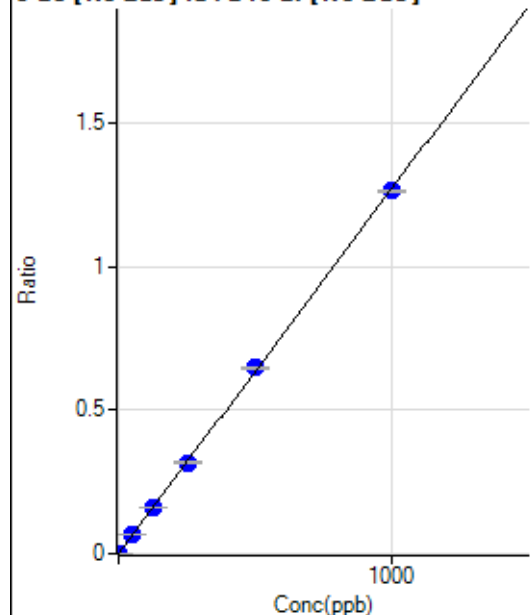


Batch Folder: D:\P8053019 MS .b\
Analysis File: P8053019 MS .batch.bin
DA Date-Time: 2019-05-30 23:48:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-30 13:07:12
2			
3	005CALS.d	S02	2019-05-30 13:15:01
4	006CALS.d	S03	2019-05-30 13:19:01
5	007CALS.d	S04	2019-05-30 13:23:01
6	008CALS.d	S05	2019-05-30 13:27:00
7	009CALS.d	S06	2019-05-30 13:30:55
8	010CALS.d	S07	2019-05-30 13:34:45
9	011CALS.d	S08	2019-05-30 13:38:31

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0001	P	56.9
2	☐	0.100					
3	☐	1.000	0.868	574.10	0.0012	P	9.4
4	☐	50.000	50.779	30586.32	0.0646	P	2.5
5	☐	125.000	126.068	76001.37	0.1603	P	2.1
6	☐	250.000	250.366	150108.15	0.3183	P	0.6
7	☐	500.000	509.254	296331.86	0.6474	P	1.0
8	☐	1000.000	995.109	601485.13	1.2650	P	0.5
9	☐			200.01	0.0004	P	36.9

$$y = 0.0013 * x + 7.9628E-005$$

$$R = 0.9999$$

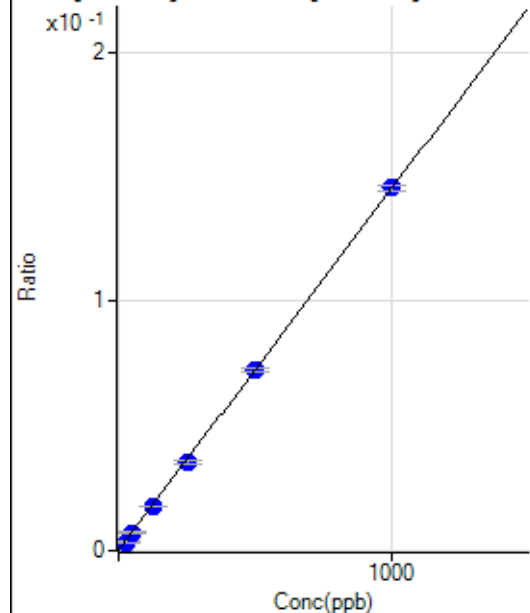
$$DL = 0.1068$$

$$BEC = 0.06264$$

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	80.56	0.0002	P	15.7
2	☐	2.500					
3	☐	25.000	21.859	1616.80	0.0033	P	11.0
4	☐	50.000	48.335	3394.93	0.0072	P	5.4
5	☐	125.000	120.871	8386.00	0.0177	P	1.5
6	☐	250.000	245.097	16832.46	0.0357	P	3.6
7	☐	500.000	499.468	33219.43	0.0726	P	1.4
8	☐	1000.000	1002.170	69169.60	0.1455	P	1.5
9	☐			1452.89	0.0030	P	8.6

