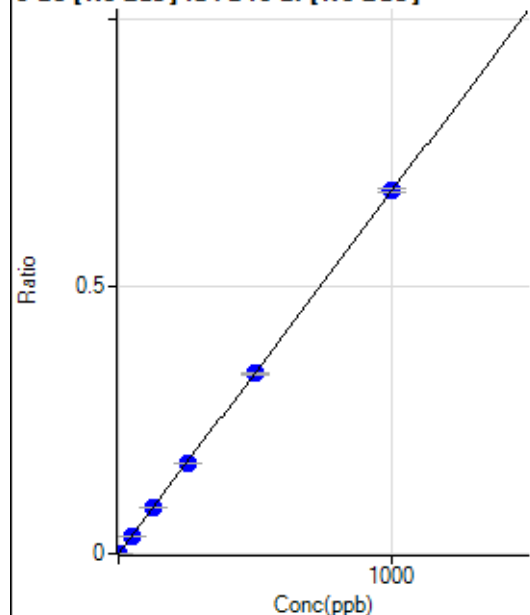


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8120419MSA.b\
Analysis File: P8120419MSA.batch.bin
DA Date-Time: 2019-12-05 00:25:51
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-04 19:09:33
2	004CAL.S.d	S01	2019-12-04 19:12:34
3	005CAL.S.d	S02	2019-12-04 19:15:31
4	006CAL.S.d	S03	2019-12-04 19:18:32
5	007CAL.S.d	S04	2019-12-04 19:21:30
6	008CAL.S.d	S05	2019-12-04 19:24:30
7	009CAL.S.d	S06	2019-12-04 19:27:28
8	010CAL.S.d	S07	2019-12-04 19:30:28
9	011CAL.S.d	S08	2019-12-04 19:33:26
10			

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.65	0.0001	P	11.1
2	☐	0.100	0.065	126.64	0.0001	P	18.6
3	☐	1.000	0.948	699.88	0.0007	P	2.1
4	☐	50.000	49.334	32031.59	0.0335	P	1.2
5	☐	125.000	125.326	81155.09	0.0849	P	1.0
6	☐	250.000	250.082	161947.36	0.1694	P	1.2
7	☐	500.000	497.157	327120.44	0.3366	P	0.8
8	☐	1000.000	1001.394	662397.45	0.6779	P	1.0
9	☐			99.98	0.0001	P	4.3
10	☐						

$$y = 6.7687\text{E-}004 * x + 9.2723\text{E-}005$$

R = 1.0000

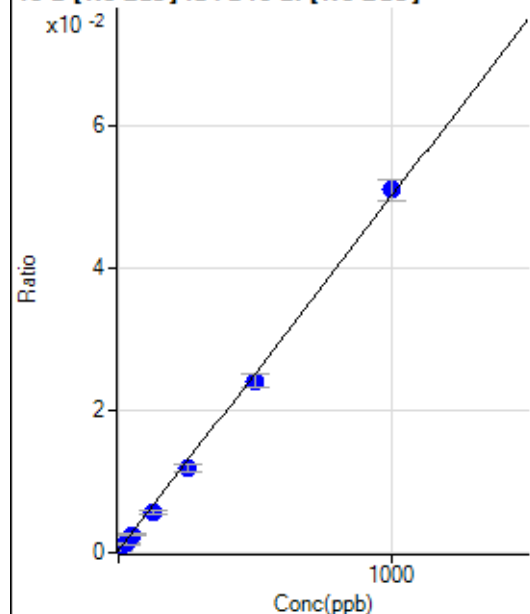
DL = 0.04547

BEC = 0.137

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.61	0.0003	P	7.1
2	☐	2.500	1.448	363.93	0.0004	P	8.6
3	☐	25.000	18.563	1189.15	0.0012	P	11.3
4	☐	50.000	43.640	2388.40	0.0025	P	6.1
5	☐	125.000	109.287	5513.97	0.0058	P	10.6
6	☐	250.000	232.507	11386.18	0.0119	P	8.6
7	☐	500.000	478.465	23482.78	0.0242	P	7.8
8	☐	1000.000	1017.586	49850.07	0.0510	P	5.6
9	☐			10785.85	0.0125	P	1.7
10	☐						

$$y = 4.9800\text{E-}005 * x + 3.2373\text{E-}004$$

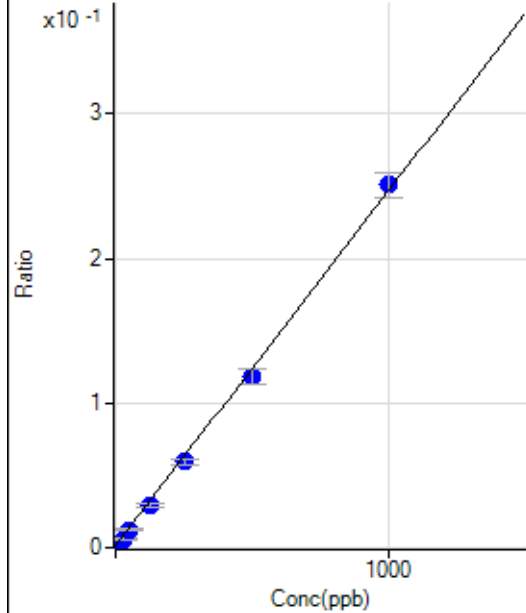
R = 0.9995

DL = 1.386

BEC = 6.501

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	1303.14	0.0014	P	10.1
2	☐	2.500	2.036	1779.76	0.0019	P	3.6
3	☐	25.000	17.784	5524.63	0.0058	P	10.2
4	☐	50.000	43.640	11616.33	0.0121	P	9.5
5	☐	125.000	110.987	27408.11	0.0287	P	9.0
6	☐	250.000	236.923	56993.40	0.0596	P	7.2
7	☐	500.000	477.465	115339.28	0.1186	P	8.4
8	☐	1000.000	1016.788	245357.36	0.2510	P	6.9
9	☐			53088.86	0.0614	P	2.5
10	☐						

$$y = 2.4543\text{E-}004 * x + 0.0014$$

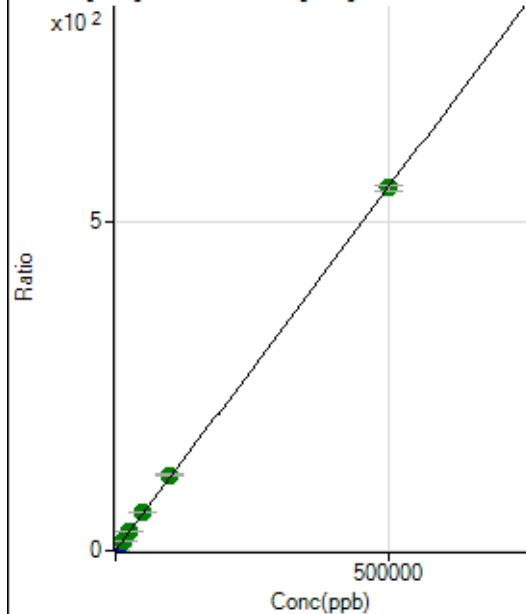
R = 0.9995

DL = 1.768

BEC = 5.841

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	35841.75	0.3058	P	2.6
2	☐	50.000	54.206	42897.01	0.3656	P	1.6
3	☐	500.000	534.429	104240.88	0.8956	P	2.1
4	☐	5000.000	5354.485	748270.36	6.2148	P	0.9
5	☐	12500.000	13539.478	1831018.36	15.2474	A	3.7
6	☐	25000.000	26590.751	3555046.30	29.6502	A	1.6
7	☐	50000.000	52175.542	7043825.07	57.8844	A	0.6
8	☐	100000.00	103780.69	14347834.35	114.8336	A	1.2
9	☐	500000.00	498917.20	65069038.95	550.8886	A	1.4
10	☐						

$$y = 0.0011 * x + 0.3058$$

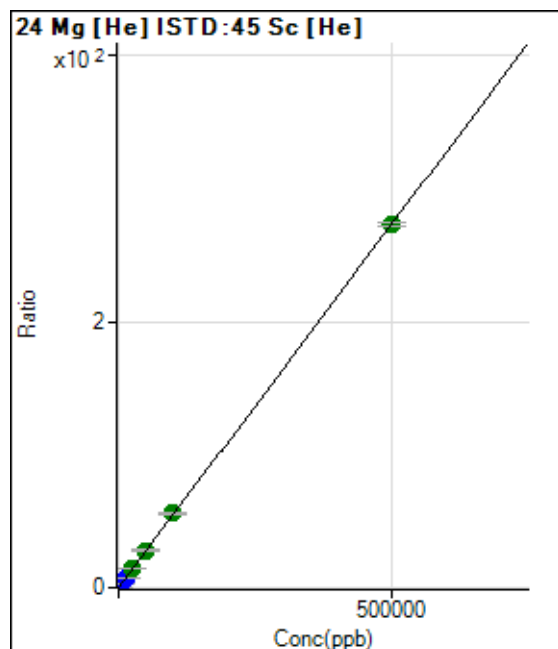
R = 1.0000

DL = 21.47

BEC = 277.1

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.01	0.0026	P	19.9
2	☐	50.000	56.142	3895.08	0.0332	P	1.8
3	☐	500.000	540.658	34655.91	0.2977	P	2.5
4	☐	5000.000	5300.649	348684.33	2.8960	P	1.2
5	☐	12500.000	13405.212	879245.11	7.3199	P	1.3
6	☐	25000.000	26090.888	1707923.11	14.2446	A	1.5
7	☐	50000.000	51452.124	3417901.29	28.0883	A	1.0
8	☐	100000.00	101943.81	6953113.52	55.6498	A	1.3
9	☐	500000.00	499385.80	32197951.07	272.5981	A	1.0
10	☐						

$$y = 5.4586E-004 * x + 0.0026$$

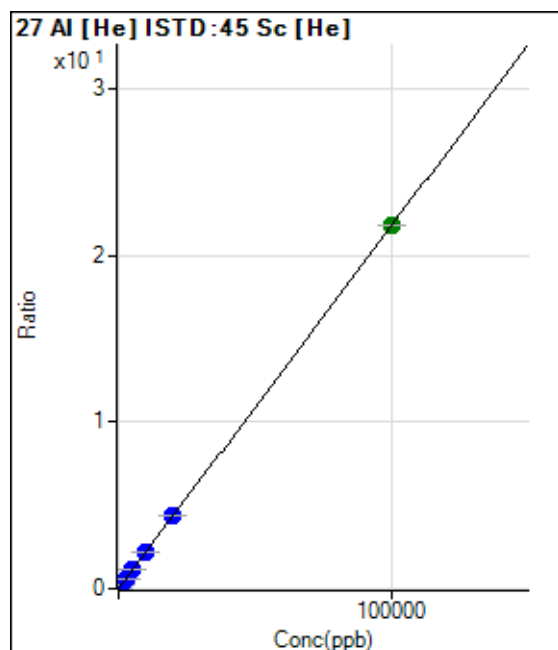
R = 1.0000

DL = 2.799

BEC = 4.689

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	193.34	0.0017	P	10.3
2	☐	2.000	2.125	247.78	0.0021	P	17.5
3	☐	20.000	19.893	696.69	0.0060	P	2.4
4	☐	1000.000	1004.562	26548.75	0.2205	P	0.9
5	☐	2500.000	2573.703	67551.53	0.5623	P	0.9
6	☐	5000.000	5109.446	133662.92	1.1148	P	1.1
7	☐	10000.000	10111.567	268248.37	2.2045	P	1.4
8	☐	20000.000	20025.009	545284.74	4.3642	P	1.1
9	☐	100000.00	99976.481	2572926.52	21.7821	A	0.1
10	☐						

$$y = 2.1786E-004 * x + 0.0017$$

R = 1.0000

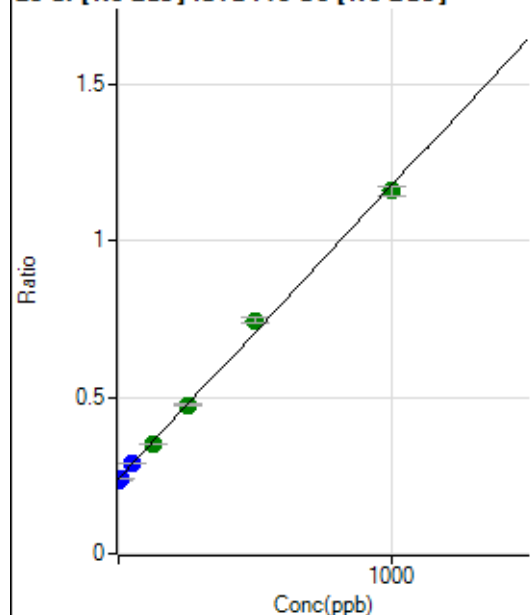
DL = 2.335

BEC = 7.575

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	-2.998	721443.70	0.2370	P	0.5
2	☐	1.000	-4.482	719192.56	0.2356	P	1.0
3	☐	10.000	0.214	740874.92	0.2400	P	0.8
4	☐	50.000	52.867	903793.71	0.2893	P	0.9
5	☐	125.000	119.076	1105611.48	0.3513	A	0.7
6	☐	250.000	251.800	1515823.99	0.4756	A	2.2
7	☐	500.000	538.547	2349054.52	0.7442	A	2.2
8	☐	1000.000	980.977	3777305.51	1.1586	A	3.0
9	☐			989397.26	0.3256	A	10.3
10	☐						

$$y = 9.365593E-004 * x + 0.239815$$

R = 0.9988

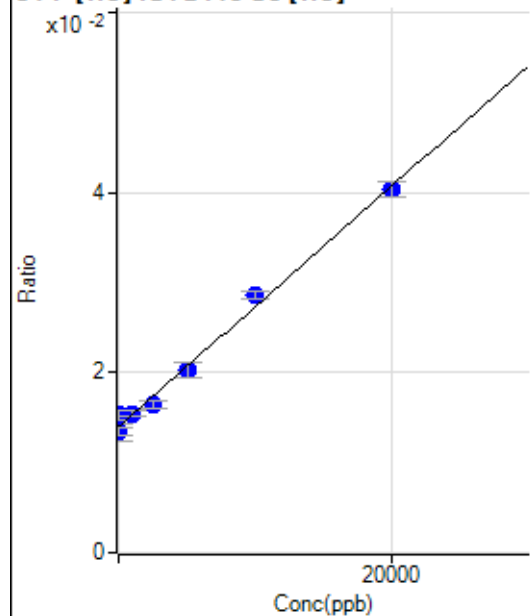
DL = 3.87

BEC = 256.1

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-487.070	1564.02	0.0134	P	13.7
2	☐	0.000	959.396	1791.82	0.0153	P	8.0
3	☐	0.000	-472.326	1555.69	0.0134	P	6.4
4	☐	1000.000	1077.502	1858.51	0.0154	P	3.6
5	☐	2500.000	1782.418	1966.85	0.0164	P	4.7
6	☐	5000.000	4718.399	2433.61	0.0203	P	8.1
7	☐	10000.000	10948.794	3481.08	0.0286	P	3.2
8	☐	20000.000	19681.826	5031.55	0.0403	P	4.2
9	☐			1652.92	0.0140	P	14.6
10	☐						

