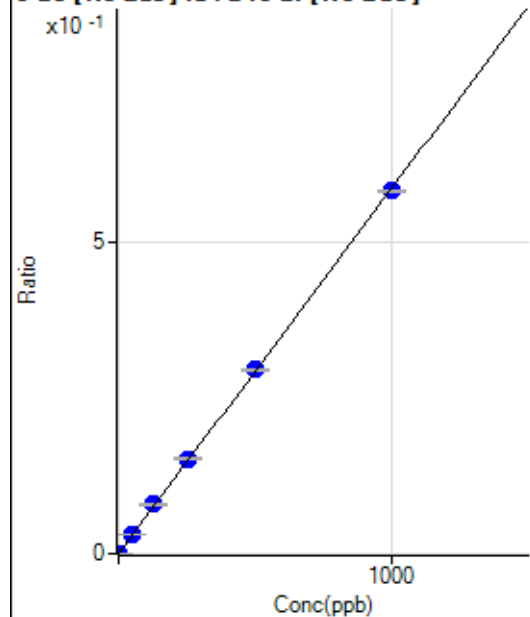


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7052223 MS.b\
Analysis File: P7052223 MS.batch.bin
DA Date-Time: 2023-05-22 19:03:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2023-05-22 12:28:15
2	005CALS.d	S02	2023-05-22 12:34:46
3	006CALS.d	S03	2023-05-22 12:38:02
4	007CALS.d	S04	2023-05-22 12:41:13
5	008CALS.d	S05	2023-05-22 12:44:19
6	009CALS.d	S06	2023-05-22 12:47:15
7	010CALS.d	S07	2023-05-22 12:50:07
8	011CALS.d	S08	2023-05-22 12:52:54

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	20.9
2	☐	1.000	1.104	743.36	0.0007	P	5.8
3	☐	50.000	54.233	34311.14	0.0317	P	2.3
4	☐	125.000	134.339	81573.32	0.0786	P	2.7
5	☐	250.000	258.890	157245.29	0.1514	P	1.8
6	☐	500.000	505.109	302871.86	0.2954	P	0.8
7	☐	1000.000	993.844	579141.59	0.5812	P	0.8
8	☐			371.12	0.0004	P	11.4

$$y = 5.8473\text{E-}004 * x + 3.0407\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03267$$

$$BEC = 0.052$$

Weight: <None>

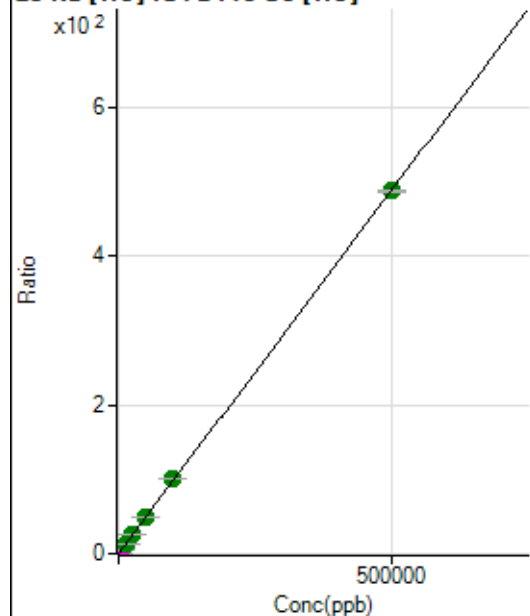
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4592.94	0.0220	P	1.0
2	☐	500.000	500.821	109513.48	0.5107	P	2.6
3	☐	5000.000	5207.029	1066623.64	5.1035	M	1.5
4	☐	12500.000	12946.066	2525337.25	12.6560	A	0.6
5	☐	25000.000	25645.043	4865408.12	25.0488	A	0.5
6	☐	50000.000	51321.153	9657572.70	50.1060	A	0.3
7	☐	100000.00	102438.69	18806227.92	99.9913	A	0.7
8	☐	500000.00	499334.67	84852573.18	487.3199	A	0.3

$$y = 9.7589\text{E-}004 * x + 0.0220$$

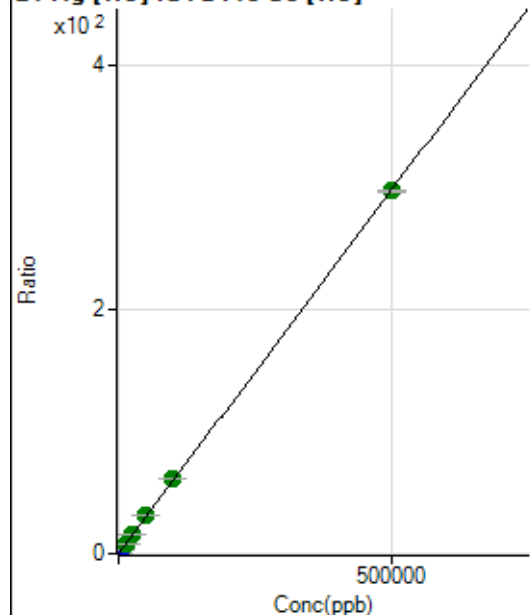
$$R = 1.0000$$

$$DL = 0.7082$$

$$BEC = 22.5$$

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	384.45	0.0018	P	6.4
2	☐	500.000	514.285	66031.83	0.3080	P	3.3
3	☐	5000.000	5418.763	674522.58	3.2274	P	0.1
4	☐	12500.000	13359.699	1587205.34	7.9544	A	0.4
5	☐	25000.000	26693.075	3086683.60	15.8913	A	0.7
6	☐	50000.000	51939.445	5959450.74	30.9196	A	1.2
7	☐	100000.00	103796.68	11621155.38	61.7884	A	0.1
8	☐	500000.00	498936.37	51712769.79	297.0013	A	0.7

$$y = 5.9527\text{E-}004 * x + 0.0018$$

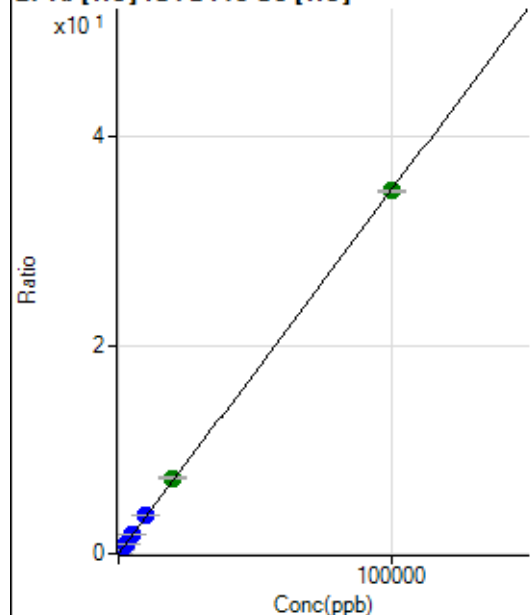
$$R = 1.0000$$

$$DL = 0.5935$$

$$BEC = 3.088$$

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	42.22	0.0002	P	12.1
2	☐	20.000	20.587	1580.10	0.0074	P	10.7
3	☐	1000.000	1076.572	78481.57	0.3755	P	0.9
4	☐	2500.000	2621.316	182386.69	0.9141	P	0.9
5	☐	5000.000	5242.018	355017.19	1.8277	P	0.6
6	☐	10000.000	10480.540	704285.33	3.6540	P	0.3
7	☐	20000.000	20863.434	1368064.37	7.2738	A	0.9
8	☐	100000.00	99763.360	6055919.98	34.7805	A	0.4

$$y = 3.4863\text{E-}004 * x + 2.0187\text{E-}004$$

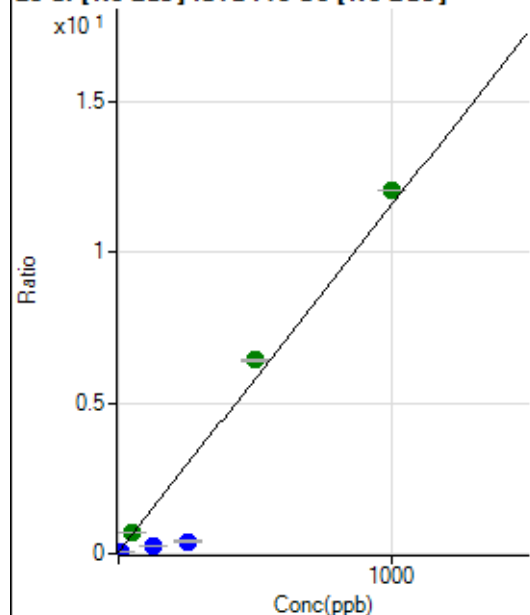
$$R = 1.0000$$

$$DL = 0.21$$

$$BEC = 0.579$$

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	146656.50	0.0592	P	0.7
2	☐	10.000	0.483	164678.52	0.0647	P	3.9
3	☐	50.000	56.084	1767440.98	0.7042	A	2.0
4	☐	125.000	16.008	573874.87	0.2433	P	3.6
5	☐	250.000	29.981	960077.12	0.4040	P	6.4
6	☐	500.000	554.136	15052756.58	6.4321	A	0.9
7	☐	1000.000	1041.352	27538570.42	12.0354	A	0.1
8	☐			664241.53	0.3102	P	10.4

$$y = 0.0115 * x + 0.0592$$

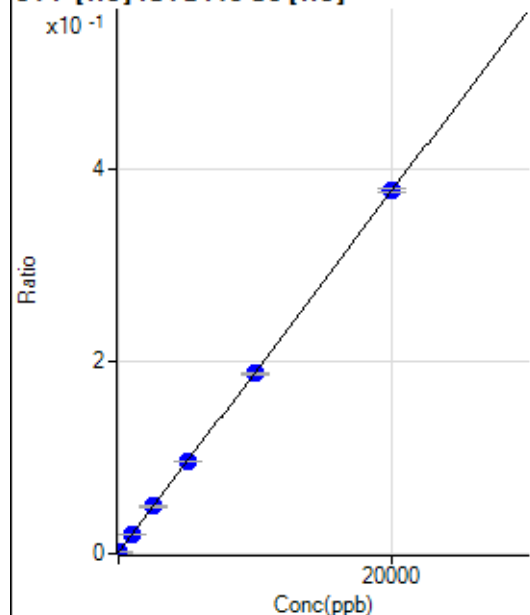
$$R = 0.9734$$

$$DL = 0.1072$$

$$BEC = 5.144$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.554	170.00	0.0008	P	5.3
2	☐	0.000	10.554	260.01	0.0012	P	13.5
3	☐	1000.000	987.319	4085.03	0.0195	P	0.8
4	☐	2500.000	2560.881	9794.33	0.0491	P	1.6
5	☐	5000.000	5076.054	18705.94	0.0963	P	0.9
6	☐	10000.000	9900.501	36016.73	0.1869	P	1.6
7	☐	20000.000	20023.760	70889.87	0.3769	P	0.9
8	☐			197.78	0.0011	P	4.7

$$y = 1.8773E-005 * x + 0.0010$$

$$R = 1.0000$$

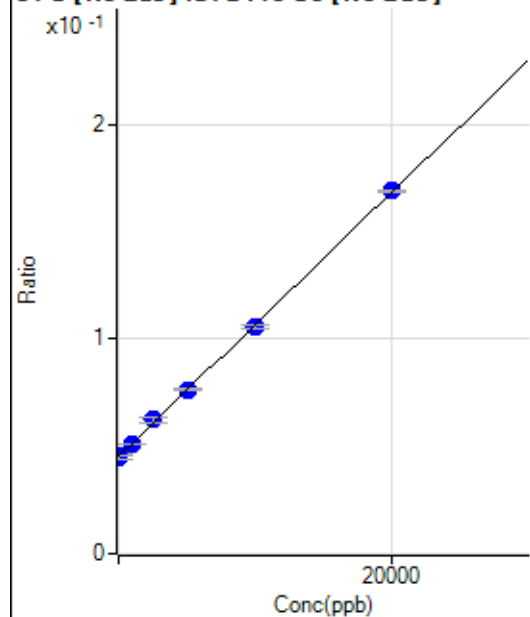
$$DL = 16.48$$

$$BEC = 53.85$$

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	78.386	114086.09	0.0460	P	0.5
2	☐	0.000	-78.386	114644.63	0.0451	P	4.2
3	☐	1000.000	904.037	128253.57	0.0511	P	1.3
4	☐	2500.000	2781.615	147560.24	0.0626	P	4.2
5	☐	5000.000	5046.721	182012.99	0.0765	P	1.2
6	☐	10000.000	9738.116	246571.82	0.1054	P	1.7
7	☐	20000.000	20088.858	386605.92	0.1690	P	0.5
8	☐			97705.33	0.0456	P	3.4

$$y = 6.1437\text{E-}006 * x + 0.0455$$

$$R = 0.9997$$

$$DL = 508.3$$

$$BEC = 7413$$

Weight: <None>

Min Conc: 0

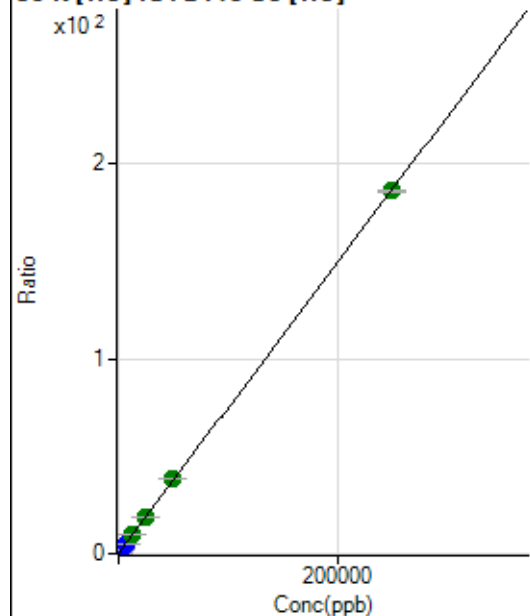
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32121.63	0.1536	P	1.2
2	☐	500.000	530.036	117594.10	0.5485	P	3.3
3	☐	2500.000	2753.437	460813.40	2.2049	P	0.5
4	☐	6250.000	6865.708	1051301.05	5.2686	P	0.2
5	☐	12500.000	12917.023	1899077.37	9.7769	A	0.9
6	☐	25000.000	25450.940	3684249.08	19.1148	A	0.4
7	☐	50000.000	51188.914	7201567.19	38.2899	A	0.1
8	☐	250000.00	249678.28	32415132.85	186.1668	A	0.6

