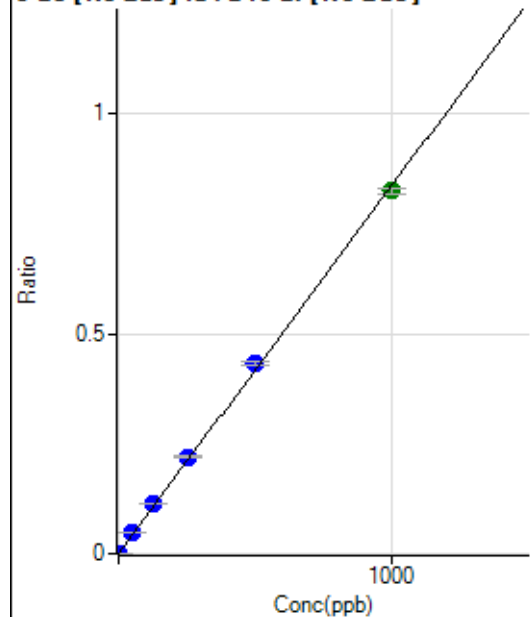


Calibration for 149SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7081624 MS.b\
 Analysis File: P7081624 MS.batch.bin
 DA Date-Time: 2024-08-17 10:04:17
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-08-16 12:43:04
2	005CALS.d	S02	2024-08-16 12:46:21
3	006CALS.d	S03	2024-08-16 12:49:40
4	007CALS.d	S04	2024-08-16 12:52:43
5	008CALS.d	S05	2024-08-16 12:55:37
6	009CALS.d	S06	2024-08-16 12:58:25
7	010CALS.d	S07	2024-08-16 13:01:12
8	011CALS.d	S08	2024-08-16 13:03:58

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0000	P	36.8
2	☐	1.000	1.024	1570.10	0.0009	P	1.2
3	☐	50.000	55.896	85837.30	0.0467	P	1.9
4	☐	125.000	135.716	216129.57	0.1134	P	1.9
5	☐	250.000	263.905	440702.62	0.2206	P	1.5
6	☐	500.000	516.735	870057.62	0.4319	P	2.0
7	☐	1000.000	986.522	1633276.99	0.8245	A	1.6
8	☐			227.78	0.0001	P	22.9

$$y = 8.3571E-004 * x + 1.6285E-005$$

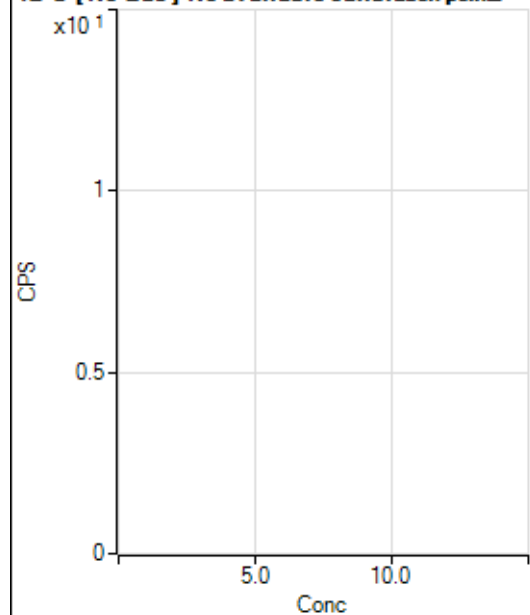
$$R = 0.9997$$

$$DL = 0.02152$$

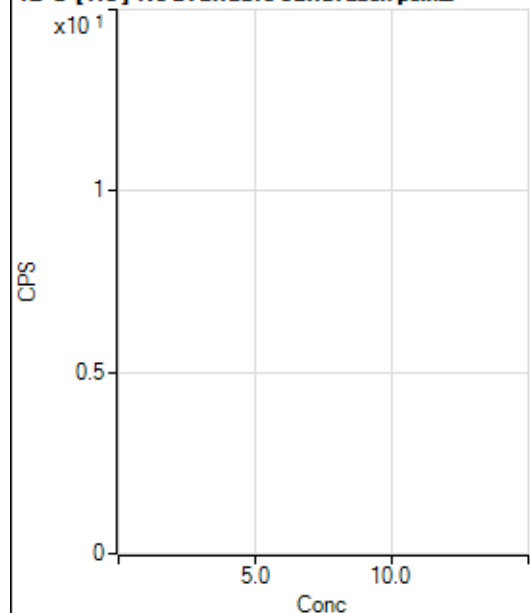
$$BEC = 0.01949$$

Weight: <None>

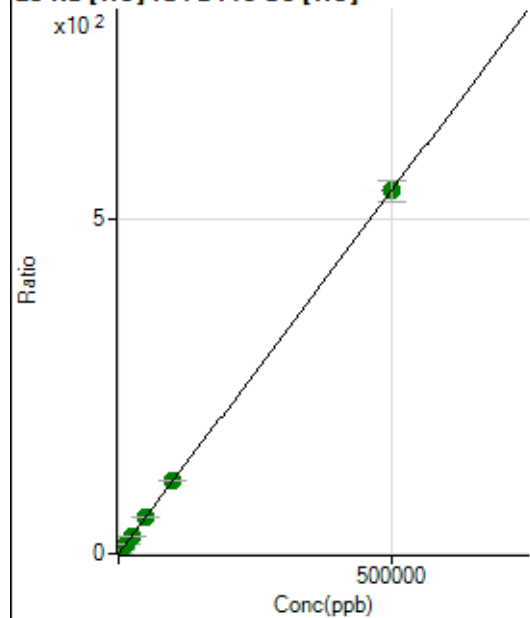
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22091.51	0.0405	P	1.3
2	☐	500.000	483.834	310929.80	0.5655	P	1.0
3	☐	5000.000	5057.226	2944319.37	5.5285	A	0.7
4	☐	12500.000	12427.801	7033843.09	13.5268	A	0.4
5	☐	25000.000	25027.683	13622273.55	27.1999	A	0.6
6	☐	50000.000	50463.936	25856649.06	54.8026	A	0.5
7	☐	100000.00	100089.46	50757149.80	108.6549	A	1.1
8	☐	500000.00	499935.57	258414113.9	542.5571	A	5.6

$$y = 0.0011 * x + 0.0405$$

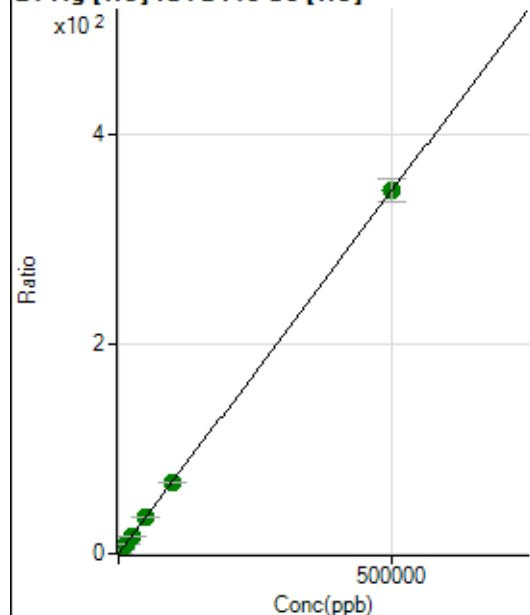
$$R = 1.0000$$

$$DL = 1.476$$

$$BEC = 37.32$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1873.46	0.0034	P	3.8
2	☐	500.000	480.302	184471.79	0.3355	P	0.2
3	☐	5000.000	5102.587	1880799.23	3.5315	A	0.5
4	☐	12500.000	12445.474	4476276.74	8.6084	A	0.6
5	☐	25000.000	24861.574	8610658.62	17.1932	A	0.4
6	☐	50000.000	50273.938	16402248.37	34.7637	A	0.6
7	☐	100000.00	98600.273	31847785.91	68.1773	A	0.8
8	☐	500000.00	500259.83	164699023.1	345.8916	A	6.4

$$y = 6.9142\text{E-}004 * x + 0.0034$$

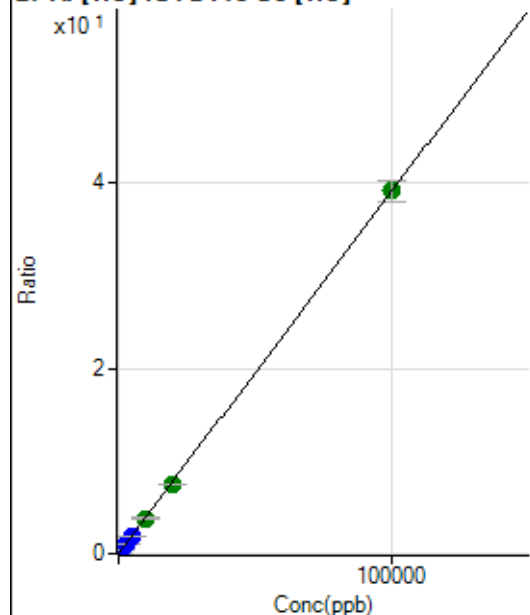
$$R = 1.0000$$

$$DL = 0.5616$$

$$BEC = 4.968$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	283.34	0.0005	P	5.7
2	☐	20.000	19.437	4465.13	0.0081	P	3.0
3	☐	1000.000	1013.771	211462.72	0.3970	P	0.5
4	☐	2500.000	2484.680	505619.33	0.9724	P	0.3
5	☐	5000.000	4953.459	970602.78	1.9380	P	0.3
6	☐	10000.000	9790.724	1807131.28	3.8301	A	0.9
7	☐	20000.000	19163.299	3501750.57	7.4961	A	0.2
8	☐	100000.00	100190.84	18661902.50	39.1894	A	6.1

$$y = 3.9114\text{E-}004 * x + 5.1936\text{E-}004$$

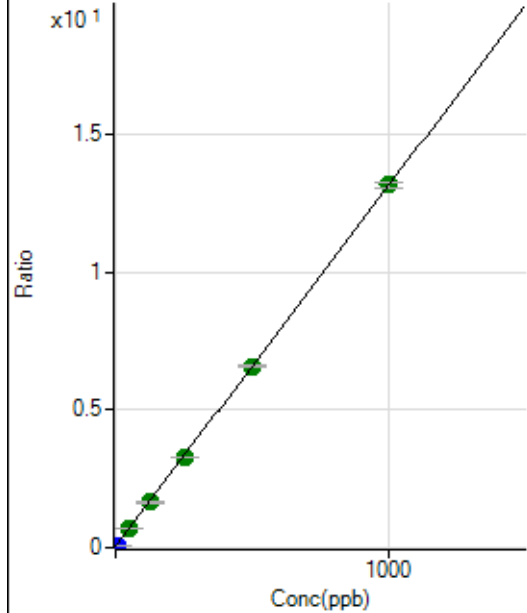
$$R = 1.0000$$

$$DL = 0.228$$

$$BEC = 1.328$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	320169.80	0.0473	P	1.5
2	☐	10.000	0.207	341225.44	0.0500	P	1.5
3	☐	50.000	48.727	4662773.61	0.6862	A	3.0
4	☐	125.000	122.027	11156506.08	1.6474	A	1.1
5	☐	250.000	245.960	21615264.95	3.2724	A	0.6
6	☐	500.000	499.069	42060998.82	6.5913	A	0.8
7	☐	1000.000	1002.008	81773663.22	13.1860	A	1.5
8	☐			723121.55	0.1177	P	4.3

$$y = 0.0131 * x + 0.0473$$

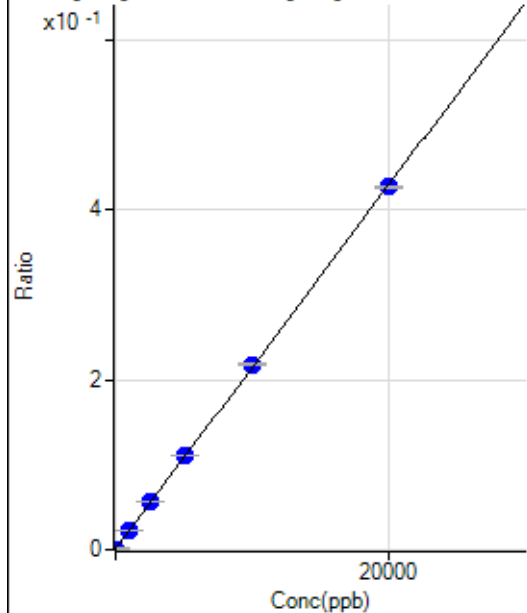
$$R = 1.0000$$

$$DL = 0.164$$

$$BEC = 3.608$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.778	210.00	0.0004	P	3.2
2	☐	0.000	15.778	583.35	0.0011	P	17.3
3	☐	1000.000	1048.380	12339.51	0.0232	P	1.8
4	☐	2500.000	2597.150	29291.38	0.0563	P	1.5
5	☐	5000.000	5115.231	55218.01	0.1103	P	0.5
6	☐	10000.000	10111.456	102497.89	0.2172	P	1.1
7	☐	20000.000	19900.901	199403.66	0.4269	P	0.5
8	☐			225.56	0.0005	P	15.2

$$y = 2.1413E-005 * x + 7.2289E-004$$

$$R = 1.0000$$

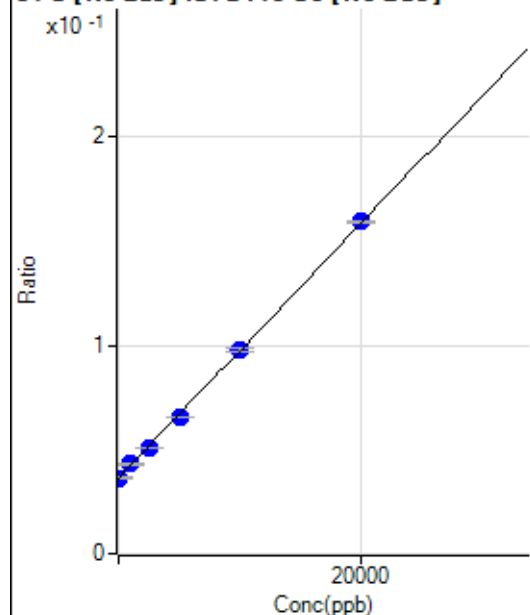
$$DL = 13.71$$

$$BEC = 33.76$$

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	-21.130	244995.24	0.0362	P	1.4
2	☐	0.000	21.130	248708.94	0.0365	P	1.7
3	☐	1000.000	1079.578	291927.89	0.0430	P	1.8
4	☐	2500.000	2380.777	345031.59	0.0509	P	0.6
5	☐	5000.000	4772.511	433444.55	0.0656	P	0.2
6	☐	10000.000	10031.394	624692.87	0.0979	P	1.2
7	☐	20000.000	20052.099	988518.48	0.1594	P	0.4
8	☐			193487.29	0.0315	P	1.9

