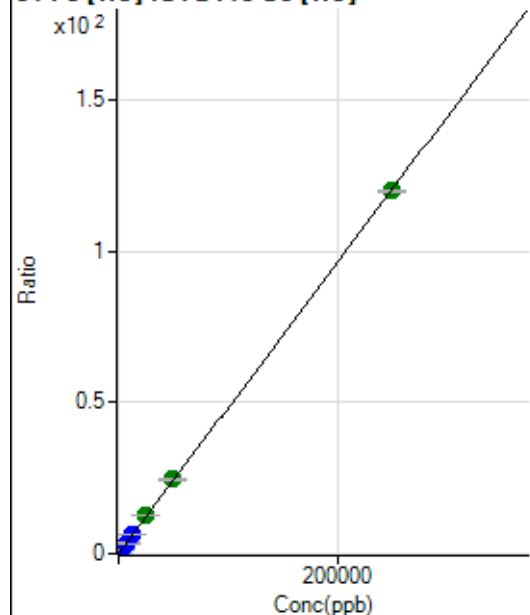
$$R = 0.9999$$

$$DL = 0.03705$$

$$BEC = 0.5223$$

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	347.79	0.0020	P	11.9
2	☐	50.000	49.600	4336.26	0.0259	P	7.0
3	☐	2500.000	2690.064	218856.22	1.2958	P	0.9
4	☐	6250.000	7095.527	560591.60	3.4145	P	5.2
5	☐	12500.000	13491.486	1111884.09	6.4905	P	2.6
6	☐	25000.000	26187.960	2153617.40	12.5966	A	0.4
7	☐	50000.000	51089.861	4120714.56	24.5728	A	1.5
8	☐	250000.00	249590.61	21589242.59	120.0381	A	0.6

$$y = 4.8093E-004 * x + 0.0020$$

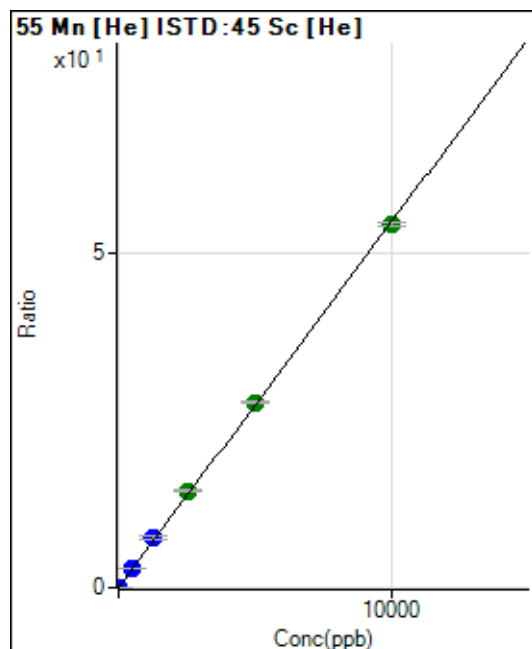
$$R = 1.0000$$

$$DL = 1.505$$

$$BEC = 4.208$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0005	P	17.4
2	☐	1.000	0.911	922.26	0.0055	P	13.5
3	☐	500.000	517.369	479058.18	2.8362	P	0.6
4	☐	1250.000	1364.245	1227787.10	7.4780	P	5.0
5	☐	2500.000	2643.959	2482674.91	14.4922	A	2.5
6	☐	5000.000	5061.113	4742550.45	27.7407	A	0.5
7	☐	10000.000	9918.305	9116300.00	54.3631	A	1.1
8	☐			4626.35	0.0257	P	4.7

$$y = 0.0055 * x + 5.1735E-004$$

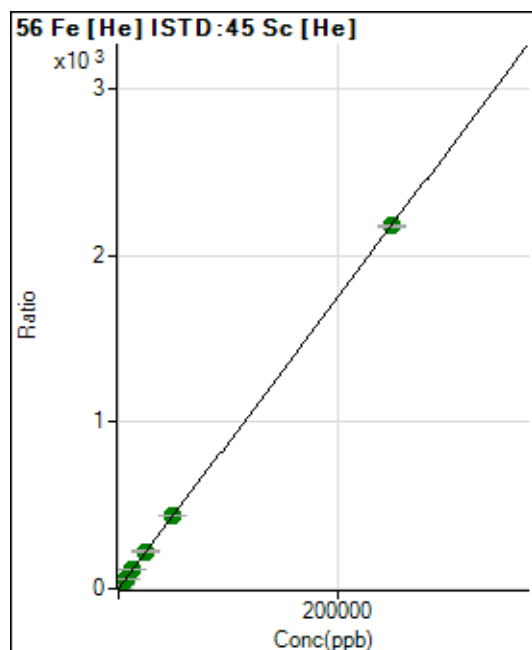
$$R = 0.9998$$

$$DL = 0.04922$$

$$BEC = 0.09439$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2772.52	0.0161	P	1.8
2	☐	50.000	48.213	73277.11	0.4369	P	3.3
3	☐	2500.000	2655.045	3916355.15	23.1885	A	1.9
4	☐	6250.000	7010.595	10050981.65	61.2024	A	4.3
5	☐	12500.000	13222.497	19776728.18	115.4179	A	0.7
6	☐	25000.000	25690.273	38332330.82	224.2328	A	1.7
7	☐	50000.000	50310.440	73635544.46	439.1098	A	1.1
8	☐	250000.00	249812.19	392139665.2	2,180.298	A	0.8

$$y = 0.0087 * x + 0.0161$$

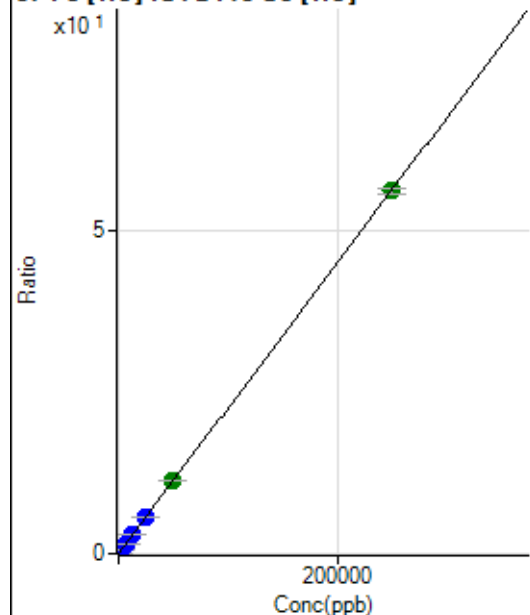
$$R = 1.0000$$

$$DL = 0.101$$

$$BEC = 1.849$$

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	96.67	0.0006	P	18.1
2	☐	50.000	47.983	1901.26	0.0113	P	8.3
3	☐	2500.000	2616.049	99410.53	0.5886	P	1.2
4	☐	6250.000	6926.558	255691.24	1.5575	P	5.4
5	☐	12500.000	13123.667	505498.94	2.9504	P	1.4
6	☐	25000.000	25333.553	973555.50	5.6949	P	1.1
7	☐	50000.000	50518.794	1904261.21	11.3558	A	1.7
8	☐	250000.00	249813.62	10097722.49	56.1519	A	1.9

$$y = 2.2477\text{E-}004 * x + 5.6246\text{E-}004$$

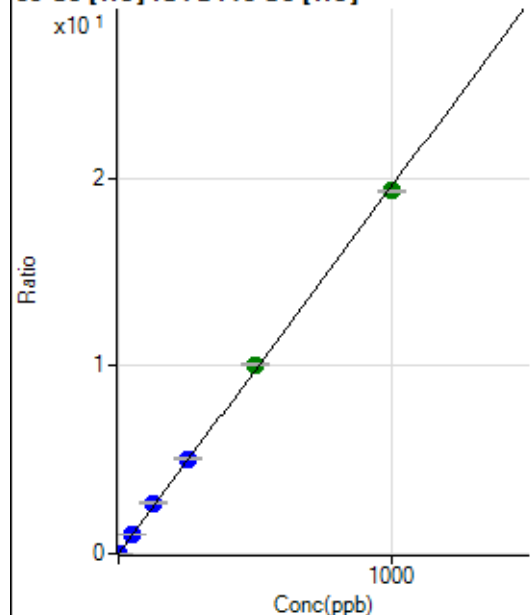
$$R = 1.0000$$

$$DL = 1.359$$

$$BEC = 2.502$$

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	127.78	0.0007	P	19.5
2	☐	1.000	1.004	3416.00	0.0204	P	4.2
3	☐	50.000	51.796	171171.86	1.0135	P	2.0
4	☐	125.000	137.664	442112.37	2.6924	P	4.7
5	☐	250.000	259.211	868510.78	5.0690	P	1.2
6	☐	500.000	515.580	1723567.61	10.0817	A	0.9
7	☐	1000.000	988.234	3240418.43	19.3233	A	0.8
8	☐			8947.33	0.0498	P	1.4

$$y = 0.0196 * x + 7.4357\text{E-}004$$

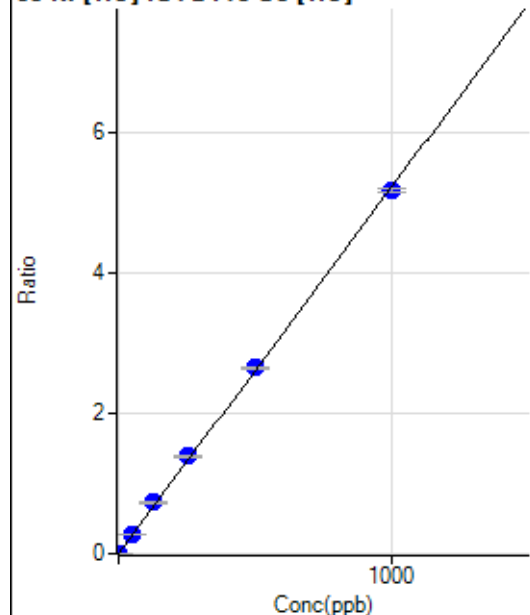
$$R = 0.9997$$

$$DL = 0.02229$$

$$BEC = 0.03803$$

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	81.11	0.0005	P	18.9
2	☐	1.000	0.971	928.93	0.0055	P	10.0
3	☐	50.000	53.190	46996.34	0.2782	P	1.0
4	☐	125.000	139.387	119616.98	0.7284	P	4.3
5	☐	250.000	265.612	237726.66	1.3876	P	1.7
6	☐	500.000	507.883	453497.84	2.6528	P	1.0
7	☐	1000.000	990.198	867248.44	5.1716	P	1.0
8	☐			2571.36	0.0143	P	3.5

$$y = 0.0052 * x + 4.7201E-004$$

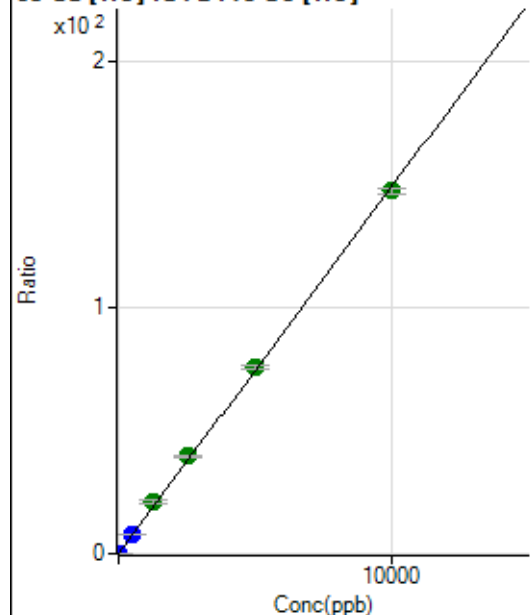
$$R = 0.9998$$

$$DL = 0.05136$$

$$BEC = 0.09038$$

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	1316.74	0.0077	P	4.2
2	☐	2.000	1.834	5880.16	0.0350	P	1.5
3	☐	500.000	534.599	1349180.28	7.9884	P	1.7
4	☐	1250.000	1412.678	3463177.34	21.0967	A	5.6
5	☐	2500.000	2662.271	6810772.19	39.7511	A	2.2
6	☐	5000.000	5090.926	12992247.72	76.0070	A	2.1
7	☐	10000.000	9891.905	24764168.80	147.6779	A	1.7
8	☐			6384.83	0.0355	P	1.9

