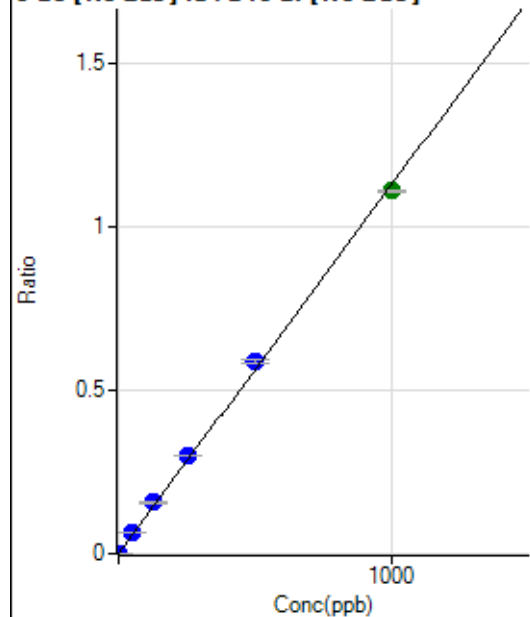


Calibration for 011CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7103124MS2.b\
 Analysis File: P7103124MS2.batch.bin
 DA Date-Time: 2024-11-01 01:05:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-31 20:06:40
2	006CAL.S.d	S02	2024-10-31 20:13:13
3	007CAL.S.d	S03	2024-10-31 20:16:30
4	008CAL.S.d	S04	2024-10-31 20:19:29
5	009CAL.S.d	S05	2024-10-31 20:22:21
6	010CAL.S.d	S06	2024-10-31 20:25:06
7	011CAL.S.d	S07	2024-10-31 20:27:52
8	013CAL.S.d	S08	2024-10-31 20:42:01

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.38	0.0000	P	11.8
2	☐	1.000	1.016	2264.58	0.0012	P	4.6
3	☐	50.000	56.693	127107.41	0.0640	P	2.0
4	☐	125.000	138.178	310989.68	0.1560	P	0.3
5	☐	250.000	266.667	601600.76	0.3011	P	0.6
6	☐	500.000	520.552	1168714.20	0.5877	P	1.5
7	☐	1000.000	983.575	2231284.11	1.1104	A	0.8
8	☐			122.15	0.0001	P	13.4

$$y = 0.0011 * x + 1.7587E-005$$

$$R = 0.9995$$

$$DL = 0.005514$$

$$BEC = 0.01558$$

Weight: <None>

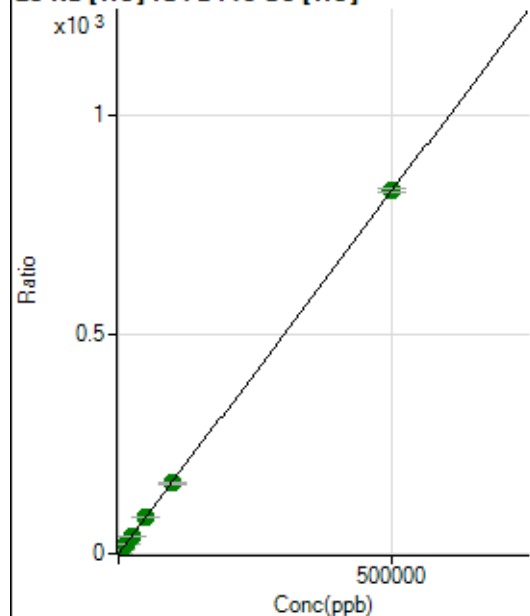
Min Conc: 0

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	22894.86	0.0422	P	1.3
2	☐	500.000	480.941	461788.81	0.8373	P	0.2
3	☐	5000.000	5189.798	4393605.63	8.6212	A	6.7
4	☐	12500.000	12321.081	10474283.25	20.4096	A	1.3
5	☐	25000.000	24561.974	20193113.73	40.6444	A	0.2
6	☐	50000.000	49179.509	40722951.06	81.3385	A	0.4
7	☐	100000.00	97144.054	84220251.52	160.6264	A	0.6
8	☐	500000.00	500677.73	453530713.24	827.6884	A	1.0

$$y = 0.0017 * x + 0.0422$$

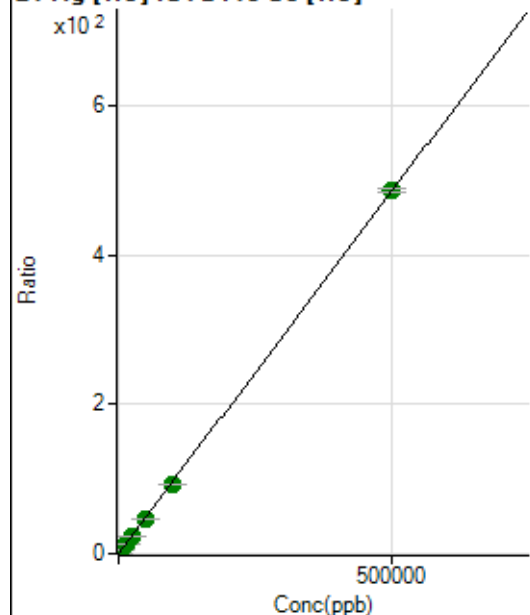
$$R = 1.0000$$

$$DL = 1.029$$

$$BEC = 25.55$$

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	672.24	0.0012	P	4.9
2	☐	500.000	510.499	273888.64	0.4966	P	0.9
3	☐	5000.000	5244.423	2594349.75	5.0899	A	6.4
4	☐	12500.000	12323.802	6137555.32	11.9591	A	1.5
5	☐	25000.000	24557.432	11839357.33	23.8295	A	0.7
6	☐	50000.000	48808.633	23711494.65	47.3606	A	0.3
7	☐	100000.00	96008.070	48845284.27	93.1586	A	0.7
8	☐	500000.00	500941.60	266339216.03	486.0689	A	1.0

$$y = 9.7031\text{E-}004 * x + 0.0012$$

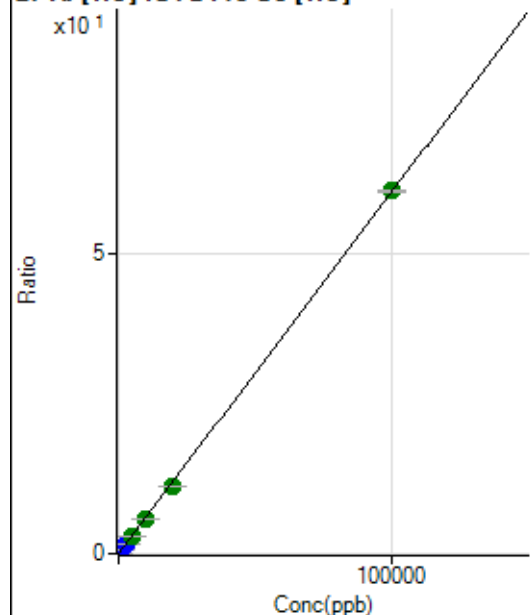
$$R = 1.0000$$

$$DL = 0.1865$$

$$BEC = 1.278$$

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	253.34	0.0005	P	6.9
2	☐	20.000	16.912	5885.62	0.0107	P	2.2
3	☐	1000.000	1026.587	315905.10	0.6199	P	6.6
4	☐	2500.000	2435.320	754294.09	1.4698	P	1.5
5	☐	5000.000	4768.445	1429648.56	2.8775	A	0.5
6	☐	10000.000	9467.398	2860006.94	5.7126	A	1.0
7	☐	20000.000	18538.104	5864823.11	11.1855	A	0.7
8	☐	100000.00	100358.56	33180454.50	60.5520	A	0.3

$$y = 6.0335\text{E-}004 * x + 4.6735\text{E-}004$$

$$R = 0.9999$$

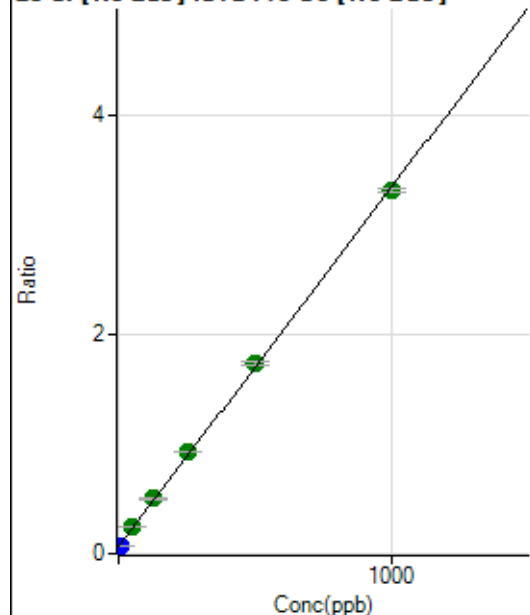
$$DL = 0.1598$$

$$BEC = 0.7746$$

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	356896.88	0.0630	P	0.3
2	☐	10.000	1.532	391963.14	0.0680	P	0.4
3	☐	50.000	54.539	1409520.53	0.2417	A	2.1
4	☐	125.000	133.799	2779197.60	0.5014	A	1.0
5	☐	250.000	265.089	4889204.20	0.9315	A	0.8
6	☐	500.000	509.707	9066533.06	1.7330	A	1.6
7	☐	1000.000	990.132	17766751.82	3.3071	A	1.0
8	☐			351574.01	0.0646	P	0.7

$$y = 0.0033 * x + 0.0630$$

$$R = 0.9997$$

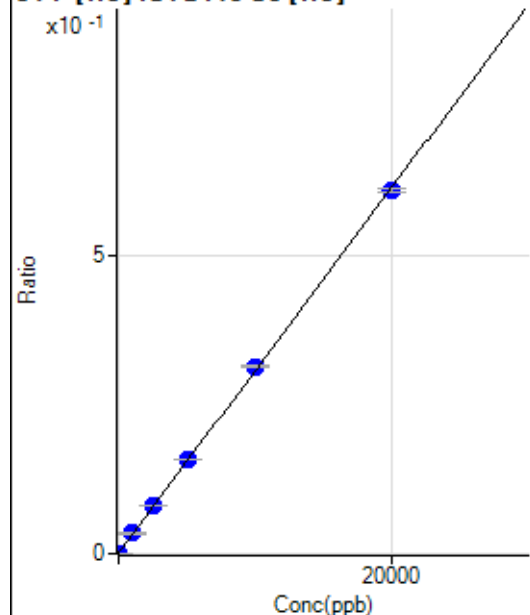
$$DL = 0.1522$$

$$BEC = 19.23$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.120	165.56	0.0003	P	10.5
2	☐	0.000	14.120	644.47	0.0012	P	5.6
3	☐	1000.000	1094.534	17426.69	0.0342	P	6.0
4	☐	2500.000	2629.272	41610.92	0.0811	P	1.8
5	☐	5000.000	5125.931	78192.71	0.1574	P	0.8
6	☐	10000.000	10224.345	156795.04	0.3132	P	1.0
7	☐	20000.000	19835.459	318207.55	0.6069	P	1.0
8	☐			266.67	0.0005	P	2.2

$$y = 3.0559E-005 * x + 7.3699E-004$$

$$R = 0.9999$$

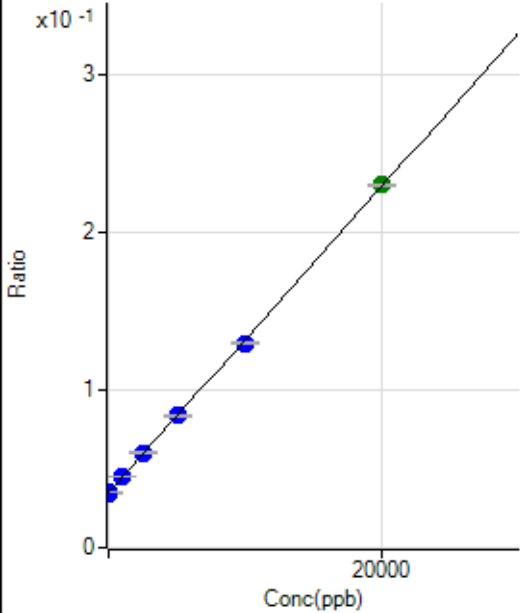
$$DL = 4.761$$

$$BEC = 24.12$$

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	-38.129	195523.44	0.0345	P	1.4
2	☐	0.000	38.129	203152.08	0.0353	P	0.4
3	☐	1000.000	1041.986	262451.74	0.0450	P	1.4
4	☐	2500.000	2586.734	332596.23	0.0600	P	1.4
5	☐	5000.000	5011.251	438502.74	0.0835	P	0.7
6	☐	10000.000	9769.259	678807.03	0.1297	P	1.1
7	☐	20000.000	20099.617	1235862.94	0.2301	A	0.7
8	☐			181912.43	0.0335	P	1.2

$y = 9.7105E-006 * x + 0.0349$

R = 0.9999

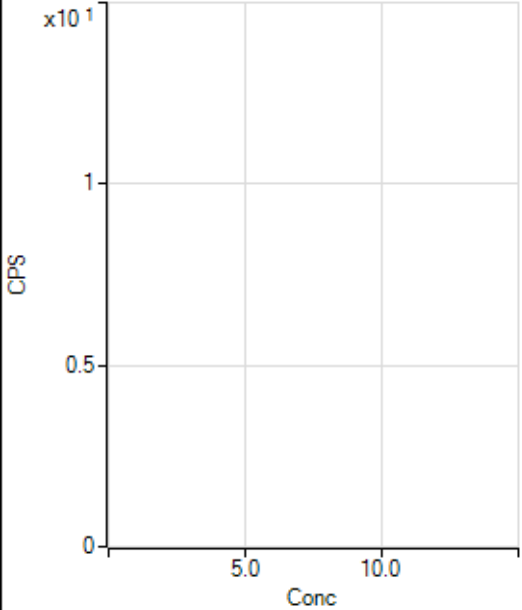
DL = 93.81

BEC = 3592

Weight: <None>

Min Conc: 0

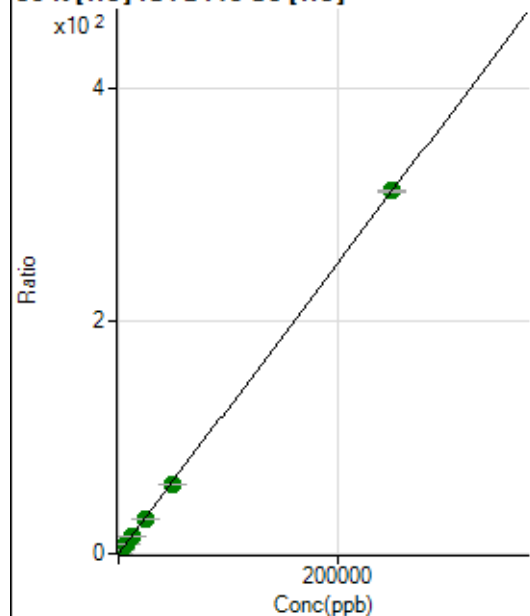
35 Cl [No Gas] No available calibration points