$$y = 1.4499E-004 * x + 1.6505E-004$$

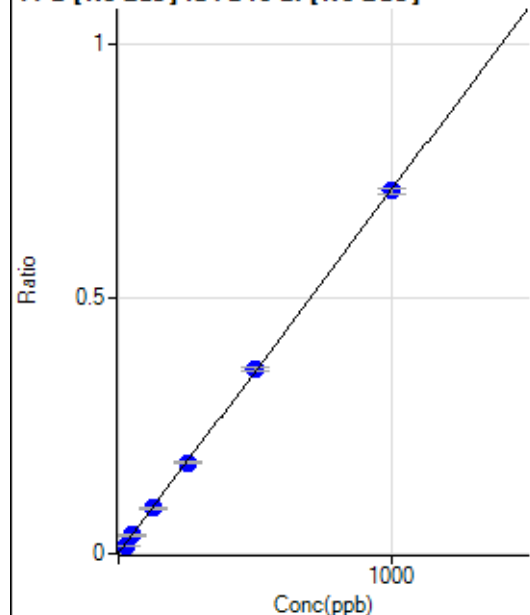
$$R = 1.0000$$

$$DL = 0.5356$$

$$BEC = 1.138$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.69	0.0011	P	25.3
2	☐	2.500					
3	☐	25.000	21.571	7963.52	0.0164	P	1.3
4	☐	50.000	48.931	16993.71	0.0359	P	2.1
5	☐	125.000	122.923	42000.84	0.0886	P	1.9
6	☐	250.000	249.470	84274.75	0.1787	P	0.4
7	☐	500.000	507.468	165917.20	0.3625	P	1.7
8	☐	1000.000	996.797	338045.84	0.7109	P	1.7
9	☐			6968.53	0.0145	P	5.5

$$y = 7.1217\text{E-}004 * x + 0.0011$$

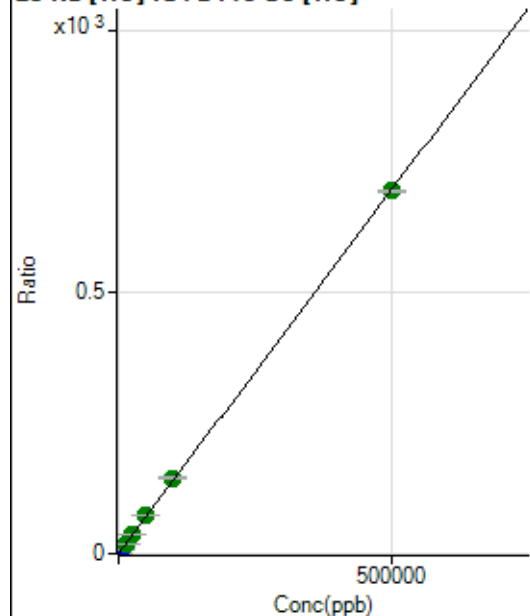
$$R = 0.9999$$

$$DL = 1.126$$

$$BEC = 1.486$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16318.07	0.1846	P	8.9
2	☐	50.000					
3	☐	500.000	525.948	81476.65	0.9160	P	11.3
4	☐	5000.000	5452.770	718522.33	7.7678	P	0.9
5	☐	12500.000	13348.530	1795659.63	18.7484	A	3.0
6	☐	25000.000	27109.294	3584836.84	37.8854	A	2.0
7	☐	50000.000	52633.042	6954806.58	73.3812	A	1.3
8	☐	100000.00	104042.95	14095826.01	144.8768	A	1.1
9	☐	500000.00	498796.87	66246301.48	693.8599	A	0.4