$$y = 0.0149 * x + 0.0077$$

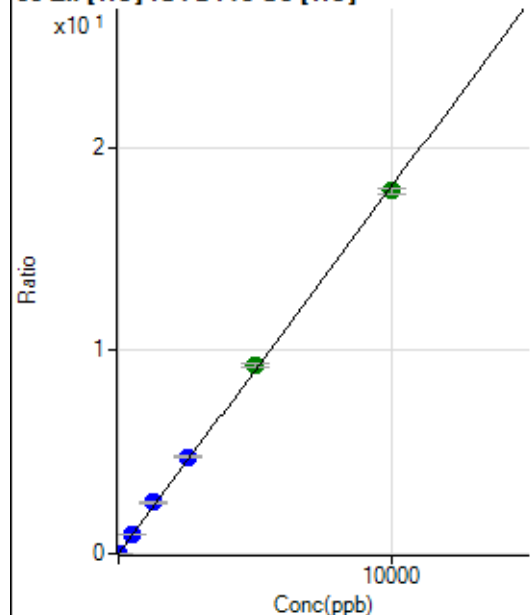
$$R = 0.9997$$

$$DL = 0.06416$$

$$BEC = 0.5134$$

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	625.58	0.0036	P	2.5
2	☐	2.000	2.118	1252.29	0.0075	P	4.5
3	☐	500.000	530.110	162416.10	0.9616	P	1.0
4	☐	1250.000	1395.543	414631.05	2.5255	P	5.3
5	☐	2500.000	2627.515	814072.16	4.7519	P	2.1
6	☐	5000.000	5135.390	1587041.11	9.2839	A	1.5
7	☐	10000.000	9880.728	2994852.35	17.8592	A	1.3
8	☐			3334.87	0.0185	P	1.7

$$y = 0.0018 * x + 0.0036$$

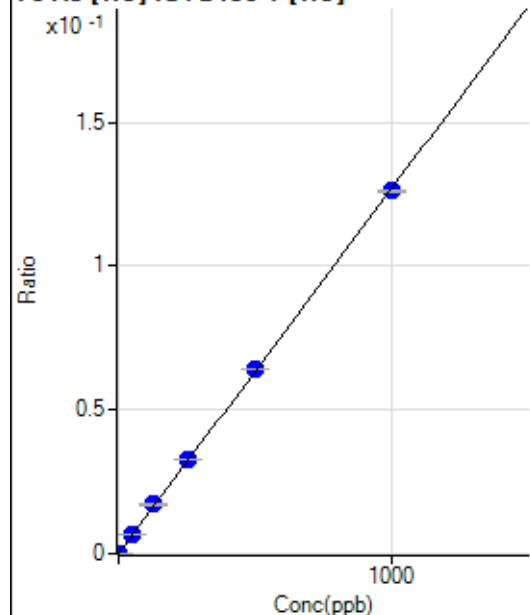
$$R = 0.9997$$

$$DL = 0.1499$$

$$BEC = 2.015$$

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	7.78	0.0000	P	24.0
2	☐	1.000	0.928	154.45	0.0001	P	10.8
3	☐	50.000	51.024	8120.20	0.0065	P	2.6
4	☐	125.000	135.334	20898.96	0.0172	P	3.8
5	☐	250.000	258.368	41632.49	0.0328	P	0.8
6	☐	500.000	504.925	80476.20	0.0641	P	0.5
7	☐	1000.000	994.103	154541.87	0.1261	P	0.7
8	☐			71.11	0.0001	P	27.5

$$y = 1.2685E-004 * x + 6.0897E-006$$

$$R = 0.9999$$

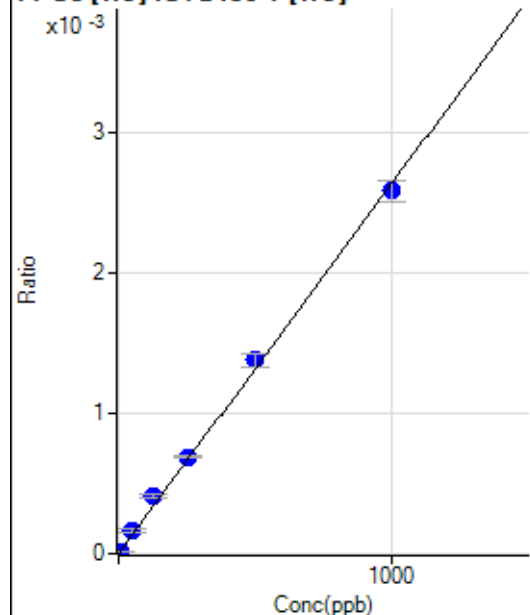
$$DL = 0.03458$$

$$BEC = 0.04801$$

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	3.392	11.11	0.0000	P	36.7
3	☐	50.000	61.193	202.22	0.0002	P	15.0
4	☐	125.000	155.525	500.01	0.0004	P	5.0
5	☐	250.000	261.406	875.59	0.0007	P	2.4
6	☐	500.000	522.846	1732.35	0.0014	P	6.3
7	☐	1000.000	981.358	3171.50	0.0026	P	5.7
8	☐			24.45	0.0000	P	54.4

$$y = 2.6376\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

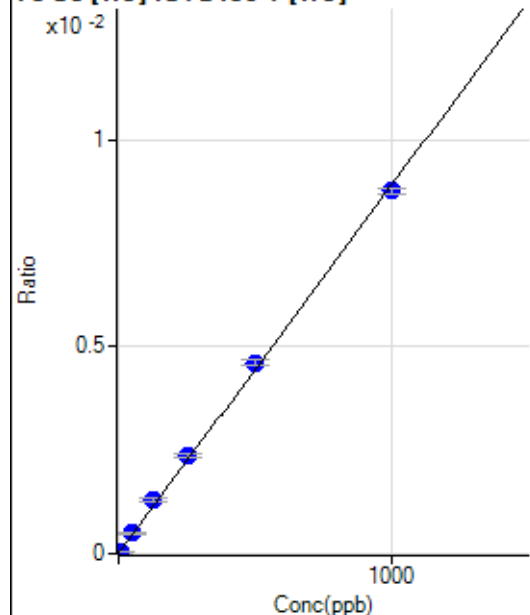
$$DL = 0$$

$$BEC = 0$$

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	10.00	0.0000	P	32.6
2	☐	5.000	5.338	68.89	0.0001	P	29.9
3	☐	50.000	54.217	613.36	0.0005	P	5.7
4	☐	125.000	144.423	1568.99	0.0013	P	7.9
5	☐	250.000	265.193	3001.46	0.0024	P	3.3
6	☐	500.000	517.396	5784.59	0.0046	P	3.4
7	☐	1000.000	984.863	10730.84	0.0088	P	1.4
8	☐			90.00	0.0001	P	17.1

$$y = 8.8834\text{E-}006 * x + 7.8220\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.8608$$

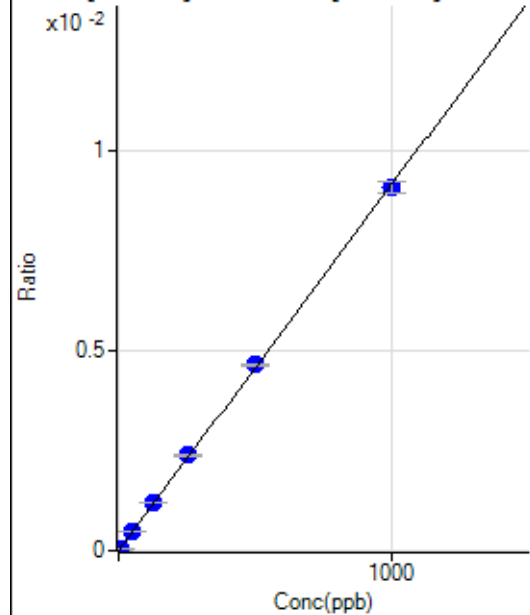
$$BEC = 0.8805$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2150.19		P	5.4
2	☐			2085.74		P	6.2
3	☐			2113.51		P	5.9
4	☐			2072.40		P	5.4
5	☐			2084.62		P	5.3
6	☐			2102.40		P	7.4
7	☐			2230.20		P	3.5
8	☐			4713.07		P	10.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-25.56	0.0000	P	-37.
2	☐	5.000	4.661	490.03	0.0000	P	12.9
3	☐	50.000	52.668	5721.30	0.0005	P	8.2
4	☐	125.000	132.654	14769.24	0.0012	P	1.7
5	☐	250.000	261.544	28763.34	0.0024	P	2.0
6	☐	500.000	509.305	56669.39	0.0047	P	0.9
7	☐	1000.000	991.373	108233.85	0.0091	P	3.3
8	☐			535.58	0.0000	P	10.8

$$y = 9.1548E-006 * x - 2.1039E-006$$

$$R = 0.9998$$

$$DL = 0.2613$$

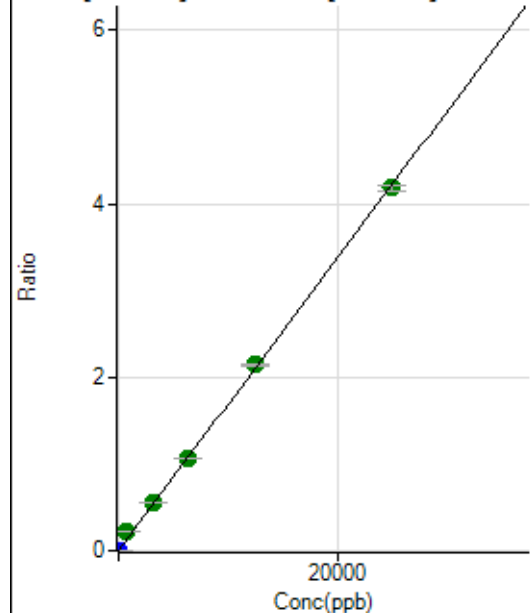
$$BEC = -0.2298$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			218.89		P	11.6
2	☐			240.00		P	2.4
3	☐			193.34		P	6.2
4	☐			193.34		P	13.7
5	☐			204.45		P	23.8
6	☐			207.78		P	3.7
7	☐			200.00		P	7.3
8	☐			213.34		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	445.57	0.0000	P	6.3
2	☐	1.000	0.922	2321.33	0.0002	P	1.5
3	☐	625.000	1285.281	2584901.20	0.2166	A	3.1
4	☐	3125.000	3232.003	6635183.65	0.5446	A	0.5
5	☐	6250.000	6351.895	12870304.11	1.0703	A	0.5
6	☐	12500.000	12739.337	26101919.61	2.1466	A	0.8
7	☐	25000.000	24824.975	49908637.03	4.1831	A	1.8
8	☐			6173.54	0.0005	P	18.9