$$y = 6.1373E-006 * x + 0.0363$$

R = 0.9999

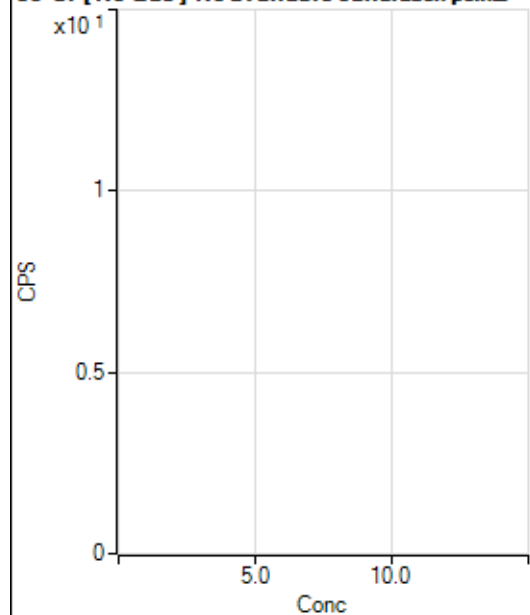
DL = 282.7

BEC = 5920

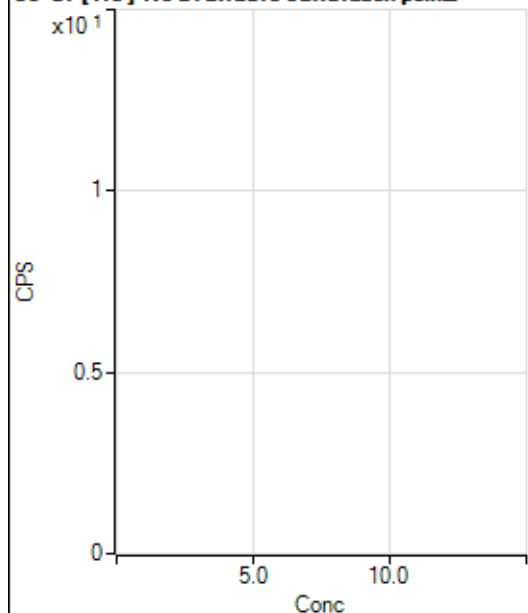
Weight: <None>

Min Conc: 0

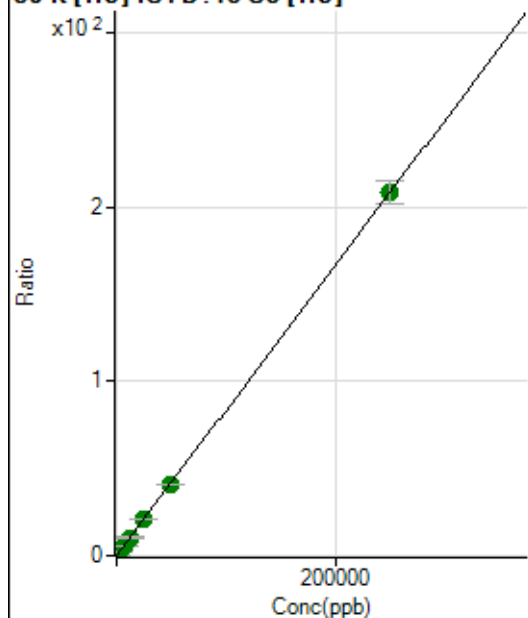
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64977.95	0.1191	P	0.3
2	☐	500.000	497.033	292931.84	0.5328	P	0.1
3	☐	2500.000	2556.722	1196701.00	2.2471	A	2.0
4	☐	6250.000	6270.338	2775599.51	5.3379	A	1.3
5	☐	12500.000	12455.461	5251444.12	10.4857	A	0.4
6	☐	25000.000	24853.090	9815684.09	20.8041	A	0.9
7	☐	50000.000	48820.534	19036627.22	40.7519	A	0.6
8	☐	250000.00	250251.74	99225892.96	208.4009	A	6.5

$$y = 8.3229\text{E-}004 * x + 0.1191$$

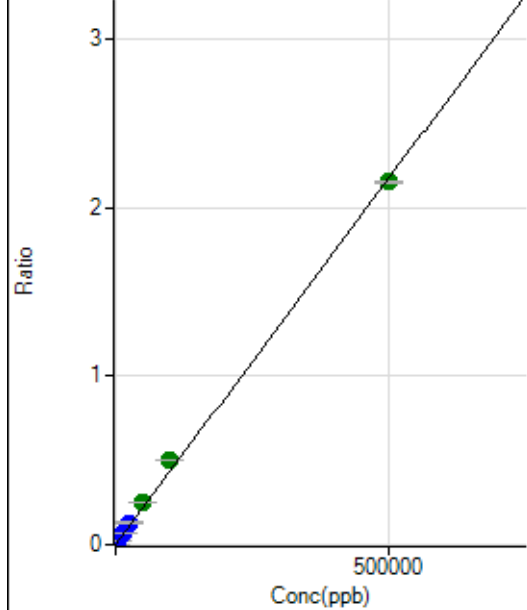
$$R = 1.0000$$

$$DL = 1.329$$

$$BEC = 143.1$$

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	1453.42	0.0002	P	5.3
2	☐	500.000	513.672	16695.91	0.0024	P	0.9
3	☐	5000.000	6191.294	184325.90	0.0271	P	1.8
4	☐	12500.000	15091.498	445635.03	0.0658	P	1.7
5	☐	25000.000	30104.375	865660.26	0.1311	P	1.0
6	☐	50000.000	58490.199	1623609.45	0.2544	A	0.4
7	☐	100000.00	115453.28	3113224.75	0.5020	A	0.3
8	☐	500000.00	495728.39	13240825.08	2.1548	A	0.3

$$y = 4.3462\text{E-}006 * x + 2.1481\text{E-}004$$

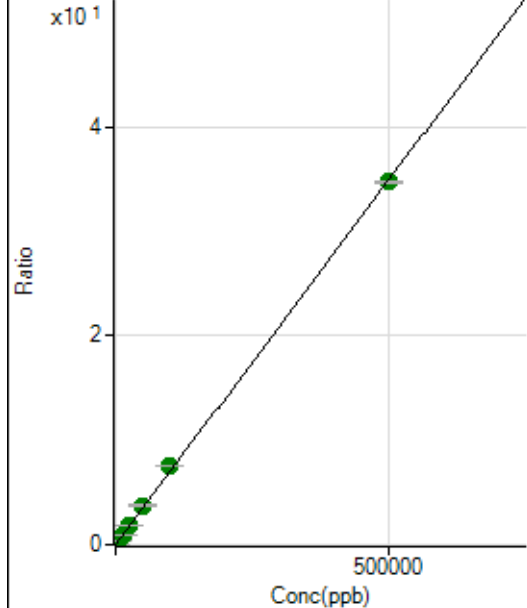
$$R = 0.9994$$

$$DL = 7.909$$

$$BEC = 49.43$$

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	38171.25	0.0056	P	0.3
2	☐	500.000	514.760	283207.17	0.0415	P	0.7
3	☐	5000.000	5600.254	2690807.01	0.3959	A	1.8
4	☐	12500.000	13537.758	6428065.39	0.9491	A	1.0
5	☐	25000.000	27192.328	12555087.04	1.9008	A	0.2
6	☐	50000.000	53976.883	24042101.31	3.7675	A	1.1
7	☐	100000.00	107620.59	46550418.75	7.5061	A	1.4
8	☐	500000.00	497936.61	213285679.0	34.7087	A	0.6

$$y = 6.9694\text{E-}005 * x + 0.0056$$

$$R = 0.9999$$

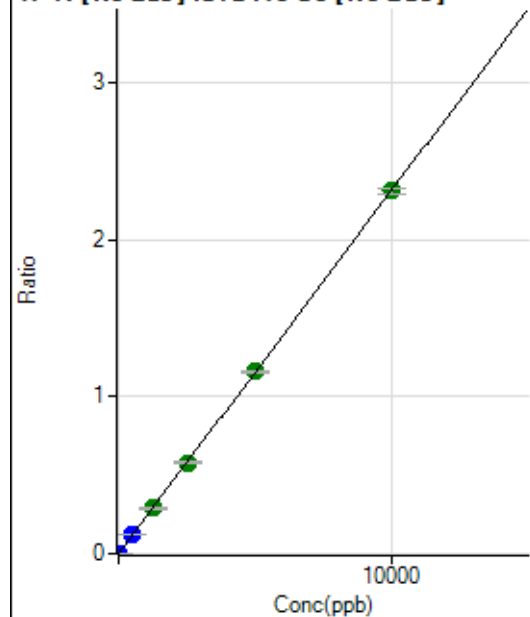
$$DL = 0.8457$$

$$BEC = 80.92$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	11.8
2	☐	5.000	4.352	7045.04	0.0010	P	1.5
3	☐	500.000	521.704	819255.52	0.1206	P	2.3
4	☐	1250.000	1246.542	1950404.64	0.2880	A	2.2
5	☐	2500.000	2514.001	3836736.85	0.5809	A	0.8
6	☐	5000.000	5012.327	7390132.74	1.1581	A	1.4
7	☐	10000.000	9989.683	14313594.93	2.3080	A	1.6
8	☐			2671.37	0.0004	P	7.2

$$y = 2.3104\text{E-}004 * x + 2.7232\text{E-}005$$

$$R = 1.0000$$

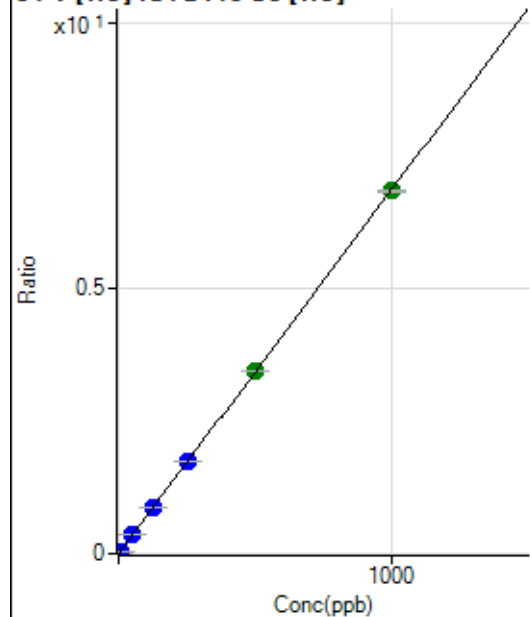
$$DL = 0.04163$$

$$BEC = 0.1179$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	28.6
2	☐	5.000	4.758	17942.97	0.0326	P	2.3
3	☐	50.000	52.191	190438.30	0.3576	P	1.4
4	☐	125.000	126.821	451789.41	0.8689	P	1.0
5	☐	250.000	255.811	877734.89	1.7526	P	0.3
6	☐	500.000	501.923	1622433.24	3.4387	A	0.5
7	☐	1000.000	997.250	3191649.95	6.8322	A	0.5
8	☐			1298.96	0.0027	P	3.4

$$y = 0.0069 * x + 3.6631\text{E-}005$$

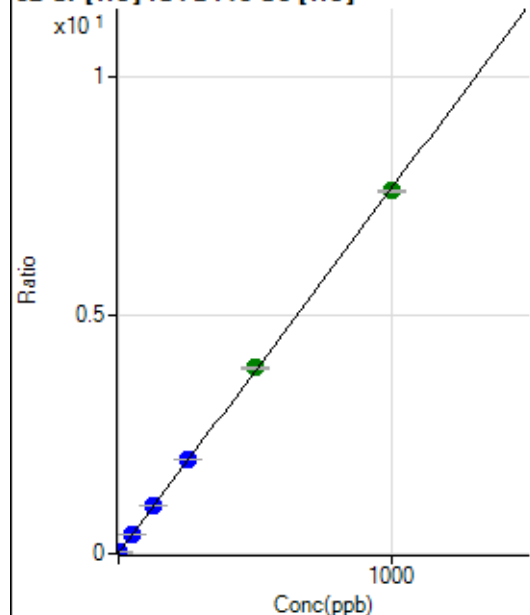
$$R = 1.0000$$

$$DL = 0.00458$$

$$BEC = 0.005347$$

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	3916.11	0.0072	P	1.1
2	☐	2.000	1.938	12116.07	0.0220	P	1.5
3	☐	50.000	52.410	217810.30	0.4090	P	0.6
4	☐	125.000	128.436	515717.85	0.9918	P	0.2
5	☐	250.000	259.238	998914.11	1.9946	P	0.4
6	☐	500.000	508.138	1841376.90	3.9027	A	0.7
7	☐	1000.000	993.071	3559770.19	7.6203	A	0.6
8	☐			33595.16	0.0706	P	6.6

$$y = 0.0077 * x + 0.0072$$

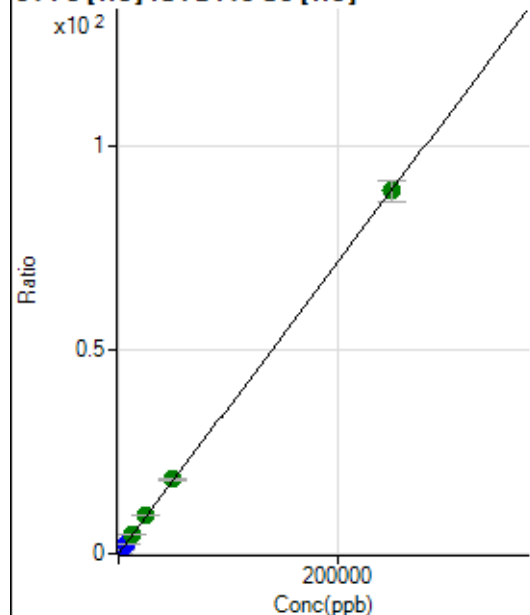
$$R = 0.9999$$

$$DL = 0.03218$$

$$BEC = 0.9365$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2484.68	0.0046	P	5.5
2	☐	50.000	52.893	12891.16	0.0234	P	1.6
3	☐	2500.000	2785.283	532240.26	0.9994	P	0.8
4	☐	6250.000	6829.900	1270816.74	2.4440	P	0.5
5	☐	12500.000	13145.646	2353760.42	4.6998	A	0.4
6	☐	25000.000	25970.555	4378676.57	9.2805	A	0.5
7	☐	50000.000	50960.545	8504503.07	18.2063	A	1.4
8	☐	250000.00	249661.20	42468214.09	89.1766	A	6.0

$$y = 3.5717E-004 * x + 0.0046$$

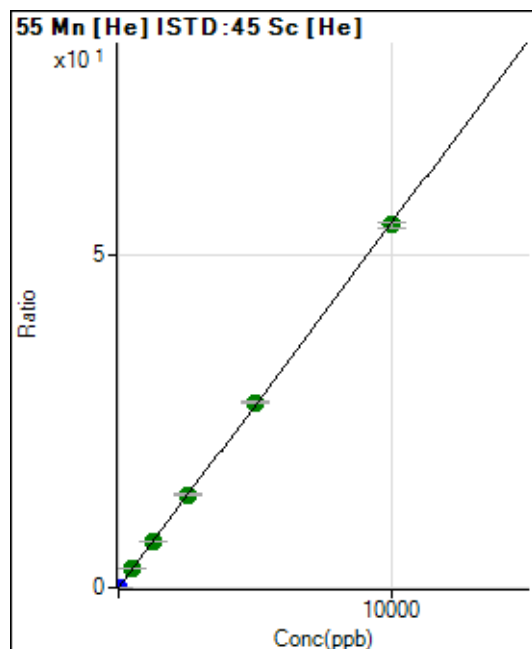
$$R = 1.0000$$

$$DL = 2.113$$

$$BEC = 12.75$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1905.70	0.0035	P	3.7
2	☐	1.000	0.960	4814.15	0.0088	P	2.6
3	☐	500.000	509.600	1489780.95	2.7974	A	2.3
4	☐	1250.000	1258.650	3590065.47	6.9040	A	0.4
5	☐	2500.000	2547.411	6996222.95	13.9697	A	0.9
6	☐	5000.000	5079.124	13140112.17	27.8498	A	0.5
7	☐	10000.000	9947.024	25475579.62	54.5380	A	1.6
8	☐			17076.44	0.0359	P	5.9