$$y = 1.3345E-006 * x + 0.0140$$

R = 0.9958

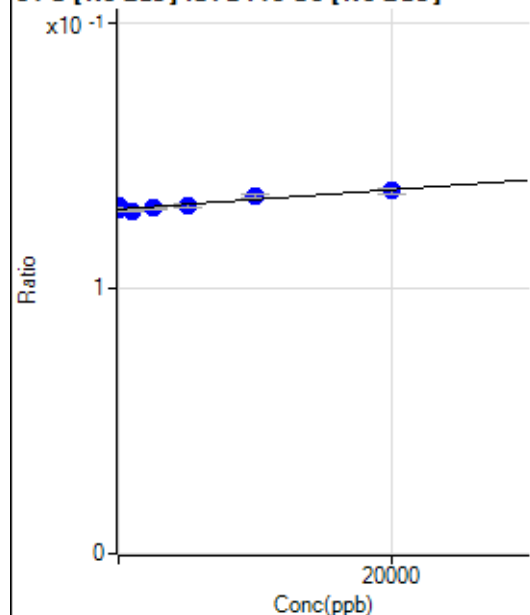
DL = 2933

BEC = 1.049E+04

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	256.967	394886.59	0.1297	P	0.3
2	☐	0.000	2646.434	398660.83	0.1306	P	0.4
3	☐	0.000	338.012	400528.06	0.1298	P	0.5
4	☐	1000.000	-1575.514	403131.97	0.1291	P	1.0
5	☐	2500.000	654.806	408684.46	0.1299	P	0.8
6	☐	5000.000	3342.045	417041.33	0.1309	P	0.9
7	☐	10000.000	14126.674	425374.63	0.1348	P	1.2
8	☐	20000.000	18710.577	444860.22	0.1365	P	1.3
9	☐			402503.00	0.1323	P	5.8
10	☐						

$$y = 3.662046E-007 * x + 0.129632$$

R = 0.9485

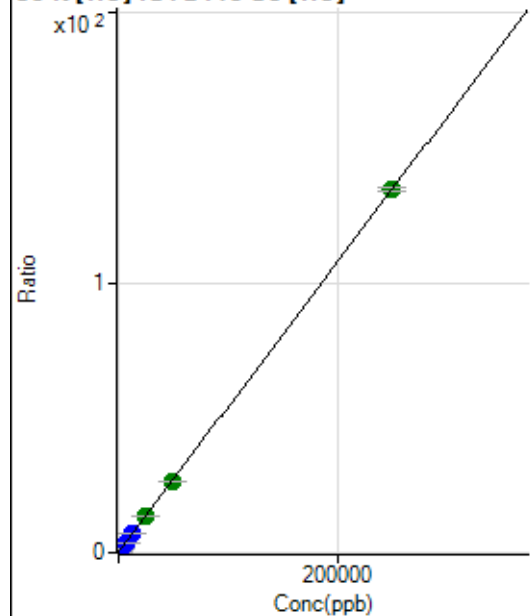
DL = 4157

BEC = 3.54E+05

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22593.15	0.1928	P	2.3
2	☐	50.000	57.376	26218.83	0.2235	P	3.6
3	☐	500.000	523.566	55108.45	0.4734	P	0.8
4	☐	2500.000	2562.501	188610.95	1.5665	P	0.8
5	☐	6250.000	6478.477	440314.22	3.6657	P	1.3
6	☐	12500.000	12946.222	855290.00	7.1330	P	0.3
7	☐	25000.000	25025.111	1655827.76	13.6082	A	1.6
8	☐	50000.000	49059.935	3310157.43	26.4927	A	0.7
9	☐	250000.00	250156.80	15862448.10	134.2964	A	1.1
10	☐						

$$y = 5.3608E-004 * x + 0.1928$$

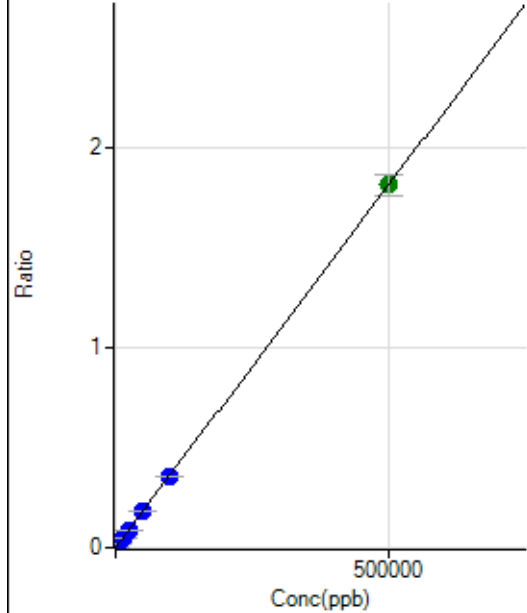
R = 1.0000

DL = 24.77

BEC = 359.6

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1655.70	0.0005	P	5.9
2	☐	50.000	51.193	2228.00	0.0007	P	6.9
3	☐	500.000	482.782	7090.84	0.0023	P	3.5
4	☐	5000.000	5025.286	58711.99	0.0188	P	1.2
5	☐	12500.000	12379.754	143197.54	0.0455	P	0.9
6	☐	25000.000	24606.469	286558.51	0.0899	P	1.4
7	☐	50000.000	49482.934	568820.08	0.1803	P	0.9
8	☐	100000.00	97843.351	1160191.03	0.3559	P	1.1
9	☐	500000.00	500505.48	5533622.56	1.8183	A	5.6
10	☐						

$$y = 3.6319\text{E-}006 * x + 5.4382\text{E-}004$$

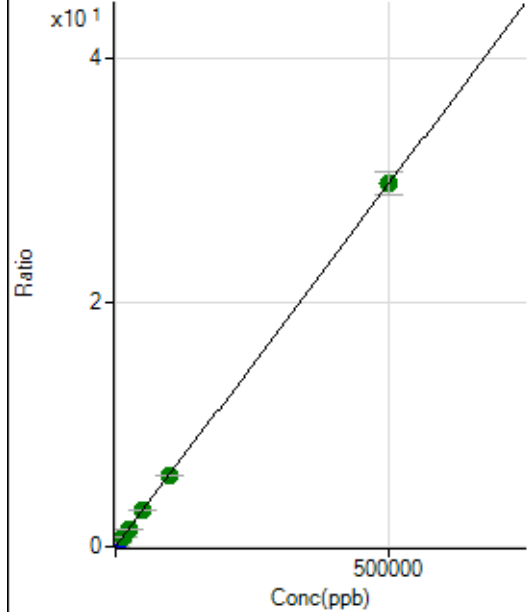
R = 1.0000

DL = 26.38

BEC = 149.7

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47169.56	0.0155	P	1.6
2	☐	50.000	51.511	56647.85	0.0186	P	0.2
3	☐	500.000	483.879	136586.48	0.0442	P	0.3
4	☐	5000.000	4884.848	955133.64	0.3058	P	0.7
5	☐	12500.000	12590.487	2402736.94	0.7636	A	2.2
6	☐	25000.000	24798.624	4745504.88	1.4890	A	1.1
7	☐	50000.000	49031.894	9243135.88	2.9290	A	0.2
8	☐	100000.00	98045.053	19042709.28	5.8413	A	1.4
9	☐	500000.00	500496.77	90525752.72	29.7548	A	6.3
10	☐						

$$y = 5.9420\text{E-}005 * x + 0.0155$$

R = 1.0000

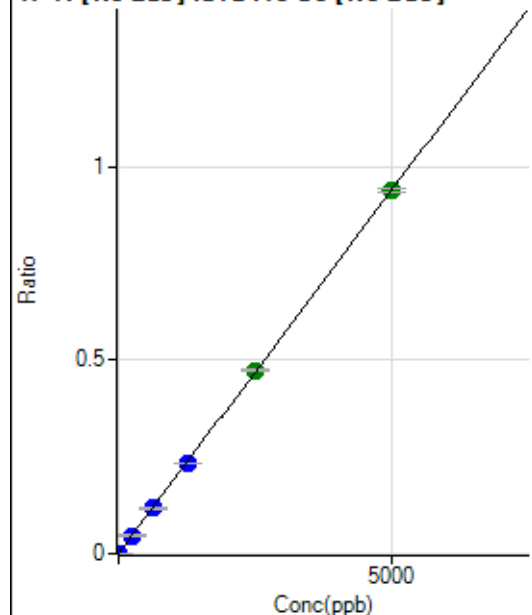
DL = 12.27

BEC = 260.8

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	1602.91	0.0005	P	5.3
2	☐	1.000	0.453	1866.84	0.0006	P	6.8
3	☐	10.000	4.756	4378.56	0.0014	P	4.0
4	☐	250.000	248.522	147222.81	0.0471	P	1.5
5	☐	625.000	619.607	367302.20	0.1167	P	0.8
6	☐	1250.000	1234.672	739598.14	0.2321	P	1.0
7	☐	2500.000	2522.441	1494526.96	0.4736	A	1.0
8	☐	5000.000	4993.370	3054387.11	0.9369	A	1.1
9	☐			1755.71	0.0006	P	13.1
10	☐						

$$y = 1.8753E-004 * x + 5.2661E-004$$

R = 1.0000

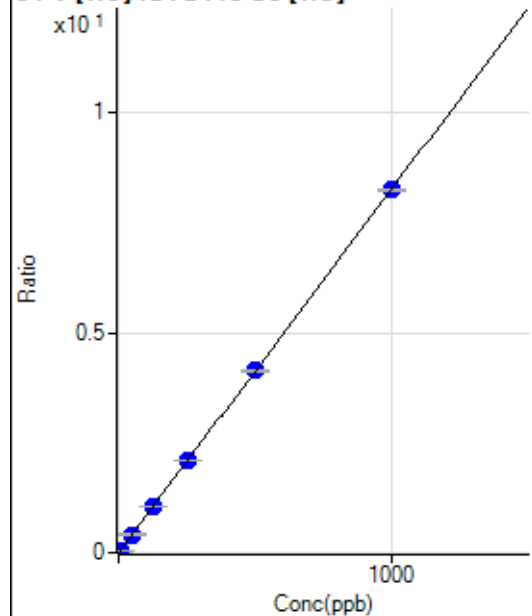
DL = 0.4492

BEC = 2.808

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	70.00	0.0006	P	10.2
2	☐	0.500	0.526	580.02	0.0049	P	4.2
3	☐	5.000	5.304	5167.65	0.0444	P	1.5
4	☐	50.000	50.011	49800.77	0.4136	P	1.1
5	☐	125.000	128.544	127579.70	1.0621	P	0.9
6	☐	250.000	254.427	251991.09	2.1016	P	1.0
7	☐	500.000	500.469	502974.44	4.1334	P	0.9
8	☐	1000.000	998.214	1030029.09	8.2438	P	0.5
9	☐			360.01	0.0030	P	13.5
10	☐						

$$y = 0.0083 * x + 5.9747E-004$$

R = 1.0000

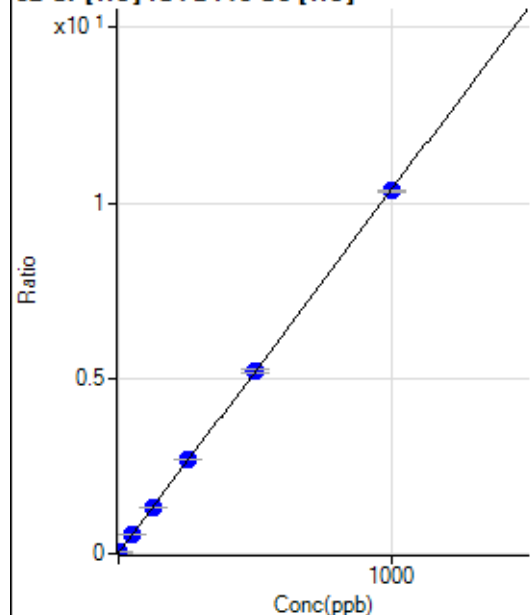
DL = 0.02218

BEC = 0.07235

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	1597.88	0.0136	P	2.5
2	☐	0.200	0.285	1945.71	0.0166	P	1.8
3	☐	2.000	1.959	3948.36	0.0339	P	3.2
4	☐	50.000	51.082	65352.92	0.5428	P	1.3
5	☐	125.000	126.968	159633.93	1.3289	P	0.6
6	☐	250.000	257.916	321982.69	2.6854	P	1.2
7	☐	500.000	502.027	634464.38	5.2142	P	1.5
8	☐	1000.000	996.707	1291765.09	10.3386	P	0.7
9	☐			35687.83	0.3021	P	0.7
10	☐						

$$y = 0.0104 * x + 0.0136$$

R = 1.0000

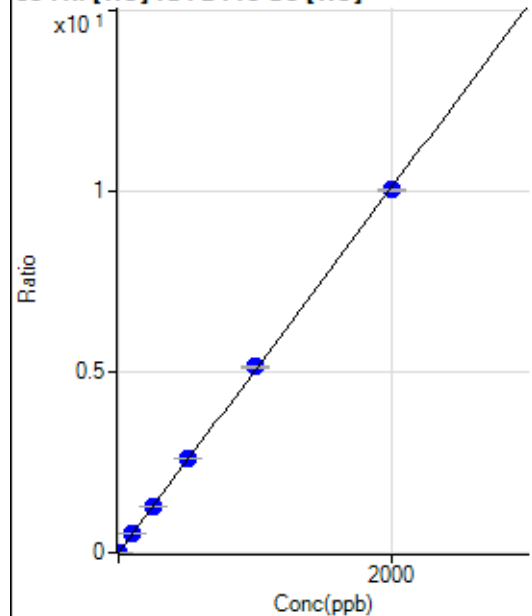
DL = 0.09757

BEC = 1.316

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.56	0.0015	P	6.9
2	☐	0.100	0.178	281.12	0.0024	P	8.5
3	☐	1.000	1.077	807.81	0.0069	P	5.0
4	☐	100.000	101.067	61691.46	0.5124	P	1.4
5	☐	250.000	256.236	155773.07	1.2967	P	0.2
6	☐	500.000	513.963	311684.14	2.5995	P	1.0
7	☐	1000.000	1016.796	625606.99	5.1412	P	0.8
8	☐	2000.000	1987.278	1255300.75	10.0468	P	0.8
9	☐			4068.40	0.0344	P	1.6
10	☐	10000.000					

$$y = 0.0051 * x + 0.0015$$

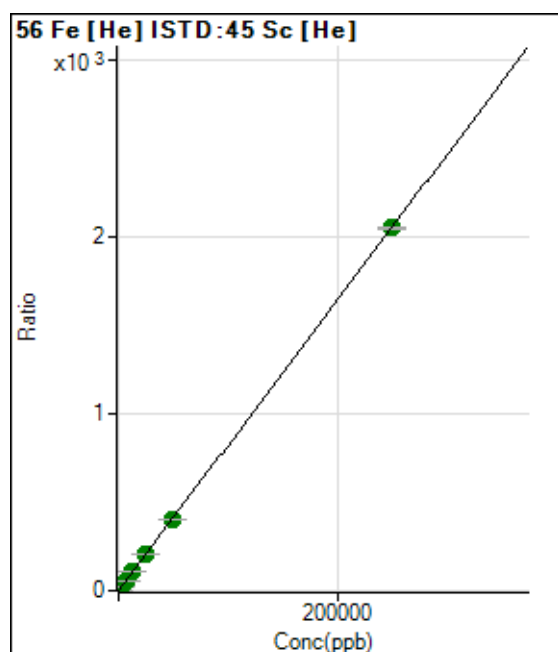
R = 0.9999

DL = 0.06089

BEC = 0.2963

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4083.98	0.0348	P	4.1
2	☐	5.000	5.690	9571.85	0.0816	P	1.7
3	☐	50.000	53.918	55610.01	0.4778	P	1.5
4	☐	2500.000	2593.592	2569604.34	21.3404	A	0.9
5	☐	6250.000	6431.609	6350053.15	52.8685	A	1.7
6	☐	12500.000	12974.041	12783582.35	106.6126	A	0.3
7	☐	25000.000	25330.085	25324108.67	208.1136	A	1.5
8	☐	50000.000	49425.654	50735056.69	406.0512	A	0.9
9	☐	250000.00	250052.68	242637253.5	2,054.139	A	0.6
10	☐						