$$y = 0.0014 * x + 0.1846$$

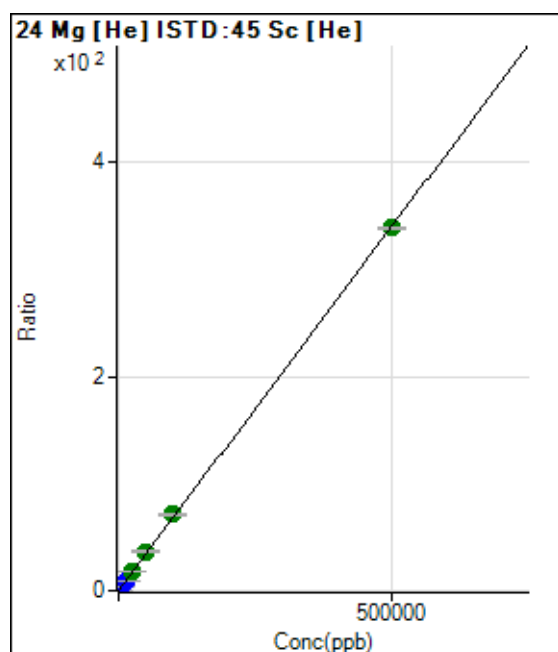
$$R = 1.0000$$

$$DL = 35.57$$

$$BEC = 132.7$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0010	P	42.7
2	☐	50.000					
3	☐	500.000	557.047	33765.66	0.3792	P	9.5
4	☐	5000.000	5579.010	350495.82	3.7892	P	1.3
5	☐	12500.000	13692.683	890497.61	9.2984	P	0.7
6	☐	25000.000	27479.857	1765901.64	18.6601	A	1.2
7	☐	50000.000	54151.904	3484800.34	36.7707	A	1.4
8	☐	100000.00	104547.00	6907022.55	70.9894	A	1.8
9	☐	500000.00	498515.75	32318137.88	338.4983	A	0.5

$$y = 6.7901\text{E-}004 * x + 9.5468\text{E-}004$$

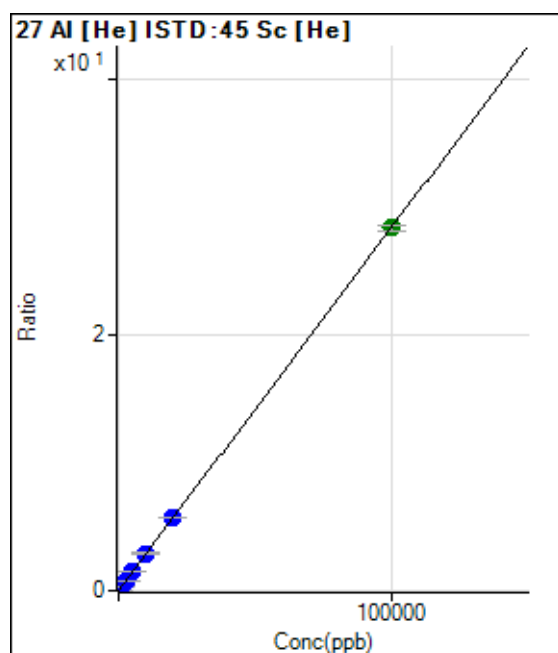
$$R = 0.9999$$

$$DL = 1.799$$

$$BEC = 1.406$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0008	P	36.6
2	☐	2.000					
3	☐	20.000	18.032	522.25	0.0059	P	15.4
4	☐	1000.000	1051.602	27708.16	0.2995	P	2.0
5	☐	2500.000	2559.189	69701.50	0.7278	P	1.7
6	☐	5000.000	5169.915	139054.24	1.4696	P	2.6
7	☐	10000.000	10308.500	277640.38	2.9295	P	1.4
8	☐	20000.000	20220.607	559004.51	5.7456	P	1.4
9	☐	100000.00	99914.537	2710099.65	28.3871	A	1.5