$$y = 0.0055 * x + 0.0035$$

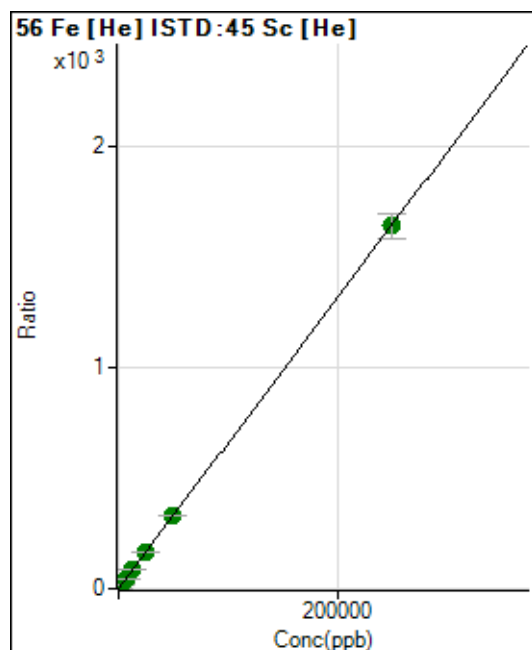
$$R = 0.9999$$

$$DL = 0.07065$$

$$BEC = 0.6373$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27373.89	0.0502	P	1.5
2	☐	50.000	51.163	211938.18	0.3855	P	1.3
3	☐	2500.000	2612.334	9143965.63	17.1697	A	1.2
4	☐	6250.000	6400.075	21834879.67	41.9922	A	0.4
5	☐	12500.000	12933.489	42473554.64	84.8080	A	0.6
6	☐	25000.000	25583.364	79127757.71	167.7072	A	0.5
7	☐	50000.000	50583.017	154874958.8	331.5389	A	0.4
8	☐	250000.00	249798.51	779394903.9	1,637.069	A	6.7

$$y = 0.0066 * x + 0.0502$$

$$R = 1.0000$$

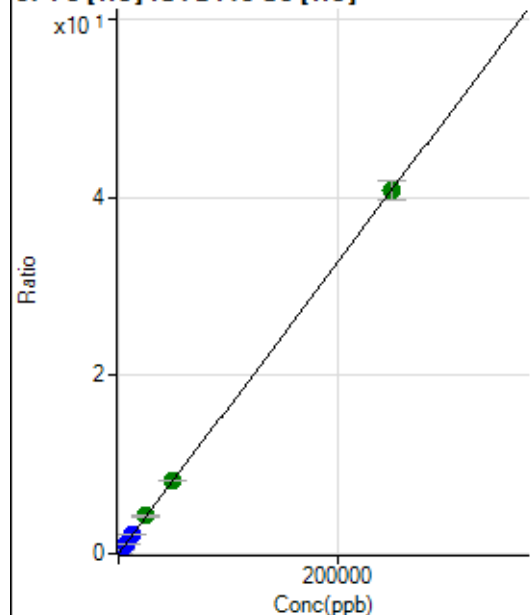
$$DL = 0.3507$$

$$BEC = 7.657$$

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	2261.30	0.0041	P	1.3
2	☐	50.000	52.324	6977.25	0.0127	P	3.5
3	☐	2500.000	2763.010	242537.86	0.4554	P	1.3
4	☐	6250.000	6747.375	575160.62	1.1062	P	1.2
5	☐	12500.000	13595.225	1114139.05	2.2246	P	0.2
6	☐	25000.000	25835.391	1992882.19	4.2238	A	1.2
7	☐	50000.000	50608.558	3863104.73	8.2700	A	1.2
8	☐	250000.00	249724.92	19430053.46	40.7913	A	5.4

$$y = 1.6333\text{E-}004 * x + 0.0041$$

$$R = 1.0000$$

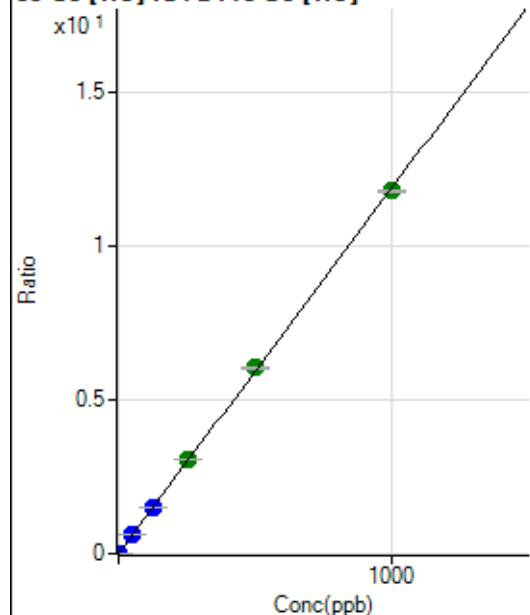
$$DL = 1.026$$

$$BEC = 25.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	171.11	0.0003	P	28.1
2	☐	1.000	1.003	6707.11	0.0122	P	2.9
3	☐	50.000	52.716	332842.24	0.6250	P	0.7
4	☐	125.000	128.720	793287.97	1.5256	P	0.4
5	☐	250.000	256.953	1525027.55	3.0451	A	1.2
6	☐	500.000	508.339	2842208.99	6.0239	A	0.7
7	☐	1000.000	993.491	5499556.73	11.7727	A	0.3
8	☐			15670.53	0.0329	P	7.5

$$y = 0.0118 * x + 3.1378\text{E-}004$$

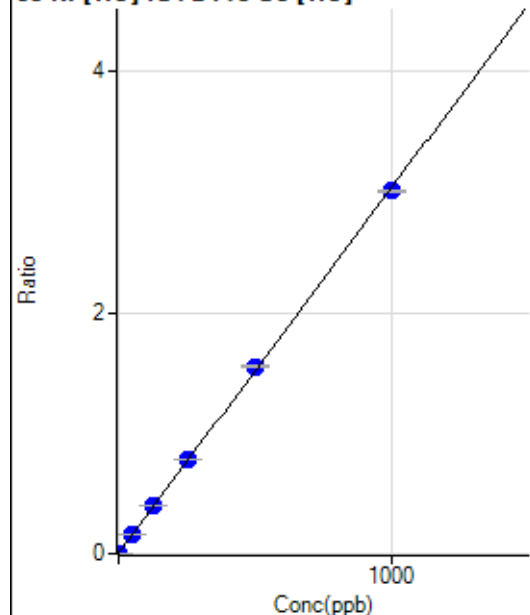
$$R = 0.9999$$

$$DL = 0.02234$$

$$BEC = 0.02648$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1335.63	0.0024	P	7.0
2	☐	1.000	0.995	3004.78	0.0055	P	2.9
3	☐	50.000	53.713	88010.80	0.1653	P	2.3
4	☐	125.000	130.759	207373.71	0.3988	P	0.6
5	☐	250.000	258.627	393859.78	0.7864	P	0.4
6	☐	500.000	510.769	731675.39	1.5508	P	0.6
7	☐	1000.000	991.553	1405222.98	3.0082	P	0.5
8	☐			17637.10	0.0370	P	6.5

$$y = 0.0030 * x + 0.0024$$

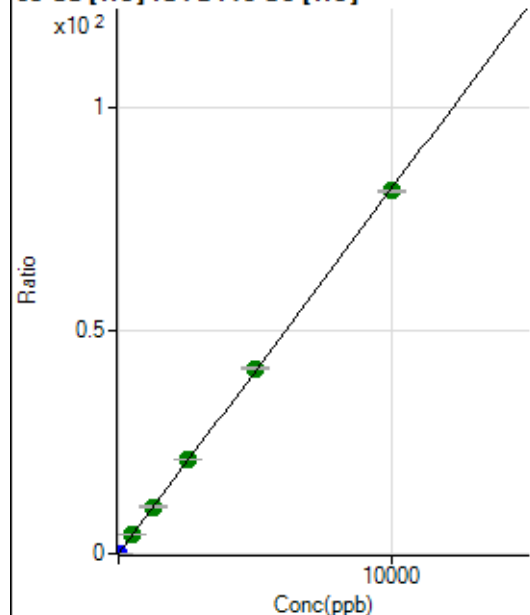
$$R = 0.9999$$

$$DL = 0.1706$$

$$BEC = 0.8079$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1832.36	0.0034	P	4.3
2	☐	2.000	2.006	10855.13	0.0197	P	3.0
3	☐	500.000	540.478	2352699.84	4.4176	A	1.4
4	☐	1250.000	1289.114	5476270.20	10.5320	A	0.7
5	☐	2500.000	2584.374	10572766.79	21.1109	A	0.5
6	☐	5000.000	5067.102	19527558.60	41.3882	A	1.0
7	☐	10000.000	9938.443	37919658.60	81.1741	A	0.4
8	☐			63711.43	0.1338	P	6.3

$$y = 0.0082 * x + 0.0034$$

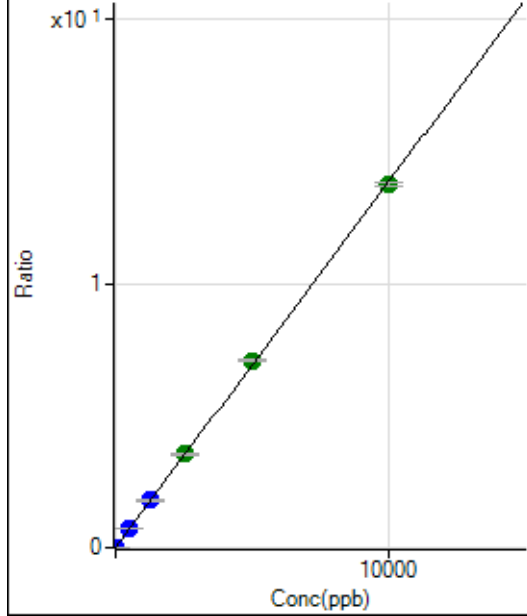
$$R = 0.9999$$

$$DL = 0.05274$$

$$BEC = 0.4113$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2745.84	0.0050	P	3.5
2	☐	5.000	4.786	6410.31	0.0117	P	3.0
3	☐	500.000	523.215	388384.88	0.7293	P	1.7
4	☐	1250.000	1290.453	931472.56	1.7914	P	0.9
5	☐	2500.000	2558.143	1776066.42	3.5463	A	1.0
6	☐	5000.000	5113.859	3342473.35	7.0842	A	1.1
7	☐	10000.000	9922.317	6418605.80	13.7405	A	1.1
8	☐			3404.86	0.0072	P	7.9

$$y = 0.0014 * x + 0.0050$$

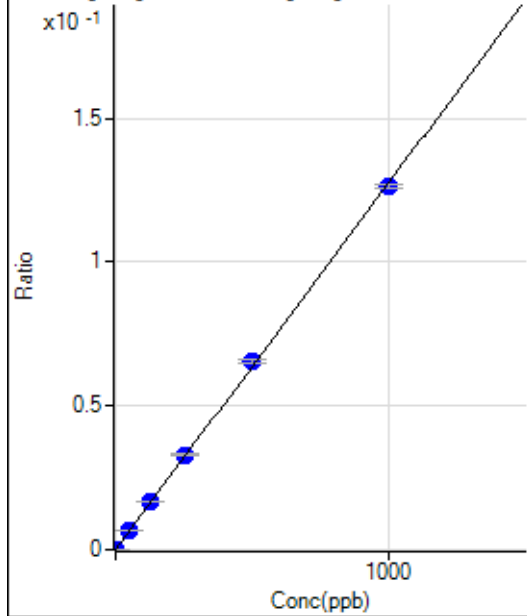
$$R = 0.9999$$

$$DL = 0.3789$$

$$BEC = 3.637$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	1.000	1.108	603.35	0.0001	P	3.8
3	☐	50.000	53.383	28672.22	0.0068	P	1.0
4	☐	125.000	129.880	68624.22	0.0165	P	0.3
5	☐	250.000	259.062	133990.12	0.0330	P	0.8
6	☐	500.000	513.924	252629.89	0.0655	P	2.3
7	☐	1000.000	989.993	489824.38	0.1261	P	1.1
8	☐			325.56	0.0001	P	12.4

$$y = 1.2739E-004 * x + 7.8941E-007$$

$$R = 0.9998$$

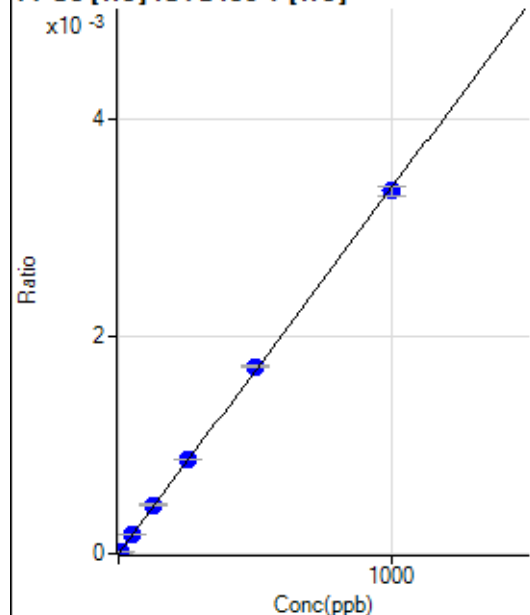
$$DL = 0.01862$$

$$BEC = 0.006197$$

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	2.22	0.0000	P	173.
2	☐	5.000	4.974	73.33	0.0000	P	13.6
3	☐	50.000	54.090	768.92	0.0002	P	2.0
4	☐	125.000	133.266	1860.14	0.0004	P	1.1
5	☐	250.000	257.392	3514.90	0.0009	P	1.9
6	☐	500.000	510.298	6622.65	0.0017	P	1.1
7	☐	1000.000	991.766	12950.18	0.0033	P	2.6
8	☐			4.44	0.0000	P	49.7

$$y = 3.3616\text{E-}006 * x + 5.2720\text{E-}007$$

$$R = 0.9999$$

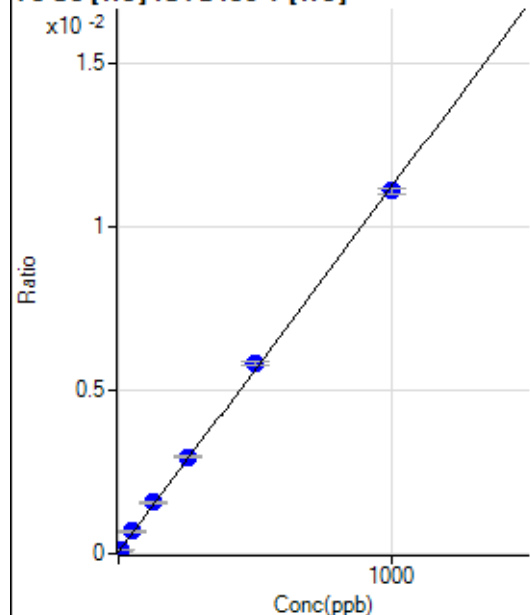
$$DL = 0.8149$$

$$BEC = 0.1568$$

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	296.67	0.0001	P	4.8
2	☐	5.000	4.592	516.68	0.0001	P	5.5
3	☐	50.000	54.646	2871.41	0.0007	P	4.5
4	☐	125.000	134.252	6513.72	0.0016	P	1.3
5	☐	250.000	258.146	11998.30	0.0030	P	2.6
6	☐	500.000	516.259	22533.88	0.0058	P	1.9
7	☐	1000.000	988.447	43176.07	0.0111	P	1.7
8	☐			262.23	0.0001	P	5.0