$$y = 7.4501E-004 * x + 0.1536$$

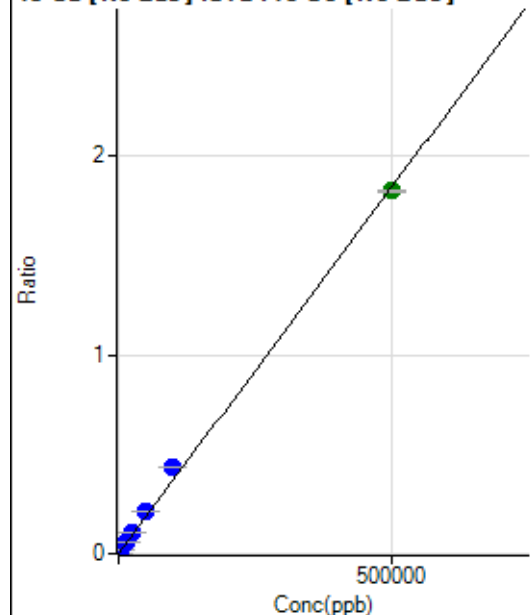
$$R = 1.0000$$

$$DL = 7.142$$

$$BEC = 206.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.89	0.0000	P	17.2
2	☐	500.000	544.173	5195.38	0.0020	P	5.6
3	☐	5000.000	6025.609	55764.12	0.0222	P	1.9
4	☐	12500.000	15316.573	132929.99	0.0564	P	3.2
5	☐	25000.000	29720.713	260178.83	0.1094	P	1.3
6	☐	50000.000	58557.279	504415.16	0.2156	P	1.6
7	☐	100000.00	117449.92	989178.77	0.4323	P	0.6
8	☐	500000.00	495337.53	3907909.32	1.8231	A	0.4

$$y = 3.6805\text{E-}006 * x + 3.9901\text{E-}005$$

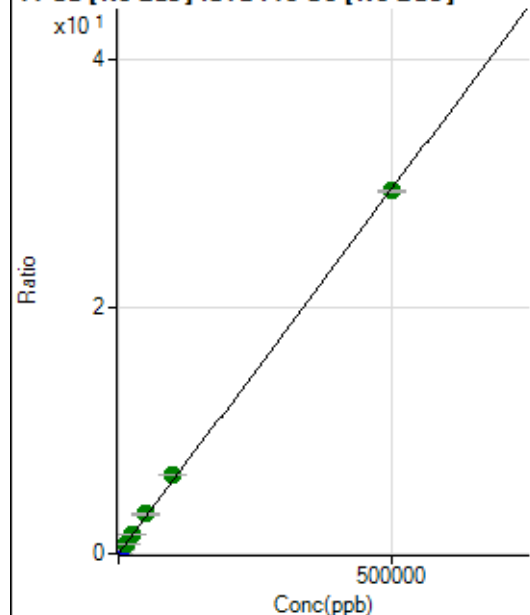
$$R = 0.9993$$

$$DL = 5.583$$

$$BEC = 10.84$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7428.59	0.0030	P	4.2
2	☐	500.000	535.703	88162.87	0.0346	P	3.2
3	☐	5000.000	5757.730	861325.61	0.3431	P	0.6
4	☐	12500.000	14025.854	1959781.12	0.8316	A	2.9
5	☐	25000.000	26914.814	3788012.34	1.5930	A	0.7
6	☐	50000.000	54151.939	7493099.19	3.2021	A	1.9
7	☐	100000.00	108402.47	14660272.56	6.4071	A	0.2
8	☐	500000.00	497762.81	63040624.62	29.4094	A	0.2

$$y = 5.9077\text{E-}005 * x + 0.0030$$

$$R = 0.9998$$

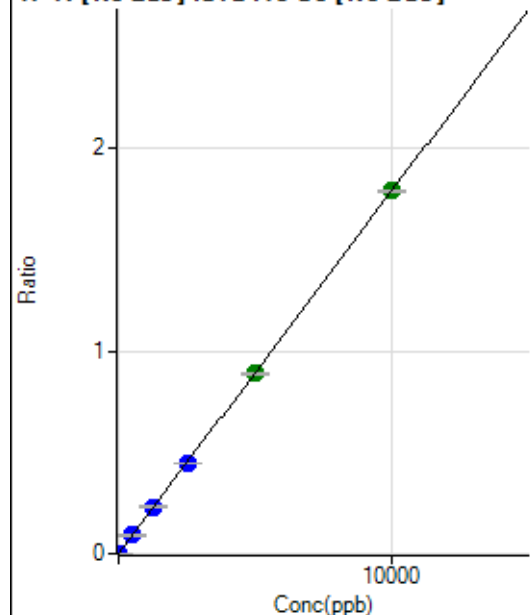
$$DL = 6.374$$

$$BEC = 50.73$$

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	58.89	0.0000	P	34.4
2	☐	5.000	5.028	2349.09	0.0009	P	6.0
3	☐	500.000	504.593	226766.58	0.0903	P	0.7
4	☐	1250.000	1292.662	545278.34	0.2314	P	3.3
5	☐	2500.000	2482.005	1056407.01	0.4443	P	1.1
6	☐	5000.000	4975.739	2084419.74	0.8907	A	1.2
7	☐	10000.000	10011.067	4100209.66	1.7920	A	0.8
8	☐			713.36	0.0003	P	1.1

$$y = 1.7900\text{E-}004 * x + 2.3776\text{E-}005$$

$$R = 1.0000$$

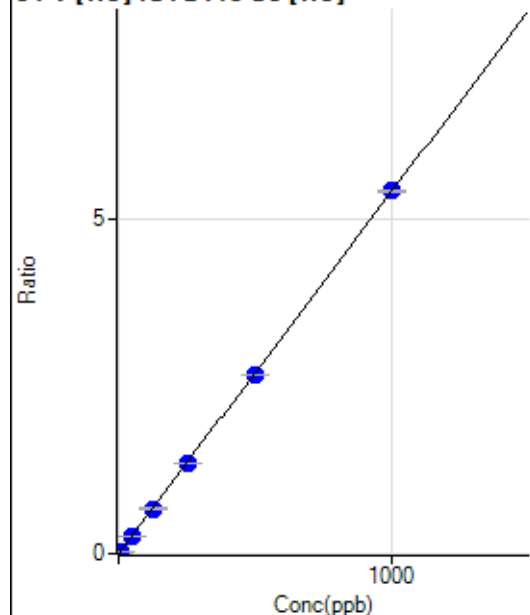
$$DL = 0.137$$

$$BEC = 0.1328$$

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	5.55	0.0000	P	69.4
2	☐	5.000	4.883	5665.56	0.0264	P	2.6
3	☐	50.000	49.979	56451.74	0.2701	P	0.7
4	☐	125.000	124.703	134472.37	0.6739	P	0.4
5	☐	250.000	249.395	261787.45	1.3478	P	0.2
6	☐	500.000	494.775	515351.56	2.6738	P	0.5
7	☐	1000.000	1002.802	1019231.85	5.4192	P	0.4
8	☐			333.34	0.0019	P	5.4

$$y = 0.0054 * x + 2.6553\text{E-}005$$

$$R = 1.0000$$

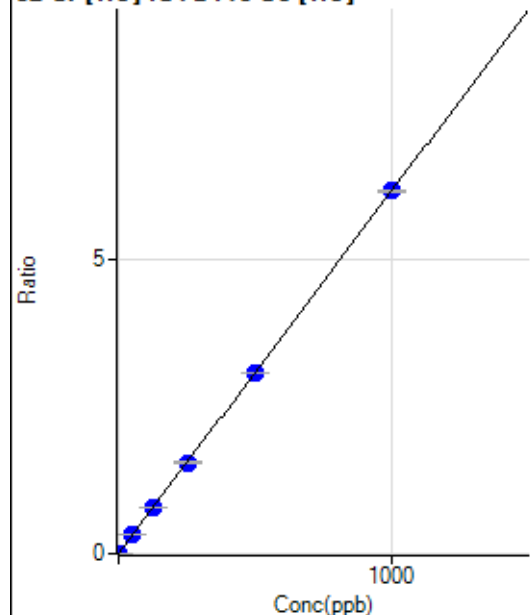
$$DL = 0.01023$$

$$BEC = 0.004914$$

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	580.02	0.0028	P	4.6
2	☐	2.000	2.157	3438.21	0.0160	P	2.4
3	☐	50.000	50.894	65951.02	0.3156	P	0.8
4	☐	125.000	128.491	158127.47	0.7925	P	0.8
5	☐	250.000	251.514	300796.81	1.5486	P	0.5
6	☐	500.000	497.434	589804.46	3.0600	P	0.1
7	☐	1000.000	1000.423	1156944.64	6.1514	P	0.4
8	☐			8502.46	0.0488	P	3.8

$$y = 0.0061 * x + 0.0028$$

$$R = 1.0000$$

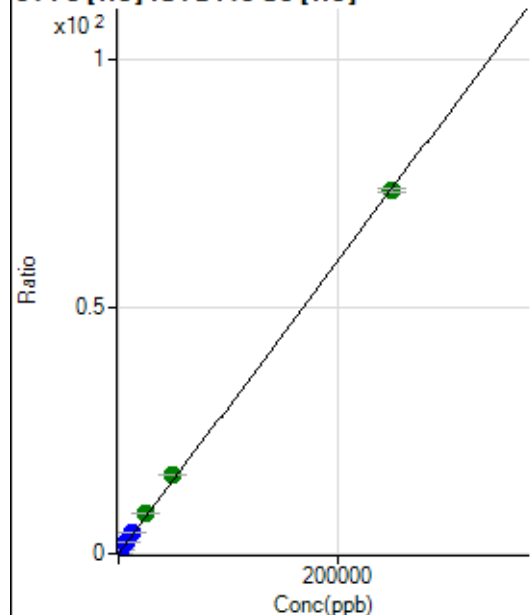
$$DL = 0.06247$$

$$BEC = 0.4512$$

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	1156.73	0.0055	P	7.0
2	☐	50.000	55.167	4680.77	0.0218	P	4.0
3	☐	2500.000	2896.672	180066.65	0.8616	P	0.8
4	☐	6250.000	7249.357	428597.97	2.1480	P	0.4
5	☐	12500.000	14439.117	829940.49	4.2728	P	0.1
6	☐	25000.000	27183.459	1549488.88	8.0392	A	0.8
7	☐	50000.000	54359.530	3022528.95	16.0706	A	0.8
8	☐	250000.00	248783.84	12802682.31	73.5297	A	0.9

$$y = 2.9553E-004 * x + 0.0055$$

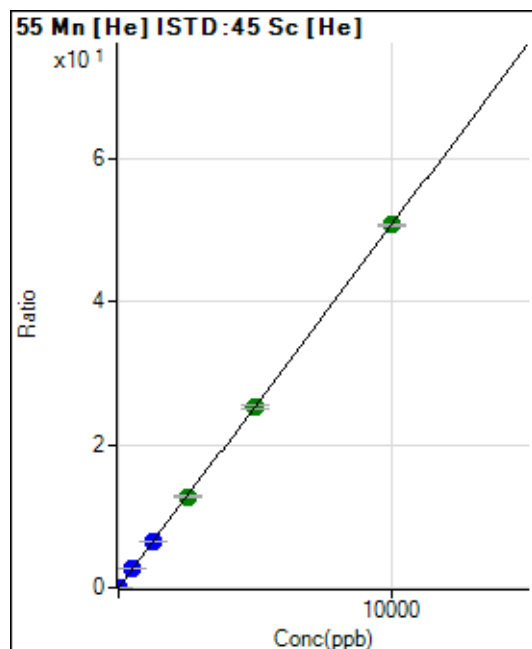
$$R = 0.9998$$

$$DL = 3.939$$

$$BEC = 18.71$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0007	P	9.1
2	☐	1.000	1.029	1263.40	0.0059	P	4.3
3	☐	500.000	517.061	549233.25	2.6280	P	0.5
4	☐	1250.000	1282.847	1300791.13	6.5191	P	0.6
5	☐	2500.000	2515.659	2483006.04	12.7833	A	0.2
6	☐	5000.000	4983.696	4880867.91	25.3239	A	1.2
7	☐	10000.000	9999.278	9556113.54	50.8092	A	0.4
8	☐			4748.57	0.0273	P	0.3

$$y = 0.0051 * x + 6.6404E-004$$

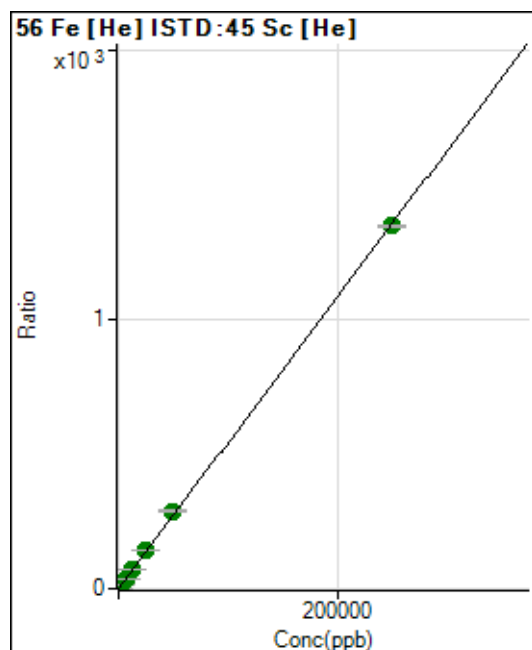
$$R = 1.0000$$

$$DL = 0.03567$$

$$BEC = 0.1307$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9295.17	0.0444	P	1.5
2	☐	50.000	56.003	74515.34	0.3475	P	2.3
3	☐	2500.000	2734.594	3101863.67	14.8416	A	0.4
4	☐	6250.000	6825.850	7378802.53	36.9798	A	0.9
5	☐	12500.000	13670.799	14377321.73	74.0184	A	0.9
6	☐	25000.000	26797.797	27957893.75	145.0499	A	0.4
7	☐	50000.000	53391.349	54346439.19	288.9501	A	0.6
8	☐	250000.00	249066.66	234669947.6	1,347.767	A	0.8