	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	56104.12	0.1035	P	0.6
2	☐	500.000	489.789	392691.65	0.7120	P	0.6
3	☐	2500.000	2604.594	1701145.62	3.3393	A	7.6
4	☐	6250.000	6125.203	3957995.19	7.7130	A	2.0
5	☐	12500.000	12005.395	7461559.89	15.0182	A	0.7
6	☐	25000.000	23908.744	14922534.91	29.8062	A	0.6
7	☐	50000.000	47248.190	30831122.87	58.8016	A	0.2
8	☐	250000.00	250686.31	170711906.35	311.5398	A	0.7

$$y = 0.0012 * x + 0.1035$$

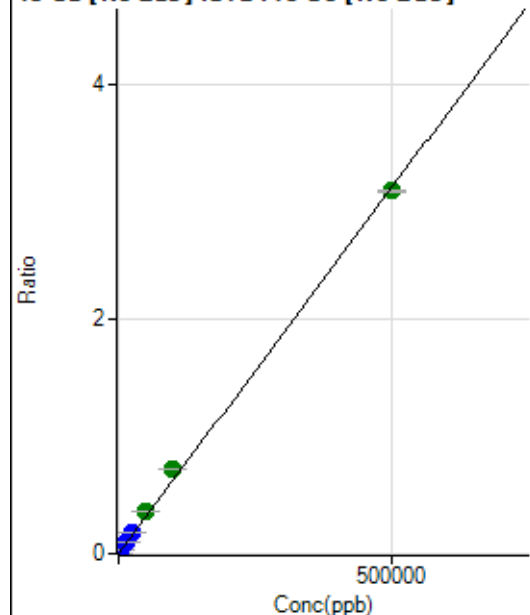
$$R = 0.9999$$

$$DL = 1.454$$

$$BEC = 83.31$$

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	303.34	0.0001	P	6.4
2	☐	500.000	499.541	18248.82	0.0032	P	1.1
3	☐	5000.000	5998.972	218354.03	0.0374	P	1.0
4	☐	12500.000	14940.164	516404.12	0.0932	P	0.4
5	☐	25000.000	29838.826	976298.44	0.1860	P	0.3
6	☐	50000.000	57633.715	1879451.26	0.3592	A	0.9
7	☐	100000.00	115015.65	3850865.08	0.7168	A	0.2
8	☐	500000.00	495920.56	16808823.50	3.0906	A	0.3

$$y = 6.2320\text{E-}006 * x + 5.3539\text{E-}005$$

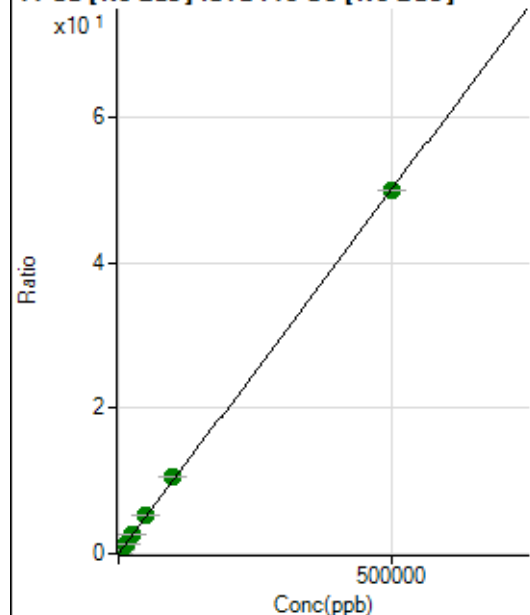
$$R = 0.9995$$

$$DL = 1.661$$

$$BEC = 8.591$$

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	17659.44	0.0031	P	3.8
2	☐	500.000	503.945	308574.35	0.0535	P	0.3
3	☐	5000.000	5375.232	3155378.70	0.5410	A	0.6
4	☐	12500.000	13522.110	7518039.40	1.3563	A	0.5
5	☐	25000.000	26827.414	14107318.40	2.6878	A	0.2
6	☐	50000.000	52842.117	27682147.64	5.2911	A	1.0
7	☐	100000.00	106240.32	57131355.26	10.6346	A	0.4
8	☐	500000.00	498347.04	271237167.07	49.8730	A	0.1

$$y = 1.0007\text{E-}004 * x + 0.0031$$

$$R = 0.9999$$

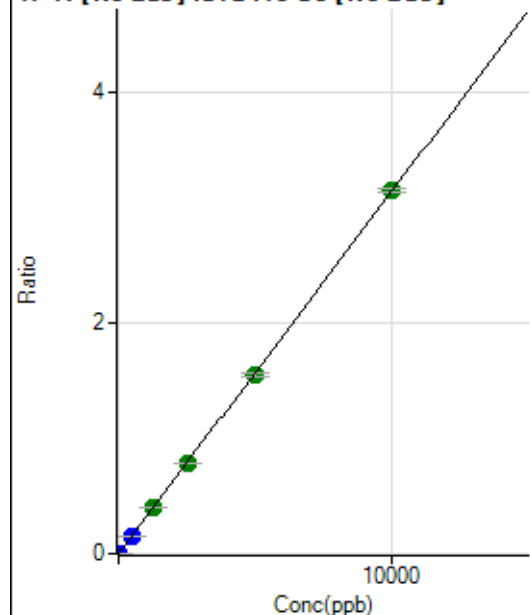
$$DL = 3.515$$

$$BEC = 31.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	137.78	0.0000	P	1.5
2	☐	5.000	4.346	8009.96	0.0014	P	1.2
3	☐	500.000	499.445	915376.96	0.1570	P	0.9
4	☐	1250.000	1260.513	2195529.93	0.3961	A	1.7
5	☐	2500.000	2512.450	4143407.92	0.7894	A	0.6
6	☐	5000.000	4944.742	8128280.57	1.5537	A	1.4
7	☐	10000.000	10023.230	16919047.25	3.1493	A	0.9
8	☐			1443.42	0.0003	P	1.5

$$y = 3.1420\text{E-}004 * x + 2.4321\text{E-}005$$

$$R = 1.0000$$

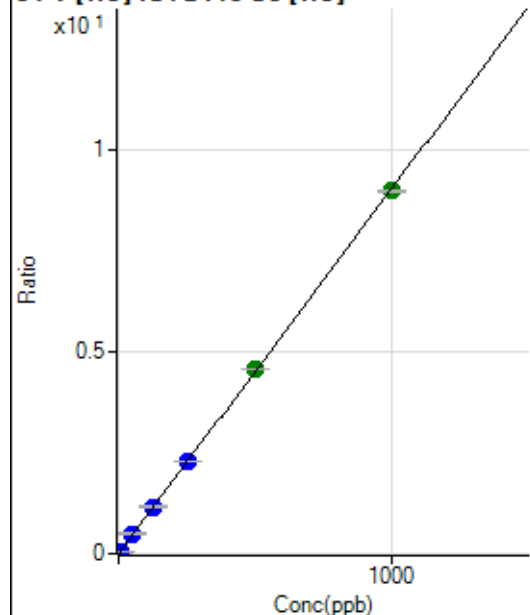
$$DL = 0.003434$$

$$BEC = 0.0774$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	81.4
2	☐	5.000	4.952	24654.64	0.0447	P	1.4
3	☐	50.000	54.344	249834.97	0.4902	P	6.7
4	☐	125.000	128.785	596150.34	1.1617	P	1.8
5	☐	250.000	253.764	1137258.13	2.2891	P	0.1
6	☐	500.000	506.898	2289164.97	4.5724	A	0.7
7	☐	1000.000	994.920	4705523.92	8.9745	A	0.7
8	☐			815.59	0.0015	P	6.8

$$y = 0.0090 * x + 2.8744\text{E-}005$$

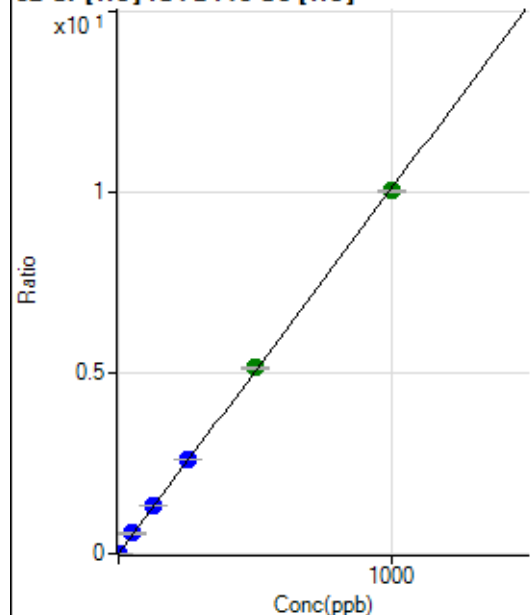
$$R = 1.0000$$

$$DL = 0.007786$$

$$BEC = 0.003187$$

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	777.80	0.0014	P	0.6
2	☐	2.000	2.024	12071.58	0.0219	P	0.7
3	☐	50.000	55.238	285158.92	0.5597	P	7.2
4	☐	125.000	130.333	676667.02	1.3186	P	1.7
5	☐	250.000	255.752	1284822.79	2.5861	P	0.3
6	☐	500.000	508.687	2574537.67	5.1422	A	0.3
7	☐	1000.000	993.290	5264018.22	10.0396	A	0.4
8	☐			17363.60	0.0317	P	1.5

$$y = 0.0101 * x + 0.0014$$

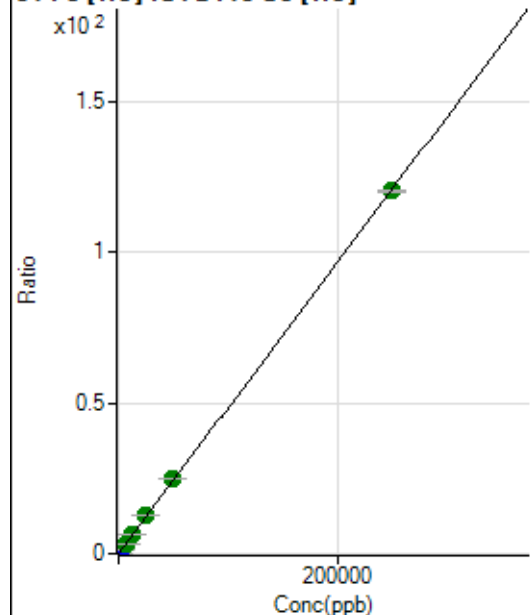
$$R = 0.9999$$

$$DL = 0.0025$$

$$BEC = 0.142$$

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	2110.17	0.0039	P	5.4
2	☐	50.000	54.072	16541.36	0.0300	P	1.6
3	☐	2500.000	2914.051	718827.29	1.4104	P	6.5
4	☐	6250.000	6727.245	1668455.31	3.2508	A	0.7
5	☐	12500.000	13224.925	3173178.18	6.3869	A	0.4
6	☐	25000.000	26444.867	6392162.68	12.7675	A	0.2
7	☐	50000.000	51482.302	13030431.47	24.8518	A	0.1
8	☐	250000.00	249506.73	65988717.91	120.4281	A	0.8

$$y = 4.8265E-004 * x + 0.0039$$

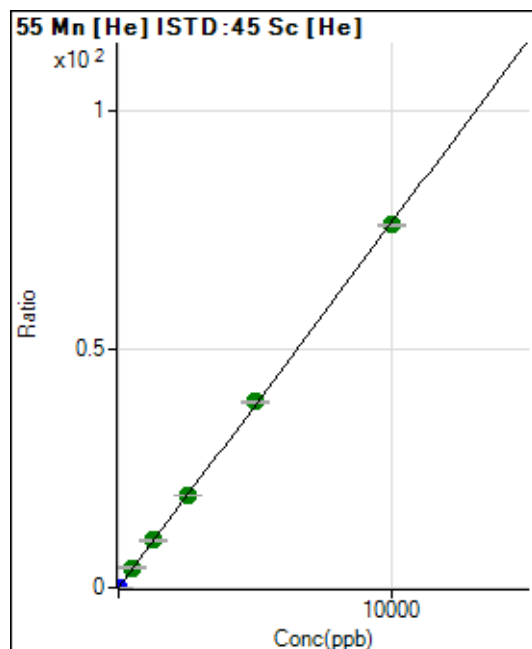
$$R = 1.0000$$

$$DL = 1.312$$

$$BEC = 8.066$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	371.12	0.0007	P	14.1
2	☐	1.000	0.966	4462.93	0.0081	P	1.5
3	☐	500.000	542.011	2117645.63	4.1556	A	6.9
4	☐	1250.000	1292.661	5085752.46	9.9099	A	1.4
5	☐	2500.000	2539.318	9671401.66	19.4664	A	0.2
6	☐	5000.000	5088.872	19530895.40	39.0107	A	0.7
7	☐	10000.000	9938.301	39945923.85	76.1851	A	0.4
8	☐			17591.49	0.0321	P	1.8