$$y = 1.1176\text{E-}005 * x + 7.0223\text{E-}005$$

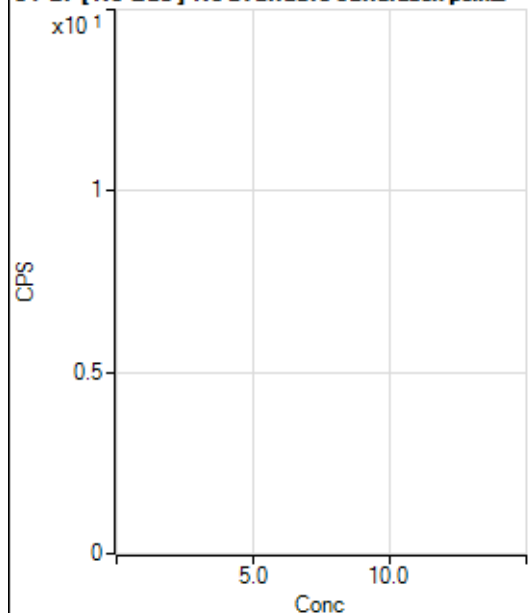
$$R = 0.9997$$

$$DL = 0.899$$

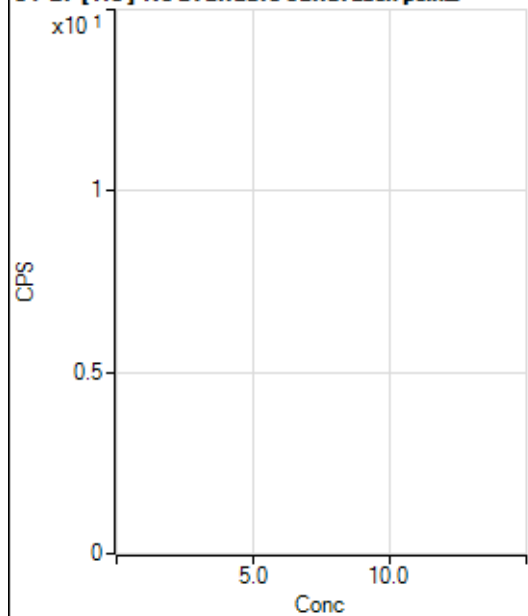
$$BEC = 6.283$$

Weight: <None>

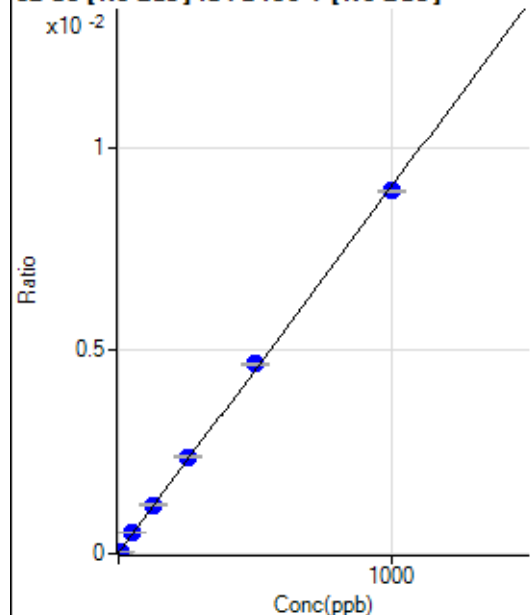
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8483.63		P	1.2
2	☐			8442.48		P	2.4
3	☐			8244.60		P	1.7
4	☐			7831.04		P	1.3
5	☐			7699.84		P	2.2
6	☐			7260.74		P	2.8
7	☐			7302.99		P	1.4
8	☐			8738.22		P	3.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	20.0
2	☐			36.67		P	41.7
3	☐			53.33		P	6.3
4	☐			52.22		P	41.0
5	☐			54.44		P	15.4
6	☐			43.33		P	23.1
7	☐			55.56		P	13.9
8	☐			77.78		P	8.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.18	0.0000	P	4.3
2	☐	5.000	4.661	1134.84	0.0001	P	2.1
3	☐	50.000	55.082	9539.09	0.0005	P	0.9
4	☐	125.000	130.685	22239.65	0.0012	P	1.7
5	☐	250.000	261.439	43000.49	0.0024	P	1.3
6	☐	500.000	515.517	81204.78	0.0047	P	1.1
7	☐	1000.000	988.419	151639.70	0.0089	P	0.7
8	☐			477.14	0.0000	P	8.5

$$y = 9.0250\text{E-}006 * x + 1.9022\text{E-}005$$

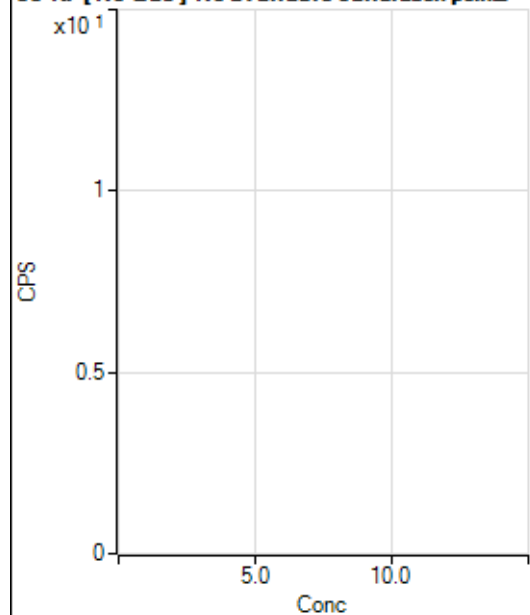
$$R = 0.9997$$

$$DL = 0.2738$$

$$BEC = 2.108$$

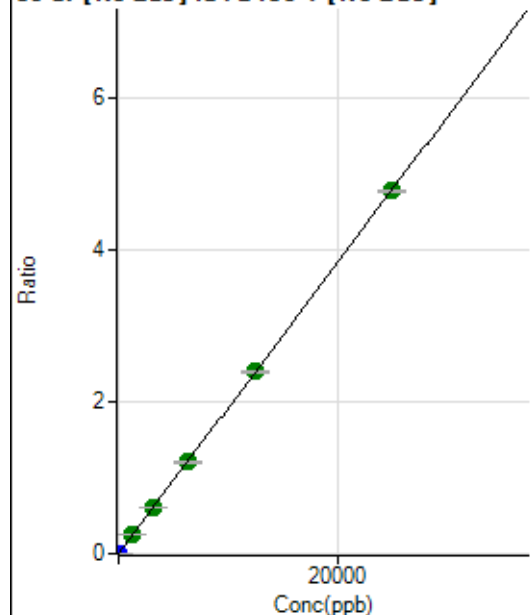
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			225.56		P	5.2
2	☐			227.78		P	11.8
3	☐			204.45		P	26.2
4	☐			218.89		P	14.8
5	☐			232.23		P	7.4
6	☐			213.34		P	14.9
7	☐			264.45		P	12.2
8	☐			286.67		P	3.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.68	0.0000	P	4.8
2	☐	1.000	1.016	4072.82	0.0002	P	5.4
3	☐	1250.000	1294.304	4565567.85	0.2470	A	0.6
4	☐	3125.000	3144.652	11136424.83	0.6001	A	0.6
5	☐	6250.000	6292.559	21707822.73	1.2008	A	2.0
6	☐	12500.000	12513.354	41508121.60	2.3879	A	1.2
7	☐	25000.000	24978.011	80853247.13	4.7665	A	0.7
8	☐			14679.63	0.0009	P	1.9

$$y = 1.9083\text{E-}004 * x + 2.5351\text{E-}005$$

$$R = 1.0000$$

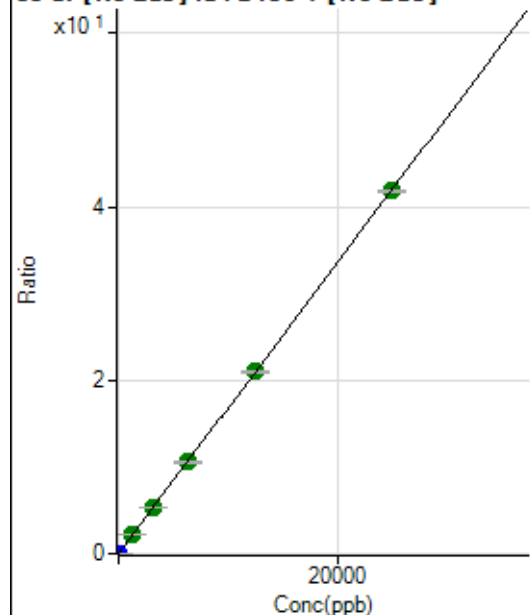
$$DL = 0.01919$$

$$BEC = 0.1329$$

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	993.38	0.0001	P	0.5
2	☐	1.000	0.987	31717.53	0.0017	P	2.3
3	☐	1250.000	1293.465	40041701.07	2.1665	A	0.2
4	☐	3125.000	3128.467	97234009.66	5.2399	A	1.0
5	☐	6250.000	6298.919	190728410.4	10.5500	A	1.4
6	☐	12500.000	12531.648	364855416.7	20.9890	A	1.1
7	☐	25000.000	24969.340	709392042.7	41.8207	A	0.9
8	☐			124956.89	0.0075	P	3.5

$$y = 0.0017 * x + 5.3969\text{E-}005$$

$$R = 1.0000$$

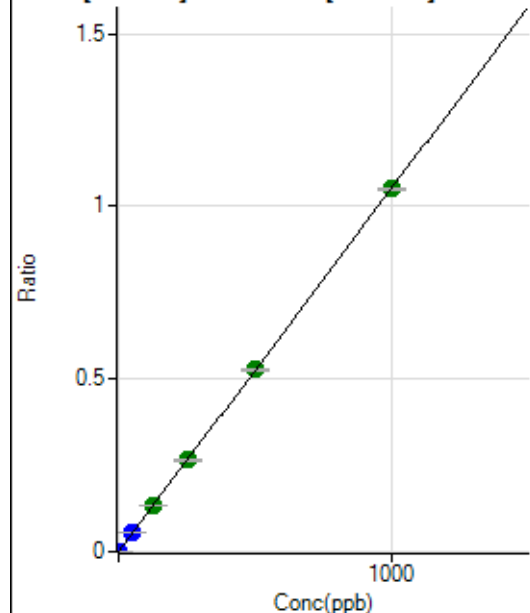
$$DL = 0.0004456$$

$$BEC = 0.03222$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741.14	0.0000	P	10.7
2	☐	1.000	0.859	17527.26	0.0009	P	1.7
3	☐	50.000	51.779	1006732.80	0.0545	P	0.8
4	☐	125.000	125.711	2452948.85	0.1322	A	2.1
5	☐	250.000	251.672	4783699.13	0.2646	A	1.4
6	☐	500.000	500.930	9154116.39	0.5266	A	1.6
7	☐	1000.000	998.939	17813658.48	1.0502	A	0.7
8	☐			10740.68	0.0006	P	2.2

$$y = 0.0011 * x + 4.0295E-005$$

$$R = 1.0000$$

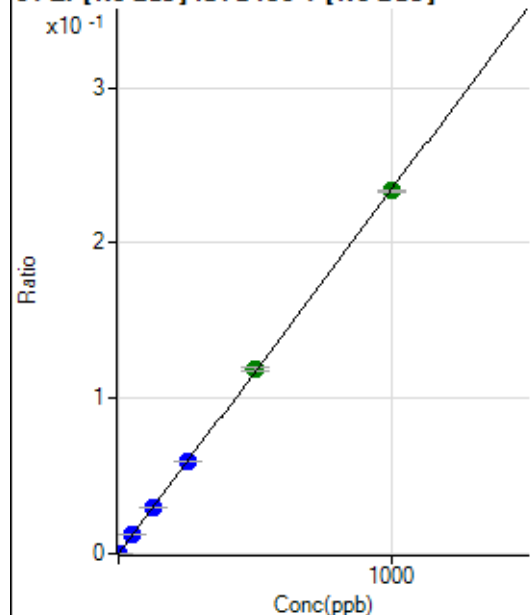
$$DL = 0.01226$$

$$BEC = 0.03833$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	12.0
2	☐	1.000	0.854	3856.10	0.0002	P	3.3
3	☐	50.000	51.890	225042.62	0.0122	P	0.7
4	☐	125.000	125.865	547811.92	0.0295	P	2.2
5	☐	250.000	253.210	1073695.31	0.0594	P	1.1
6	☐	500.000	505.635	2061373.40	0.1186	A	1.9
7	☐	1000.000	996.177	3963017.51	0.2336	A	0.8
8	☐			2343.55	0.0001	P	6.0

$$y = 2.3452E-004 * x + 7.2412E-006$$

$$R = 1.0000$$

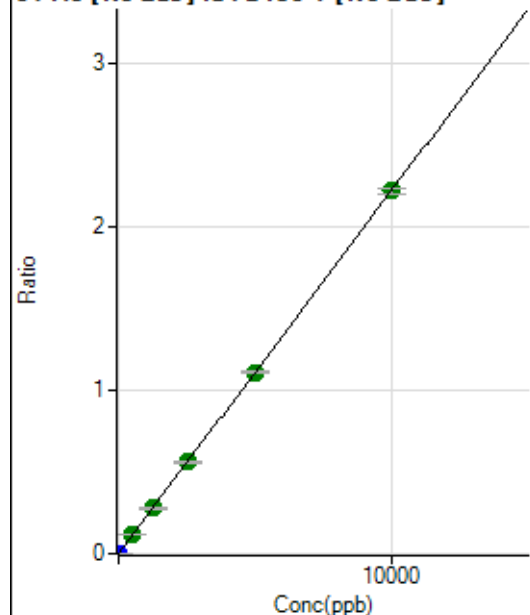
$$DL = 0.01112$$

$$BEC = 0.03088$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	446.68	0.0000	P	17.6
2	☐	5.000	5.080	21442.46	0.0012	P	0.8
3	☐	500.000	519.322	2135351.48	0.1155	A	1.6
4	☐	1250.000	1249.631	5158362.22	0.2780	A	1.4
5	☐	2500.000	2520.418	10135957.83	0.5607	A	1.5
6	☐	5000.000	5003.653	19347280.68	1.1130	A	1.5
7	☐	10000.000	9992.149	37701925.55	2.2227	A	1.3
8	☐			12444.25	0.0008	P	1.8

$$y = 2.2244\text{E-}004 * x + 2.4299\text{E-}005$$

$$R = 1.0000$$

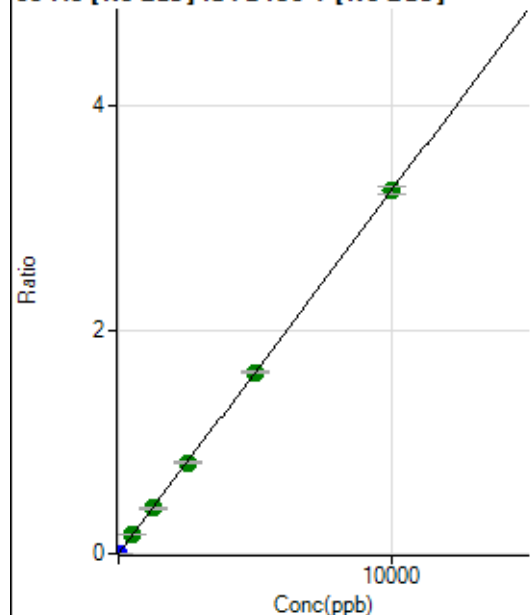
$$DL = 0.0578$$

$$BEC = 0.1092$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0000	P	4.3
2	☐	5.000	4.361	26606.42	0.0014	P	2.4
3	☐	500.000	514.273	3084417.70	0.1669	A	1.9
4	☐	1250.000	1246.409	7505434.33	0.4045	A	1.3
5	☐	2500.000	2511.116	14731462.97	0.8149	A	1.6
6	☐	5000.000	5003.268	28222448.19	1.6236	A	0.9
7	☐	10000.000	9995.323	55018774.73	3.2435	A	2.1
8	☐			14273.72	0.0009	P	1.7