$$y = 2.8411\text{E-}004 * x + 7.5815\text{E-}004$$

$$R = 1.0000$$

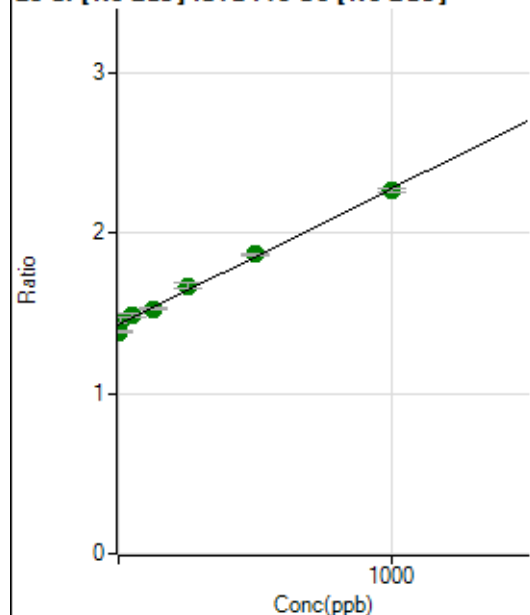
$$DL = 2.927$$

$$BEC = 2.669$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-55.177	2168277.98	1.3821	A	0.9
2	☐	1.000					
3	☐	10.000	27.728	2239303.33	1.4523	A	2.5
4	☐	50.000	63.518	2283559.99	1.4826	A	1.5
5	☐	125.000	115.967	2388557.97	1.5271	A	0.5
6	☐	250.000	281.635	2591334.59	1.6674	A	2.3
7	☐	500.000	517.923	2912668.97	1.8675	A	0.9
8	☐	1000.000	983.406	3588928.59	2.2618	A	1.1
9	☐			2243563.55	1.4406	A	0.6

$$y = 8.470713E-004 * x + 1.428825$$

$$R = 0.9967$$

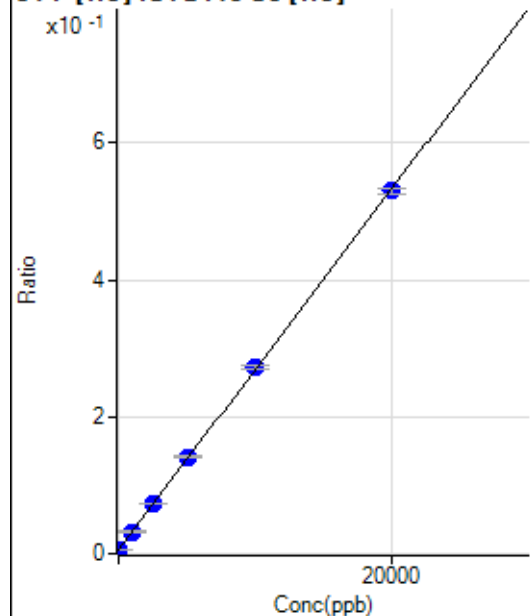
$$DL = 42.51$$

$$BEC = 1687$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-25.930	447.24	0.0050	P	25.9
2	☐	0.000					
3	☐	0.000	25.930	563.92	0.0064	P	18.1
4	☐	1000.000	986.470	2928.16	0.0317	P	5.3
5	☐	2500.000	2548.035	6968.56	0.0728	P	1.6
6	☐	5000.000	5143.854	13351.09	0.1411	P	1.5
7	☐	10000.000	10092.831	25718.26	0.2714	P	2.3
8	☐	20000.000	19912.293	51552.70	0.5299	P	1.4
9	☐			597.25	0.0063	P	7.0