$$y = 1.6850E-004 * x + 3.6660E-005$$

$$R = 0.9997$$

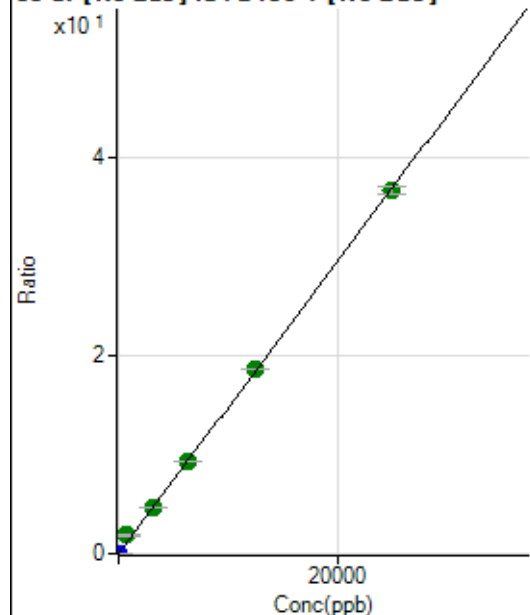
$$DL = 0.04095$$

$$BEC = 0.2176$$

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	1064.50	0.0001	P	4.2
2	☐	1.000	0.874	16625.56	0.0014	P	3.0
3	☐	625.000	1263.925	22245176.89	1.8643	A	3.6
4	☐	3125.000	3181.216	57164037.48	4.6922	A	0.4
5	☐	6250.000	6361.081	112821123.8	9.3823	A	0.1
6	☐	12500.000	12654.470	226955241.0	18.6646	A	0.8
7	☐	25000.000	24871.995	437677406.8	36.6846	A	2.0
8	☐			51023.22	0.0044	P	18.5

$$y = 0.0015 * x + 8.7549E-005$$

$$R = 0.9997$$

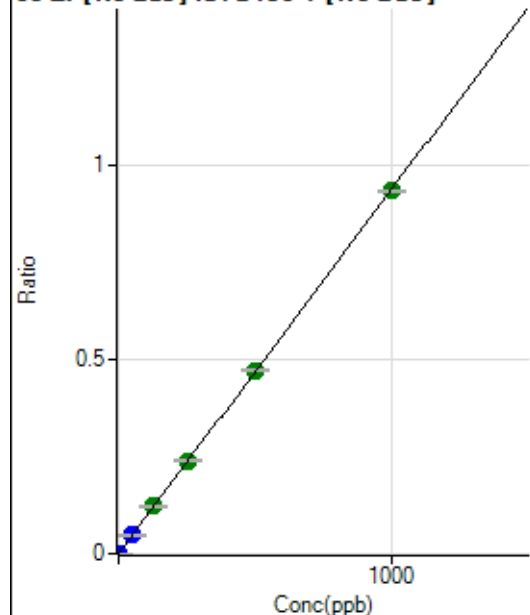
$$DL = 0.007418$$

$$BEC = 0.05936$$

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	470.01	0.0000	P	1.3
2	☐	1.000	0.883	10449.56	0.0009	P	1.2
3	☐	50.000	50.852	568114.30	0.0476	P	5.4
4	☐	125.000	129.378	1475797.58	0.1211	A	2.0
5	☐	250.000	255.750	2879028.57	0.2394	A	1.7
6	☐	500.000	503.442	5730820.96	0.4713	A	0.6
7	☐	1000.000	996.252	11129202.06	0.9326	A	0.6
8	☐			5083.26	0.0004	P	7.3

$$y = 9.3606E-004 * x + 3.8665E-005$$

$$R = 1.0000$$

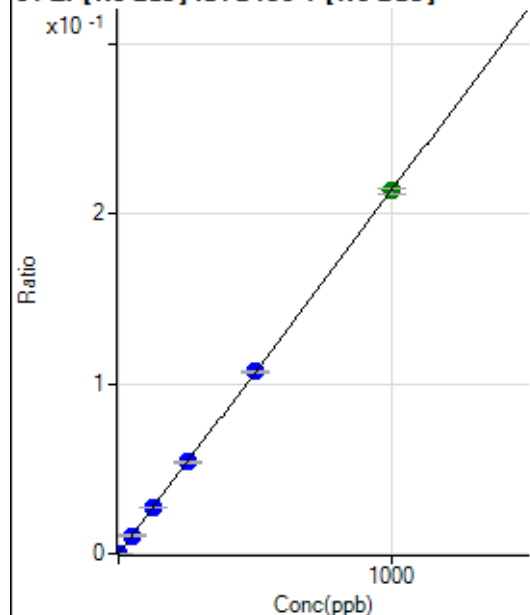
$$DL = 0.001654$$

$$BEC = 0.04131$$

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	75.55	0.0000	P	9.7
2	☐	1.000	0.860	2295.77	0.0002	P	1.6
3	☐	50.000	49.776	126925.38	0.0106	P	3.8
4	☐	125.000	125.753	327307.31	0.0269	P	0.5
5	☐	250.000	252.174	647690.62	0.0539	P	2.0
6	☐	500.000	500.536	1300074.17	0.1069	P	0.8
7	☐	1000.000	999.106	2546832.43	0.2134	A	1.2
8	☐			1178.95	0.0001	P	8.1

$$y = 2.1359\text{E-}004 * x + 6.2184\text{E-}006$$

$$R = 1.0000$$

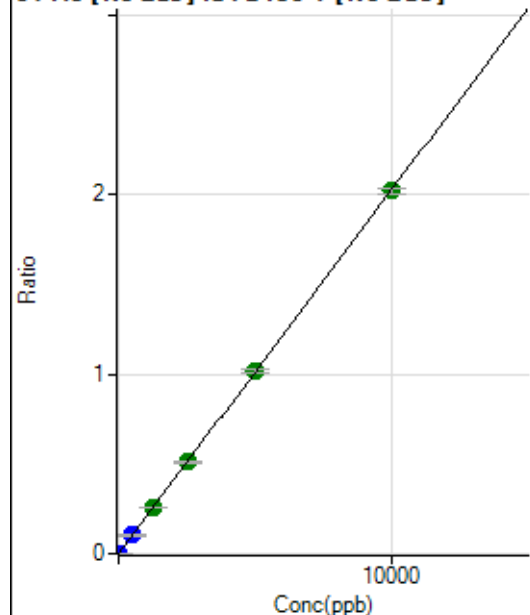
$$DL = 0.008471$$

$$BEC = 0.02911$$

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	186.67	0.0000	P	13.1
2	☐	5.000	5.103	12683.63	0.0011	P	4.1
3	☐	500.000	509.134	1231530.05	0.1033	P	4.8
4	☐	1250.000	1265.185	3125604.40	0.2566	A	0.6
5	☐	2500.000	2520.621	6145658.73	0.5111	A	1.4
6	☐	5000.000	5036.361	12417351.06	1.0212	A	1.7
7	☐	10000.000	9974.309	24132990.47	2.0225	A	1.4
8	☐			4800.97	0.0004	P	10.5

$$y = 2.0277\text{E-}004 * x + 1.5361\text{E-}005$$

$$R = 1.0000$$

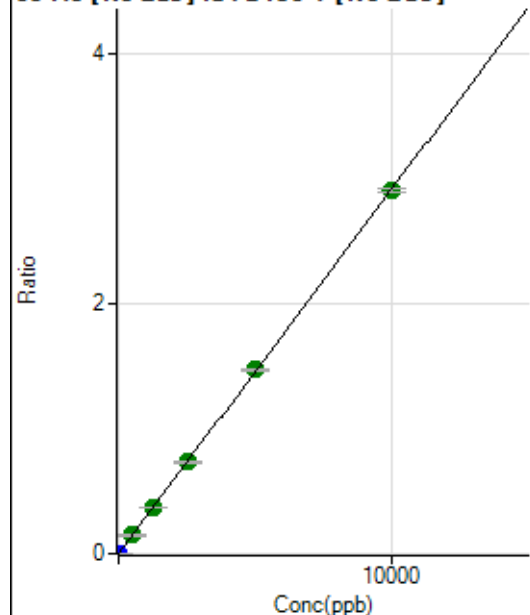
$$DL = 0.02986$$

$$BEC = 0.07576$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.66	0.0000	P	44.1
2	☐	5.000	4.316	15216.22	0.0013	P	3.6
3	☐	500.000	508.167	1764023.03	0.1478	A	4.0
4	☐	1250.000	1272.153	4509269.20	0.3701	A	1.8
5	☐	2500.000	2522.354	8823605.56	0.7338	A	1.8
6	☐	5000.000	5062.101	17907746.96	1.4727	A	0.9
7	☐	10000.000	9960.184	34579034.48	2.8977	A	0.9
8	☐			5237.25	0.0005	P	19.0

$$y = 2.9093\text{E-}004 * x + 3.8340\text{E-}006$$

$$R = 1.0000$$

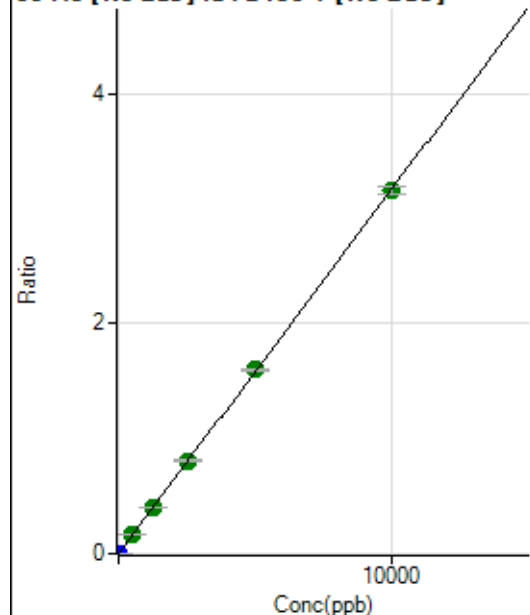
$$DL = 0.01744$$

$$BEC = 0.01318$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.22	0.0000	P	24.0
2	☐	5.000	4.380	16885.90	0.0014	P	0.8
3	☐	500.000	515.809	1947980.49	0.1633	A	4.5
4	☐	1250.000	1264.236	4875813.12	0.4002	A	1.0
5	☐	2500.000	2549.070	9702288.88	0.8069	A	1.4
6	☐	5000.000	5046.496	19424881.79	1.5975	A	0.4
7	☐	10000.000	9961.915	37623509.16	3.1535	A	2.0
8	☐			6000.51	0.0005	P	13.4

$$y = 3.1655\text{E-}004 * x + 1.0900\text{E-}005$$

$$R = 1.0000$$

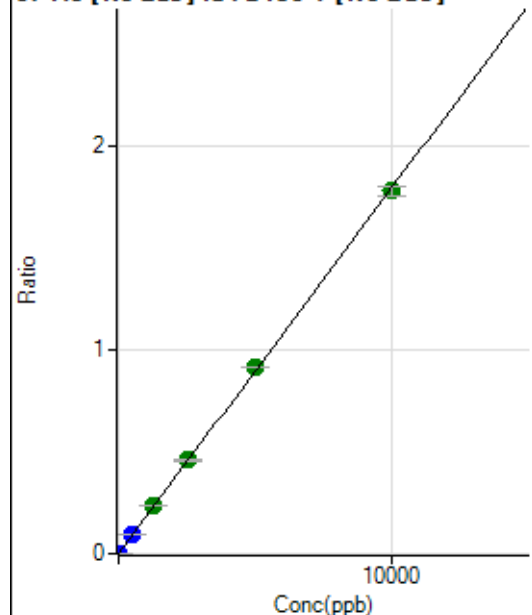
$$DL = 0.02477$$

$$BEC = 0.03443$$

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	30.00	0.0000	P	18.5
2	☐	5.000	4.281	9324.33	0.0008	P	2.0
3	☐	500.000	518.175	1110133.97	0.0931	P	4.8
4	☐	1250.000	1297.608	2839493.12	0.2331	A	0.5
5	☐	2500.000	2554.385	5516325.40	0.4588	A	2.1
6	☐	5000.000	5105.054	11149665.11	0.9169	A	0.5
7	☐	10000.000	9927.017	21271034.41	1.7830	A	2.5
8	☐			2973.72	0.0003	P	10.5