$$y = 0.0077 * x + 6.8482E-004$$

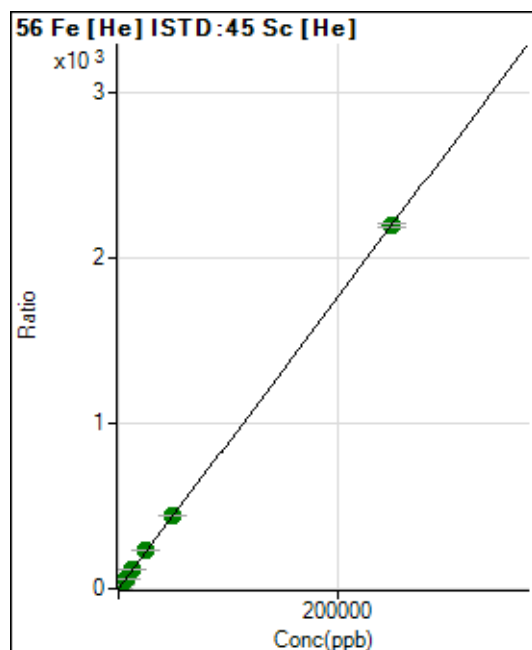
$$R = 0.9999$$

$$DL = 0.03778$$

$$BEC = 0.08934$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15247.42	0.0281	P	3.7
2	☐	50.000	52.430	269318.33	0.4883	P	0.9
3	☐	2500.000	2795.146	12516147.18	24.5606	A	6.8
4	☐	6250.000	6692.463	30156171.77	58.7666	A	2.1
5	☐	12500.000	13078.903	57045790.26	114.8191	A	0.5
6	☐	25000.000	26265.734	115429491.61	230.5573	A	0.6
7	☐	50000.000	50759.690	233605416.52	445.5359	A	0.4
8	☐	250000.00	249678.53	1200771582.1	2,191.407	A	1.0

$$y = 0.0088 * x + 0.0281$$

$$R = 1.0000$$

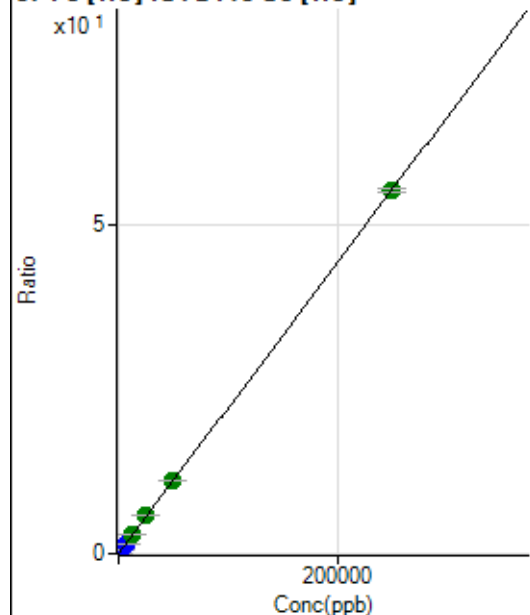
$$DL = 0.353$$

$$BEC = 3.205$$

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	1438.98	0.0027	P	7.9
2	☐	50.000	55.786	8260.10	0.0150	P	1.6
3	☐	2500.000	2867.026	323961.30	0.6359	P	7.4
4	☐	6250.000	6804.646	772643.47	1.5055	P	1.4
5	☐	12500.000	12943.454	1421595.13	2.8614	A	1.1
6	☐	25000.000	25999.468	2876259.61	5.7450	A	0.7
7	☐	50000.000	50486.971	5847993.94	11.1533	A	0.7
8	☐	250000.00	249762.94	30227965.10	55.1659	A	1.0

$$y = 2.2086\text{E-}004 * x + 0.0027$$

$$R = 1.0000$$

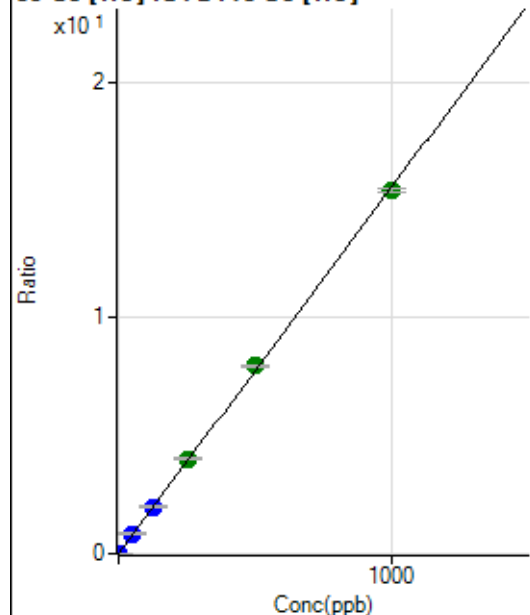
$$DL = 2.845$$

$$BEC = 12.02$$

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	63.33	0.0001	P	19.0
2	☐	1.000	1.029	8881.59	0.0161	P	1.7
3	☐	50.000	54.557	431985.73	0.8478	P	7.3
4	☐	125.000	128.057	1021166.21	1.9899	P	1.8
5	☐	250.000	259.006	1999556.57	4.0246	A	1.1
6	☐	500.000	513.696	3996147.58	7.9820	A	1.3
7	☐	1000.000	990.291	8067992.66	15.3875	A	0.9
8	☐			21472.09	0.0392	P	1.3

$$y = 0.0155 * x + 1.1684\text{E-}004$$

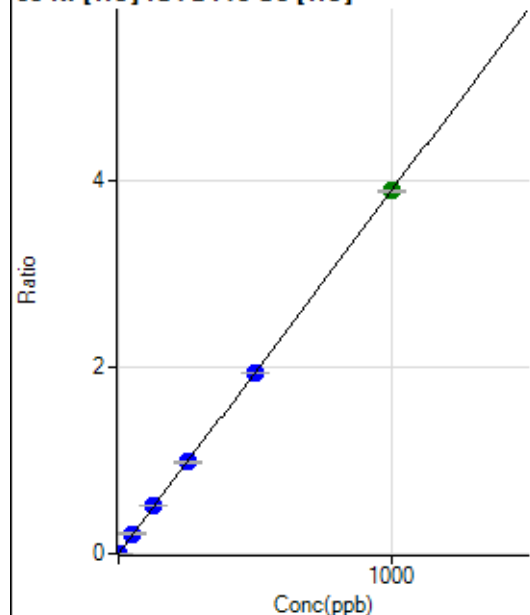
$$R = 0.9998$$

$$DL = 0.004292$$

$$BEC = 0.00752$$

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	103.33	0.0002	P	11.2
2	☐	1.000	0.991	2231.30	0.0040	P	4.8
3	☐	50.000	55.419	109928.14	0.2157	P	6.7
4	☐	125.000	130.642	260824.18	0.5082	P	1.2
5	☐	250.000	251.842	486660.56	0.9795	P	0.3
6	☐	500.000	497.587	968841.85	1.9352	P	0.7
7	☐	1000.000	999.770	2038579.90	3.8880	A	0.5
8	☐			7461.93	0.0136	P	3.9

$$y = 0.0039 * x + 1.9063E-004$$

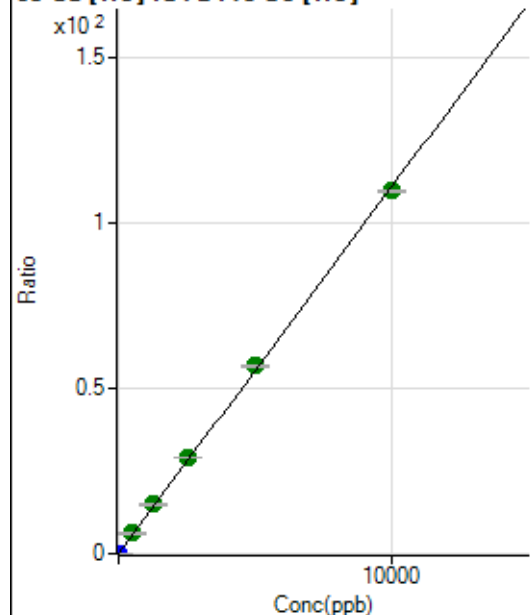
$$R = 1.0000$$

$$DL = 0.01649$$

$$BEC = 0.04902$$

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	1700.12	0.0031	P	2.4
2	☐	2.000	1.871	13162.54	0.0239	P	2.2
3	☐	500.000	567.591	3204302.59	6.2912	A	8.0
4	☐	1250.000	1341.030	7626200.10	14.8597	A	1.1
5	☐	2500.000	2613.272	14385509.79	28.9541	A	0.8
6	☐	5000.000	5124.977	28427098.74	56.7799	A	0.6
7	☐	10000.000	9894.435	57475643.03	109.6181	A	0.7
8	☐			10532.68	0.0192	P	2.5

$$y = 0.0111 * x + 0.0031$$

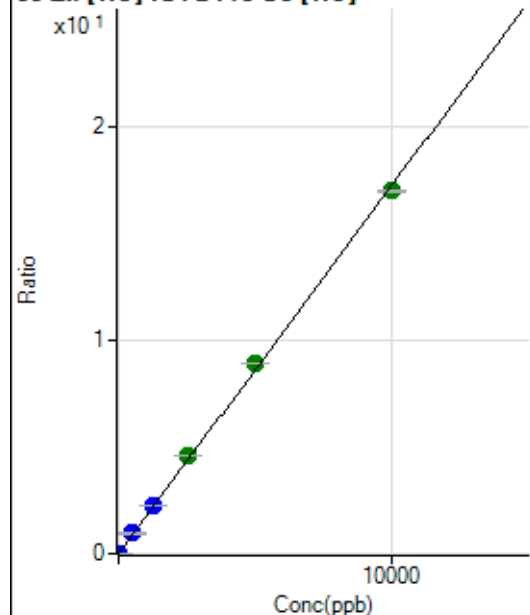
$$R = 0.9998$$

$$DL = 0.02051$$

$$BEC = 0.2831$$

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	840.03	0.0015	P	15.2
2	☐	2.000	4.829	5443.26	0.0099	P	1.4
3	☐	500.000	551.496	484926.20	0.9517	P	7.2
4	☐	1250.000	1304.357	1154107.73	2.2488	P	1.4
5	☐	2500.000	2651.027	2270004.67	4.5690	A	0.5
6	☐	5000.000	5177.159	4466536.84	8.9213	A	0.7
7	☐	10000.000	9864.294	8911895.56	16.9969	A	0.4
8	☐			3117.02	0.0057	P	6.7

$$y = 0.0017 * x + 0.0015$$

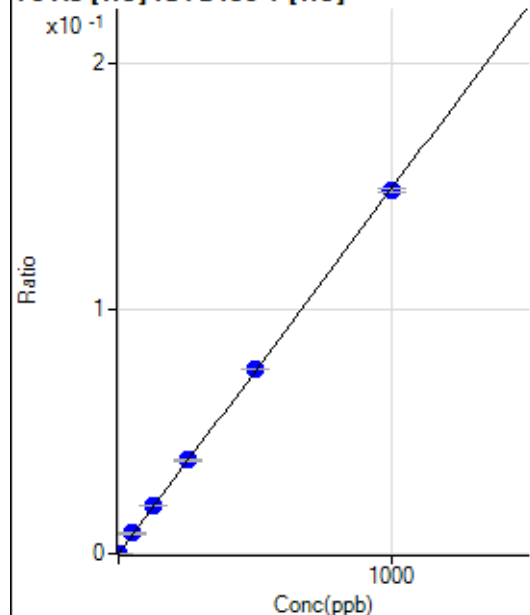
$$R = 0.9996$$

$$DL = 0.4101$$

$$BEC = 0.8995$$

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	10.00	0.0000	P	33.0
2	☐	1.000	1.084	722.25	0.0002	P	3.6
3	☐	50.000	55.656	33924.31	0.0083	P	5.8
4	☐	125.000	131.337	81521.09	0.0196	P	2.9
5	☐	250.000	256.680	155545.30	0.0382	P	1.1
6	☐	500.000	506.840	308686.30	0.0755	P	0.5
7	☐	1000.000	993.835	627429.86	0.1480	P	1.0
8	☐			343.34	0.0001	P	5.3

$$y = 1.4893E-004 * x + 2.2886E-006$$

$$R = 0.9999$$

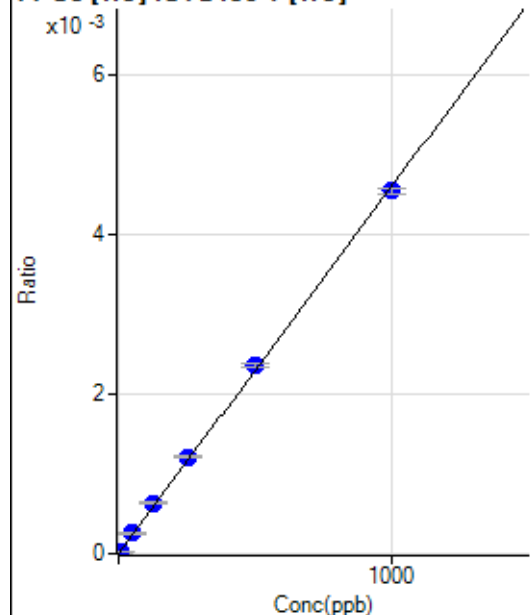
$$DL = 0.01523$$

$$BEC = 0.01537$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.531	113.33	0.0000	P	9.1
3	☐	50.000	54.997	1034.49	0.0003	P	11.1
4	☐	125.000	137.316	2635.82	0.0006	P	4.8
5	☐	250.000	262.334	4910.86	0.0012	P	1.7
6	☐	500.000	513.155	9653.23	0.0024	P	2.0
7	☐	1000.000	988.547	19278.18	0.0045	P	1.7
8	☐			3.33	0.0000	P	100.