$$y = 0.0054 * x + 0.0444$$

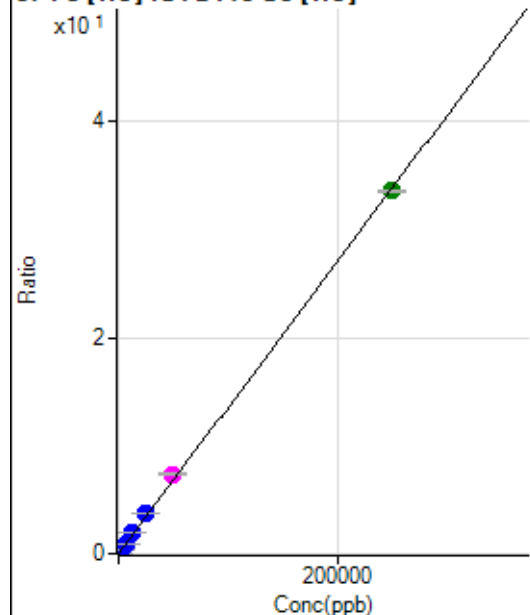
$$R = 0.9999$$

$$DL = 0.3731$$

$$BEC = 8.213$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	288.89	0.0014	P	9.6
2	☐	50.000	58.139	1975.71	0.0092	P	8.6
3	☐	2500.000	2825.208	79934.34	0.3825	P	0.1
4	☐	6250.000	7132.605	192247.06	0.9635	P	0.9
5	☐	12500.000	14277.453	374346.02	1.9272	P	0.3
6	☐	25000.000	27754.024	721834.07	3.7451	P	0.5
7	☐	50000.000	54287.148	1377554.84	7.3241	M	1.7
8	☐	250000.00	248752.97	5842453.32	33.5551	A	0.9

$$y = 1.3489\text{E-}004 * x + 0.0014$$

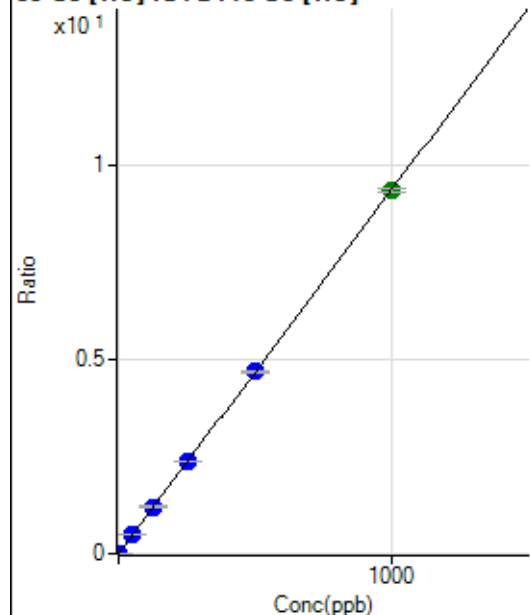
$$R = 0.9998$$

$$DL = 2.962$$

$$BEC = 10.24$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0001	P	28.6
2	☐	1.000	0.997	2026.82	0.0094	P	1.7
3	☐	50.000	51.975	101726.02	0.4867	P	0.3
4	☐	125.000	129.149	241294.23	1.2093	P	0.7
5	☐	250.000	255.327	464353.34	2.3906	P	0.1
6	☐	500.000	500.940	904002.64	4.6902	P	0.6
7	☐	1000.000	997.581	1756675.96	9.3401	A	1.0
8	☐			1944.59	0.0112	P	6.4

$$y = 0.0094 * x + 1.1157\text{E-}004$$

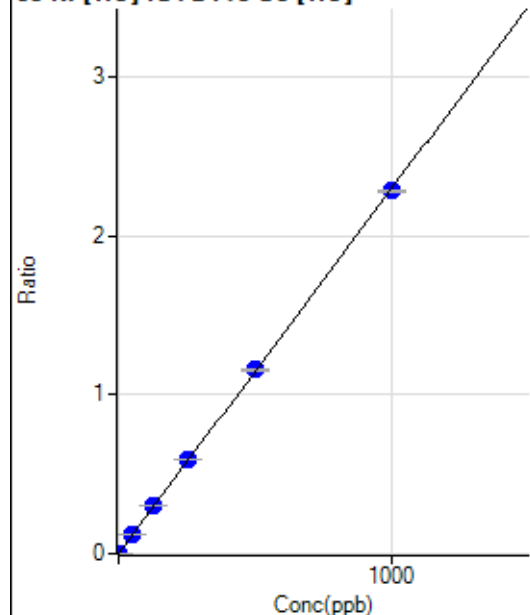
$$R = 1.0000$$

$$DL = 0.01024$$

$$BEC = 0.01192$$

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	121.11	0.0006	P	6.8
2	☐	1.000	1.276	750.03	0.0035	P	17.8
3	☐	50.000	52.672	25391.51	0.1215	P	1.2
4	☐	125.000	130.311	59807.52	0.2997	P	0.5
5	☐	250.000	259.770	115944.60	0.5969	P	0.5
6	☐	500.000	504.591	223370.06	1.1589	P	0.9
7	☐	1000.000	994.464	429472.69	2.2835	P	0.7
8	☐			1458.97	0.0084	P	3.7

$$y = 0.0023 * x + 5.7900E-004$$

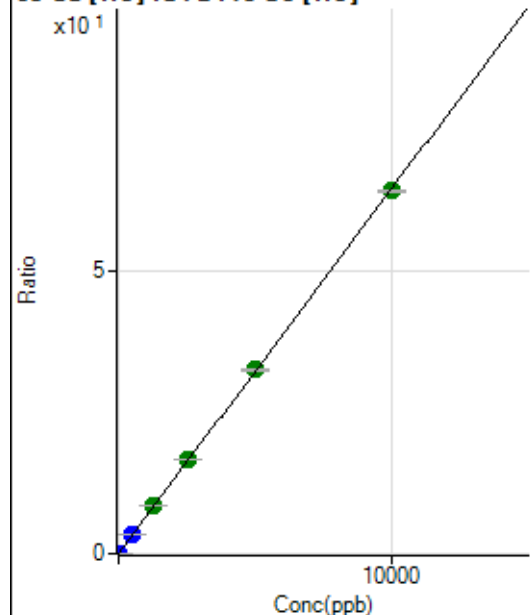
$$R = 0.9999$$

$$DL = 0.05157$$

$$BEC = 0.2522$$

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	505.57	0.0024	P	14.0
2	☐	2.000	2.106	3430.42	0.0160	P	5.4
3	☐	500.000	524.007	707060.91	3.3831	P	0.5
4	☐	1250.000	1316.706	1695508.48	8.4974	A	1.0
5	☐	2500.000	2585.276	3240265.72	16.6818	A	0.4
6	☐	5000.000	5044.370	6273220.81	32.5471	A	0.4
7	☐	10000.000	9946.957	12070260.79	64.1771	A	0.8
8	☐			2187.96	0.0126	P	2.4

$$y = 0.0065 * x + 0.0024$$

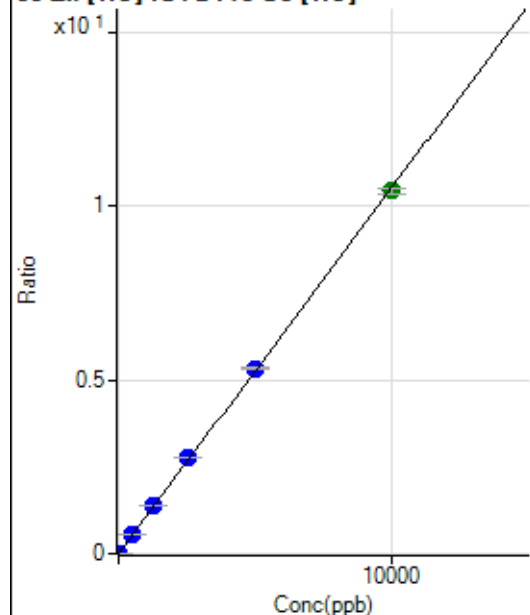
$$R = 0.9999$$

$$DL = 0.157$$

$$BEC = 0.3747$$

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	107.78	0.0005	P	1.6
2	☐	2.000	2.147	595.57	0.0028	P	5.1
3	☐	500.000	527.685	116200.59	0.5560	P	0.7
4	☐	1250.000	1322.744	277944.83	1.3929	P	0.4
5	☐	2500.000	2626.864	537217.15	2.7658	P	0.2
6	☐	5000.000	5068.266	1028418.34	5.3358	P	0.7
7	☐	10000.000	9923.674	1964826.93	10.4470	A	1.8
8	☐			9053.93	0.0520	P	1.5

$$y = 0.0011 * x + 5.1528E-004$$

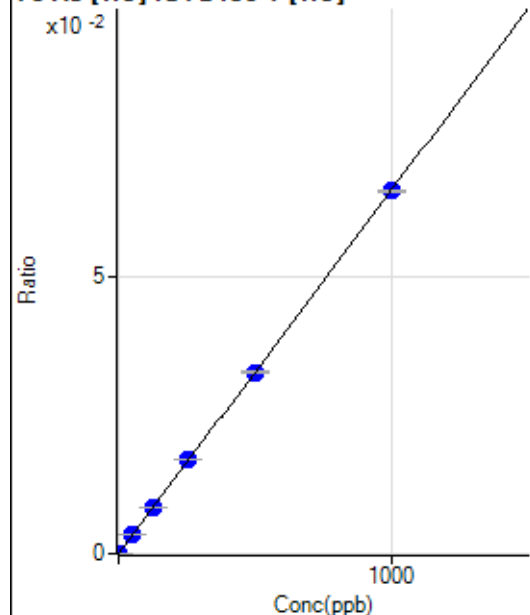
$$R = 0.9999$$

$$DL = 0.02422$$

$$BEC = 0.4895$$

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	4.44	0.0000	P	173.
2	☐	1.000	1.083	172.23	0.0001	P	13.6
3	☐	50.000	51.795	7759.86	0.0034	P	2.5
4	☐	125.000	128.648	18616.20	0.0084	P	0.2
5	☐	250.000	257.996	36403.43	0.0169	P	1.1
6	☐	500.000	499.095	70519.57	0.0328	P	1.1
7	☐	1000.000	997.908	138426.89	0.0655	P	0.7
8	☐			43.33	0.0000	P	15.6

$$y = 6.5649E-005 * x + 1.9630E-006$$

$$R = 1.0000$$

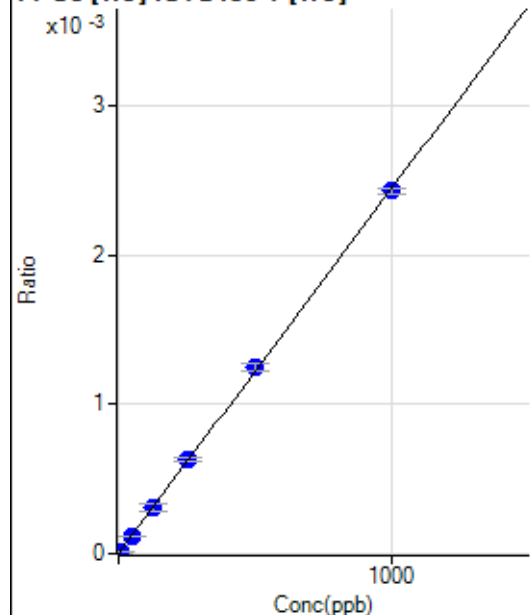
$$DL = 0.1554$$

$$BEC = 0.0299$$

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	3.33	0.0000	P	173.
2	☐	5.000	4.442	28.89	0.0000	P	34.7
3	☐	50.000	46.859	264.45	0.0001	P	8.2
4	☐	125.000	125.972	681.14	0.0003	P	16.8
5	☐	250.000	256.465	1350.07	0.0006	P	3.7
6	☐	500.000	508.793	2679.16	0.0012	P	4.1
7	☐	1000.000	994.026	5135.38	0.0024	P	1.8
8	☐			0.00	0.0000	P	

$$y = 2.4434\text{E-}006 * x + 1.4448\text{E-}006$$

$$R = 0.9999$$

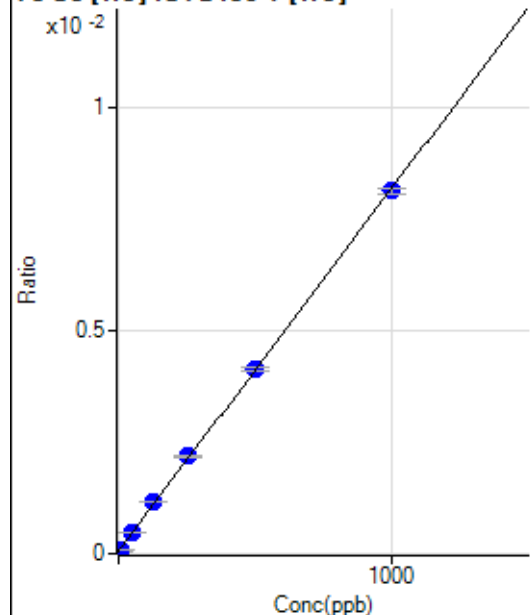
$$DL = 3.073$$

$$BEC = 0.5913$$

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	140.00	0.0001	P	22.2
2	☐	5.000	4.457	228.89	0.0001	P	17.0
3	☐	50.000	51.153	1085.61	0.0005	P	1.5
4	☐	125.000	136.003	2565.80	0.0012	P	0.8
5	☐	250.000	261.366	4687.44	0.0022	P	0.7
6	☐	500.000	503.788	8927.20	0.0041	P	2.4
7	☐	1000.000	993.834	17164.47	0.0081	P	1.4
8	☐			125.56	0.0001	P	15.1