$$y = 0.0082 * x + 0.0348$$

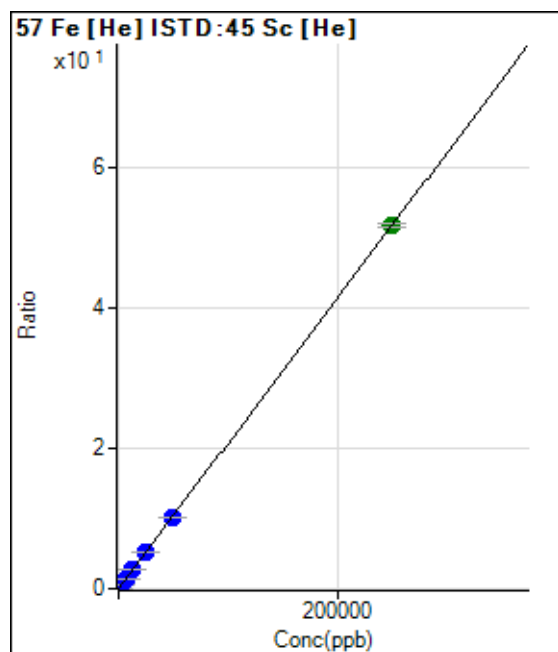
R = 1.0000

DL = 0.5188

BEC = 4.242

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	157.41	0.0013	P	11.4
2	☐	5.000	4.505	266.68	0.0023	P	9.0
3	☐	50.000	56.226	1505.66	0.0129	P	11.1
4	☐	2500.000	2526.516	62893.97	0.5223	P	1.7
5	☐	6250.000	6456.858	160084.12	1.3328	P	1.3
6	☐	12500.000	12872.164	318400.81	2.6556	P	1.7
7	☐	25000.000	25244.339	633558.61	5.2067	P	1.6
8	☐	50000.000	49183.489	1267337.35	10.1430	P	0.7
9	☐	250000.00	250114.82	6091902.68	51.5752	A	1.0
10	☐						

$$y = 2.0620E-004 * x + 0.0013$$

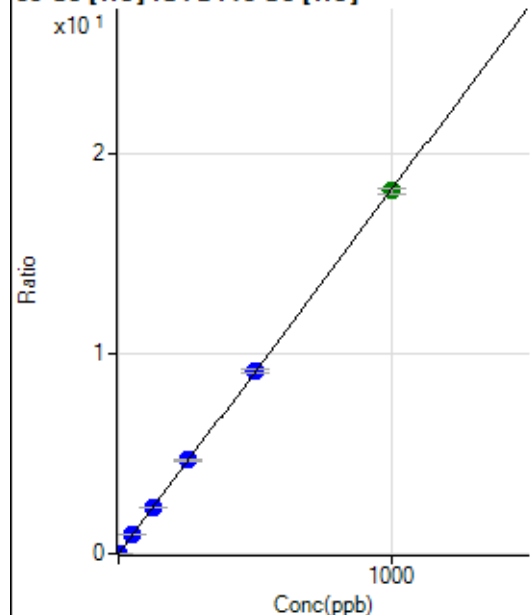
R = 1.0000

DL = 2.228

BEC = 6.516

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	290.00	0.0025	P	9.2
2	☐	0.100	0.076	452.23	0.0039	P	9.6
3	☐	1.000	0.986	2375.78	0.0204	P	10.3
4	☐	50.000	50.703	111417.40	0.9253	P	0.9
5	☐	125.000	128.221	280641.17	2.3363	P	0.8
6	☐	250.000	256.357	559760.75	4.6685	P	1.3
7	☐	500.000	502.440	1113058.28	9.1476	P	1.8
8	☐	1000.000	996.753	2267065.45	18.1448	A	1.6
9	☐			3738.30	0.0317	P	3.4
10	☐						

$$y = 0.0182 * x + 0.0025$$

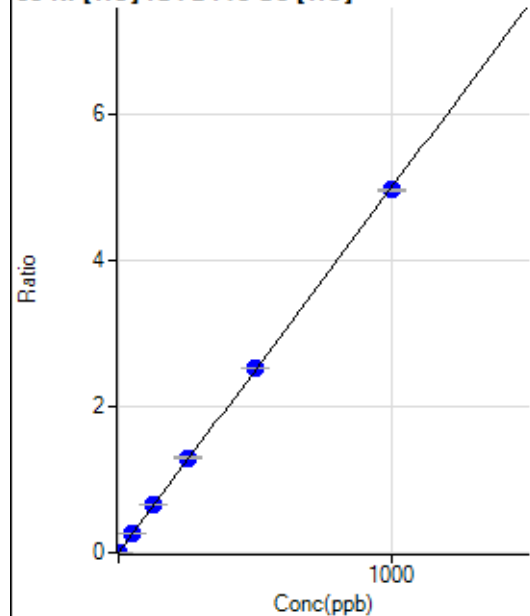
R = 1.0000

DL = 0.0373

BEC = 0.1359

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	180.00	0.0015	P	15.8
2	☐	0.100	0.032	198.89	0.0017	P	9.4
3	☐	1.000	0.948	728.92	0.0063	P	7.5
4	☐	50.000	51.275	30981.58	0.2573	P	0.5
5	☐	125.000	130.143	78157.64	0.6507	P	1.6
6	☐	250.000	260.040	155707.07	1.2986	P	1.7
7	☐	500.000	505.896	307255.18	2.5250	P	0.8
8	☐	1000.000	993.836	619596.87	4.9589	P	0.4
9	☐			12160.87	0.1030	P	0.7
10	☐						

$$y = 0.0050 * x + 0.0015$$

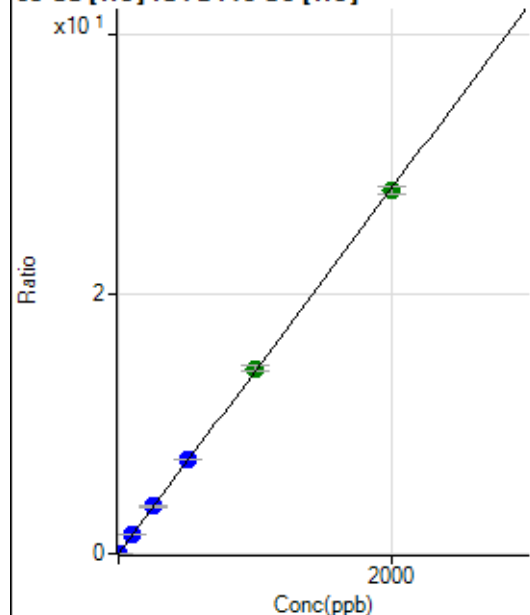
R = 0.9999

DL = 0.1459

BEC = 0.3078

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	364.45	0.0031	P	6.9
2	☐	0.200	0.171	646.69	0.0055	P	12.7
3	☐	2.000	2.149	3877.24	0.0333	P	7.9
4	☐	100.000	103.761	176011.41	1.4618	P	0.9
5	☐	250.000	258.184	436336.43	3.6327	P	1.4
6	☐	500.000	517.290	872308.86	7.2752	P	1.2
7	☐	1000.000	1015.070	1736690.70	14.2731	A	2.5
8	☐	2000.000	1986.931	3490409.39	27.9356	A	2.0
9	☐			6116.93	0.0518	P	3.0
10	☐	10000.000					

$$y = 0.0141 * x + 0.0031$$

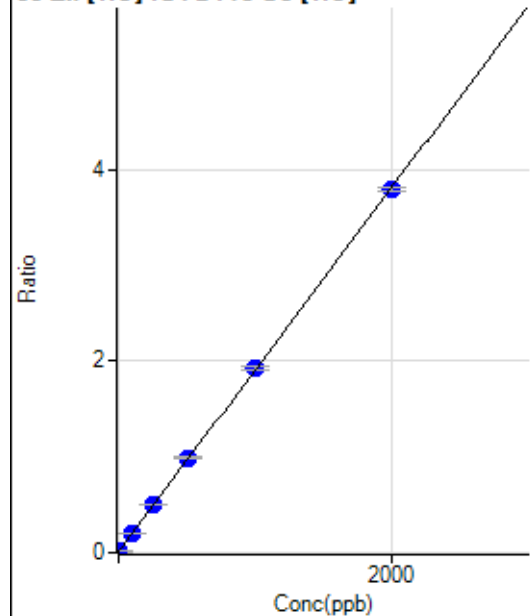
R = 0.9999

DL = 0.04603

BEC = 0.2212

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1054.50	0.0090	P	3.3
2	☐	0.200	0.174	1094.50	0.0093	P	8.1
3	☐	2.000	2.075	1505.65	0.0129	P	3.5
4	☐	100.000	103.065	24652.61	0.2047	P	0.5
5	☐	250.000	258.489	60052.00	0.5000	P	1.4
6	☐	500.000	514.969	118349.17	0.9871	P	1.8
7	☐	1000.000	1012.759	235149.71	1.9326	P	1.7
8	☐	2000.000	1988.664	473058.79	3.7861	P	0.9
9	☐			7678.83	0.0650	P	0.9
10	☐	10000.000					

$$y = 0.0019 * x + 0.0090$$

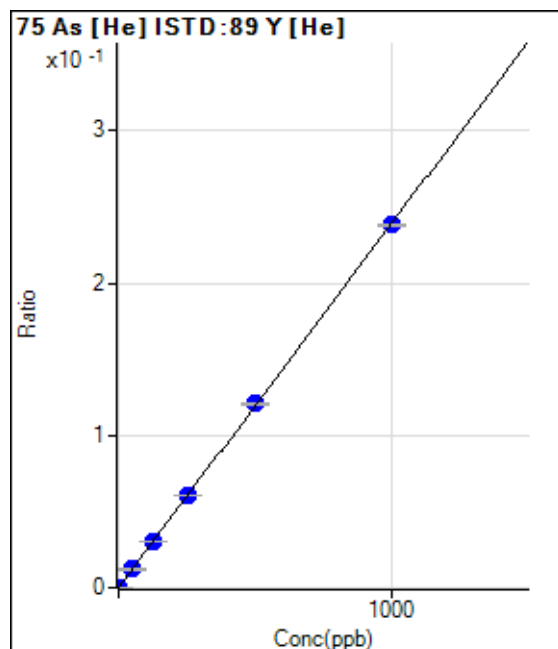
R = 0.9999

DL = 0.4676

BEC = 4.736

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.33	0.0000	P	38.8
2	☐	0.100	0.137	34.67	0.0001	P	29.6
3	☐	1.000	0.996	173.35	0.0003	P	3.2
4	☐	50.000	50.239	8325.96	0.0120	P	1.4
5	☐	125.000	127.487	21114.83	0.0305	P	0.2
6	☐	250.000	252.059	41822.99	0.0603	P	0.6
7	☐	500.000	505.234	83782.83	0.1208	P	1.1
8	☐	1000.000	996.545	168970.47	0.2383	P	0.5
9	☐			78.34	0.0001	P	14.0
10	☐						

$$y = 2.3906E-004 * x + 1.8304E-005$$

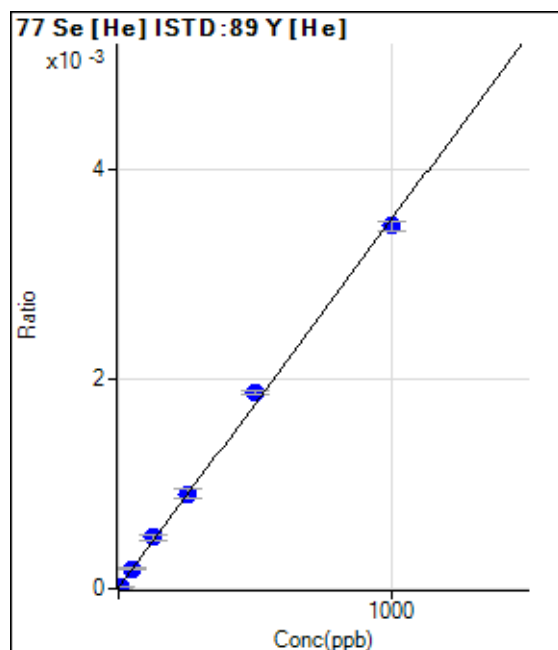
R = 1.0000

DL = 0.08915

BEC = 0.07657

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.4
2	☐	0.500	-1.411	2.22	0.0000	P	86.6
3	☐	5.000	4.204	15.56	0.0000	P	32.1
4	☐	50.000	51.164	130.00	0.0002	P	8.6
5	☐	125.000	136.674	337.79	0.0005	P	8.6
6	☐	250.000	255.019	626.69	0.0009	P	11.2
7	☐	500.000	529.612	1294.51	0.0019	P	2.3
8	☐	1000.000	982.427	2450.24	0.0035	P	3.0
9	☐			5.55	0.0000	P	69.1
10	☐						

$$y = 3.5086E-006 * x + 8.2236E-006$$

R = 0.9993

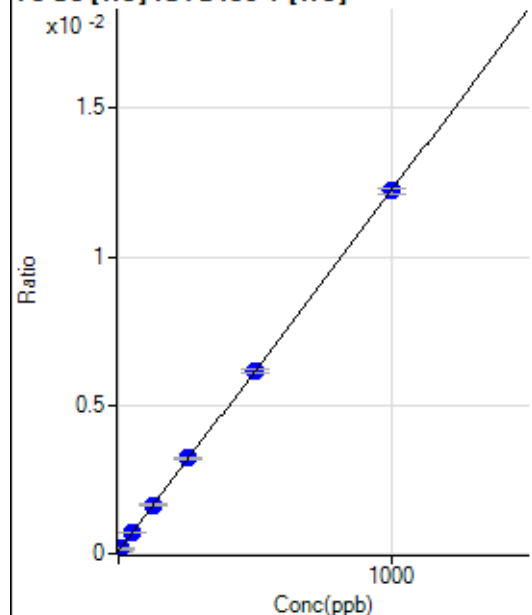
DL = 2.417

BEC = 2.344

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.01	0.0001	P	5.5
2	☐	0.500	1.154	68.01	0.0001	P	12.2
3	☐	5.000	6.317	110.01	0.0002	P	6.4
4	☐	50.000	52.865	504.06	0.0007	P	2.8
5	☐	125.000	127.531	1132.16	0.0016	P	3.8
6	☐	250.000	256.864	2224.74	0.0032	P	1.6
7	☐	500.000	499.376	4267.08	0.0062	P	1.8
8	☐	1000.000	998.130	8660.53	0.0122	P	1.5
9	☐			66.34	0.0001	P	9.0
10	☐						

$$y = 1.2148\text{E-}005 * x + 8.5919\text{E-}005$$

R = 1.0000

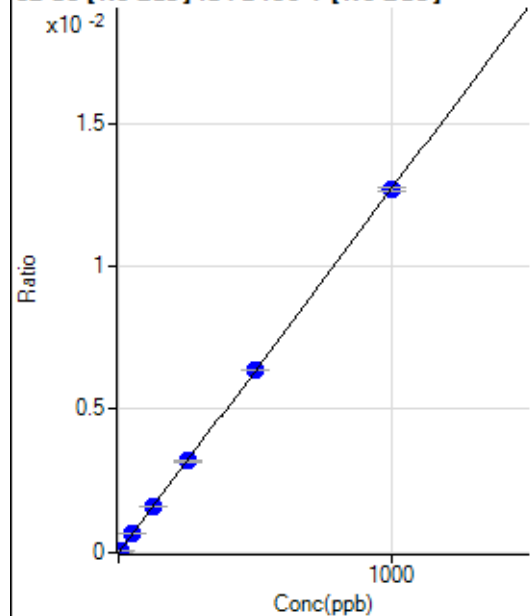
DL = 1.171

BEC = 7.073

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-104.64	0.0000	P	-40.
2	☐	0.500	1.914	15.30	0.0000	P	151.
3	☐	5.000	6.411	303.90	0.0001	P	56.2
4	☐	50.000	53.594	3308.63	0.0007	P	2.6
5	☐	125.000	128.164	8149.96	0.0016	P	1.6
6	☐	250.000	251.285	16235.79	0.0032	P	1.0
7	☐	500.000	502.534	32212.57	0.0064	P	0.5
8	☐	1000.000	997.829	65330.91	0.0127	P	0.9
9	☐			19.20	0.0000	P	712.
10	☐						