$$y = 4.6000\text{E-}006 * x + 2.5231\text{E-}007$$

$$R = 0.9997$$

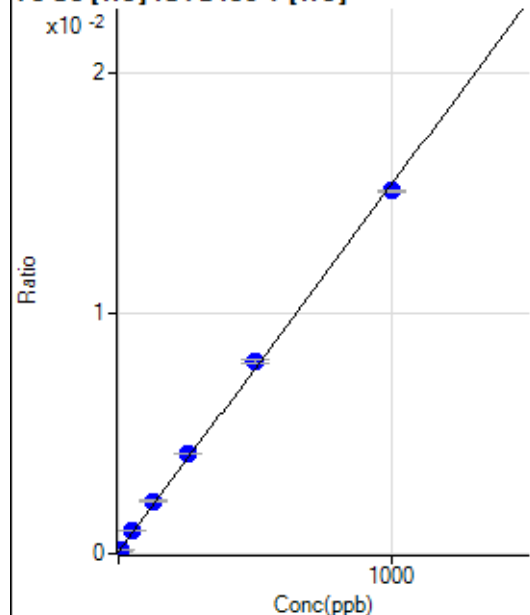
$$DL = 0.285$$

$$BEC = 0.05485$$

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	353.34	0.0001	P	9.0
2	☐	5.000	4.948	690.03	0.0002	P	15.0
3	☐	50.000	57.648	3935.00	0.0010	P	3.2
4	☐	125.000	137.548	9083.96	0.0022	P	4.3
5	☐	250.000	266.746	16896.40	0.0042	P	1.5
6	☐	500.000	521.188	32864.19	0.0080	P	2.0
7	☐	1000.000	983.269	63971.81	0.0151	P	0.3
8	☐			320.01	0.0001	P	17.0

$$y = 1.5265\text{E-}005 * x + 8.0830\text{E-}005$$

$$R = 0.9995$$

$$DL = 1.428$$

$$BEC = 5.295$$

Weight: <None>

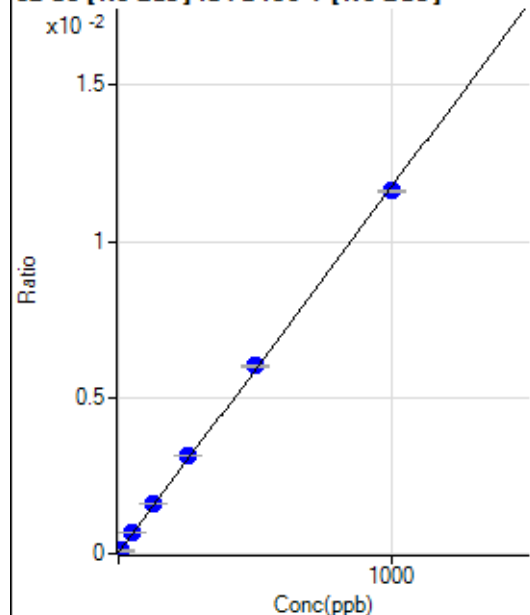
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15618.38		P	2.4
2	☐			15800.77		P	2.1
3	☐			15576.11		P	1.9
4	☐			14766.36		P	3.2
5	☐			13670.87		P	2.2
6	☐			13547.41		P	3.2
7	☐			14163.55		P	1.5
8	☐			15764.09		P	0.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	14.4
2	☐			84.44		P	11.4
3	☐			65.55		P	10.6
4	☐			77.78		P	27.2
5	☐			76.67		P	7.5
6	☐			57.78		P	46.6
7	☐			104.45		P	3.7
8	☐			138.89		P	24.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.04	0.0000	P	6.8
2	☐	5.000	5.138	1459.93	0.0001	P	4.3
3	☐	50.000	54.719	10499.29	0.0007	P	2.1
4	☐	125.000	135.151	24328.22	0.0016	P	1.5
5	☐	250.000	264.370	46103.78	0.0031	P	0.8
6	☐	500.000	511.042	88799.77	0.0060	P	1.1
7	☐	1000.000	989.381	174589.78	0.0116	P	0.5
8	☐			679.82	0.0000	P	4.0

$$y = 1.1706E-005 * x + 3.4156E-005$$

R = 0.9998

DL = 0.5947

BEC = 2.918

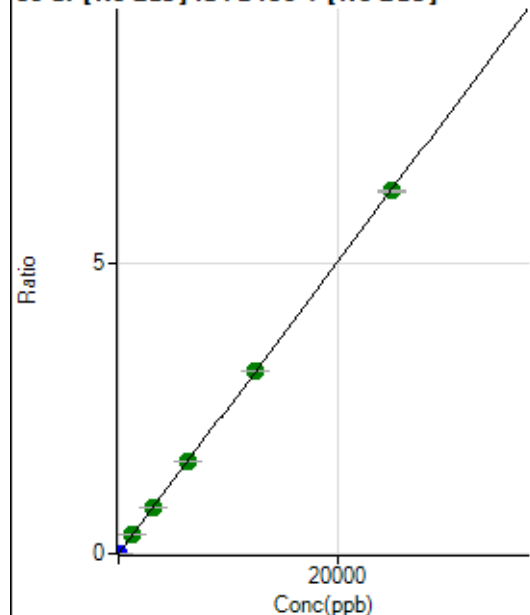
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			216.67		P	7.1
2	☐			197.78		P	6.4
3	☐			181.12		P	17.0
4	☐			197.78		P	20.6
5	☐			194.45		P	10.5
6	☐			208.89		P	11.2
7	☐			232.23		P	2.2
8	☐			303.34		P	2.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.23	0.0000	P	6.1
2	☐	1.000	0.993	4187.45	0.0003	P	3.9
3	☐	1250.000	1273.965	4978825.52	0.3199	A	1.1
4	☐	3125.000	3220.920	12175305.93	0.8088	A	0.7
5	☐	6250.000	6325.435	23405737.43	1.5884	A	0.8
6	☐	12500.000	12561.347	46557142.08	3.1544	A	0.7
7	☐	25000.000	24937.280	94124483.04	6.2622	A	0.6
8	☐			11112.03	0.0008	P	1.0

$$y = 2.5112E-004 * x + 2.1076E-005$$

$$R = 1.0000$$

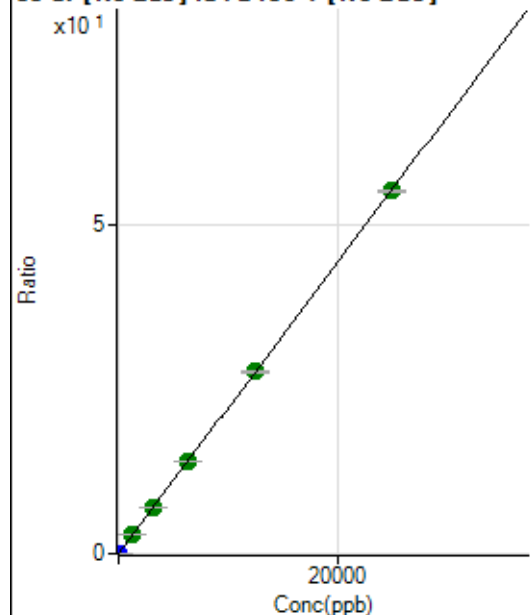
$$DL = 0.01533$$

$$BEC = 0.08393$$

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	213.34	0.0000	P	4.9
2	☐	1.000	0.961	33096.12	0.0021	P	0.7
3	☐	1250.000	1261.927	43389912.69	2.7881	A	0.7
4	☐	3125.000	3190.153	106098796.20	7.0482	A	0.6
5	☐	6250.000	6336.910	206297030.26	14.0005	A	0.7
6	☐	12500.000	12517.309	408177367.25	27.6552	A	1.2
7	☐	25000.000	24960.878	828867587.65	55.1474	A	0.6
8	☐			94080.63	0.0066	P	0.3

$$y = 0.0022 * x + 1.3952E-005$$

$$R = 1.0000$$

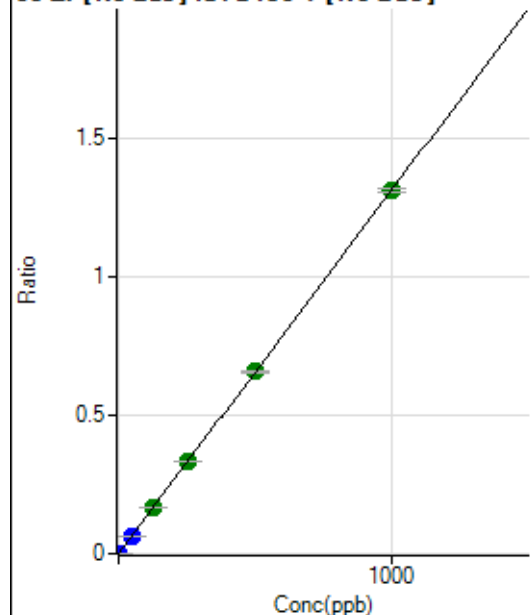
$$DL = 0.0009298$$

$$BEC = 0.006315$$

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	601.13	0.0000	P	6.7
2	☐	1.000	0.939	19707.74	0.0013	P	1.9
3	☐	50.000	49.232	1006820.66	0.0647	P	1.3
4	☐	125.000	127.882	2528761.09	0.1680	A	0.6
5	☐	250.000	252.239	4882059.02	0.3313	A	0.2
6	☐	500.000	501.434	9720528.05	0.6586	A	1.3
7	☐	1000.000	998.401	19711606.23	1.3113	A	1.0
8	☐			9589.87	0.0007	P	3.2

$$y = 0.0013 * x + 3.9318E-005$$

$$R = 1.0000$$

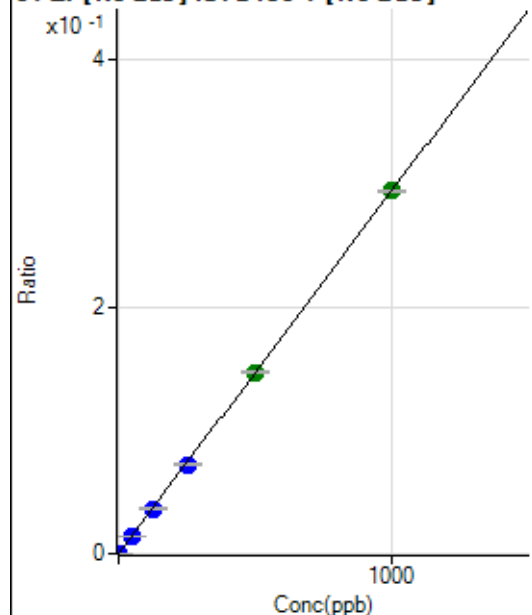
$$DL = 0.006051$$

$$BEC = 0.02994$$

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	111.11	0.0000	P	13.0
2	☐	1.000	0.946	4417.38	0.0003	P	2.4
3	☐	50.000	49.101	224559.45	0.0144	P	0.7
4	☐	125.000	124.493	550539.75	0.0366	P	0.8
5	☐	250.000	246.088	1065197.28	0.0723	P	0.5
6	☐	500.000	500.841	2171382.99	0.1471	A	1.8
7	☐	1000.000	1000.666	4418067.89	0.2939	A	0.3
8	☐			2142.40	0.0002	P	1.2

$$y = 2.9373E-004 * x + 7.2742E-006$$

$$R = 1.0000$$

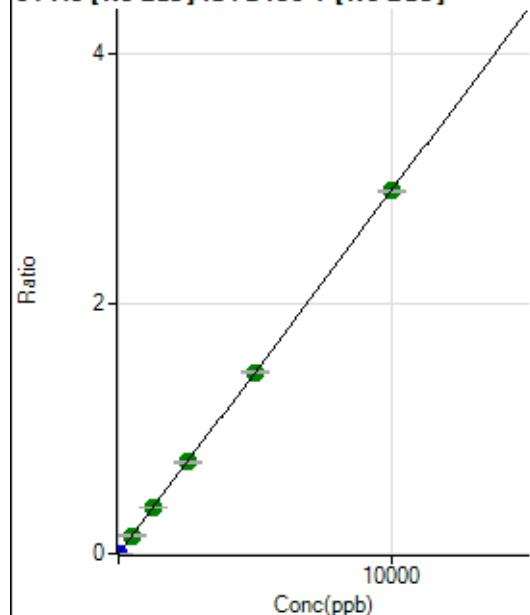
$$DL = 0.009679$$

$$BEC = 0.02477$$

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	206.67	0.0000	P	5.4
2	☐	5.000	5.090	23063.76	0.0015	P	1.2
3	☐	500.000	501.185	2262185.82	0.1454	A	1.4
4	☐	1250.000	1272.605	5555601.30	0.3691	A	1.1
5	☐	2500.000	2526.917	10798445.53	0.7329	A	1.0
6	☐	5000.000	5001.977	21410878.99	1.4507	A	1.8
7	☐	10000.000	9989.397	43544633.80	2.8971	A	0.4
8	☐			7114.01	0.0005	P	1.6

$$y = 2.9001\text{E-}004 * x + 1.3525\text{E-}005$$

$$R = 1.0000$$

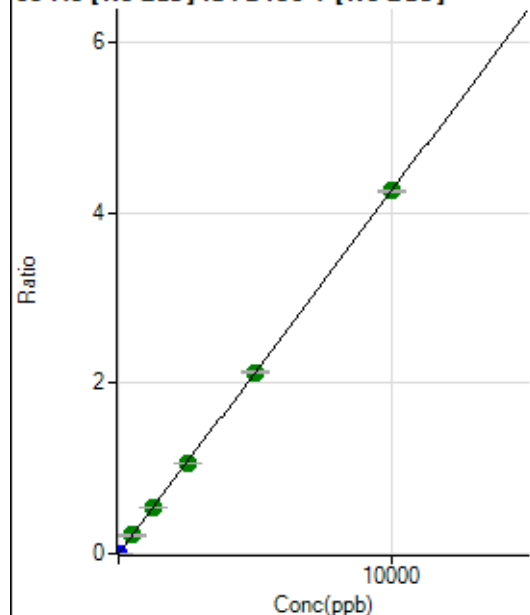
$$DL = 0.007553$$

$$BEC = 0.04663$$

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	34.45	0.0000	P	20.3
2	☐	5.000	4.217	27837.61	0.0018	P	0.6
3	☐	500.000	504.642	3344439.53	0.2149	A	1.4
4	☐	1250.000	1275.867	8178358.56	0.5433	A	1.0
5	☐	2500.000	2507.582	15734935.04	1.0678	A	0.3
6	☐	5000.000	4989.344	31359527.87	2.1247	A	1.0
7	☐	10000.000	9999.968	64006124.05	4.2585	A	0.5
8	☐			5292.10	0.0004	P	3.3

