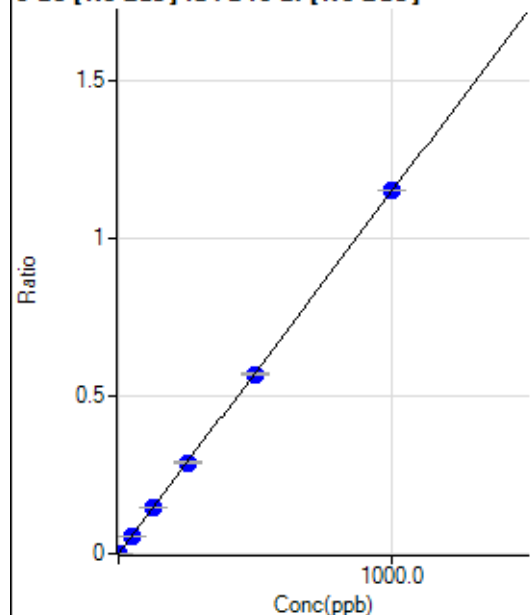


Batch Folder: D:\ICP-MS Data\P7060617 .b\
Analysis File: P7060617 .batch.bin
DA Date-Time: 2017-06-06 16:56:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2017-06-06 11:14:47
2			
3	006CALS.d	S02	2017-06-06 11:22:26
4	007CALS.d	S03	2017-06-06 11:26:16
5	008CALS.d	S04	2017-06-06 11:30:25
6	009CALS.d	S05	2017-06-06 11:34:07
7	010CALS.d	S06	2017-06-06 11:37:47
8	011CALS.d	S07	2017-06-06 11:41:21
9	012CALS.d	S08	2017-06-06 11:44:55

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.52	0.0000	P	4.2
2	☐	0.100					
3	☐	1.000	0.914	2340.98	0.0011	P	2.0
4	☐	50.000	50.023	124924.07	0.0575	P	1.3
5	☐	125.000	126.002	311914.11	0.1447	P	0.2
6	☐	250.000	251.507	622632.36	0.2887	P	0.8
7	☐	500.000	494.926	1211233.66	0.5682	P	0.8
8	☐	1000.000	1002.034	2416251.38	1.1503	P	0.1
9	☐			814.86	0.0004	P	3.5

$$y = 0.0011 * x + 3.2534E-005$$

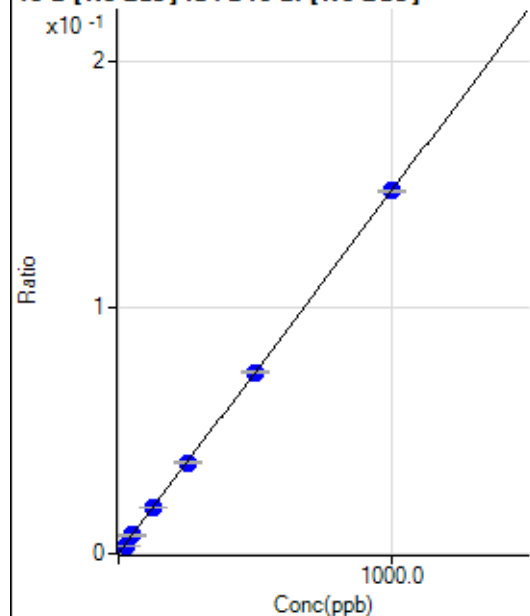
$$R = 1.0000$$

$$DL = 0.003608$$

$$BEC = 0.02834$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0001	P	48.2
2	☐	2.500					
3	☐	25.000	22.356	7357.67	0.0034	P	0.9
4	☐	50.000	50.038	16276.04	0.0075	P	2.7
5	☐	125.000	126.277	40390.98	0.0187	P	1.0
6	☐	250.000	250.619	79961.40	0.0371	P	1.1
7	☐	500.000	499.432	157314.24	0.0738	P	0.8
8	☐	1000.000	1000.034	310159.75	0.1477	P	0.8
9	☐			8661.19	0.0044	P	7.2

$$y = 1.4754E-004 * x + 1.0295E-004$$

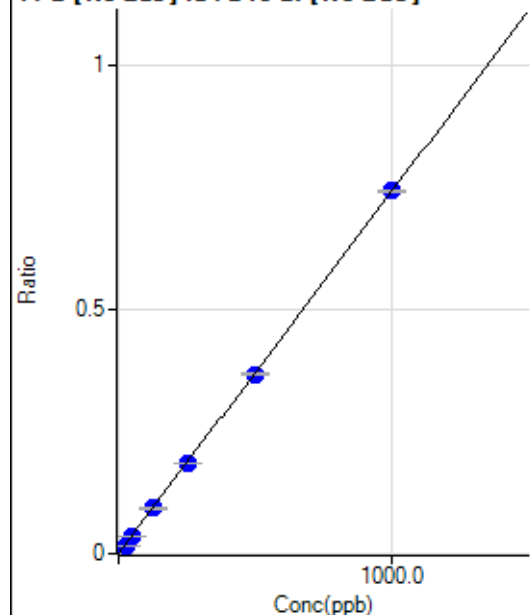
$$R = 1.0000$$

$$DL = 1.01$$

$$BEC = 0.6978$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1066.75	0.0005	P	3.4
2	☐	2.500					
3	☐	25.000	22.412	36932.12	0.0171	P	1.9
4	☐	50.000	49.470	80617.78	0.0371	P	0.8
5	☐	125.000	125.149	200548.03	0.0930	P	1.8
6	☐	250.000	250.149	399855.01	0.1854	P	0.9
7	☐	500.000	495.732	782330.38	0.3670	P	1.0
8	☐	1000.000	1002.169	1557279.48	0.7413	P	0.5
9	☐			43795.18	0.0222	P	7.7

$$y = 7.3923\text{E-}004 * x + 5.0651\text{E-}004$$

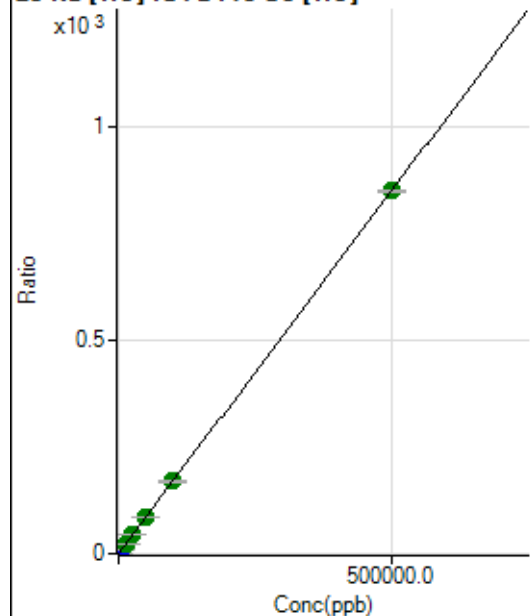
$$R = 1.0000$$

$$DL = 0.06948$$

$$BEC = 0.6852$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19085.02	0.0651	P	1.7
2	☐	50.000					
3	☐	500.000	468.435	250137.40	0.8600	P	0.8
4	☐	5000.000	5121.464	2599745.93	8.7557	P	0.5
5	☐	12500.000	12696.439	6299693.85	21.6097	A	0.4
6	☐	25000.000	25418.450	12707807.14	43.1977	A	0.2
7	☐	50000.000	50385.834	24884568.61	85.5649	A	0.4
8	☐	100000.00	99452.740	49856025.42	168.8265	A	0.3
9	☐	500000.00	500043.85	252931211.2	848.5899	A	0.3

$$y = 0.0017 * x + 0.0651$$

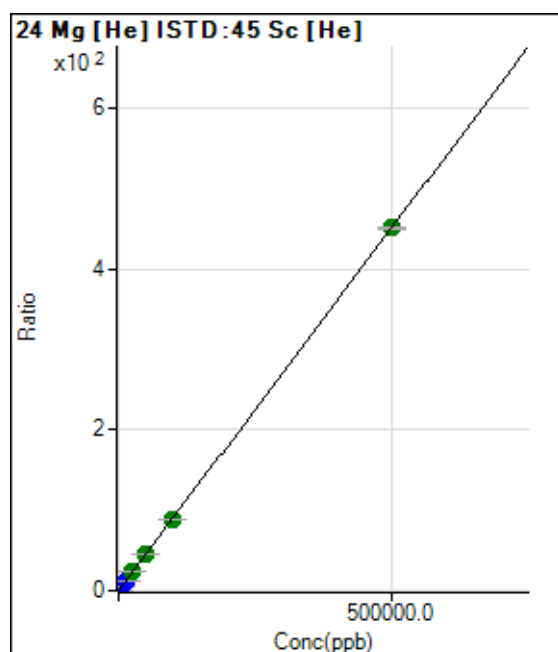
$$R = 1.0000$$

$$DL = 1.948$$

$$BEC = 38.37$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	833.39	0.0028	P	15.1
2	☐	50.000					
3	☐	500.000	463.027	122460.43	0.4210	P	1.3
4	☐	5000.000	5102.470	1369157.18	4.6111	P	0.1
5	☐	12500.000	12779.518	3365505.72	11.5446	P	0.2
6	☐	25000.000	25425.113	6755776.80	22.9654	A	0.5
7	☐	50000.000	50143.734	13171391.27	45.2899	A	0.7
8	☐	100000.00	98768.542	26343054.58	89.2052	A	0.1
9	☐	500000.00	500202.68	134650414.1	451.7587	A	0.2

$$y = 9.0315\text{E-}004 * x + 0.0028$$

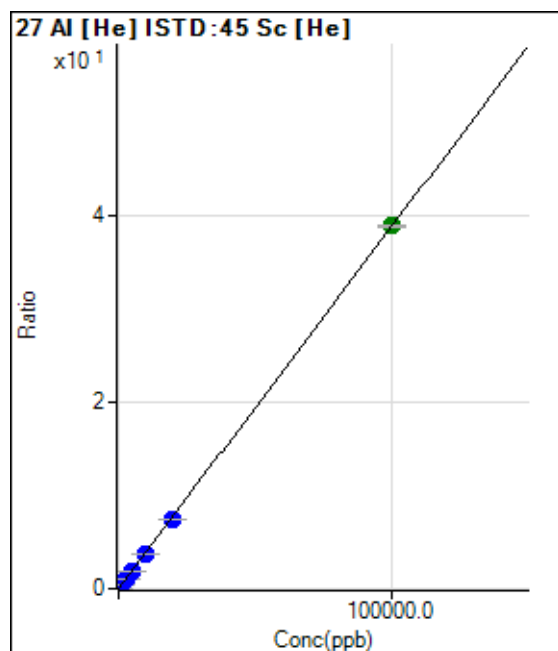
R = 1.0000

DL = 1.43

BEC = 3.149

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0002	P	0.4
2	☐	2.000					
3	☐	20.000	17.655	2061.35	0.0071	P	6.2
4	☐	1000.000	971.482	112106.82	0.3776	P	1.2
5	☐	2500.000	2435.024	275785.97	0.9460	P	0.8
6	☐	5000.000	4827.461	551669.98	1.8753	P	0.2
7	☐	10000.000	9633.056	1088241.59	3.7418	P	0.0
8	☐	20000.000	18928.892	2171254.56	7.3525	P	0.2
9	☐	100000.00	100261.45	11607411.63	38.9431	A	0.7

$$y = 3.8841\text{E-}004 * x + 2.2744\text{E-}004$$

R = 0.9999

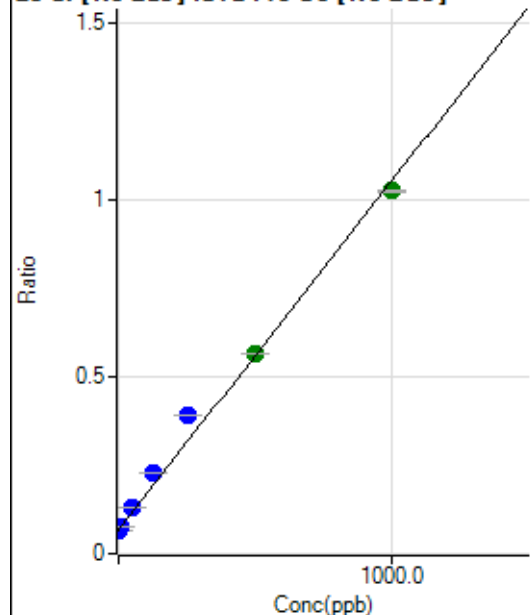
DL = 0.00715

BEC = 0.5856

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	453421.23	0.0676	P	0.6
2	☐	1.000					
3	☐	10.000	8.694	528954.82	0.0761	P	1.3
4	☐	50.000	62.649	903917.60	0.1294	P	0.5
5	☐	125.000	164.109	1602812.84	0.2295	P	0.5
6	☐	250.000	329.273	2745375.54	0.3924	P	1.0
7	☐	500.000	504.895	3893686.55	0.5657	A	0.3
8	☐	1000.000	972.226	7150592.17	1.0268	A	0.5
9	☐			550951.04	0.0814	P	0.5

$$y = 9.8669\text{E-}004 * x + 0.0676$$

$$R = 0.9959$$

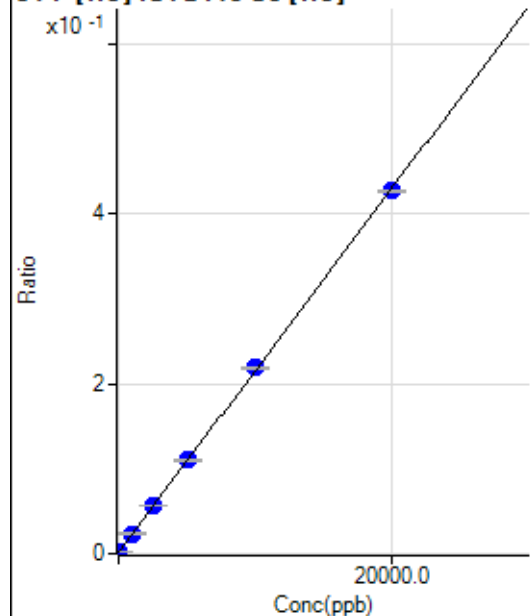
$$DL = 1.162$$

$$BEC = 68.47$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	3.764	444.47	0.0015	P	2.6
2	☐	0.000					
3	☐	0.000	-3.764	394.47	0.0014	P	19.9
4	☐	1000.000	1027.617	6946.35	0.0234	P	5.2
5	☐	2500.000	2534.232	16203.80	0.0556	P	0.6
6	☐	5000.000	5098.514	32466.94	0.1104	P	2.0
7	☐	10000.000	10163.915	63575.17	0.2186	P	0.7
8	☐	20000.000	19887.754	125908.37	0.4264	P	0.6
9	☐			450.02	0.0015	P	12.4

