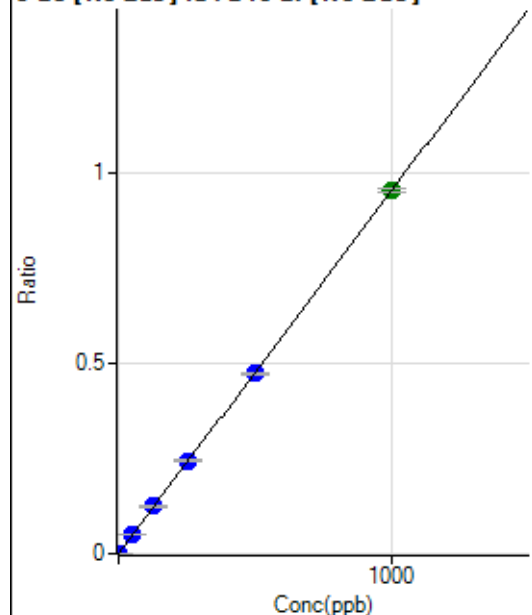


Batch Folder: D:\P8112918-MS.b\
Analysis File: P8112918-MS.batch.bin
DA Date-Time: 2018-11-29 14:37:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-11-29 13:37:10
2	004CALS.d	S01	2018-11-29 13:40:31
3	005CALS.d	S02	2018-11-29 13:44:35
4	006CALS.d	S03	2018-11-29 13:48:20
5	007CALS.d	S04	2018-11-29 13:52:04
6	008CALS.d	S05	2018-11-29 13:55:41
7	009CALS.d	S06	2018-11-29 13:59:13
8	011CALS.d	S07	2018-11-29 14:06:28
9	012CALS.d	S08	2018-11-29 14:09:47

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.15	0.0001	P	16.3
2	☐	0.100	0.092	207.41	0.0002	P	1.8
3	☐	1.000	1.038	1340.84	0.0011	P	6.5
4	☐	50.000	51.460	62474.68	0.0491	P	1.7
5	☐	125.000	129.957	156518.21	0.1238	P	2.3
6	☐	250.000	255.816	317047.26	0.2436	P	1.2
7	☐	500.000	495.755	632908.37	0.4721	P	1.2
8	☐	1000.000	999.976	1231091.80	0.9521	A	1.0
9	☐			390.76	0.0003	P	2.4

$$y = 9.5208\text{E-}004 * x + 7.9013\text{E-}005$$

$$R = 1.0000$$

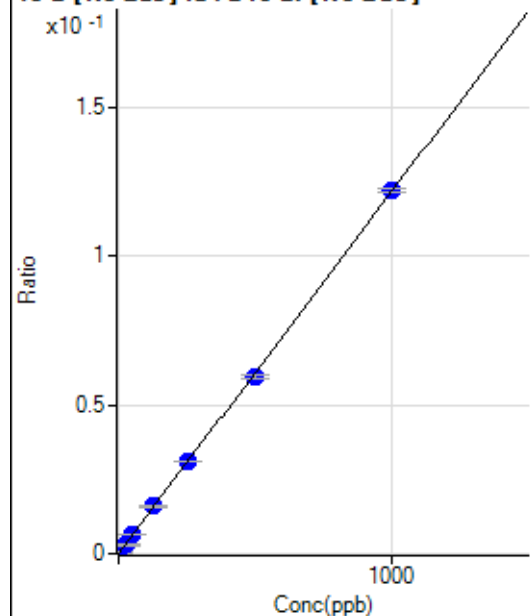
$$DL = 0.04047$$

$$BEC = 0.08299$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0001	P	16.0
2	☐	2.500	2.441	461.14	0.0004	P	11.6
3	☐	25.000	23.340	3650.63	0.0029	P	6.9
4	☐	50.000	51.161	7997.06	0.0063	P	2.4
5	☐	125.000	130.033	20048.15	0.0159	P	0.8
6	☐	250.000	255.063	40374.37	0.0310	P	0.4
7	☐	500.000	490.031	79816.98	0.0595	P	1.8
8	☐	1000.000	1003.073	157459.85	0.1218	P	1.0
9	☐			3406.09	0.0027	P	6.0

$$y = 1.2133\text{E-}004 * x + 7.3824\text{E-}005$$

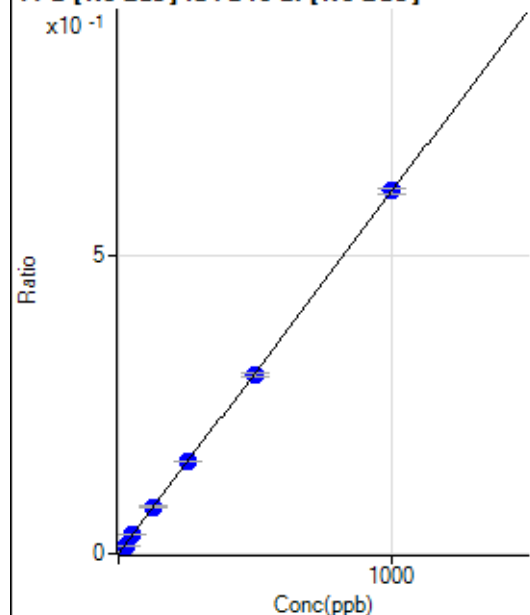
$$R = 0.9999$$

$$DL = 0.292$$

$$BEC = 0.6084$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.69	0.0004	P	6.2
2	☐	2.500	2.372	2258.62	0.0018	P	1.3
3	☐	25.000	22.932	17939.64	0.0143	P	0.9
4	☐	50.000	50.897	39761.81	0.0312	P	3.2
5	☐	125.000	129.421	99670.04	0.0788	P	1.4
6	☐	250.000	253.031	200108.19	0.1538	P	0.4
7	☐	500.000	493.728	401791.37	0.2997	P	1.3
8	☐	1000.000	1001.833	785720.65	0.6077	P	1.8
9	☐			16924.52	0.0134	P	7.0

$$y = 6.0620\text{E-}004 * x + 3.7570\text{E-}004$$

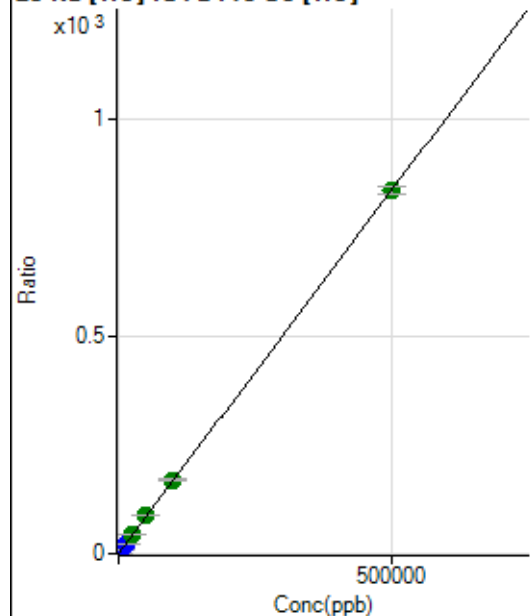
$$R = 1.0000$$

$$DL = 0.116$$

$$BEC = 0.6198$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6373.96	0.1327	P	4.1
2	☐	50.000	47.073	10215.18	0.2112	P	3.8
3	☐	500.000	477.233	45191.97	0.9286	P	1.4
4	☐	5000.000	5211.009	422178.36	8.8236	P	0.8
5	☐	12500.000	13062.262	1040218.82	21.9180	P	0.3
6	☐	25000.000	26326.983	2060092.97	44.0411	A	0.7
7	☐	50000.000	51914.867	3989589.24	86.7168	A	0.4
8	☐	100000.00	101808.68	7805614.93	169.9302	A	0.5
9	☐	500000.00	499364.28	38887997.75	832.9773	A	2.2

$$y = 0.0017 * x + 0.1327$$

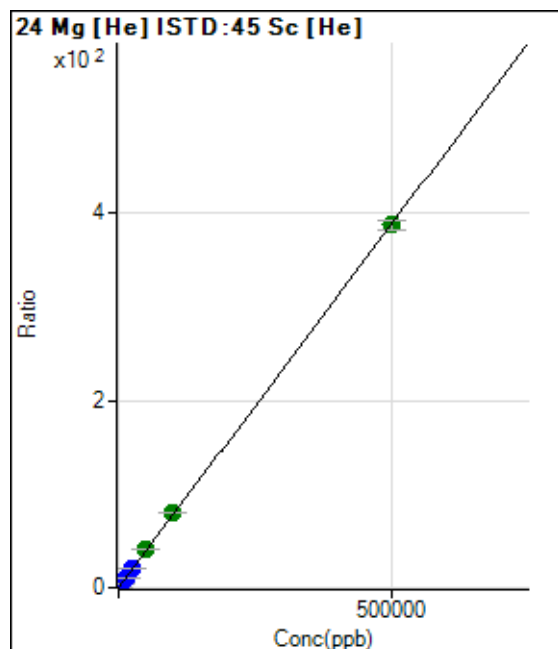
$$R = 1.0000$$

$$DL = 9.689$$

$$BEC = 79.55$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0050	P	22.9
2	☐	50.000	50.776	2153.04	0.0445	P	5.8
3	☐	500.000	478.357	18343.09	0.3769	P	3.2
4	☐	5000.000	5233.260	194874.35	4.0729	P	0.3
5	☐	12500.000	13165.066	485905.08	10.2383	P	0.5
6	☐	25000.000	26061.558	947797.12	20.2628	P	1.1
7	☐	50000.000	52935.351	1893328.75	41.1520	A	0.5
8	☐	100000.00	102557.98	3662215.97	79.7239	A	0.8
9	☐	500000.00	499122.85	18112539.81	387.9757	A	2.3

$$y = 7.7730\text{E-}004 * x + 0.0050$$

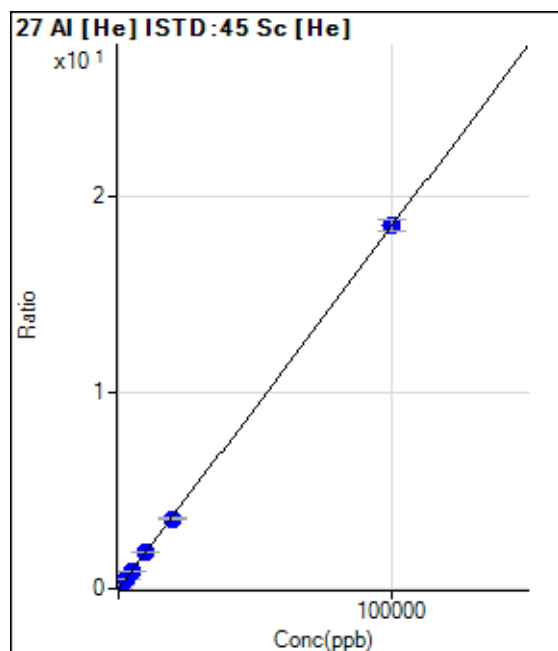
$$R = 1.0000$$

$$DL = 4.456$$

$$BEC = 6.486$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.01	0.0006	P	28.7
2	☐	2.000	1.197	40.85	0.0008	P	53.6
3	☐	20.000	22.726	234.23	0.0048	P	23.9
4	☐	1000.000	984.131	8708.27	0.1820	P	1.2
5	☐	2500.000	2510.303	21986.77	0.4633	P	0.4
6	☐	5000.000	4990.430	43048.86	0.9204	P	1.1
7	☐	10000.000	9894.656	83926.00	1.8242	P	0.6
8	☐	20000.000	19356.802	163898.33	3.5681	P	0.4
9	☐	100000.00	100139.55	861558.37	18.4565	P	3.1

$$y = 1.8430\text{E-}004 * x + 6.2426\text{E-}004$$

$$R = 1.0000$$

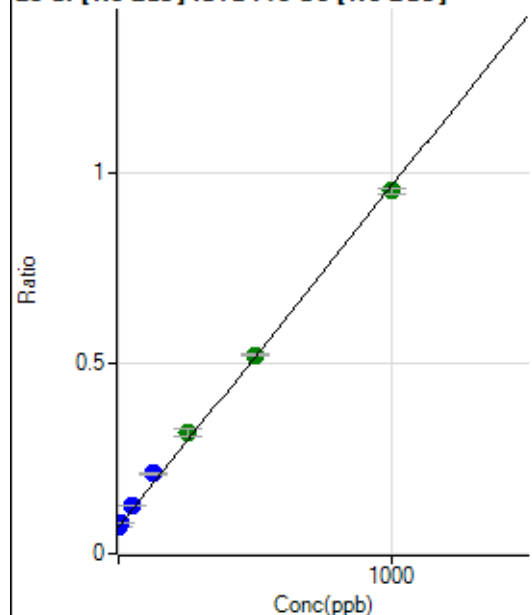
$$DL = 2.914$$

$$BEC = 3.387$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298989.61	0.0702	P	0.5
2	☐	1.000	2.585	305910.74	0.0725	P	0.6
3	☐	10.000	11.244	342131.42	0.0803	P	1.0
4	☐	50.000	61.096	535074.57	0.1250	P	0.1
5	☐	125.000	157.195	893790.26	0.2113	P	1.5
6	☐	250.000	277.280	1361671.76	0.3191	A	5.9
7	☐	500.000	505.422	2262104.41	0.5239	A	0.1
8	☐	1000.000	985.876	4035723.01	0.9552	A	1.7
9	☐			466983.44	0.1118	P	1.3

$$y = 8.9774\text{E-}004 * x + 0.0702$$

$$R = 0.9992$$

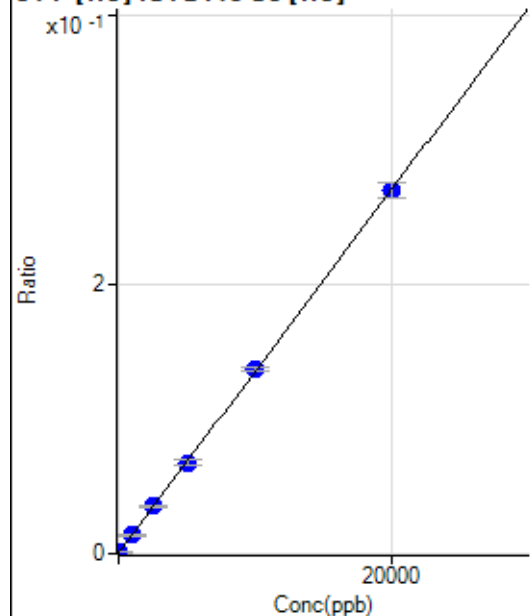
$$DL = 1.222$$

$$BEC = 78.16$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.964	8.33	0.0002	P	2.0
2	☐	0.000	-11.243	16.67	0.0003	P	86.7
3	☐	0.000	35.206	47.22	0.0010	P	10.6
4	☐	1000.000	1010.261	675.04	0.0141	P	8.6
5	☐	2500.000	2573.833	1669.62	0.0352	P	3.0
6	☐	5000.000	4963.615	3150.49	0.0674	P	6.5
7	☐	10000.000	10133.610	6304.46	0.1370	P	2.3
8	☐	20000.000	19932.549	12358.68	0.2691	P	4.2
9	☐			16.67	0.0004	P	51.4