$$y = 1.2736\text{E-}005 * x - 2.1291\text{E-}005$$

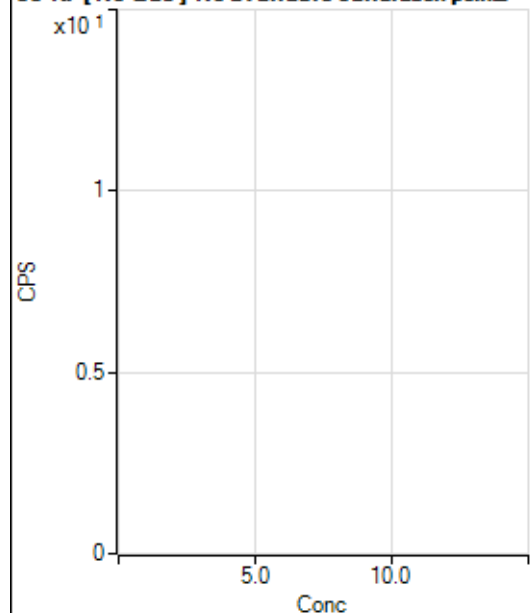
R = 1.0000

DL = 2.007

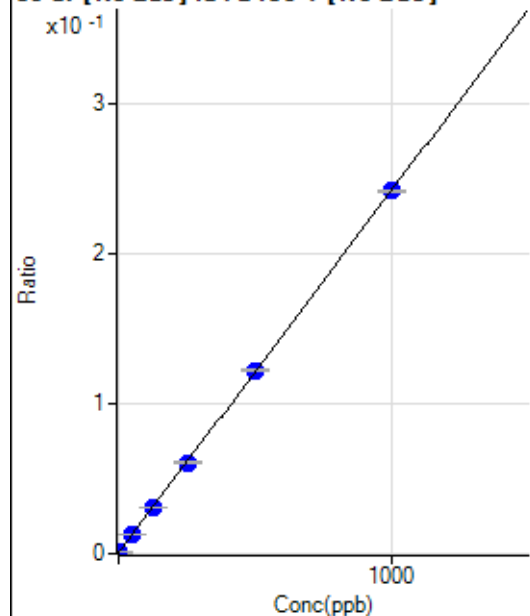
BEC = -1.672

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1973.50		P	3.2
2	☐			1871.26		P	2.4
3	☐			1842.36		P	6.7
4	☐			1811.25		P	3.6
5	☐			1889.03		P	1.7
6	☐			1877.93		P	5.0
7	☐			1849.03		P	0.5
8	☐			1885.70		P	3.8
9	☐			1876.82		P	6.6
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2861.49	0.0006	P	2.0
2	☐	0.100	0.029	2900.38	0.0006	P	4.7
3	☐	1.000	0.916	4053.49	0.0008	P	2.0
4	☐	50.000	50.007	63282.47	0.0127	P	3.7
5	☐	125.000	125.567	156252.32	0.0309	P	1.6
6	☐	250.000	249.424	310404.78	0.0608	P	0.8
7	☐	500.000	502.463	615248.15	0.1218	P	0.8
8	☐	1000.000	998.841	1244324.22	0.2416	P	0.7
9	☐			8302.70	0.0017	P	9.7
10	☐						

$$y = 2.4133\text{E-}004 * x + 5.8174\text{E-}004$$

$$R = 1.0000$$

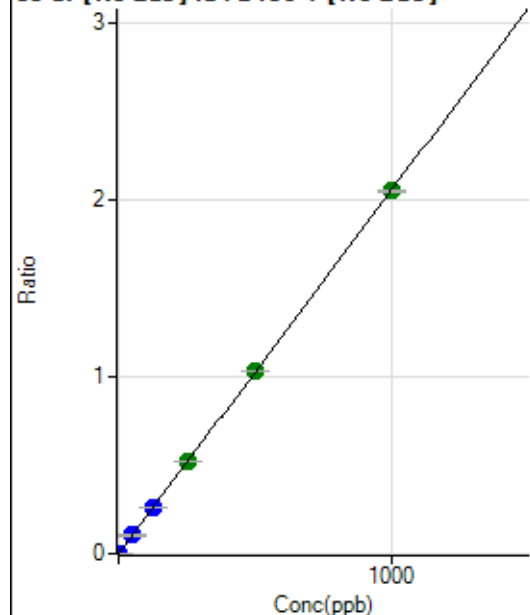
$$DL = 0.1435$$

$$BEC = 2.411$$

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	77.78	0.0000	P	24.6
2	☐	0.100	0.118	1272.32	0.0003	P	8.8
3	☐	1.000	1.011	10573.73	0.0021	P	1.8
4	☐	50.000	50.391	518397.04	0.1036	P	1.9
5	☐	125.000	126.365	1314276.38	0.2598	P	1.3
6	☐	250.000	254.126	2668228.64	0.5224	A	1.3
7	☐	500.000	501.915	5210302.02	1.0318	A	0.8
8	☐	1000.000	997.821	10563199.89	2.0513	A	0.8
9	☐			44287.58	0.0090	P	4.4
10	☐						

$$y = 0.0021 * x + 1.5812E-005$$

$$R = 1.0000$$

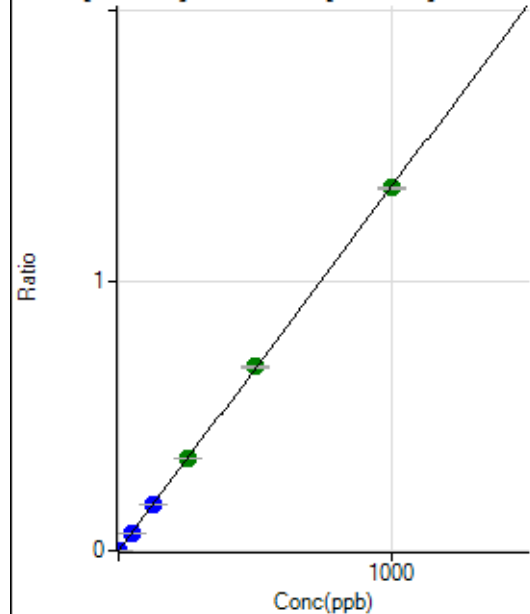
$$DL = 0.005687$$

$$BEC = 0.007692$$

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	319.46	0.0001	P	8.5
2	☐	0.100	0.088	902.83	0.0002	P	12.8
3	☐	1.000	0.973	6951.92	0.0014	P	0.6
4	☐	50.000	49.712	335820.79	0.0671	P	1.6
5	☐	125.000	124.831	852089.41	0.1684	P	0.8
6	☐	250.000	254.471	1753264.84	0.3433	A	1.0
7	☐	500.000	504.545	3436671.17	0.6806	A	0.3
8	☐	1000.000	996.645	6922443.56	1.3443	A	0.5
9	☐			1516.80	0.0003	P	2.6
10	☐						

$$y = 0.0013 * x + 6.4929E-005$$

$$R = 1.0000$$

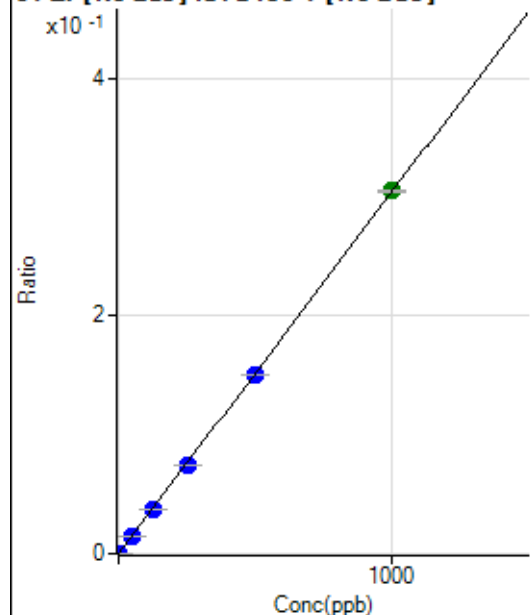
$$DL = 0.01228$$

$$BEC = 0.04814$$

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	69.45	0.0000	P	29.1
2	☐	0.100	0.121	250.01	0.0001	P	21.3
3	☐	1.000	0.940	1514.01	0.0003	P	7.4
4	☐	50.000	48.862	74346.00	0.0149	P	4.5
5	☐	125.000	123.206	189495.68	0.0375	P	1.1
6	☐	250.000	245.451	381030.85	0.0746	P	1.3
7	☐	500.000	493.926	758105.25	0.1501	P	0.6
8	☐	1000.000	1004.455	1571977.30	0.3053	A	0.8
9	☐			363.91	0.0001	P	4.4
10	☐						

$$y = 3.0390E-004 * x + 1.4152E-005$$

R = 1.0000

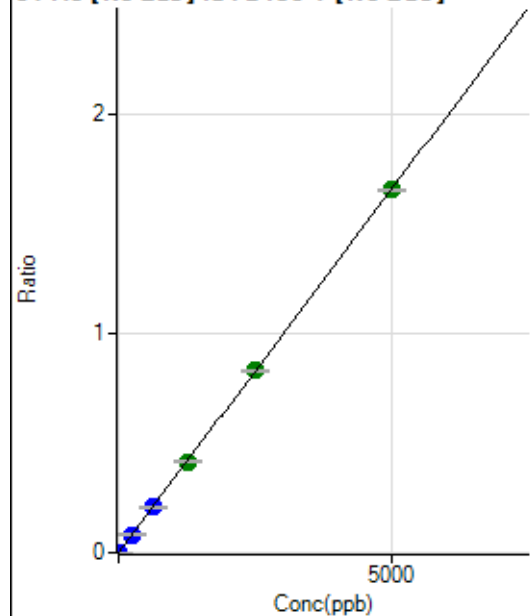
DL = 0.04061

BEC = 0.04657

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0000	P	37.8
2	☐	1.000	0.589	1097.29	0.0002	P	8.4
3	☐	10.000	4.873	8302.75	0.0016	P	2.6
4	☐	250.000	250.444	416091.70	0.0832	P	1.9
5	☐	625.000	624.552	1048956.15	0.2073	P	0.9
6	☐	1250.000	1254.088	2126113.09	0.4163	A	1.6
7	☐	2500.000	2512.523	4211660.07	0.8340	A	0.9
8	☐	5000.000	4992.760	8534405.14	1.6573	A	0.4
9	☐			5409.52	0.0011	P	7.8
10	☐						

$$y = 3.3194E-004 * x + 2.7151E-005$$

R = 1.0000

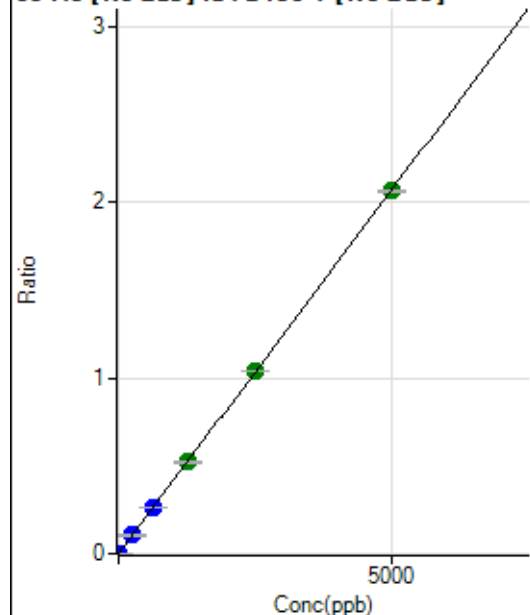
DL = 0.09269

BEC = 0.0818

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.78	0.0000	P	20.5
2	☐	1.000	0.491	1155.64	0.0002	P	7.2
3	☐	10.000	5.116	10860.12	0.0022	P	5.1
4	☐	250.000	251.418	521246.47	0.1042	P	1.7
5	☐	625.000	629.201	1318677.86	0.2607	P	1.5
6	☐	1250.000	1260.435	2666660.65	0.5221	A	1.4
7	☐	2500.000	2512.600	5255761.14	1.0408	A	0.3
8	☐	5000.000	4990.505	10645044.51	2.0672	A	0.7
9	☐			7782.93	0.0016	P	4.5
10	☐						

$$y = 4.1421\text{E-}004 * x + 3.1118\text{E-}005$$

R = 1.0000

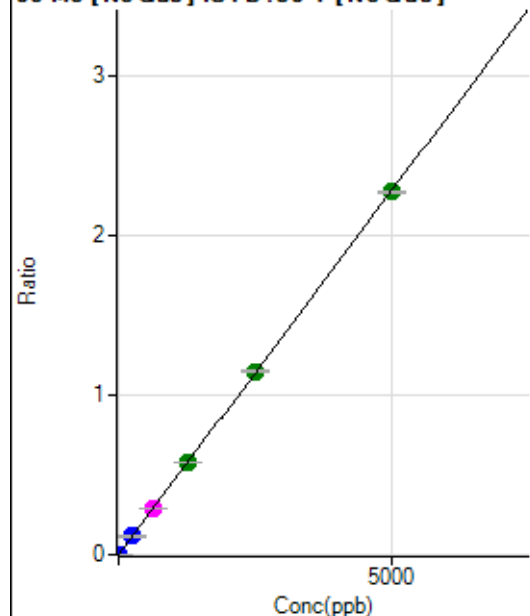
DL = 0.04622

BEC = 0.07513

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	225.01	0.0000	P	2.4
2	☐	1.000	0.495	1339.00	0.0003	P	4.0
3	☐	10.000	4.966	11669.14	0.0023	P	1.9
4	☐	250.000	252.545	576719.37	0.1153	P	2.2
5	☐	625.000	636.761	1469962.69	0.2906	M	2.2
6	☐	1250.000	1266.286	2950726.30	0.5778	A	1.5
7	☐	2500.000	2515.797	5796771.48	1.1478	A	1.3
8	☐	5000.000	4986.443	11715441.06	2.2750	A	0.5
9	☐			9275.53	0.0019	P	2.6
10	☐						

$$y = 4.5623\text{E-}004 * x + 4.5736\text{E-}005$$

R = 1.0000

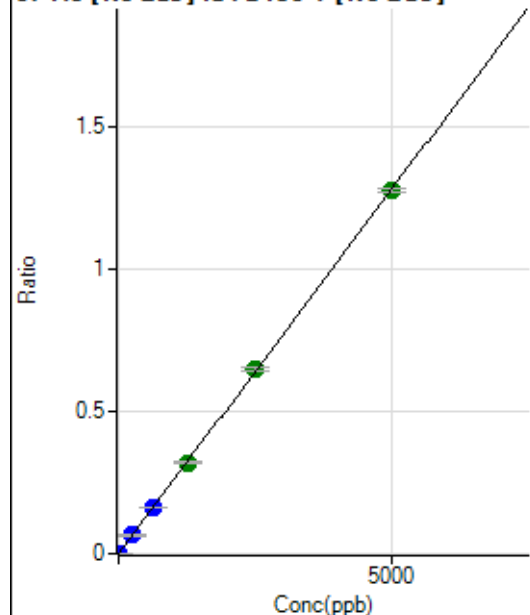
DL = 0.0071

BEC = 0.1002

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	69.45	0.0000	P	33.8
2	☐	1.000	0.541	752.82	0.0002	P	12.2
3	☐	10.000	4.792	6259.92	0.0012	P	4.8
4	☐	250.000	253.335	324517.84	0.0649	P	2.5
5	☐	625.000	628.877	814484.89	0.1610	P	1.5
6	☐	1250.000	1248.853	1632721.50	0.3197	A	1.6
7	☐	2500.000	2536.723	3279131.84	0.6494	A	1.2
8	☐	5000.000	4981.284	6566368.94	1.2751	A	1.1
9	☐			4837.09	0.0010	P	8.6
10	☐						