$$y = 2.1367\text{E-}005 * x + 0.0014$$

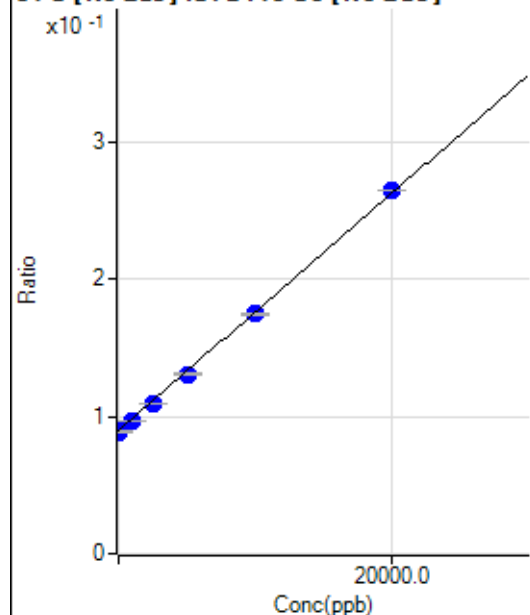
$$R = 0.9999$$

$$DL = 21.69$$

$$BEC = 67.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	134.799	612142.06	0.0912	P	0.5
2	☐	0.000					
3	☐	0.000	-134.799	617484.23	0.0889	P	0.8
4	☐	1000.000	816.268	678384.92	0.0971	P	0.6
5	☐	2500.000	2244.801	764310.54	0.1094	P	1.1
6	☐	5000.000	4752.772	917087.33	0.1311	P	0.6
7	☐	10000.000	9797.075	1202124.06	0.1747	P	0.2
8	☐	20000.000	20204.356	1842266.95	0.2646	P	0.1
9	☐			596429.60	0.0881	P	1.5

$$y = 8.6372\text{E-}006 * x + 0.0900$$

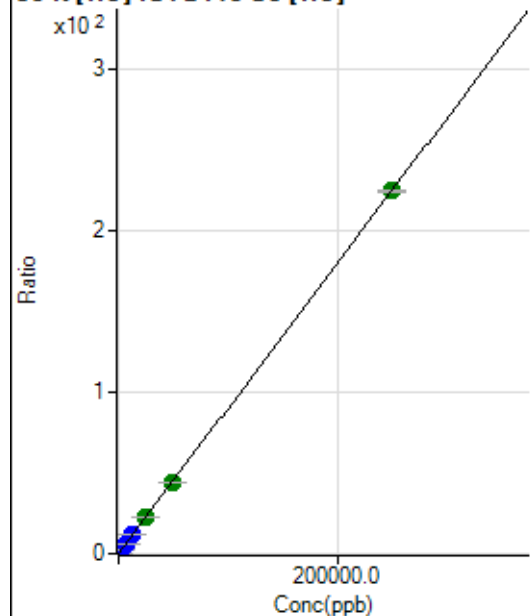
$$R = 0.9997$$

$$DL = 204.8$$

$$BEC = 1.043\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38916.00	0.1328	P	0.8
2	☐	50.000					
3	☐	500.000	451.356	156262.31	0.5372	P	0.8
4	☐	2500.000	2485.817	700807.85	2.3603	P	1.2
5	☐	6250.000	6224.290	1664700.32	5.7104	P	0.3
6	☐	12500.000	12508.720	3336452.87	11.3420	P	0.7
7	☐	25000.000	24802.393	6502400.15	22.3584	A	0.5
8	☐	50000.000	48918.212	12984330.24	43.9689	A	0.3
9	☐	250000.00	250236.56	66877089.69	224.3724	A	0.8

$$y = 8.9611\text{E-}004 * x + 0.1328$$

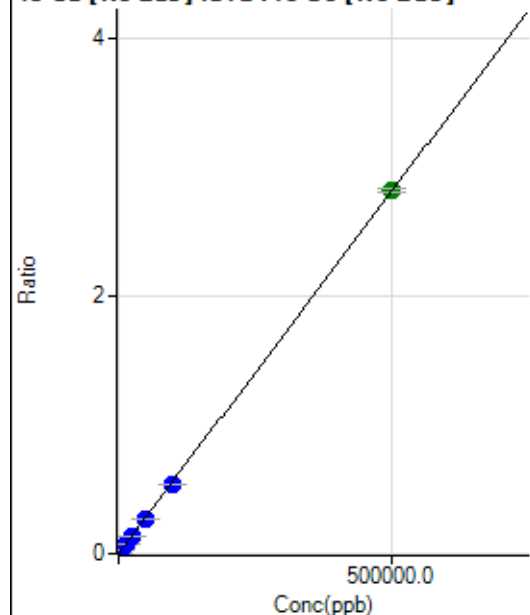
$$R = 1.0000$$

$$DL = 3.68$$

$$BEC = 148.1$$

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	430.58	0.0001	P	14.6
2	☐	50.000					
3	☐	500.000	440.640	17666.91	0.0025	P	1.9
4	☐	5000.000	4853.168	191203.35	0.0274	P	0.4
5	☐	12500.000	12142.299	477538.33	0.0684	P	0.3
6	☐	25000.000	24284.376	956152.26	0.1367	P	0.3
7	☐	50000.000	48374.836	1873431.95	0.2722	P	0.5
8	☐	100000.00	96237.804	3770548.04	0.5415	P	0.4
9	☐	500000.00	500961.20	19073896.26	2.8182	A	1.0

$$y = 5.6256E-006 * x + 6.4151E-005$$

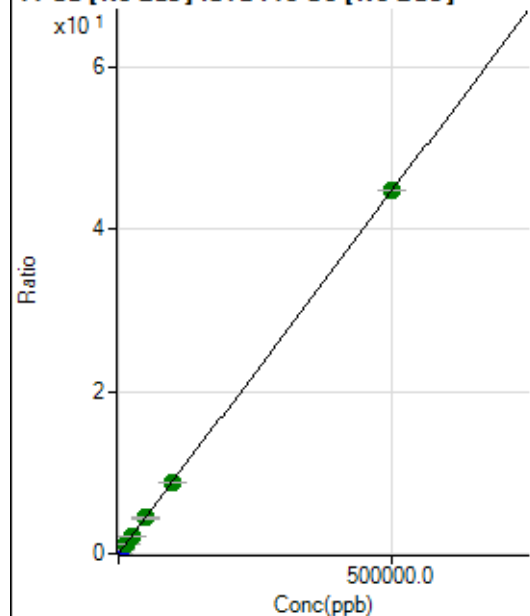
$$R = 1.0000$$

$$DL = 4.988$$

$$BEC = 11.4$$

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	13281.57	0.0020	P	1.8
2	☐	50.000					
3	☐	500.000	442.580	288679.81	0.0416	P	0.2
4	☐	5000.000	4981.227	3125661.53	0.4474	P	0.8
5	☐	12500.000	12330.420	7714151.56	1.1045	A	0.6
6	☐	25000.000	24671.817	15446236.28	2.2080	A	0.8
7	☐	50000.000	49085.289	30220214.57	4.3908	A	0.2
8	☐	100000.00	97403.500	60661892.33	8.7111	A	0.4
9	☐	500000.00	500631.66	302977187.3	44.7650	A	0.1

$$y = 8.9413E-005 * x + 0.0020$$

$$R = 1.0000$$

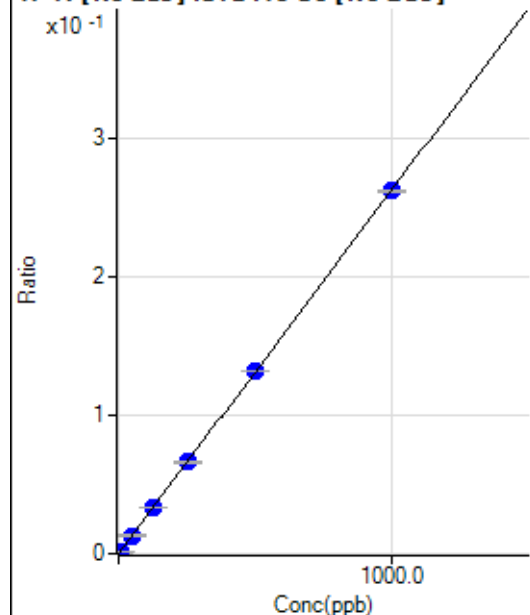
$$DL = 1.171$$

$$BEC = 22.13$$

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	313.90	0.0000	P	26.7
2	☐	0.500					
3	☐	5.000	4.523	8586.20	0.0012	P	2.1
4	☐	50.000	50.040	92234.04	0.0132	P	1.1
5	☐	125.000	126.806	233152.14	0.0334	P	0.4
6	☐	250.000	251.437	462724.39	0.0661	P	0.4
7	☐	500.000	502.244	909020.65	0.1321	P	0.4
8	☐	1000.000	998.293	1827811.19	0.2625	P	0.3
9	☐			3061.63	0.0005	P	48.6

$$y = 2.6288\text{E-}004 * x + 4.6775\text{E-}005$$

$$R = 1.0000$$

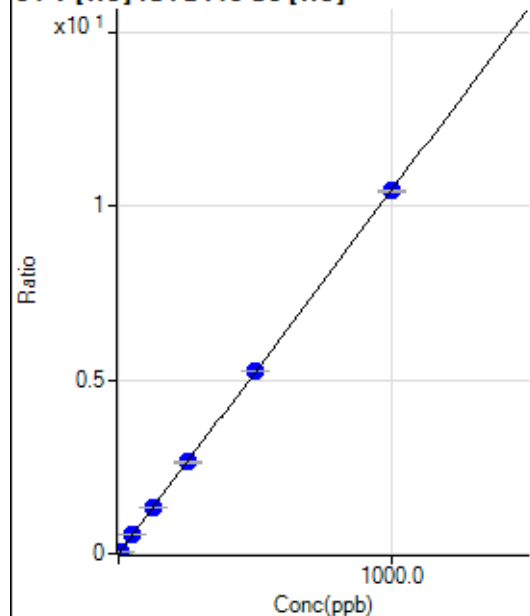
$$DL = 0.1423$$

$$BEC = 0.1779$$

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	17.78	0.0001	P	39.1
2	☐	0.500					
3	☐	5.000	4.601	14009.05	0.0482	P	1.2
4	☐	50.000	50.436	156602.70	0.5274	P	0.5
5	☐	125.000	125.521	382619.73	1.3125	P	0.2
6	☐	250.000	251.908	774840.01	2.6340	P	0.6
7	☐	500.000	502.151	1526988.01	5.2505	P	0.3
8	☐	1000.000	998.363	3082637.80	10.4388	P	0.4
9	☐			1635.68	0.0055	P	3.9

$$y = 0.0105 * x + 6.0664\text{E-}005$$

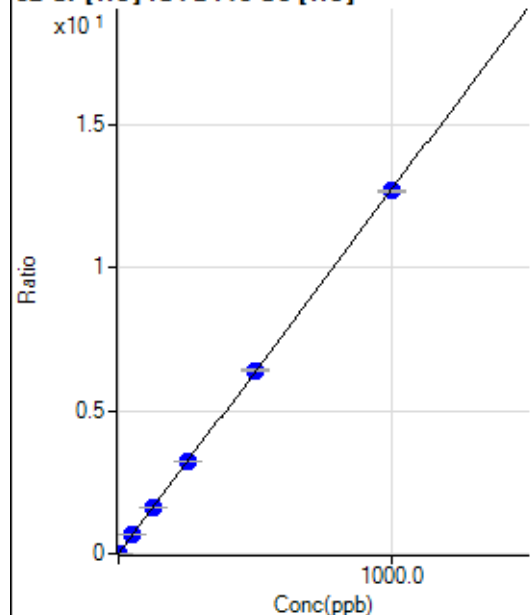
$$R = 1.0000$$

$$DL = 0.0068$$

$$BEC = 0.005802$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1261.19	0.0043	P	5.5
2	☐	0.200					
3	☐	2.000	2.115	9081.84	0.0312	P	1.4
4	☐	50.000	51.300	195134.41	0.6572	P	0.2
5	☐	125.000	127.033	472562.13	1.6210	P	0.3
6	☐	250.000	253.618	950769.87	3.2320	P	0.6
7	☐	500.000	503.939	1866480.81	6.4178	P	0.3
8	☐	1000.000	996.806	3747537.10	12.6903	P	0.3
9	☐			88702.54	0.2976	P	0.6

$$y = 0.0127 * x + 0.0043$$

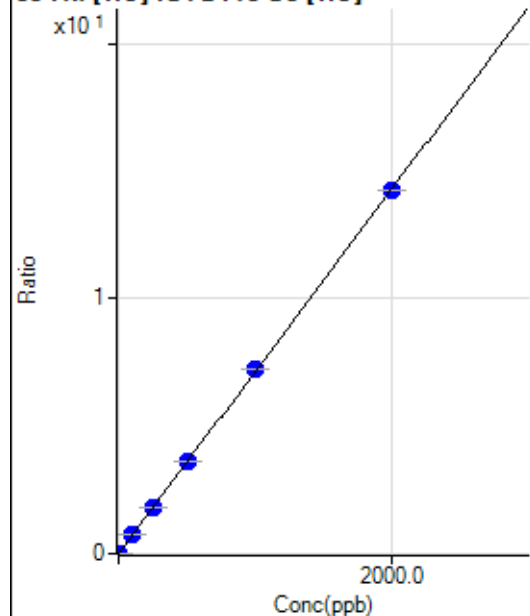
$$R = 1.0000$$

$$DL = 0.05537$$

$$BEC = 0.3381$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	525.57	0.0018	P	8.2
2	☐	0.100					
3	☐	1.000	0.926	2445.80	0.0084	P	2.9
4	☐	100.000	102.439	217893.51	0.7339	P	1.0
5	☐	250.000	253.802	529269.86	1.8156	P	0.4
6	☐	500.000	508.668	1069876.69	3.6369	P	0.7
7	☐	1000.000	1010.082	2099878.34	7.2202	P	0.2
8	☐	2000.000	1992.195	4204813.83	14.2387	P	0.1
9	☐			18158.09	0.0609	P	2.3

$$y = 0.0071 * x + 0.0018$$

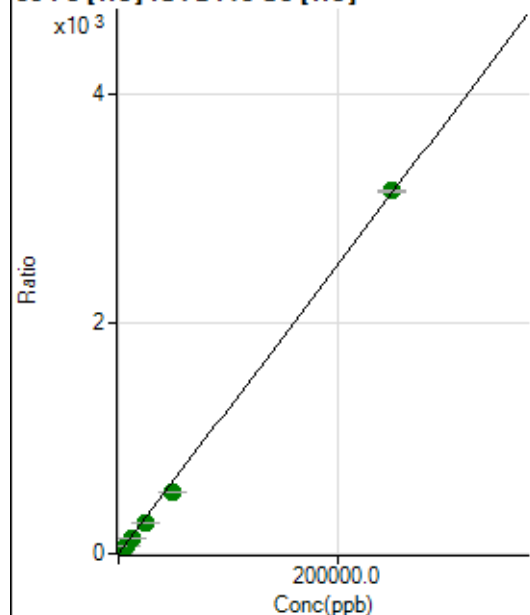
$$R = 1.0000$$

$$DL = 0.0618$$

$$BEC = 0.2508$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10298.33	0.0351	P	3.8
2	☐	5.000					
3	☐	50.000	39.169	152963.42	0.5259	P	0.9
4	☐	2500.000	2205.633	8215998.33	27.6707	A	0.5
5	☐	6250.000	5441.518	19886062.71	68.2148	A	0.3
6	☐	12500.000	10947.891	40362906.92	137.2071	A	0.4
7	☐	25000.000	21707.296	79109702.69	272.0173	A	0.5
8	☐	50000.000	42574.390	157537340.5	533.4722	A	0.4
9	☐	250000.00	251915.15	940803828.4	3,156.413	A	0.4