$$y = 1.3475\text{E-}005 * x + 4.9625\text{E-}004$$

$$R = 1.0000$$

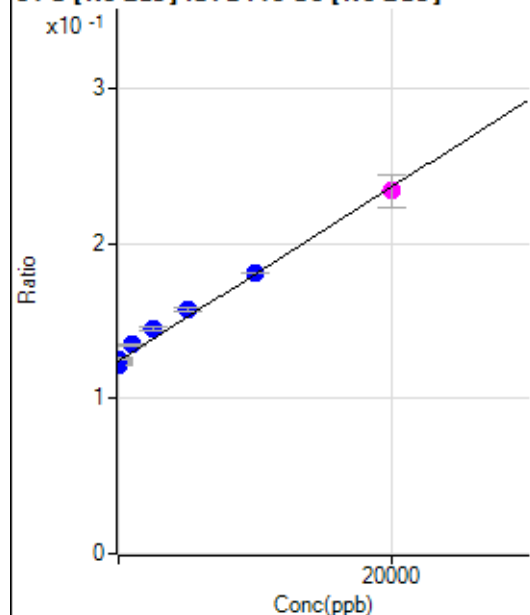
$$DL = 30.06$$

$$BEC = 36.83$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-389.874	519835.83	0.1220	P	0.5
2	☐	0.000	124.744	527020.03	0.1249	P	0.7
3	☐	0.000	265.129	535666.81	0.1257	P	1.5
4	☐	1000.000	1834.250	575514.76	0.1345	P	0.5
5	☐	2500.000	3744.472	614108.70	0.1452	P	1.6
6	☐	5000.000	5948.190	672318.33	0.1575	P	1.6
7	☐	10000.000	10056.113	779603.26	0.1806	P	0.2
8	☐	20000.000	19537.625	986885.22	0.2337	M	8.9
9	☐			484108.12	0.1159	P	2.3

$$y = 5.6061\text{E-}006 * x + 0.1242$$

$$R = 0.9965$$

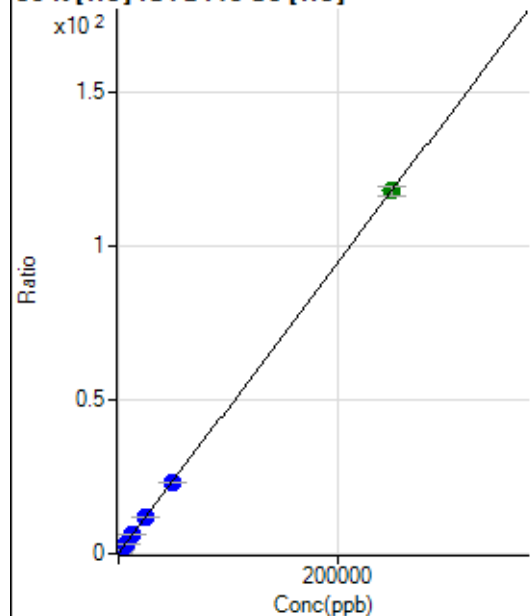
$$DL = 609.4$$

$$BEC = 2.215\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4781.60	0.0996	P	10.1
2	☐	50.000	44.984	5840.33	0.1207	P	2.2
3	☐	500.000	473.772	15684.37	0.3223	P	1.6
4	☐	2500.000	2586.568	62941.39	1.3155	P	0.8
5	☐	6250.000	6415.041	147844.68	3.1152	P	0.6
6	☐	12500.000	12609.396	281911.87	6.0270	P	0.9
7	☐	25000.000	24732.094	539453.64	11.7257	P	0.8
8	☐	50000.000	48828.157	1058911.46	23.0528	P	0.5
9	☐	250000.00	250250.75	5496457.63	117.7378	A	2.5

$$y = 4.7008\text{E-}004 * x + 0.0996$$

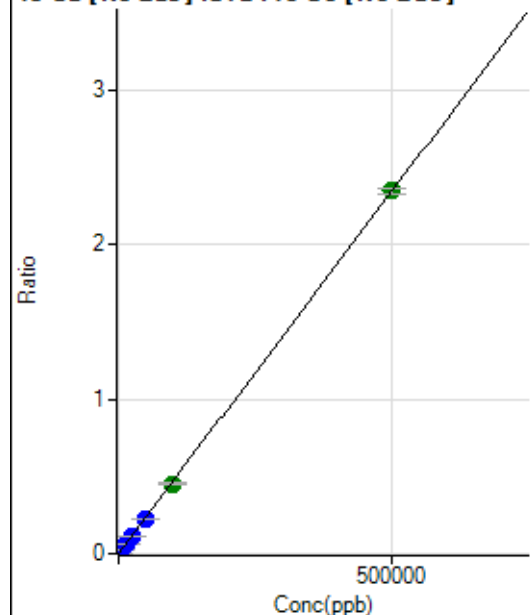
$$R = 1.0000$$

$$DL = 64.45$$

$$BEC = 211.9$$

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	561.15	0.0001	P	6.3
2	☐	50.000	61.334	1769.64	0.0004	P	2.5
3	☐	500.000	645.073	13457.08	0.0032	P	1.8
4	☐	5000.000	4820.154	97308.67	0.0227	P	1.3
5	☐	12500.000	12276.609	244097.38	0.0577	P	1.1
6	☐	25000.000	24030.478	481522.87	0.1128	P	1.3
7	☐	50000.000	47232.011	956897.75	0.2216	P	0.8
8	☐	100000.00	96029.158	1903021.92	0.4505	A	2.1
9	☐	500000.00	501126.68	9815605.69	2.3501	A	1.8

$$y = 4.6894\text{E-}006 * x + 1.3171\text{E-}004$$

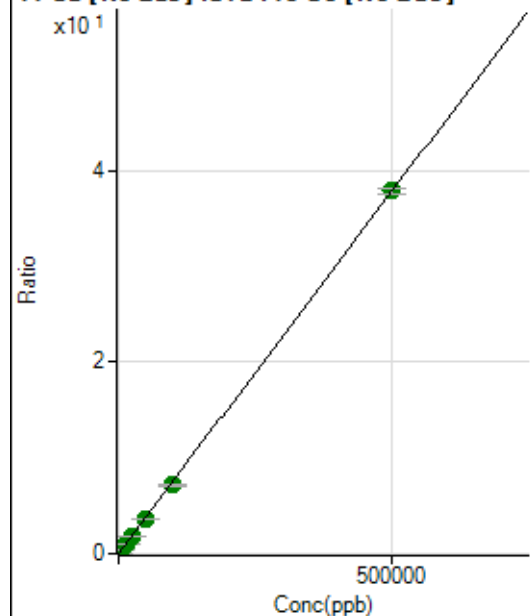
$$R = 1.0000$$

$$DL = 5.329$$

$$BEC = 28.09$$

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	22471.79	0.0053	P	1.4
2	☐	50.000	62.814	42262.38	0.0100	P	1.2
3	☐	500.000	627.988	224498.26	0.0527	P	1.6
4	☐	5000.000	4848.247	1588625.51	0.3712	A	1.2
5	☐	12500.000	12257.492	3935637.28	0.9303	A	1.2
6	☐	25000.000	24149.950	7801618.23	1.8279	A	1.1
7	☐	50000.000	46968.285	15327776.73	3.5500	A	0.3
8	☐	100000.00	94585.870	30182342.34	7.1437	A	0.8
9	☐	500000.00	501435.95	158077225.7	37.8487	A	1.9

$$y = 7.5470\text{E-}005 * x + 0.0053$$

$$R = 0.9999$$

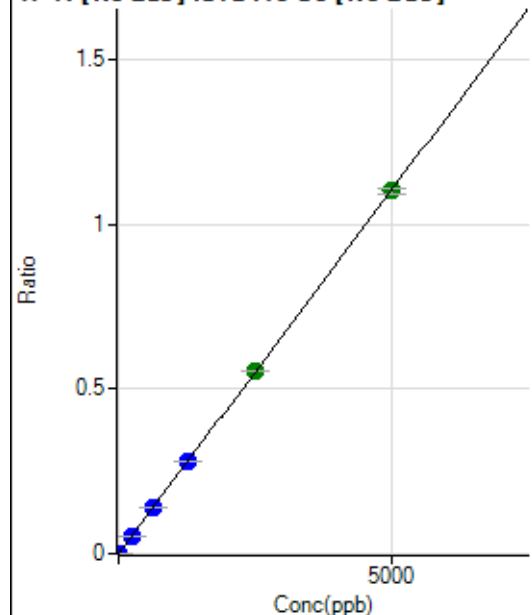
$$DL = 2.846$$

$$BEC = 69.88$$

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	177.79	0.0000	P	12.0
2	☐	0.500	0.413	561.15	0.0001	P	13.8
3	☐	5.000	4.645	4553.73	0.0011	P	7.7
4	☐	250.000	248.911	235594.84	0.0550	P	0.8
5	☐	625.000	637.042	595689.27	0.1408	P	0.8
6	☐	1250.000	1262.932	1191331.88	0.2791	P	0.4
7	☐	2500.000	2509.105	2394196.24	0.5545	A	0.4
8	☐	5000.000	4990.764	4659663.17	1.1029	A	1.3
9	☐			2122.48	0.0005	P	2.7

$$y = 2.2097\text{E-}004 * x + 4.1731\text{E-}005$$

$$R = 1.0000$$

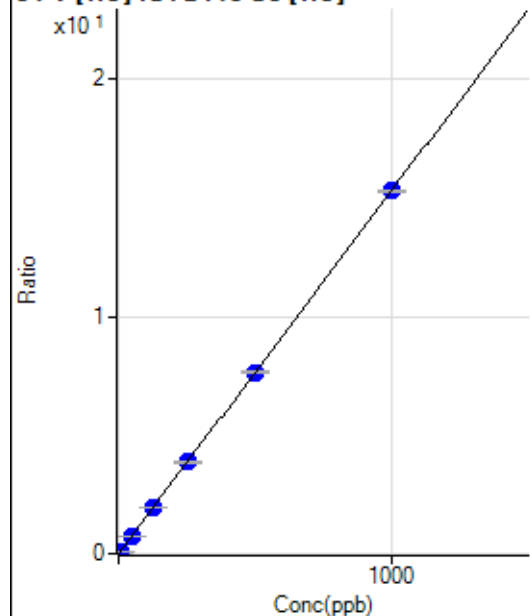
$$DL = 0.06807$$

$$BEC = 0.1888$$

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	14.45	0.0003	P	25.2
2	☐	0.500	0.481	370.01	0.0077	P	10.5
3	☐	5.000	4.837	3614.97	0.0743	P	2.0
4	☐	50.000	50.055	36642.50	0.7658	P	0.7
5	☐	125.000	125.357	91002.92	1.9175	P	0.7
6	☐	250.000	252.381	180557.70	3.8602	P	1.2
7	☐	500.000	499.035	351135.85	7.6326	P	1.4
8	☐	1000.000	999.841	702436.50	15.2919	P	0.7
9	☐			264.45	0.0057	P	18.5

$$y = 0.0153 * x + 2.9967\text{E-}004$$

$$R = 1.0000$$

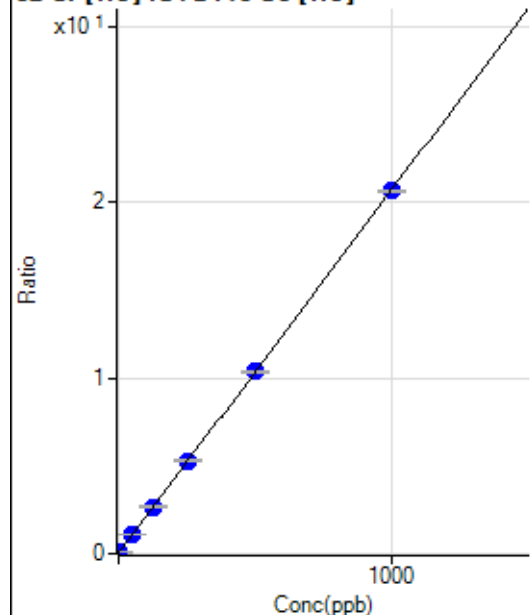
$$DL = 0.01483$$

$$BEC = 0.01959$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	920.05	0.0192	P	4.3
2	☐	0.200	0.147	1073.39	0.0222	P	6.7
3	☐	2.000	1.959	2904.80	0.0597	P	3.9
4	☐	50.000	50.812	51204.47	1.0702	P	0.5
5	☐	125.000	128.761	127312.24	2.6825	P	0.2
6	☐	250.000	254.444	247066.33	5.2823	P	1.9
7	☐	500.000	501.213	477844.94	10.3866	P	1.0
8	☐	1000.000	997.772	948920.59	20.6578	P	0.6
9	☐			40236.67	0.8619	P	2.4

$$y = 0.0207 * x + 0.0192$$

$$R = 1.0000$$

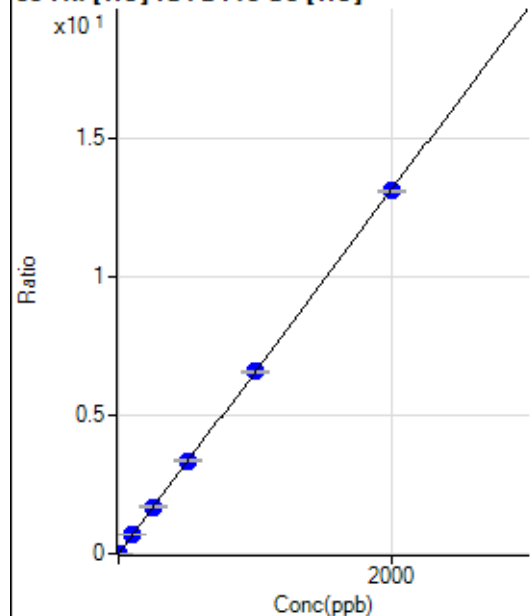
$$DL = 0.1181$$

$$BEC = 0.9259$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0006	P	12.5
2	☐	0.100	0.097	61.11	0.0013	P	32.1
3	☐	1.000	1.102	382.23	0.0079	P	12.8
4	☐	100.000	103.655	32577.03	0.6809	P	1.3
5	☐	250.000	258.727	80610.94	1.6985	P	0.2
6	☐	500.000	512.285	157273.79	3.3625	P	1.5
7	☐	1000.000	1002.722	302762.76	6.5810	P	1.1
8	☐	2000.000	1994.294	601198.01	13.0881	P	0.5
9	☐			4354.09	0.0933	P	2.4

$$y = 0.0066 * x + 6.2483E-004$$

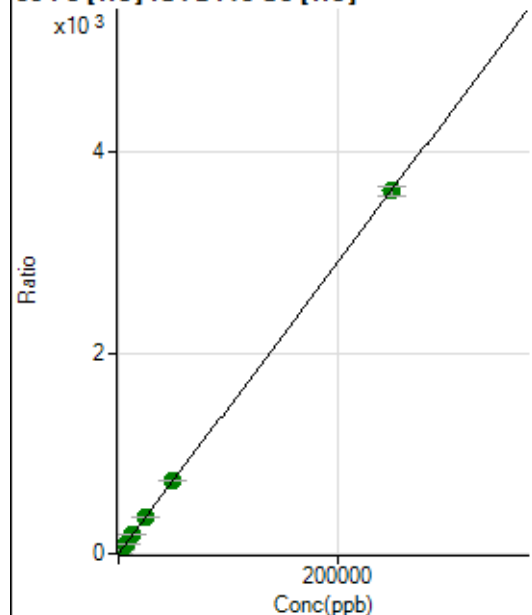
$$R = 1.0000$$

$$DL = 0.03561$$

$$BEC = 0.09521$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1896.49	0.0395	P	7.2
2	☐	5.000	5.198	5549.42	0.1147	P	2.3
3	☐	50.000	51.485	38191.69	0.7848	P	2.2
4	☐	2500.000	2631.483	1824689.77	38.1367	A	1.0
5	☐	6250.000	6490.291	4461298.13	94.0024	A	0.8
6	☐	12500.000	12874.830	8720292.44	186.4343	A	1.1
7	☐	25000.000	25433.030	16941780.24	368.2452	A	0.4
8	☐	50000.000	50594.550	33647874.36	732.5201	A	0.7
9	☐	250000.00	249811.72	168843955.6	3,616.679	A	2.3