$$y = 1.7961\text{E-}004 * x + 2.4652\text{E-}006$$

$$R = 0.9999$$

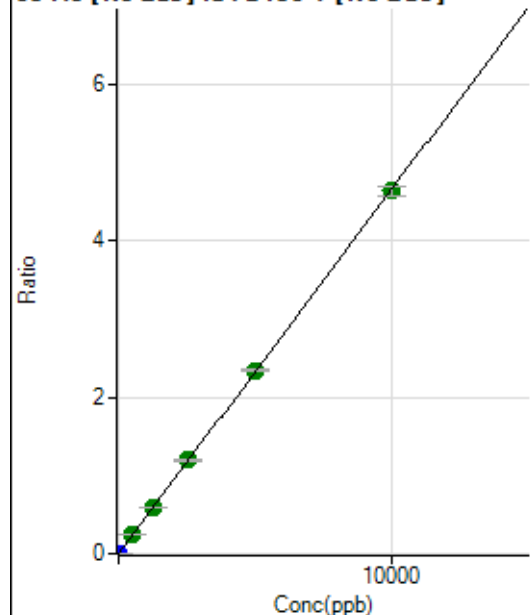
$$DL = 0.007598$$

$$BEC = 0.01372$$

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	96.67	0.0000	P	30.6
2	☐	5.000	4.292	24200.08	0.0020	P	1.3
3	☐	500.000	520.378	2884466.76	0.2419	A	5.3
4	☐	1250.000	1277.016	7230451.14	0.5935	A	1.1
5	☐	2500.000	2562.023	14316321.04	1.1907	A	2.2
6	☐	5000.000	5031.621	28434979.02	2.3385	A	0.9
7	☐	10000.000	9964.288	55246562.51	4.6310	A	2.7
8	☐			7279.94	0.0006	P	11.9

$$y = 4.6476\text{E-}004 * x + 7.9347\text{E-}006$$

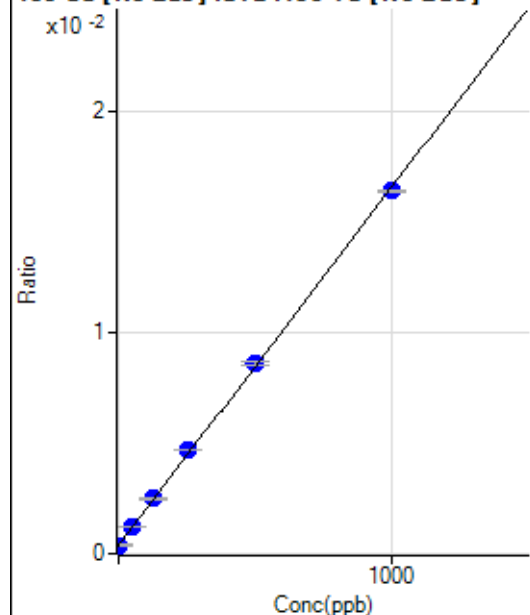
$$R = 1.0000$$

$$DL = 0.01567$$

$$BEC = 0.01707$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4058.42	0.0004	P	3.0
2	☐	1.000	0.351	4188.46	0.0004	P	6.6
3	☐	50.000	52.912	13258.70	0.0012	P	2.8
4	☐	125.000	130.298	27970.69	0.0025	P	2.3
5	☐	250.000	267.024	51088.92	0.0047	P	0.7
6	☐	500.000	508.778	96380.81	0.0086	P	1.7
7	☐	1000.000	990.548	179108.73	0.0164	P	0.8
8	☐			3930.60	0.0004	P	2.2

$$y = 1.6203\text{E-}005 * x + 3.7397\text{E-}004$$

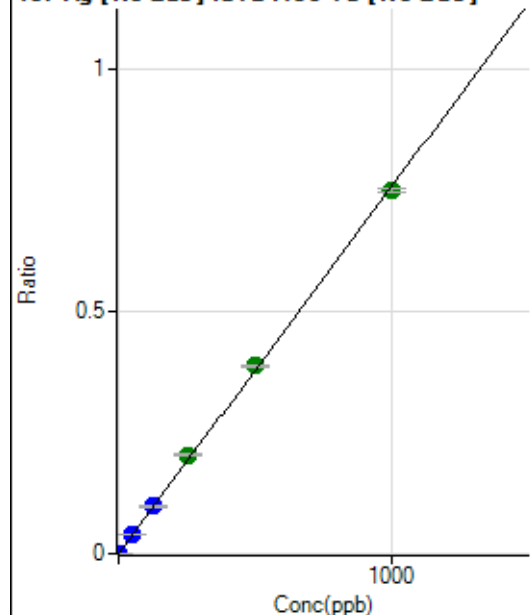
R = 0.9998

DL = 2.081

BEC = 23.08

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.89	0.0000	P	11.0
2	☐	1.000	0.898	7614.39	0.0007	P	1.3
3	☐	50.000	53.360	434805.14	0.0404	P	3.3
4	☐	125.000	129.558	1104036.03	0.0981	P	1.9
5	☐	250.000	268.861	2212413.09	0.2035	A	1.6
6	☐	500.000	511.532	4331096.85	0.3872	A	1.2
7	☐	1000.000	988.781	8163205.23	0.7485	A	1.0
8	☐			1584.55	0.0001	P	5.2

$$y = 7.5699\text{E-}004 * x + 1.0047\text{E-}005$$

R = 0.9997

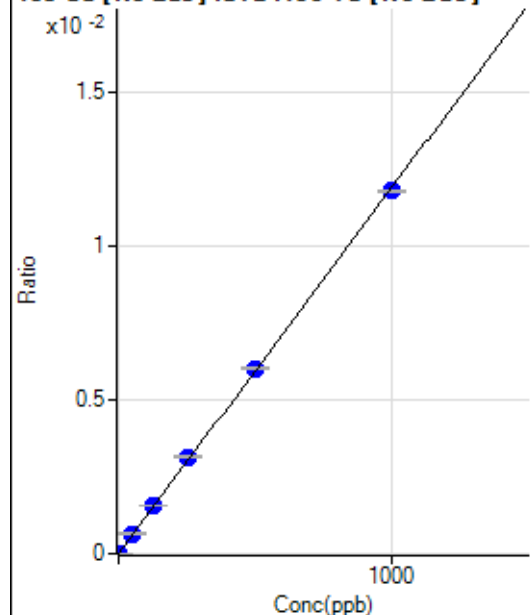
DL = 0.004376

BEC = 0.01327

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.3
2	☐	1.000	0.887	128.89	0.0000	P	10.8
3	☐	50.000	54.401	6974.04	0.0006	P	3.9
4	☐	125.000	130.121	17430.00	0.0015	P	2.0
5	☐	250.000	264.972	34262.57	0.0032	P	0.9
6	☐	500.000	506.934	67440.81	0.0060	P	1.3
7	☐	1000.000	991.930	128665.10	0.0118	P	0.7
8	☐			125.56	0.0000	P	13.2

$$y = 1.1892\text{E-}005 * x + 1.1266\text{E-}006$$

$$R = 0.9998$$

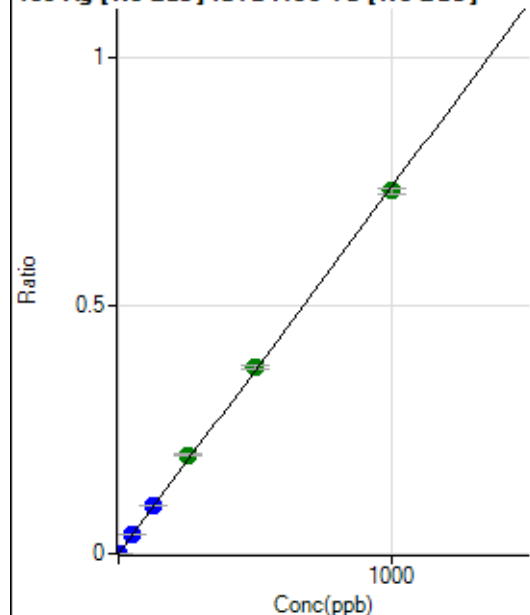
$$DL = 0.1175$$

$$BEC = 0.09473$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	68.6
2	☐	1.000	0.900	7377.61	0.0007	P	2.9
3	☐	50.000	53.626	426109.48	0.0396	P	2.7
4	☐	125.000	130.657	1085667.18	0.0965	P	1.7
5	☐	250.000	269.027	2158525.11	0.1986	A	1.2
6	☐	500.000	509.636	4207766.82	0.3762	A	1.6
7	☐	1000.000	989.537	7966654.67	0.7305	A	1.3
8	☐			1504.54	0.0001	P	6.5

$$y = 7.3820\text{E-}004 * x + 4.6295\text{E-}006$$

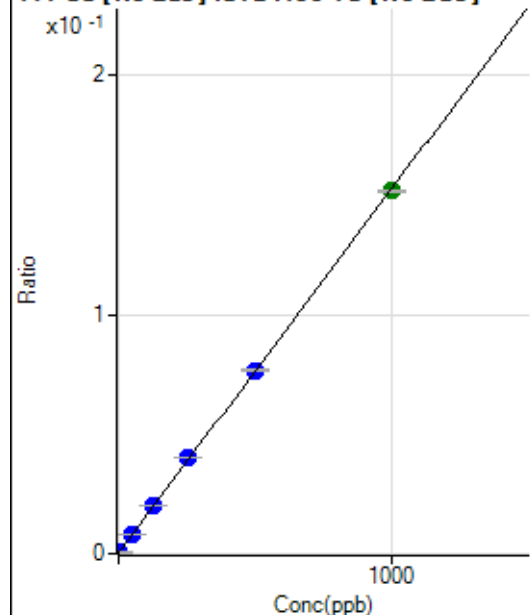
$$R = 0.9997$$

$$DL = 0.01291$$

$$BEC = 0.006271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2840.12	0.0003	P	3.2
2	☐	1.000	0.945	4474.04	0.0004	P	6.4
3	☐	50.000	52.730	89251.20	0.0083	P	2.1
4	☐	125.000	129.626	225152.78	0.0200	P	0.7
5	☐	250.000	263.152	438396.55	0.0403	P	1.0
6	☐	500.000	502.488	858812.86	0.0768	P	0.3
7	☐	1000.000	994.753	1654890.97	0.1517	A	0.6
8	☐			3636.91	0.0003	P	3.6