$$y = 0.0125 * x + 0.0351$$

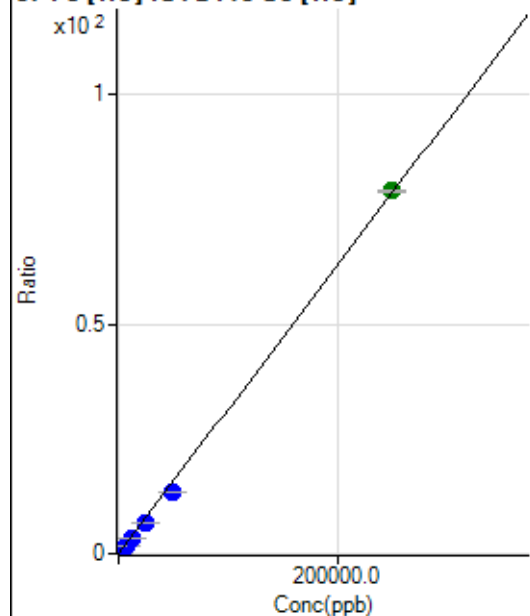
$$R = 0.9995$$

$$DL = 0.3227$$

$$BEC = 2.804$$

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	309.27	0.0011	P	5.0
2	☐	5.000					
3	☐	50.000	39.454	3902.48	0.0134	P	2.2
4	☐	2500.000	2171.273	202319.43	0.6814	P	1.0
5	☐	6250.000	5390.720	492729.83	1.6902	P	0.5
6	☐	12500.000	10761.143	992216.02	3.3730	P	0.9
7	☐	25000.000	21324.170	1943538.48	6.6828	P	0.4
8	☐	50000.000	42224.675	3907439.32	13.2318	P	0.4
9	☐	250000.00	252034.36	23539058.40	78.9738	A	0.5

$$y = 3.1334E-004 * x + 0.0011$$

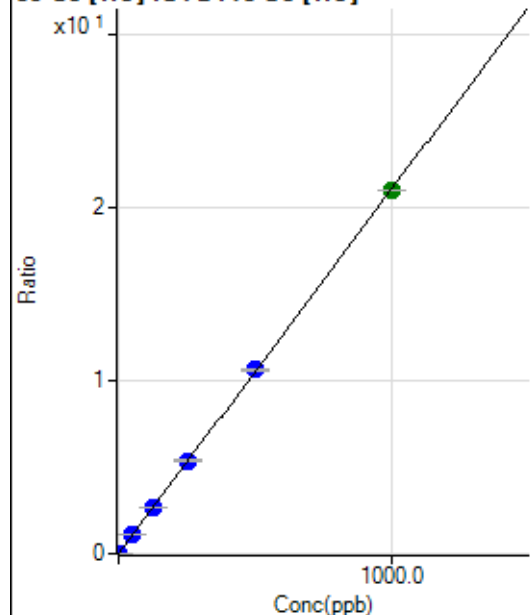
$$R = 0.9994$$

$$DL = 0.5023$$

$$BEC = 3.367$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	528.91	0.0018	P	12.0
2	☐	0.100					
3	☐	1.000	0.945	6311.46	0.0217	P	2.8
4	☐	50.000	51.713	323836.99	1.0906	P	0.2
5	☐	125.000	128.711	790566.32	2.7119	P	0.4
6	☐	250.000	255.331	1582014.11	5.3779	P	0.8
7	☐	500.000	504.382	3089117.94	10.6218	P	0.3
8	☐	1000.000	995.927	6193072.27	20.9715	A	0.0
9	☐			10973.15	0.0368	P	0.9

$$y = 0.0211 * x + 0.0018$$

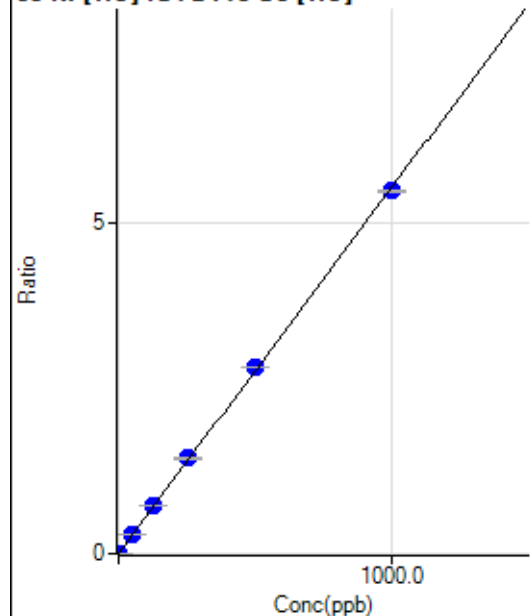
$$R = 1.0000$$

$$DL = 0.03092$$

$$BEC = 0.08571$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	690.03	0.0024	P	5.3
2	☐	0.100					
3	☐	1.000	1.004	2300.22	0.0079	P	3.2
4	☐	50.000	53.374	88368.73	0.2976	P	0.7
5	☐	125.000	130.735	211525.10	0.7256	P	0.2
6	☐	250.000	259.842	423551.69	1.4398	P	0.7
7	☐	500.000	510.323	821739.63	2.8255	P	0.1
8	☐	1000.000	991.493	1620449.70	5.4874	P	0.5
9	☐			23850.74	0.0800	P	0.3

$$y = 0.0055 * x + 0.0024$$

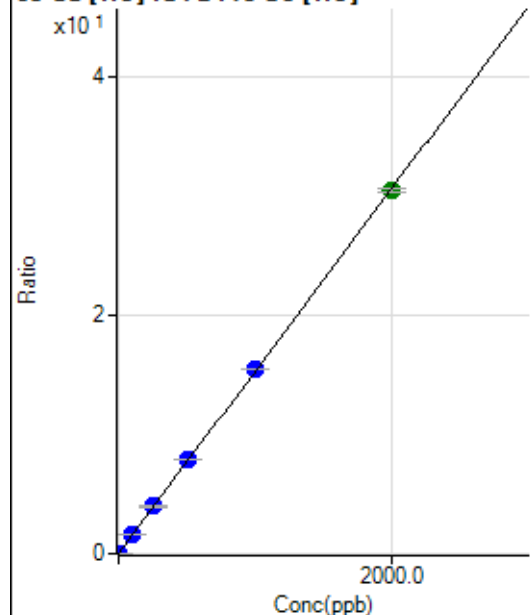
$$R = 0.9999$$

$$DL = 0.06736$$

$$BEC = 0.4255$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3572.72	0.0122	P	5.9
2	☐	0.200					
3	☐	2.000	2.117	12967.01	0.0446	P	1.5
4	☐	100.000	104.511	478398.47	1.6112	P	0.7
5	☐	250.000	258.244	1155390.39	3.9633	P	0.5
6	☐	500.000	514.323	2318436.51	7.8813	P	0.9
7	☐	1000.000	1012.117	4507160.94	15.4976	P	0.1
8	☐	2000.000	1989.105	8990615.42	30.4455	A	0.9
9	☐			19798.03	0.0664	P	2.5

$$y = 0.0153 * x + 0.0122$$

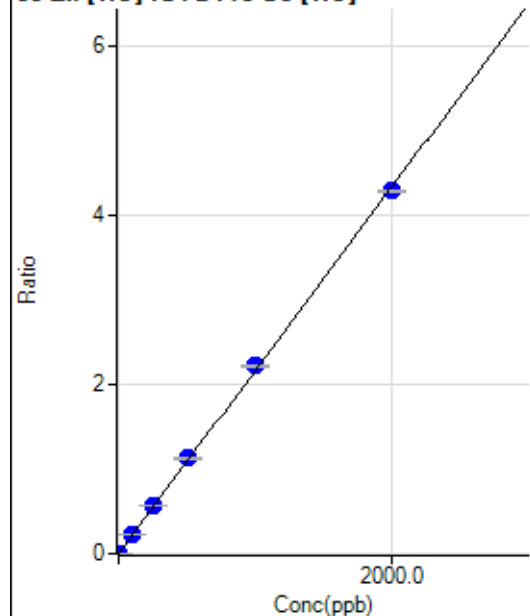
$$R = 0.9999$$

$$DL = 0.1401$$

$$BEC = 0.7967$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0005	P	19.6
2	☐	0.200					
3	☐	2.000	2.106	1460.10	0.0050	P	7.1
4	☐	100.000	105.559	68039.84	0.2292	P	0.6
5	☐	250.000	262.585	165978.34	0.5694	P	0.5
6	☐	500.000	520.044	331573.27	1.1272	P	0.9
7	☐	1000.000	1024.131	645425.31	2.2193	P	0.4
8	☐	2000.000	1981.072	1267607.02	4.2925	P	0.4
9	☐			6329.25	0.0212	P	3.3

$$y = 0.0022 * x + 4.5473E-004$$

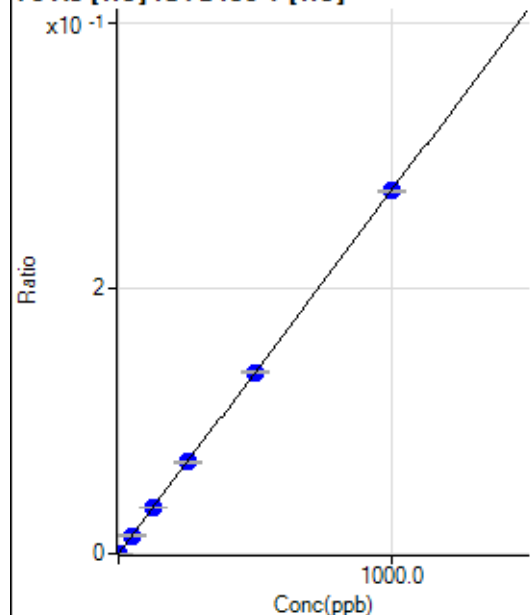
$$R = 0.9998$$

$$DL = 0.1234$$

$$BEC = 0.2099$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.20	0.0000	P	42.2
2	☐	0.100					
3	☐	1.000	0.917	417.30	0.0003	P	6.6
4	☐	50.000	50.253	22553.96	0.0138	P	0.2
5	☐	125.000	125.414	55350.95	0.0343	P	0.6
6	☐	250.000	252.167	112300.09	0.0691	P	0.9
7	☐	500.000	499.969	220783.19	0.1369	P	0.4
8	☐	1000.000	999.409	443300.44	0.2736	P	0.5
9	☐			480.26	0.0003	P	14.5

$$y = 2.7380\text{E-}004 * x + 8.7782\text{E-}006$$

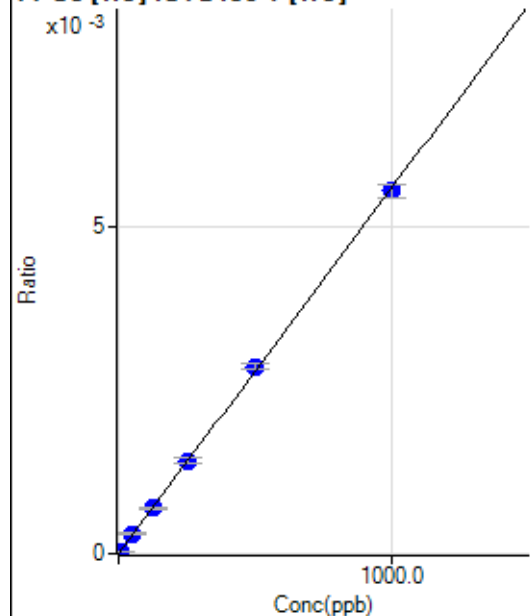
$$R = 1.0000$$

$$DL = 0.04054$$

$$BEC = 0.03206$$

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	☐	0.500					
3	☐	5.000	4.818	43.33	0.0000	P	7.5
4	☐	50.000	54.055	495.57	0.0003	P	5.6
5	☐	125.000	124.674	1124.51	0.0007	P	3.9
6	☐	250.000	254.981	2321.34	0.0014	P	4.6
7	☐	500.000	511.340	4616.37	0.0029	P	3.2
8	☐	1000.000	992.924	9002.95	0.0056	P	3.7
9	☐			15.56	0.0000	P	32.4

$$y = 5.5975\text{E-}006 * x + 0.0000\text{E+}000$$

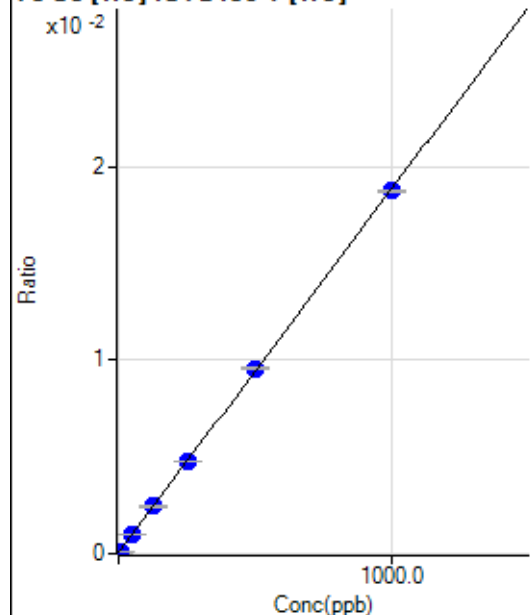
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.10	0.0001	P	14.2
2	☐	0.500					
3	☐	5.000	4.170	207.41	0.0001	P	7.7
4	☐	50.000	50.665	1643.94	0.0010	P	2.8
5	☐	125.000	127.445	3943.78	0.0024	P	1.6
6	☐	250.000	252.067	7791.66	0.0048	P	0.5
7	☐	500.000	507.644	15477.49	0.0096	P	0.9
8	☐	1000.000	995.327	30403.43	0.0188	P	0.5
9	☐			130.25	0.0001	P	13.1