$$y = 0.0145 * x + 0.0395$$

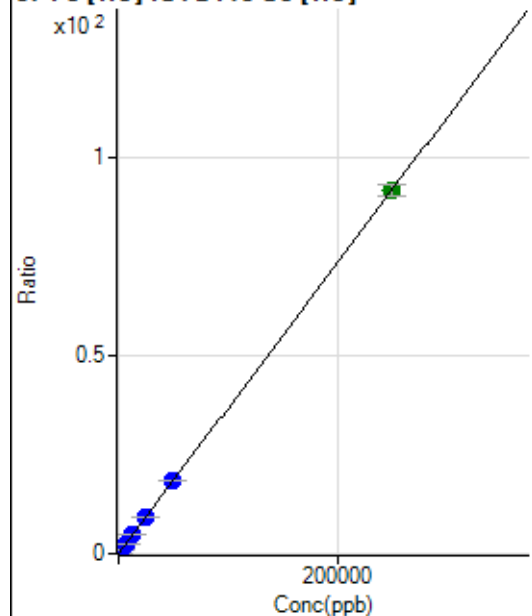
$$R = 1.0000$$

$$DL = 0.593$$

$$BEC = 2.727$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0012	P	28.1
2	☐	5.000	6.351	172.23	0.0036	P	5.7
3	☐	50.000	51.818	985.25	0.0202	P	10.5
4	☐	2500.000	2624.359	46115.54	0.9638	P	1.1
5	☐	6250.000	6456.621	112451.74	2.3694	P	0.1
6	☐	12500.000	12844.306	220414.85	4.7123	P	1.2
7	☐	25000.000	25391.757	428521.94	9.3145	P	0.9
8	☐	50000.000	50263.360	846902.81	18.4370	P	0.7
9	☐	250000.00	249884.52	4278449.92	91.6546	A	3.2

$$y = 3.6678E-004 * x + 0.0012$$

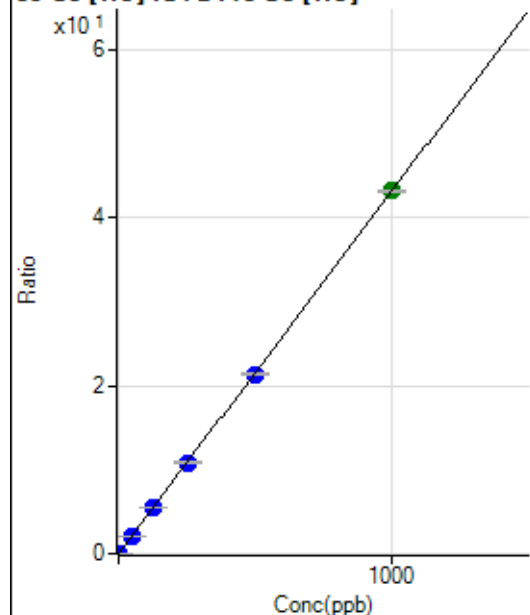
$$R = 1.0000$$

$$DL = 2.826$$

$$BEC = 3.357$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0019	P	12.7
2	☐	0.100	0.075	245.56	0.0051	P	5.2
3	☐	1.000	0.894	1969.07	0.0404	P	8.3
4	☐	50.000	50.231	103794.04	2.1693	P	0.7
5	☐	125.000	125.512	257121.37	5.4177	P	0.5
6	☐	250.000	251.357	507400.20	10.8480	P	1.4
7	☐	500.000	495.647	984023.29	21.3892	P	1.1
8	☐	1000.000	1001.762	1985676.01	43.2282	A	0.8
9	☐			24604.20	0.5271	P	4.2

$$y = 0.0432 * x + 0.0019$$

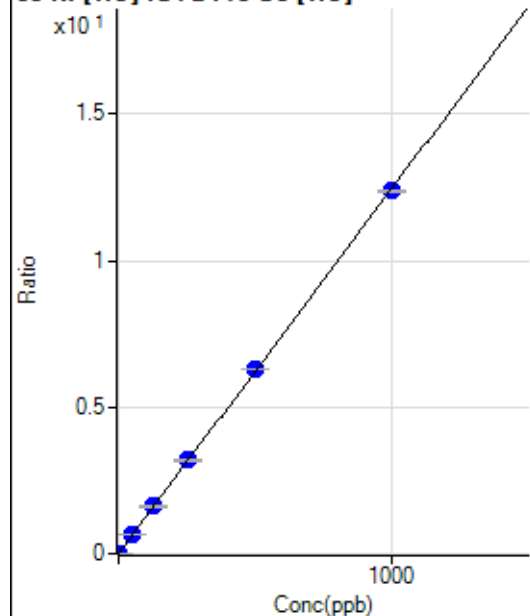
$$R = 1.0000$$

$$DL = 0.01642$$

$$BEC = 0.04292$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0014	P	24.8
2	☐	0.100	0.107	133.34	0.0028	P	21.8
3	☐	1.000	0.943	640.03	0.0132	P	4.5
4	☐	50.000	51.811	30904.45	0.6459	P	0.6
5	☐	125.000	129.549	76545.54	1.6129	P	0.7
6	☐	250.000	256.921	149543.90	3.1973	P	1.5
7	☐	500.000	505.481	289338.09	6.2891	P	0.7
8	☐	1000.000	994.870	568511.64	12.3766	P	0.3
9	☐			20424.10	0.4375	P	3.4

$$y = 0.0124 * x + 0.0014$$

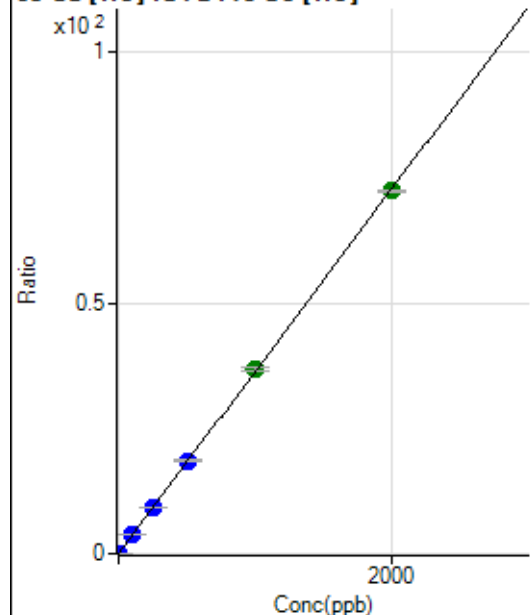
$$R = 0.9999$$

$$DL = 0.08554$$

$$BEC = 0.1148$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	871.16	0.0181	P	1.4
2	☐	0.200	0.154	1146.74	0.0237	P	0.4
3	☐	2.000	1.808	4080.66	0.0838	P	1.1
4	☐	100.000	101.150	176762.86	3.6944	P	0.5
5	☐	250.000	252.847	436998.10	9.2078	P	0.2
6	☐	500.000	507.824	864104.82	18.4749	P	1.6
7	☐	1000.000	1012.882	1694451.38	36.8311	A	1.4
8	☐	2000.000	1991.190	3325006.16	72.3874	A	0.8
9	☐			9347.73	0.2002	P	3.0

$$y = 0.0363 * x + 0.0181$$

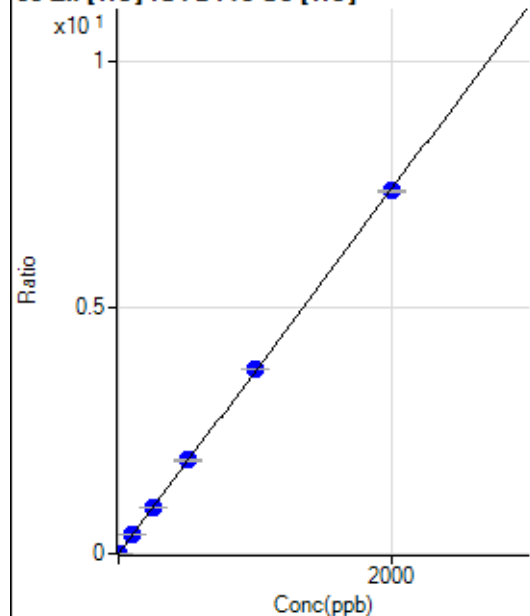
$$R = 1.0000$$

$$DL = 0.02055$$

$$BEC = 0.4987$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0008	P	40.0
2	☐	0.200	0.246	83.34	0.0017	P	19.9
3	☐	2.000	1.850	373.35	0.0077	P	11.3
4	☐	100.000	104.861	18643.86	0.3897	P	2.9
5	☐	250.000	256.213	45132.34	0.9510	P	0.2
6	☐	500.000	513.481	89104.08	1.9050	P	1.6
7	☐	1000.000	1010.482	172438.98	3.7481	P	0.5
8	☐	2000.000	1990.369	339085.26	7.3819	P	0.2
9	☐			4112.91	0.0881	P	6.0

$$y = 0.0037 * x + 8.1143E-004$$

$$R = 1.0000$$

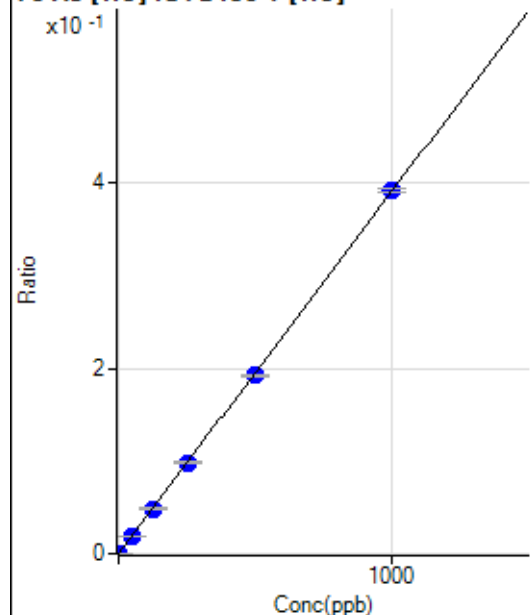
$$DL = 0.2624$$

$$BEC = 0.2188$$

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	3.09	0.0000	P	91.4
2	☐	0.100	0.063	11.11	0.0000	P	50.2
3	☐	1.000	1.042	137.65	0.0004	P	14.5
4	☐	50.000	49.568	6374.37	0.0193	P	1.0
5	☐	125.000	124.483	15953.13	0.0486	P	1.5
6	☐	250.000	250.952	31461.11	0.0979	P	1.4
7	☐	500.000	493.474	61093.41	0.1925	P	1.4
8	☐	1000.000	1003.111	122203.43	0.3914	P	1.0
9	☐			219.76	0.0007	P	11.6

$$y = 3.9013\text{E-}004 * x + 9.3630\text{E-}006$$

$$R = 1.0000$$

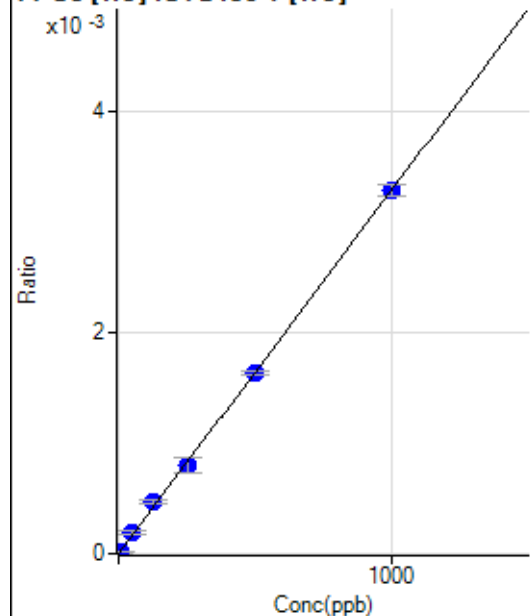
$$DL = 0.06577$$

$$BEC = 0.024$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	4.115	4.44	0.0000	P	114.
3	☐	5.000	6.122	6.67	0.0000	P	49.6
4	☐	50.000	58.569	63.33	0.0002	P	22.9
5	☐	125.000	143.211	154.45	0.0005	P	9.2
6	☐	250.000	245.606	258.90	0.0008	P	17.5
7	☐	500.000	499.384	520.02	0.0016	P	2.1
8	☐	1000.000	998.694	1023.39	0.0033	P	3.3
9	☐			5.56	0.0000	P	35.7

$$y = 3.2818\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

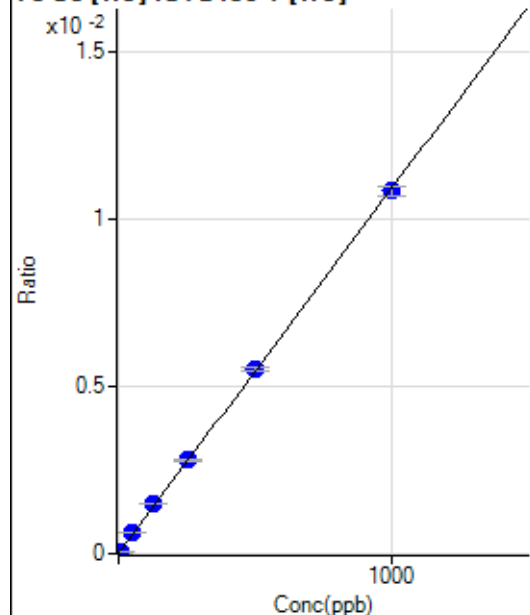
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.08	0.0000	P	35.3
2	☐	0.500	0.170	3.70	0.0000	P	99.9
3	☐	5.000	4.950	20.99	0.0001	P	31.5
4	☐	50.000	57.867	211.11	0.0006	P	3.8
5	☐	125.000	135.224	487.67	0.0015	P	0.7
6	☐	250.000	255.954	900.65	0.0028	P	2.4
7	☐	500.000	505.898	1754.45	0.0055	P	1.7
8	☐	1000.000	993.892	3389.34	0.0109	P	2.7
9	☐			1.85	0.0000	P	99.8

$$y = 1.0910\text{E-}005 * x + 9.4095\text{E-}006$$

$$R = 0.9999$$

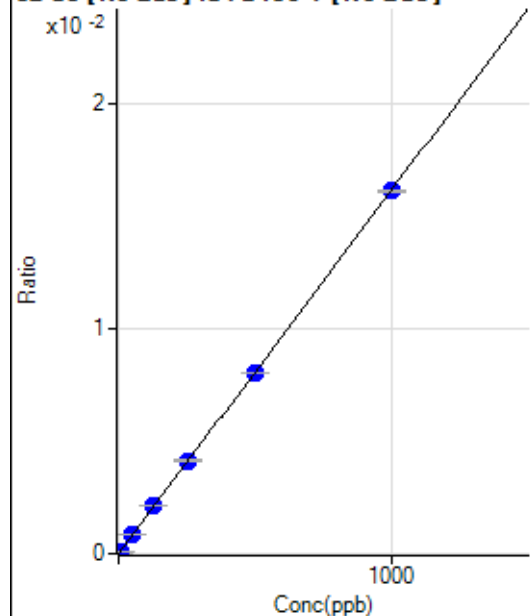
$$DL = 0.9121$$

$$BEC = 0.8624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-37.67	0.0000	P	-41.
2	☐	0.500	0.517	17.64	0.0000	P	337.
3	☐	5.000	5.382	541.97	0.0001	P	15.6
4	☐	50.000	51.424	5486.58	0.0008	P	2.5
5	☐	125.000	131.937	14246.25	0.0021	P	0.9
6	☐	250.000	256.247	28323.59	0.0041	P	1.2
7	☐	500.000	498.673	56690.96	0.0080	P	0.4
8	☐	1000.000	998.162	111555.96	0.0161	P	0.6
9	☐			149.76	0.0000	P	47.9