$$y = 1.5228\text{E-}004 * x + 2.6170\text{E-}004$$

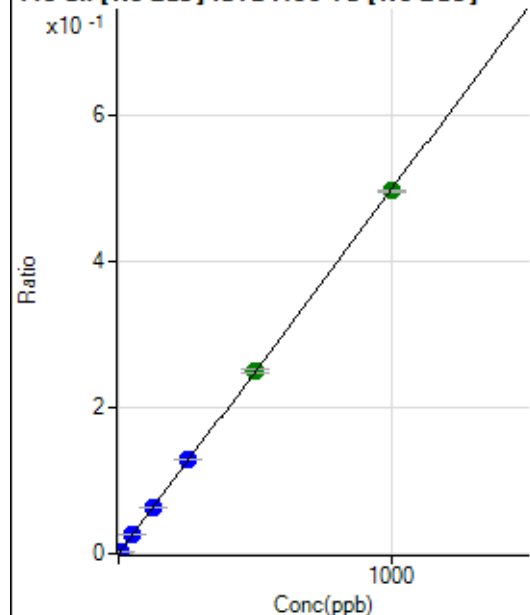
$$R = 0.9999$$

$$DL = 0.1641$$

$$BEC = 1.719$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	761.14	0.0001	P	5.8
2	☐	5.000	4.539	25715.34	0.0023	P	1.7
3	☐	50.000	52.241	280741.00	0.0261	P	3.3
4	☐	125.000	127.138	713491.24	0.0634	P	1.4
5	☐	250.000	259.229	1403907.15	0.1292	P	1.2
6	☐	500.000	502.211	2798247.56	0.2502	A	1.3
7	☐	1000.000	996.210	5411428.22	0.4962	A	0.7
8	☐			3366.00	0.0003	P	2.8

$$y = 4.9802\text{E-}004 * x + 7.0104\text{E-}005$$

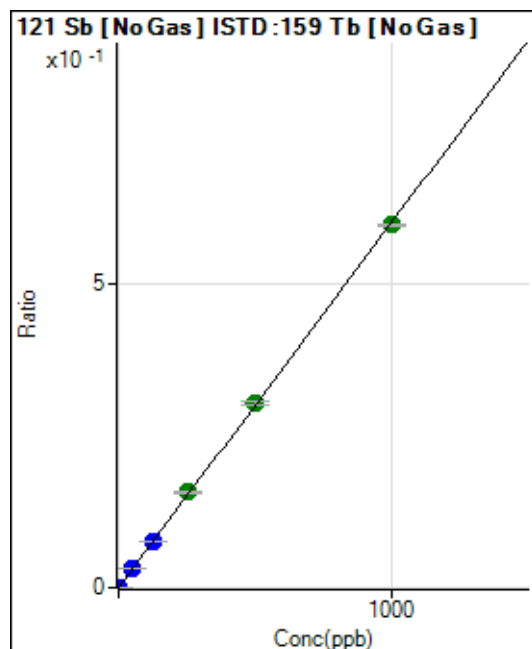
$$R = 0.9999$$

$$DL = 0.02464$$

$$BEC = 0.1408$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	12.5
2	☐	2.000	1.787	11876.35	0.0011	P	1.1
3	☐	50.000	51.825	334464.61	0.0311	P	3.5
4	☐	125.000	126.534	854007.29	0.0759	P	1.9
5	☐	250.000	262.227	1709247.91	0.1572	A	1.4
6	☐	500.000	505.244	3388496.79	0.3030	A	1.5
7	☐	1000.000	994.039	6500399.00	0.5960	A	0.9
8	☐			4473.01	0.0004	P	13.4

$$y = 5.9960\text{E-}004 * x + 4.8105\text{E-}006$$

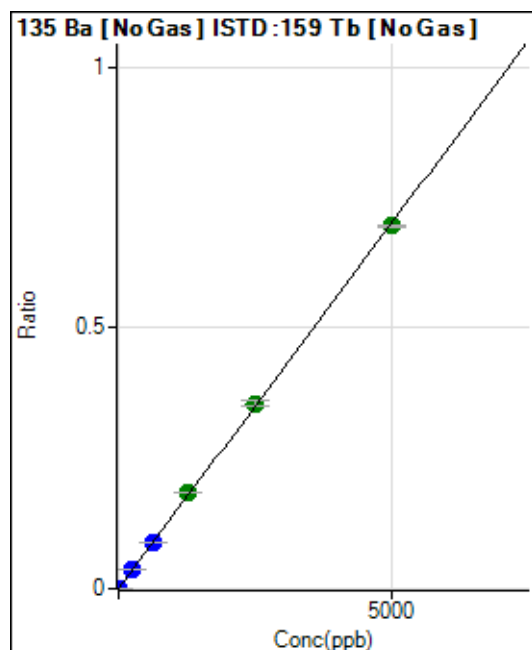
$$R = 0.9999$$

$$DL = 0.00301$$

$$BEC = 0.008023$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0000	P	29.3
2	☐	10.000	8.842	13725.97	0.0012	P	3.3
3	☐	250.000	257.095	387567.29	0.0360	P	3.7
4	☐	625.000	630.492	994078.73	0.0883	P	1.7
5	☐	1250.000	1314.374	2001012.51	0.1841	A	1.5
6	☐	2500.000	2535.247	3972221.26	0.3551	A	3.6
7	☐	5000.000	4965.244	7585050.30	0.6955	A	0.8
8	☐			4150.68	0.0004	P	3.0

$$y = 1.4007\text{E-}004 * x + 5.5461\text{E-}006$$

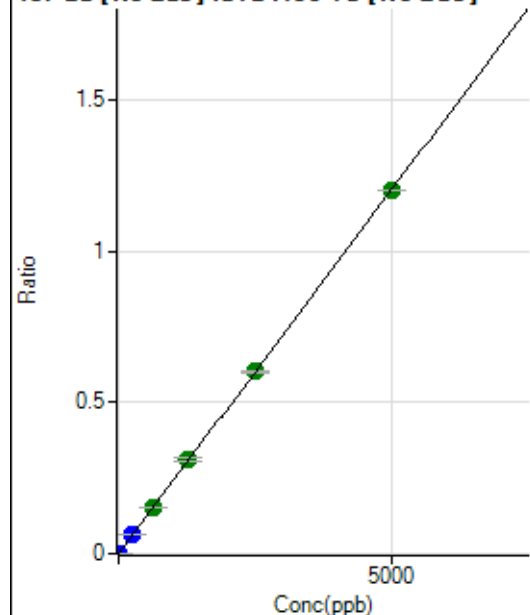
$$R = 0.9999$$

$$DL = 0.03482$$

$$BEC = 0.03959$$

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	80.00	0.0000	P	25.8
2	☐	10.000	9.199	24496.70	0.0022	P	1.6
3	☐	250.000	258.982	670531.81	0.0623	P	3.3
4	☐	625.000	631.333	1709571.38	0.1519	A	1.2
5	☐	1250.000	1299.363	3397541.37	0.3126	A	2.9
6	☐	2500.000	2498.713	6723558.37	0.6011	A	1.1
7	☐	5000.000	4987.064	13083598.00	1.1997	A	0.1
8	☐			7115.26	0.0007	P	1.7

$$y = 2.4056E-004 * x + 7.3724E-006$$

$$R = 0.9999$$

$$DL = 0.0237$$

$$BEC = 0.03065$$

Weight: <None>

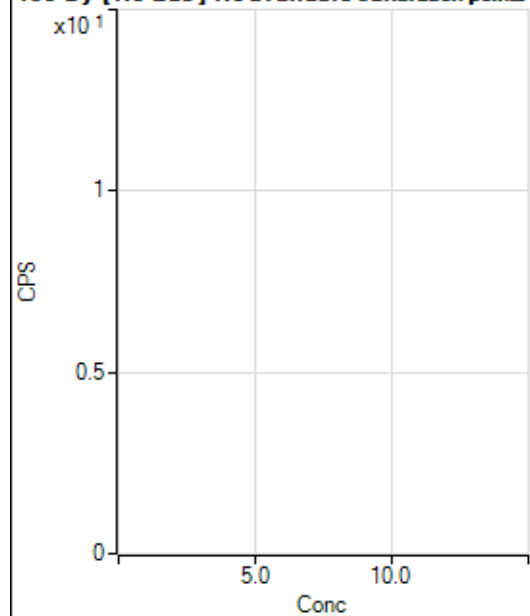
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐			8.89		P	21.6
3	☐			34.45		P	20.1
4	☐			68.89		P	23.9
5	☐			94.45		P	14.3
6	☐			201.12		P	11.6
7	☐			420.01		P	10.7
8	☐			305.56		P	5.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			7.78		P	65.5
4	☐			8.89		P	114.
5	☐			18.89		P	27.0
6	☐			17.78		P	39.0
7	☐			48.89		P	3.9
8	☐			110.00		P	6.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	24.8
2	☐			6.67		P	86.6
3	☐			32.22		P	46.6
4	☐			60.00		P	5.5
5	☐			104.45		P	7.4
6	☐			230.00		P	3.8
7	☐			495.57		P	6.3
8	☐			1603.45		P	4.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			3.33		P	100.
3	☐			10.00		P	33.3
4	☐			21.11		P	50.8
5	☐			57.78		P	14.5
6	☐			130.00		P	20.5
7	☐			218.89		P	3.5
8	☐			737.80		P	1.1

160 Gd [No Gas] Noavailable calibration poin_

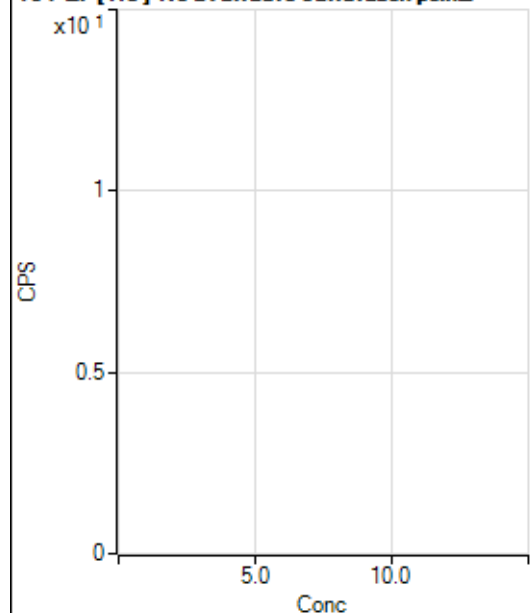
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			124.45		P	24.2
2	☐			94.44		P	25.0
3	☐			112.22		P	11.2
4	☐			182.22		P	13.2
5	☐			208.89		P	3.7
6	☐			310.01		P	15.2
7	☐			475.57		P	7.1
8	☐			1803.48		P	4.4

160 Gd [He] No available calibration points

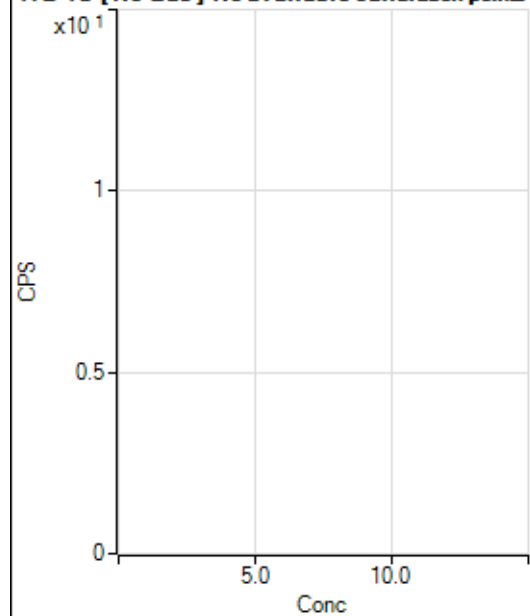
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141.11		P	38.4
2	☐			122.22		P	13.7
3	☐			166.67		P	15.6
4	☐			171.11		P	5.6
5	☐			155.56		P	17.3
6	☐			220.00		P	19.7
7	☐			267.79		P	7.6
8	☐			980.05		P	3.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.56		P	2.6
2	☐			88.89		P	5.7
3	☐			76.67		P	19.0
4	☐			86.67		P	21.4
5	☐			98.89		P	30.4
6	☐			151.11		P	5.5
7	☐			186.67		P	12.9
8	☐			267.78		P	7.5