$$y = 8.1120\text{E-}006 * x + 6.1035\text{E-}005$$

$$R = 0.9999$$

$$DL = 5.018$$

$$BEC = 7.524$$

Weight: <None>

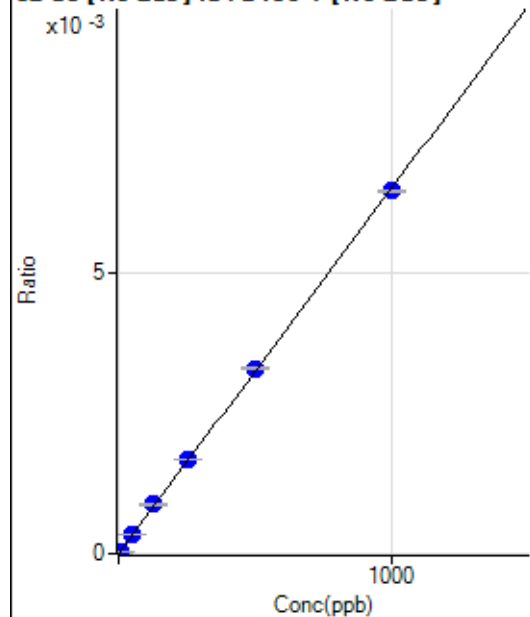
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34101.71		P	1.2
2	☐			34512.55		P	1.7
3	☐			33369.88		P	1.7
4	☐			32736.36		P	2.2
5	☐			31650.67		P	1.8
6	☐			30276.71		P	1.5
7	☐			30246.56		P	1.4
8	☐			28867.15		P	1.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	12.4
2	☐			50.00		P	24.0
3	☐			38.89		P	13.1
4	☐			44.45		P	24.1
5	☐			47.78		P	4.0
6	☐			32.22		P	43.1
7	☐			45.56		P	11.2
8	☐			38.89		P	50.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.72	0.0000	P	169.
2	☐	5.000	5.126	314.82	0.0000	P	3.9
3	☐	50.000	53.192	3135.99	0.0003	P	3.0
4	☐	125.000	134.954	7496.17	0.0009	P	3.7
5	☐	250.000	259.075	14469.51	0.0017	P	0.3
6	☐	500.000	506.090	27944.85	0.0033	P	0.8
7	☐	1000.000	993.282	54234.98	0.0064	P	0.6
8	☐			135.85	0.0000	P	24.0

$$y = 6.4830E-006 * x + 9.8517E-007$$

$$R = 0.9999$$

$$DL = 0.7745$$

$$BEC = 0.152$$

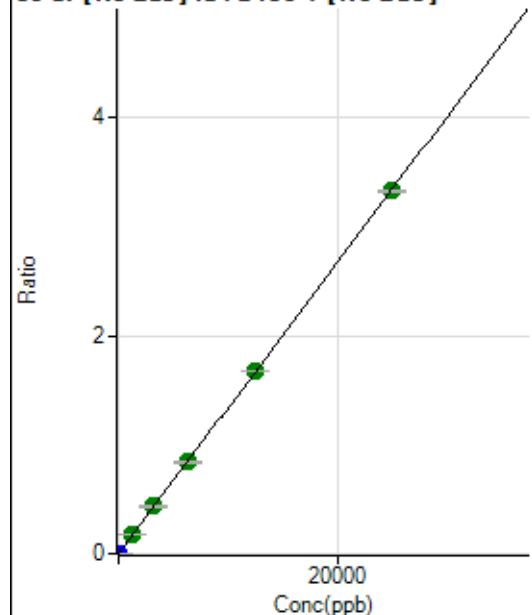
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	16.7
2	☐			55.55		P	12.5
3	☐			57.78		P	37.5
4	☐			44.44		P	53.2
5	☐			57.78		P	37.1
6	☐			58.89		P	18.2
7	☐			58.89		P	25.5
8	☐			63.33		P	55.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	4.9
2	☐	1.000	0.925	1275.63	0.0001	P	5.8
3	☐	1250.000	1262.581	1528765.92	0.1686	A	0.5
4	☐	3125.000	3253.455	3718010.92	0.4344	A	3.4
5	☐	6250.000	6292.212	7233519.61	0.8401	A	0.4
6	☐	12500.000	12547.610	14265051.73	1.6753	A	0.6
7	☐	25000.000	24948.956	28052015.42	3.3312	A	0.7
8	☐			7607.73	0.0010	P	6.9

$$y = 1.3352\text{E-}004 * x + 1.5137\text{E-}005$$

$$R = 1.0000$$

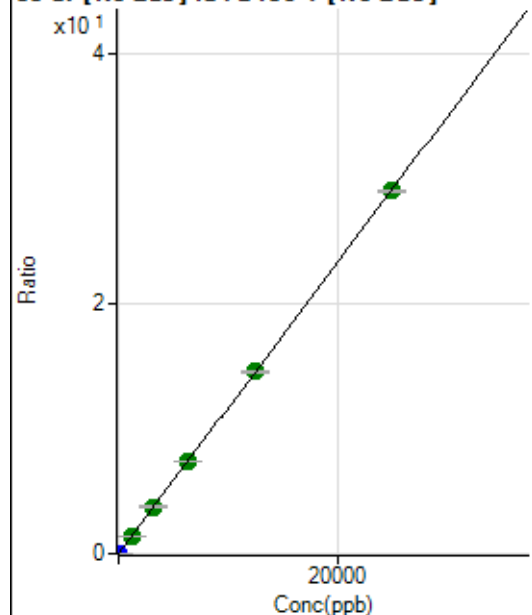
$$DL = 0.01679$$

$$BEC = 0.1134$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0000	P	20.2
2	☐	1.000	0.976	10646.16	0.0012	P	2.8
3	☐	1250.000	1253.187	13226751.89	1.4587	A	0.4
4	☐	3125.000	3239.101	32267249.80	3.7701	A	3.3
5	☐	6250.000	6314.649	63281703.50	7.3499	A	0.8
6	☐	12500.000	12518.180	124062228.1	14.5704	A	0.6
7	☐	25000.000	24960.326	244653258.5	29.0523	A	0.6
8	☐			65787.41	0.0085	P	1.7

$$y = 0.0012 * x + 2.1622\text{E-}005$$

$$R = 1.0000$$

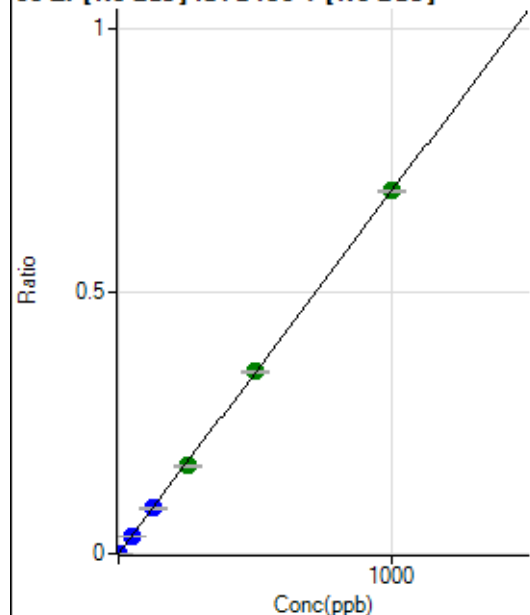
$$DL = 0.01123$$

$$BEC = 0.01858$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.34	0.0000	P	9.8
2	☐	1.000	0.877	5867.90	0.0006	P	8.2
3	☐	50.000	49.685	311832.22	0.0344	P	0.1
4	☐	125.000	125.796	744819.12	0.0870	P	3.1
5	☐	250.000	242.084	1441590.43	0.1674	A	1.0
6	☐	500.000	501.841	2955167.60	0.3471	A	1.7
7	☐	1000.000	1000.975	5829256.93	0.6922	A	0.7
8	☐			1401.19	0.0002	P	7.0

$$y = 6.9151\text{E-}004 * x + 3.1643\text{E-}005$$

$$R = 1.0000$$

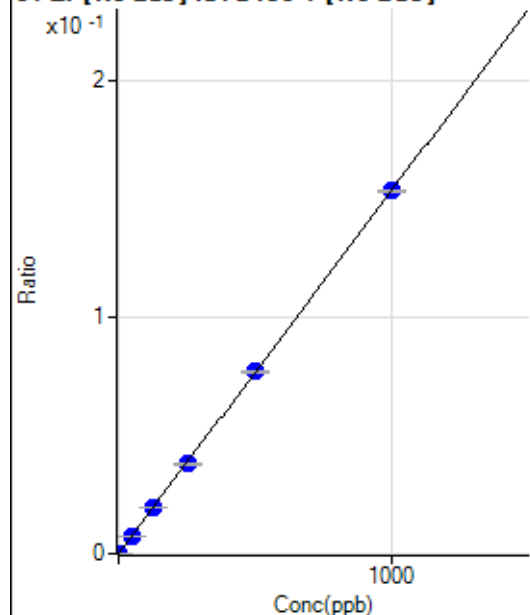
$$DL = 0.01347$$

$$BEC = 0.04576$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	11.6
2	☐	1.000	0.875	1280.07	0.0001	P	4.8
3	☐	50.000	49.924	69580.47	0.0077	P	1.5
4	☐	125.000	126.742	166676.23	0.0195	P	3.2
5	☐	250.000	246.579	326166.48	0.0379	P	0.4
6	☐	500.000	502.004	656650.68	0.0771	P	0.6
7	☐	1000.000	999.640	1293175.64	0.1536	P	0.5
8	☐			304.45	0.0000	P	9.6

$$y = 1.5362\text{E-}004 * x + 4.7143\text{E-}006$$

$$R = 1.0000$$

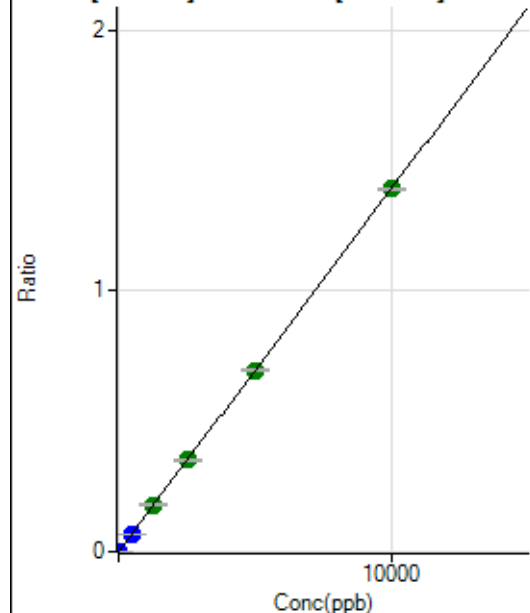
$$DL = 0.01066$$

$$BEC = 0.03069$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0000	P	18.0
2	☐	5.000	5.561	7210.73	0.0008	P	4.3
3	☐	500.000	500.562	631628.05	0.0697	P	0.7
4	☐	1250.000	1292.018	1538324.78	0.1798	A	4.6
5	☐	2500.000	2521.536	3020870.41	0.3509	A	0.8
6	☐	5000.000	4995.647	5918576.37	0.6951	A	1.4
7	☐	10000.000	9991.512	11707164.41	1.3902	A	0.5
8	☐			2786.96	0.0004	P	9.5

$$y = 1.3914\text{E-}004 * x + 1.0186\text{E-}005$$

$$R = 1.0000$$

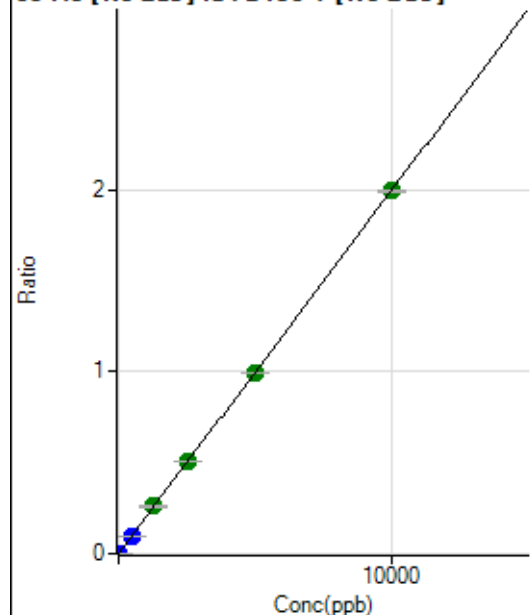
$$DL = 0.03946$$

$$BEC = 0.07321$$

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	36.67	0.0000	P	18.7
2	☐	5.000	4.828	8893.89	0.0010	P	4.5
3	☐	500.000	501.237	906326.87	0.1000	P	0.7
4	☐	1250.000	1310.942	2237470.85	0.2614	A	3.0
5	☐	2500.000	2546.218	4371529.80	0.5077	A	0.2
6	☐	5000.000	4979.188	8454136.68	0.9929	A	0.7
7	☐	10000.000	9991.172	16777519.61	1.9923	A	0.7
8	☐			3123.70	0.0004	P	7.4

$$y = 1.9941\text{E-}004 * x + 4.0978\text{E-}006$$

$$R = 1.0000$$

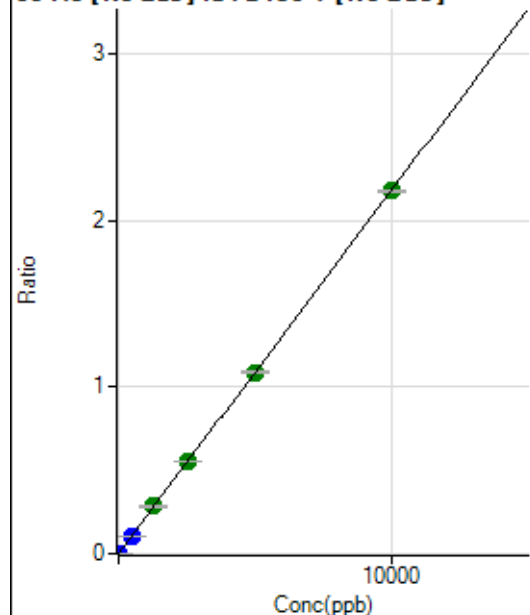
$$DL = 0.01153$$

$$BEC = 0.02055$$

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	63.33	0.0000	P	14.2
2	☐	5.000	4.794	9692.18	0.0011	P	4.7
3	☐	500.000	500.516	990817.94	0.1093	P	0.6
4	☐	1250.000	1308.814	2445125.36	0.2857	A	4.0
5	☐	2500.000	2539.599	4773397.29	0.5544	A	0.7
6	☐	5000.000	4995.458	9285586.67	1.0905	A	0.3
7	☐	10000.000	9984.994	18355771.53	2.1798	A	0.5
8	☐			11594.71	0.0015	P	2.7