$$y = 1.6140\text{E-}005 * x - 5.6601\text{E-}006$$

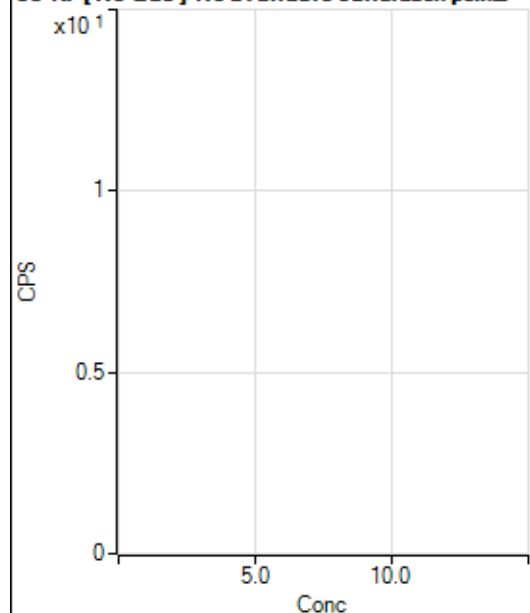
$$R = 1.0000$$

$$DL = 0.4359$$

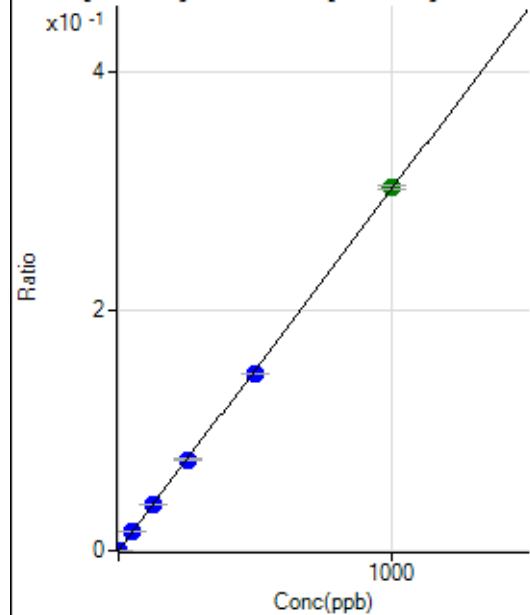
$$BEC = -0.3507$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1072.28		P	3.1
2	☐			1092.29		P	5.1
3	☐			1036.73		P	4.5
4	☐			1135.63		P	11.4
5	☐			1025.61		P	4.1
6	☐			1010.06		P	4.1
7	☐			1108.95		P	6.0
8	☐			1058.95		P	11.1
9	☐			1058.95		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1589.06	0.0002	P	10.0
2	☐	0.100	0.109	1800.21	0.0003	P	2.2
3	☐	1.000	0.917	3439.49	0.0005	P	6.8
4	☐	50.000	50.078	102076.78	0.0153	P	0.7
5	☐	125.000	126.479	257381.13	0.0384	P	0.7
6	☐	250.000	251.652	521925.85	0.0761	P	0.9
7	☐	500.000	490.239	1043421.63	0.1480	P	0.2
8	☐	1000.000	1004.279	2098846.05	0.3030	A	0.9
9	☐			11130.02	0.0016	P	3.7

$$y = 3.0148\text{E-}004 * x + 2.3912\text{E-}004$$

$$R = 0.9999$$

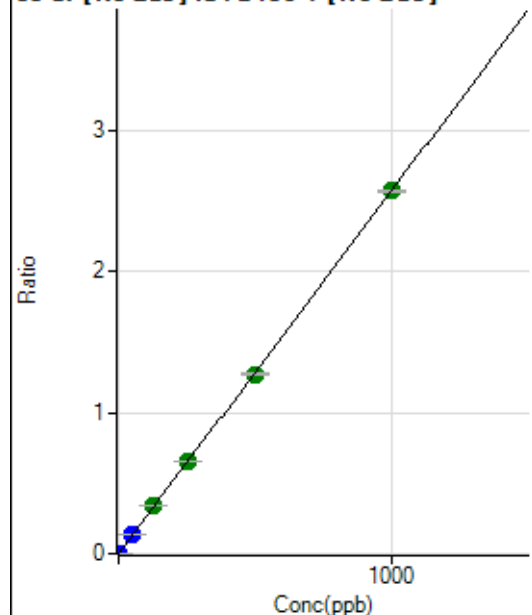
$$DL = 0.2385$$

$$BEC = 0.7932$$

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	88.89	0.0000	P	34.6
2	☐	0.100	0.100	1786.31	0.0003	P	1.2
3	☐	1.000	0.928	15985.03	0.0024	P	2.2
4	☐	50.000	51.051	873608.34	0.1313	P	1.2
5	☐	125.000	131.471	2267436.31	0.3380	A	0.6
6	☐	250.000	256.035	4514366.03	0.6583	A	0.5
7	☐	500.000	495.262	8974763.92	1.2733	A	0.4
8	☐	1000.000	999.999	17807865.33	2.5709	A	0.8
9	☐			84642.85	0.0125	P	1.6

$$y = 0.0026 * x + 1.3344E-005$$

$$R = 0.9999$$

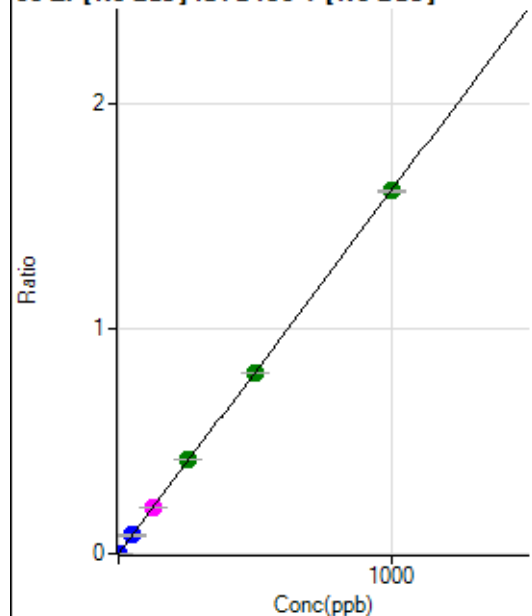
$$DL = 0.005389$$

$$BEC = 0.00519$$

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	580.60	0.0001	P	7.0
2	☐	0.100	0.095	1591.83	0.0002	P	4.8
3	☐	1.000	0.893	10173.68	0.0015	P	4.4
4	☐	50.000	50.355	540865.83	0.0813	P	1.0
5	☐	125.000	128.310	1388168.42	0.2069	M	0.4
6	☐	250.000	257.662	2849279.60	0.4155	A	0.6
7	☐	500.000	498.438	5664377.30	0.8036	A	0.6
8	☐	1000.000	998.434	11149716.40	1.6097	A	0.8
9	☐			5773.69	0.0009	P	1.9

$$y = 0.0016 * x + 8.7273E-005$$

$$R = 1.0000$$

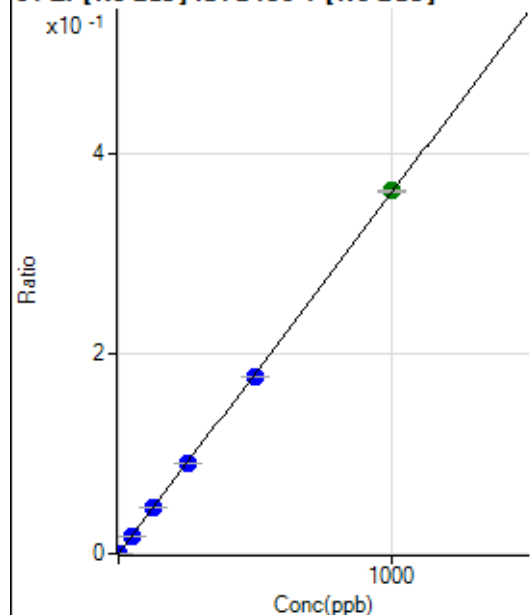
$$DL = 0.01137$$

$$BEC = 0.05414$$

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	155.56	0.0000	P	31.0
2	☐	0.100	0.064	308.35	0.0000	P	25.3
3	☐	1.000	0.924	2380.88	0.0004	P	3.5
4	☐	50.000	49.915	120135.16	0.0181	P	0.8
5	☐	125.000	126.638	306951.18	0.0458	P	0.3
6	☐	250.000	250.821	621384.51	0.0906	P	0.6
7	☐	500.000	488.975	1244872.83	0.1766	P	0.2
8	☐	1000.000	1005.107	2514536.99	0.3630	A	0.7
9	☐			1389.03	0.0002	P	2.5

$$y = 3.6115\text{E-}004 * x + 2.3397\text{E-}005$$

$$R = 0.9999$$

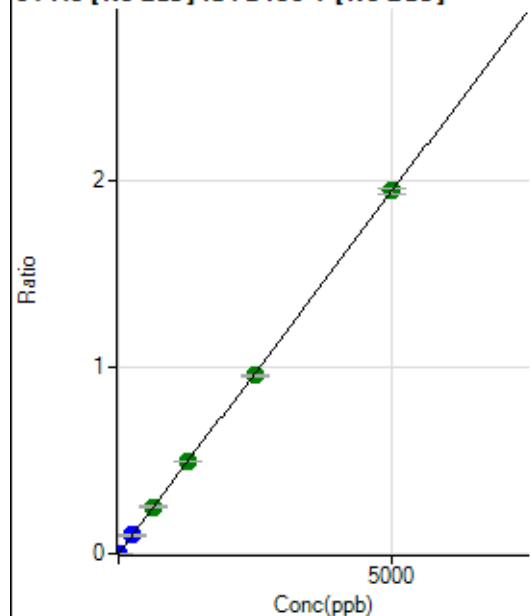
$$DL = 0.06027$$

$$BEC = 0.06479$$

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	222.24	0.0000	P	38.0
2	☐	0.500	0.438	1347.35	0.0002	P	13.0
3	☐	5.000	4.884	12881.67	0.0019	P	1.8
4	☐	250.000	253.080	655070.34	0.0984	P	0.8
5	☐	625.000	648.983	1692682.33	0.2523	A	1.2
6	☐	1250.000	1273.701	3396321.65	0.4952	A	0.4
7	☐	2500.000	2462.430	6747924.98	0.9574	A	0.5
8	☐	5000.000	5009.708	13490715.58	1.9477	A	1.3
9	☐			16404.94	0.0024	P	1.6

$$y = 3.8877\text{E-}004 * x + 3.3492\text{E-}005$$

$$R = 0.9999$$

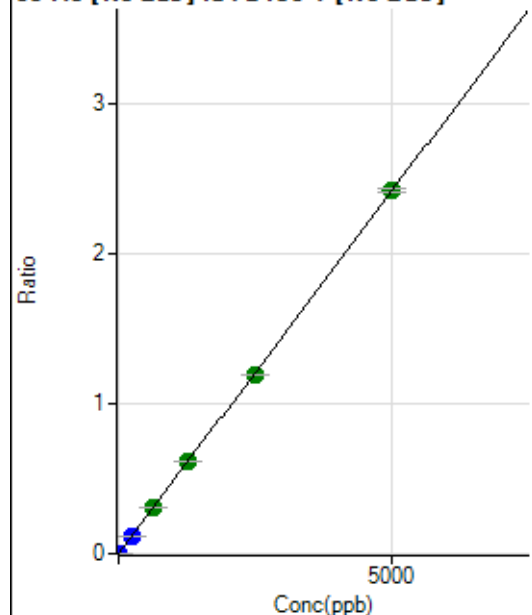
$$DL = 0.09819$$

$$BEC = 0.08615$$

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	61.11	0.0000	P	15.9
2	☐	0.500	0.476	1580.73	0.0002	P	5.0
3	☐	5.000	4.749	15331.48	0.0023	P	4.3
4	☐	250.000	249.597	801411.82	0.1204	P	0.8
5	☐	625.000	644.142	2084341.06	0.3107	A	1.3
6	☐	1250.000	1272.477	4209594.23	0.6138	A	1.0
7	☐	2500.000	2469.155	8395436.73	1.1911	A	0.6
8	☐	5000.000	5007.431	16731784.92	2.4155	A	1.1
9	☐			25499.97	0.0038	P	2.4

$$y = 4.8239E-004 * x + 9.1913E-006$$

$$R = 1.0000$$

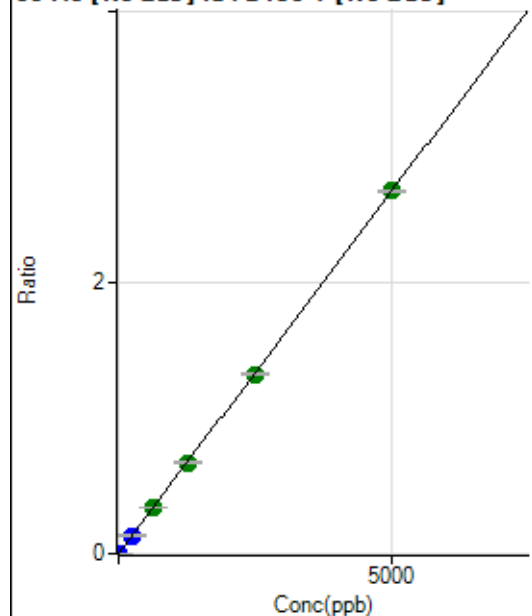
$$DL = 0.00906$$

$$BEC = 0.01905$$

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	144.45	0.0000	P	21.0
2	☐	0.500	0.494	1889.11	0.0003	P	7.0
3	☐	5.000	4.795	17219.97	0.0026	P	2.7
4	☐	250.000	251.923	895940.02	0.1346	P	0.1
5	☐	625.000	645.737	2314296.47	0.3450	A	0.6
6	☐	1250.000	1260.165	4617244.68	0.6733	A	0.7
7	☐	2500.000	2475.743	9323007.50	1.3227	A	0.6
8	☐	5000.000	5006.899	18529152.84	2.6750	A	0.5
9	☐			28775.79	0.0042	P	0.5

$$y = 5.3425E-004 * x + 2.1693E-005$$

$$R = 1.0000$$

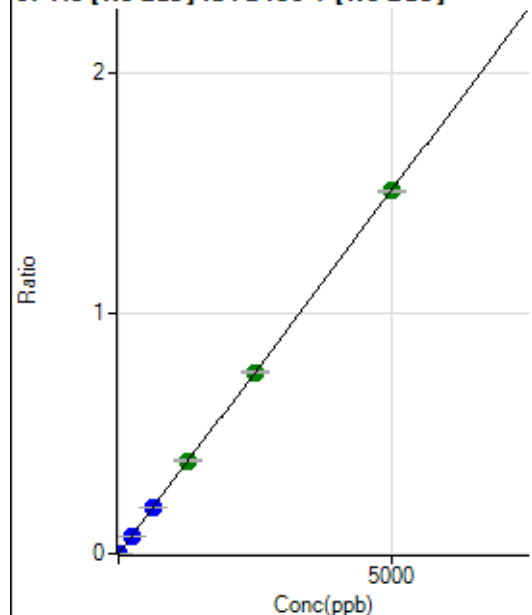
$$DL = 0.02559$$

$$BEC = 0.0406$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	67.9
2	☐	0.500	0.445	975.08	0.0001	P	11.7
3	☐	5.000	4.710	9587.11	0.0014	P	5.1
4	☐	250.000	250.671	504905.60	0.0759	P	0.3
5	☐	625.000	633.908	1286710.61	0.1918	P	0.8
6	☐	1250.000	1282.325	2661177.71	0.3880	A	0.4
7	☐	2500.000	2492.947	5316824.60	0.7543	A	0.7
8	☐	5000.000	4994.298	10467764.90	1.5112	A	0.5
9	☐			15965.69	0.0024	P	4.5