$$y = 2.6324E-005 * x + 0.0057$$

$$R = 0.9999$$

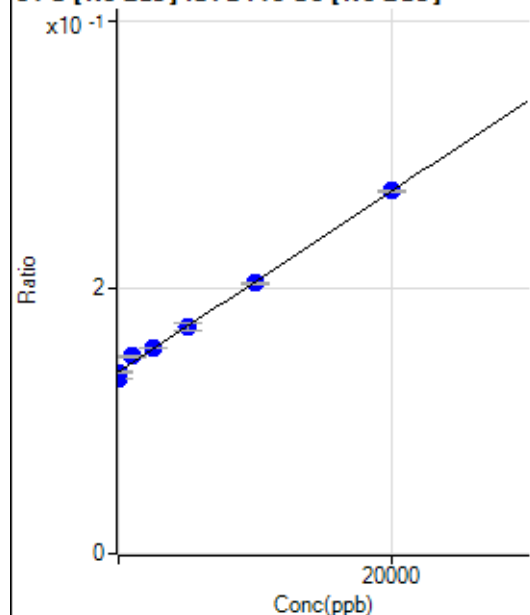
$$DL = 139.4$$

$$BEC = 215.9$$

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	-740.268	206615.91	0.1317	P	0.9
2	☐	0.000					
3	☐	0.000	-41.740	210430.13	0.1365	P	1.2
4	☐	1000.000	1740.310	228851.00	0.1486	P	0.5
5	☐	2500.000	2697.211	242573.91	0.1551	P	0.3
6	☐	5000.000	4966.674	264963.85	0.1705	P	3.1
7	☐	10000.000	9862.299	317863.90	0.2038	P	0.8
8	☐	20000.000	20015.515	432946.18	0.2729	P	0.4
9	☐			204745.27	0.1315	P	0.6

$$y = 6.800387E-006 * x + 0.136741$$

$$R = 0.9982$$

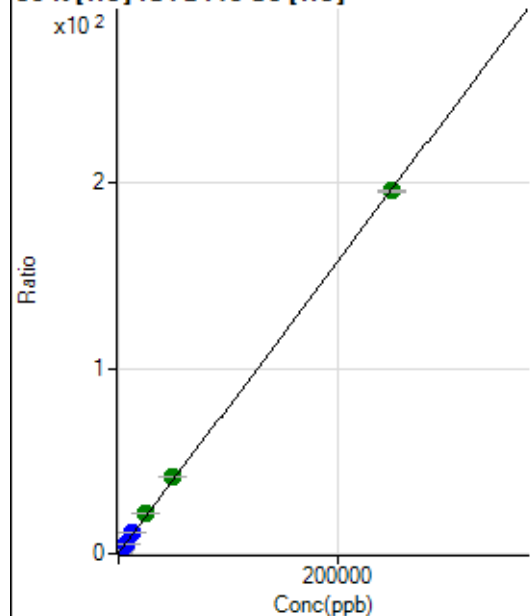
$$DL = 620.2$$

$$BEC = 2.011E+04$$

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	23965.29	0.2709	P	6.9
2	☐	50.000					
3	☐	500.000	531.801	61308.68	0.6885	P	9.7
4	☐	2500.000	2758.735	225449.60	2.4373	P	1.1
5	☐	6250.000	6760.807	534412.93	5.5801	P	0.2
6	☐	12500.000	13840.543	1054108.59	11.1398	P	1.5
7	☐	25000.000	27331.150	2059580.80	21.7339	A	2.1
8	☐	50000.000	52384.178	4028903.78	41.4079	A	1.1
9	☐	250000.00	249207.60	18710184.44	195.9724	A	0.6