$$y = 2.5598E-004 * x + 1.4081E-005$$

R = 1.0000

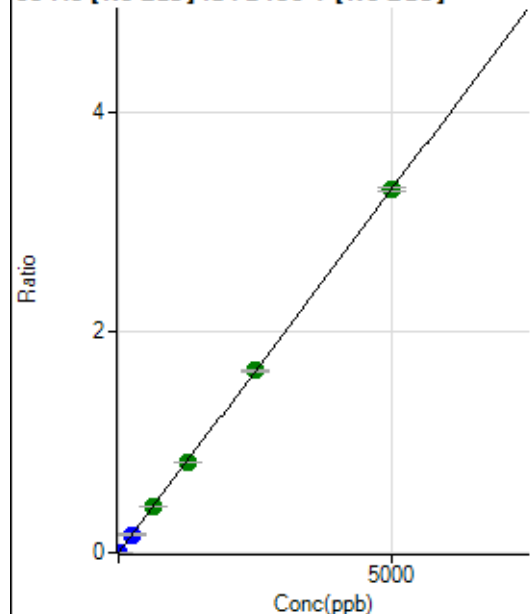
DL = 0.05573

BEC = 0.05501

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	213.90	0.0000	P	19.1
2	☐	1.000	0.455	1689.04	0.0003	P	2.4
3	☐	10.000	4.907	16529.76	0.0033	P	1.7
4	☐	250.000	249.849	823301.74	0.1645	P	2.2
5	☐	625.000	635.902	2118410.07	0.4187	A	0.8
6	☐	1250.000	1249.470	4202004.13	0.8227	A	0.7
7	☐	2500.000	2503.382	8323694.54	1.6483	A	0.3
8	☐	5000.000	4997.097	16943206.28	3.2902	A	1.1
9	☐			12355.81	0.0025	P	4.1
10	☐						

$$y = 6.5841E-004 * x + 4.3455E-005$$

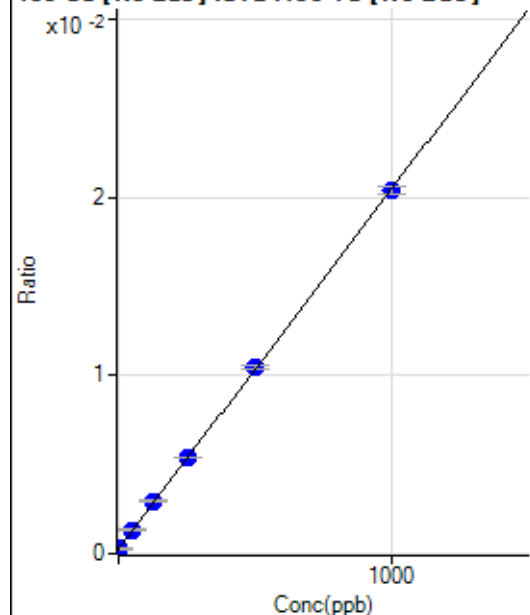
R = 1.0000

DL = 0.03786

BEC = 0.066

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	1219.54	0.0003	P	4.3
2	☐	0.100	-0.770	1150.09	0.0002	P	6.3
3	☐	1.000	0.676	1305.65	0.0003	P	6.1
4	☐	50.000	52.332	6273.82	0.0013	P	6.6
5	☐	125.000	133.339	14057.59	0.0030	P	2.0
6	☐	250.000	254.104	26183.76	0.0054	P	1.2
7	☐	500.000	504.453	50462.36	0.0105	P	2.1
8	☐	1000.000	995.589	100431.81	0.0204	P	2.2
9	☐			1275.10	0.0003	P	4.7
10	☐						

$$y = 2.0196E-005 * x + 2.6224E-004$$

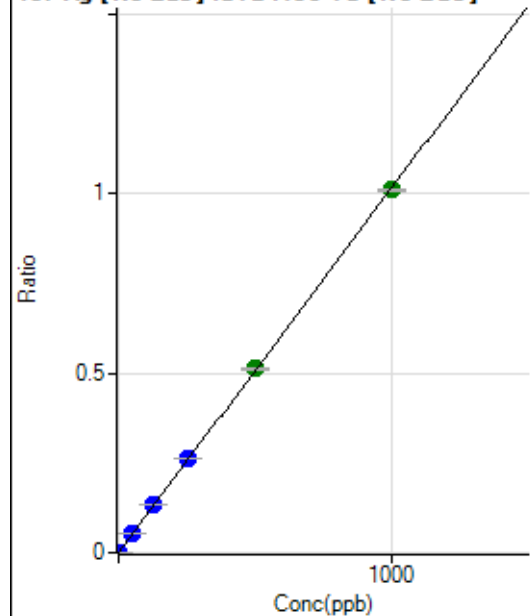
R = 0.9999

DL = 1.687

BEC = 12.98

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	16.66	0.0000	P	85.7
2	☐	0.100	0.088	433.35	0.0001	P	7.1
3	☐	1.000	0.810	3903.45	0.0008	P	5.0
4	☐	50.000	51.795	249803.17	0.0525	P	0.9
5	☐	125.000	130.152	627636.67	0.1319	P	1.1
6	☐	250.000	257.124	1265226.23	0.2607	P	0.2
7	☐	500.000	504.328	2468720.30	0.5113	A	1.3
8	☐	1000.000	995.321	4975166.04	1.0090	A	0.6
9	☐			580.59	0.0001	P	7.0
10	☐						

$$y = 0.0010 * x + 3.5633E-006$$

R = 0.9999

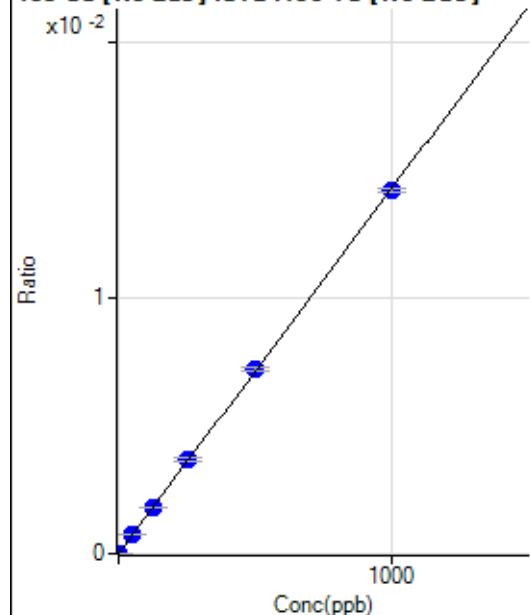
DL = 0.009036

BEC = 0.003515

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	22.22	0.0000	P	10.8
2	☐	0.100	0.000	22.22	0.0000	P	39.6
3	☐	1.000	0.671	68.06	0.0000	P	34.0
4	☐	50.000	50.541	3451.87	0.0007	P	2.8
5	☐	125.000	125.569	8541.64	0.0018	P	1.2
6	☐	250.000	257.382	17839.43	0.0037	P	2.6
7	☐	500.000	507.237	34955.36	0.0072	P	1.7
8	☐	1000.000	994.438	69956.65	0.0142	P	1.1
9	☐			27.78	0.0000	P	53.8
10	☐						

$$y = 1.4263\text{E-}005 * x + 4.7768\text{E-}006$$

R = 0.9999

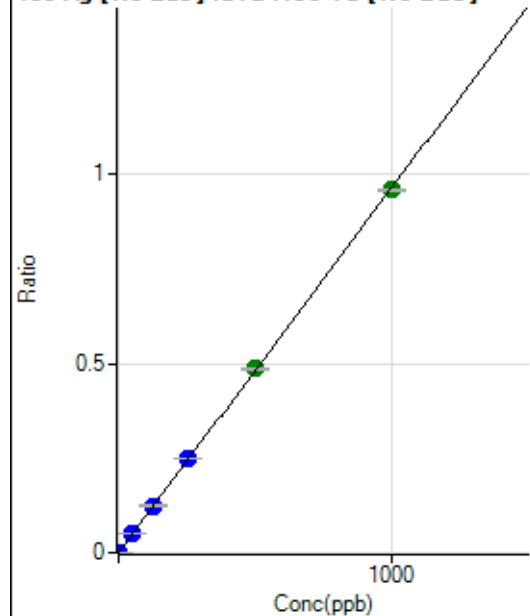
DL = 0.109

BEC = 0.3349

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	11.11	0.0000	P	44.4
2	☐	0.100	0.084	388.90	0.0001	P	6.1
3	☐	1.000	0.763	3486.66	0.0007	P	4.4
4	☐	50.000	51.681	236745.72	0.0498	P	1.5
5	☐	125.000	129.152	591614.93	0.1244	P	0.5
6	☐	250.000	257.124	1201786.43	0.2476	P	0.7
7	☐	500.000	504.779	2347205.98	0.4861	A	0.9
8	☐	1000.000	995.227	4725495.81	0.9584	A	0.2
9	☐			458.36	0.0001	P	27.6
10	☐						

$$y = 9.6297\text{E-}004 * x + 2.3951\text{E-}006$$

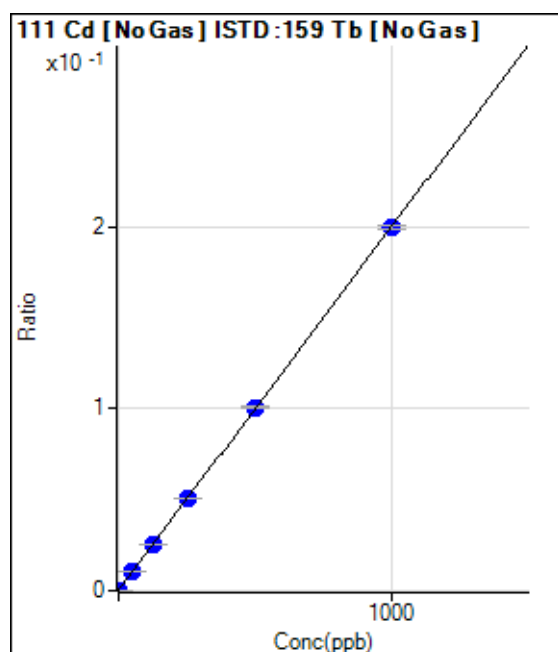
R = 1.0000

DL = 0.003314

BEC = 0.002487

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	911.73	0.0002	P	4.9
2	☐	0.100	0.013	925.62	0.0002	P	5.9
3	☐	1.000	0.943	1817.75	0.0004	P	4.8
4	☐	50.000	50.678	49034.79	0.0103	P	1.7
5	☐	125.000	128.467	122864.32	0.0258	P	0.1
6	☐	250.000	252.834	245820.15	0.0506	P	1.3
7	☐	500.000	503.629	486230.41	0.1007	P	0.3
8	☐	1000.000	997.010	981854.37	0.1991	P	0.9
9	☐			1095.36	0.0002	P	6.5
10	☐						

$$y = 1.9954\text{E-}004 * x + 1.9604\text{E-}004$$

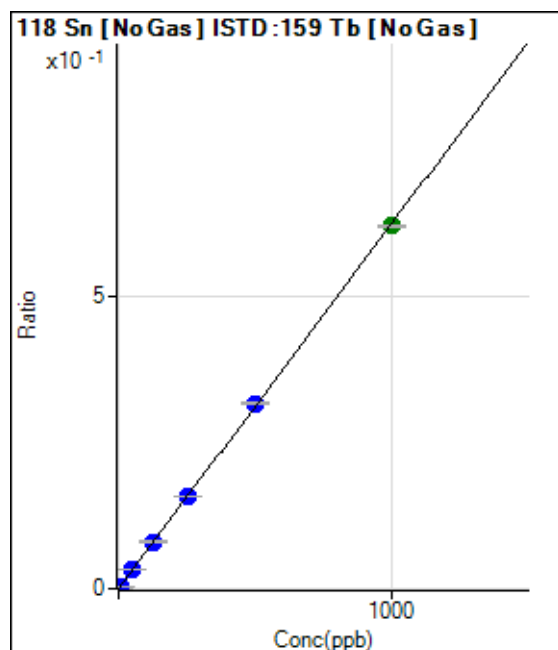
R = 1.0000

DL = 0.1452

BEC = 0.9825

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0001	P	9.8
2	☐	0.500	0.480	1675.15	0.0004	P	8.1
3	☐	5.000	5.105	15384.10	0.0032	P	2.5
4	☐	50.000	50.669	150935.95	0.0317	P	0.2
5	☐	125.000	128.532	382399.87	0.0804	P	0.9
6	☐	250.000	252.686	766888.81	0.1580	P	0.6
7	☐	500.000	508.400	1534762.58	0.3178	P	0.5
8	☐	1000.000	994.653	3065681.88	0.6217	A	0.6
9	☐			1386.22	0.0003	P	9.0
10	☐						

$$y = 6.2503\text{E-}004 * x + 5.9144\text{E-}005$$

R = 0.9999

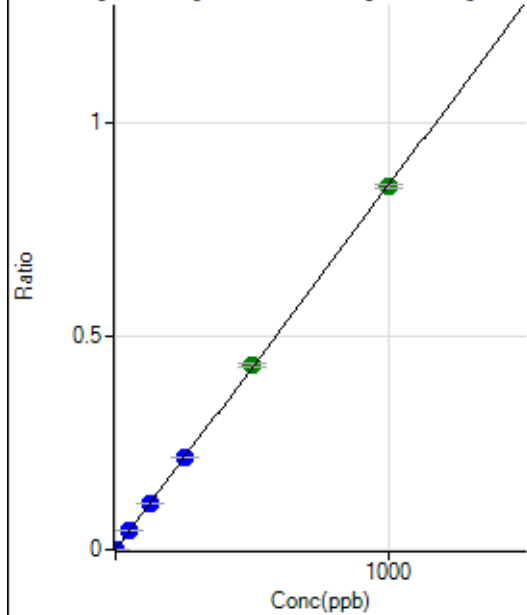
DL = 0.02769

BEC = 0.09463

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	2.78	0.0000	P	173.
2	☐	0.200	0.204	813.93	0.0002	P	17.7
3	☐	2.000	1.994	8058.16	0.0017	P	5.8
4	☐	50.000	51.021	207224.57	0.0436	P	1.8
5	☐	125.000	127.825	519136.62	0.1091	P	0.2
6	☐	250.000	254.560	1054929.18	0.2173	P	0.5
7	☐	500.000	505.929	2085755.34	0.4320	A	1.3
8	☐	1000.000	995.491	4190877.78	0.8500	A	0.9
9	☐			2614.21	0.0006	P	11.5
10	☐						