$$y = 1.8805E-005 * x + 5.0692E-005$$

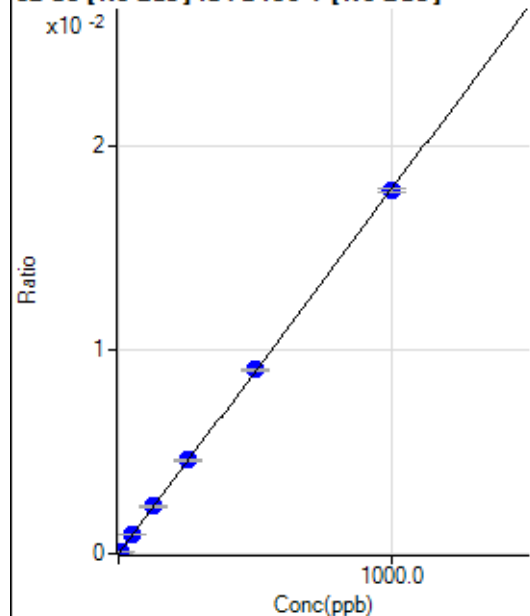
$$R = 1.0000$$

$$DL = 1.148$$

$$BEC = 2.696$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-56.41	0.0000	P	-266.
2	☐	0.500					
3	☐	5.000	4.503	860.65	0.0001	P	5.7
4	☐	50.000	52.256	10728.70	0.0009	P	1.5
5	☐	125.000	129.390	26669.00	0.0023	P	0.3
6	☐	250.000	255.946	52944.50	0.0046	P	0.5
7	☐	500.000	504.310	103828.71	0.0090	P	0.4
8	☐	1000.000	995.700	205543.62	0.0178	P	1.2
9	☐			273.68	0.0000	P	38.4

$$y = 1.7912E-005 * x - 5.1314E-006$$

$$R = 1.0000$$

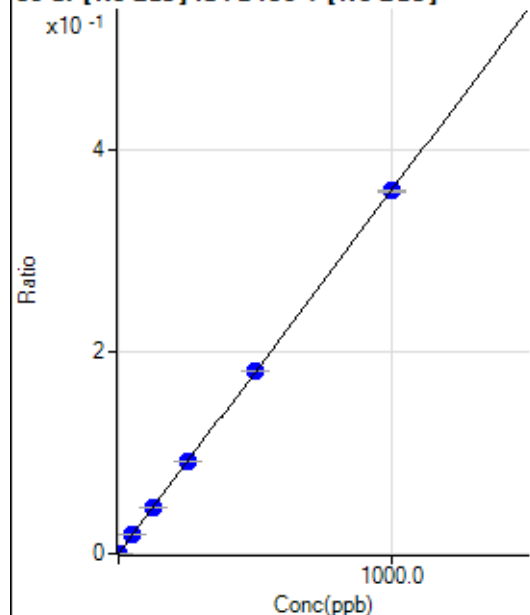
$$DL = 2.293$$

$$BEC = -0.2865$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2600.36	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	0.931	6487.88	0.0006	P	2.1
4	☐	50.000	50.282	210845.16	0.0183	P	0.5
5	☐	125.000	126.339	525981.08	0.0456	P	0.2
6	☐	250.000	251.861	1048492.34	0.0907	P	0.2
7	☐	500.000	501.193	2072853.87	0.1802	P	0.2
8	☐	1000.000	998.757	4137879.56	0.3589	P	0.5
9	☐			133678.19	0.0123	P	0.4

$$y = 3.5913\text{E-}004 * x + 2.3497\text{E-}004$$

$$R = 1.0000$$

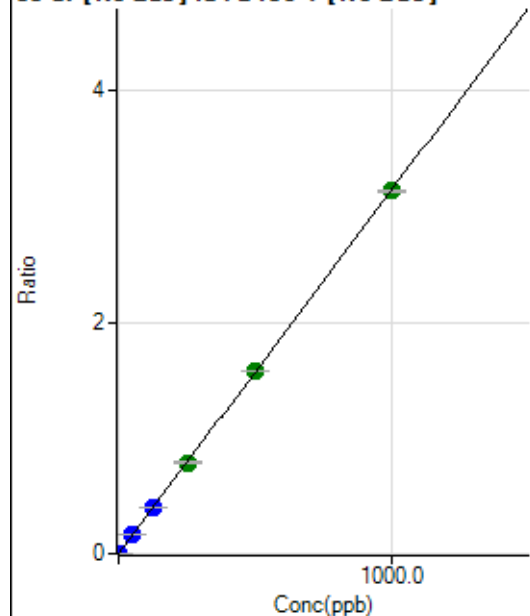
$$DL = 0.1104$$

$$BEC = 0.6543$$

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	419.47	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.938	34013.52	0.0030	P	2.6
4	☐	50.000	50.597	1832191.17	0.1590	P	0.6
5	☐	125.000	127.627	4623616.38	0.4009	P	0.7
6	☐	250.000	251.185	9122219.21	0.7890	A	0.4
7	☐	500.000	502.504	18153154.05	1.5784	A	0.0
8	☐	1000.000	998.094	36142856.02	3.1350	A	0.4
9	☐			1148293.31	0.1056	P	0.3

$$y = 0.0031 * x + 3.7892\text{E-}005$$

$$R = 1.0000$$

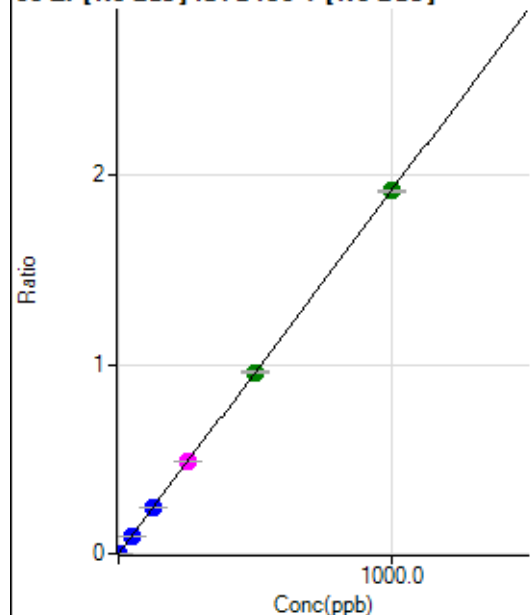
$$DL = 0.003755$$

$$BEC = 0.01206$$

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	758.39	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	0.856	19508.49	0.0017	P	1.8
4	☐	50.000	49.718	1101155.65	0.0955	P	0.9
5	☐	125.000	126.152	2794467.93	0.2423	P	0.5
6	☐	250.000	252.682	5610650.52	0.4853	M	0.6
7	☐	500.000	498.913	11018606.41	0.9581	A	1.0
8	☐	1000.000	999.743	22133090.25	1.9198	A	0.4
9	☐			7493.96	0.0007	P	1.0

$$y = 0.0019 * x + 6.8571E-005$$

$$R = 1.0000$$

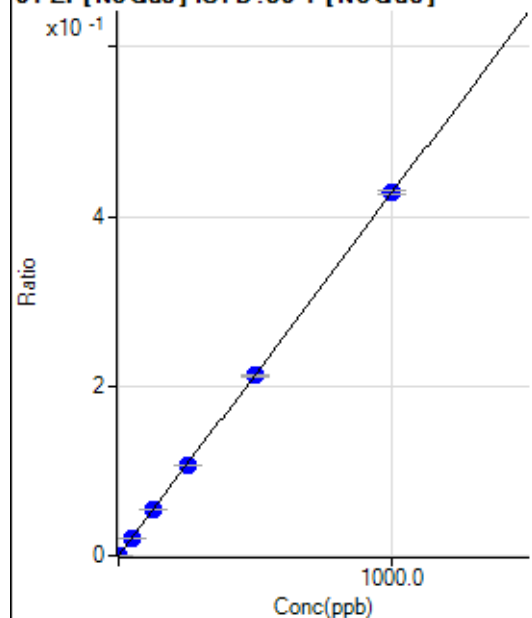
$$DL = 0.01246$$

$$BEC = 0.03571$$

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	200.01	0.0000	P	7.9
2	☐	0.100					
3	☐	1.000	0.853	4361.97	0.0004	P	7.4
4	☐	50.000	49.747	245088.50	0.0213	P	1.4
5	☐	125.000	125.815	619924.98	0.0538	P	0.2
6	☐	250.000	251.166	1240465.78	0.1073	P	0.1
7	☐	500.000	496.831	2440594.02	0.2122	P	0.8
8	☐	1000.000	1001.204	4929921.20	0.4276	P	0.9
9	☐			1694.63	0.0002	P	8.5

$$y = 4.2710E-004 * x + 1.8071E-005$$

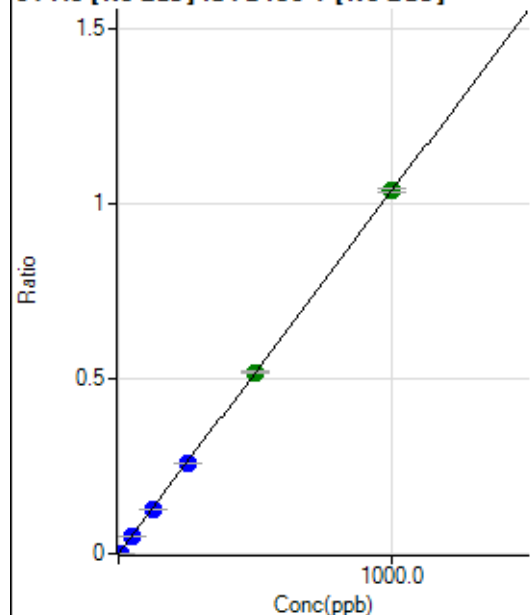
$$R = 1.0000$$

$$DL = 0.01004$$

$$BEC = 0.04231$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.90	0.0000	P	14.3
2	☐	0.500					
3	☐	5.000	1.911	22838.62	0.0020	P	4.8
4	☐	50.000	48.905	583642.69	0.0506	P	0.7
5	☐	125.000	123.779	1477622.57	0.1281	P	0.2
6	☐	250.000	247.566	2962486.33	0.2562	P	0.4
7	☐	500.000	499.877	5949696.14	0.5173	A	1.5
8	☐	1000.000	1000.893	11941733.17	1.0358	A	0.9
9	☐			20462.78	0.0019	P	2.5

$$y = 0.0010 * x + 2.6123E-005$$

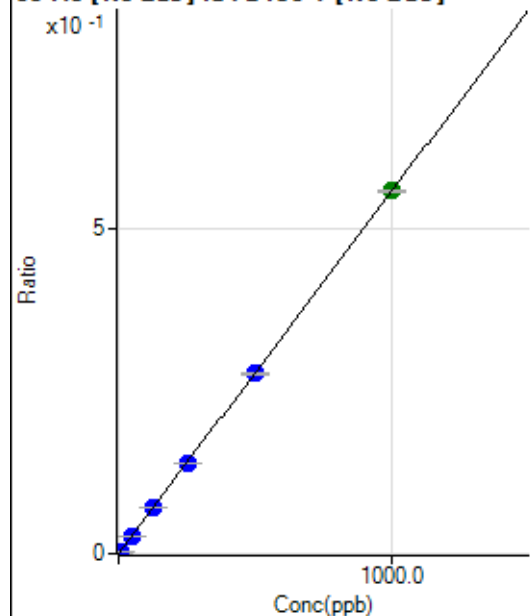
$$R = 1.0000$$

$$DL = 0.0108$$

$$BEC = 0.02524$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	27.0
2	☐	0.500					
3	☐	5.000	4.430	28228.77	0.0025	P	1.9
4	☐	50.000	49.608	318619.22	0.0276	P	1.7
5	☐	125.000	125.953	809333.50	0.0702	P	0.2
6	☐	250.000	249.650	1608097.20	0.1391	P	0.5
7	☐	500.000	496.689	3182436.55	0.2767	P	0.5
8	☐	1000.000	1001.646	6433230.39	0.5580	A	0.7
9	☐			30416.93	0.0028	P	6.6

$$y = 5.5710E-004 * x + 8.2821E-006$$

$$R = 1.0000$$

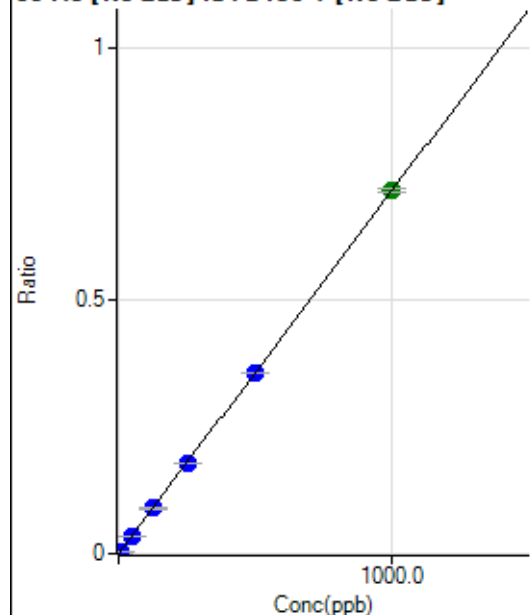
$$DL = 0.01205$$

$$BEC = 0.01487$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	17.9
2	☐	0.500					
3	☐	5.000	3.853	31658.30	0.0028	P	2.1
4	☐	50.000	49.015	404439.06	0.0351	P	1.4
5	☐	125.000	124.709	1029306.58	0.0893	P	0.4
6	☐	250.000	248.838	2058736.31	0.1781	P	0.4
7	☐	500.000	498.106	4099063.94	0.3564	P	0.6
8	☐	1000.000	1001.329	8259778.92	0.7165	A	1.1
9	☐			39247.02	0.0036	P	4.1

$$y = 7.1551\text{E-}004 * x + 2.0584\text{E-}005$$

$$R = 1.0000$$

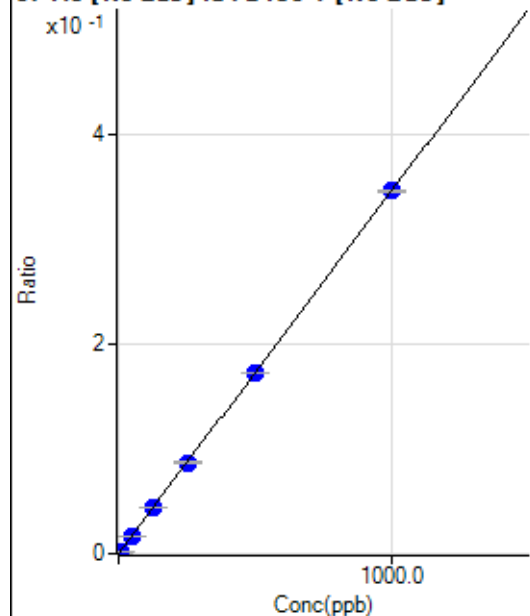
$$DL = 0.01547$$

$$BEC = 0.02877$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	33.5
2	☐	0.500					
3	☐	5.000	4.424	17592.08	0.0015	P	4.1
4	☐	50.000	49.950	199774.75	0.0173	P	1.4
5	☐	125.000	125.482	502005.35	0.0435	P	0.8
6	☐	250.000	251.428	1008288.26	0.0872	P	0.6
7	☐	500.000	498.472	1988379.73	0.1729	P	0.5
8	☐	1000.000	1000.352	3999858.94	0.3470	P	0.6
9	☐			18907.83	0.0017	P	0.7