164 Er [He] No available calibration points

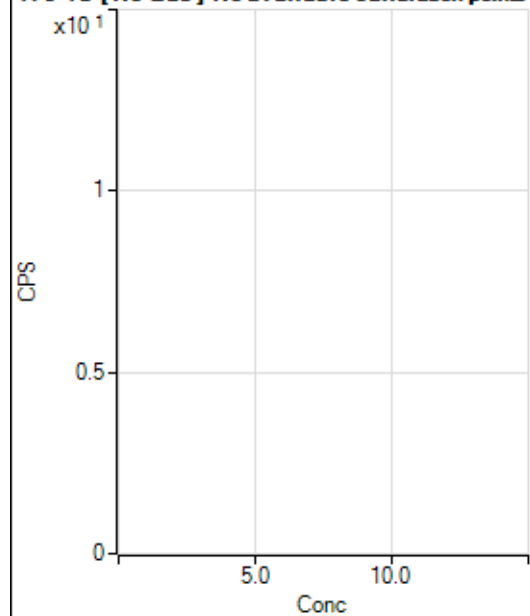
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	27.0
2	☐			21.11		P	50.8
3	☐			30.00		P	22.2
4	☐			45.56		P	27.7
5	☐			32.22		P	29.8
6	☐			47.78		P	4.0
7	☐			82.22		P	22.3
8	☐			123.34		P	9.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			85.55		P	12.5
2	☐			75.56		P	19.9
3	☐			76.66		P	19.9
4	☐			116.67		P	17.8
5	☐			103.33		P	5.6
6	☐			186.67		P	10.9
7	☐			282.23		P	2.5
8	☐			186.67		P	11.7

172 Yb [He] No available calibration points

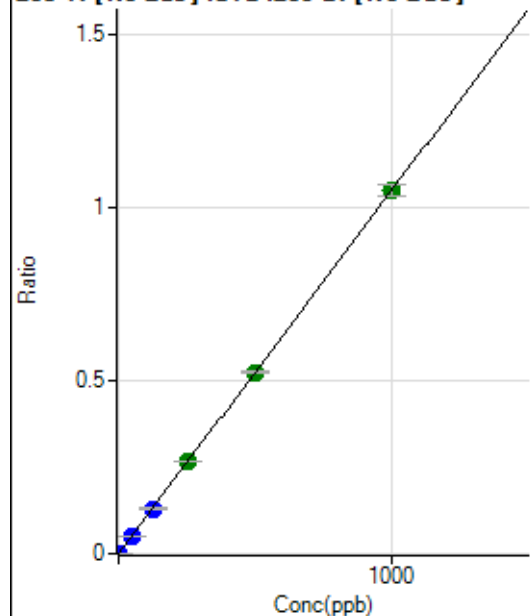
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	36.3
2	☐			37.78		P	43.5
3	☐			44.44		P	41.3
4	☐			36.67		P	32.8
5	☐			58.89		P	14.2
6	☐			78.89		P	2.4
7	☐			124.45		P	17.8
8	☐			94.44		P	12.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1790.14		P	2.6
2	☐			1745.69		P	6.1
3	☐			3221.53		P	4.0
4	☐			5700.18		P	2.9
5	☐			9738.12		P	0.8
6	☐			17776.50		P	0.1
7	☐			33349.88		P	1.0
8	☐			1681.24		P	3.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11386.11		P	2.9
2	☐			11449.52		P	2.5
3	☐			11935.49		P	0.2
4	☐			12601.70		P	1.7
5	☐			14947.45		P	0.6
6	☐			18157.04		P	0.9
7	☐			24339.15		P	2.3
8	☐			12150.13		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	146.67	0.0000	P	6.9
2	☐	1.000	0.824	6731.82	0.0009	P	2.6
3	☐	50.000	48.431	381868.68	0.0508	P	3.3
4	☐	125.000	123.976	979432.59	0.1301	P	3.1
5	☐	250.000	253.386	1987543.65	0.2658	A	0.1
6	☐	500.000	499.961	3974573.62	0.5244	A	0.6
7	☐	1000.000	999.380	7662857.94	1.0483	A	3.1
8	☐			1677.96	0.0002	P	5.4

$$y = 0.0010 * x + 1.9446E-005$$

$$R = 1.0000$$

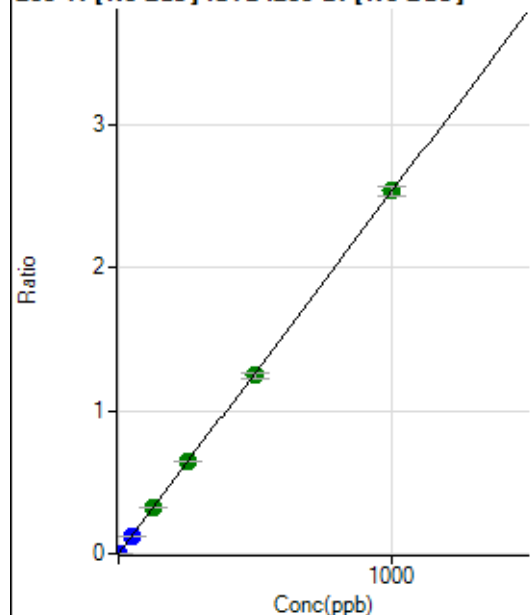
$$DL = 0.00385$$

$$BEC = 0.01854$$

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	406.68	0.0001	P	12.1
2	☐	1.000	0.857	16915.61	0.0022	P	1.5
3	☐	50.000	48.398	919950.46	0.1224	P	1.9
4	☐	125.000	127.426	2426689.56	0.3222	A	2.8
5	☐	250.000	254.055	4802910.41	0.6423	A	0.3
6	☐	500.000	492.240	9431008.26	1.2444	A	2.5
7	☐	1000.000	1002.643	18528985.84	2.5347	A	2.4
8	☐			4046.28	0.0006	P	7.7

$$y = 0.0025 * x + 5.3920E-005$$

$$R = 0.9999$$

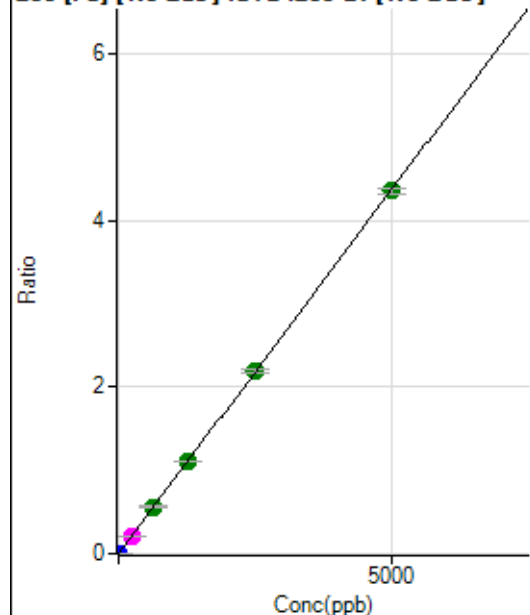
$$DL = 0.007733$$

$$BEC = 0.02133$$

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	362.23	0.0000	P	9.4
2	☐	1.000	0.834	5916.96	0.0008	P	0.8
3	☐	250.000	245.970	1615353.36	0.2149	M	2.6
4	☐	625.000	643.727	4236329.73	0.5625	A	1.8
5	☐	1250.000	1274.741	8328294.25	1.1138	A	0.7
6	☐	2500.000	2511.159	16627328.50	2.1940	A	1.6
7	☐	5000.000	4986.096	31847760.36	4.3563	A	1.6
8	☐			14358.15	0.0021	P	1.3

$$y = 8.7368E-004 * x + 4.7960E-005$$

$$R = 1.0000$$

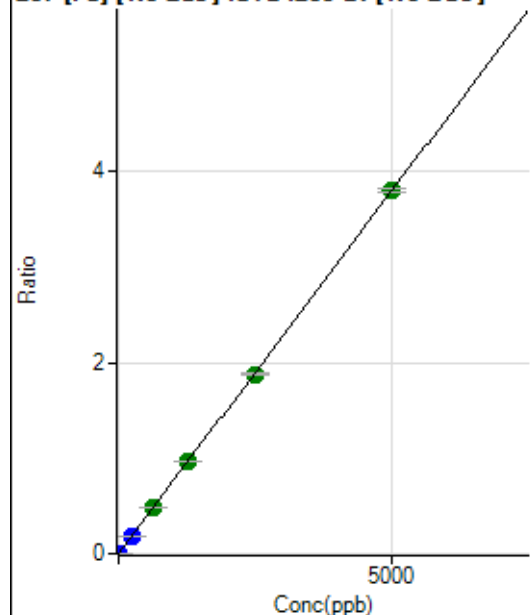
$$DL = 0.01556$$

$$BEC = 0.05489$$

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	323.34	0.0000	P	5.8
2	☐	1.000	0.845	5214.44	0.0007	P	3.3
3	☐	250.000	244.363	1393816.39	0.1855	P	3.1
4	☐	625.000	636.878	3640642.34	0.4834	A	2.3
5	☐	1250.000	1274.545	7232973.16	0.9673	A	0.5
6	☐	2500.000	2475.004	14234517.29	1.8783	A	1.2
7	☐	5000.000	5005.159	27770194.86	3.7984	A	0.9
8	☐			12183.66	0.0018	P	1.3

$$y = 7.5889\text{E-}004 * x + 4.2863\text{E-}005$$

$$R = 1.0000$$

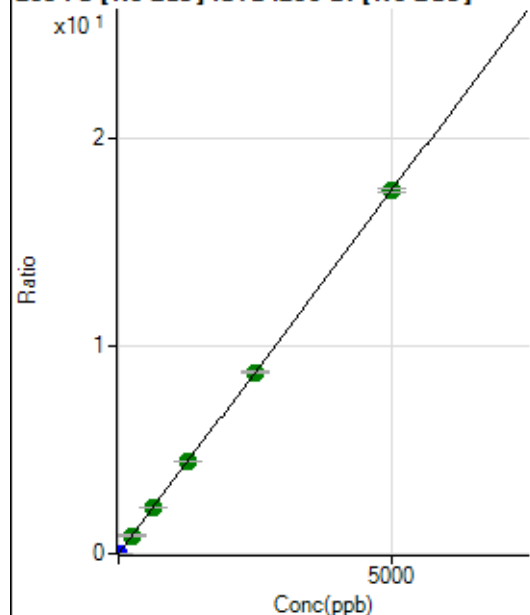
$$DL = 0.009879$$

$$BEC = 0.05648$$

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	1454.49	0.0002	P	5.7
2	☐	1.000	0.836	23772.13	0.0031	P	1.4
3	☐	250.000	251.239	6610314.11	0.8797	A	3.2
4	☐	625.000	634.616	16734215.41	2.2218	A	2.0
5	☐	1250.000	1269.324	33228352.98	4.4437	A	1.0
6	☐	2500.000	2494.223	66173727.49	8.7316	A	0.7
7	☐	5000.000	4996.794	127882465.8	17.4922	A	1.2
8	☐			56585.08	0.0084	P	1.7