$$y = 3.2450\text{E-}004 * x + 1.7330\text{E-}005$$

$$R = 1.0000$$

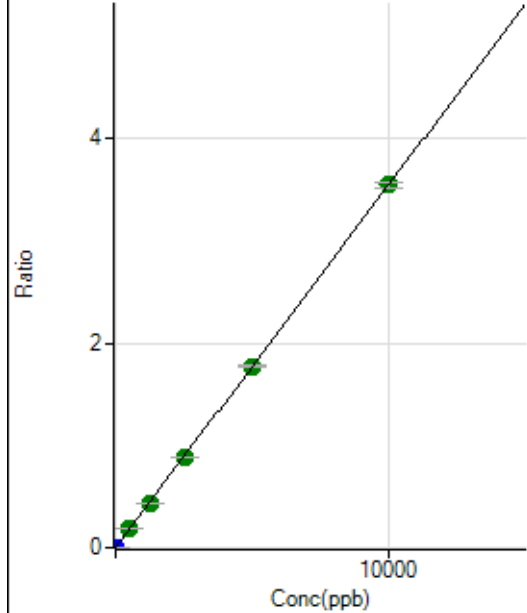
$$DL = 0.006941$$

$$BEC = 0.0534$$

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	376.67	0.0000	P	10.8
2	☐	5.000	4.408	29387.31	0.0016	P	2.4
3	☐	500.000	509.319	3335328.67	0.1805	A	1.0
4	☐	1250.000	1236.433	8128885.30	0.4381	A	1.2
5	☐	2500.000	2485.665	15920909.07	0.8806	A	1.2
6	☐	5000.000	4997.288	30776587.04	1.7705	A	0.6
7	☐	10000.000	10006.170	60135022.99	3.5450	A	1.7
8	☐			24902.44	0.0015	P	1.0

$$y = 3.5428\text{E-}004 * x + 2.0474\text{E-}005$$

$$R = 1.0000$$

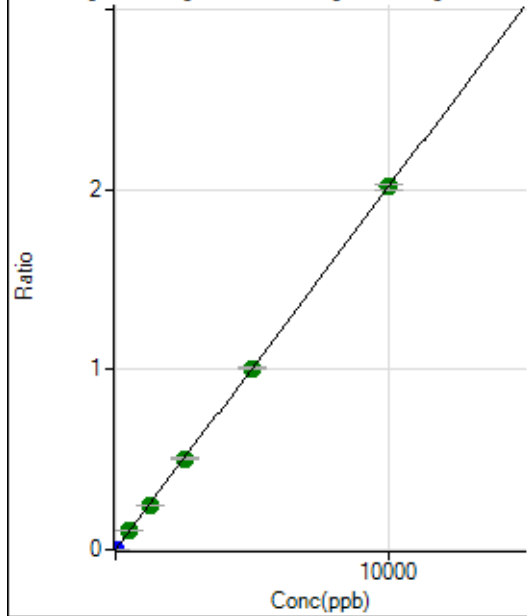
$$DL = 0.01878$$

$$BEC = 0.05779$$

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	188.89	0.0000	P	13.3
2	☐	5.000	4.407	16691.83	0.0009	P	2.9
3	☐	500.000	511.044	1904012.98	0.1030	A	0.8
4	☐	1250.000	1235.197	4620289.76	0.2490	A	1.2
5	☐	2500.000	2514.376	9162753.82	0.5068	A	1.5
6	☐	5000.000	4999.962	17519979.18	1.0079	A	0.5
7	☐	10000.000	9997.724	34184177.55	2.0153	A	1.7
8	☐			8830.51	0.0005	P	2.4

$$y = 2.0157\text{E-}004 * x + 1.0254\text{E-}005$$

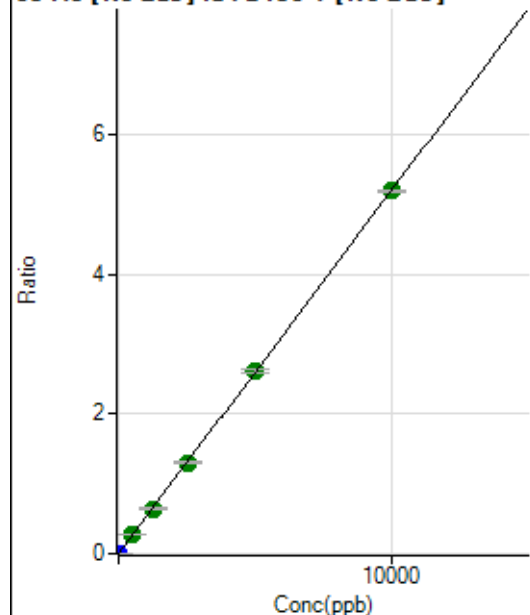
$$R = 1.0000$$

$$DL = 0.02022$$

$$BEC = 0.05087$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	443.35	0.0000	P	9.3
2	☐	5.000	4.318	42226.44	0.0023	P	2.3
3	☐	500.000	509.786	4907893.54	0.2656	A	0.8
4	☐	1250.000	1238.159	11967222.32	0.6449	A	1.5
5	☐	2500.000	2506.517	23601639.65	1.3056	A	1.9
6	☐	5000.000	5022.733	45475384.88	2.6162	A	1.7
7	☐	10000.000	9987.995	88245266.46	5.2024	A	0.8
8	☐			22054.48	0.0013	P	1.4

$$y = 5.2086\text{E-}004 * x + 2.4085\text{E-}005$$

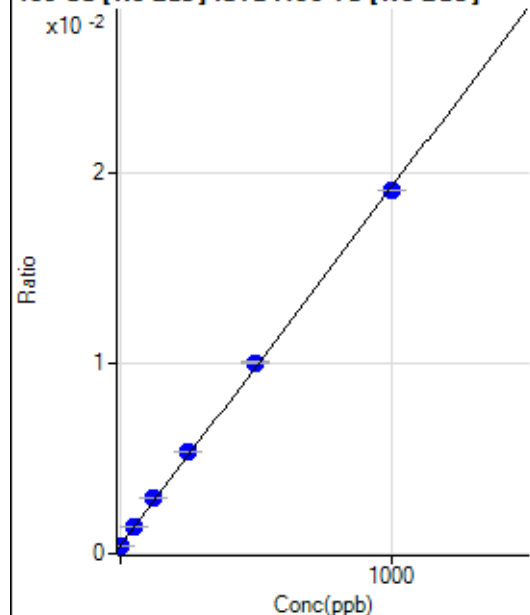
$$R = 1.0000$$

$$DL = 0.01293$$

$$BEC = 0.04624$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5177.64	0.0004	P	1.8
2	☐	1.000	0.942	5456.64	0.0004	P	1.4
3	☐	50.000	56.309	20048.34	0.0014	P	0.9
4	☐	125.000	135.039	41094.73	0.0029	P	1.6
5	☐	250.000	264.359	75294.78	0.0054	P	0.5
6	☐	500.000	511.105	138901.95	0.0100	P	0.5
7	☐	1000.000	989.287	261532.07	0.0191	P	0.1
8	☐			4338.47	0.0003	P	1.4

$$y = 1.8905\text{E-}005 * x + 3.8018\text{E-}004$$

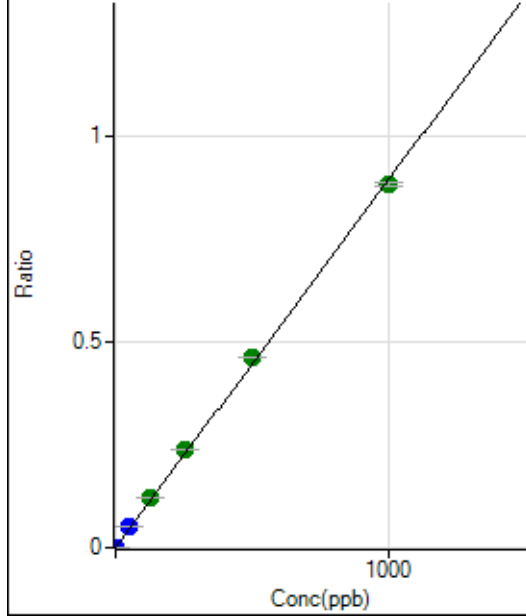
$$R = 0.9998$$

$$DL = 1.056$$

$$BEC = 20.11$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.55	0.0000	P	8.5
2	☐	1.000	0.991	12249.71	0.0009	P	1.9
3	☐	50.000	56.203	698146.21	0.0503	P	1.9
4	☐	125.000	136.543	1712657.53	0.1222	A	1.9
5	☐	250.000	265.898	3332234.88	0.2380	A	0.9
6	☐	500.000	515.922	6387130.46	0.4618	A	0.3
7	☐	1000.000	986.312	12099427.18	0.8828	A	1.1
8	☐			1567.88	0.0001	P	7.3

$$y = 8.9507\text{E-}004 * x + 6.2835\text{E-}006$$

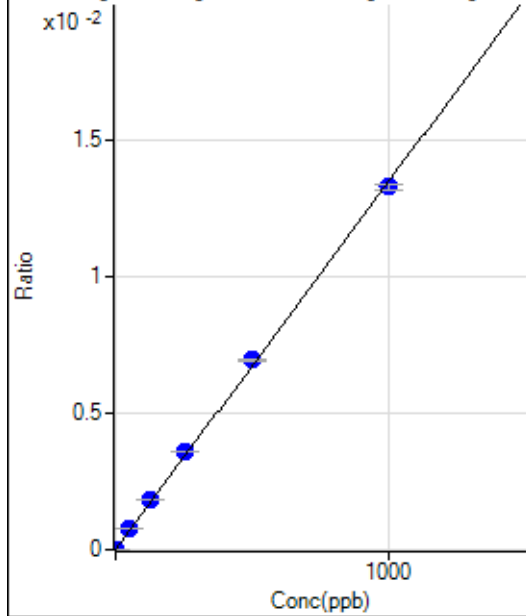
$$R = 0.9996$$

$$DL = 0.001795$$

$$BEC = 0.00702$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	63.3
2	☐	1.000	1.168	227.78	0.0000	P	14.4
3	☐	50.000	57.041	10654.00	0.0008	P	1.5
4	☐	125.000	135.789	25582.64	0.0018	P	2.8
5	☐	250.000	266.954	50251.07	0.0036	P	1.6
6	☐	500.000	515.329	95822.41	0.0069	P	1.3
7	☐	1000.000	986.396	181727.81	0.0133	P	1.2
8	☐			92.22	0.0000	P	50.5

$$y = 1.3442\text{E-}005 * x + 9.0104\text{E-}007$$

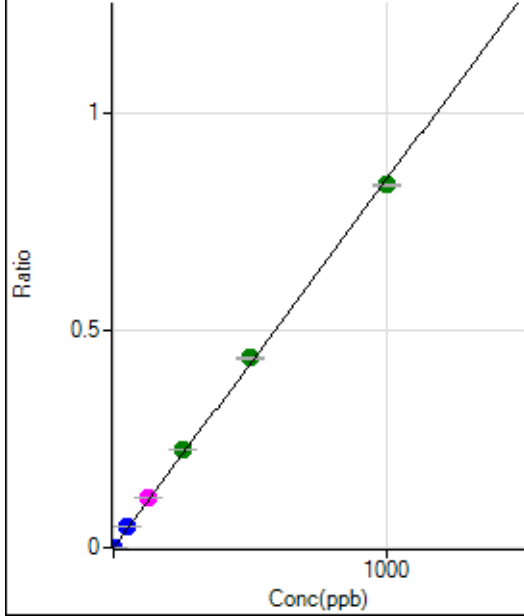
$$R = 0.9996$$

$$DL = 0.1274$$

$$BEC = 0.06703$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	37.6
2	☐	1.000	0.978	11364.55	0.0008	P	3.2
3	☐	50.000	56.167	659412.27	0.0475	P	1.8
4	☐	125.000	135.216	1602900.81	0.1144	M	1.0
5	☐	250.000	267.745	3171475.99	0.2265	A	0.6
6	☐	500.000	516.750	6046631.23	0.4372	A	1.1
7	☐	1000.000	985.603	11428161.36	0.8339	A	0.8
8	☐			1420.08	0.0001	P	8.8

$$y = 8.4603\text{E-}004 * x + 1.7118\text{E-}006$$

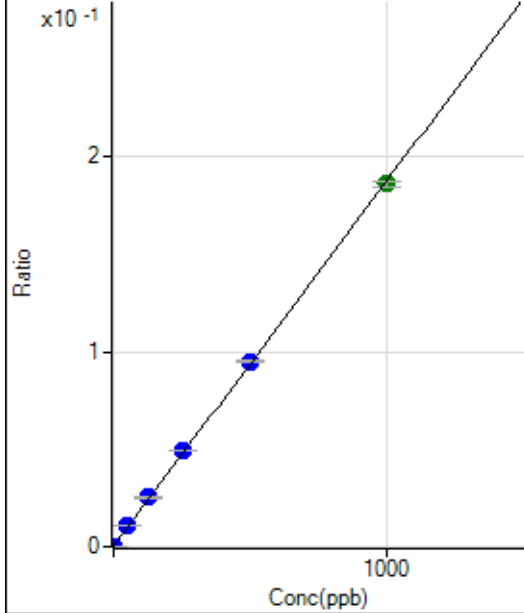
$$R = 0.9996$$

$$DL = 0.002285$$

$$BEC = 0.002023$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3644.68	0.0003	P	1.6
2	☐	1.000	1.032	6319.36	0.0005	P	2.7
3	☐	50.000	55.639	148317.48	0.0107	P	1.3
4	☐	125.000	133.923	355178.69	0.0254	P	1.8
5	☐	250.000	261.396	689183.53	0.0492	P	0.6
6	☐	500.000	505.615	1313445.37	0.0950	P	0.8
7	☐	1000.000	992.946	2552448.50	0.1862	A	1.4
8	☐			3404.61	0.0003	P	1.9

$$y = 1.8729\text{E-}004 * x + 2.6762\text{E-}004$$

$$R = 0.9999$$

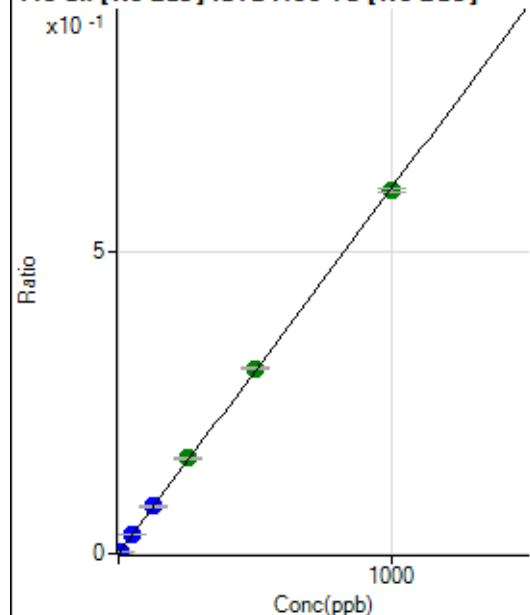
$$DL = 0.06812$$

$$BEC = 1.429$$

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	4466.59	0.0003	P	11.0
2	☐	5.000	4.927	45448.04	0.0033	P	1.0
3	☐	50.000	53.579	455289.39	0.0328	P	1.3
4	☐	125.000	129.598	1105349.32	0.0789	P	1.9
5	☐	250.000	260.323	2214147.99	0.1581	A	1.5
6	☐	500.000	507.432	4259309.28	0.3080	A	0.4
7	☐	1000.000	992.950	8254585.09	0.6023	A	1.2
8	☐			18443.03	0.0014	P	0.8

$$y = 6.0624\text{E-}004 * x + 3.2816\text{E-}004$$

$$R = 0.9999$$

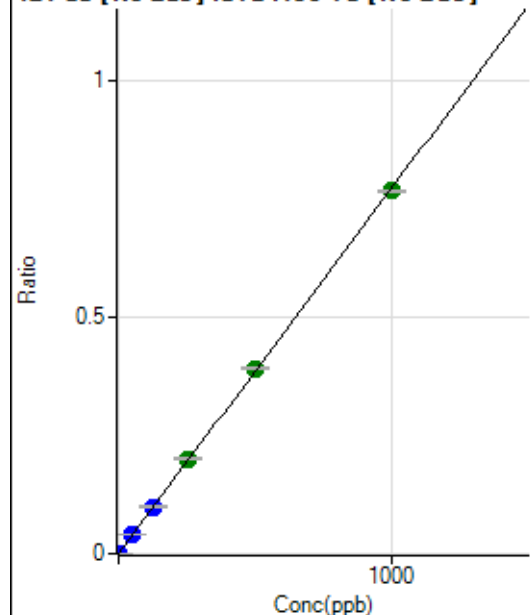
$$DL = 0.1785$$

$$BEC = 0.5413$$

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	95.56	0.0000	P	15.5
2	☐	2.000	1.942	20651.57	0.0015	P	1.4
3	☐	50.000	52.683	564500.94	0.0407	P	1.8
4	☐	125.000	128.319	1388164.53	0.0991	P	1.5
5	☐	250.000	260.092	2811512.07	0.2008	A	0.8
6	☐	500.000	507.359	5417790.54	0.3917	A	0.5
7	☐	1000.000	993.248	10509824.29	0.7668	A	0.8
8	☐			8830.57	0.0007	P	6.0