$$y = 4.2585\text{E-}004 * x + 2.2544\text{E-}006$$

$$R = 1.0000$$

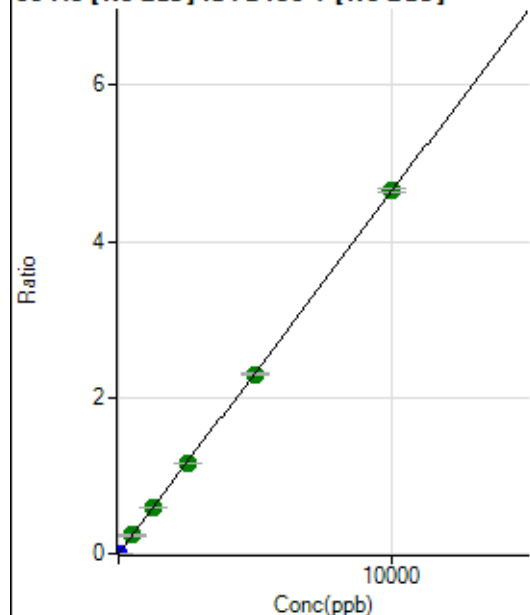
$$DL = 0.00323$$

$$BEC = 0.005294$$

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	114.45	0.0000	P	15.6
2	☐	5.000	4.323	31165.46	0.0020	P	2.2
3	☐	500.000	505.449	3649383.17	0.2345	A	0.9
4	☐	1250.000	1270.527	8872890.56	0.5894	A	0.6
5	☐	2500.000	2504.921	17123782.66	1.1621	A	0.9
6	☐	5000.000	4957.105	33943143.66	2.2997	A	1.0
7	☐	10000.000	10017.379	69846531.74	4.6473	A	1.1
8	☐			22879.13	0.0016	P	2.2

$$y = 4.6393\text{E-}004 * x + 7.4939\text{E-}006$$

$$R = 1.0000$$

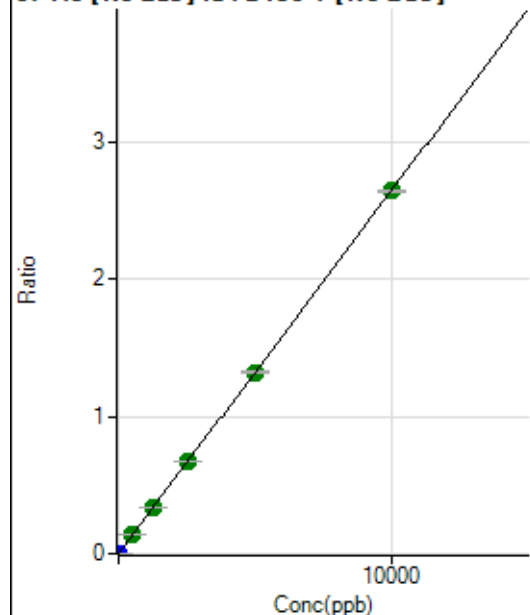
$$DL = 0.007565$$

$$BEC = 0.01615$$

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	34.44	0.0000	P	24.1
2	☐	5.000	4.237	17382.62	0.0011	P	2.3
3	☐	500.000	503.466	2072035.37	0.1331	A	0.1
4	☐	1250.000	1270.310	5056717.67	0.3359	A	0.3
5	☐	2500.000	2524.824	9838156.80	0.6677	A	0.6
6	☐	5000.000	4999.376	19512839.29	1.3221	A	1.2
7	☐	10000.000	9991.395	39711329.41	2.6422	A	0.8
8	☐			3140.37	0.0002	P	3.5

$$y = 2.6444\text{E-}004 * x + 2.2527\text{E-}006$$

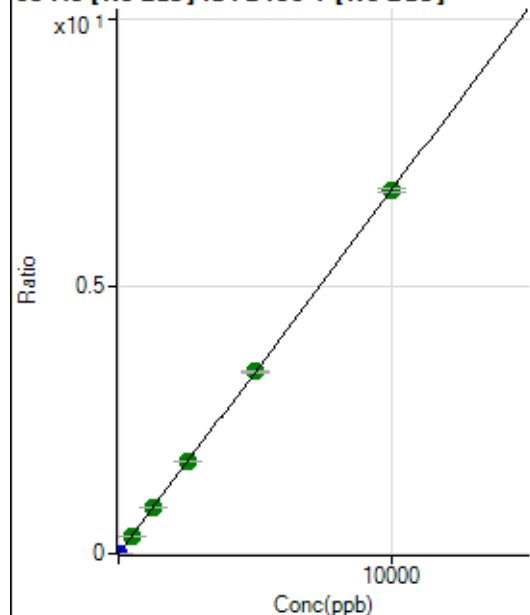
$$R = 1.0000$$

$$DL = 0.006149$$

$$BEC = 0.008519$$

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	56.67	0.0000	P	9.1
2	☐	5.000	4.267	45058.20	0.0029	P	0.5
3	☐	500.000	500.153	5301619.19	0.3407	A	0.4
4	☐	1250.000	1271.992	13041205.78	0.8664	A	0.7
5	☐	2500.000	2523.692	25328387.68	1.7189	A	0.6
6	☐	5000.000	5019.027	50455167.02	3.4185	A	1.2
7	☐	10000.000	9981.807	102186534.03	6.7987	A	0.9
8	☐			7142.92	0.0005	P	2.1

$$y = 6.8110\text{E-}004 * x + 3.7043\text{E-}006$$

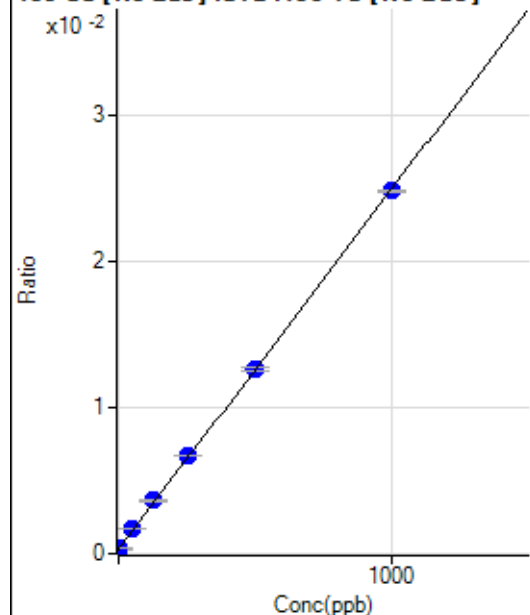
$$R = 1.0000$$

$$DL = 0.00149$$

$$BEC = 0.005439$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3223.72	0.0003	P	3.5
2	☐	1.000	1.340	3653.82	0.0003	P	1.0
3	☐	50.000	55.745	18696.56	0.0017	P	1.7
4	☐	125.000	136.338	41161.55	0.0037	P	3.1
5	☐	250.000	259.122	75944.84	0.0067	P	0.6
6	☐	500.000	500.368	145906.77	0.0126	P	2.7
7	☐	1000.000	995.831	286305.50	0.0248	P	0.8
8	☐			2692.50	0.0003	P	3.8

$$y = 2.4603\text{E-}005 * x + 2.9894\text{E-}004$$

$$R = 0.9999$$

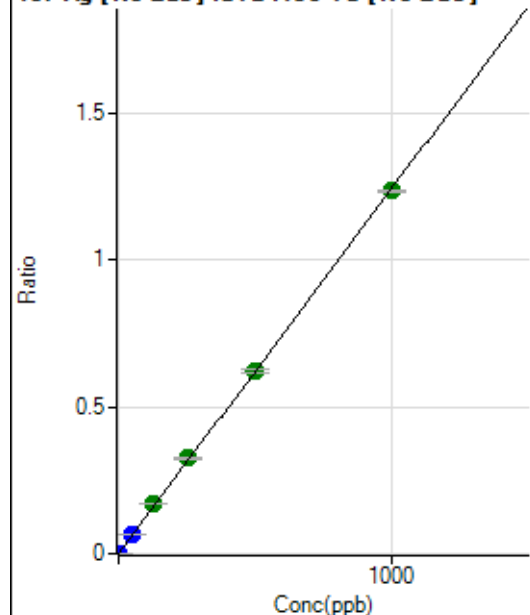
$$DL = 1.294$$

$$BEC = 12.15$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	19.6
2	☐	1.000	0.995	13676.55	0.0012	P	1.5
3	☐	50.000	53.237	739510.32	0.0661	P	0.3
4	☐	125.000	137.307	1920031.24	0.1704	A	1.8
5	☐	250.000	262.166	3701963.24	0.3253	A	1.0
6	☐	500.000	501.461	7201011.98	0.6223	A	1.7
7	☐	1000.000	994.528	14247775.90	1.2341	A	0.8
8	☐			653.36	0.0001	P	3.2

$$y = 0.0012 * x + 7.2160E-006$$

$$R = 0.9999$$

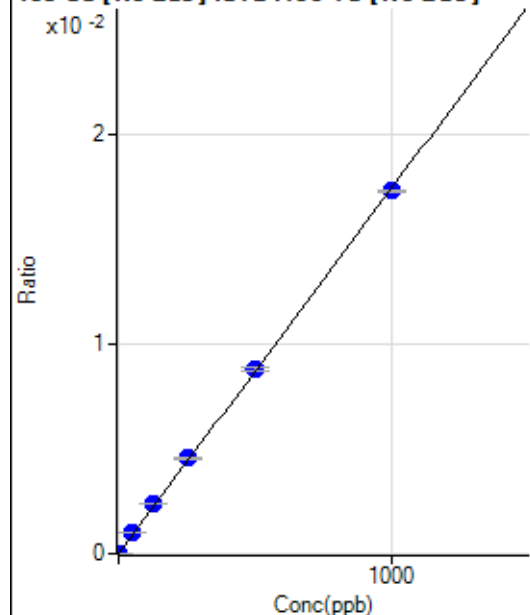
$$DL = 0.003416$$

$$BEC = 0.005815$$

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	6.67	0.0000	P	49.2
2	☐	1.000	1.151	227.78	0.0000	P	6.9
3	☐	50.000	56.518	11032.06	0.0010	P	2.0
4	☐	125.000	136.661	26844.89	0.0024	P	1.7
5	☐	250.000	261.207	51811.01	0.0046	P	0.7
6	☐	500.000	504.421	101737.94	0.0088	P	1.9
7	☐	1000.000	993.204	199855.27	0.0173	P	0.6
8	☐			75.56	0.0000	P	38.2

$$y = 1.7429E-005 * x + 6.1727E-007$$

$$R = 0.9999$$

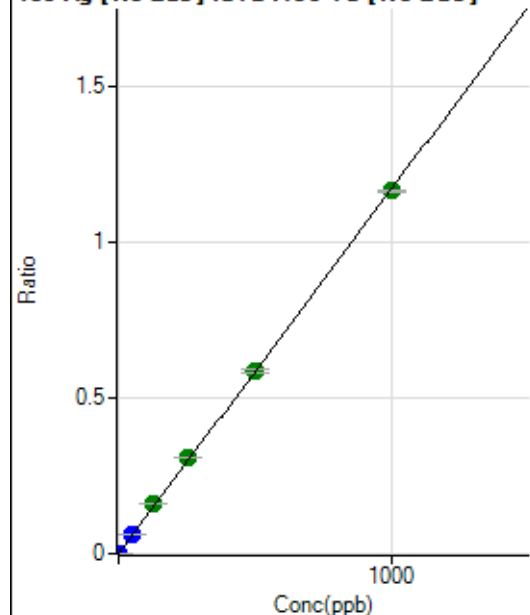
$$DL = 0.05232$$

$$BEC = 0.03542$$

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	25.56	0.0000	P	8.7
2	☐	1.000	1.004	12971.45	0.0012	P	2.2
3	☐	50.000	52.798	692221.38	0.0618	P	0.5
4	☐	125.000	137.015	1808492.16	0.1605	A	0.6
5	☐	250.000	261.752	3488820.64	0.3066	A	0.4
6	☐	500.000	501.057	6791627.82	0.5869	A	1.4
7	☐	1000.000	994.892	13453741.61	1.1653	A	0.5
8	☐			631.13	0.0001	P	8.2

$$y = 0.0012 * x + 2.3713E-006$$

$$R = 0.9999$$

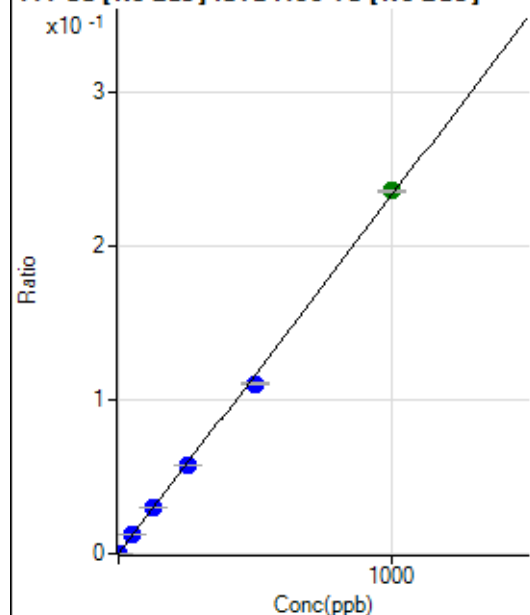
$$DL = 0.000528$$

$$BEC = 0.002024$$

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	322.15	0.0000	P	4.8
2	☐	1.000	1.053	3022.91	0.0003	P	6.5
3	☐	50.000	53.073	138518.85	0.0124	P	1.0
4	☐	125.000	129.026	338550.89	0.0300	P	0.8
5	☐	250.000	245.859	651142.54	0.0572	P	0.5
6	☐	500.000	474.770	1278371.88	0.1105	P	1.6
7	☐	1000.000	1012.994	2720865.71	0.2357	A	0.5
8	☐			445.25	0.0000	P	6.4