$$y = 3.0258\text{E-}004 * x + 1.2915\text{E-}005$$

$$R = 1.0000$$

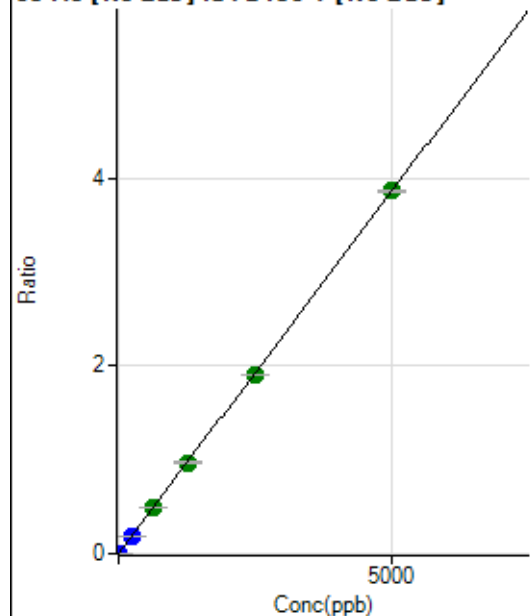
$$DL = 0.0869$$

$$BEC = 0.04268$$

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	127.79	0.0000	P	35.0
2	☐	0.500	0.475	2550.37	0.0004	P	15.9
3	☐	5.000	4.723	24406.27	0.0037	P	3.9
4	☐	250.000	250.097	1284036.99	0.1929	P	0.5
5	☐	625.000	642.726	3325418.33	0.4958	A	1.3
6	☐	1250.000	1259.919	6664522.33	0.9718	A	1.2
7	☐	2500.000	2472.966	13444503.43	1.9074	A	0.1
8	☐	5000.000	5008.817	26760911.71	3.8633	A	0.4
9	☐			40280.42	0.0059	P	1.3

$$y = 7.7131\text{E-}004 * x + 1.9171\text{E-}005$$

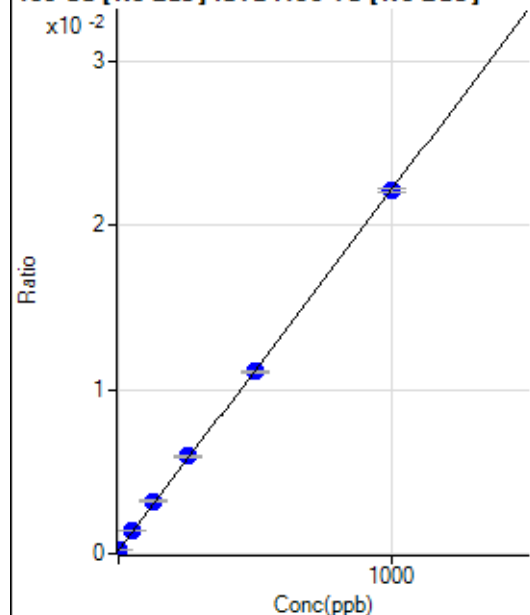
$$R = 1.0000$$

$$DL = 0.02609$$

$$BEC = 0.02486$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1427.92	0.0002	P	8.9
2	☐	0.100	0.042	1455.71	0.0002	P	8.8
3	☐	1.000	0.622	1550.17	0.0002	P	12.1
4	☐	50.000	55.147	10510.08	0.0014	P	3.0
5	☐	125.000	136.319	24244.92	0.0032	P	3.9
6	☐	250.000	261.479	47445.73	0.0059	P	1.9
7	☐	500.000	496.174	94622.64	0.0111	P	0.9
8	☐	1000.000	997.371	185942.10	0.0221	P	1.0
9	☐			1677.96	0.0002	P	5.9

$$y = 2.1938\text{E-}005 * x + 1.9846\text{E-}004$$

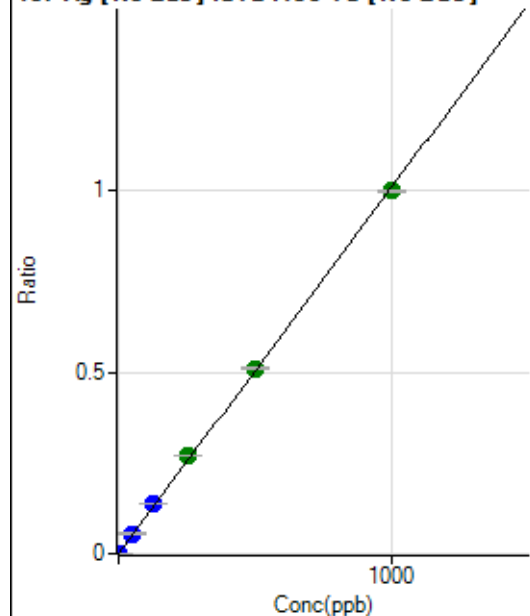
$$R = 0.9999$$

$$DL = 2.422$$

$$BEC = 9.047$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	45.7
2	☐	0.100	0.090	733.39	0.0001	P	7.9
3	☐	1.000	1.024	7633.06	0.0010	P	6.0
4	☐	50.000	54.942	414059.19	0.0555	P	1.1
5	☐	125.000	138.307	1061640.44	0.1396	P	1.0
6	☐	250.000	267.479	2158882.21	0.2700	A	1.1
7	☐	500.000	506.283	4363501.23	0.5111	A	0.2
8	☐	1000.000	990.578	8421452.44	1.0000	A	0.7
9	☐			1527.93	0.0002	P	18.2

$$y = 0.0010 * x + 1.0014\text{E-}005$$

$$R = 0.9997$$

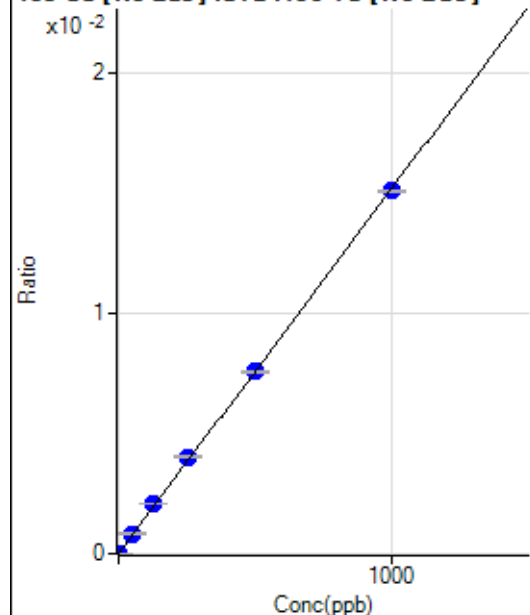
$$DL = 0.01361$$

$$BEC = 0.00992$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.94	0.0000	P	34.7
2	☐	0.100	0.087	16.67	0.0000	P	0.8
3	☐	1.000	1.160	136.12	0.0000	P	31.2
4	☐	50.000	54.807	6205.73	0.0008	P	2.6
5	☐	125.000	136.452	15728.88	0.0021	P	1.2
6	☐	250.000	265.450	32169.16	0.0040	P	0.7
7	☐	500.000	499.528	64631.96	0.0076	P	0.9
8	☐	1000.000	994.701	126950.74	0.0151	P	0.2
9	☐			38.89	0.0000	P	23.2

$$y = 1.5154\text{E-}005 * x + 9.6607\text{E-}007$$

$$R = 0.9998$$

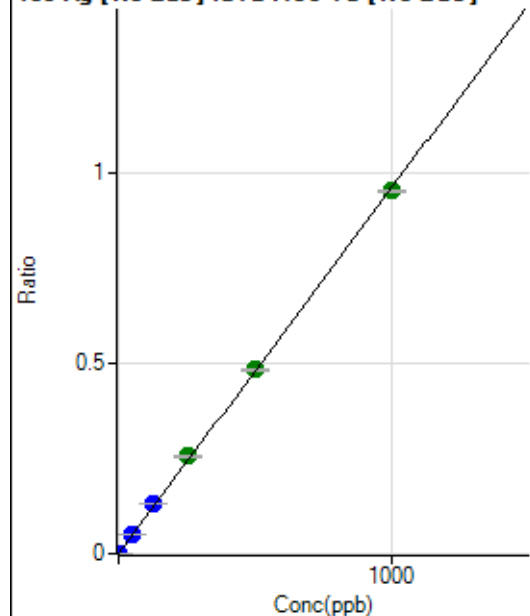
$$DL = 0.06643$$

$$BEC = 0.06375$$

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	22.22	0.0000	P	78.0
2	☐	0.100	0.099	713.94	0.0001	P	1.6
3	☐	1.000	0.991	6979.94	0.0010	P	6.6
4	☐	50.000	54.677	391259.45	0.0524	P	0.2
5	☐	125.000	136.877	997634.86	0.1312	P	0.8
6	☐	250.000	266.873	2045311.05	0.2558	A	1.4
7	☐	500.000	503.632	4121644.80	0.4828	A	0.6
8	☐	1000.000	992.247	8010444.88	0.9512	A	0.5
9	☐			1272.35	0.0002	P	23.5

$$y = 9.5859\text{E-}004 * x + 3.0842\text{E-}006$$

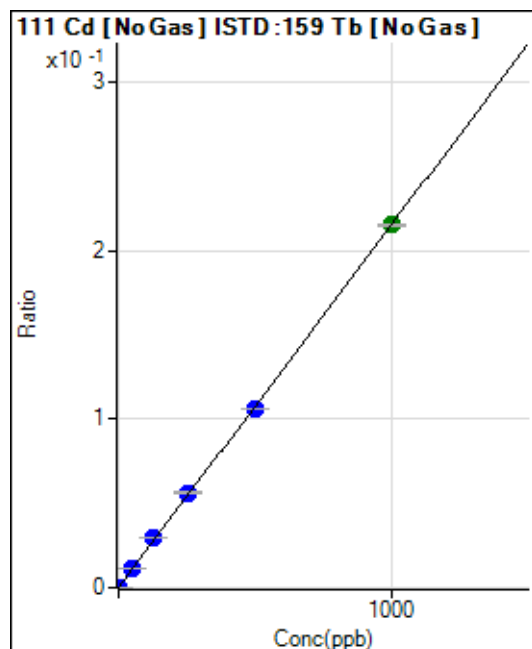
$$R = 0.9998$$

$$DL = 0.007527$$

$$BEC = 0.003217$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	998.85	0.0001	P	9.2
2	☐	0.100	0.077	1133.72	0.0002	P	5.2
3	☐	1.000	0.909	2445.51	0.0003	P	4.7
4	☐	50.000	53.725	87238.78	0.0117	P	0.7
5	☐	125.000	134.915	221556.70	0.0291	P	0.4
6	☐	250.000	261.415	450372.67	0.0563	P	0.9
7	☐	500.000	491.727	903575.47	0.1058	P	0.7
8	☐	1000.000	999.857	1811232.79	0.2151	A	0.8
9	☐			1547.37	0.0002	P	4.6

$$y = 2.1495\text{E-}004 * x + 1.3883\text{E-}004$$

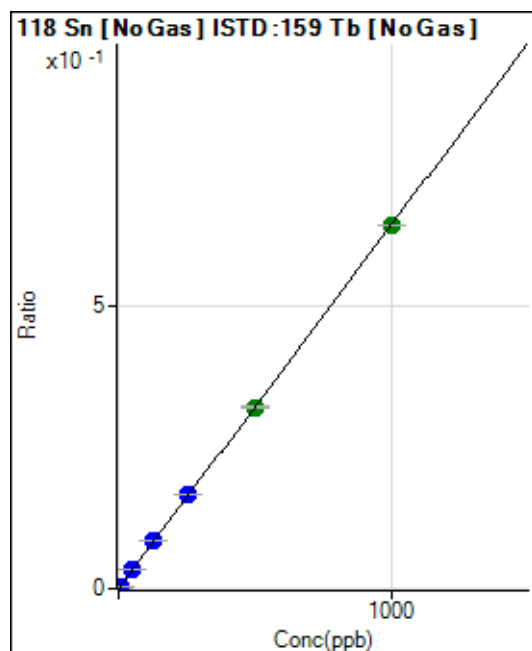
$$R = 0.9998$$

$$DL = 0.1774$$

$$BEC = 0.6458$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	436.14	0.0001	P	23.2
2	☐	0.500	0.487	2728.38	0.0004	P	5.4
3	☐	5.000	5.043	24197.73	0.0033	P	0.5
4	☐	50.000	52.929	254803.35	0.0341	P	1.3
5	☐	125.000	133.974	656305.88	0.0863	P	0.3
6	☐	250.000	260.137	1339532.72	0.1675	P	1.0
7	☐	500.000	499.063	2743631.92	0.3214	A	0.7
8	☐	1000.000	996.666	5404603.16	0.6417	A	0.1
9	☐			9979.17	0.0012	P	1.4

$$y = 6.4383\text{E-}004 * x + 6.0561\text{E-}005$$

$$R = 0.9999$$

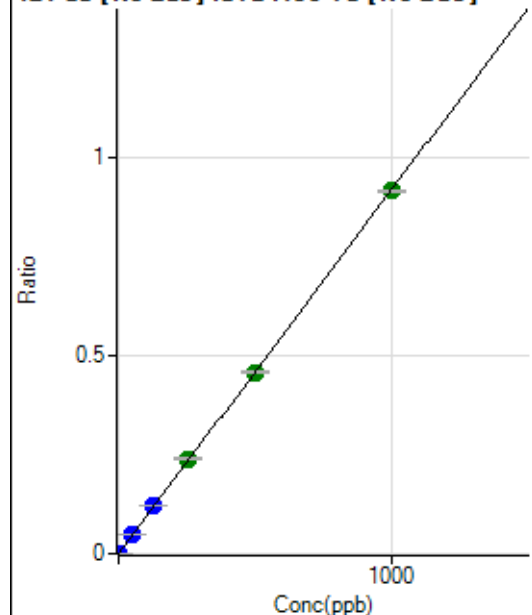
$$DL = 0.06549$$

$$BEC = 0.09406$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	48.4
2	☐	0.200	0.172	1230.67	0.0002	P	4.6
3	☐	2.000	1.879	12695.44	0.0017	P	1.6
4	☐	50.000	52.362	358945.30	0.0481	P	1.1
5	☐	125.000	132.758	926901.97	0.1219	P	0.8
6	☐	250.000	261.007	1916058.09	0.2397	A	1.6
7	☐	500.000	498.036	3904105.95	0.4573	A	0.8
8	☐	1000.000	997.143	7710584.37	0.9156	A	0.4
9	☐			12806.72	0.0016	P	4.9