$$y = 0.0035 * x + 1.9268\text{E-}004$$

$$R = 1.0000$$

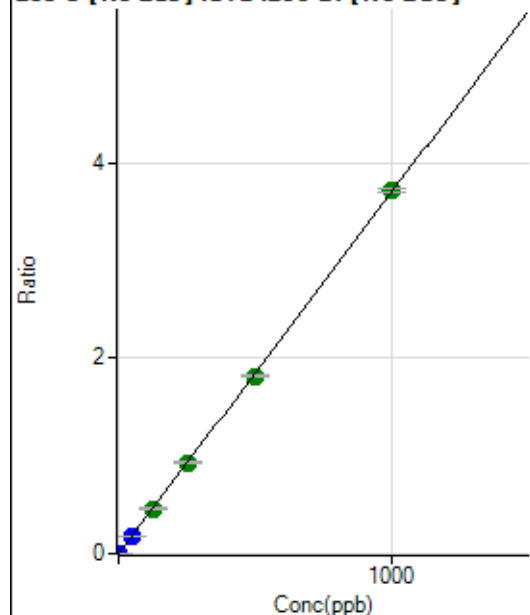
$$DL = 0.009445$$

$$BEC = 0.05504$$

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	60.00	0.0000	P	7.9
2	☐	1.000	0.839	23712.19	0.0031	P	0.6
3	☐	50.000	48.534	1348902.90	0.1795	P	3.3
4	☐	125.000	124.728	3474702.35	0.4613	A	1.4
5	☐	250.000	252.251	6976320.38	0.9330	A	0.7
6	☐	500.000	491.331	13771499.10	1.8172	A	1.4
7	☐	1000.000	1003.879	27146416.82	3.7129	A	1.1
8	☐			7476.93	0.0011	P	5.4

$$y = 0.0037 * x + 7.9448E-006$$

$$R = 0.9999$$

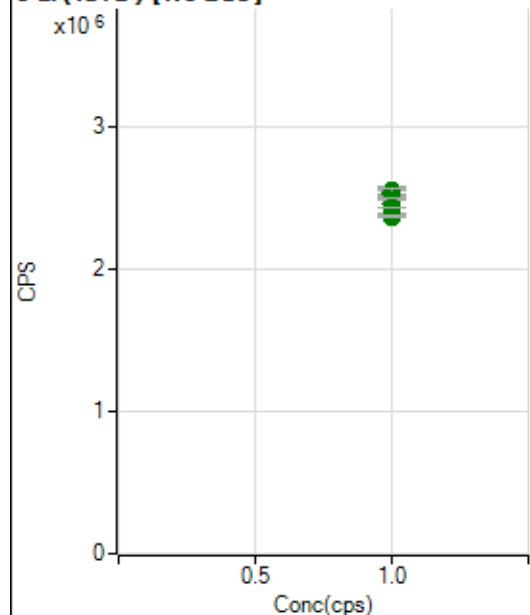
$$DL = 0.0005106$$

$$BEC = 0.002148$$

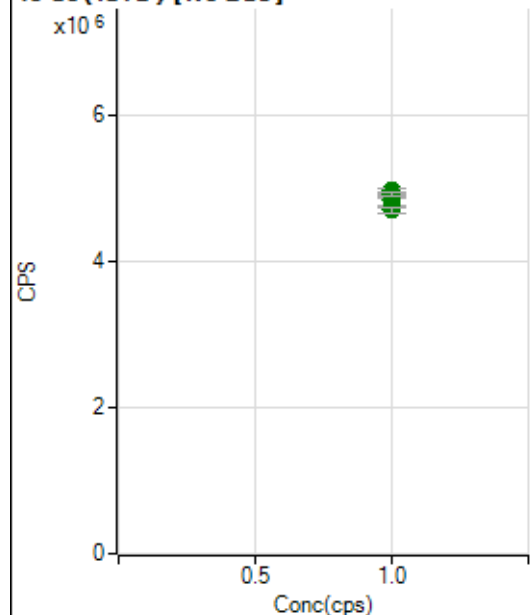
Weight: <None>

Min Conc: 0

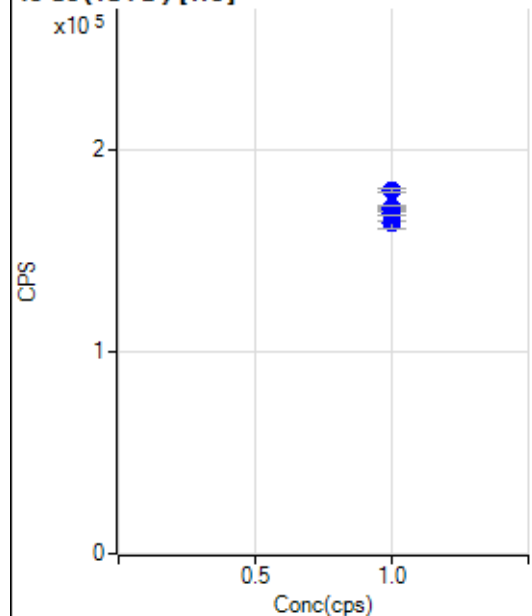
6 Li (ISTD) [No Gas]



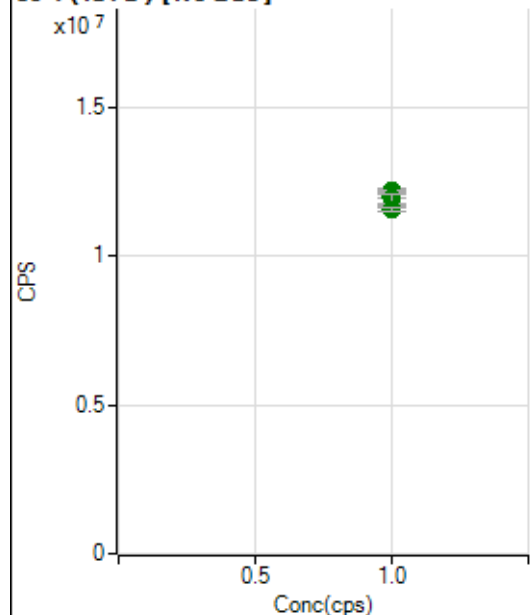
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2536045.97		A	2.2
2	☐	1.000		2544145.84		A	2.8
3	☐	1.000		2452926.09		A	5.2
4	☐	1.000		2537791.81		A	1.0
5	☐	1.000		2527295.74		A	2.6
6	☐	1.000		2483144.82		A	0.5
7	☐	1.000		2427211.08		A	0.3
8	☐	1.000		2366206.70		A	1.0

45 Sc (ISTD) [No Gas]

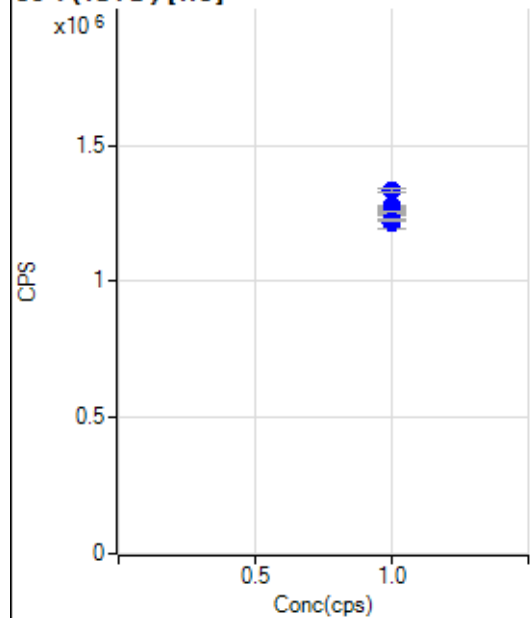
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4913781.49		A	1.8
2	☐	1.000		4948278.85		A	2.6
3	☐	1.000		4833727.50		A	3.2
4	☐	1.000		4966575.44		A	1.6
5	☐	1.000		4926562.46		A	1.3
6	☐	1.000		4925182.39		A	1.1
7	☐	1.000		4765537.53		A	0.5
8	☐	1.000		4707962.50		A	1.6

45 Sc (ISTD) [He]

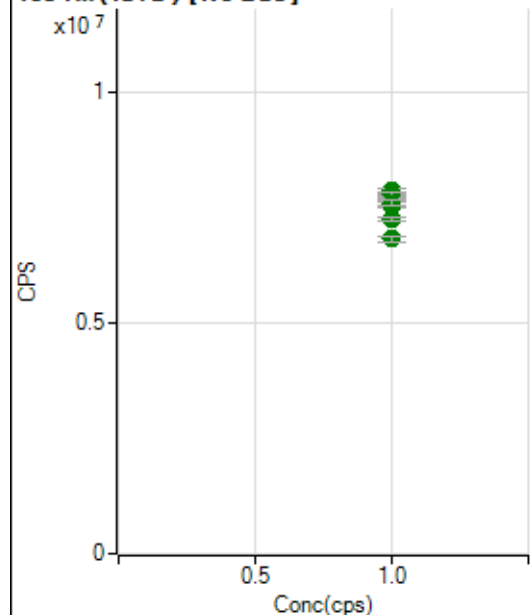
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		171828.31		P	0.3
2	☐	1.000		167831.98		P	3.4
3	☐	1.000		168909.67		P	0.8
4	☐	1.000		164434.22		P	4.5
5	☐	1.000		171363.14		P	1.9
6	☐	1.000		170968.08		P	1.4
7	☐	1.000		167696.82		P	0.3
8	☐	1.000		179851.46		P	1.1

89 Y (ISTD) [No Gas]

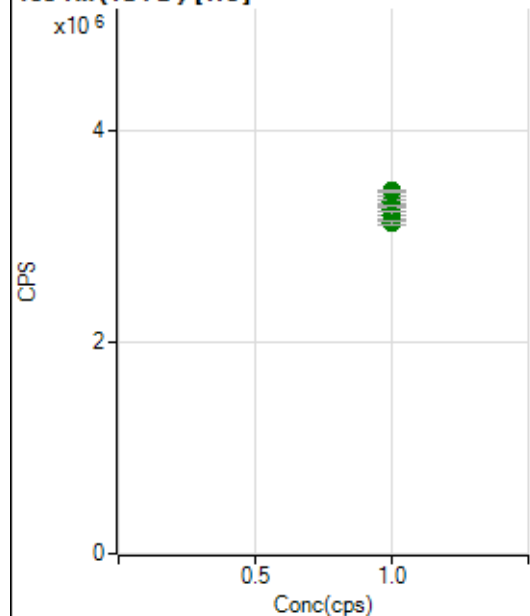
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12154701.21		A	1.2
2	☐	1.000		12086435.10		A	2.6
3	☐	1.000		11944409.68		A	4.4
4	☐	1.000		12182891.48		A	0.5
5	☐	1.000		12025005.38		A	1.1
6	☐	1.000		12159810.93		A	0.4
7	☐	1.000		11934969.13		A	2.6
8	☐	1.000		11548935.66		A	1.1

89 Y (ISTD) [He]

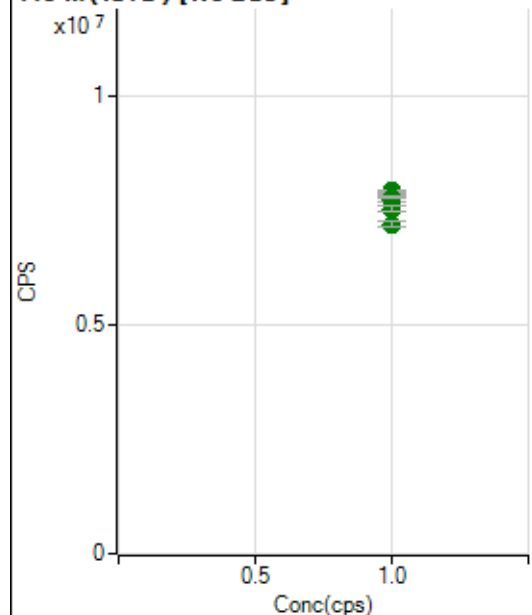
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1276277.58		P	0.8
2	☐	1.000		1250762.25		P	3.4
3	☐	1.000		1253627.04		P	1.2
4	☐	1.000		1218249.80		P	4.3
5	☐	1.000		1270065.38		P	0.8
6	☐	1.000		1256329.65		P	0.4
7	☐	1.000		1225454.61		P	0.7
8	☐	1.000		1333270.83		P	1.2