$$y = 2.3263E-004 * x + 2.9873E-005$$

$$R = 0.9995$$

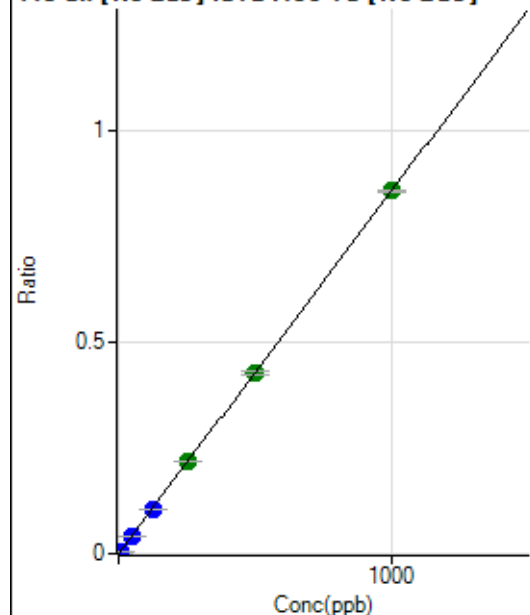
$$DL = 0.01842$$

$$BEC = 0.1284$$

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	1975.71	0.0002	P	6.6
2	☐	5.000	4.608	45553.98	0.0041	P	1.6
3	☐	50.000	49.678	479394.00	0.0428	P	1.6
4	☐	125.000	121.759	1179883.25	0.1047	P	1.2
5	☐	250.000	253.770	2481121.16	0.2180	A	0.3
6	☐	500.000	498.755	4956725.62	0.4284	A	1.8
7	☐	1000.000	1000.103	9913962.42	0.8587	A	0.2
8	☐			3609.38	0.0003	P	4.5

$$y = 8.5848\text{E-}004 * x + 1.8329\text{E-}004$$

$$R = 1.0000$$

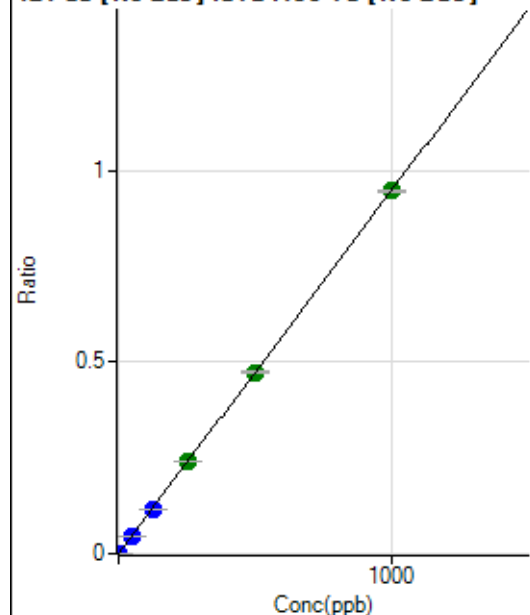
$$DL = 0.04233$$

$$BEC = 0.2135$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0000	P	20.1
2	☐	2.000	1.933	20240.97	0.0018	P	1.7
3	☐	50.000	49.877	529594.58	0.0473	P	0.7
4	☐	125.000	122.413	1308442.36	0.1161	P	1.1
5	☐	250.000	253.490	2736116.00	0.2405	A	0.3
6	☐	500.000	500.235	5490824.50	0.4745	A	1.3
7	☐	1000.000	999.339	10943644.42	0.9479	A	0.8
8	☐			2790.30	0.0003	P	3.3

$$y = 9.4854\text{E-}004 * x + 5.3670\text{E-}006$$

$$R = 1.0000$$

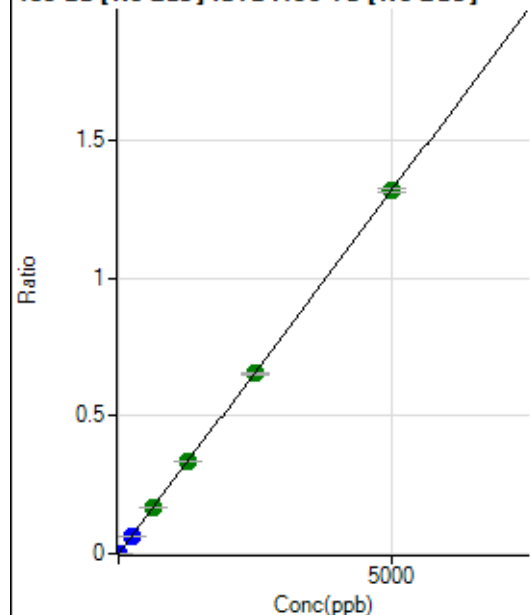
$$DL = 0.003406$$

$$BEC = 0.005658$$

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	96.66	0.0000	P	21.4
2	☐	10.000	8.969	26106.23	0.0024	P	1.6
3	☐	250.000	240.740	709925.64	0.0634	P	1.2
4	☐	625.000	641.957	1905780.36	0.1691	A	0.6
5	☐	1250.000	1277.496	3829574.77	0.3365	A	0.6
6	☐	2500.000	2487.381	7582962.25	0.6553	A	0.9
7	☐	5000.000	4997.781	15200452.83	1.3166	A	1.1
8	☐			4910.89	0.0005	P	3.9

$$y = 2.6344\text{E-}004 * x + 8.9635\text{E-}006$$

$$R = 1.0000$$

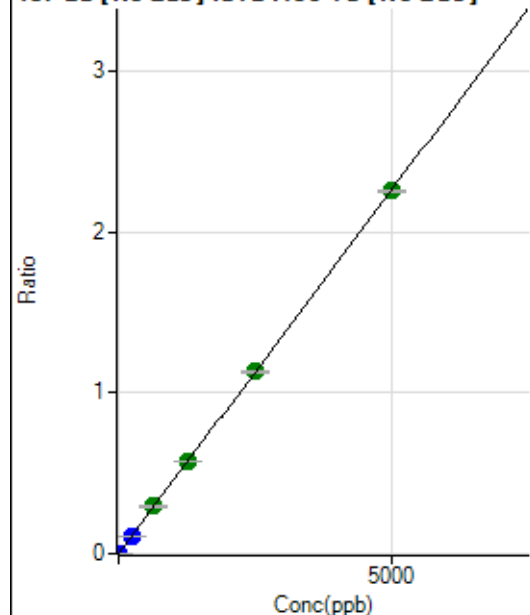
$$DL = 0.02188$$

$$BEC = 0.03403$$

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	157.78	0.0000	P	5.4
2	☐	10.000	9.146	45673.06	0.0041	P	2.6
3	☐	250.000	240.082	1215173.45	0.1086	P	0.5
4	☐	625.000	649.304	3308319.19	0.2936	A	0.9
5	☐	1250.000	1269.832	6533547.96	0.5742	A	0.7
6	☐	2500.000	2504.643	13105192.58	1.1325	A	1.2
7	☐	5000.000	4990.180	26049197.11	2.2563	A	0.4
8	☐			8232.45	0.0008	P	0.8

$$y = 4.5215\text{E-}004 * x + 1.4624\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.005195$$

$$BEC = 0.03234$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	99.0
2	☐			14.44		P	104.
3	☐			40.00		P	16.7
4	☐			85.55		P	22.8
5	☐			160.00		P	9.1
6	☐			320.01		P	13.1
7	☐			671.14		P	3.9
8	☐			186.67		P	6.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			10.00		P	33.3
3	☐			6.67		P	100.
4	☐			27.78		P	59.2
5	☐			53.33		P	18.8
6	☐			72.22		P	18.7
7	☐			146.67		P	13.6
8	☐			107.78		P	28.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	32.8
2	☐			72.22		P	5.3
3	☐			78.89		P	17.1
4	☐			86.67		P	27.7
5	☐			118.89		P	21.2
6	☐			161.12		P	26.2
7	☐			274.45		P	3.7
8	☐			401.12		P	2.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	47.2
2	☐			16.66		P	34.6
3	☐			63.33		P	19.0
4	☐			102.22		P	6.8
5	☐			188.89		P	21.8
6	☐			354.45		P	13.4
7	☐			673.36		P	9.9
8	☐			341.12		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	21.3
2	☐			43.33		P	20.4
3	☐			48.89		P	37.5
4	☐			53.33		P	18.8
5	☐			82.22		P	16.4
6	☐			101.11		P	23.9
7	☐			177.78		P	1.1
8	☐			361.12		P	12.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			372.23		P	1.9
2	☐			347.78		P	11.4
3	☐			312.23		P	23.5
4	☐			350.01		P	5.7
5	☐			364.45		P	9.2
6	☐			358.90		P	7.9
7	☐			372.23		P	7.2
8	☐			526.68		P	4.1

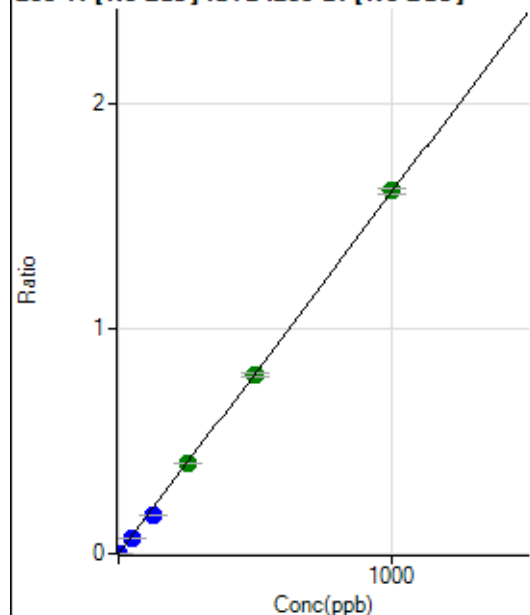
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	6.3
2	☐			78.89		P	38.1
3	☐			82.22		P	15.4
4	☐			101.11		P	23.4
5	☐			126.67		P	4.6
6	☐			151.11		P	7.7
7	☐			212.23		P	25.0
8	☐			422.23		P	9.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	18.4
2	☐			66.67		P	13.2
3	☐			75.56		P	11.1
4	☐			66.66		P	22.9
5	☐			104.45		P	26.8
6	☐			80.00		P	32.5
7	☐			137.78		P	16.5
8	☐			341.12		P	7.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	142.23	0.0000	P	17.2
2	☐	1.000	0.805	8163.62	0.0013	P	3.4
3	☐	50.000	42.314	431455.39	0.0679	P	1.8
4	☐	125.000	107.366	1113810.73	0.1722	P	1.5
5	☐	250.000	248.403	2659139.75	0.3984	A	0.5
6	☐	500.000	496.349	5404637.28	0.7960	A	1.6
7	☐	1000.000	1004.814	10566540.68	1.6113	A	1.3
8	☐			412.23	0.0001	P	5.5

$$y = 0.0016 * x + 2.3097E-005$$

$$R = 0.9998$$

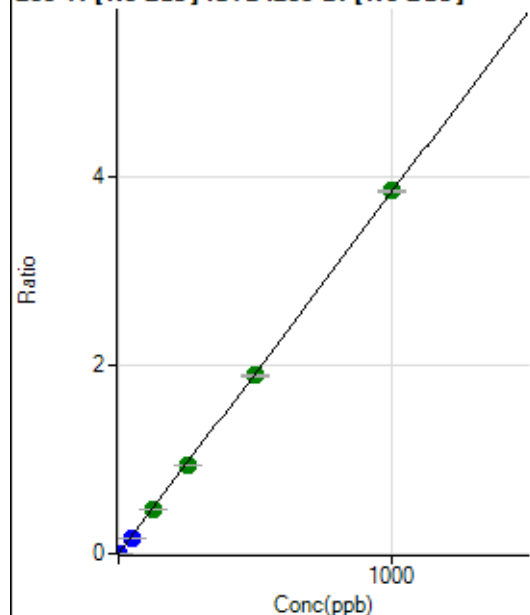
$$DL = 0.007434$$

$$BEC = 0.0144$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.12	0.0001	P	10.8
2	☐	1.000	0.809	19614.27	0.0032	P	2.9
3	☐	50.000	41.989	1022964.33	0.1609	P	0.6
4	☐	125.000	123.354	3057013.08	0.4726	A	1.5
5	☐	250.000	246.069	6292891.16	0.9427	A	0.4
6	☐	500.000	493.941	12849130.78	1.8923	A	1.3
7	☐	1000.000	1004.618	25238921.01	3.8486	A	0.5
8	☐			934.49	0.0002	P	4.0

$$y = 0.0038 * x + 5.5429E-005$$

$$R = 0.9999$$

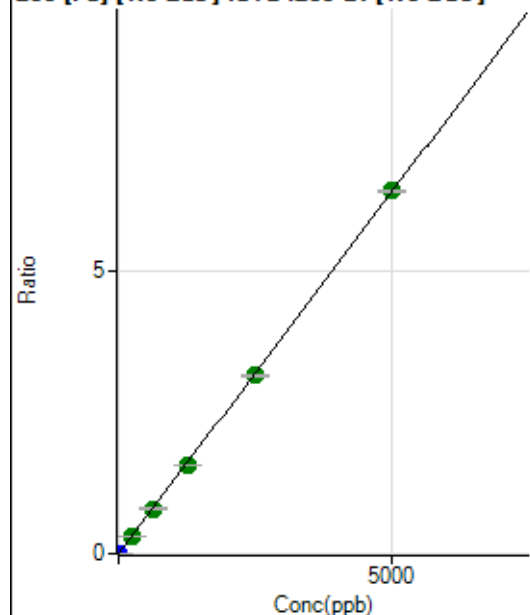
$$DL = 0.00467$$

$$BEC = 0.01447$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	414.45	0.0001	P	13.3
2	☐	1.000	0.816	6905.13	0.0011	P	4.1
3	☐	250.000	245.997	1999462.33	0.3146	A	2.3
4	☐	625.000	624.166	5161560.34	0.7980	A	2.9
5	☐	1250.000	1233.662	10528682.69	1.5773	A	0.5
6	☐	2500.000	2468.871	21434202.32	3.1564	A	0.6
7	☐	5000.000	5019.953	42088278.54	6.4179	A	0.3
8	☐			3993.96	0.0008	P	2.8