$$y = 3.4682\text{E-}004 * x + 9.2821\text{E-}006$$

$$R = 1.0000$$

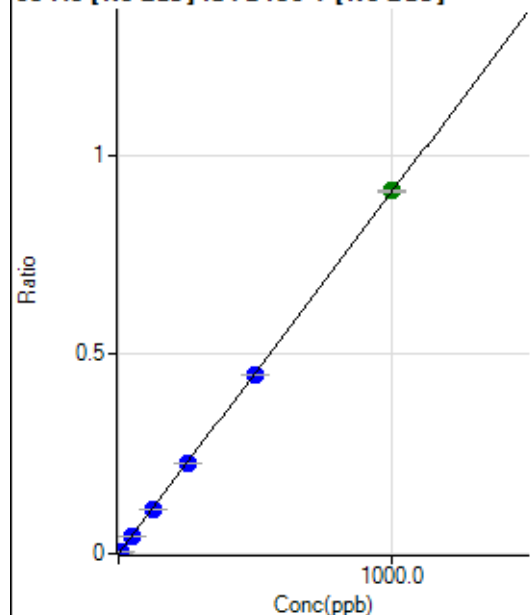
$$DL = 0.02689$$

$$BEC = 0.02676$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.438	45983.77	0.0040	P	1.6
4	☐	50.000	48.937	511359.12	0.0444	P	0.6
5	☐	125.000	123.795	1294089.11	0.1122	P	0.7
6	☐	250.000	247.938	2598215.47	0.2247	P	0.4
7	☐	500.000	494.153	5150910.05	0.4479	P	0.7
8	☐	1000.000	1003.646	10487202.14	0.9096	A	0.5
9	☐			48812.73	0.0045	P	5.1

$$y = 9.0633\text{E-}004 * x + 1.2044\text{E-}005$$

$$R = 1.0000$$

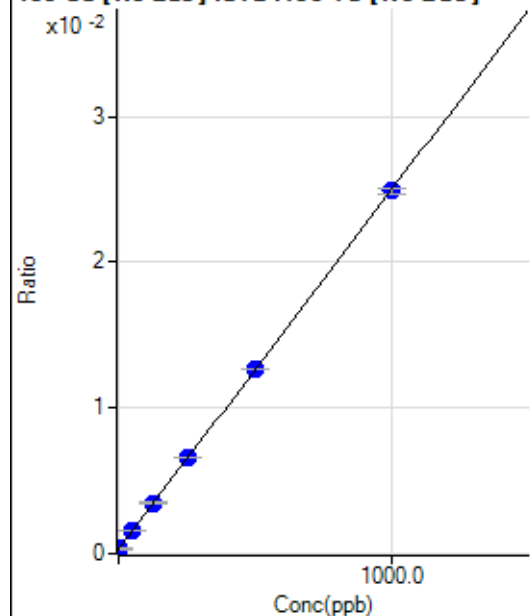
$$DL = 0.00474$$

$$BEC = 0.01329$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4439.79	0.0003	P	7.9
2	☐	0.100					
3	☐	1.000	0.874	4928.84	0.0003	P	4.5
4	☐	50.000	50.991	23531.43	0.0016	P	1.1
5	☐	125.000	128.190	52302.88	0.0035	P	2.1
6	☐	250.000	255.649	99845.40	0.0066	P	0.9
7	☐	500.000	502.023	189087.63	0.0127	P	0.6
8	☐	1000.000	997.128	372003.31	0.0249	P	1.3
9	☐			4434.24	0.0003	P	4.3

$$y = 2.4658\text{E-}005 * x + 3.1134\text{E-}004$$

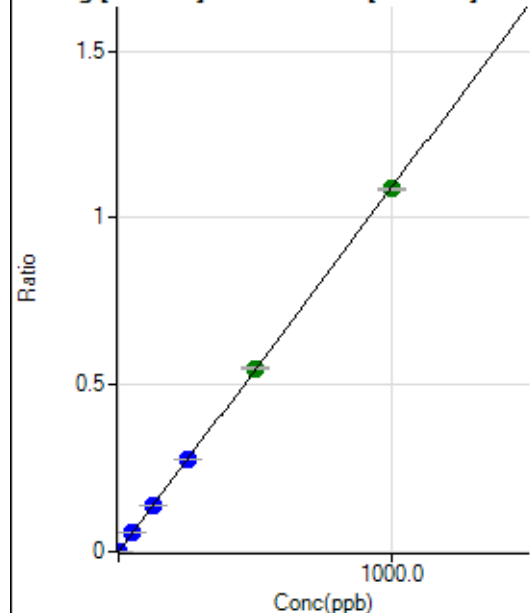
$$R = 1.0000$$

$$DL = 2.995$$

$$BEC = 12.63$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	330.58	0.0000	P	2.8
2	☐	0.100					
3	☐	1.000	1.249	20521.18	0.0014	P	2.3
4	☐	50.000	51.038	835370.96	0.0557	P	0.1
5	☐	125.000	126.962	2086087.16	0.1385	P	0.1
6	☐	250.000	253.614	4175153.78	0.2766	P	0.5
7	☐	500.000	504.218	8194375.10	0.5500	A	0.7
8	☐	1000.000	996.690	16241561.47	1.0871	A	0.2
9	☐			3583.94	0.0003	P	9.1

$$y = 0.0011 * x + 2.3179E-005$$

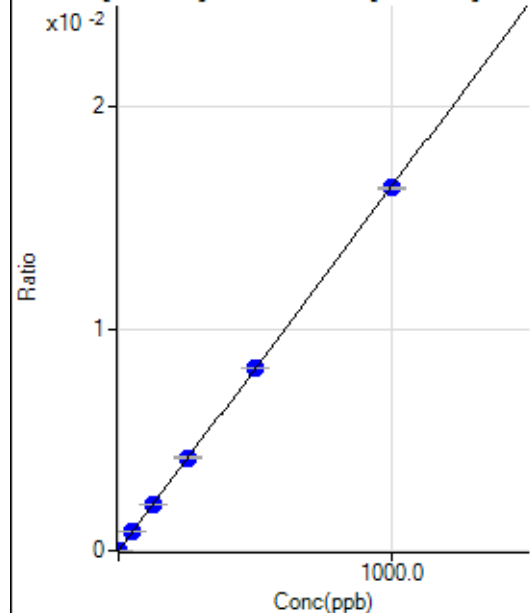
$$R = 1.0000$$

$$DL = 0.001817$$

$$BEC = 0.02125$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.83	0.0000	P	69.5
2	☐	0.100					
3	☐	1.000	0.895	238.90	0.0000	P	4.0
4	☐	50.000	50.929	12544.66	0.0008	P	1.7
5	☐	125.000	129.100	31897.25	0.0021	P	0.3
6	☐	250.000	255.379	63201.56	0.0042	P	1.1
7	☐	500.000	502.612	122784.40	0.0082	P	0.2
8	☐	1000.000	996.791	244141.19	0.0163	P	0.6
9	☐			88.89	0.0000	P	9.8

$$y = 1.6392E-005 * x + 1.4622E-006$$

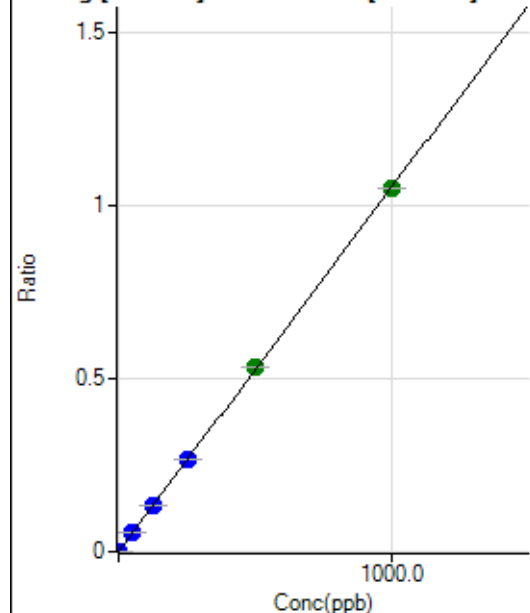
$$R = 1.0000$$

$$DL = 0.186$$

$$BEC = 0.0892$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	16.1
2	☐	0.100					
3	☐	1.000	1.228	19363.99	0.0013	P	1.4
4	☐	50.000	51.232	809291.27	0.0539	P	1.0
5	☐	125.000	126.913	2012717.54	0.1336	P	0.2
6	☐	250.000	252.666	4014853.43	0.2660	P	0.8
7	☐	500.000	505.934	7936669.97	0.5326	A	0.4
8	☐	1000.000	996.065	15667221.70	1.0486	A	0.1
9	☐			3364.45	0.0002	P	4.8

$$y = 0.0011 * x + 1.4995E-005$$

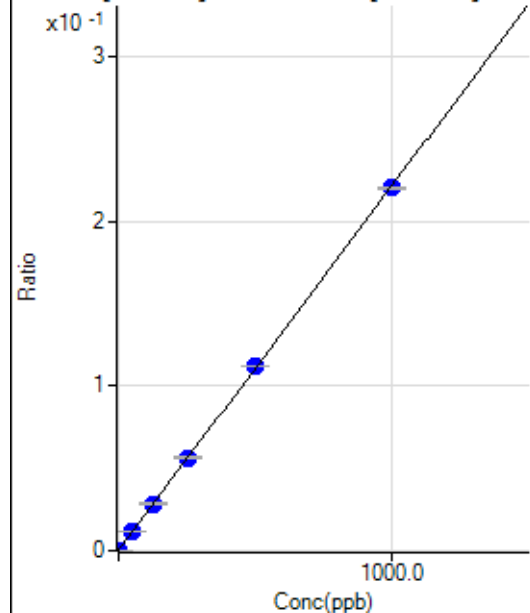
$$R = 1.0000$$

$$DL = 0.006858$$

$$BEC = 0.01424$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3112.71	0.0002	P	7.6
2	☐	0.100					
3	☐	1.000	0.992	6477.83	0.0004	P	1.8
4	☐	50.000	51.723	174799.85	0.0117	P	0.4
5	☐	125.000	128.372	430752.33	0.0286	P	0.7
6	☐	250.000	255.163	854647.57	0.0566	P	0.8
7	☐	500.000	504.899	1666382.27	0.1118	P	0.4
8	☐	1000.000	995.752	3292138.78	0.2203	P	0.3
9	☐			4068.20	0.0003	P	3.7

$$y = 2.2107E-004 * x + 2.1828E-004$$

$$R = 1.0000$$

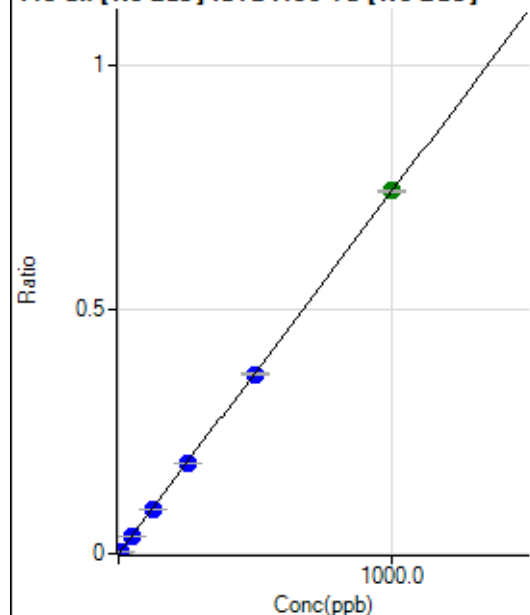
$$DL = 0.2244$$

$$BEC = 0.9874$$

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	950.08	0.0001	P	8.8
2	☐	0.500					
3	☐	5.000	4.542	50809.93	0.0034	P	2.2
4	☐	50.000	49.520	551323.82	0.0368	P	0.2
5	☐	125.000	123.457	1378634.00	0.0915	P	0.4
6	☐	250.000	248.307	2777355.25	0.1840	P	0.9
7	☐	500.000	496.289	5479283.06	0.3677	P	0.6
8	☐	1000.000	1002.498	11097173.43	0.7427	A	0.3
9	☐			11752.60	0.0008	P	6.2

$$y = 7.4083\text{E-}004 * x + 6.6620\text{E-}005$$

$$R = 1.0000$$

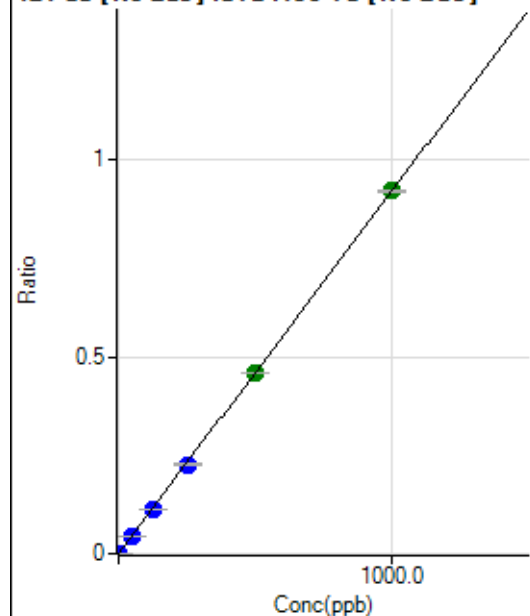
$$DL = 0.02376$$

$$BEC = 0.08993$$

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	175.01	0.0000	P	4.6
2	☐	0.200					
3	☐	2.000	1.866	25577.09	0.0017	P	1.8
4	☐	50.000	46.691	643912.50	0.0429	P	0.7
5	☐	125.000	121.573	1683229.96	0.1117	P	0.6
6	☐	250.000	246.545	3420181.15	0.2266	P	0.8
7	☐	500.000	499.161	6835912.13	0.4588	A	0.8
8	☐	1000.000	1001.877	13757774.96	0.9208	A	0.2
9	☐			56676.71	0.0040	P	6.5

$$y = 9.1909\text{E-}004 * x + 1.2271\text{E-}005$$

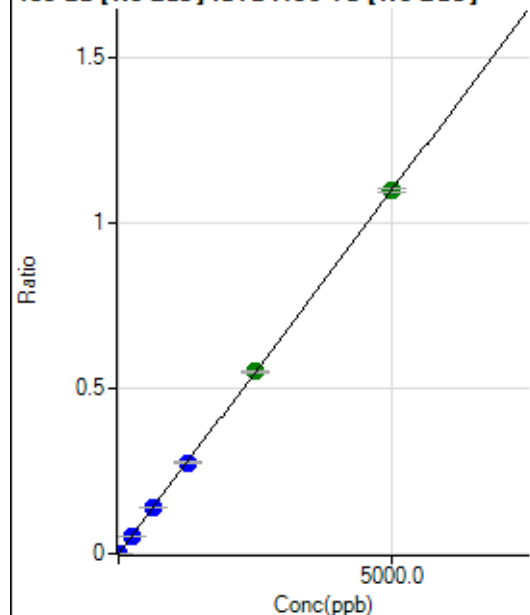
$$R = 1.0000$$

$$DL = 0.001845$$

$$BEC = 0.01335$$

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	336.13	0.0000	P	16.8
2	☐	1.000					
3	☐	10.000	8.866	29111.94	0.0020	P	2.0
4	☐	250.000	248.822	818199.16	0.0545	P	0.5
5	☐	625.000	624.016	2059820.12	0.1368	P	0.5
6	☐	1250.000	1255.132	4151112.68	0.2750	P	0.5
7	☐	2500.000	2504.101	8175779.09	0.5487	A	0.6
8	☐	5000.000	4996.851	16358114.08	1.0949	A	1.1
9	☐			7988.72	0.0006	P	5.2