$$y = 8.5381\text{E-}004 * x + 6.0352\text{E-}007$$

R = 1.0000

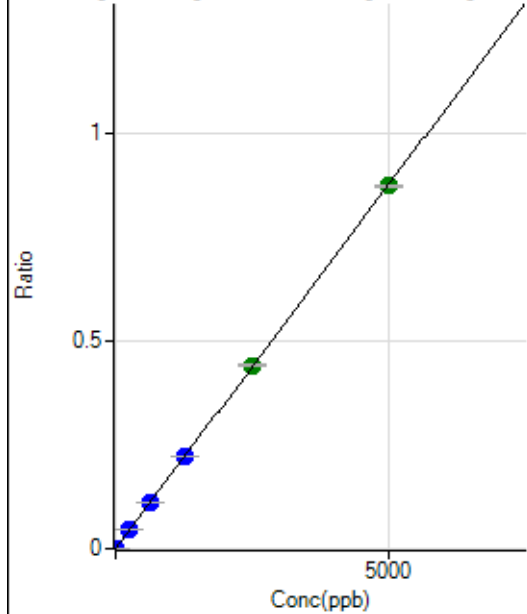
DL = 0.003673

BEC = 0.0007069

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	1.1
2	☐	1.000	0.978	905.61	0.0002	P	7.6
3	☐	10.000	9.789	8213.80	0.0017	P	4.6
4	☐	250.000	252.867	210461.95	0.0442	P	0.6
5	☐	625.000	629.944	524085.02	0.1102	P	0.6
6	☐	1250.000	1263.826	1072795.72	0.2210	P	0.4
7	☐	2500.000	2520.414	2128271.58	0.4408	A	1.2
8	☐	5000.000	4985.575	4298817.59	0.8718	A	0.3
9	☐			705.60	0.0002	P	10.9
10	☐						

$$y = 1.7487\text{E-}004 * x + 2.3291\text{E-}005$$

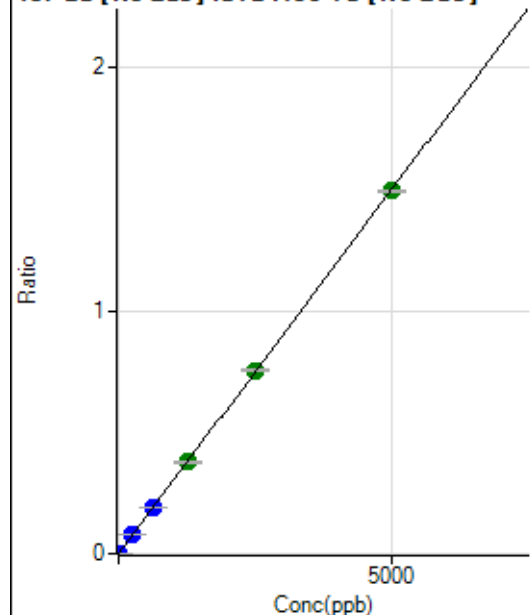
R = 1.0000

DL = 0.004328

BEC = 0.1332

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0000	P	31.2
2	☐	1.000	0.935	1502.91	0.0003	P	5.5
3	☐	10.000	9.905	14238.36	0.0030	P	1.4
4	☐	250.000	252.704	360170.20	0.0757	P	1.0
5	☐	625.000	639.909	911645.74	0.1917	P	0.8
6	☐	1250.000	1256.115	1825882.66	0.3762	A	0.5
7	☐	2500.000	2521.525	3646018.18	0.7551	A	1.2
8	☐	5000.000	4985.710	7361247.04	1.4930	A	0.9
9	☐			1163.97	0.0003	P	18.1
10	☐						

$$y = 2.9944\text{E-}004 * x + 4.2305\text{E-}005$$

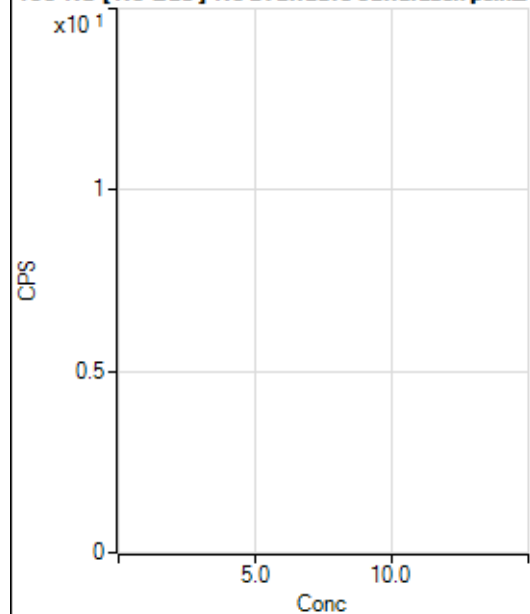
R = 1.0000

DL = 0.1323

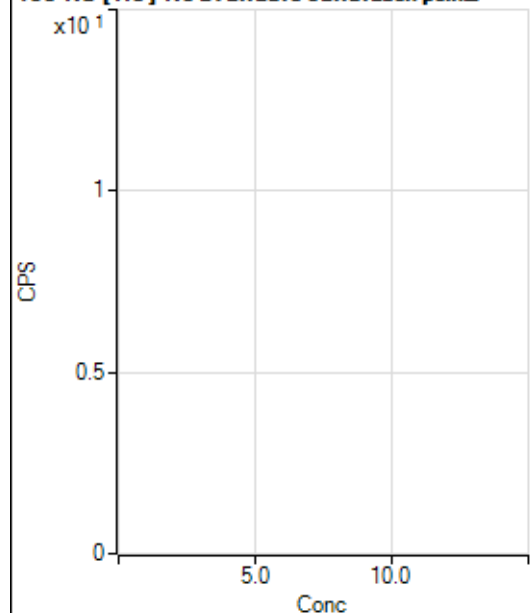
BEC = 0.1413

Weight: <None>

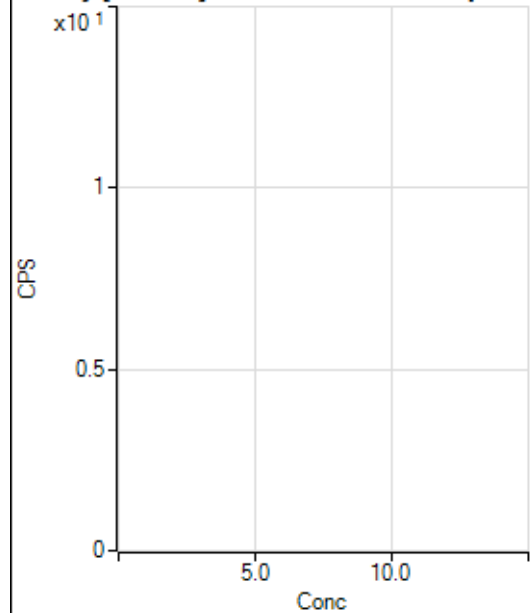
Min Conc: 0

150 Nd [No Gas] No available calibration points

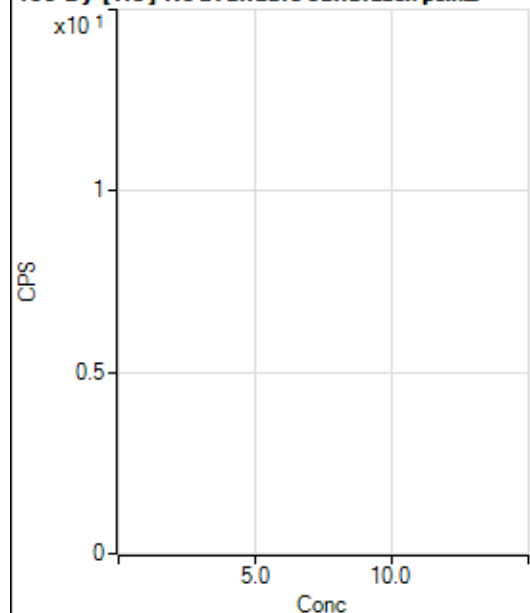
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			4.44		P	173.
3	☐			4.44		P	173.
4	☐			11.11		P	69.3
5	☐			31.11		P	24.7
6	☐			42.22		P	24.1
7	☐			77.78		P	34.6
8	☐			133.34		P	15.0
9	☐			44.44		P	48.2
10	☐						

150 Nd [He] No available calibration points

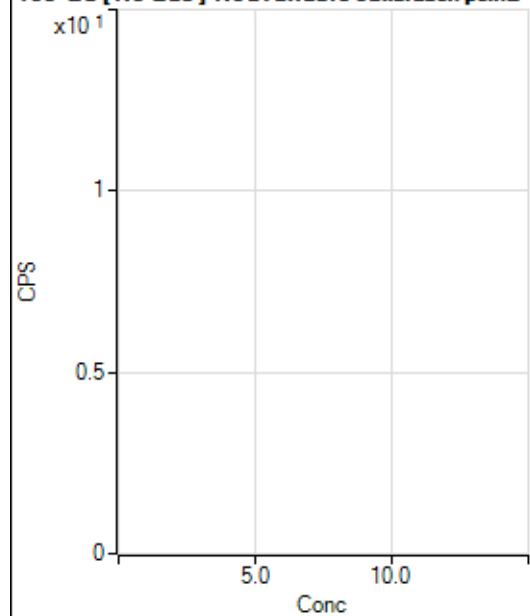
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			4.44		P	43.4
5	☐			5.56		P	91.6
6	☐			4.45		P	86.6
7	☐			8.89		P	21.6
8	☐			12.22		P	41.7
9	☐			13.33		P	50.0
10	☐						

156 Dy [No Gas] No available calibration points

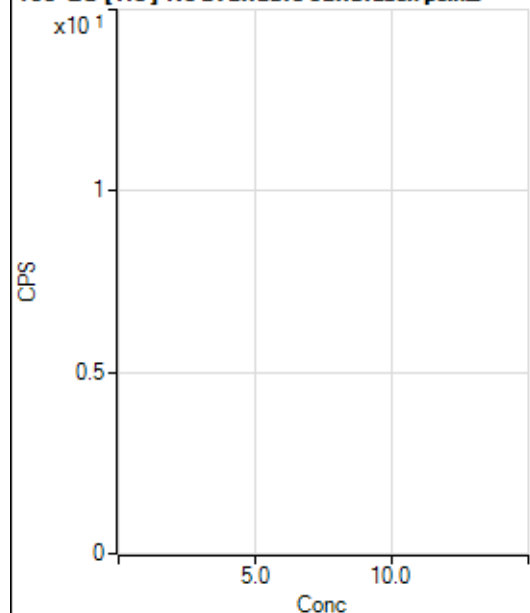
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			8.33		P	100.
3	☐			25.00		P	66.7
4	☐			19.44		P	65.5
5	☐			19.45		P	24.7
6	☐			25.00		P	88.2
7	☐			47.23		P	20.4
8	☐			38.89		P	12.4
9	☐			22.22		P	108.
10	☐						

156 Dy [He] No available calibration points

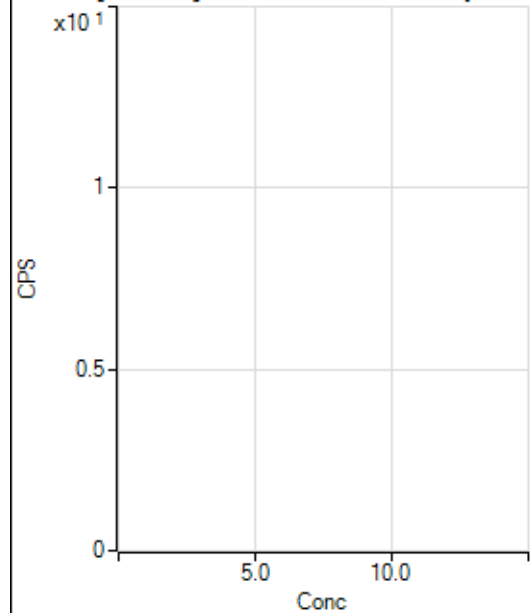
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	100.
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			12.22		P	83.3
6	☐			6.67		P	0.0
7	☐			7.78		P	24.7
8	☐			21.11		P	18.2
9	☐			7.78		P	65.5
10	☐						

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

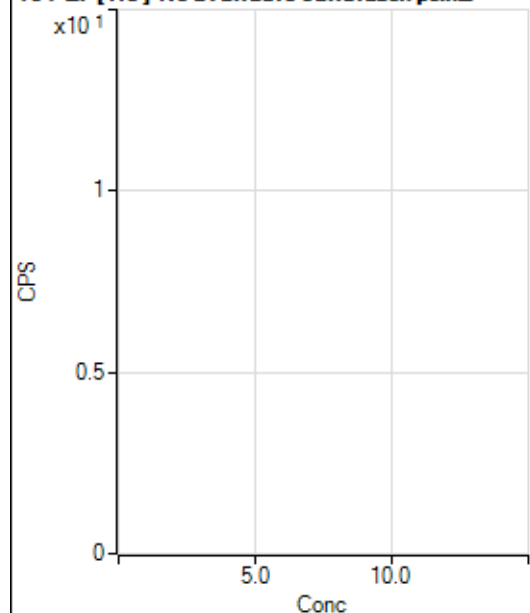
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	48.3
2	☐			33.33		P	25.0
3	☐			44.44		P	28.6
4	☐			30.56		P	78.7
5	☐			52.78		P	48.2
6	☐			63.89		P	41.9
7	☐			50.00		P	33.3
8	☐			105.56		P	44.9
9	☐			58.33		P	28.6
10	☐						

160 Gd [He] No available calibration points

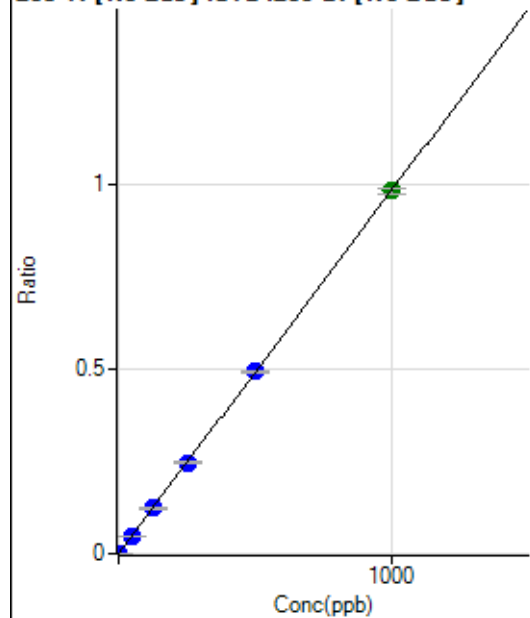
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	33.4
2	☐			31.11		P	16.4
3	☐			31.11		P	12.4
4	☐			25.56		P	71.8
5	☐			20.00		P	16.7
6	☐			13.33		P	50.0
7	☐			31.11		P	22.3
8	☐			35.56		P	46.2
9	☐			31.11		P	32.7
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			16.67		P	50.0
3	☐			25.00		P	0.0
4	☐			19.45		P	24.7
5	☐			16.67		P	86.6
6	☐			19.45		P	24.7
7	☐			30.56		P	41.7
8	☐			16.67		P	NaN
9	☐			36.11		P	53.3
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			8.89		P	94.4
3	☐			11.11		P	34.6
4	☐			13.33		P	25.0
5	☐			14.44		P	58.1
6	☐			16.66		P	34.6
7	☐			15.56		P	65.5
8	☐			12.22		P	68.7
9	☐			15.56		P	12.4
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0001	P	37.6
2	☐	0.100	0.080	333.35	0.0001	P	1.1
3	☐	1.000	1.020	2703.16	0.0011	P	5.3
4	☐	50.000	49.784	125836.46	0.0491	P	1.4
5	☐	125.000	125.100	319429.84	0.1233	P	1.6
6	☐	250.000	251.420	642148.47	0.2478	P	1.5
7	☐	500.000	500.935	1272832.41	0.4937	P	1.6
8	☐	1000.000	999.176	2582711.15	0.9847	A	1.9
9	☐			655.59	0.0003	P	19.1
10	☐						