$$y = 2.1830\text{E-}004 * x + 7.0762\text{E-}006$$

$$R = 1.0000$$

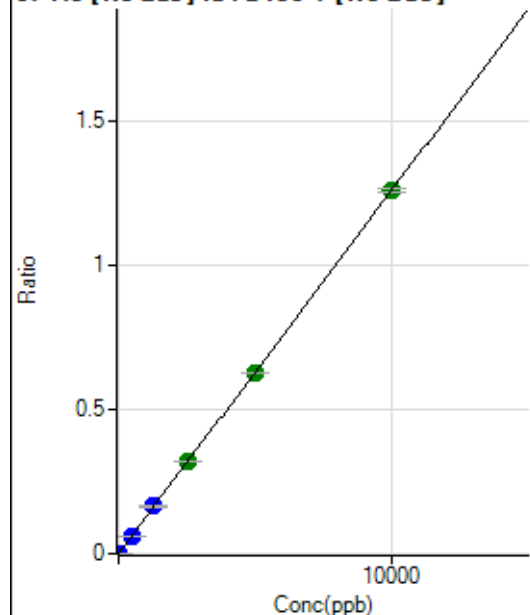
$$DL = 0.01379$$

$$BEC = 0.03241$$

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	12.22	0.0000	P	55.8
2	☐	5.000	4.846	5626.68	0.0006	P	0.9
3	☐	500.000	501.366	572207.46	0.0631	P	0.7
4	☐	1250.000	1301.727	1402345.00	0.1638	P	3.0
5	☐	2500.000	2536.960	2749223.33	0.3193	A	0.7
6	☐	5000.000	4983.806	5341104.78	0.6273	A	0.3
7	☐	10000.000	9992.323	10590674.29	1.2577	A	1.1
8	☐			2099.07	0.0003	P	2.9

$$y = 1.2586\text{E-}004 * x + 1.3604\text{E-}006$$

$$R = 1.0000$$

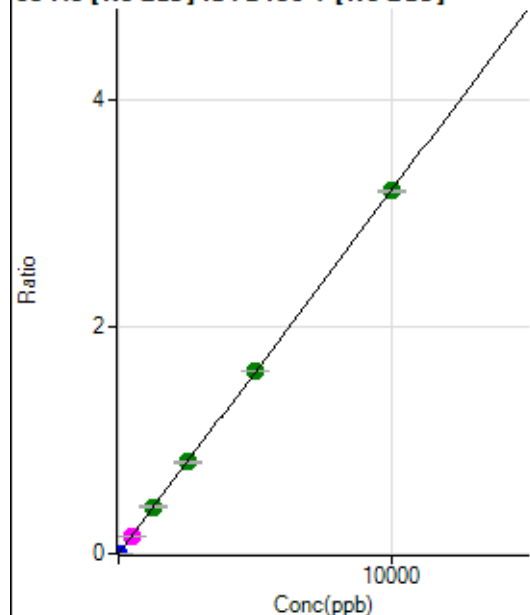
$$DL = 0.0181$$

$$BEC = 0.01081$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	14.0
2	☐	5.000	4.722	13970.13	0.0015	P	2.3
3	☐	500.000	501.138	1457365.02	0.1607	M	0.4
4	☐	1250.000	1295.602	3556575.02	0.4155	A	3.0
5	☐	2500.000	2520.660	6959886.63	0.8084	A	1.3
6	☐	5000.000	5007.752	13674336.88	1.6060	A	0.2
7	☐	10000.000	9985.202	26965794.32	3.2022	A	0.4
8	☐			4864.19	0.0006	P	6.8

$$y = 3.2070\text{E-}004 * x + 3.8447\text{E-}006$$

$$R = 1.0000$$

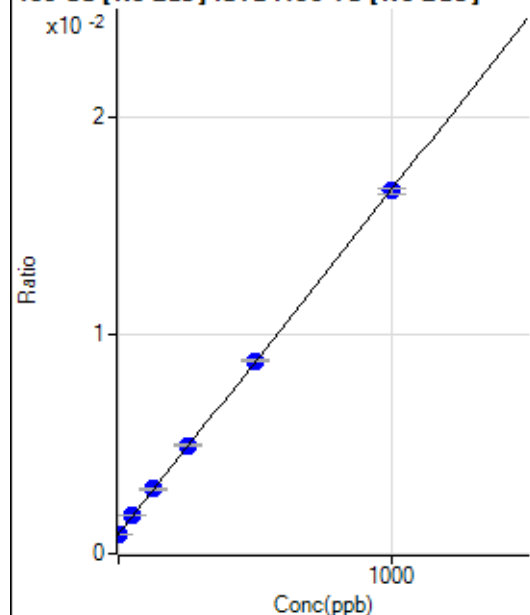
$$DL = 0.005046$$

$$BEC = 0.01199$$

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	5577.80	0.0009	P	1.4
2	☐	1.000	-1.016	5591.13	0.0009	P	0.8
3	☐	50.000	52.881	10886.37	0.0017	P	1.0
4	☐	125.000	129.804	17707.54	0.0030	P	1.8
5	☐	250.000	257.375	30239.27	0.0050	P	0.7
6	☐	500.000	502.134	53618.38	0.0088	P	0.7
7	☐	1000.000	996.347	99014.23	0.0166	P	1.8
8	☐			4541.87	0.0008	P	3.0

$$y = 1.5763\text{E-}005 * x + 9.0856\text{E-}004$$

$$R = 1.0000$$

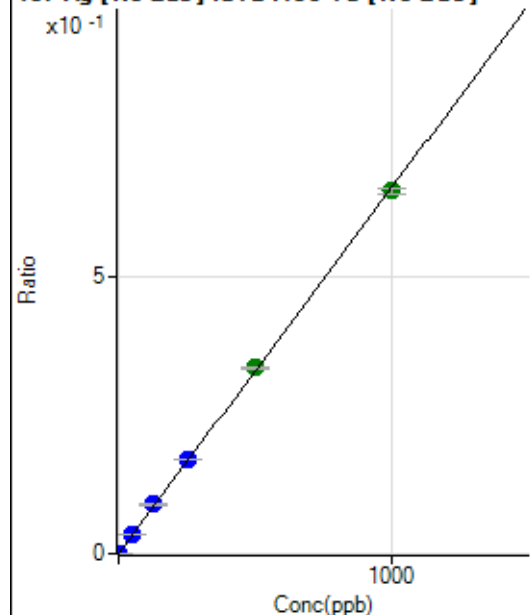
$$DL = 2.394$$

$$BEC = 57.64$$

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	67.78	0.0000	P	6.7
2	☐	1.000	1.076	4509.63	0.0007	P	7.2
3	☐	50.000	54.159	223340.18	0.0357	P	1.7
4	☐	125.000	136.061	537813.78	0.0898	P	3.6
5	☐	250.000	258.299	1037851.98	0.1704	P	0.1
6	☐	500.000	508.457	2038491.72	0.3355	A	0.7
7	☐	1000.000	992.106	3900904.11	0.6546	A	1.7
8	☐			1830.13	0.0003	P	4.1

$$y = 6.5977\text{E-}004 * x + 1.1036\text{E-}005$$

$$R = 0.9999$$

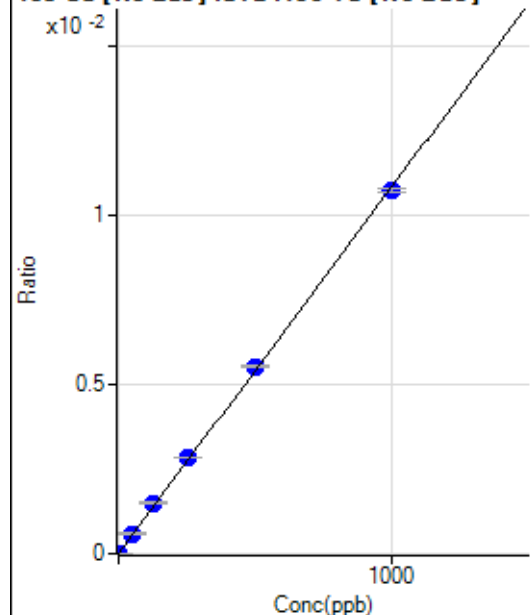
$$DL = 0.003382$$

$$BEC = 0.01673$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	32.6
2	☐	1.000	1.043	81.11	0.0000	P	29.1
3	☐	50.000	54.880	3723.84	0.0006	P	3.3
4	☐	125.000	137.962	8958.40	0.0015	P	5.4
5	☐	250.000	261.430	17253.68	0.0028	P	0.8
6	☐	500.000	510.264	33593.33	0.0055	P	0.9
7	☐	1000.000	990.146	63925.39	0.0107	P	1.2
8	☐			35.56	0.0000	P	32.3

$$y = 1.0831\text{E-}005 * x + 1.6257\text{E-}006$$

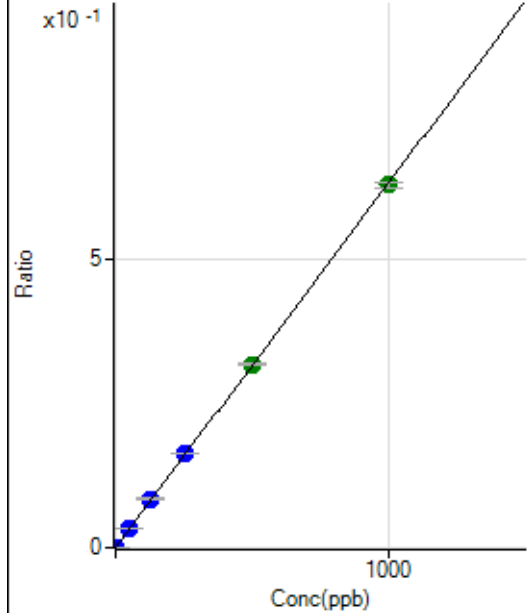
$$R = 0.9998$$

$$DL = 0.1466$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	43.4
2	☐	1.000	1.046	4152.86	0.0007	P	3.7
3	☐	50.000	53.832	212388.76	0.0340	P	1.5
4	☐	125.000	134.362	508054.83	0.0848	P	4.7
5	☐	250.000	256.637	986714.54	0.1620	P	0.3
6	☐	500.000	503.528	1931779.14	0.3179	A	0.2
7	☐	1000.000	995.215	3744645.40	0.6283	A	1.3
8	☐			1650.11	0.0003	P	1.0

$$y = 6.3135\text{E-}004 * x + 3.2509\text{E-}006$$

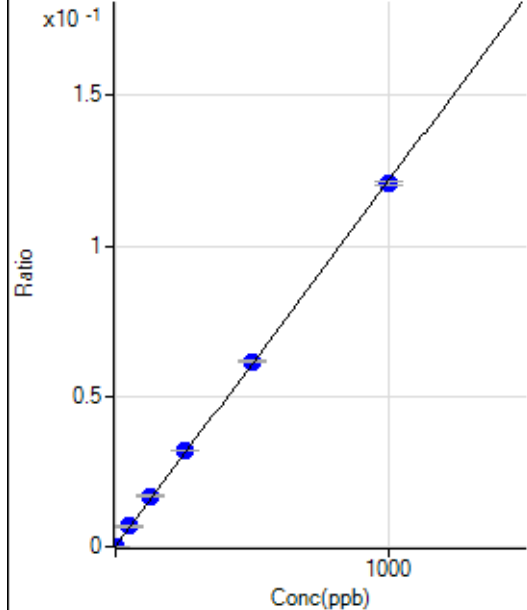
$$R = 0.9999$$

$$DL = 0.006706$$

$$BEC = 0.005149$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	558.56	0.0001	P	1.9
2	☐	1.000	1.107	1411.27	0.0002	P	3.8
3	☐	50.000	54.511	41982.61	0.0067	P	1.3
4	☐	125.000	136.632	100024.55	0.0167	P	4.3
5	☐	250.000	263.930	195925.04	0.0322	P	0.5
6	☐	500.000	505.913	374231.01	0.0616	P	0.9
7	☐	1000.000	991.881	719103.92	0.1207	P	1.2
8	☐			684.86	0.0001	P	3.7

$$y = 1.2156\text{E-}004 * x + 9.0984\text{E-}005$$

$$R = 0.9998$$

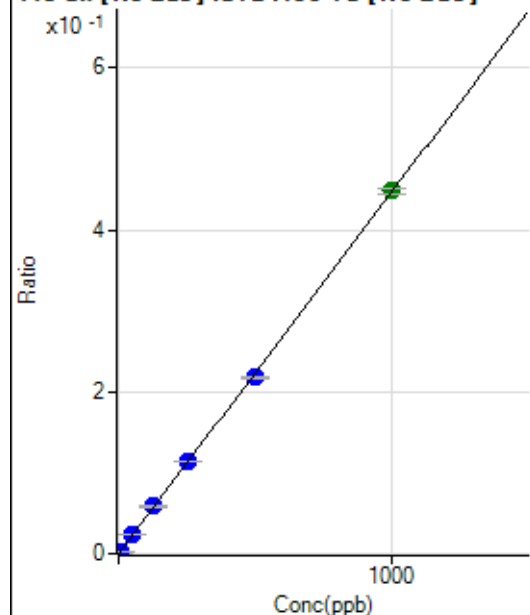
$$DL = 0.04255$$

$$BEC = 0.7485$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	484.46	0.0001	P	9.8
2	☐	5.000	4.965	14361.68	0.0023	P	4.9
3	☐	50.000	51.459	144069.26	0.0231	P	1.3
4	☐	125.000	131.584	352431.43	0.0588	P	3.5
5	☐	250.000	253.884	690806.47	0.1134	P	0.3
6	☐	500.000	488.574	1326052.14	0.2182	P	1.0
7	☐	1000.000	1003.846	2671681.45	0.4483	A	1.9
8	☐			1642.34	0.0003	P	8.2