$$y = 2.1911\text{E-}004 * x + 2.3568\text{E-}005$$

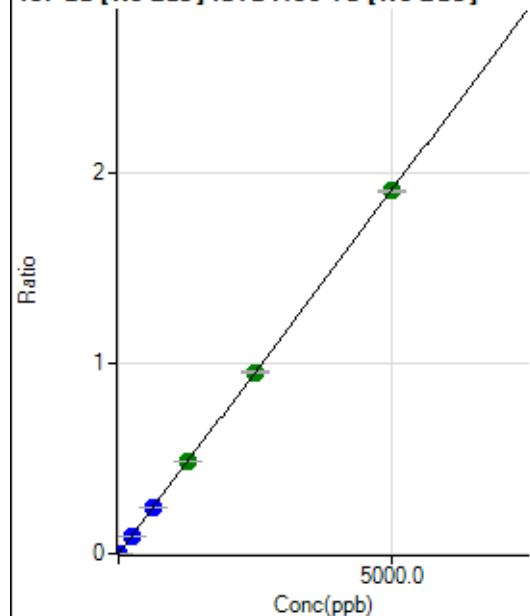
$$R = 1.0000$$

$$DL = 0.05435$$

$$BEC = 0.1076$$

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	630.60	0.0000	P	5.2
2	☐	1.000					
3	☐	10.000	9.014	51675.26	0.0035	P	1.3
4	☐	250.000	250.084	1434683.20	0.0956	P	0.8
5	☐	625.000	625.970	3604788.32	0.2393	P	0.1
6	☐	1250.000	1263.494	7290317.26	0.4830	A	0.5
7	☐	2500.000	2502.009	14251668.55	0.9564	A	0.1
8	☐	5000.000	4995.499	28530180.50	1.9096	A	0.4
9	☐			13957.65	0.0010	P	2.2

$$y = 3.8225\text{E-}004 * x + 4.4220\text{E-}005$$

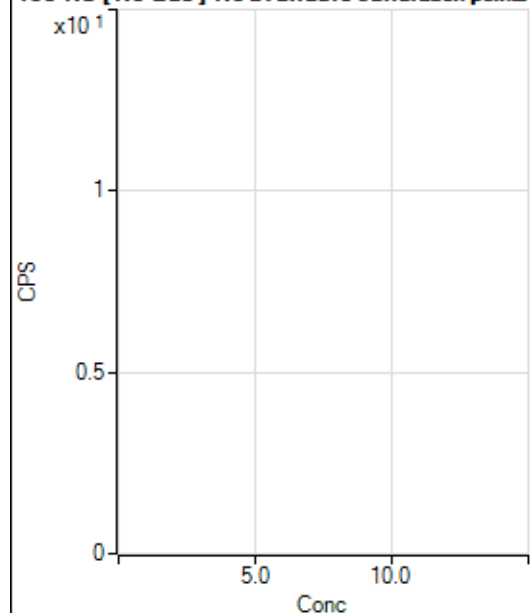
$$R = 1.0000$$

$$DL = 0.01813$$

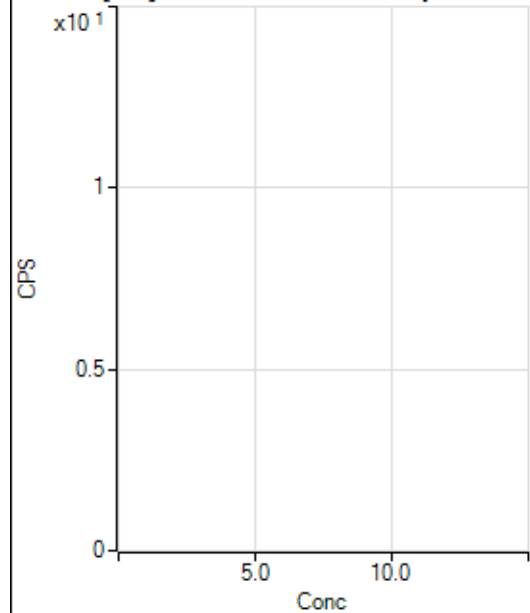
$$BEC = 0.1157$$

Weight: <None>

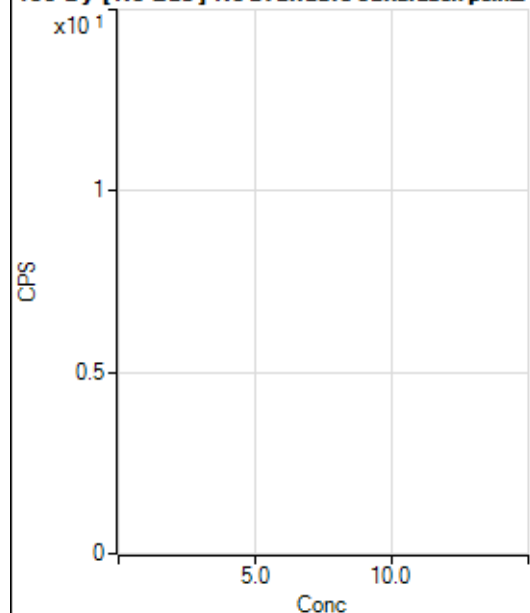
Min Conc: 0

150 Nd [No Gas] No available calibration points

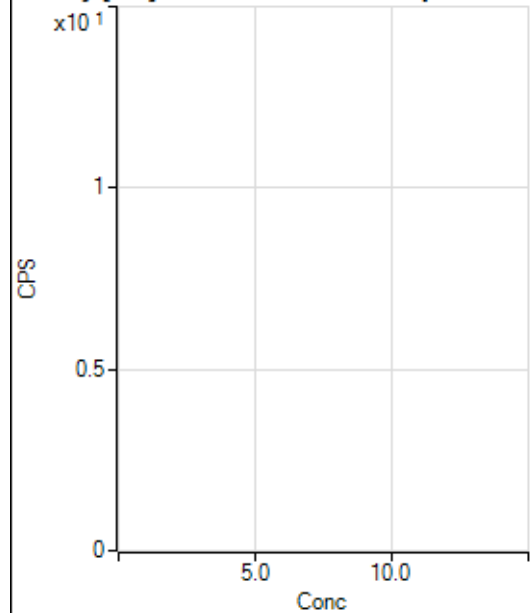
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	57.7
2	☐						
3	☐			15.56		P	137.8
4	☐			68.89		P	45.7
5	☐			157.79		P	2.4
6	☐			282.24		P	5.5
7	☐			657.82		P	8.6
8	☐			1193.43		P	9.7
9	☐			208.90		P	19.5

150 Nd [He] No available calibration points

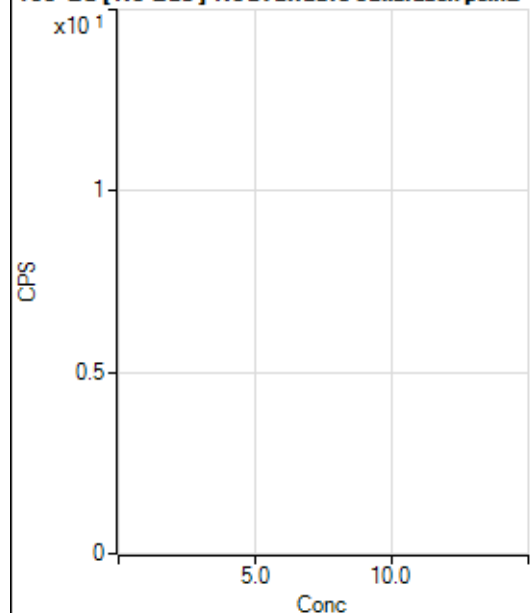
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			13.33		P	66.1
5	☐			18.89		P	79.6
6	☐			25.55		P	65.7
7	☐			63.33		P	36.5
8	☐			73.34		P	7.9
9	☐			70.00		P	29.7

156 Dy [No Gas] No available calibration points

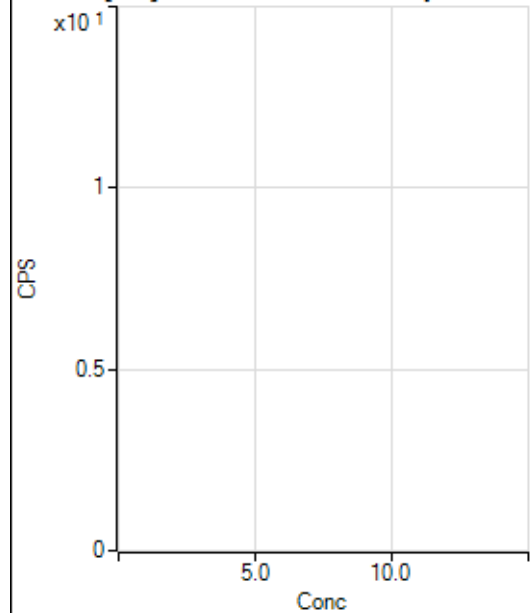
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			283.35		P	23.5
2	☐						
3	☐			150.01		P	20.0
4	☐			91.67		P	32.8
5	☐			127.78		P	24.7
6	☐			155.56		P	11.2
7	☐			263.90		P	12.8
8	☐			655.60		P	36.9
9	☐			297.24		P	15.9

156 Dy [He] No available calibration points

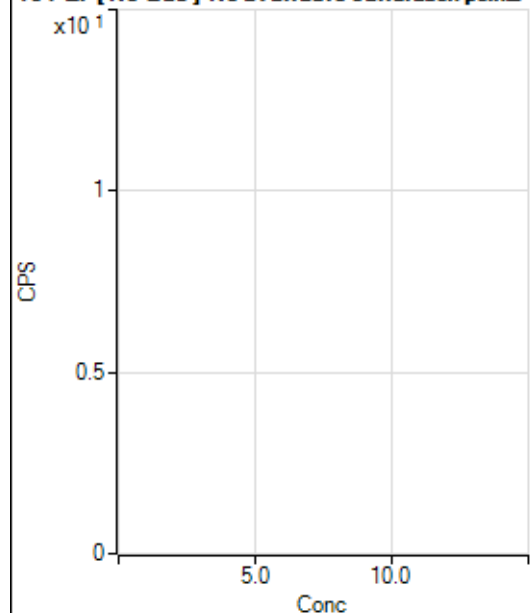
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐						
3	☐			15.55		P	68.9
4	☐			43.33		P	27.7
5	☐			28.89		P	35.2
6	☐			60.00		P	11.1
7	☐			63.33		P	15.8
8	☐			83.34		P	30.2
9	☐			88.89		P	28.2

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

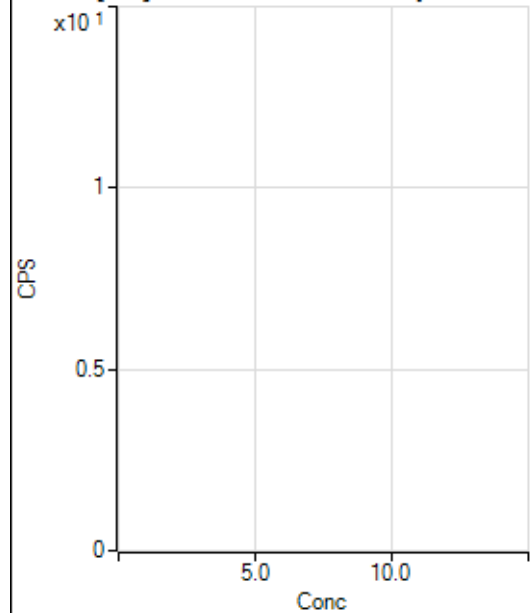
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	25.8
2	☐						
3	☐			147.23		P	37.7
4	☐			125.01		P	NaN
5	☐			116.67		P	43.4
6	☐			113.89		P	22.4
7	☐			183.34		P	32.8
8	☐			144.45		P	40.9
9	☐			266.68		P	17.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	26.2
2	☐						
3	☐			80.00		P	30.0
4	☐			85.56		P	12.5
5	☐			77.78		P	17.3
6	☐			75.56		P	35.9
7	☐			83.34		P	28.0
8	☐			113.34		P	20.6
9	☐			142.22		P	9.5

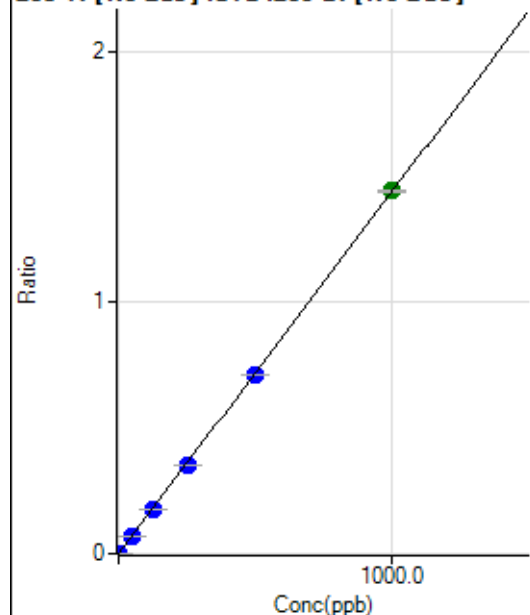
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐						
3	☐			63.89		P	7.5
4	☐			61.11		P	43.8
5	☐			52.78		P	9.1
6	☐			75.00		P	11.1
7	☐			38.89		P	32.7
8	☐			88.89		P	32.9
9	☐			91.67		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	8.7
2	☐						
3	☐			36.67		P	27.3
4	☐			26.67		P	45.1
5	☐			22.22		P	56.8
6	☐			14.45		P	26.7
7	☐			36.67		P	9.1
8	☐			20.00		P	44.1
9	☐			54.44		P	17.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.893	12675.98	0.0013	P	2.2
4	☐	50.000	48.150	678542.23	0.0693	P	0.8
5	☐	125.000	121.298	1696822.65	0.1745	P	0.3
6	☐	250.000	244.870	3414294.65	0.3522	P	0.3
7	☐	500.000	495.747	6801497.72	0.7129	P	0.4
8	☐	1000.000	1003.965	13496795.79	1.4438	A	0.7
9	☐			6176.71	0.0007	P	2.8