$$y = 7.7205\text{E-}004 * x + 7.0098\text{E-}006$$

$$R = 0.9999$$

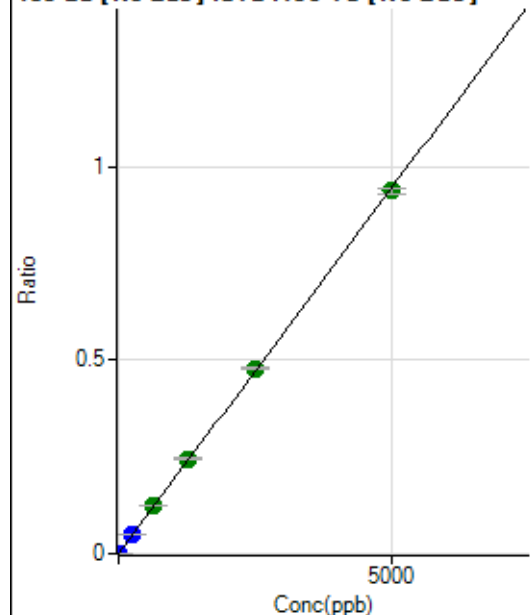
$$DL = 0.004227$$

$$BEC = 0.00908$$

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	108.89	0.0000	P	5.4
2	☐	10.000	9.416	24495.59	0.0018	P	1.6
3	☐	250.000	256.331	671999.46	0.0484	P	1.1
4	☐	625.000	656.335	1737172.63	0.1240	A	1.0
5	☐	1250.000	1300.355	3438989.36	0.2456	A	0.6
6	☐	2500.000	2537.473	6629370.11	0.4793	A	0.5
7	☐	5000.000	4964.442	12851941.06	0.9377	A	1.7
8	☐			5608.94	0.0004	P	2.0

$$y = 1.8889\text{E-}004 * x + 7.9929\text{E-}006$$

$$R = 0.9999$$

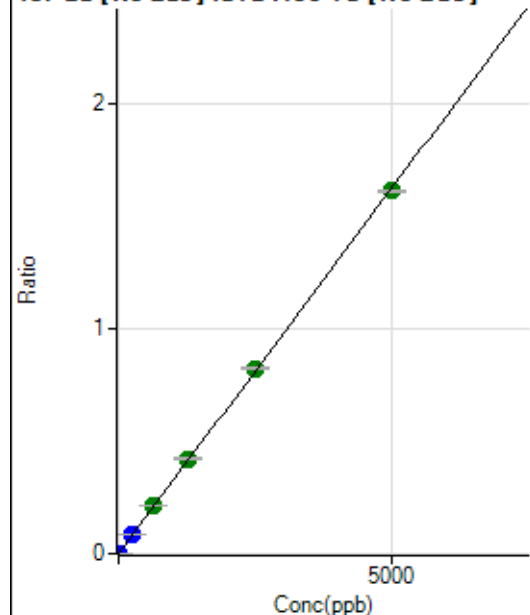
$$DL = 0.006907$$

$$BEC = 0.04232$$

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	165.56	0.0000	P	32.6
2	☐	10.000	9.534	42571.29	0.0031	P	1.2
3	☐	250.000	255.830	1151777.13	0.0830	P	2.1
4	☐	625.000	659.294	2996844.68	0.2139	A	1.5
5	☐	1250.000	1294.075	5877734.64	0.4198	A	1.5
6	☐	2500.000	2532.933	11365049.55	0.8217	A	1.4
7	☐	5000.000	4967.937	22087883.01	1.6116	A	0.4
8	☐			9597.77	0.0007	P	0.7

$$y = 3.2441\text{E-}004 * x + 1.2172\text{E-}005$$

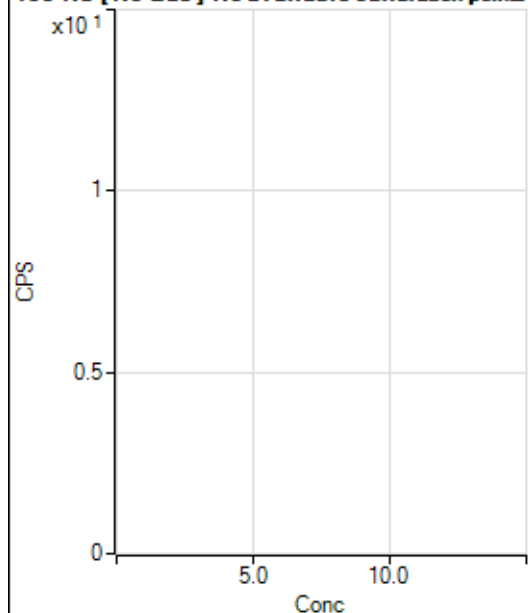
$$R = 0.9999$$

$$DL = 0.03668$$

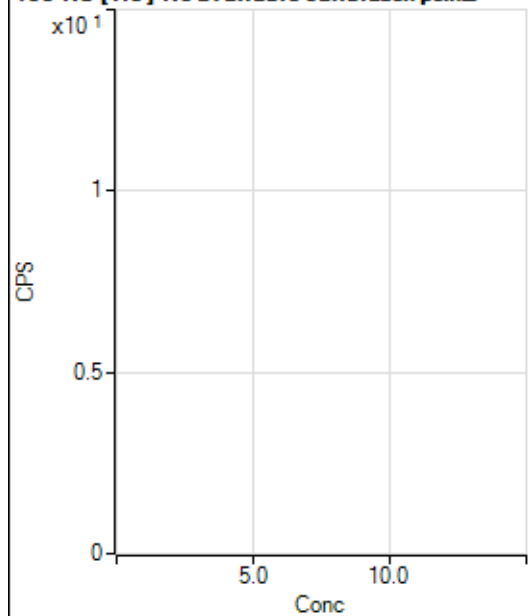
$$BEC = 0.03752$$

Weight: <None>

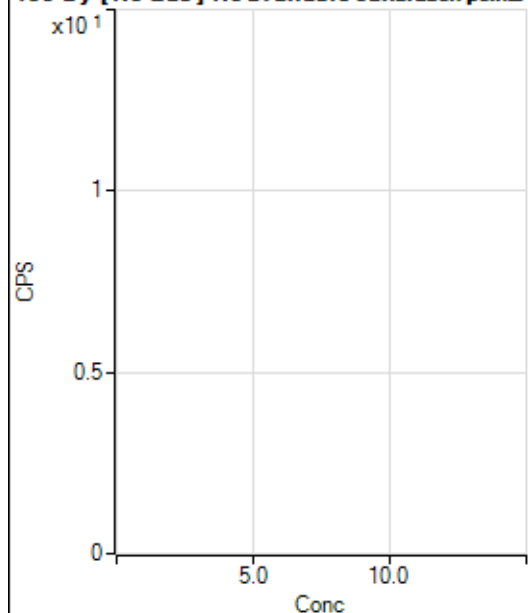
Min Conc: 0

150 Nd [No Gas] No available calibration points

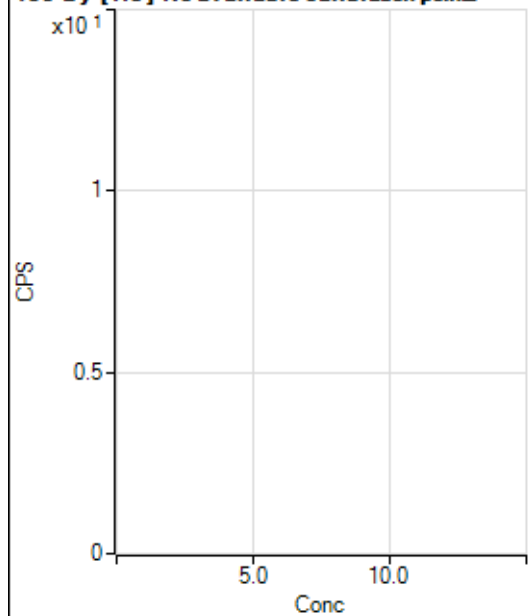
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	51.0
2	☐			15.56		P	32.7
3	☐			104.44		P	30.2
4	☐			187.78		P	14.2
5	☐			352.23		P	3.0
6	☐			734.47		P	7.6
7	☐			640.02		P	3.4
8	☐			203.34		P	17.0

150 Nd [He] No available calibration points

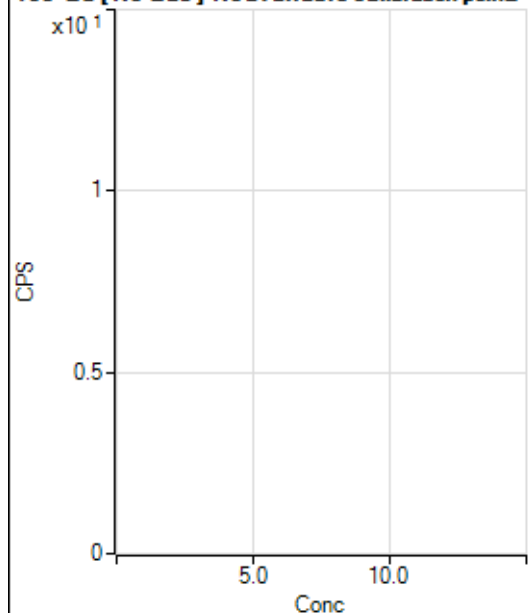
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	78.1
3	☐			27.78		P	25.0
4	☐			77.78		P	24.4
5	☐			155.56		P	15.5
6	☐			244.45		P	11.0
7	☐			214.45		P	14.0
8	☐			144.44		P	16.4

156 Dy [No Gas] No available calibration points

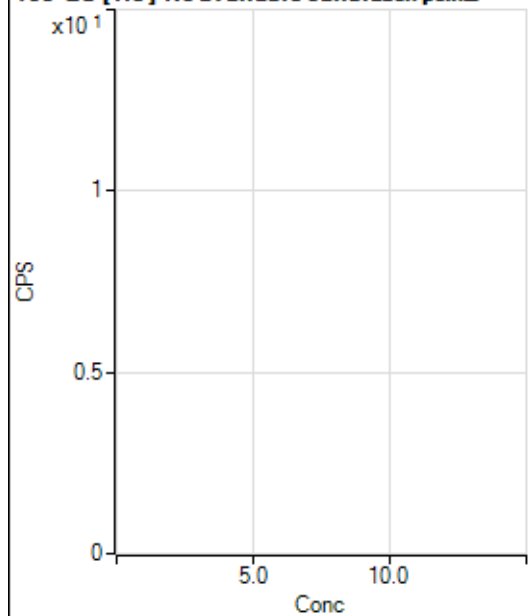
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	50.9
2	☐			23.33		P	57.2
3	☐			51.11		P	13.6
4	☐			128.89		P	29.8
5	☐			217.78		P	11.5
6	☐			418.90		P	16.0
7	☐			332.23		P	12.1
8	☐			374.45		P	3.6

156 Dy [He] No available calibration points

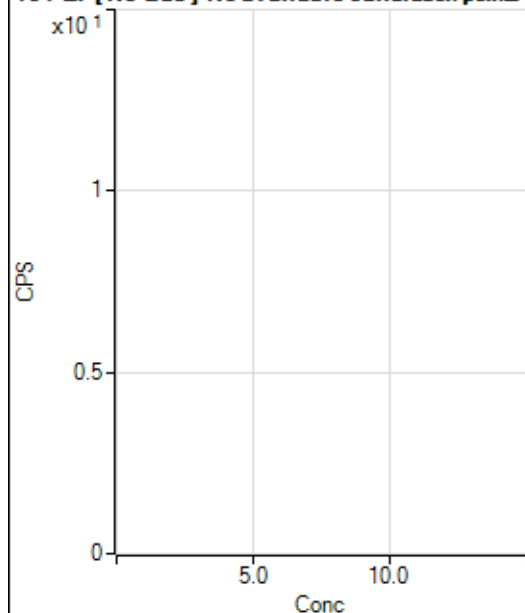
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐			11.11		P	75.5
3	☐			61.11		P	42.4
4	☐			130.00		P	21.9
5	☐			257.78		P	11.1
6	☐			468.90		P	9.7
7	☐			600.02		P	2.5
8	☐			288.90		P	8.2

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

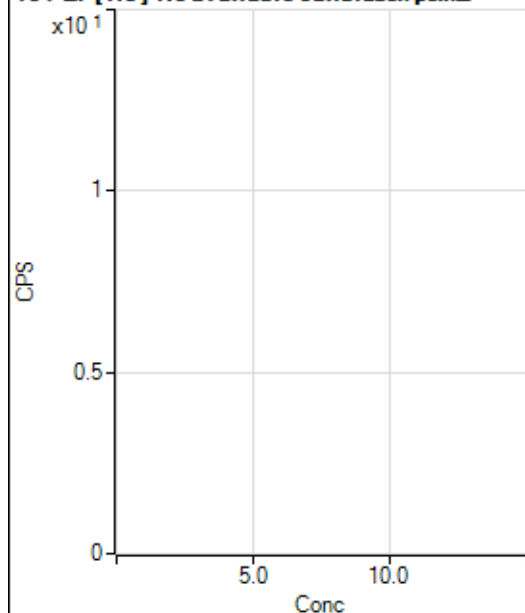
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			92.22		P	16.3
2	☐			115.56		P	4.4
3	☐			98.89		P	5.2
4	☐			136.67		P	11.2
5	☐			235.56		P	4.5
6	☐			366.68		P	7.2
7	☐			256.67		P	19.5
8	☐			375.56		P	4.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			410.01		P	14.2
2	☐			421.12		P	6.7
3	☐			438.90		P	8.5
4	☐			442.23		P	5.8
5	☐			533.35		P	2.7
6	☐			612.24		P	7.4
7	☐			520.02		P	2.6
8	☐			553.35		P	17.9