$$y = 4.4651\text{E-}004 * x + 7.8921\text{E-}005$$

$$R = 0.9999$$

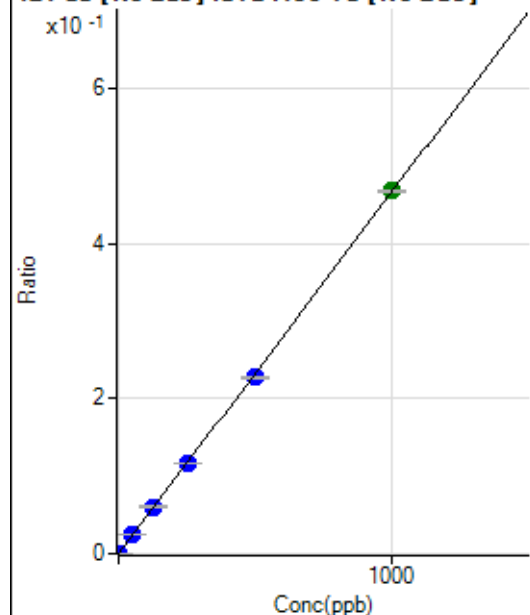
$$DL = 0.052$$

$$BEC = 0.1768$$

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	14.44	0.0000	P	34.5
2	☐	2.000	1.999	5849.02	0.0009	P	4.4
3	☐	50.000	50.907	148390.56	0.0237	P	1.0
4	☐	125.000	129.340	361378.67	0.0603	P	3.8
5	☐	250.000	249.900	709824.03	0.1166	P	0.5
6	☐	500.000	489.741	1388031.15	0.2284	P	1.1
7	☐	1000.000	1004.567	2792609.89	0.4686	A	0.5
8	☐			1574.55	0.0003	P	5.3

$$y = 4.6643\text{E-}004 * x + 2.3483\text{E-}006$$

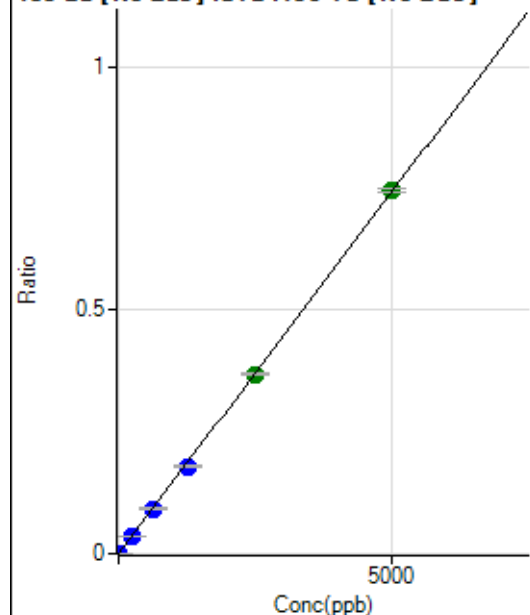
$$R = 0.9999$$

$$DL = 0.005215$$

$$BEC = 0.005035$$

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	6.67	0.0000	P	49.9
2	☐	10.000	9.447	8771.67	0.0014	P	5.2
3	☐	250.000	245.505	227534.97	0.0364	P	1.3
4	☐	625.000	624.665	554952.16	0.0926	P	4.0
5	☐	1250.000	1210.422	1093239.30	0.1795	P	0.1
6	☐	2500.000	2479.841	2234885.82	0.3678	A	0.9
7	☐	5000.000	5020.241	4437581.32	0.7446	A	0.9
8	☐			2530.25	0.0005	P	0.9

$$y = 1.4832\text{E-}004 * x + 1.0864\text{E-}006$$

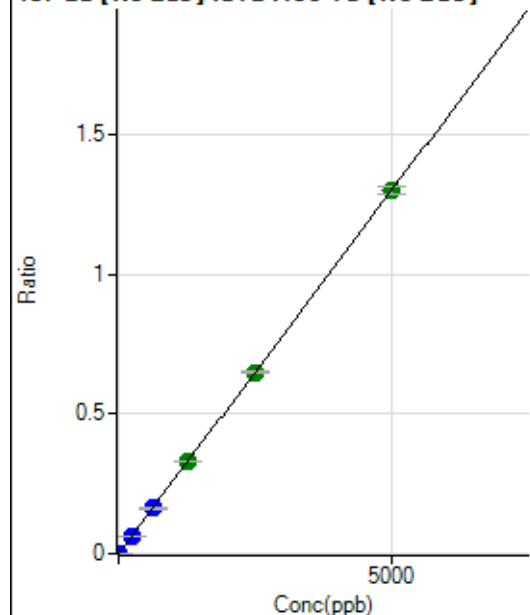
$$R = 1.0000$$

$$DL = 0.01096$$

$$BEC = 0.007325$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	72.0
2	☐	10.000	9.611	15630.91	0.0025	P	6.1
3	☐	250.000	245.087	397682.83	0.0636	P	1.8
4	☐	625.000	627.493	976122.91	0.1629	P	3.5
5	☐	1250.000	1265.912	2001820.21	0.3287	A	0.2
6	☐	2500.000	2498.591	3942409.45	0.6488	A	1.3
7	☐	5000.000	4996.661	7732137.11	1.2975	A	2.2
8	☐			4625.24	0.0008	P	2.0

$$y = 2.5967\text{E-}004 * x + 3.4536\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02872$$

$$BEC = 0.0133$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.56		P	34.7
3	☐			62.22		P	18.8
4	☐			117.78		P	3.3
5	☐			234.45		P	13.5
6	☐			518.90		P	6.2
7	☐			1040.05		P	10.1
8	☐			25.56		P	39.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			1.11		P	173.
3	☐			16.67		P	20.0
4	☐			25.56		P	45.8
5	☐			48.89		P	17.2
6	☐			141.12		P	28.2
7	☐			236.67		P	9.2
8	☐			13.33		P	50.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	50.0
3	☐			24.44		P	20.8
4	☐			143.34		P	17.6
5	☐			77.78		P	24.7
6	☐			195.56		P	17.2
7	☐			372.23		P	6.7
8	☐			720.03		P	3.6

156 Dy [He] No available calibration points

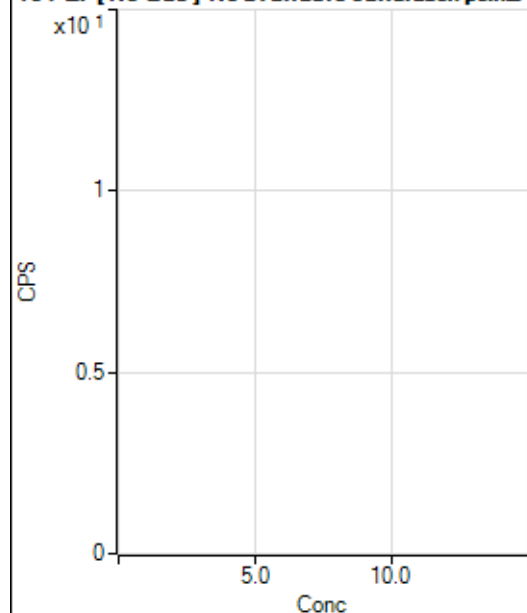
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			6.67		P	50.0
3	☐			22.22		P	37.8
4	☐			91.11		P	24.4
5	☐			74.44		P	29.1
6	☐			173.33		P	13.3
7	☐			301.12		P	3.2
8	☐			478.90		P	15.6

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

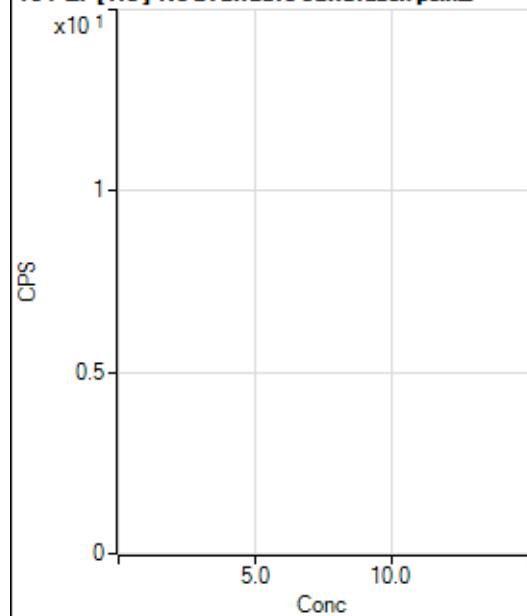
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	28.2
2	☐			30.00		P	40.1
3	☐			52.22		P	3.7
4	☐			76.67		P	39.8
5	☐			90.00		P	9.8
6	☐			140.00		P	8.6
7	☐			236.67		P	7.8
8	☐			785.59		P	5.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			192.22		P	12.5
2	☐			210.01		P	24.0
3	☐			224.45		P	9.5
4	☐			235.56		P	22.9
5	☐			210.00		P	6.9
6	☐			285.56		P	12.9
7	☐			330.01		P	11.6
8	☐			752.25		P	5.3

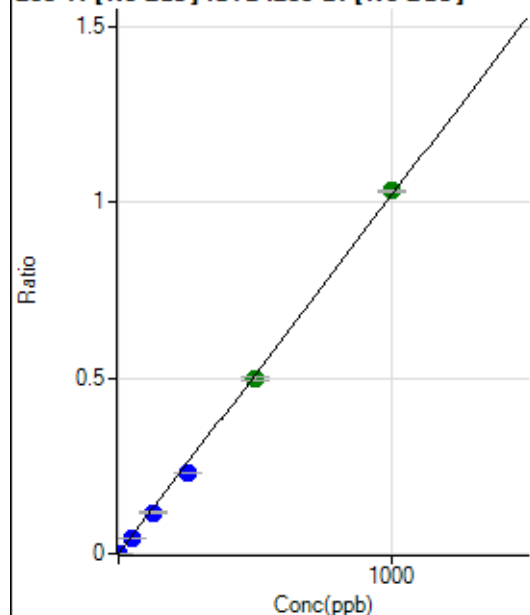
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	22.5
2	☐			52.22		P	29.5
3	☐			47.78		P	40.3
4	☐			36.67		P	9.1
5	☐			54.45		P	7.1
6	☐			80.00		P	4.2
7	☐			101.11		P	10.1
8	☐			75.56		P	26.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	50.8
2	☐			26.67		P	12.5
3	☐			38.89		P	17.8
4	☐			22.22		P	48.2
5	☐			36.67		P	36.4
6	☐			48.89		P	21.9
7	☐			66.66		P	8.7
8	☐			57.78		P	35.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0000	P	13.8
2	☐	1.000	0.889	3797.23	0.0009	P	1.6
3	☐	50.000	45.256	187854.47	0.0462	P	1.3
4	☐	125.000	114.971	459991.28	0.1174	P	4.0
5	☐	250.000	227.113	917264.40	0.2319	P	0.2
6	☐	500.000	489.373	1955948.74	0.4996	A	1.7
7	☐	1000.000	1012.526	3875250.46	1.0337	A	0.2
8	☐			600.02	0.0002	P	9.9

$$y = 0.0010 * x + 1.8755E-005$$

$$R = 0.9996$$

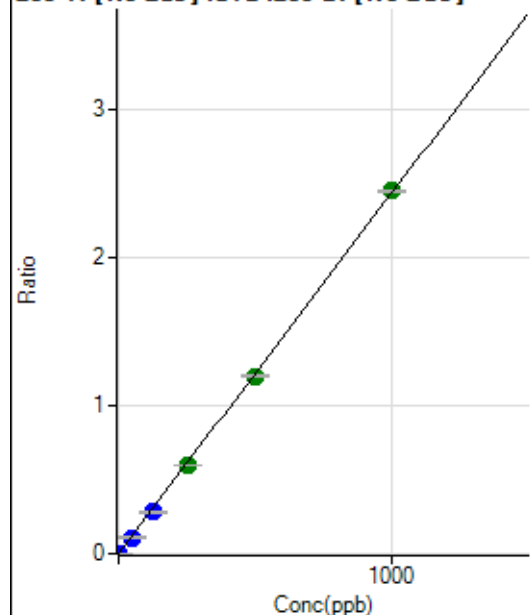
$$DL = 0.00761$$

$$BEC = 0.01837$$

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	178.89	0.0000	P	8.6
2	☐	1.000	0.877	8940.78	0.0022	P	3.5
3	☐	50.000	45.251	448478.67	0.1103	P	0.7
4	☐	125.000	115.229	1100768.31	0.2809	P	3.9
5	☐	250.000	245.100	2363440.12	0.5975	A	1.7
6	☐	500.000	491.741	4692746.46	1.1987	A	1.2
7	☐	1000.000	1006.813	9200138.96	2.4542	A	0.9
8	☐			1378.97	0.0004	P	10.5

$$y = 0.0024 * x + 4.4388E-005$$

$$R = 0.9999$$

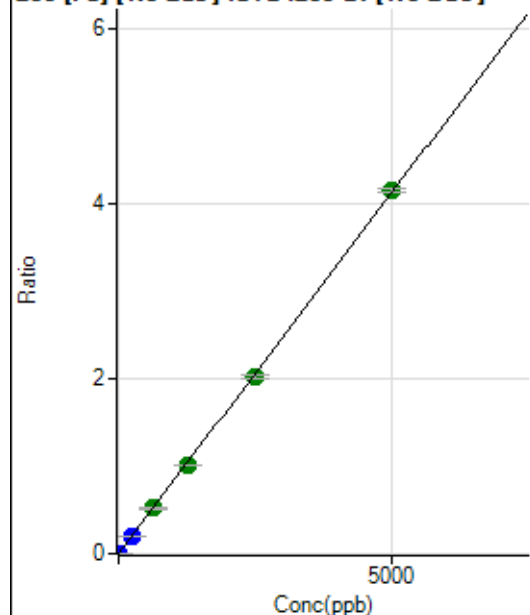
$$DL = 0.004687$$

$$BEC = 0.01821$$

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	211.11	0.0001	P	6.3
2	☐	1.000	0.906	3271.54	0.0008	P	4.2
3	☐	250.000	227.803	762736.81	0.1877	P	0.6
4	☐	625.000	628.065	2027126.57	0.5173	A	3.8
5	☐	1250.000	1232.733	4016237.40	1.0153	A	0.6
6	☐	2500.000	2444.804	7882589.39	2.0136	A	1.9
7	☐	5000.000	5032.642	15538024.77	4.1449	A	1.0
8	☐			3201.53	0.0010	P	1.3