$$y = 0.0014 * x + 2.7450E-005$$

$$R = 1.0000$$

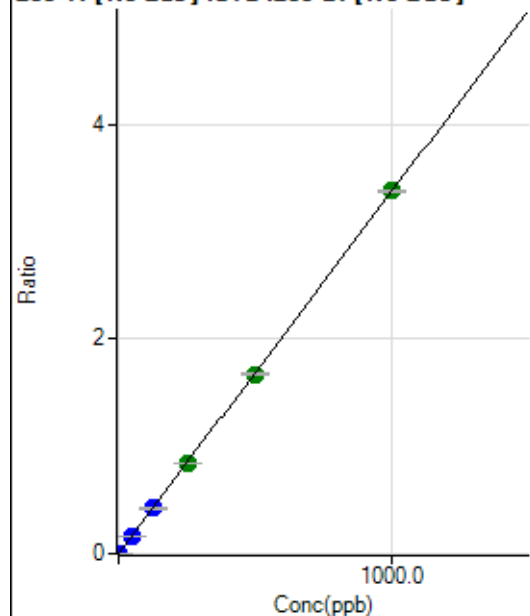
$$DL = 0.01293$$

$$BEC = 0.01909$$

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	575.04	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	0.901	29926.54	0.0031	P	3.0
4	☐	50.000	49.741	1642386.88	0.1677	P	0.2
5	☐	125.000	124.918	4094348.27	0.4210	P	0.3
6	☐	250.000	249.238	8142504.44	0.8399	A	0.6
7	☐	500.000	495.892	15940600.01	1.6710	A	0.5
8	☐	1000.000	1002.268	31571108.00	3.3772	A	0.2
9	☐			14733.73	0.0018	P	3.0

$$y = 0.0034 * x + 6.1068E-005$$

$$R = 1.0000$$

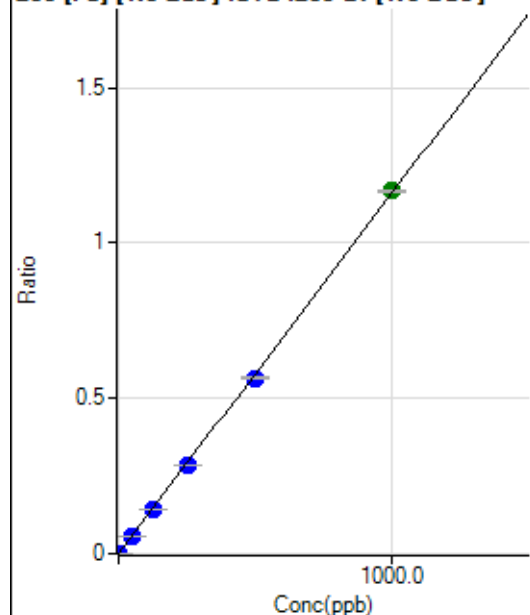
$$DL = 0.006264$$

$$BEC = 0.01812$$

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	1274.18	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.943	11863.03	0.0012	P	5.0
4	☐	50.000	48.357	550009.81	0.0561	P	0.1
5	☐	125.000	120.373	1357388.44	0.1396	P	0.2
6	☐	250.000	243.896	2740160.83	0.2826	P	0.3
7	☐	500.000	488.122	5394958.40	0.5655	P	0.7
8	☐	1000.000	1008.126	10917101.86	1.1678	A	0.7
9	☐			22975.95	0.0028	P	0.9

$$y = 0.0012 * x + 1.3539E-004$$

$$R = 0.9999$$

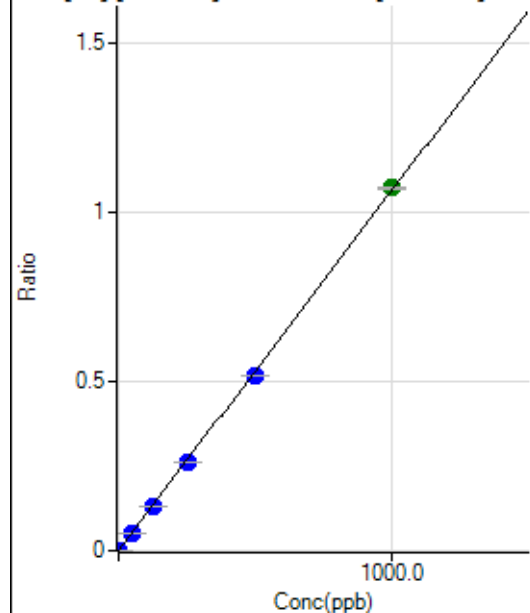
$$DL = 0.01062$$

$$BEC = 0.1169$$

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	1177.87	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.920	10660.08	0.0011	P	2.1
4	☐	50.000	48.155	502669.72	0.0513	P	0.6
5	☐	125.000	120.708	1249225.06	0.1284	P	0.3
6	☐	250.000	243.909	2514914.06	0.2594	P	0.5
7	☐	500.000	486.993	4939935.70	0.5178	P	0.4
8	☐	1000.000	1008.655	10024423.02	1.0724	A	0.9
9	☐			19626.05	0.0024	P	1.8

$$y = 0.0011 * x + 1.2516E-004$$

$$R = 0.9999$$

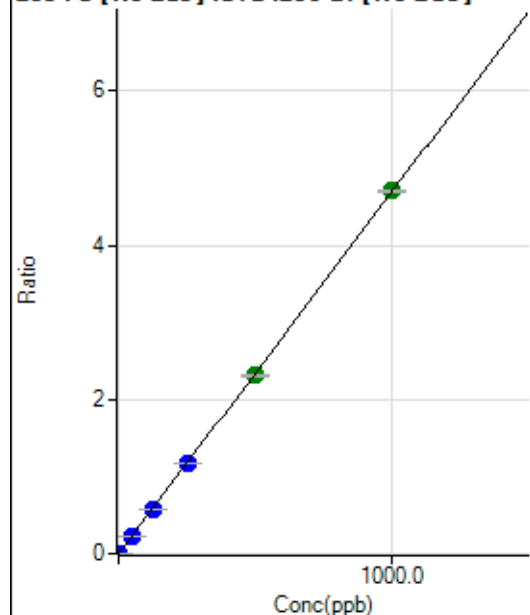
$$DL = 0.03478$$

$$BEC = 0.1177$$

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	5311.71	0.0006	P	1.5
2	☐	0.100					
3	☐	1.000	0.932	47627.05	0.0049	P	1.8
4	☐	50.000	48.819	2243748.25	0.2291	P	0.5
5	☐	125.000	122.449	5579564.35	0.5737	P	0.1
6	☐	250.000	248.199	11267778.78	1.1622	P	0.4
7	☐	500.000	492.585	21999743.08	2.3061	A	0.5
8	☐	1000.000	1004.536	43956963.59	4.7022	A	0.6
9	☐			91081.45	0.0110	P	0.4

$$y = 0.0047 * x + 5.6447E-004$$

$$R = 1.0000$$

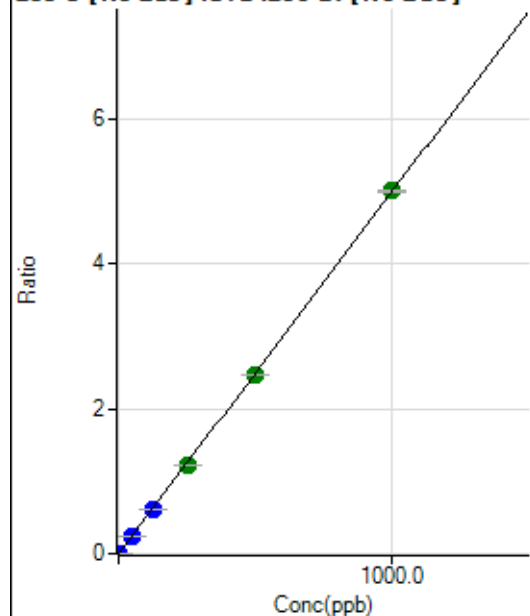
$$DL = 0.005405$$

$$BEC = 0.1206$$

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	269.46	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.863	41840.76	0.0043	P	0.7
4	☐	50.000	48.172	2352268.91	0.2401	P	0.3
5	☐	125.000	123.098	5967706.73	0.6136	P	0.6
6	☐	250.000	243.718	11777388.28	1.2148	A	0.2
7	☐	500.000	495.413	23556273.97	2.4693	A	0.7
8	☐	1000.000	1004.193	46789238.89	5.0052	A	0.8
9	☐			13101.60	0.0016	P	4.7

$$y = 0.0050 * x + 2.8602E-005$$

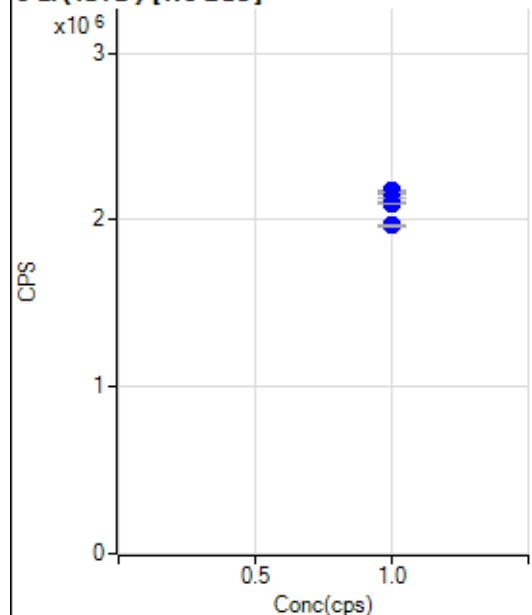
$$R = 1.0000$$

$$DL = 0.002937$$

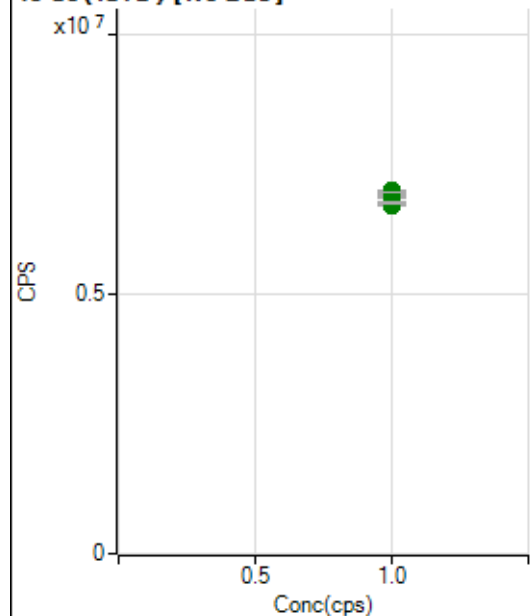
$$BEC = 0.005739$$

Weight: <None>

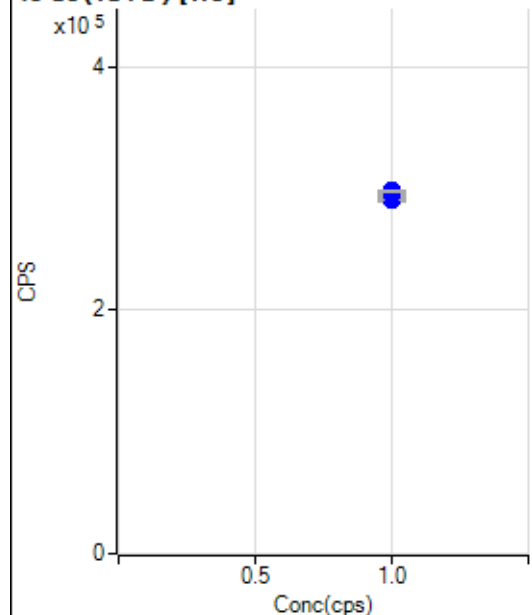
Min Conc: 0

6 Li (ISTD) [No Gas]

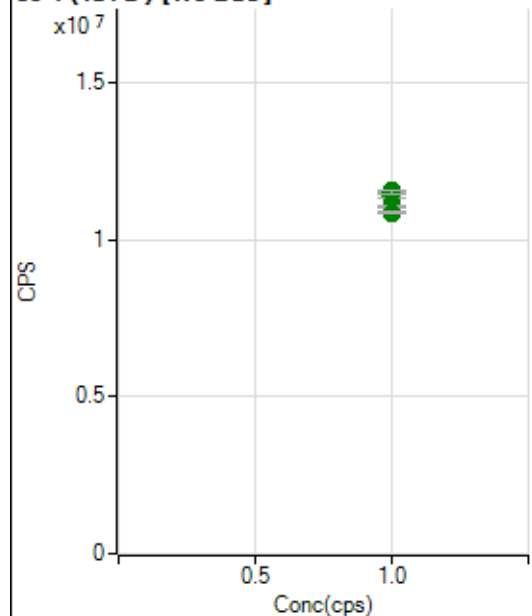
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2105837.17		P	0.5
2	☐	1.000					
3	☐	1.000		2163083.37		P	0.4
4	☐	1.000		2174440.26		P	0.5
5	☐	1.000		2156035.77		P	0.3
6	☐	1.000		2156475.68		P	0.6
7	☐	1.000		2131907.69		P	0.3
8	☐	1.000		2100616.86		P	0.1
9	☐	1.000		1968725.11		P	0.6

45 Sc (ISTD) [No Gas]

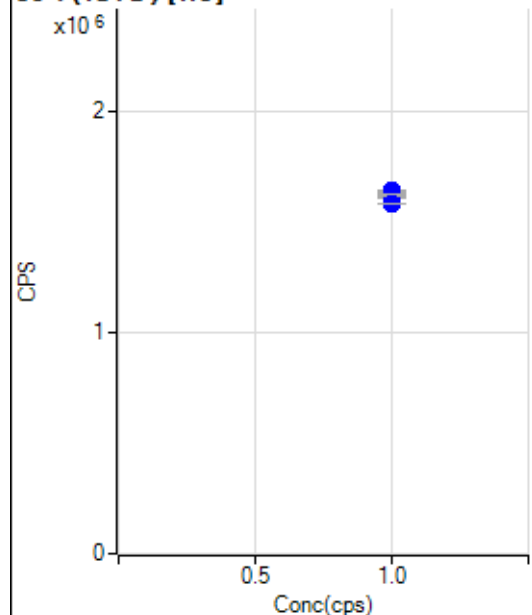
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6711481.57		A	0.1
2	☐	1.000					
3	☐	1.000		6947552.33		A	0.4
4	☐	1.000		6986933.23		A	0.4
5	☐	1.000		6984516.04		A	0.5
6	☐	1.000		6995760.05		A	0.6
7	☐	1.000		6882537.57		A	0.2
8	☐	1.000		6963707.19		A	0.2
9	☐	1.000		6768192.34		A	0.5

45 Sc (ISTD) [He]

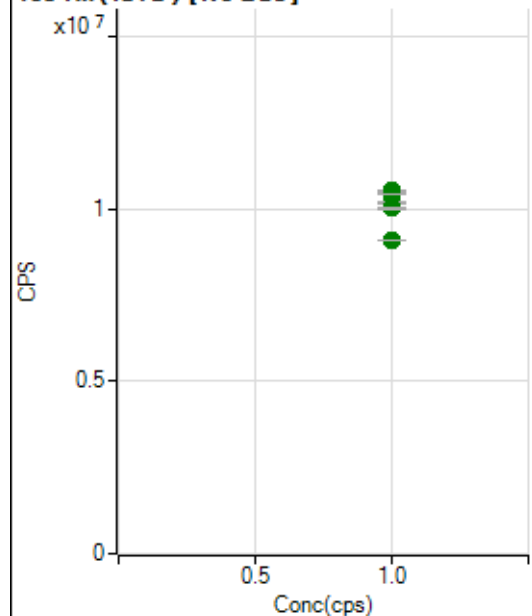
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		293135.82		P	0.4
2	☐	1.000					
3	☐	1.000		290868.89		P	0.7
4	☐	1.000		296926.51		P	0.7
5	☐	1.000		291521.93		P	0.3
6	☐	1.000		294179.11		P	0.7
7	☐	1.000		290831.33		P	0.6
8	☐	1.000		295308.41		P	0.4
9	☐	1.000		298058.69		P	0.3