$$y = 9.8547E-004 * x + 5.3082E-005$$

R = 1.0000

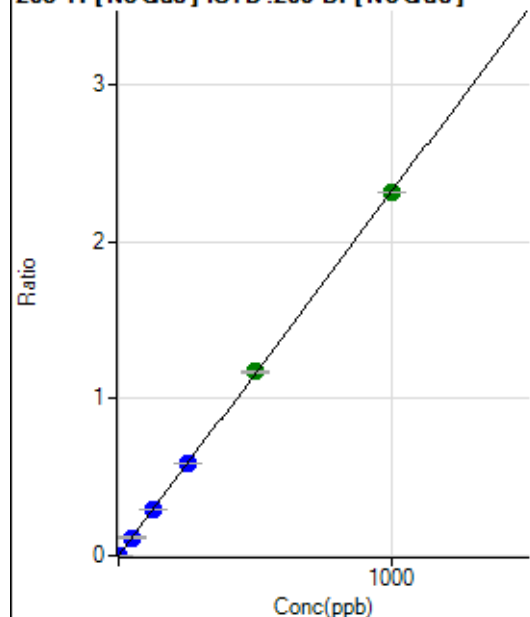
DL = 0.06078

BEC = 0.05386

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	388.90	0.0002	P	4.7
2	☐	0.100	0.083	875.05	0.0003	P	7.2
3	☐	1.000	0.897	5701.42	0.0022	P	3.9
4	☐	50.000	50.102	297752.88	0.1162	P	0.7
5	☐	125.000	125.923	755879.70	0.2918	P	1.1
6	☐	250.000	253.136	1519869.53	0.5865	P	1.6
7	☐	500.000	504.718	3014905.80	1.1693	A	1.6
8	☐	1000.000	996.737	6056171.49	2.3090	A	0.1
9	☐			1577.93	0.0007	P	12.8
10	☐						

$$y = 0.0023 * x + 1.5498E-004$$

R = 1.0000

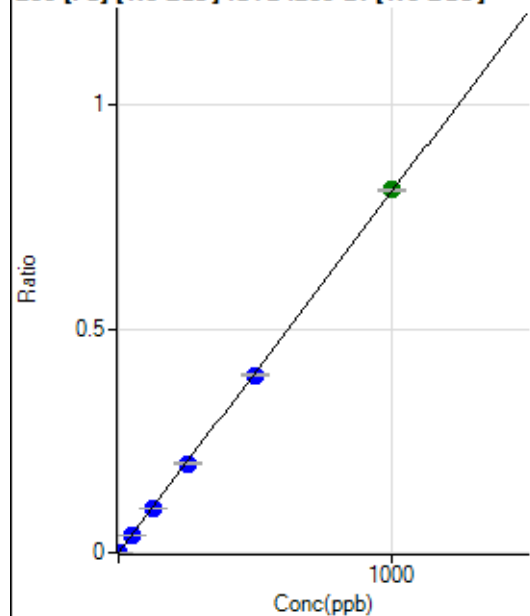
DL = 0.009376

BEC = 0.0669

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	287.05	0.0001	P	7.0
2	☐	0.100	0.079	450.02	0.0002	P	4.3
3	☐	1.000	0.955	2255.80	0.0009	P	5.9
4	☐	50.000	49.187	101751.40	0.0397	P	1.5
5	☐	125.000	121.238	253101.63	0.0977	P	1.1
6	☐	250.000	246.647	514824.22	0.1987	P	1.2
7	☐	500.000	491.290	1020101.43	0.3956	P	1.1
8	☐	1000.000	1005.704	2123975.92	0.8098	A	0.4
9	☐			8123.06	0.0035	P	4.2
10	☐	10000.000					

$$y = 8.0509E-004 * x + 1.1436E-004$$

R = 0.9999

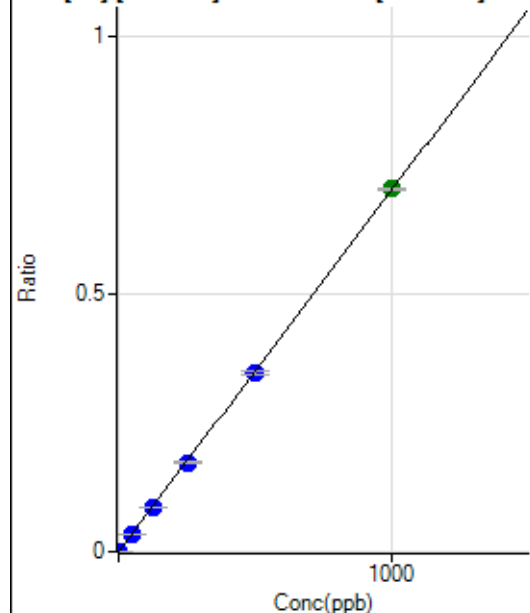
DL = 0.02968

BEC = 0.142

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	218.52	0.0001	P	26.1
2	☐	0.100	0.135	459.28	0.0002	P	9.7
3	☐	1.000	0.902	1839.05	0.0007	P	1.9
4	☐	50.000	48.822	88066.13	0.0344	P	0.1
5	☐	125.000	121.768	221705.19	0.0856	P	1.7
6	☐	250.000	247.219	450094.59	0.1737	P	0.3
7	☐	500.000	494.420	895376.80	0.3473	P	1.5
8	☐	1000.000	1003.948	1849464.32	0.7051	A	0.8
9	☐			7216.94	0.0031	P	9.6
10	☐	10000.000					

$$y = 7.0225E-004 * x + 8.7025E-005$$

R = 1.0000

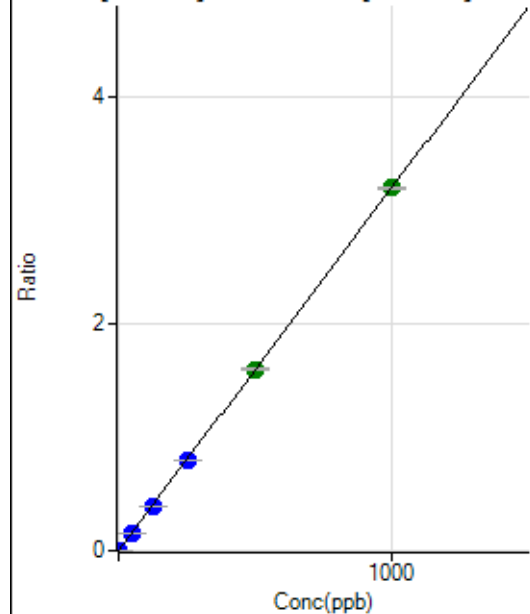
DL = 0.09699

BEC = 0.1239

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	1185.23	0.0005	P	4.2
2	☐	0.100	0.089	1916.76	0.0008	P	5.4
3	☐	1.000	0.927	8782.82	0.0034	P	0.8
4	☐	50.000	48.862	401914.20	0.1569	P	0.5
5	☐	125.000	122.359	1015591.03	0.3921	P	1.7
6	☐	250.000	247.662	2055359.26	0.7932	P	0.3
7	☐	500.000	500.176	4129095.64	1.6014	A	1.2
8	☐	1000.000	1000.884	8404015.60	3.2041	A	0.6
9	☐			32881.69	0.0141	P	5.9
10	☐	10000.000					

$$y = 0.0032 * x + 4.7224E-004$$

R = 1.0000

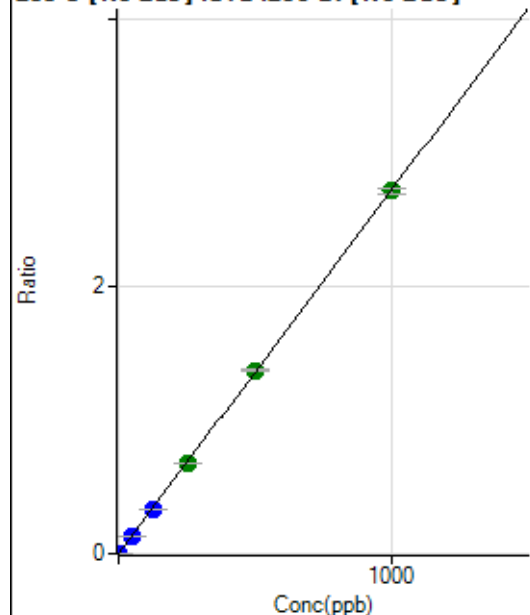
DL = 0.0187

BEC = 0.1475

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	600.03	0.0002	P	12.5
2	☐	0.100	0.093	1244.55	0.0005	P	6.4
3	☐	1.000	0.931	7068.83	0.0028	P	3.7
4	☐	50.000	48.469	337980.44	0.1319	P	0.7
5	☐	125.000	122.509	862569.79	0.3331	P	1.8
6	☐	250.000	249.634	1757881.29	0.6784	A	0.9
7	☐	500.000	505.022	3538570.96	1.3722	A	0.9
8	☐	1000.000	997.968	7110872.82	2.7114	A	1.4
9	☐			388.91	0.0002	P	28.8
10	☐						

$$y = 0.0027 * x + 2.3905E-004$$

$$R = 1.0000$$

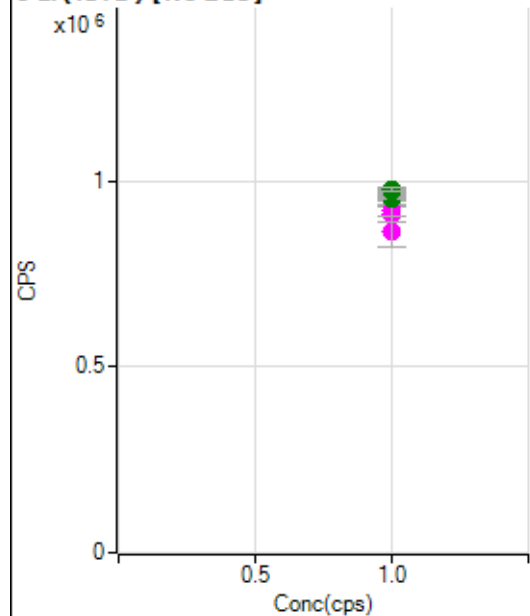
$$DL = 0.03299$$

$$BEC = 0.08799$$

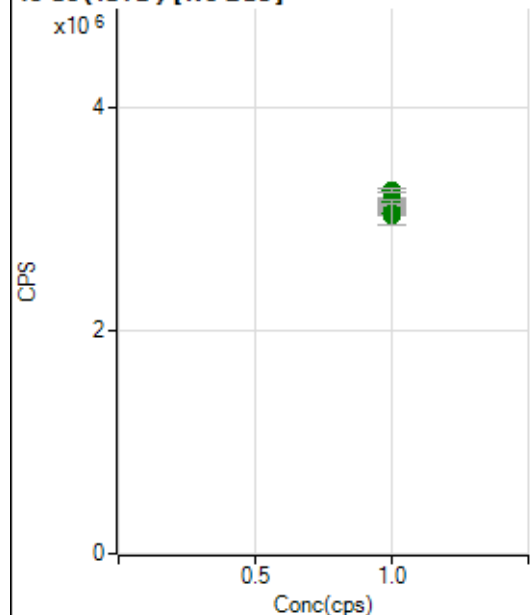
Weight: <None>

Min Conc: 0

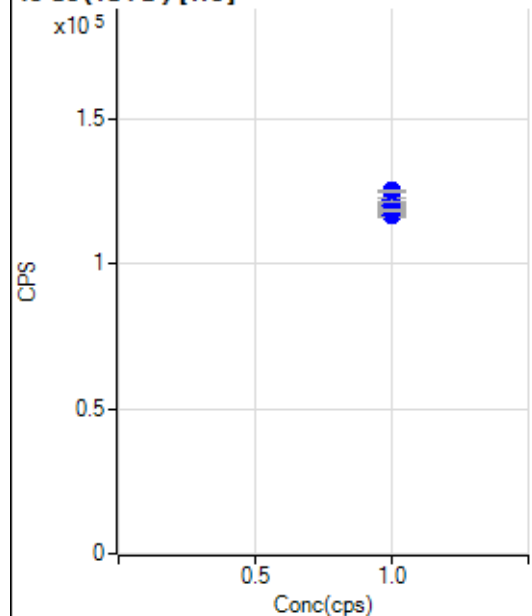
6 Li (ISTD) [No Gas]



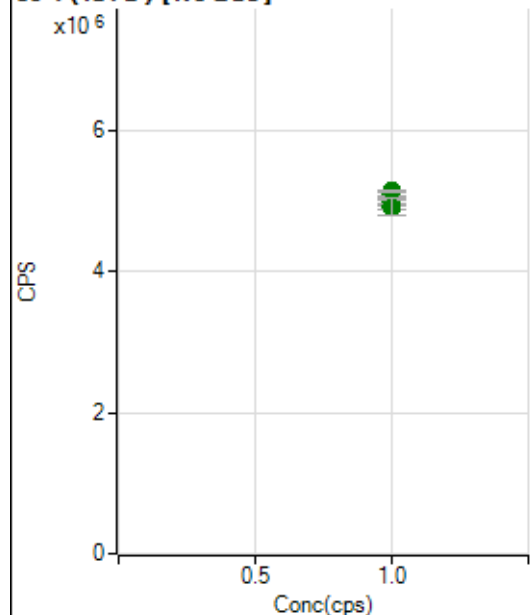
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		911737.87		M	4.6
2	☐	1.000		921168.94		M	3.6
3	☐	1.000		953256.90		A	0.9
4	☐	1.000		956609.45		A	0.7
5	☐	1.000		955741.93		A	1.9
6	☐	1.000		956202.02		A	0.8
7	☐	1.000		971846.57		A	1.0
8	☐	1.000		977173.45		A	1.1
9	☐	1.000		865315.71		M	10.0
10	☐	1.000					

45 Sc (ISTD) [No Gas]

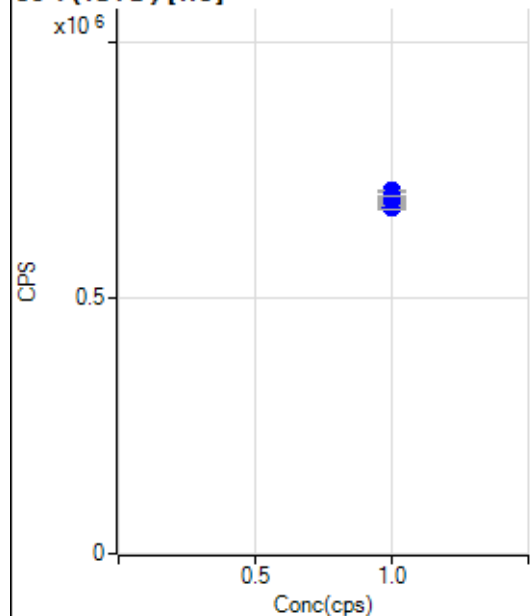
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3044045.37		A	0.7
2	☐	1.000		3052594.12		A	1.1
3	☐	1.000		3086793.53		A	0.1
4	☐	1.000		3123902.52		A	1.3
5	☐	1.000		3147023.32		A	1.2
6	☐	1.000		3187189.26		A	0.8
7	☐	1.000		3155842.52		A	1.5
8	☐	1.000		3259746.06		A	1.1
9	☐	1.000		3049992.94		A	5.9
10	☐	1.000					

45 Sc (ISTD) [He]

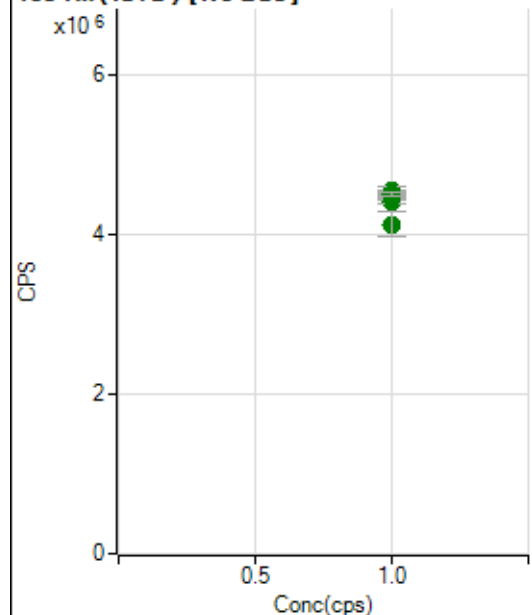
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		117214.35		P	0.7
2	☐	1.000		117312.95		P	0.8
3	☐	1.000		116406.93		P	1.0
4	☐	1.000		120407.35		P	0.8
5	☐	1.000		120130.55		P	1.5
6	☐	1.000		119908.39		P	0.8
7	☐	1.000		121691.21		P	1.0
8	☐	1.000		124947.67		P	0.4
9	☐	1.000		118120.60		P	0.7
10	☐	1.000					