$$y = 7.8530E-004 * x + 0.2709$$

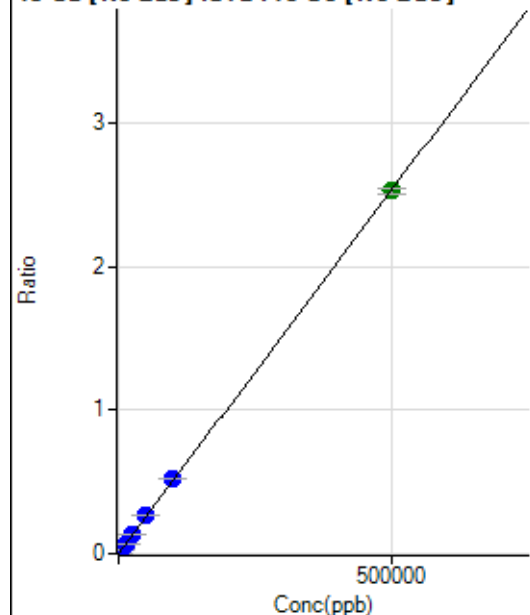
$$R = 0.9999$$

$$DL = 70.96$$

$$BEC = 344.9$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	730.60	0.0005	P	19.1
2	☐	50.000					
3	☐	500.000	483.204	4495.29	0.0029	P	5.3
4	☐	5000.000	5287.809	42016.44	0.0273	P	2.5
5	☐	12500.000	13050.158	104243.74	0.0666	P	0.6
6	☐	25000.000	26010.666	205720.30	0.1324	P	2.3
7	☐	50000.000	52063.342	412481.49	0.2645	P	1.8
8	☐	100000.00	103031.50	829796.93	0.5230	P	0.8
9	☐	500000.00	499120.21	3942471.53	2.5316	A	1.5

$$y = 5.0712\text{E-}006 * x + 4.6542\text{E-}004$$

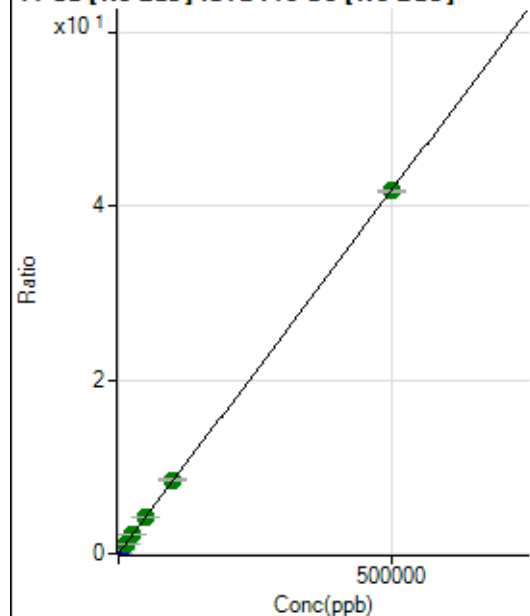
$$R = 1.0000$$

$$DL = 52.56$$

$$BEC = 91.78$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15778.68	0.0101	P	1.6
2	☐	50.000					
3	☐	500.000	493.252	79141.86	0.0513	P	1.0
4	☐	5000.000	5218.763	687948.47	0.4466	P	0.1
5	☐	12500.000	12951.955	1710452.51	1.0935	A	0.4
6	☐	25000.000	25844.119	3376794.39	2.1720	A	0.1
7	☐	50000.000	50982.214	6666885.00	4.2749	A	1.4
8	☐	100000.00	101632.18	13505992.32	8.5119	A	0.9
9	☐	500000.00	499519.65	65094236.18	41.7965	A	0.8

$$y = 8.3653\text{E-}005 * x + 0.0101$$

$$R = 1.0000$$

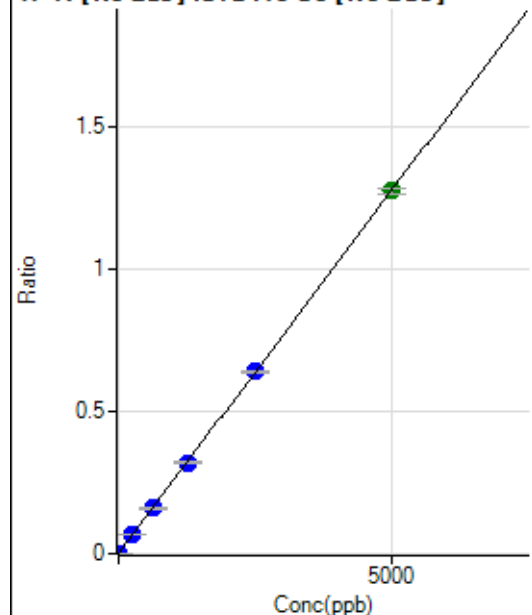
$$DL = 5.933$$

$$BEC = 120.2$$

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	1555.69	0.0010	P	10.4
2	☐	1.000					
3	☐	10.000	5.449	3664.48	0.0024	P	9.0
4	☐	250.000	250.394	99678.28	0.0647	P	0.8
5	☐	625.000	621.737	249028.21	0.1592	P	1.1
6	☐	1250.000	1252.746	497037.45	0.3198	P	1.7
7	☐	2500.000	2505.319	995861.00	0.6385	P	0.8
8	☐	5000.000	4997.051	2019292.62	1.2726	A	1.4
9	☐			2025.20	0.0013	P	4.9