$$y = 0.0013 * x + 6.7367E-005$$

$$R = 1.0000$$

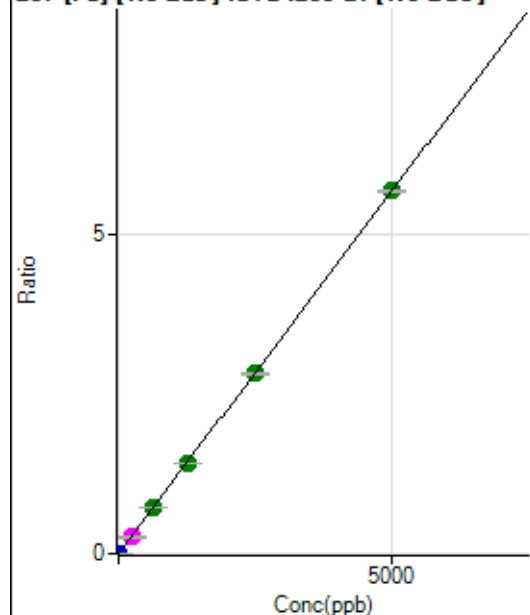
$$DL = 0.02105$$

$$BEC = 0.05269$$

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	368.90	0.0001	P	14.4
2	☐	1.000	0.826	6191.47	0.0010	P	2.6
3	☐	250.000	233.571	1684737.89	0.2648	M	8.9
4	☐	625.000	630.289	4622187.19	0.7146	A	1.1
5	☐	1250.000	1239.171	9377529.23	1.4048	A	0.4
6	☐	2500.000	2486.898	19143175.41	2.8192	A	1.6
7	☐	5000.000	5009.419	37241575.28	5.6788	A	0.2
8	☐			3594.97	0.0007	P	1.2

$$y = 0.0011 * x + 5.9906E-005$$

$$R = 1.0000$$

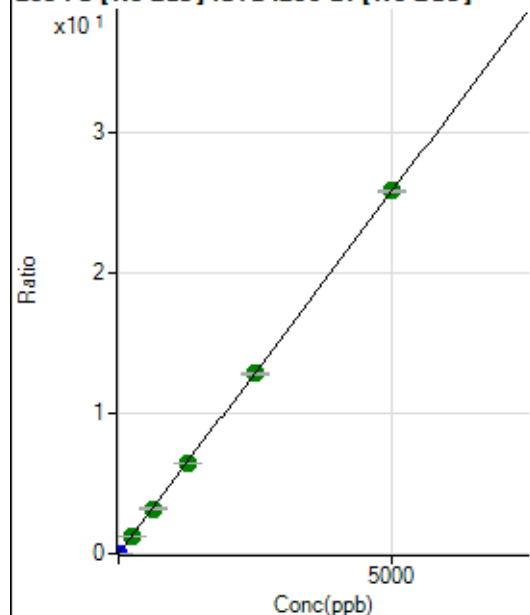
$$DL = 0.02283$$

$$BEC = 0.05284$$

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	1688.95	0.0003	P	8.0
2	☐	1.000	0.804	27436.52	0.0044	P	2.0
3	☐	250.000	243.422	7972043.43	1.2538	A	2.8
4	☐	625.000	623.918	20785154.94	3.2133	A	1.4
5	☐	1250.000	1239.534	42612255.48	6.3835	A	0.7
6	☐	2500.000	2484.371	86875122.60	12.7941	A	1.4
7	☐	5000.000	5010.895	169227830.26	25.8049	A	0.2
8	☐			16183.94	0.0031	P	2.1

$$y = 0.0051 * x + 2.7442E-004$$

$$R = 1.0000$$

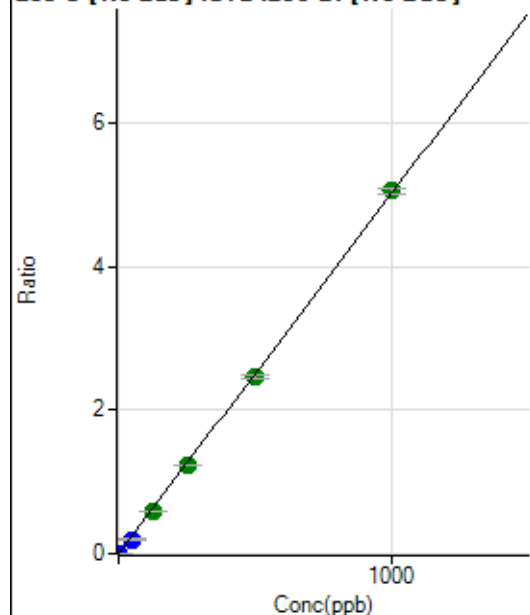
$$DL = 0.01276$$

$$BEC = 0.05329$$

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	20.00	0.0000	P	32.9
2	☐	1.000	0.748	23349.40	0.0038	P	1.6
3	☐	50.000	39.952	1274627.53	0.2005	P	1.2
4	☐	125.000	119.116	3866674.98	0.5978	A	1.7
5	☐	250.000	244.721	8198230.02	1.2281	A	0.9
6	☐	500.000	489.719	16688754.34	2.4577	A	1.8
7	☐	1000.000	1007.699	33164188.40	5.0572	A	1.6
8	☐			286.67	0.0001	P	3.0

$$y = 0.0050 * x + 3.2476E-006$$

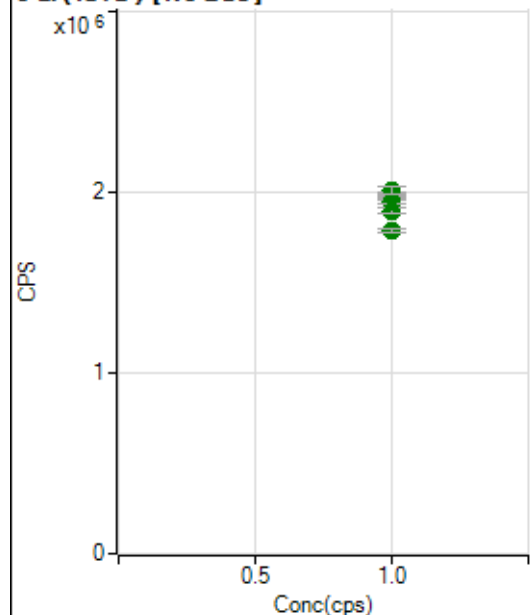
$$R = 0.9999$$

$$DL = 0.0006383$$

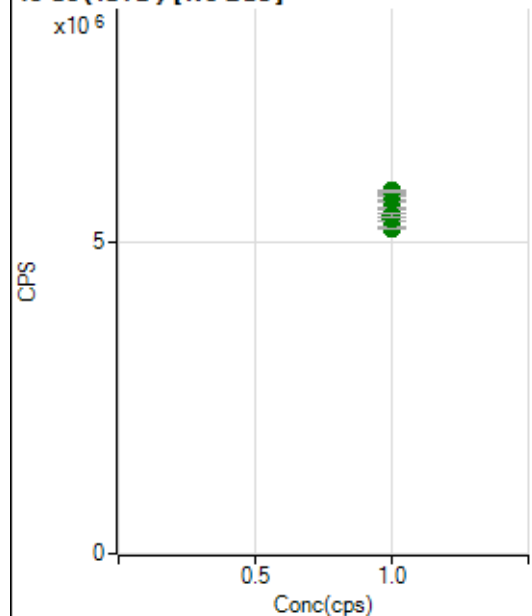
$$BEC = 0.0006471$$

Weight: <None>

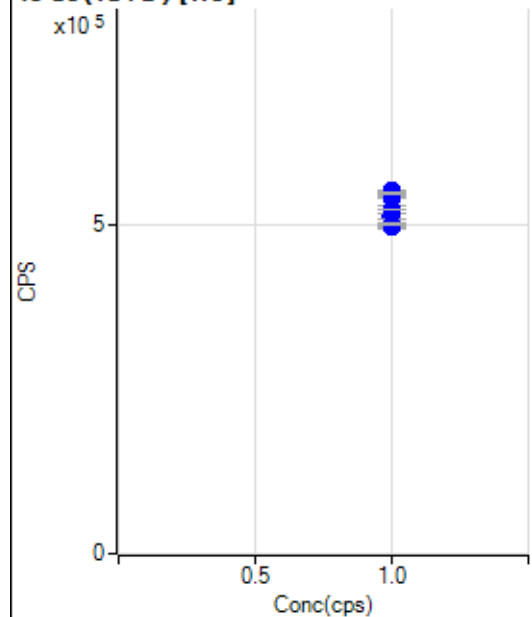
Min Conc: 0

6 Li (ISTD) [No Gas]

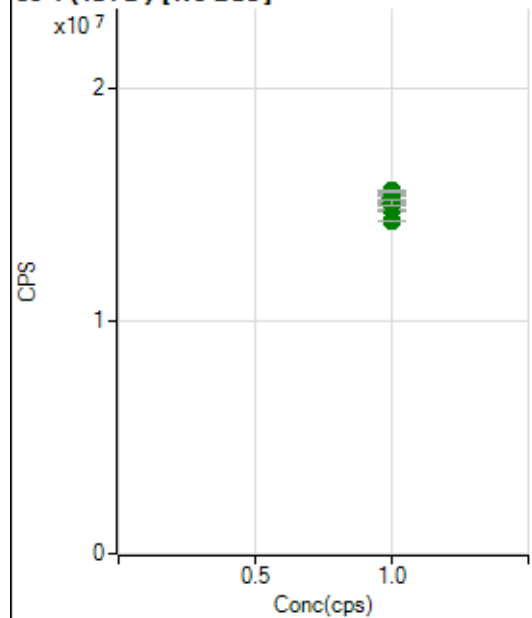
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1900510.02		A	2.1
2	☐	1.000		1945119.52		A	1.1
3	☐	1.000		1985739.89		A	1.4
4	☐	1.000		1993321.81		A	0.9
5	☐	1.000		1998243.11		A	0.6
6	☐	1.000		1988782.66		A	0.9
7	☐	1.000		2009553.51		A	2.0
8	☐	1.000		1789862.94		A	0.8

45 Sc (ISTD) [No Gas]

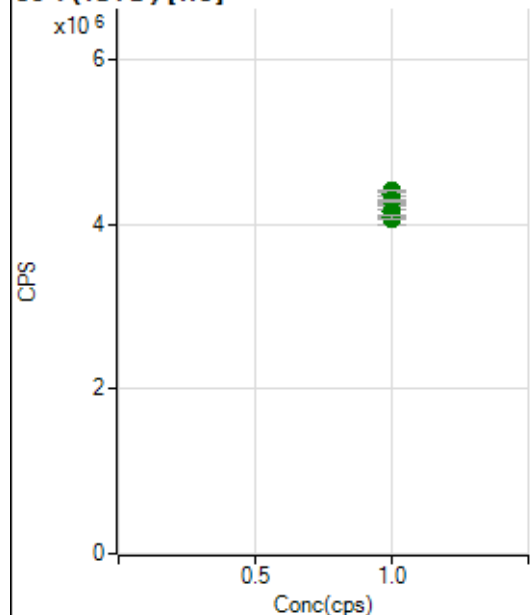
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5665201.45		A	0.3
2	☐	1.000		5762636.09		A	0.3
3	☐	1.000		5832341.72		A	0.6
4	☐	1.000		5543097.35		A	0.4
5	☐	1.000		5248700.79		A	0.8
6	☐	1.000		5232047.35		A	0.8
7	☐	1.000		5372103.39		A	1.1
8	☐	1.000		5438567.04		A	1.0

45 Sc (ISTD) [He]

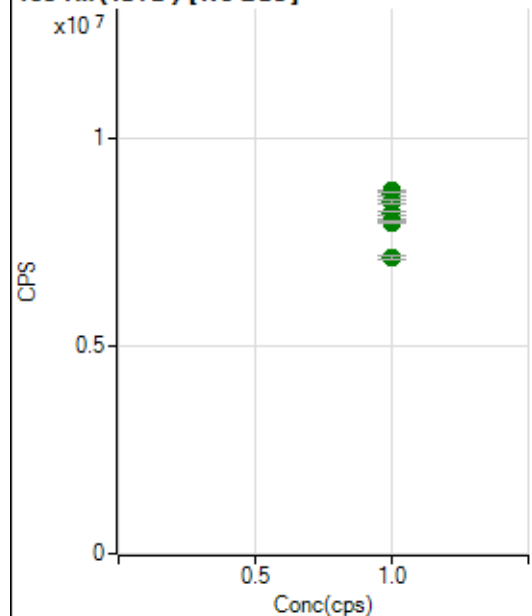
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		542085.34		P	0.4
2	☐	1.000		551550.79		P	0.1
3	☐	1.000		511113.10		P	6.5
4	☐	1.000		513290.97		P	2.0
5	☐	1.000		496823.29		P	0.6
6	☐	1.000		500661.88		P	0.5
7	☐	1.000		524325.70		P	0.1
8	☐	1.000		547975.80		P	0.8