103 Rh (ISTD) [No Gas]

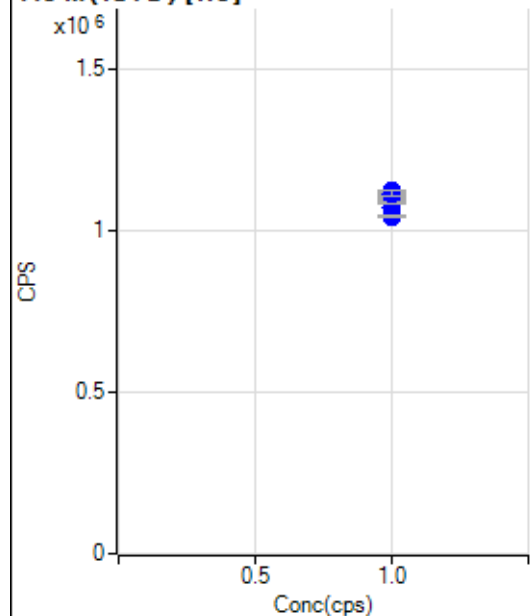
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7721225.72		A	0.7
2	☐	1.000		7859377.73		A	1.6
3	☐	1.000		7613180.02		A	2.9
4	☐	1.000		7778570.72		A	1.9
5	☐	1.000		7552069.54		A	1.8
6	☐	1.000		7601101.62		A	1.2
7	☐	1.000		7263241.14		A	1.3
8	☐	1.000		6822855.80		A	1.6

103 Rh (ISTD) [He]

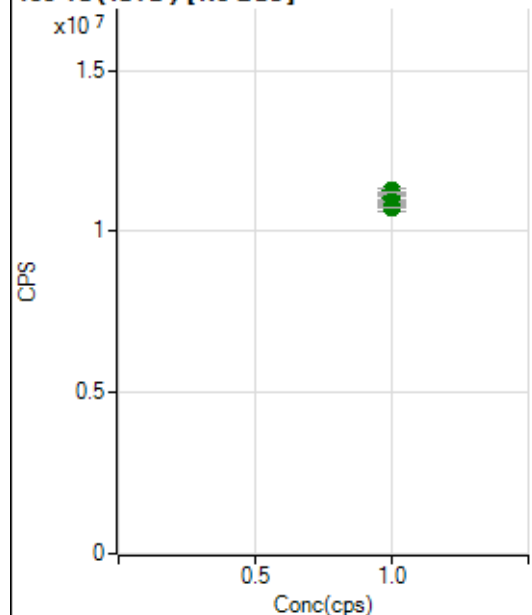
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3434534.60		A	0.2
2	☐	1.000		3327948.32		A	3.1
3	☐	1.000		3340363.66		A	2.2
4	☐	1.000		3257102.80		A	3.4
5	☐	1.000		3334856.13		A	1.3
6	☐	1.000		3285212.35		A	1.0
7	☐	1.000		3204827.76		A	1.8
8	☐	1.000		3133428.04		A	1.5

115 In (ISTD) [No Gas]

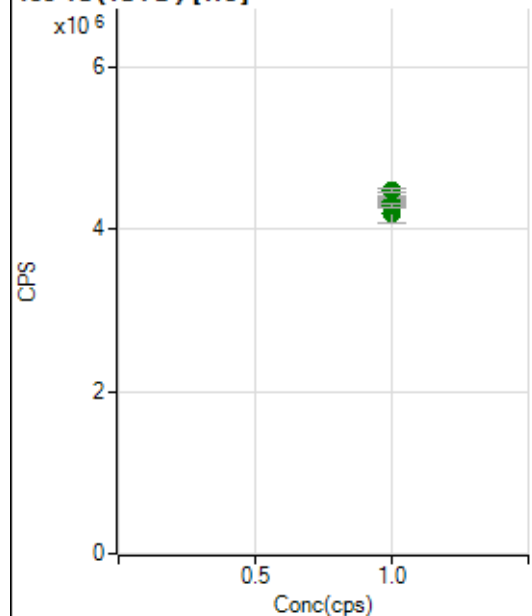
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7911003.24		A	0.2
2	☐	1.000		7897900.98		A	0.7
3	☐	1.000		7717165.38		A	2.9
4	☐	1.000		7924817.29		A	0.8
5	☐	1.000		7755336.00		A	1.9
6	☐	1.000		7776315.79		A	0.6
7	☐	1.000		7536264.66		A	2.0
8	☐	1.000		7189336.14		A	1.9

115 In (ISTD) [He]

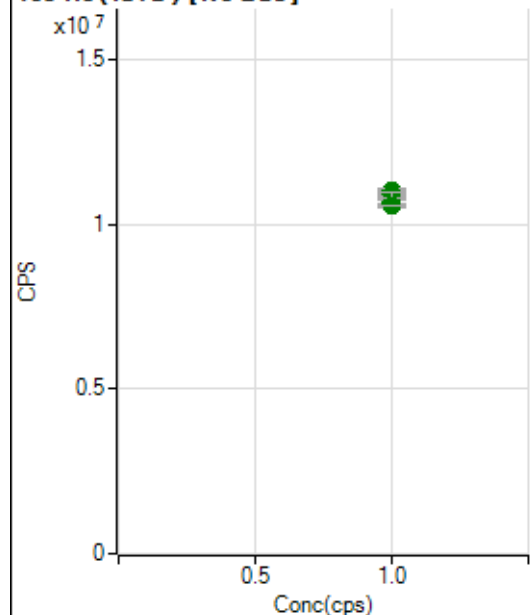
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1121354.85		P	0.3
2	☐	1.000		1102146.91		P	2.8
3	☐	1.000		1100045.04		P	0.6
4	☐	1.000		1069552.31		P	4.7
5	☐	1.000		1104880.45		P	1.4
6	☐	1.000		1084885.15		P	0.8
7	☐	1.000		1041953.30		P	0.3
8	☐	1.000		1114053.53		P	1.5

159 Tb (ISTD) [No Gas]

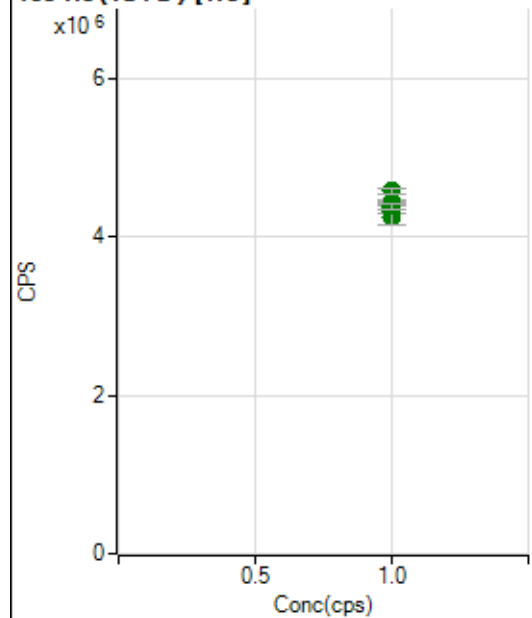
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10850776.16		A	1.6
2	☐	1.000		11033871.92		A	1.0
3	☐	1.000		10767977.34		A	2.7
4	☐	1.000		11257040.25		A	1.2
5	☐	1.000		10869452.75		A	1.0
6	☐	1.000		11185259.83		A	0.8
7	☐	1.000		10905820.67		A	0.4
8	☐	1.000		10739189.01		A	0.4

159 Tb (ISTD) [He]

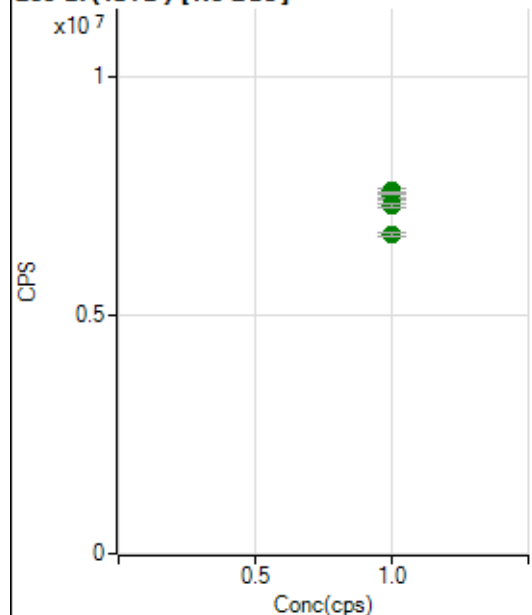
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4320322.92		A	2.0
2	☐	1.000		4276283.10		A	0.9
3	☐	1.000		4357720.35		A	1.4
4	☐	1.000		4183890.60		A	5.6
5	☐	1.000		4372592.92		A	1.0
6	☐	1.000		4343401.22		A	1.5
7	☐	1.000		4286125.15		A	1.5
8	☐	1.000		4468276.25		A	1.1

165 Ho (ISTD) [No Gas]

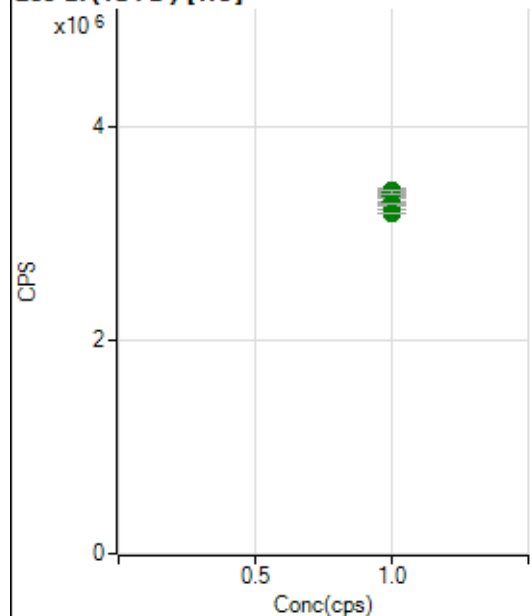
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10688204.50		A	0.8
2	☐	1.000		10925457.48		A	1.5
3	☐	1.000		10641064.91		A	3.0
4	☐	1.000		11007560.12		A	0.3
5	☐	1.000		10942109.70		A	1.9
6	☐	1.000		11009794.70		A	1.4
7	☐	1.000		10884991.09		A	1.2
8	☐	1.000		10572143.18		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4403225.11		A	0.8
2	☐	1.000		4361614.76		A	3.6
3	☐	1.000		4321950.04		A	1.2
4	☐	1.000		4250274.07		A	4.5
5	☐	1.000		4436923.55		A	1.1
6	☐	1.000		4429744.14		A	0.6
7	☐	1.000		4387099.34		A	1.6
8	☐	1.000		4577110.70		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7546030.79		A	1.7
2	☐	1.000		7618749.75		A	1.6
3	☐	1.000		7517560.86		A	2.0
4	☐	1.000		7533431.00		A	1.9
5	☐	1.000		7477592.04		A	0.3
6	☐	1.000		7578924.33		A	0.8
7	☐	1.000		7311684.34		A	1.5
8	☐	1.000		6716114.48		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3396127.52		A	1.1
2	☐	1.000		3356461.58		A	3.6
3	☐	1.000		3344628.18		A	0.7
4	☐	1.000		3292314.19		A	4.0
5	☐	1.000		3350443.14		A	1.4
6	☐	1.000		3378906.34		A	1.2
7	☐	1.000		3266820.82		A	0.1
8	☐	1.000		3184775.47		A	0.4