89 Y (ISTD) [No Gas]

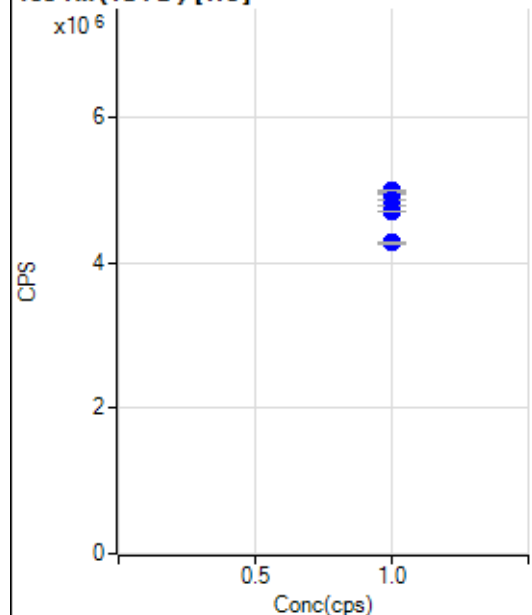
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11065330.80		A	0.7
2	☐	1.000					
3	☐	1.000		11399088.58		A	0.7
4	☐	1.000		11526276.77		A	0.7
5	☐	1.000		11532738.58		A	0.2
6	☐	1.000		11561754.41		A	0.3
7	☐	1.000		11501053.02		A	0.7
8	☐	1.000		11528866.77		A	0.7
9	☐	1.000		10871082.34		A	0.2

89 Y (ISTD) [He]

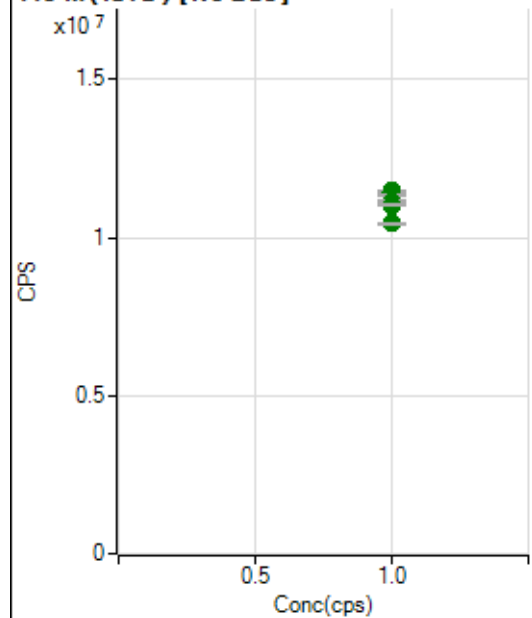
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1619078.85		P	0.4
2	☐	1.000					
3	☐	1.000		1606573.42		P	0.4
4	☐	1.000		1638135.65		P	0.5
5	☐	1.000		1611498.33		P	0.4
6	☐	1.000		1626358.33		P	0.4
7	☐	1.000		1612721.63		P	0.4
8	☐	1.000		1620011.59		P	0.6
9	☐	1.000		1579118.50		P	0.3

103 Rh (ISTD) [No Gas]

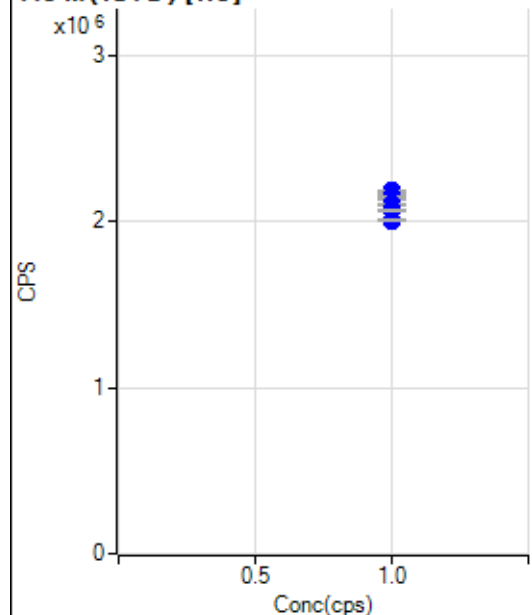
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10162822.19		A	0.5
2	☐	1.000					
3	☐	1.000		10491392.51		A	1.0
4	☐	1.000		10513217.25		A	0.3
5	☐	1.000		10520097.28		A	0.6
6	☐	1.000		10419828.10		A	0.2
7	☐	1.000		10165567.07		A	0.6
8	☐	1.000		10011170.10		A	0.3
9	☐	1.000		9088084.40		A	0.2

103 Rh (ISTD) [He]

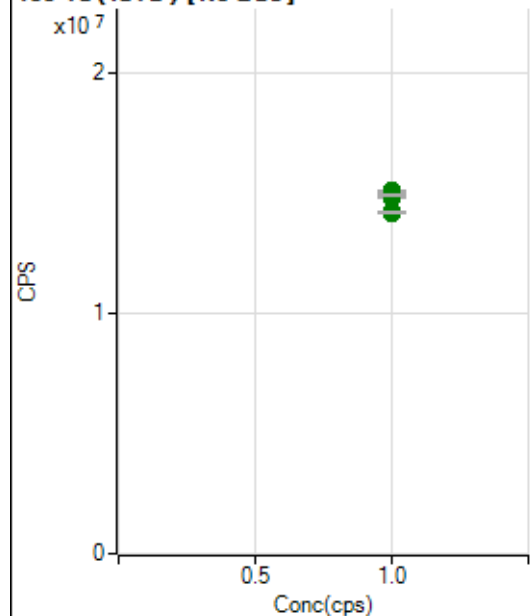
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4966764.86		P	0.4
2	☐	1.000					
3	☐	1.000		4943917.15		P	0.3
4	☐	1.000		4986676.52		P	0.3
5	☐	1.000		4862093.44		P	0.3
6	☐	1.000		4864090.03		P	0.4
7	☐	1.000		4778759.69		P	0.3
8	☐	1.000		4705969.62		P	0.3
9	☐	1.000		4276833.41		P	0.4

115 In (ISTD) [No Gas]

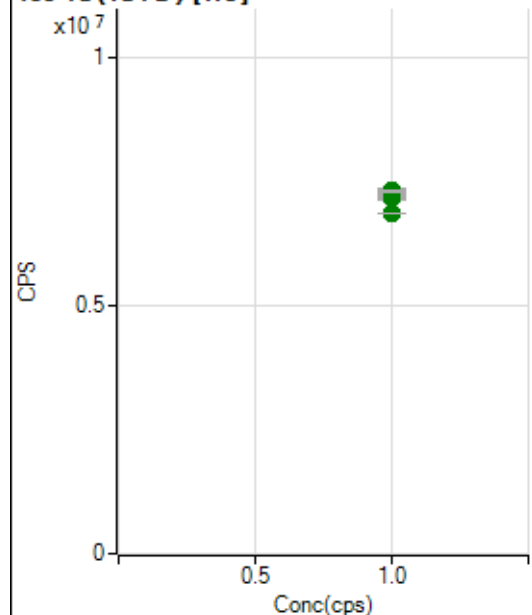
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11082526.28		A	1.0
2	☐	1.000					
3	☐	1.000		11446725.07		A	0.3
4	☐	1.000		11478896.49		A	0.3
5	☐	1.000		11436141.83		A	0.7
6	☐	1.000		11360374.61		A	0.2
7	☐	1.000		11149851.15		A	0.7
8	☐	1.000		11030913.16		A	0.4
9	☐	1.000		10439497.20		A	0.9

115 In (ISTD) [He]

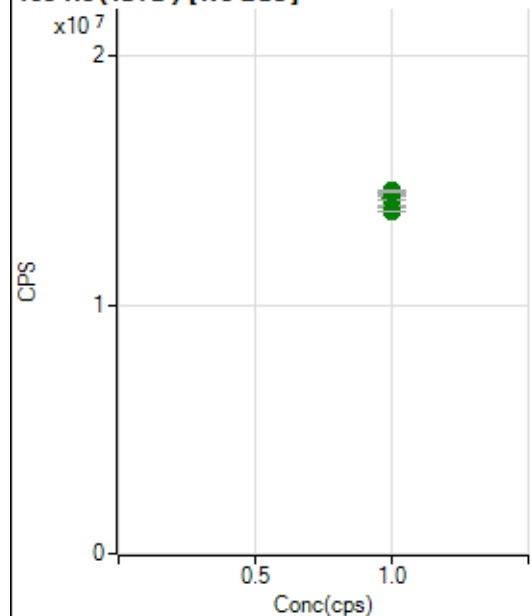
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2172506.22		P	0.3
2	☐	1.000					
3	☐	1.000		2155611.31		P	0.2
4	☐	1.000		2186979.81		P	0.1
5	☐	1.000		2138344.42		P	0.5
6	☐	1.000		2153091.17		P	0.5
7	☐	1.000		2109177.20		P	0.5
8	☐	1.000		2071813.01		P	0.6
9	☐	1.000		2010701.03		P	0.4

159 Tb (ISTD) [No Gas]

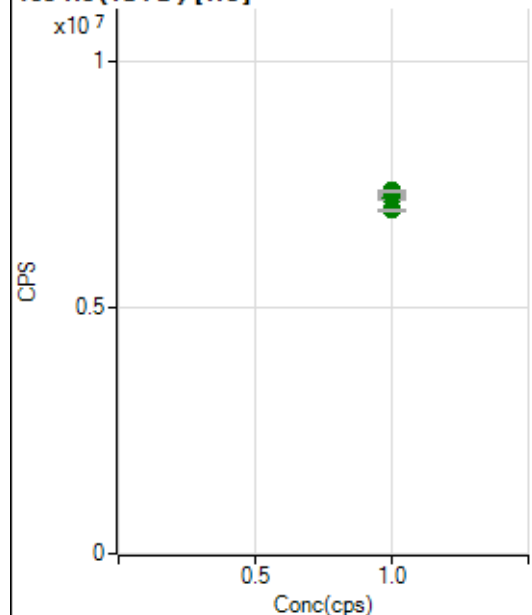
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14261662.29		A	0.2
2	☐	1.000					
3	☐	1.000		14806228.39		A	0.5
4	☐	1.000		15000924.92		A	0.3
5	☐	1.000		15062546.30		A	0.2
6	☐	1.000		15093340.05		A	0.8
7	☐	1.000		14900725.33		A	1.0
8	☐	1.000		14940679.08		A	0.3
9	☐	1.000		14196302.15		A	0.2

159 Tb (ISTD) [He]

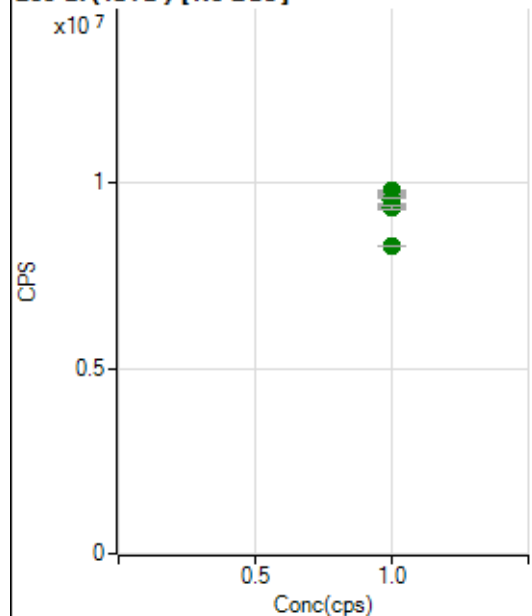
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7176058.71		A	0.6
2	☐	1.000					
3	☐	1.000		7149002.81		A	0.5
4	☐	1.000		7215731.21		A	1.0
5	☐	1.000		7189374.62		A	0.3
6	☐	1.000		7307215.31		A	1.0
7	☐	1.000		7253522.32		A	0.2
8	☐	1.000		7298109.06		A	0.5
9	☐	1.000		6851522.40		A	0.3

165 Ho (ISTD) [No Gas]

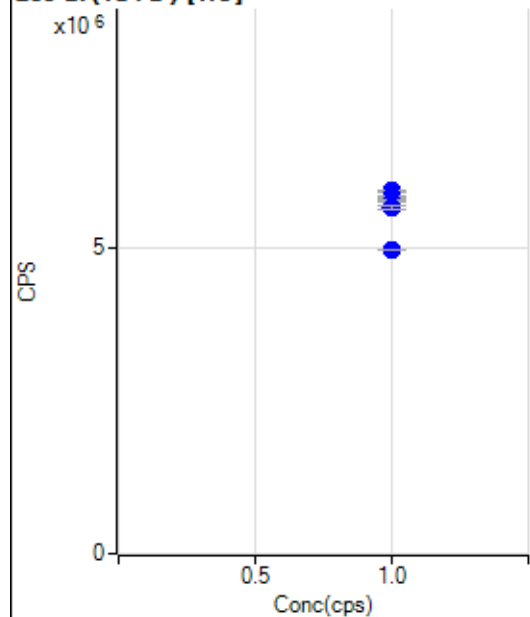
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13976700.83		A	0.6
2	☐	1.000					
3	☐	1.000		14292905.01		A	0.8
4	☐	1.000		14561688.86		A	0.5
5	☐	1.000		14564565.60		A	0.7
6	☐	1.000		14511017.51		A	0.4
7	☐	1.000		14519450.84		A	0.9
8	☐	1.000		14594722.72		A	0.4
9	☐	1.000		13766654.82		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7241588.99		A	0.3
2	☐	1.000					
3	☐	1.000		7206541.28		A	0.7
4	☐	1.000		7341452.60		A	0.5
5	☐	1.000		7213092.81		A	1.0
6	☐	1.000		7312715.58		A	0.3
7	☐	1.000		7334521.49		A	0.5
8	☐	1.000		7369050.80		A	0.4
9	☐	1.000		6984586.77		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9410656.60		A	1.1
2	☐	1.000					
3	☐	1.000		9663850.83		A	1.0
4	☐	1.000		9795851.66		A	0.7
5	☐	1.000		9726010.20		A	0.2
6	☐	1.000		9695022.42		A	0.7
7	☐	1.000		9540368.74		A	1.6
8	☐	1.000		9348394.24		A	0.7
9	☐	1.000		8298255.08		A	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5926887.90		P	0.5
2	☐	1.000					
3	☐	1.000		5835055.47		P	0.1
4	☐	1.000		5942997.20		P	0.1
5	☐	1.000		5813219.36		P	0.5
6	☐	1.000		5844280.05		P	0.4
7	☐	1.000		5775577.76		P	0.4
8	☐	1.000		5676592.83		P	0.9
9	☐	1.000		4976446.11		P	0.3