$$y = 8.2358\text{E-}004 * x + 5.2395\text{E-}005$$

$$R = 0.9999$$

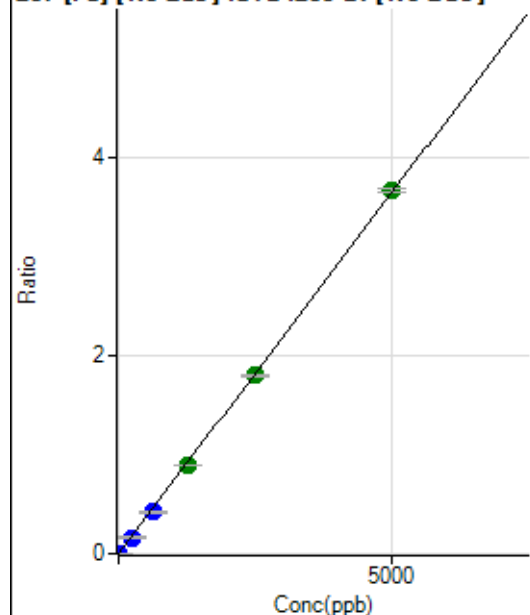
$$DL = 0.01199$$

$$BEC = 0.06362$$

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	196.67	0.0000	P	7.6
2	☐	1.000	0.868	2793.65	0.0007	P	6.7
3	☐	250.000	225.363	667855.36	0.1643	P	1.2
4	☐	625.000	574.841	1642249.01	0.4191	P	3.6
5	☐	1250.000	1228.143	3541522.10	0.8953	A	0.2
6	☐	2500.000	2468.238	7043761.63	1.7993	A	1.7
7	☐	5000.000	5028.847	13741983.69	3.6658	A	0.9
8	☐			2683.62	0.0009	P	3.4

$$y = 7.2894\text{E-}004 * x + 4.8801\text{E-}005$$

$$R = 0.9999$$

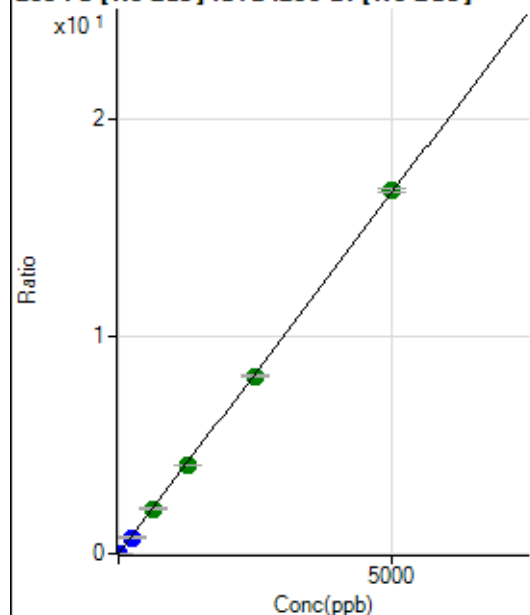
$$DL = 0.01523$$

$$BEC = 0.06695$$

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	877.80	0.0002	P	2.8
2	☐	1.000	0.879	12865.83	0.0031	P	3.4
3	☐	250.000	226.423	3060169.04	0.7529	P	0.7
4	☐	625.000	613.704	7994756.27	2.0404	A	4.2
5	☐	1250.000	1226.066	16124004.10	4.0762	A	0.6
6	☐	2500.000	2459.303	32007766.33	8.1759	A	1.1
7	☐	5000.000	5028.923	62672668.79	16.7184	A	1.0
8	☐			12544.62	0.0040	P	0.3

$$y = 0.0033 * x + 2.1784E-004$$

$$R = 0.9999$$

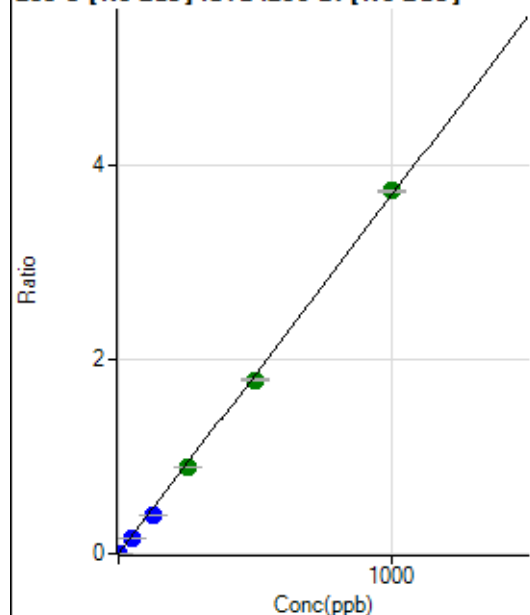
$$DL = 0.005422$$

$$BEC = 0.06553$$

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	10.00	0.0000	P	0.4
2	☐	1.000	0.795	12018.85	0.0029	P	2.0
3	☐	50.000	41.979	628620.92	0.1547	P	1.1
4	☐	125.000	107.348	1549922.32	0.3955	P	3.6
5	☐	250.000	242.473	3533975.54	0.8934	A	0.9
6	☐	500.000	484.155	6983782.53	1.7838	A	0.9
7	☐	1000.000	1012.412	13983312.99	3.7301	A	0.8
8	☐			1122.28	0.0004	P	5.7

$$y = 0.0037 * x + 2.4816E-006$$

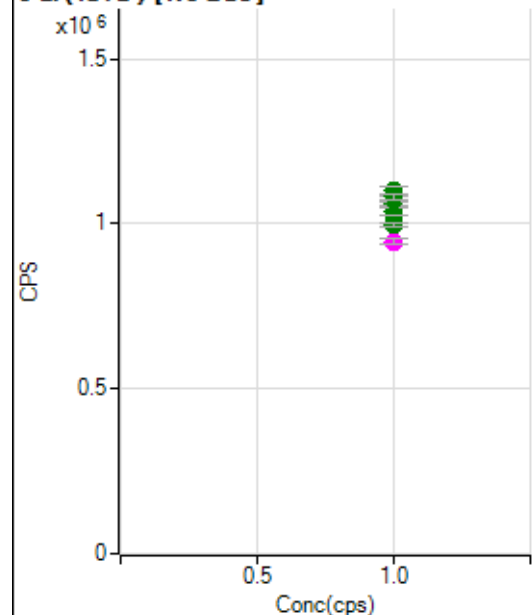
$$R = 0.9997$$

$$DL = 7.6E-06$$

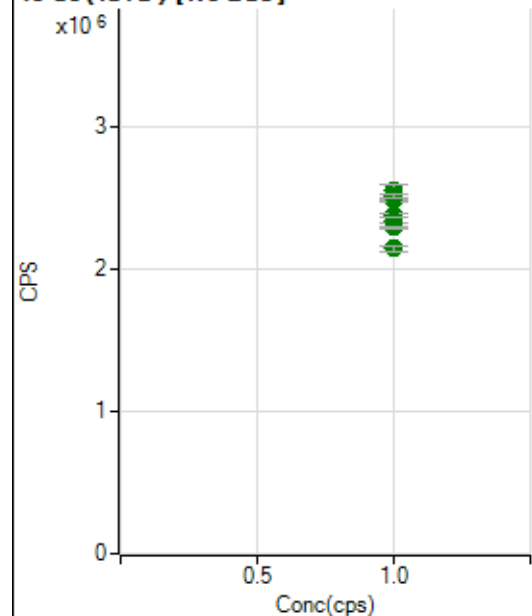
$$BEC = 0.0006735$$

Weight: <None>

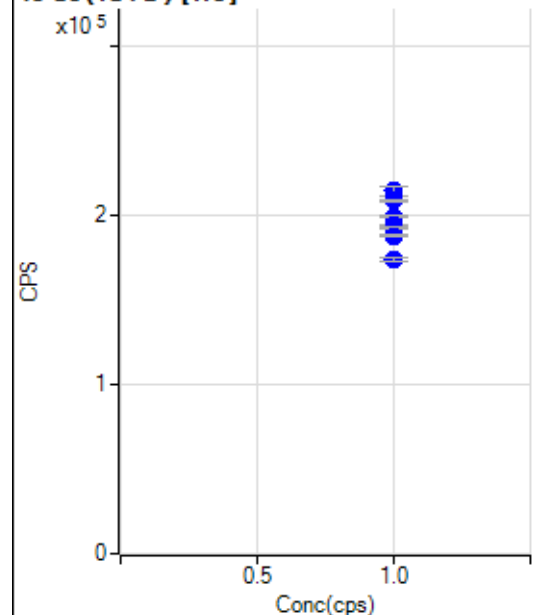
Min Conc: 0

6 Li (ISTD) [No Gas]

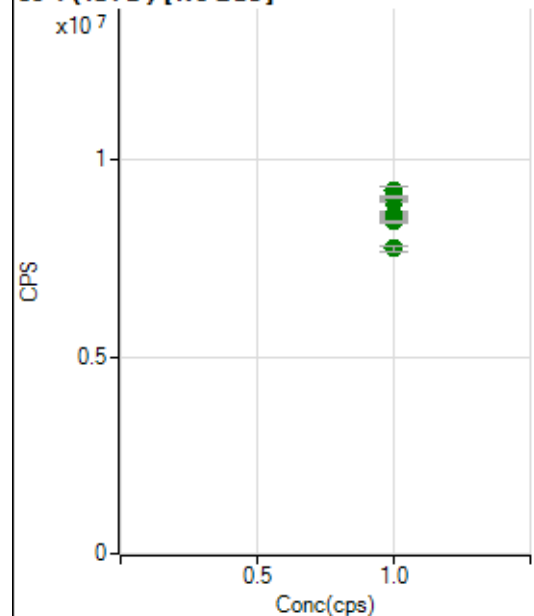
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1058862.44		A	1.4
2	☐	1.000		1099511.45		A	3.0
3	☐	1.000		1081203.29		A	1.6
4	☐	1.000		1038512.01		A	2.6
5	☐	1.000		1038783.09		A	2.2
6	☐	1.000		1025357.29		A	0.2
7	☐	1.000		996581.42		A	1.2
8	☐	1.000		945912.22		M	1.7

45 Sc (ISTD) [No Gas]

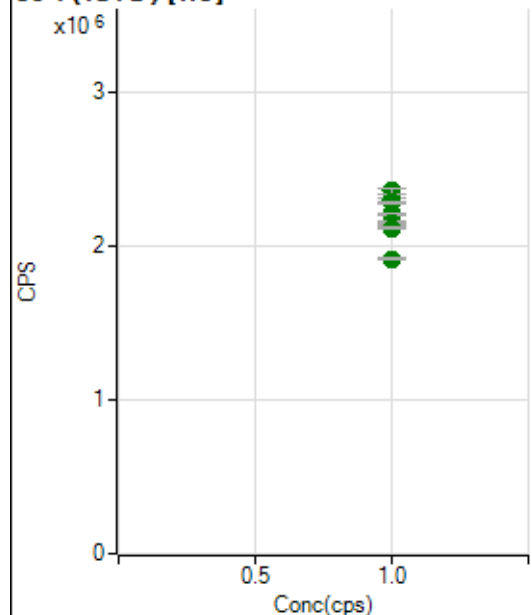
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2478824.30		A	0.5
2	☐	1.000		2546633.40		A	3.5
3	☐	1.000		2510122.26		A	0.7
4	☐	1.000		2357743.35		A	2.7
5	☐	1.000		2377965.56		A	1.5
6	☐	1.000		2340389.34		A	1.4
7	☐	1.000		2288135.83		A	0.3
8	☐	1.000		2143506.65		A	1.7

45 Sc (ISTD) [He]

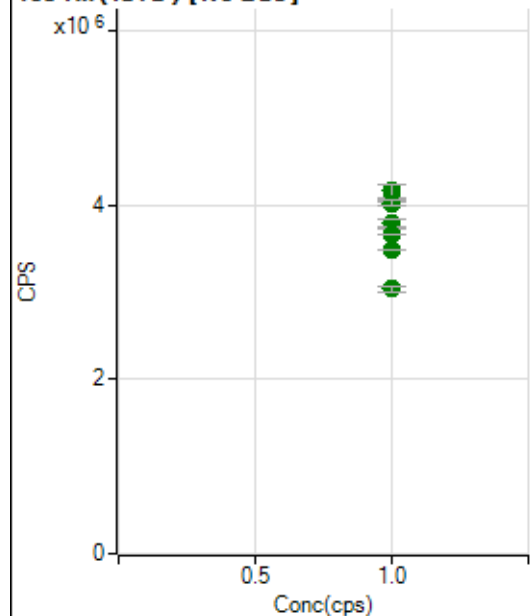
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		209166.03		P	0.1
2	☐	1.000		214534.33		P	2.7
3	☐	1.000		208996.29		P	0.4
4	☐	1.000		199539.51		P	0.5
5	☐	1.000		194238.83		P	0.3
6	☐	1.000		192745.50		P	0.6
7	☐	1.000		188080.21		P	0.3
8	☐	1.000		174123.00		P	1.0