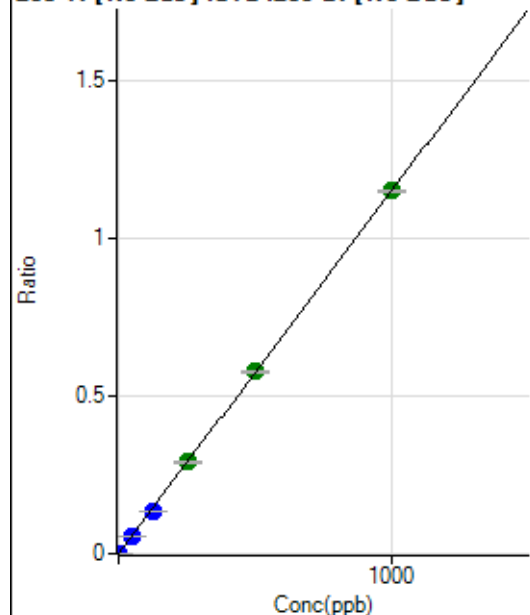
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			134.45		P	17.4
2	☐			150.00		P	2.2
3	☐			143.33		P	19.0
4	☐			255.56		P	6.4
5	☐			242.23		P	5.6
6	☐			392.23		P	8.5
7	☐			393.34		P	8.3
8	☐			445.57		P	4.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	5.9
2	☐			64.44		P	11.9
3	☐			70.00		P	23.8
4	☐			85.56		P	29.2
5	☐			146.67		P	8.2
6	☐			222.23		P	5.7
7	☐			201.12		P	8.3
8	☐			244.45		P	5.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	4.5
2	☐	1.000	0.858	7379.84	0.0010	P	3.7
3	☐	50.000	47.158	404695.64	0.0543	P	2.4
4	☐	125.000	114.346	1013852.97	0.1317	P	0.1
5	☐	250.000	252.063	2255494.93	0.2902	A	2.0
6	☐	500.000	501.660	4418682.16	0.5776	A	0.8
7	☐	1000.000	1000.128	8618473.07	1.1515	A	0.4
8	☐			1068.94	0.0002	P	3.4

$$y = 0.0012 * x + 1.7683E-005$$

$$R = 0.9999$$

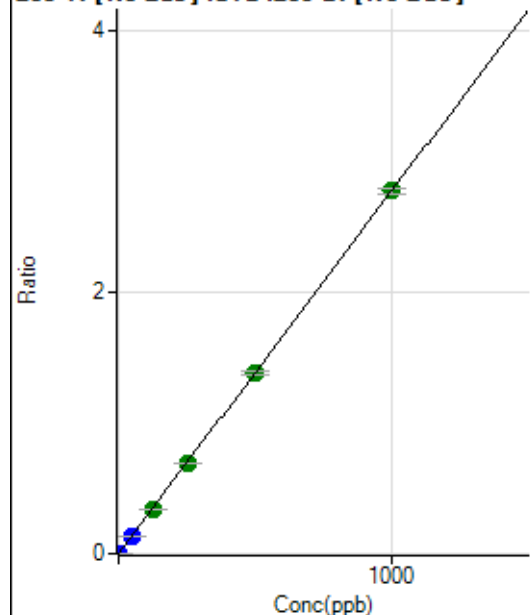
$$DL = 0.002061$$

$$BEC = 0.01536$$

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	326.67	0.0000	P	2.9
2	☐	1.000	0.839	17377.90	0.0024	P	1.1
3	☐	50.000	46.722	964400.16	0.1294	P	1.3
4	☐	125.000	123.028	2623635.59	0.3407	A	1.7
5	☐	250.000	248.184	5341645.93	0.6873	A	0.5
6	☐	500.000	499.850	10588799.01	1.3842	A	1.5
7	☐	1000.000	1000.939	20741880.11	2.7717	A	1.3
8	☐			2515.82	0.0004	P	8.8

$$y = 0.0028 * x + 4.5229E-005$$

$$R = 1.0000$$

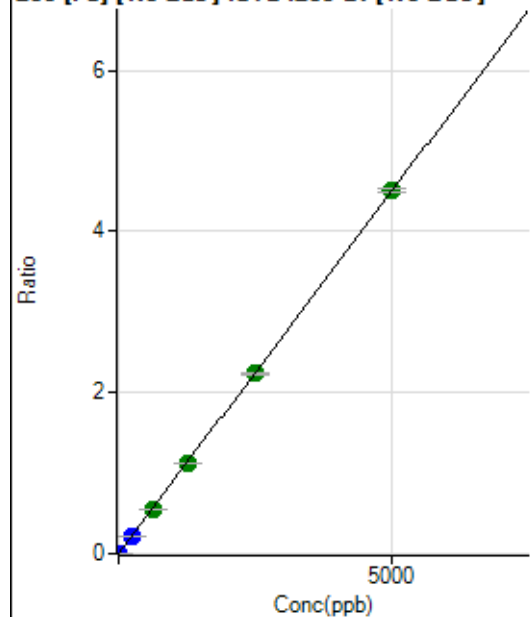
$$DL = 0.001436$$

$$BEC = 0.01633$$

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	1097.84	0.0002	P	3.0
2	☐	1.000	0.868	6839.56	0.0009	P	2.4
3	☐	250.000	236.004	1581550.29	0.2122	P	1.9
4	☐	625.000	616.945	4270749.00	0.5546	A	1.7
5	☐	1250.000	1241.146	8670445.77	1.1156	A	0.3
6	☐	2500.000	2490.849	17125825.44	2.2387	A	1.4
7	☐	5000.000	5008.496	33686192.56	4.5013	A	1.0
8	☐			18115.50	0.0027	P	2.3

$$y = 8.9870\text{E-}004 * x + 1.5193\text{E-}004$$

$$R = 1.0000$$

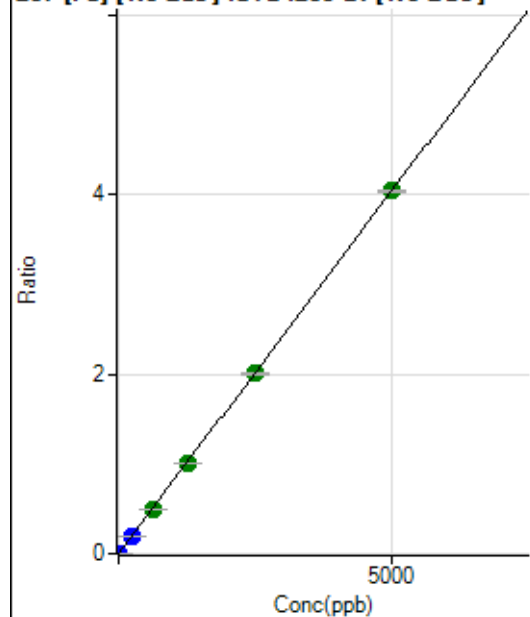
$$DL = 0.01546$$

$$BEC = 0.1691$$

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	918.93	0.0001	P	4.5
2	☐	1.000	0.870	6092.54	0.0008	P	4.0
3	☐	250.000	234.231	1411395.10	0.1894	P	1.2
4	☐	625.000	620.654	3862806.33	0.5017	A	0.5
5	☐	1250.000	1251.918	7863685.72	1.0118	A	0.3
6	☐	2500.000	2491.443	15402463.11	2.0134	A	1.2
7	☐	5000.000	5005.130	30270222.88	4.0447	A	0.6
8	☐			16150.82	0.0024	P	0.7

$$y = 8.0808\text{E-}004 * x + 1.2724\text{E-}004$$

$$R = 1.0000$$

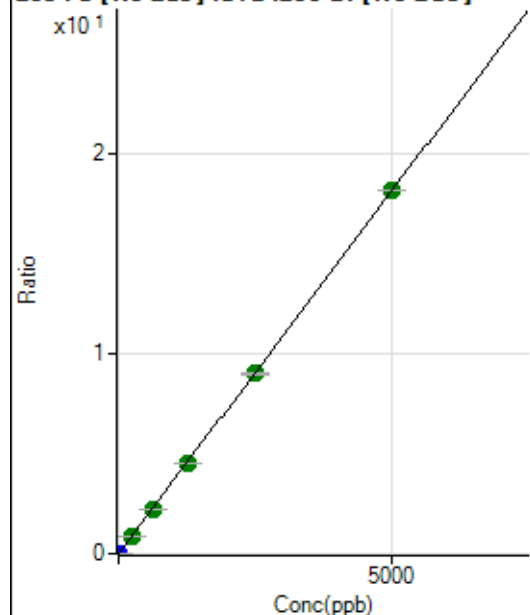
$$DL = 0.02145$$

$$BEC = 0.1575$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4507.03	0.0006	P	2.5
2	☐	1.000	0.868	27656.85	0.0038	P	2.1
3	☐	250.000	244.879	6616838.70	0.8879	A	1.0
4	☐	625.000	617.404	17231738.18	2.2378	A	1.1
5	☐	1250.000	1248.176	35157057.60	4.5234	A	0.3
6	☐	2500.000	2490.245	69033062.72	9.0240	A	1.3
7	☐	5000.000	5006.539	135781304.9	18.1417	A	0.1
8	☐			73271.20	0.0110	P	0.9

$$y = 0.0036 * x + 6.2383E-004$$

$$R = 1.0000$$

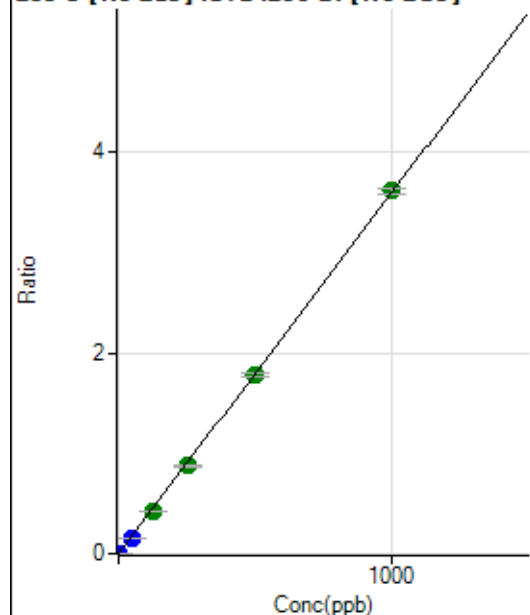
$$DL = 0.01307$$

$$BEC = 0.1722$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0000	P	32.5
2	☐	1.000	0.781	20650.54	0.0028	P	3.5
3	☐	50.000	43.629	1169043.46	0.1569	P	1.8
4	☐	125.000	117.870	3263412.25	0.4238	A	0.8
5	☐	250.000	243.414	6803048.37	0.8753	A	1.1
6	☐	500.000	494.320	13597475.63	1.7775	A	1.9
7	☐	1000.000	1005.696	27061173.76	3.6163	A	1.5
8	☐			2047.96	0.0003	P	9.2

$$y = 0.0036 * x + 8.2952E-006$$

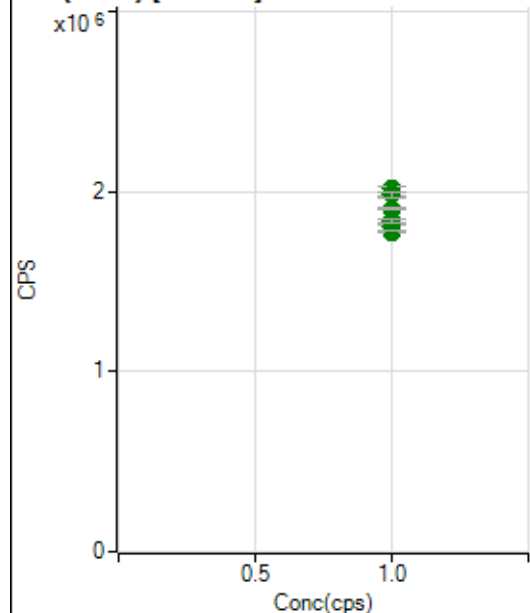
$$R = 0.9999$$

$$DL = 0.002252$$

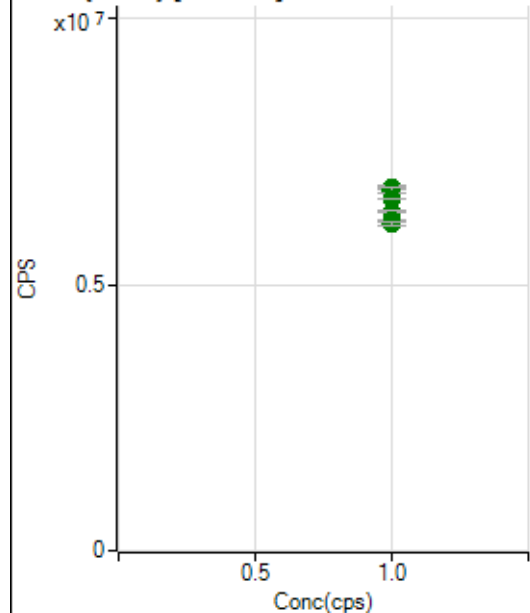
$$BEC = 0.002307$$

Weight: <None>

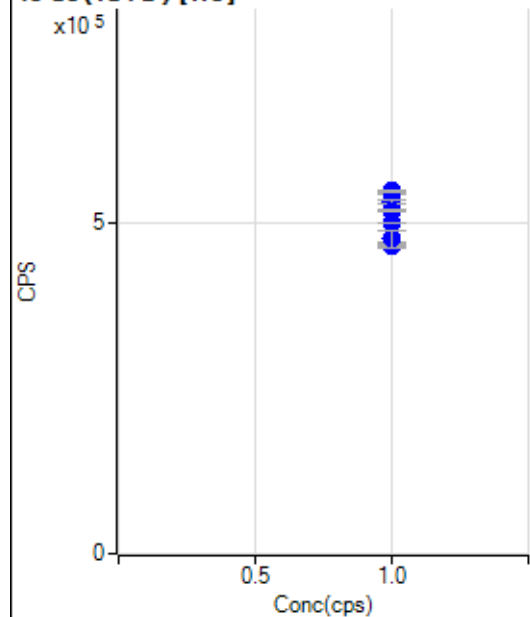
Min Conc: 0

6 Li (ISTD) [No Gas]

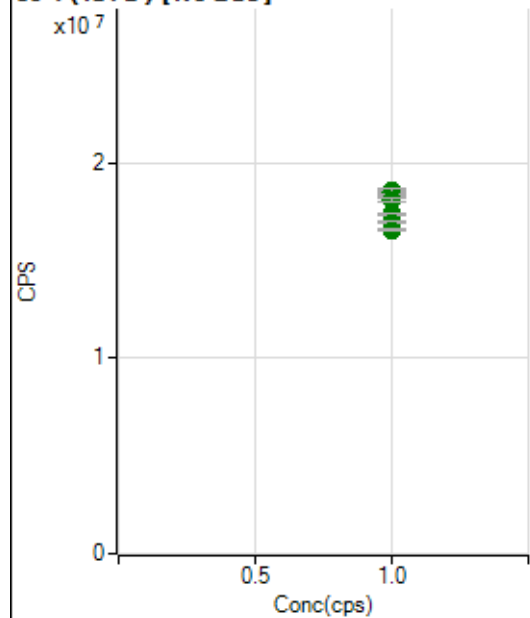
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1772345.56		A	0.4
2	☐	1.000		1800719.78		A	2.0
3	☐	1.000		1837211.67		A	1.5
4	☐	1.000		1905384.87		A	0.8
5	☐	1.000		1998635.94		A	2.8
6	☐	1.000		2014964.07		A	1.5
7	☐	1.000		1981397.11		A	1.8
8	☐	1.000		1902313.53		A	0.6

45 Sc (ISTD) [No Gas]

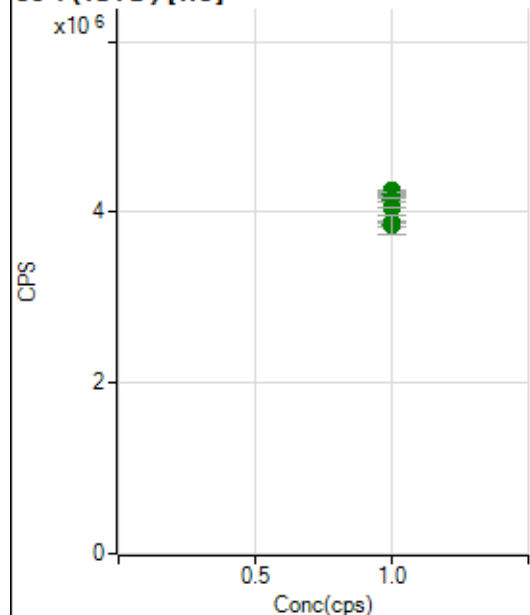
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6768220.11		A	1.0
2	☐	1.000		6822028.99		A	1.0
3	☐	1.000		6797565.38		A	2.1
4	☐	1.000		6773073.58		A	1.5
5	☐	1.000		6605241.92		A	0.2
6	☐	1.000		6381386.85		A	0.5
7	☐	1.000		6201661.99		A	0.2
8	☐	1.000		6144858.66		A	0.7