$$y = 9.1819\text{E-}004 * x + 1.0433\text{E-}005$$

$$R = 0.9999$$

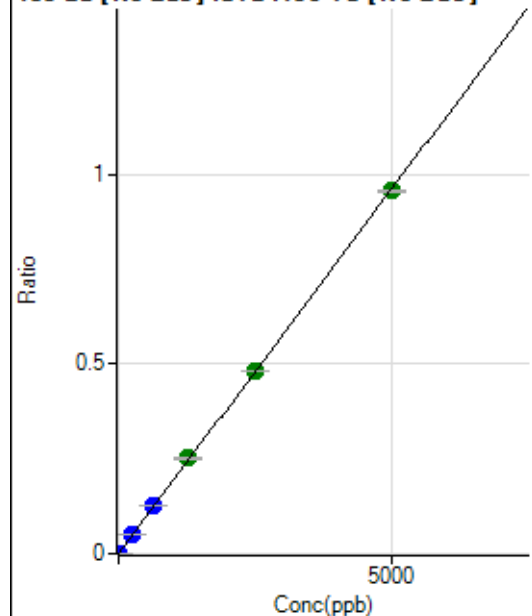
$$DL = 0.01649$$

$$BEC = 0.01136$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.2
2	☐	1.000	0.956	1397.36	0.0002	P	7.1
3	☐	10.000	9.839	13885.61	0.0019	P	2.1
4	☐	250.000	262.991	377174.79	0.0505	P	1.4
5	☐	625.000	659.411	963282.22	0.1267	P	0.8
6	☐	1250.000	1309.613	2011627.32	0.2516	A	1.1
7	☐	2500.000	2504.350	4107649.96	0.4811	A	0.7
8	☐	5000.000	4977.971	8054269.19	0.9564	A	0.7
9	☐			1464.04	0.0002	P	2.3

$$y = 1.9212\text{E-}004 * x + 7.7284\text{E-}006$$

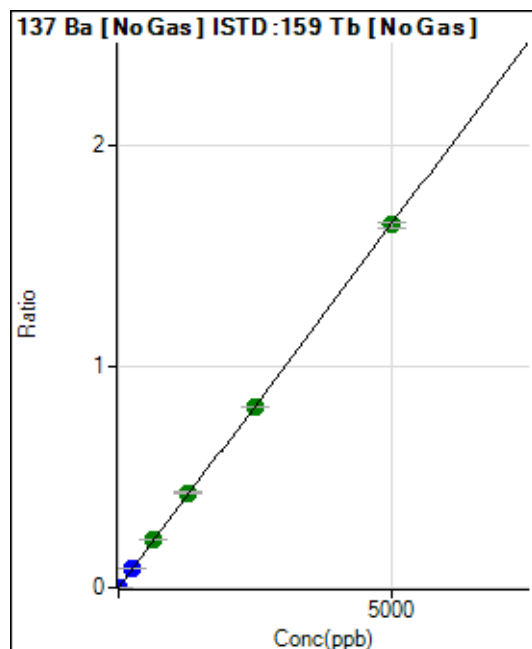
$$R = 0.9999$$

$$DL = 0.03765$$

$$BEC = 0.04023$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	51.3
2	☐	1.000	0.967	2380.89	0.0003	P	5.4
3	☐	10.000	9.942	23997.84	0.0033	P	1.1
4	☐	250.000	260.393	639637.79	0.0857	P	1.3
5	☐	625.000	665.514	1665147.56	0.2190	A	1.6
6	☐	1250.000	1305.095	3433472.60	0.4295	A	1.8
7	☐	2500.000	2486.200	6984757.54	0.8182	A	0.8
8	☐	5000.000	4987.542	13821465.59	1.6413	A	1.3
9	☐			2769.86	0.0003	P	6.7

$$y = 3.2907\text{E-}004 * x + 8.1011\text{E-}006$$

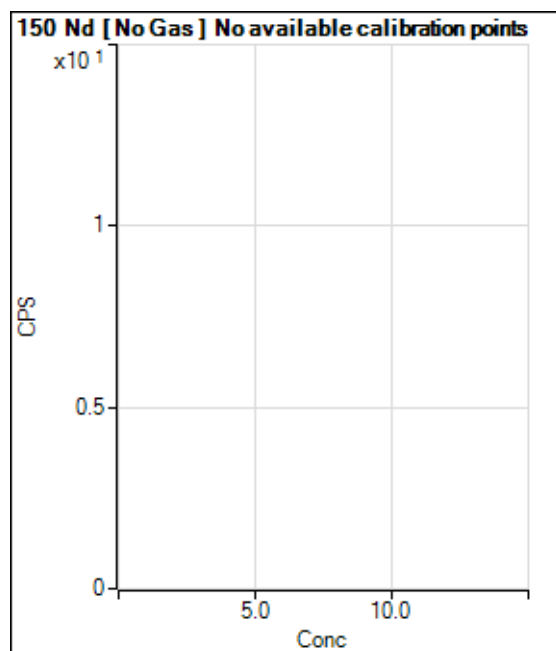
$$R = 0.9999$$

$$DL = 0.03786$$

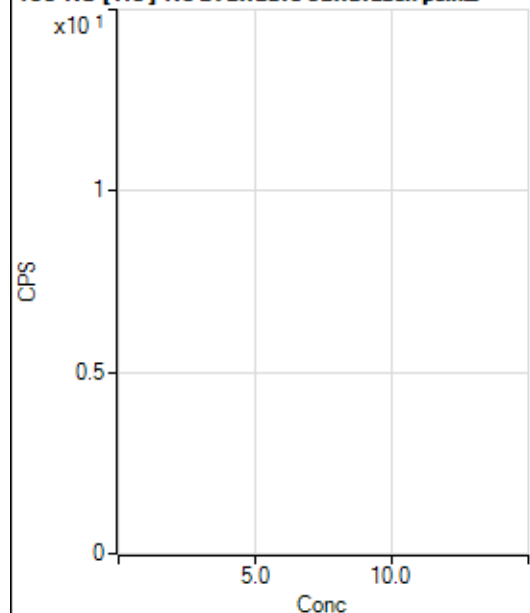
$$BEC = 0.02462$$

Weight: <None>

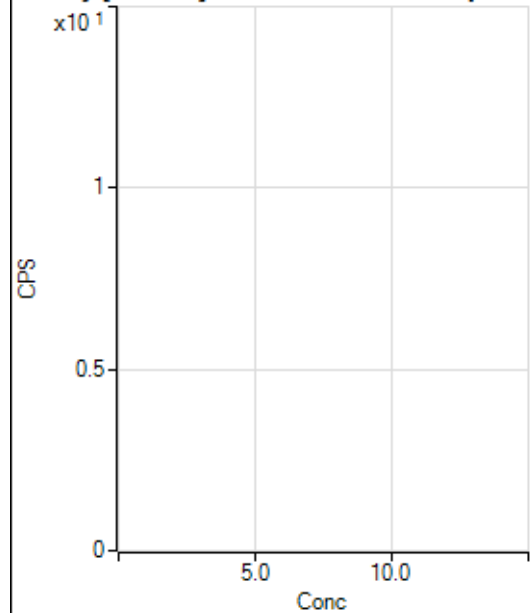
Min Conc: 0



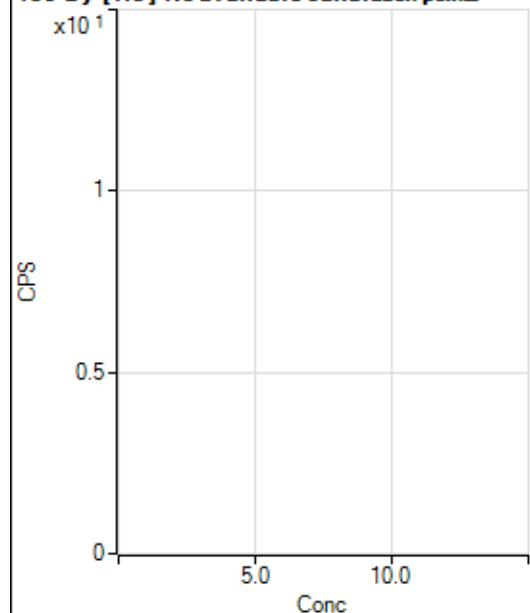
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	0.0
2	☐			6.67		P	100.
3	☐			6.67		P	100.
4	☐			33.33		P	20.0
5	☐			42.23		P	32.9
6	☐			102.23		P	33.5
7	☐			175.56		P	15.8
8	☐			342.24		P	8.8
9	☐			142.23		P	11.8

150 Nd [He] No available calibration points

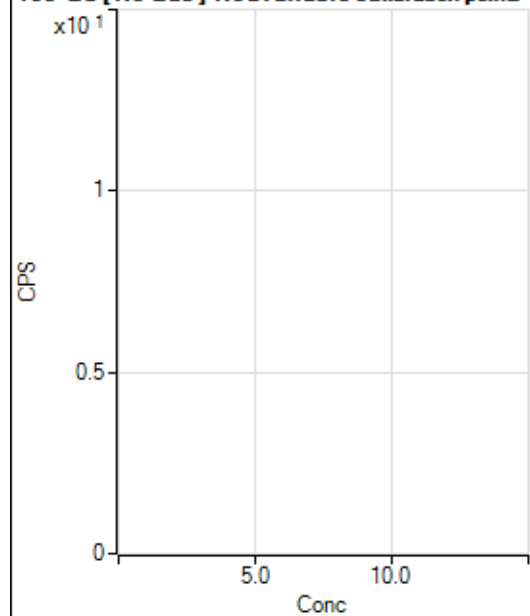
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			6.67		P	0.0
7	☐			10.00		P	66.7
8	☐			15.55		P	24.8
9	☐			26.67		P	45.1

156 Dy [No Gas] No available calibration points

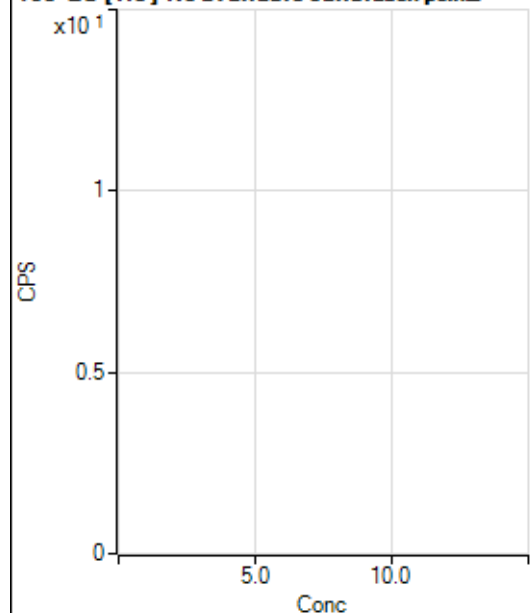
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	91.7
2	☐			27.78		P	34.6
3	☐			19.45		P	24.7
4	☐			13.89		P	91.6
5	☐			36.11		P	13.3
6	☐			44.45		P	39.0
7	☐			69.45		P	42.1
8	☐			125.01		P	17.6
9	☐			58.34		P	14.3

156 Dy [He] No available calibration points

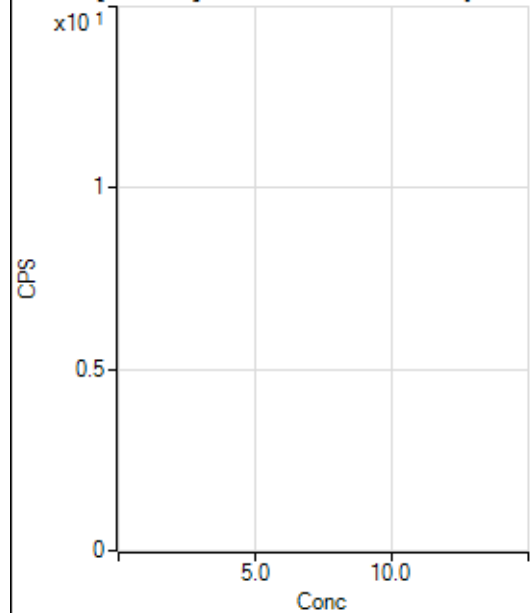
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			2.22		P	86.6
4	☐			4.44		P	114.
5	☐			4.44		P	43.4
6	☐			3.33		P	100.
7	☐			6.67		P	86.6
8	☐			5.56		P	34.7
9	☐			21.11		P	32.9

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

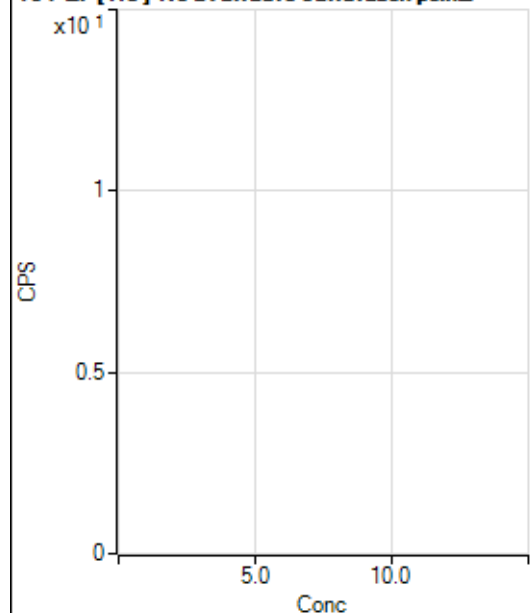
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	40.5
2	☐			55.56		P	60.6
3	☐			83.34		P	36.1
4	☐			80.56		P	21.5
5	☐			63.89		P	58.8
6	☐			58.34		P	24.7
7	☐			63.89		P	45.8
8	☐			91.67		P	15.7
9	☐			102.78		P	18.7

160 Gd [He] No available calibration points

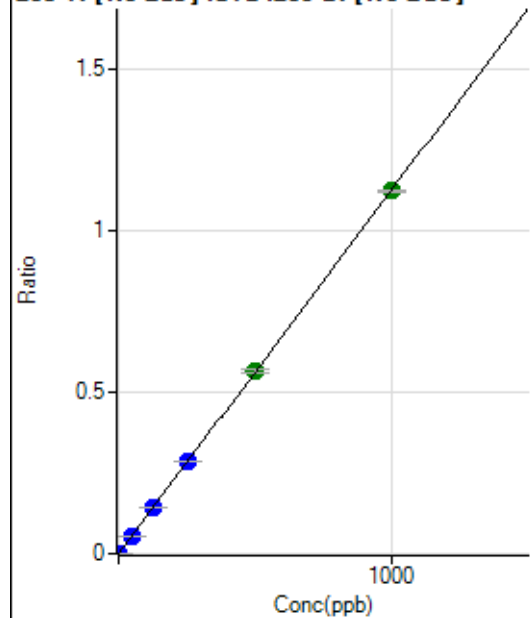
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			13.33		P	50.0
3	☐			10.00		P	33.3
4	☐			8.89		P	21.6
5	☐			7.78		P	107.
6	☐			13.33		P	43.3
7	☐			17.78		P	54.1
8	☐			21.11		P	32.9
9	☐			23.33		P	14.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			33.34		P	0.0
3	☐			38.89		P	24.7
4	☐			30.55		P	15.7
5	☐			44.45		P	78.1
6	☐			36.11		P	26.7
7	☐			44.44		P	43.3
8	☐			44.45		P	43.3
9	☐			38.89		P	44.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			4.44		P	114.
3	☐			3.33		P	100.
4	☐			13.33		P	NaN
5	☐			8.89		P	21.6
6	☐			13.33		P	25.0
7	☐			13.33		P	25.0
8	☐			3.33		P	100.
9	☐			16.67		P	60.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	58.3
2	☐	0.100	0.088	516.70	0.0001	P	7.0
3	☐	1.000	0.924	4748.36	0.0011	P	2.9
4	☐	50.000	49.207	254039.91	0.0555	P	1.0
5	☐	125.000	125.675	665175.33	0.1416	P	1.0
6	☐	250.000	253.326	1408412.91	0.2854	P	1.3
7	☐	500.000	502.058	2976043.99	0.5656	A	1.3
8	☐	1000.000	998.095	5840880.51	1.1245	A	0.6
9	☐			4217.59	0.0009	P	6.7