89 Y (ISTD) [No Gas]

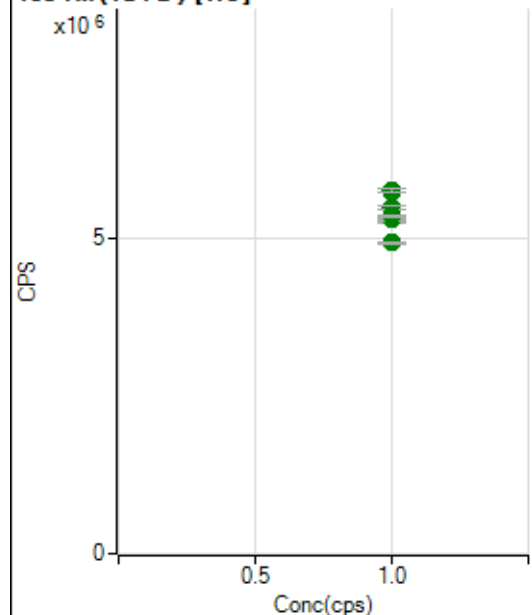
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15286993.94		A	1.1
2	☐	1.000		15483242.83		A	0.5
3	☐	1.000		15562915.88		A	0.8
4	☐	1.000		15053348.11		A	1.0
5	☐	1.000		14735252.56		A	0.5
6	☐	1.000		14759586.03		A	0.1
7	☐	1.000		15030873.11		A	1.4
8	☐	1.000		14270336.04		A	0.2

89 Y (ISTD) [He]

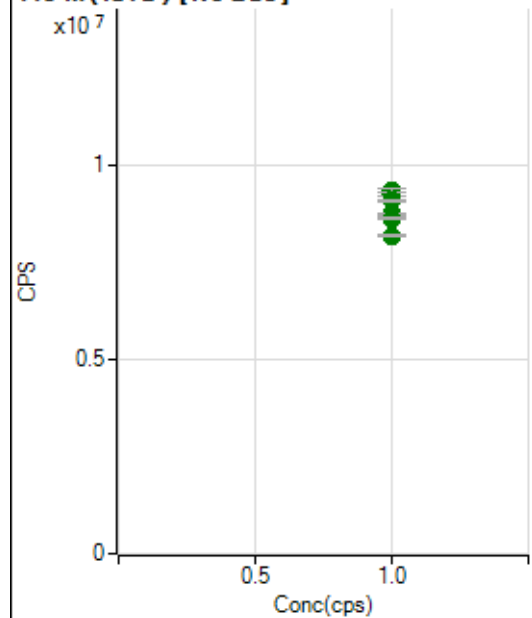
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4368892.47		A	1.1
2	☐	1.000		4411272.23		A	0.5
3	☐	1.000		4098974.83		A	4.6
4	☐	1.000		4169682.02		A	3.2
5	☐	1.000		4068658.52		A	0.2
6	☐	1.000		4089410.95		A	0.7
7	☐	1.000		4239139.45		A	0.7
8	☐	1.000		4296495.28		A	0.3

103 Rh (ISTD) [No Gas]

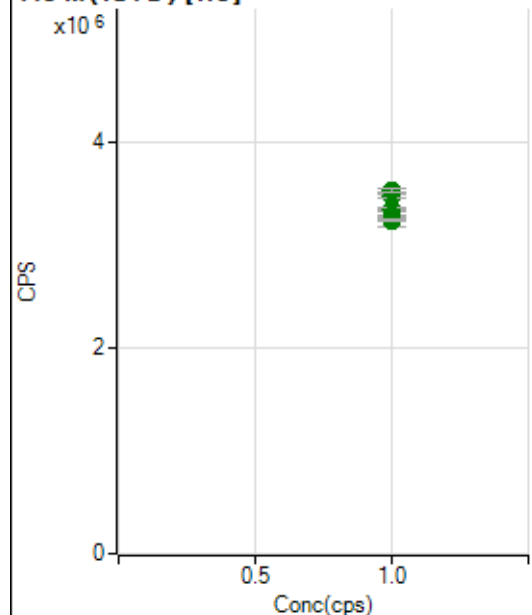
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8682207.51		A	1.3
2	☐	1.000		8748977.85		A	0.5
3	☐	1.000		8685856.88		A	0.9
4	☐	1.000		8505757.44		A	1.1
5	☐	1.000		8196310.36		A	1.0
6	☐	1.000		8007029.05		A	1.0
7	☐	1.000		7992718.14		A	0.9
8	☐	1.000		7129200.10		A	1.1

103 Rh (ISTD) [He]

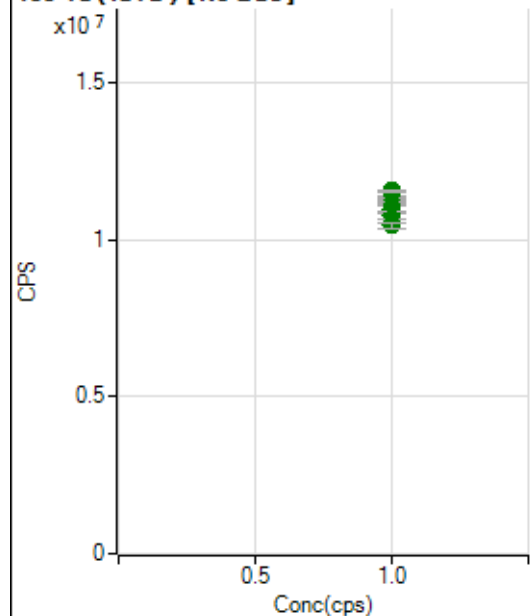
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5730196.93		A	0.2
2	☐	1.000		5749449.71		A	1.1
3	☐	1.000		5350312.56		A	3.6
4	☐	1.000		5488134.36		A	1.5
5	☐	1.000		5304777.53		A	0.8
6	☐	1.000		5299297.56		A	0.5
7	☐	1.000		5348990.82		A	1.1
8	☐	1.000		4927606.77		A	0.3

115 In (ISTD) [No Gas]

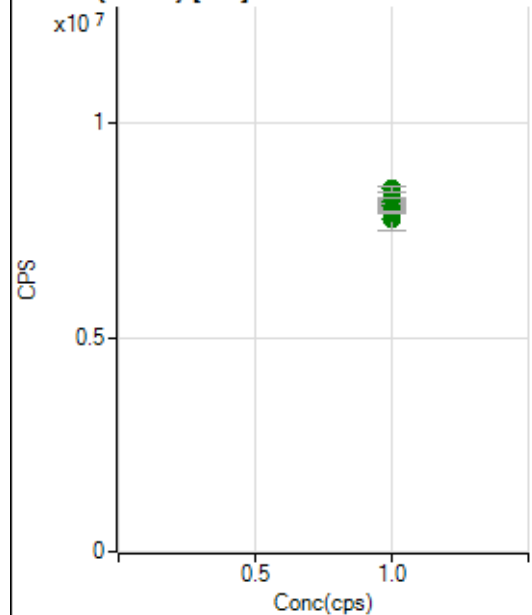
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9109294.02		A	0.4
2	☐	1.000		9269800.97		A	1.1
3	☐	1.000		9350913.00		A	1.0
4	☐	1.000		9100818.55		A	0.2
5	☐	1.000		8759181.19		A	0.3
6	☐	1.000		8697154.04		A	1.4
7	☐	1.000		8645002.51		A	1.0
8	☐	1.000		8192775.94		A	0.4

115 In (ISTD) [He]

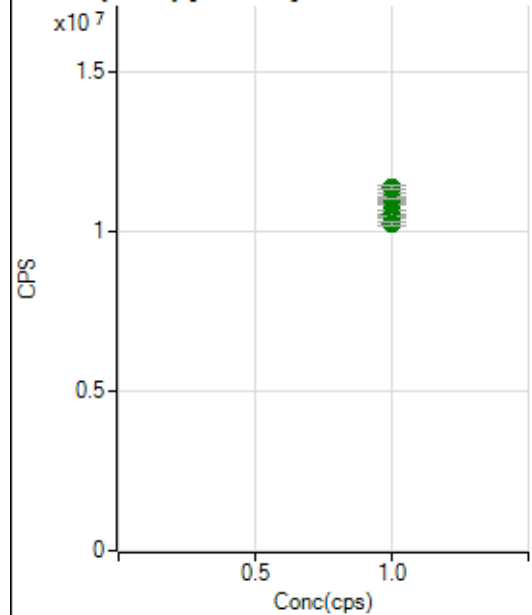
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3476642.31		A	1.3
2	☐	1.000		3527348.45		A	1.1
3	☐	1.000		3259801.60		A	4.8
4	☐	1.000		3343938.20		A	1.5
5	☐	1.000		3282082.29		A	0.5
6	☐	1.000		3248063.71		A	1.3
7	☐	1.000		3244083.82		A	0.4
8	☐	1.000		3241238.18		A	0.4

159 Tb (ISTD) [No Gas]

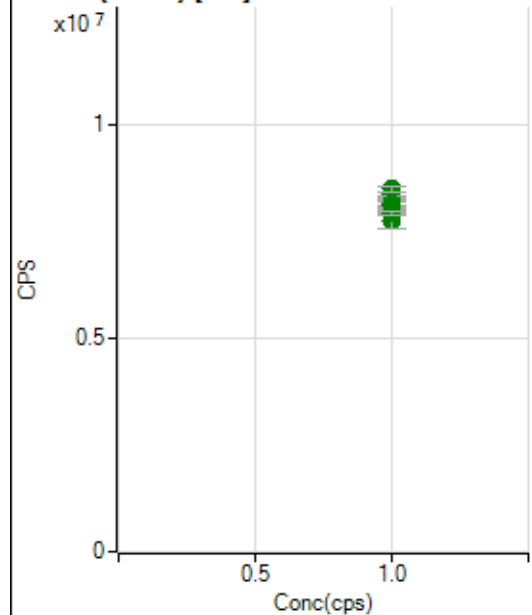
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10785226.85		A	1.5
2	☐	1.000		11008122.61		A	1.2
3	☐	1.000		11192944.56		A	0.7
4	☐	1.000		11268653.17		A	0.7
5	☐	1.000		11379156.22		A	0.5
6	☐	1.000		11572584.14		A	0.8
7	☐	1.000		11544750.52		A	0.5
8	☐	1.000		10460441.17		A	1.5

159 Tb (ISTD) [He]

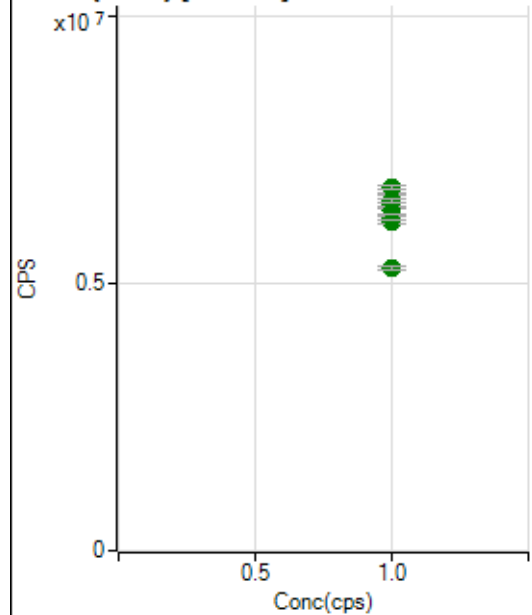
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8000140.99		A	1.4
2	☐	1.000		8088192.59		A	0.4
3	☐	1.000		7781745.65		A	7.5
4	☐	1.000		8066724.33		A	2.2
5	☐	1.000		8172714.11		A	0.6
6	☐	1.000		8251771.54		A	0.3
7	☐	1.000		8469134.11		A	1.3
8	☐	1.000		7914736.82		A	0.6

165 Ho (ISTD) [No Gas]

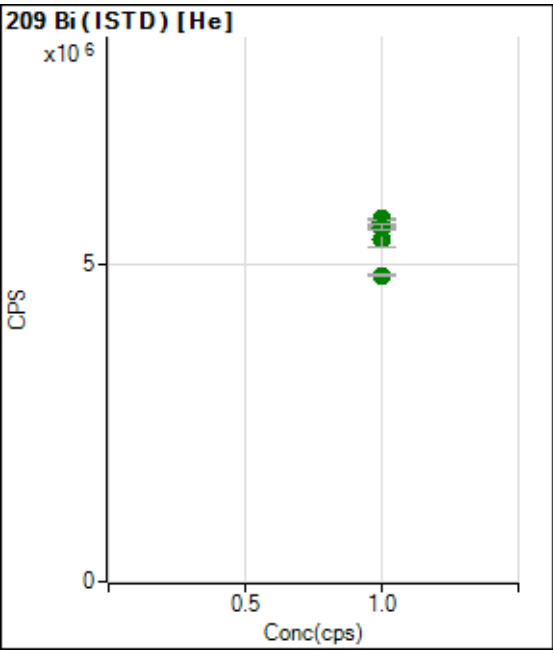
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10476382.90		A	1.2
2	☐	1.000		10579539.08		A	1.4
3	☐	1.000		10879889.28		A	1.0
4	☐	1.000		11012561.64		A	0.4
5	☐	1.000		11065804.42		A	0.9
6	☐	1.000		11348889.97		A	1.9
7	☐	1.000		11376461.50		A	1.0
8	☐	1.000		10243877.90		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8062600.36		A	0.2
2	☐	1.000		8152628.56		A	0.8
3	☐	1.000		7741395.37		A	4.5
4	☐	1.000		8137924.74		A	2.6
5	☐	1.000		8321615.78		A	0.2
6	☐	1.000		8367824.46		A	1.1
7	☐	1.000		8506361.61		A	1.5
8	☐	1.000		7950814.95		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6153463.10		A	0.8
2	☐	1.000		6218445.12		A	1.4
3	☐	1.000		6357753.72		A	1.8
4	☐	1.000		6468966.08		A	1.0
5	☐	1.000		6675331.01		A	0.2
6	☐	1.000		6790830.59		A	1.0
7	☐	1.000		6558048.31		A	0.8
8	☐	1.000		5294191.24		A	1.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5587217.28		A	0.9
2	☐	1.000		5613641.51		A	0.6
3	☐	1.000		5401296.62		A	4.9
4	☐	1.000		5669535.54		A	1.4
5	☐	1.000		5712408.32		A	0.5
6	☐	1.000		5698776.44		A	0.2
7	☐	1.000		5580342.28		A	1.6
8	☐	1.000		4818796.53		A	0.6