45 Sc (ISTD) [He]

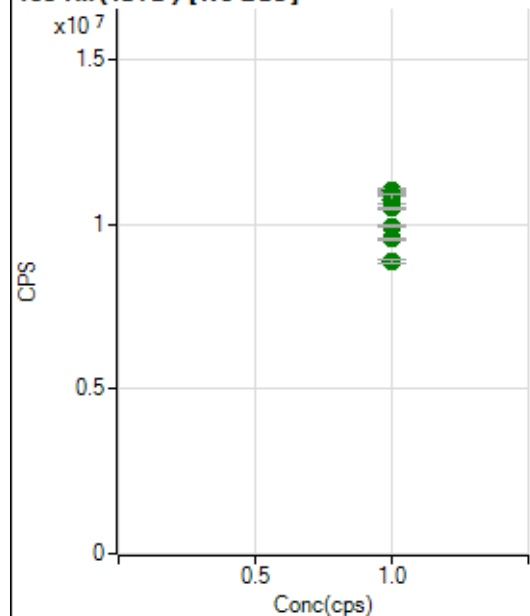
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		545470.27		P	0.4
2	☐	1.000		549802.16		P	0.4
3	☐	1.000		532603.66		P	1.3
4	☐	1.000		519984.96		P	0.9
5	☐	1.000		500819.47		P	0.2
6	☐	1.000		471817.52		P	0.3
7	☐	1.000		467146.82		P	0.6
8	☐	1.000		477244.00		P	5.4

89 Y (ISTD) [No Gas]

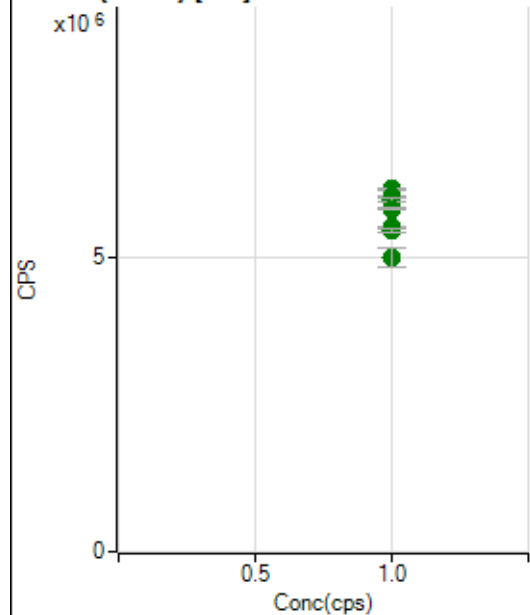
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18405832.37		A	1.1
2	☐	1.000		18578465.14		A	1.0
3	☐	1.000		18482707.36		A	1.0
4	☐	1.000		18558761.39		A	1.8
5	☐	1.000		18080232.65		A	1.1
6	☐	1.000		17383632.10		A	0.8
7	☐	1.000		16962779.47		A	0.6
8	☐	1.000		16569336.28		A	0.4

89 Y(ISTD) [He]

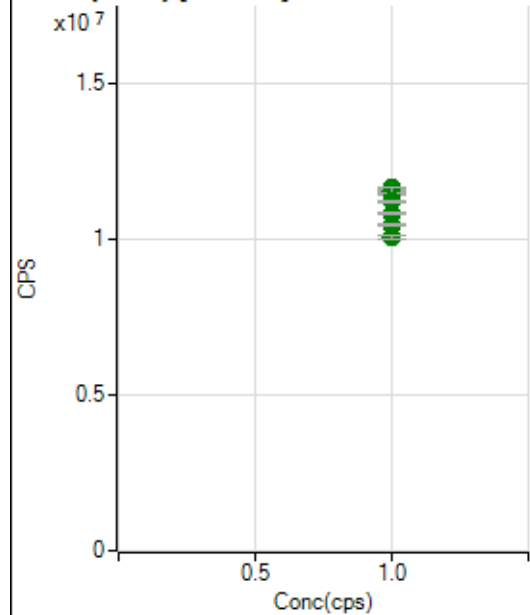
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4224527.44		A	0.2
2	☐	1.000		4251300.66		A	0.2
3	☐	1.000		4215919.94		A	1.2
4	☐	1.000		4147402.65		A	1.1
5	☐	1.000		4059833.69		A	0.2
6	☐	1.000		3859221.33		A	1.5
7	☐	1.000		3884071.02		A	1.0
8	☐	1.000		3856265.22		A	5.5

103 Rh(ISTD) [No Gas]

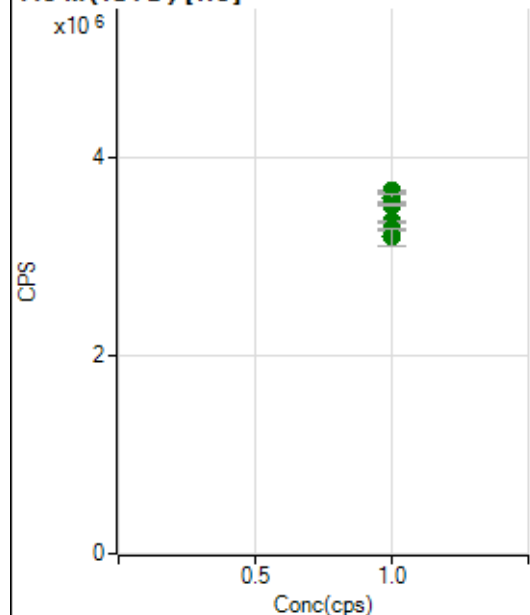
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10972999.42		A	0.7
2	☐	1.000		11003048.17		A	0.9
3	☐	1.000		10888789.28		A	0.6
4	☐	1.000		10755295.54		A	2.3
5	☐	1.000		10487745.82		A	0.7
6	☐	1.000		9921287.91		A	0.5
7	☐	1.000		9558340.41		A	0.7
8	☐	1.000		8849996.05		A	1.6

103 Rh (ISTD) [He]

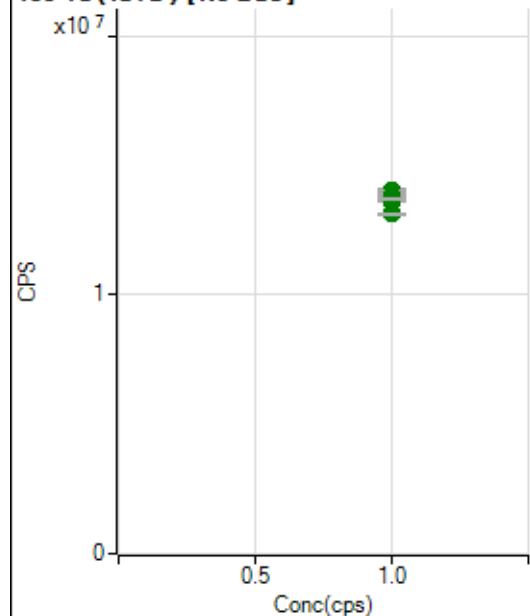
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6161751.44		A	0.8
2	☐	1.000		6161324.42		A	0.3
3	☐	1.000		6031655.19		A	0.5
4	☐	1.000		5968896.72		A	1.1
5	☐	1.000		5817471.58		A	0.5
6	☐	1.000		5523557.83		A	0.4
7	☐	1.000		5459688.11		A	1.1
8	☐	1.000		4989218.92		A	6.4

115 In (ISTD) [No Gas]

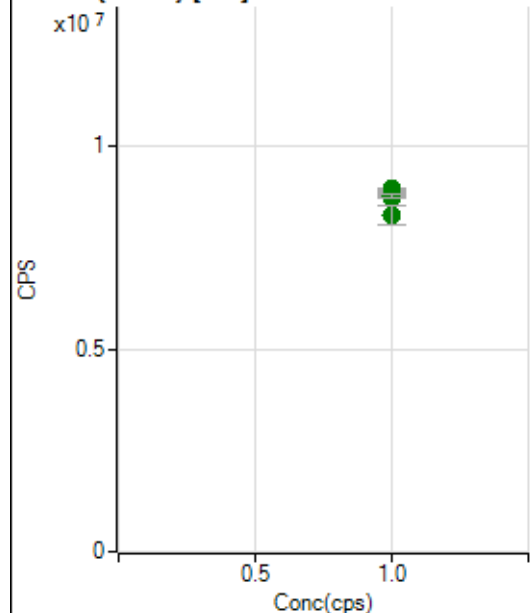
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11452535.71		A	0.9
2	☐	1.000		11549528.16		A	1.0
3	☐	1.000		11624889.94		A	0.2
4	☐	1.000		11543550.86		A	1.4
5	☐	1.000		11206292.19		A	0.5
6	☐	1.000		10784702.62		A	0.6
7	☐	1.000		10436575.31		A	0.3
8	☐	1.000		10045941.94		A	0.8

115 In (ISTD) [He]

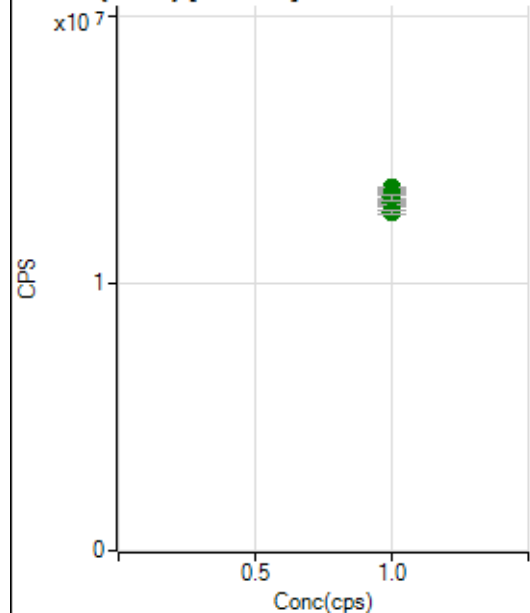
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3666923.44		A	0.7
2	☐	1.000		3660173.20		A	0.3
3	☐	1.000		3640802.39		A	0.7
4	☐	1.000		3599034.88		A	2.1
5	☐	1.000		3524264.74		A	0.6
6	☐	1.000		3361382.68		A	0.6
7	☐	1.000		3276179.65		A	0.5
8	☐	1.000		3201374.91		A	5.7

159 Tb (ISTD) [No Gas]

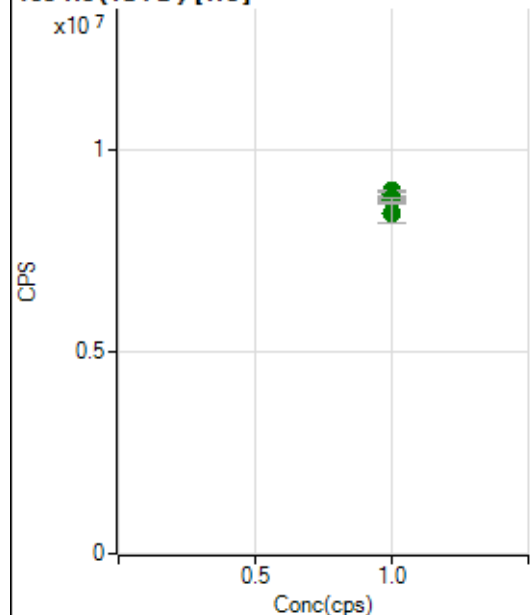
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13618863.96		A	0.9
2	☐	1.000		13711247.02		A	0.7
3	☐	1.000		13877805.07		A	1.0
4	☐	1.000		14012849.10		A	1.4
5	☐	1.000		14000832.01		A	0.1
6	☐	1.000		13831300.90		A	0.7
7	☐	1.000		13705188.13		A	0.1
8	☐	1.000		13129967.16		A	0.4

159 Tb (ISTD) [He]

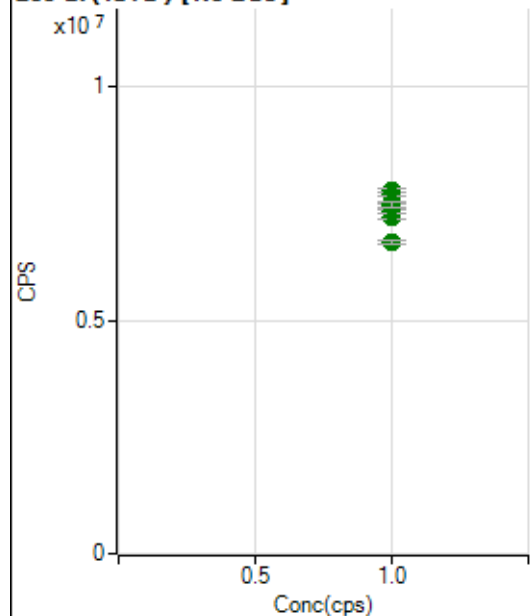
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8744398.62		A	0.7
2	☐	1.000		8808265.42		A	0.3
3	☐	1.000		8827612.09		A	0.9
4	☐	1.000		8873384.10		A	1.6
5	☐	1.000		8944311.12		A	0.5
6	☐	1.000		8845925.98		A	0.5
7	☐	1.000		8773346.54		A	0.8
8	☐	1.000		8292298.56		A	5.2

165 Ho (ISTD) [No Gas]

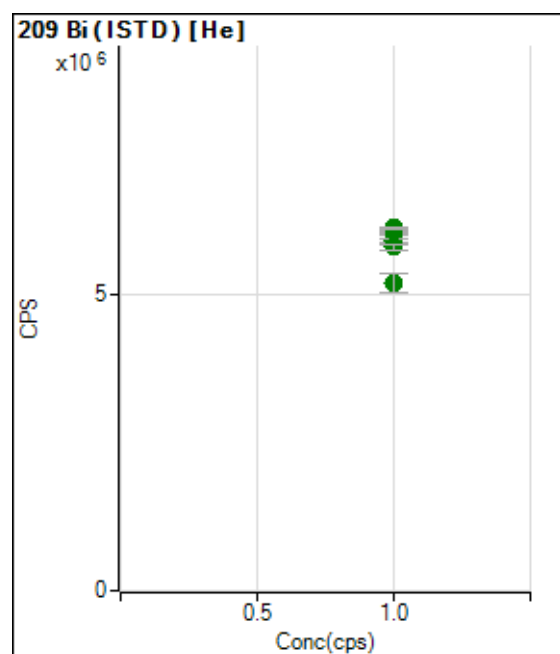
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12900681.61		A	1.2
2	☐	1.000		12984374.67		A	1.2
3	☐	1.000		13272696.33		A	1.9
4	☐	1.000		13518621.60		A	0.5
5	☐	1.000		13549007.99		A	0.5
6	☐	1.000		13347499.38		A	0.5
7	☐	1.000		13192803.14		A	1.4
8	☐	1.000		12643731.76		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8757440.49		A	1.0
2	☐	1.000		8895443.83		A	0.8
3	☐	1.000		8894102.92		A	1.3
4	☐	1.000		8922710.28		A	1.4
5	☐	1.000		8970520.28		A	0.4
6	☐	1.000		8795655.36		A	1.3
7	☐	1.000		8754682.51		A	1.4
8	☐	1.000		8417483.56		A	6.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7224164.27		A	1.4
2	☐	1.000		7337589.61		A	1.4
3	☐	1.000		7452291.42		A	1.0
4	☐	1.000		7699926.48		A	0.8
5	☐	1.000		7772303.70		A	0.9
6	☐	1.000		7650012.39		A	0.1
7	☐	1.000		7484508.50		A	1.7
8	☐	1.000		6670169.62		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6044054.42		A	1.4
2	☐	1.000		6057131.44		A	1.0
3	☐	1.000		6075251.65		A	1.3
4	☐	1.000		6110458.52		A	0.4
5	☐	1.000		6136473.59		A	0.8
6	☐	1.000		5926300.19		A	0.9
7	☐	1.000		5818188.80		A	1.7
8	☐	1.000		5200127.84		A	6.5