$$y = 0.0011 * x + 1.7596E-005$$

$$R = 1.0000$$

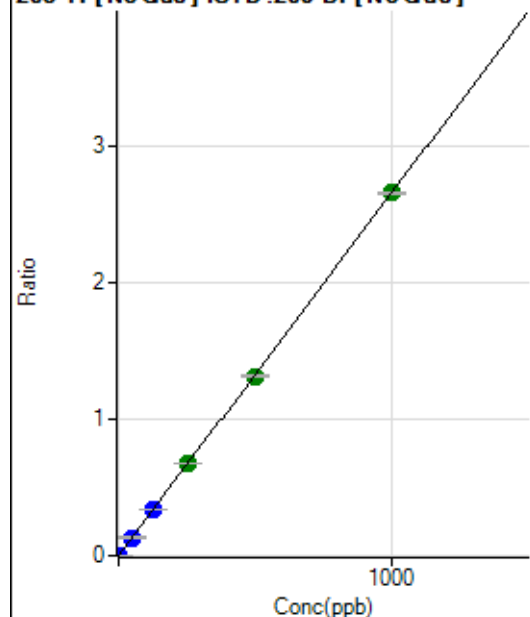
$$DL = 0.0273$$

$$BEC = 0.01562$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	48.2
2	☐	0.100	0.090	1186.23	0.0003	P	3.2
3	☐	1.000	0.924	11155.49	0.0025	P	5.0
4	☐	50.000	50.059	610288.66	0.1332	P	1.3
5	☐	125.000	127.329	1591486.77	0.3388	P	1.5
6	☐	250.000	255.956	3360767.15	0.6810	A	0.5
7	☐	500.000	495.669	6939081.06	1.3188	A	1.0
8	☐	1000.000	1000.383	13825712.63	2.6617	A	0.7
9	☐			10215.72	0.0021	P	2.4

$$y = 0.0027 * x + 2.8431E-005$$

$$R = 1.0000$$

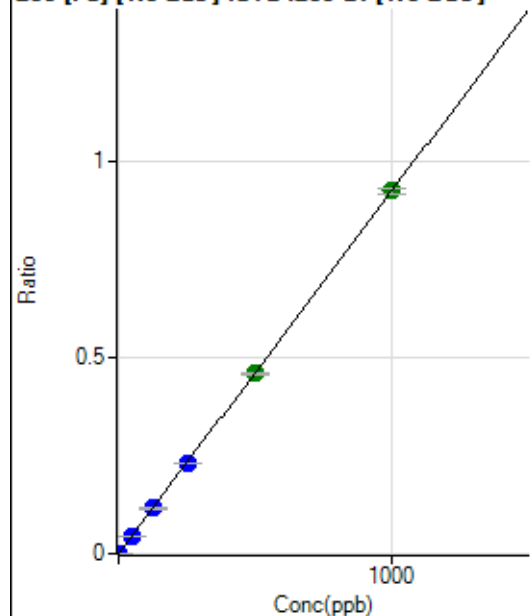
$$DL = 0.01544$$

$$BEC = 0.01069$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	257.42	0.0001	P	12.8
2	☐	0.100	0.101	672.26	0.0002	P	6.4
3	☐	1.000	0.904	4000.77	0.0009	P	6.8
4	☐	50.000	49.352	208686.90	0.0456	P	0.9
5	☐	125.000	125.450	543476.60	0.1157	P	2.2
6	☐	250.000	249.900	1137127.41	0.2304	P	0.6
7	☐	500.000	497.267	2412458.04	0.4585	A	0.4
8	☐	1000.000	1001.368	4795318.97	0.9232	A	1.3
9	☐			15000.07	0.0031	P	2.7

$$y = 9.2190E-004 * x + 5.8330E-005$$

$$R = 1.0000$$

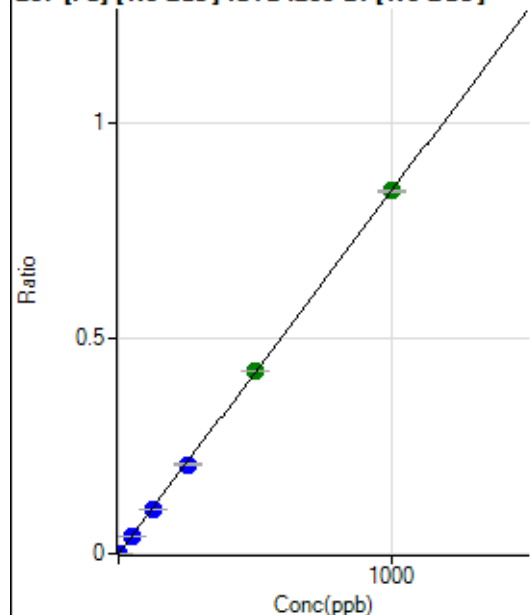
$$DL = 0.02421$$

$$BEC = 0.06327$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.72	0.0001	P	12.6
2	☐	0.100	0.076	538.92	0.0001	P	6.3
3	☐	1.000	0.876	3576.54	0.0008	P	4.8
4	☐	50.000	48.562	187874.38	0.0410	P	0.7
5	☐	125.000	123.212	488333.33	0.1040	P	1.9
6	☐	250.000	245.738	1022916.35	0.2073	P	0.6
7	☐	500.000	502.824	2231584.61	0.4241	A	0.1
8	☐	1000.000	999.949	4380695.79	0.8433	A	0.3
9	☐			12728.99	0.0026	P	4.3

$$y = 8.4333\text{E-}004 * x + 5.7515\text{E-}005$$

$$R = 1.0000$$

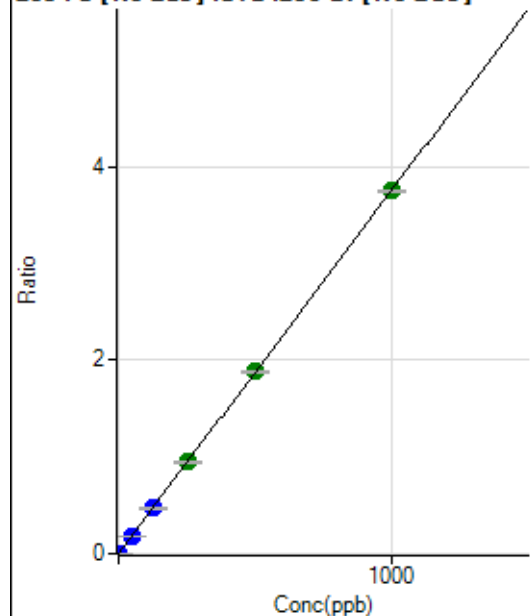
$$DL = 0.02586$$

$$BEC = 0.0682$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1037.09	0.0002	P	12.4
2	☐	0.100	0.091	2561.29	0.0006	P	1.8
3	☐	1.000	0.915	16469.58	0.0037	P	0.6
4	☐	50.000	49.320	849050.67	0.1853	P	0.9
5	☐	125.000	124.961	2204057.46	0.4692	P	1.9
6	☐	250.000	252.089	4669927.50	0.9464	A	0.9
7	☐	500.000	500.615	9888070.43	1.8792	A	0.2
8	☐	1000.000	999.209	19481654.80	3.7505	A	0.2
9	☐			59001.51	0.0122	P	1.9

$$y = 0.0038 * x + 2.3511\text{E-}004$$

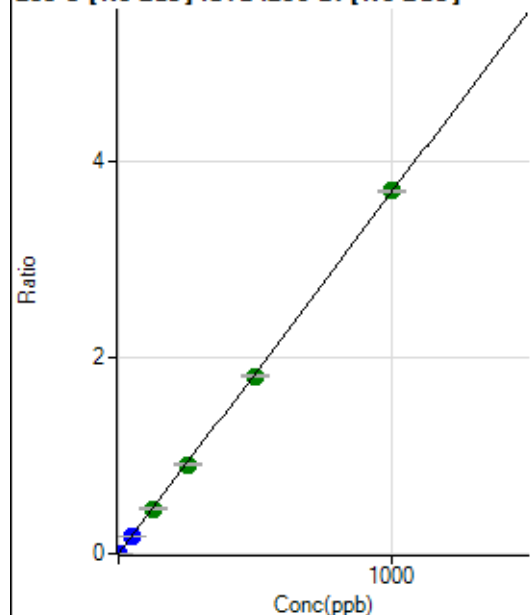
$$R = 1.0000$$

$$DL = 0.02326$$

$$BEC = 0.06264$$

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	66.67	0.0000	P	14.1
2	☐	0.100	0.082	1408.48	0.0003	P	9.9
3	☐	1.000	0.882	14650.91	0.0033	P	1.3
4	☐	50.000	47.561	802681.85	0.1752	P	0.8
5	☐	125.000	124.750	2158600.03	0.4596	A	2.0
6	☐	250.000	247.624	4501372.84	0.9122	A	1.2
7	☐	500.000	491.826	9533031.38	1.8117	A	0.4
8	☐	1000.000	1004.834	19227695.91	3.7015	A	0.8
9	☐			2589.31	0.0005	P	9.7

$$y = 0.0037 * x + 1.5116E-005$$

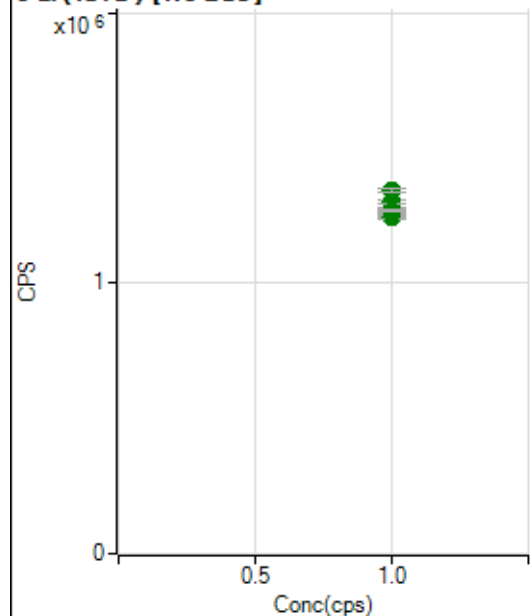
$$R = 0.9999$$

$$DL = 0.001738$$

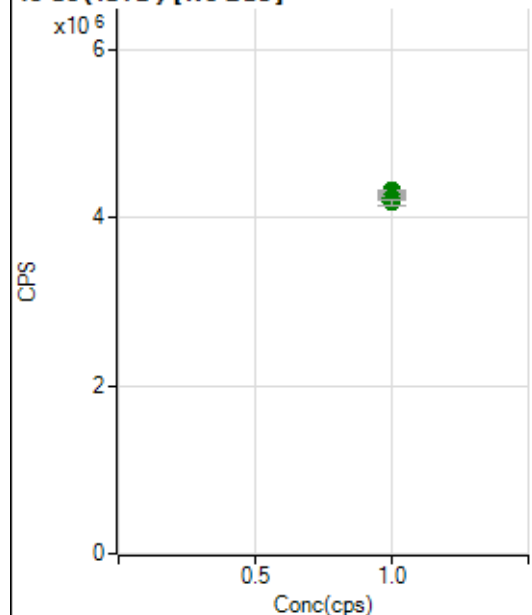
$$BEC = 0.004104$$

Weight: <None>

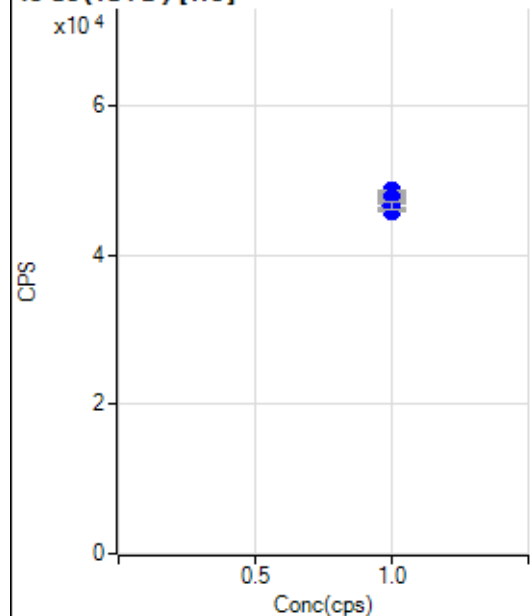
Min Conc: 0

6 Li (ISTD) [No Gas]

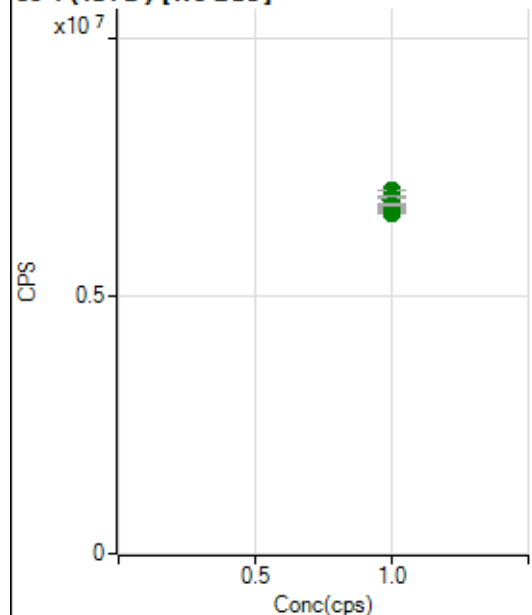
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1242103.50		A	0.4
2	☐	1.000		1245285.26		A	1.4
3	☐	1.000		1256497.56		A	0.6
4	☐	1.000		1273196.43		A	0.7
5	☐	1.000		1264624.30		A	2.3
6	☐	1.000		1301445.43		A	1.4
7	☐	1.000		1340812.31		A	1.1
8	☐	1.000		1292966.70		A	0.2
9	☐	1.000		1267508.72		A	0.8

45 Sc (ISTD) [No Gas]

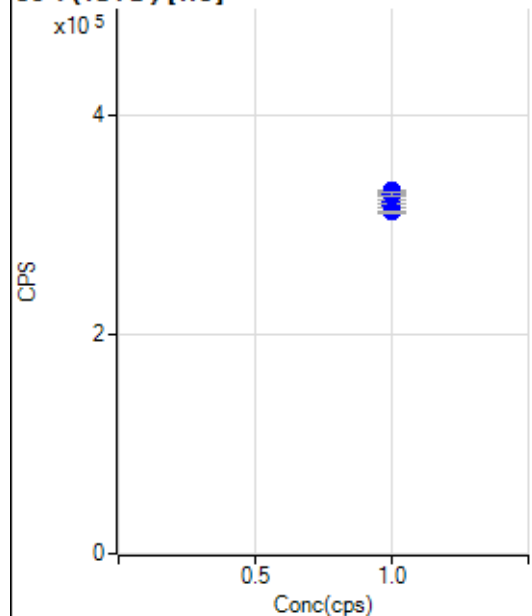
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4261169.71		A	0.5
2	☐	1.000		4220289.29		A	0.5
3	☐	1.000		4263050.96		A	1.2
4	☐	1.000		4280080.31		A	0.2
5	☐	1.000		4230577.52		A	0.9
6	☐	1.000		4268301.40		A	0.8
7	☐	1.000		4317766.85		A	0.6
8	☐	1.000		4225258.21		A	1.1
9	☐	1.000		4177303.61		A	1.5

45 Sc (ISTD) [He]

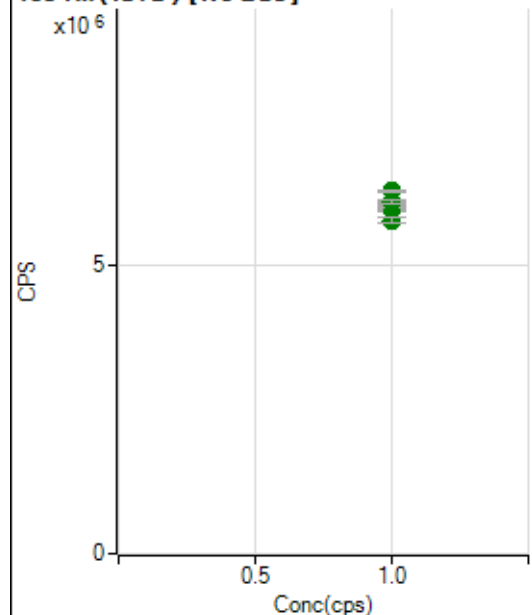
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		48066.51		P	2.0
2	☐	1.000		48369.66		P	0.1
3	☐	1.000		48666.35		P	0.7
4	☐	1.000		47846.77		P	0.3
5	☐	1.000		47459.88		P	0.5
6	☐	1.000		46776.66		P	0.9
7	☐	1.000		46007.45		P	0.6
8	☐	1.000		45934.99		P	0.6
9	☐	1.000		46697.42		P	1.8