89 Y (ISTD) [No Gas]

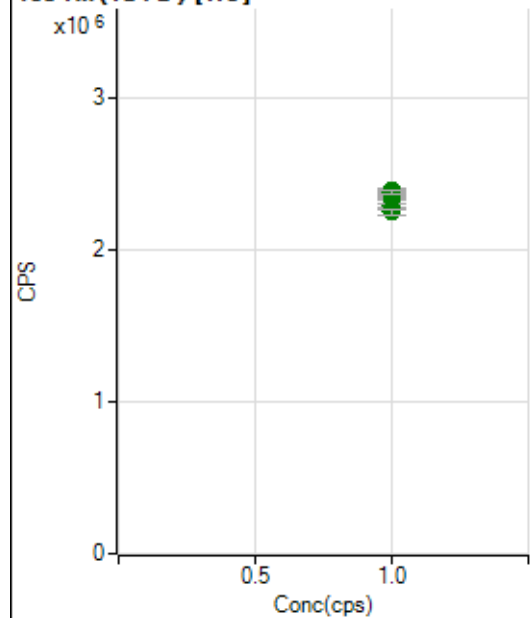
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4918736.77		A	1.3
2	☐	1.000		4927414.89		A	1.2
3	☐	1.000		5047938.46		A	1.5
4	☐	1.000		5004733.02		A	1.9
5	☐	1.000		5059218.43		A	0.4
6	☐	1.000		5107583.85		A	1.0
7	☐	1.000		5049809.33		A	1.1
8	☐	1.000		5149600.20		A	0.5
9	☐	1.000		4926253.09		A	5.1
10	☐	1.000					

89 Y (ISTD) [He]

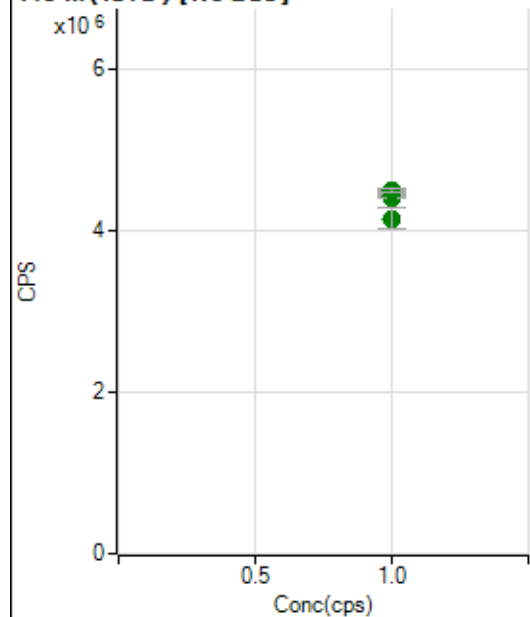
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		674999.92		P	0.7
2	☐	1.000		680857.65		P	1.0
3	☐	1.000		676317.87		P	0.9
4	☐	1.000		692210.29		P	0.7
5	☐	1.000		692386.82		P	0.4
6	☐	1.000		693866.08		P	0.3
7	☐	1.000		693577.98		P	0.3
8	☐	1.000		709196.71		P	0.4
9	☐	1.000		700135.56		P	0.3
10	☐	1.000					

103 Rh (ISTD) [No Gas]

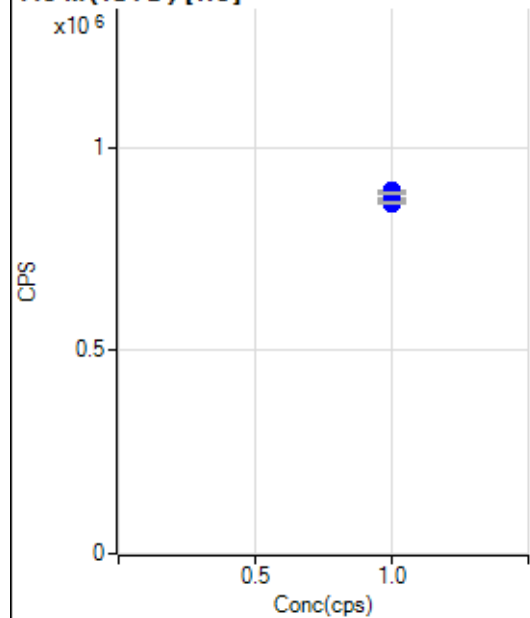
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4412356.35		A	1.3
2	☐	1.000		4485338.17		A	0.6
3	☐	1.000		4457518.59		A	0.9
4	☐	1.000		4476409.74		A	1.1
5	☐	1.000		4554974.63		A	2.1
6	☐	1.000		4524063.99		A	2.0
7	☐	1.000		4500996.98		A	0.9
8	☐	1.000		4506715.64		A	1.0
9	☐	1.000		4139856.99		A	7.6
10	☐	1.000					

103 Rh (ISTD) [He]

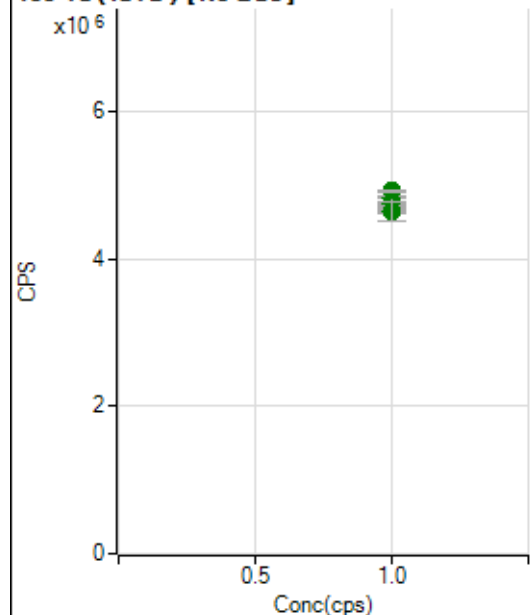
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2293082.97		A	0.9
2	☐	1.000		2364554.48		A	2.1
3	☐	1.000		2344571.41		A	1.4
4	☐	1.000		2390687.39		A	1.7
5	☐	1.000		2381863.90		A	2.4
6	☐	1.000		2361145.85		A	0.9
7	☐	1.000		2367858.96		A	1.0
8	☐	1.000		2386516.75		A	1.1
9	☐	1.000		2253321.13		A	1.6
10	☐	1.000					

115 In (ISTD) [No Gas]

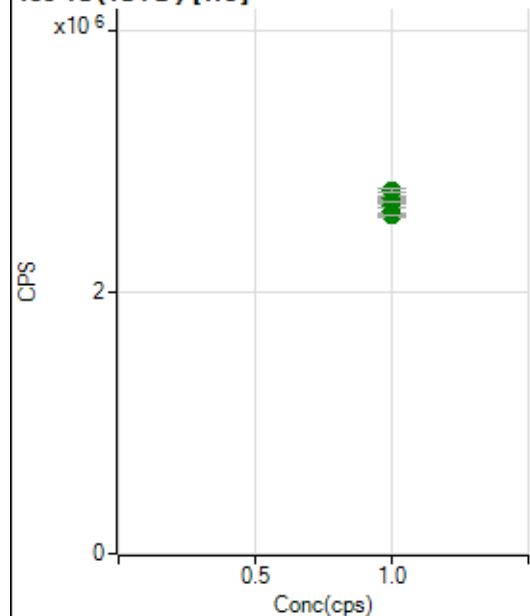
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4462911.00		A	1.2
2	☐	1.000		4436526.41		A	0.5
3	☐	1.000		4408794.06		A	0.8
4	☐	1.000		4451038.98		A	2.2
5	☐	1.000		4419316.43		A	0.1
6	☐	1.000		4480107.62		A	1.5
7	☐	1.000		4430039.91		A	1.5
8	☐	1.000		4488817.16		A	1.0
9	☐	1.000		4150374.30		A	5.9
10	☐	1.000					

115 In (ISTD) [He]

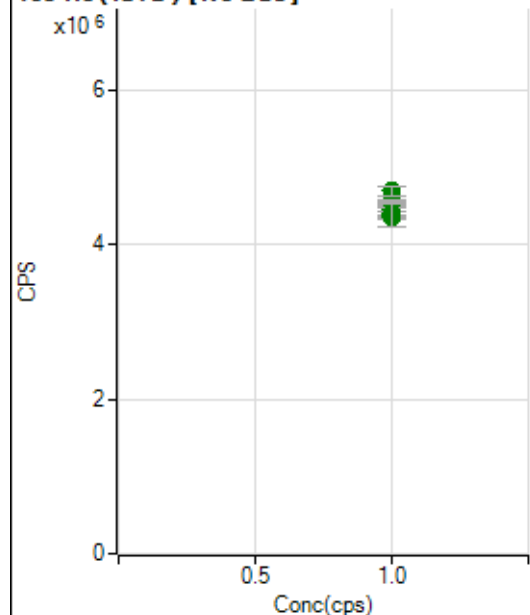
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		865483.64		P	1.0
2	☐	1.000		869766.56		P	1.4
3	☐	1.000		871611.54		P	0.5
4	☐	1.000		890456.71		P	0.3
5	☐	1.000		887369.36		P	0.3
6	☐	1.000		892333.93		P	0.1
7	☐	1.000		886462.95		P	0.2
8	☐	1.000		887851.65		P	0.4
9	☐	1.000		863032.42		P	0.3
10	☐	1.000					

159 Tb (ISTD) [No Gas]

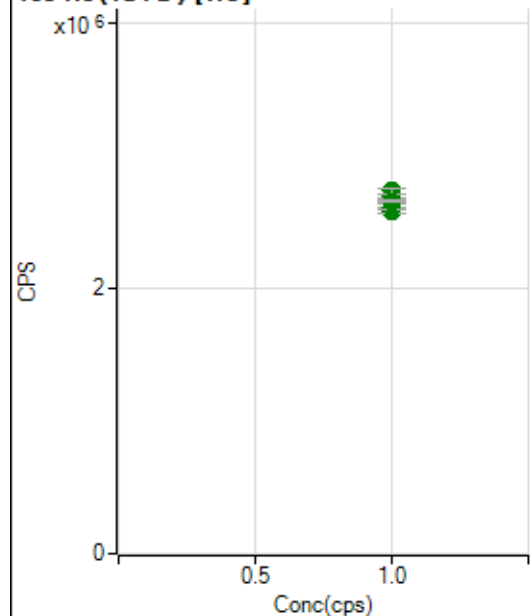
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4651849.23		A	1.1
2	☐	1.000		4660984.72		A	0.7
3	☐	1.000		4733306.81		A	1.1
4	☐	1.000		4757188.44		A	0.8
5	☐	1.000		4756692.67		A	0.8
6	☐	1.000		4853779.17		A	0.8
7	☐	1.000		4829196.18		A	1.6
8	☐	1.000		4930774.79		A	0.8
9	☐	1.000		4651885.49		A	6.2
10	☐	1.000					

159 Tb (ISTD) [He]

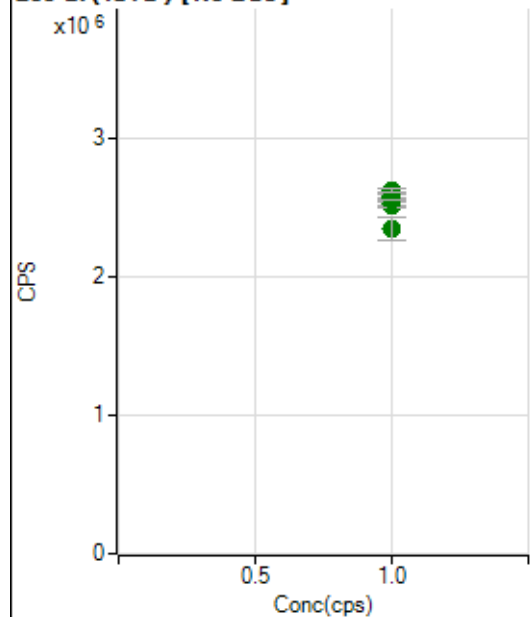
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2598447.06		A	1.0
2	☐	1.000		2619846.21		A	1.9
3	☐	1.000		2664737.05		A	0.7
4	☐	1.000		2710430.69		A	0.8
5	☐	1.000		2719688.64		A	1.1
6	☐	1.000		2724780.00		A	0.2
7	☐	1.000		2728247.11		A	1.2
8	☐	1.000		2779616.11		A	1.1
9	☐	1.000		2700929.47		A	0.1
10	☐	1.000					

165 Ho (ISTD) [No Gas]

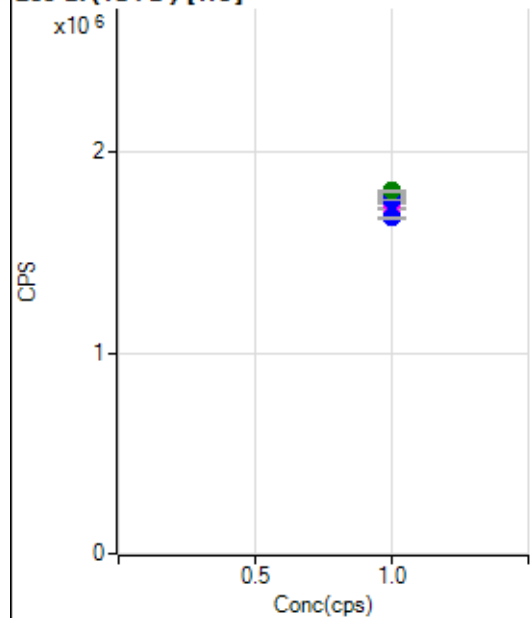
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4392516.16		A	1.9
2	☐	1.000		4352068.80		A	1.4
3	☐	1.000		4447508.52		A	0.9
4	☐	1.000		4506455.74		A	0.8
5	☐	1.000		4513375.06		A	1.5
6	☐	1.000		4548267.55		A	0.4
7	☐	1.000		4558574.23		A	0.8
8	☐	1.000		4687934.39		A	2.8
9	☐	1.000		4373164.99		A	7.1
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2588529.51		A	1.9
2	☐	1.000		2583382.84		A	1.0
3	☐	1.000		2614708.57		A	1.2
4	☐	1.000		2653655.38		A	0.8
5	☐	1.000		2678207.46		A	0.6
6	☐	1.000		2698658.33		A	1.1
7	☐	1.000		2671835.97		A	0.6
8	☐	1.000		2733695.55		A	1.3
9	☐	1.000		2658158.76		A	0.5
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2509588.19		A	0.4
2	☐	1.000		2526254.72		A	1.5
3	☐	1.000		2553322.27		A	0.3
4	☐	1.000		2562127.77		A	0.1
5	☐	1.000		2590311.32		A	1.7
6	☐	1.000		2591337.44		A	1.1
7	☐	1.000		2578635.38		A	2.0
8	☐	1.000		2622822.77		A	1.0
9	☐	1.000		2344140.73		A	7.0
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1714567.74		P	0.3
2	☐	1.000		1721479.00		M	0.7
3	☐	1.000		1746608.53		M	0.8
4	☐	1.000		1778544.33		A	1.2
5	☐	1.000		1775217.54		M	0.7
6	☐	1.000		1773642.91		M	0.7
7	☐	1.000		1763915.29		P	0.2
8	☐	1.000		1806320.88		A	0.7
9	☐	1.000		1674660.38		P	0.5
10	☐	1.000					