89 Y (ISTD) [No Gas]

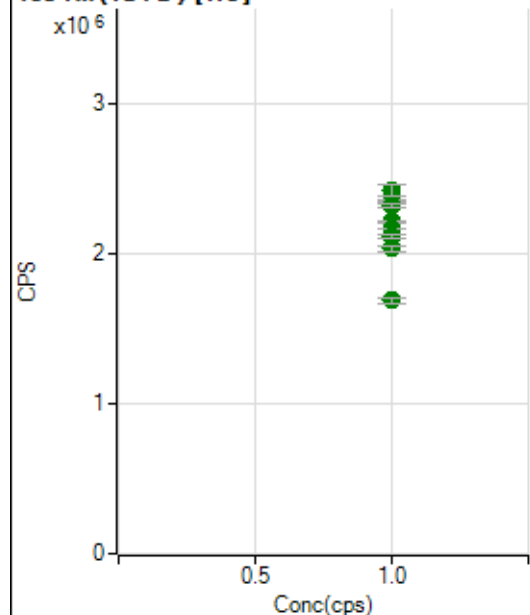
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8952927.85		A	1.0
2	☐	1.000		9205793.61		A	2.8
3	☐	1.000		9067753.69		A	0.7
4	☐	1.000		8564119.73		A	2.9
5	☐	1.000		8609879.45		A	0.2
6	☐	1.000		8514724.67		A	0.2
7	☐	1.000		8421048.00		A	0.3
8	☐	1.000		7735842.25		A	2.4

89 Y(ISTD) [He]

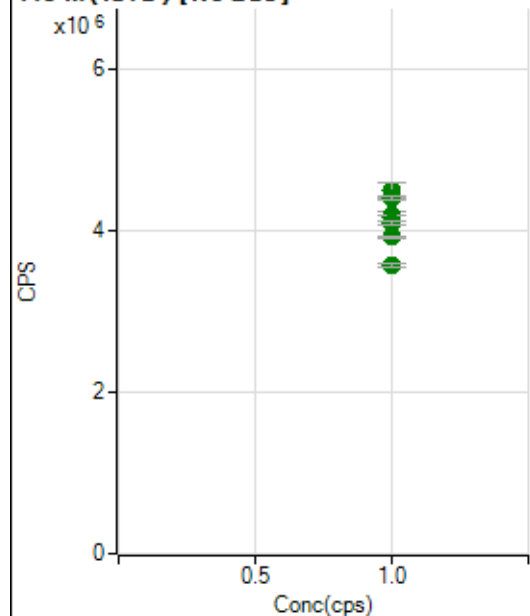
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2291463.40		A	1.1
2	☐	1.000		2355519.41		A	1.2
3	☐	1.000		2280720.41		A	0.7
4	☐	1.000		2203748.63		A	0.5
5	☐	1.000		2149110.89		A	1.5
6	☐	1.000		2152253.89		A	0.7
7	☐	1.000		2113011.86		A	0.7
8	☐	1.000		1911216.17		A	0.6

103 Rh(ISTD) [No Gas]

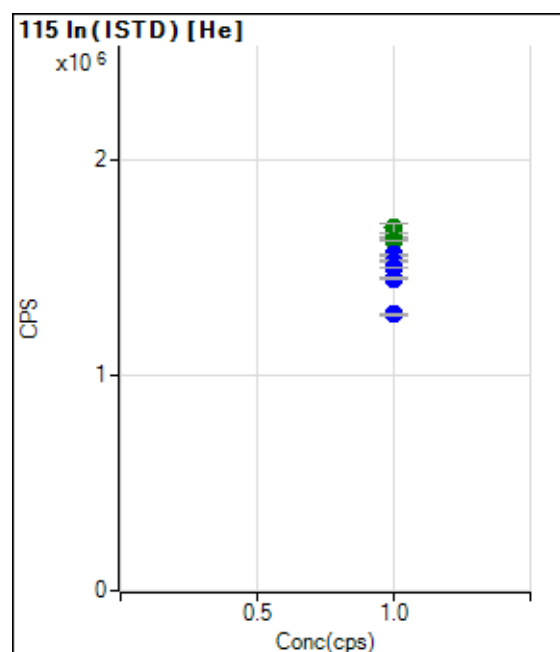
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4057158.38		A	1.5
2	☐	1.000		4162831.92		A	4.0
3	☐	1.000		4022466.12		A	1.4
4	☐	1.000		3788445.01		A	2.7
5	☐	1.000		3738032.34		A	0.9
6	☐	1.000		3663325.75		A	0.4
7	☐	1.000		3487074.57		A	0.2
8	☐	1.000		3035279.16		A	2.5

103 Rh (ISTD) [He]

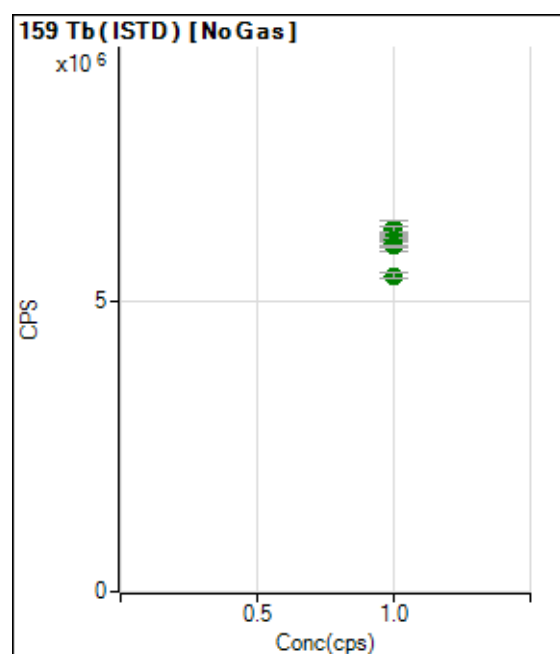
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2352193.79		A	0.5
2	☐	1.000		2423479.10		A	3.0
3	☐	1.000		2325320.50		A	0.9
4	☐	1.000		2216208.53		A	0.1
5	☐	1.000		2166818.44		A	0.2
6	☐	1.000		2116856.84		A	0.9
7	☐	1.000		2036273.20		A	1.5
8	☐	1.000		1691796.62		A	1.9

115 In (ISTD) [No Gas]

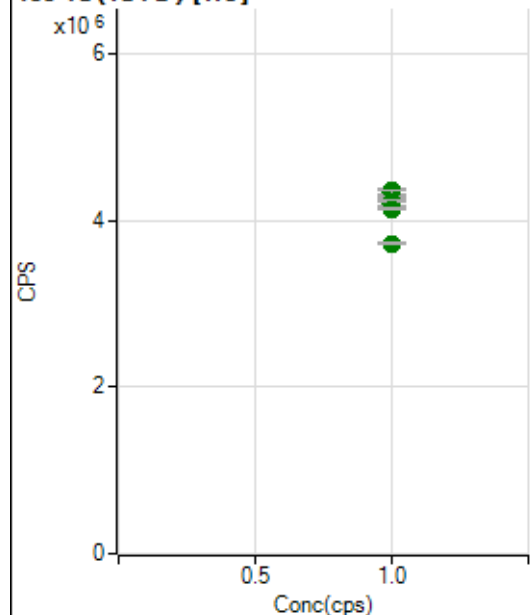
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4398153.89		A	0.8
2	☐	1.000		4495842.98		A	4.2
3	☐	1.000		4408204.33		A	1.0
4	☐	1.000		4160906.93		A	3.6
5	☐	1.000		4197780.34		A	0.4
6	☐	1.000		4095488.89		A	1.2
7	☐	1.000		3923979.48		A	0.7
8	☐	1.000		3565725.36		A	1.4



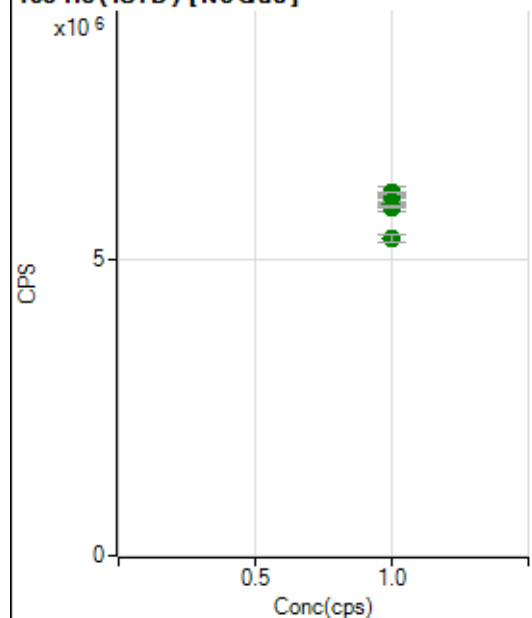
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1643240.24		A	0.5
2	☐	1.000		1687322.30		A	2.8
3	☐	1.000		1626233.92		A	0.2
4	☐	1.000		1563772.59		P	0.5
5	☐	1.000		1532145.16		P	0.4
6	☐	1.000		1503380.40		P	0.2
7	☐	1.000		1451446.42		P	0.5
8	☐	1.000		1286526.25		P	0.7



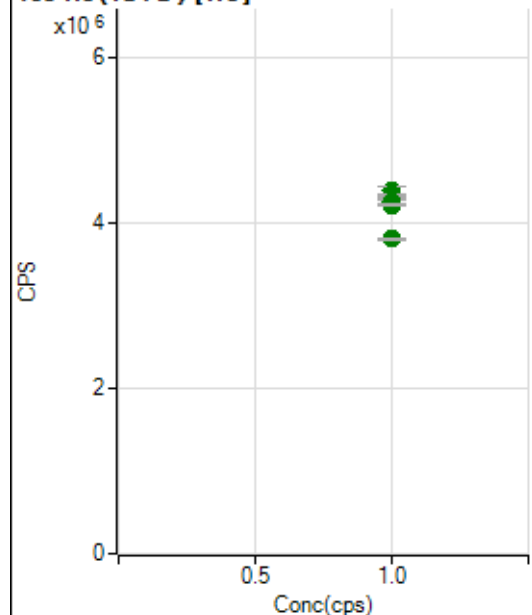
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6139596.85		A	0.9
2	☐	1.000		6264464.07		A	4.2
3	☐	1.000		6249504.98		A	1.6
4	☐	1.000		5995276.86		A	3.4
5	☐	1.000		6089618.87		A	0.1
6	☐	1.000		6076562.55		A	0.7
7	☐	1.000		5960120.19		A	1.0
8	☐	1.000		5452302.52		A	1.7

159 Tb (ISTD) [He]

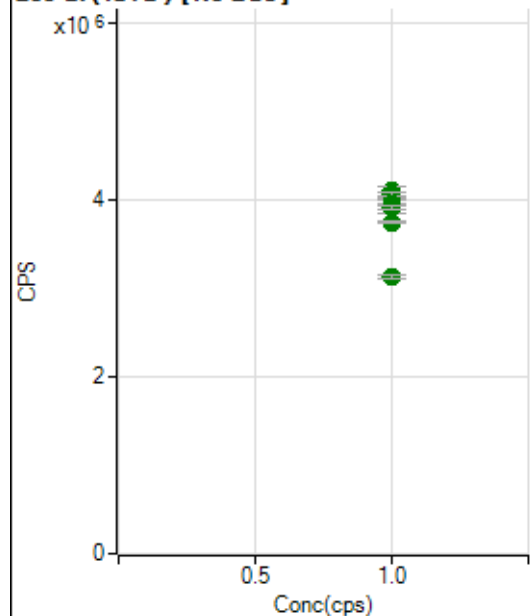
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4276543.06		A	0.6
2	☐	1.000		4358661.11		A	1.6
3	☐	1.000		4332811.50		A	1.4
4	☐	1.000		4217683.45		A	1.2
5	☐	1.000		4207618.93		A	0.8
6	☐	1.000		4231728.62		A	0.7
7	☐	1.000		4143301.43		A	0.9
8	☐	1.000		3727328.31		A	0.7

165 Ho (ISTD) [No Gas]

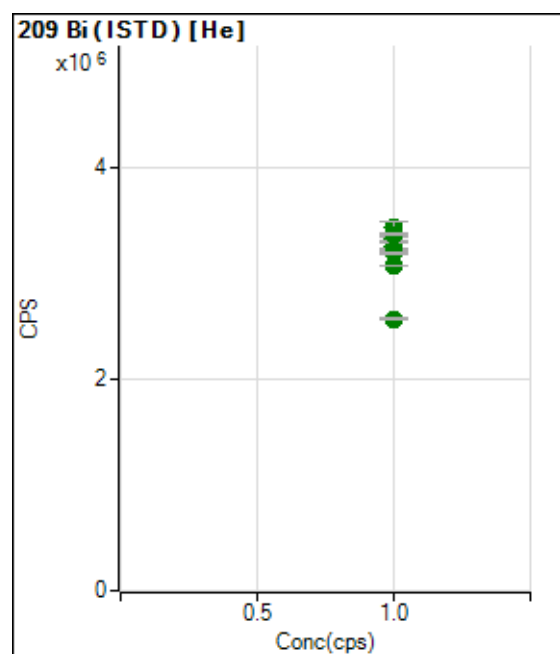
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6040549.91		A	0.3
2	☐	1.000		6112982.96		A	3.1
3	☐	1.000		6116109.22		A	0.4
4	☐	1.000		5878647.83		A	2.9
5	☐	1.000		5957377.97		A	0.6
6	☐	1.000		5940697.90		A	0.9
7	☐	1.000		5881564.57		A	0.3
8	☐	1.000		5346103.84		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4300276.01		A	0.8
2	☐	1.000		4392591.74		A	2.6
3	☐	1.000		4344489.41		A	0.7
4	☐	1.000		4263509.76		A	0.9
5	☐	1.000		4217231.15		A	0.6
6	☐	1.000		4263903.72		A	0.7
7	☐	1.000		4229170.94		A	0.9
8	☐	1.000		3806773.07		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4029758.14		A	0.4
2	☐	1.000		4100470.39		A	2.7
3	☐	1.000		4064389.28		A	0.6
4	☐	1.000		3922451.51		A	3.9
5	☐	1.000		3955716.02		A	0.4
6	☐	1.000		3915111.75		A	0.8
7	☐	1.000		3748837.75		A	0.6
8	☐	1.000		3127904.81		A	1.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3331924.85		A	0.9
2	☐	1.000		3428908.73		A	3.1
3	☐	1.000		3367312.24		A	0.7
4	☐	1.000		3262225.47		A	1.3
5	☐	1.000		3211777.14		A	0.7
6	☐	1.000		3195009.67		A	0.4
7	☐	1.000		3072544.85		A	0.3
8	☐	1.000		2567819.42		A	0.4