89 Y (ISTD) [No Gas]

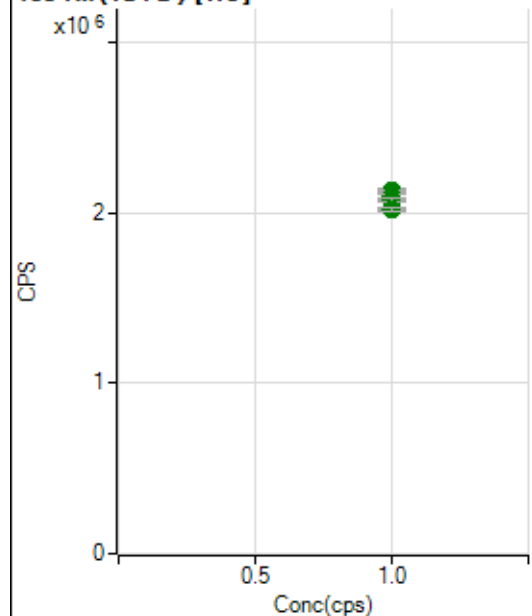
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6650021.36		A	1.0
2	☐	1.000		6616810.73		A	0.7
3	☐	1.000		6667072.26		A	1.2
4	☐	1.000		6655714.07		A	0.4
5	☐	1.000		6708066.15		A	0.6
6	☐	1.000		6858315.66		A	1.2
7	☐	1.000		7048485.59		A	0.1
8	☐	1.000		6926781.84		A	0.5
9	☐	1.000		6776334.27		A	0.7

89 Y (ISTD) [He]

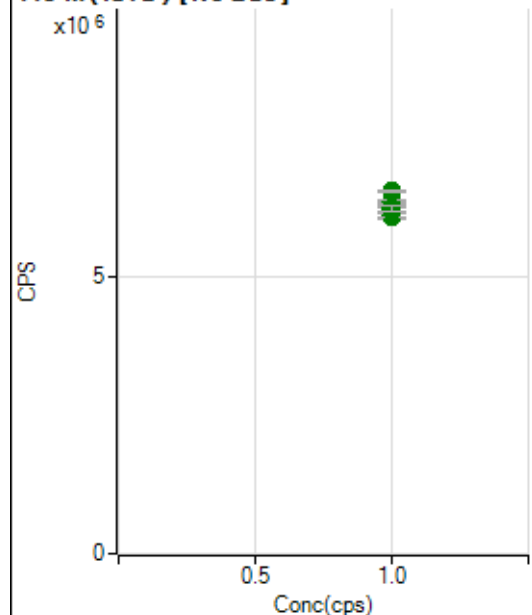
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		328344.72		P	0.9
2	☐	1.000		328918.33		P	0.2
3	☐	1.000		331291.06		P	0.5
4	☐	1.000		329468.98		P	0.1
5	☐	1.000		328463.35		P	1.0
6	☐	1.000		321354.60		P	1.6
7	☐	1.000		317344.65		P	0.9
8	☐	1.000		312267.16		P	0.5
9	☐	1.000		328239.19		P	1.4

103 Rh (ISTD) [No Gas]

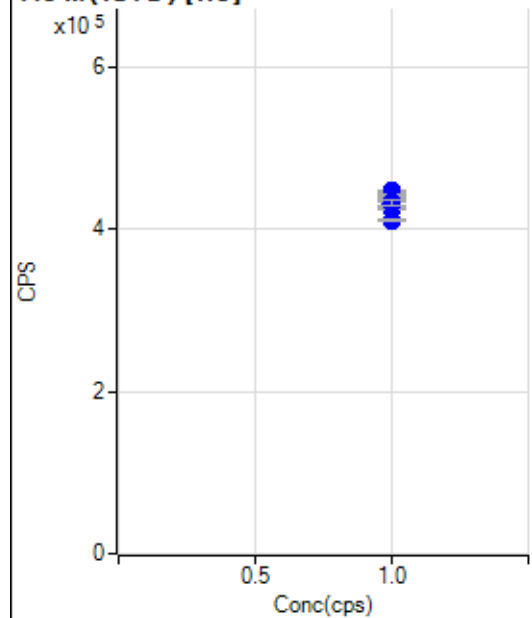
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6099856.69		A	0.5
2	☐	1.000		5949547.40		A	0.3
3	☐	1.000		6022388.16		A	0.8
4	☐	1.000		6008432.21		A	0.2
5	☐	1.000		6080184.95		A	0.8
6	☐	1.000		6095512.20		A	0.8
7	☐	1.000		6283474.14		A	0.5
8	☐	1.000		6108177.13		A	1.0
9	☐	1.000		5777507.51		A	1.7

103 Rh (ISTD) [He]

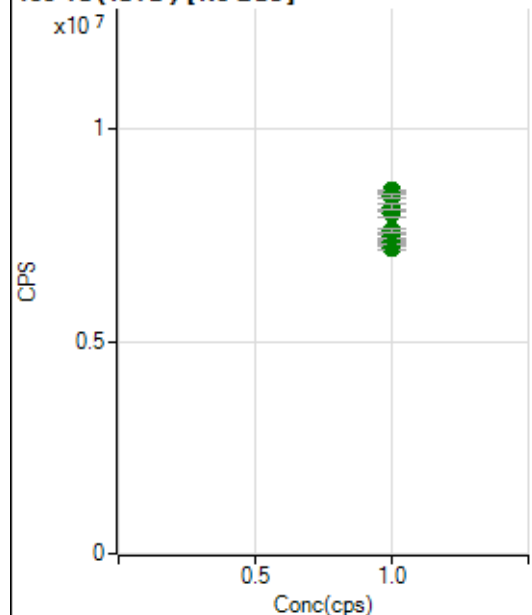
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2078705.11		A	1.5
2	☐	1.000		2114302.63		A	0.8
3	☐	1.000		2130457.57		A	1.0
4	☐	1.000		2128721.88		A	1.0
5	☐	1.000		2123622.24		A	0.5
6	☐	1.000		2095810.06		A	1.6
7	☐	1.000		2081690.80		A	1.1
8	☐	1.000		2026094.19		A	0.8
9	☐	1.000		2018376.67		A	1.4

115 In (ISTD) [No Gas]

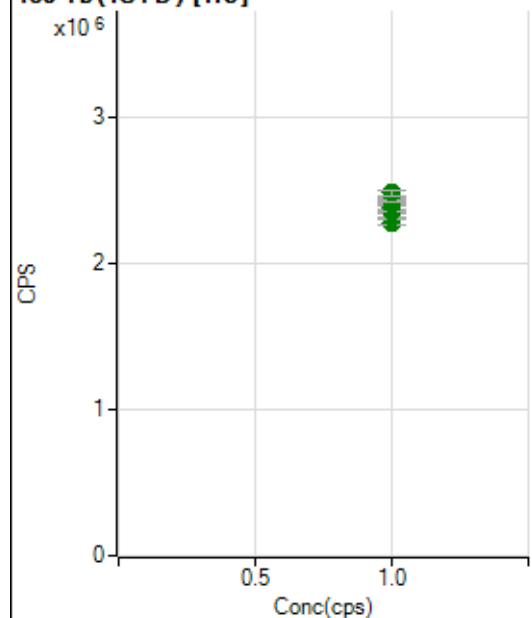
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6090226.47		A	1.6
2	☐	1.000		6056669.79		A	0.3
3	☐	1.000		6116901.35		A	1.8
4	☐	1.000		6159196.59		A	0.7
5	☐	1.000		6207283.98		A	1.0
6	☐	1.000		6370955.58		A	0.5
7	☐	1.000		6544323.50		A	0.4
8	☐	1.000		6354888.53		A	1.2
9	☐	1.000		6233061.03		A	1.7

115 In (ISTD) [He]

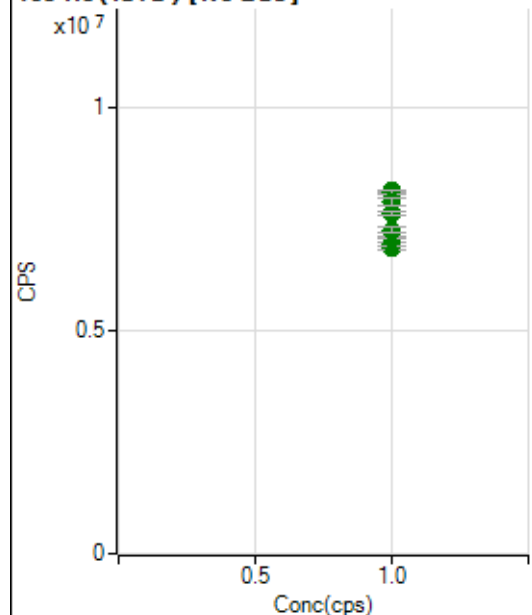
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		441712.24		P	1.0
2	☐	1.000		441889.10		P	0.3
3	☐	1.000		447476.81		P	0.4
4	☐	1.000		441045.42		P	0.6
5	☐	1.000		442490.31		P	0.4
6	☐	1.000		434614.44		P	0.7
7	☐	1.000		425134.75		P	0.5
8	☐	1.000		411033.11		P	0.7
9	☐	1.000		432690.42		P	1.2

159 Tb (ISTD) [No Gas]

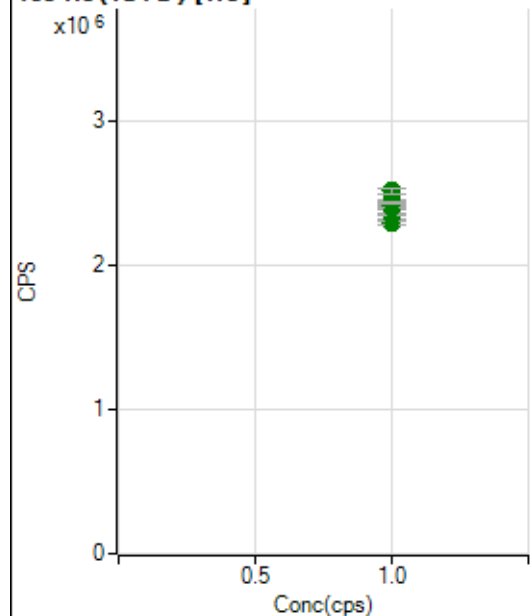
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7190497.18		A	1.1
2	☐	1.000		7297523.29		A	0.8
3	☐	1.000		7316453.43		A	1.4
4	☐	1.000		7464711.56		A	1.1
5	☐	1.000		7603526.34		A	0.7
6	☐	1.000		7995814.74		A	1.4
7	☐	1.000		8537526.68		A	0.7
8	☐	1.000		8421749.87		A	0.9
9	☐	1.000		8156713.56		A	1.8

159 Tb (ISTD) [He]

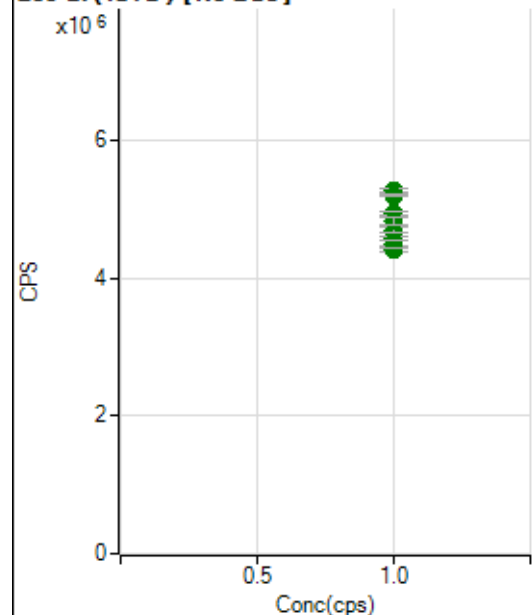
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2280314.12		A	1.6
2	☐	1.000		2310644.32		A	0.5
3	☐	1.000		2352132.53		A	0.4
4	☐	1.000		2357852.83		A	0.3
5	☐	1.000		2376424.53		A	1.6
6	☐	1.000		2401736.47		A	0.4
7	☐	1.000		2448096.25		A	0.4
8	☐	1.000		2425977.12		A	1.0
9	☐	1.000		2481602.39		A	1.9

165 Ho (ISTD) [No Gas]

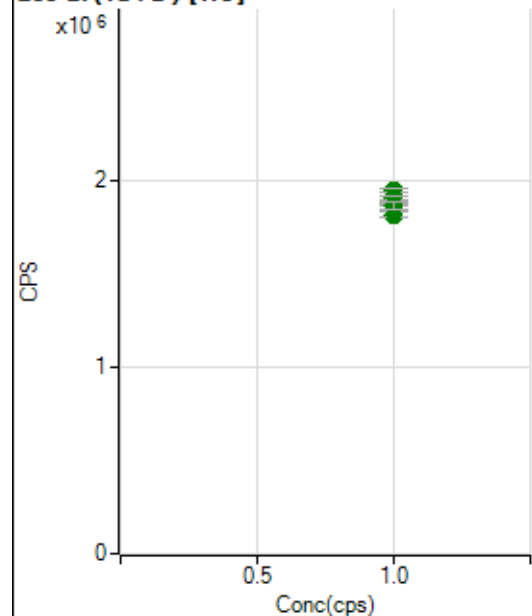
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6873324.29		A	1.2
2	☐	1.000		6938874.29		A	1.4
3	☐	1.000		6940832.36		A	1.3
4	☐	1.000		7098194.78		A	0.5
5	☐	1.000		7263715.87		A	1.5
6	☐	1.000		7639469.01		A	1.0
7	☐	1.000		8143530.39		A	0.7
8	☐	1.000		8110351.14		A	1.5
9	☐	1.000		7894425.52		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2292350.64		A	1.6
2	☐	1.000		2313817.57		A	0.4
3	☐	1.000		2349662.67		A	1.0
4	☐	1.000		2347876.00		A	0.7
5	☐	1.000		2395859.22		A	1.0
6	☐	1.000		2413099.36		A	1.0
7	☐	1.000		2448832.00		A	0.6
8	☐	1.000		2431883.56		A	0.6
9	☐	1.000		2512866.51		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4417086.15		A	1.7
2	☐	1.000		4428962.50		A	0.1
3	☐	1.000		4487343.93		A	2.2
4	☐	1.000		4581247.54		A	1.2
5	☐	1.000		4698069.24		A	1.8
6	☐	1.000		4934799.92		A	1.1
7	☐	1.000		5261910.96		A	1.1
8	☐	1.000		5194452.66		A	0.7
9	☐	1.000		4826960.87		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1820827.07		A	1.9
2	☐	1.000		1843535.55		A	0.5
3	☐	1.000		1882746.39		A	0.5
4	☐	1.000		1869865.86		A	0.2
5	☐	1.000		1895929.31		A	1.1
6	☐	1.000		1944456.20		A	0.3
7	☐	1.000		1949651.33		A	1.0
8	☐	1.000		1913643.72		A	1.3
9	☐	1.000		1871290.06		A	2.6