$$y = 2.5447\text{E-}004 * x + 9.9129\text{E-}004$$

$$R = 1.0000$$

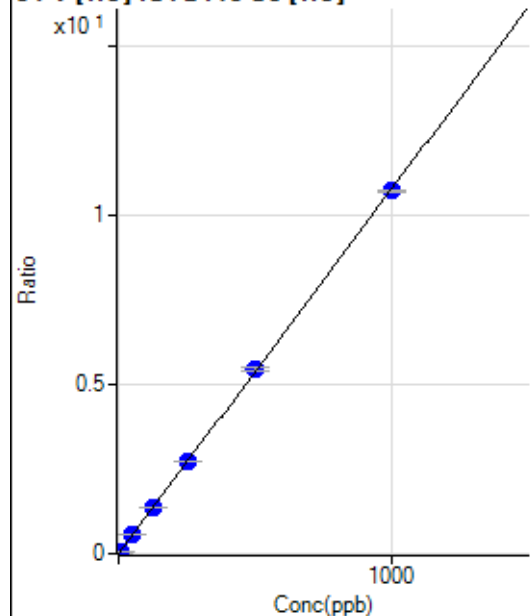
$$DL = 1.211$$

$$BEC = 3.895$$

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	22.22	0.0002	P	32.3
2	☐	0.500					
3	☐	5.000	5.205	5017.62	0.0563	P	8.2
4	☐	50.000	50.834	50666.75	0.5477	P	1.1
5	☐	125.000	125.446	129413.27	1.3513	P	0.7
6	☐	250.000	253.692	258576.32	2.7325	P	1.2
7	☐	500.000	506.779	517272.80	5.4583	P	1.6
8	☐	1000.000	995.589	1043304.47	10.7229	P	0.8
9	☐			213.34	0.0022	P	14.5

$$y = 0.0108 * x + 2.4693\text{E-}004$$

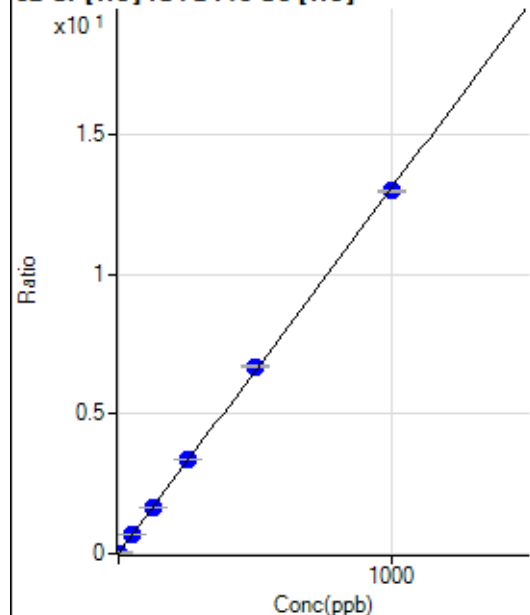
$$R = 1.0000$$

$$DL = 0.02223$$

$$BEC = 0.02293$$

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	796.70	0.0090	P	7.8
2	☐	0.200					
3	☐	2.000	1.919	3034.80	0.0340	P	7.8
4	☐	50.000	51.916	63506.50	0.6866	P	1.2
5	☐	125.000	125.552	157788.77	1.6476	P	0.3
6	☐	250.000	256.604	317742.93	3.3579	P	1.4
7	☐	500.000	510.595	632387.33	6.6726	P	1.1
8	☐	1000.000	992.887	1261646.08	12.9669	P	0.7
9	☐			9750.12	0.1021	P	0.4

$$y = 0.0131 * x + 0.0090$$

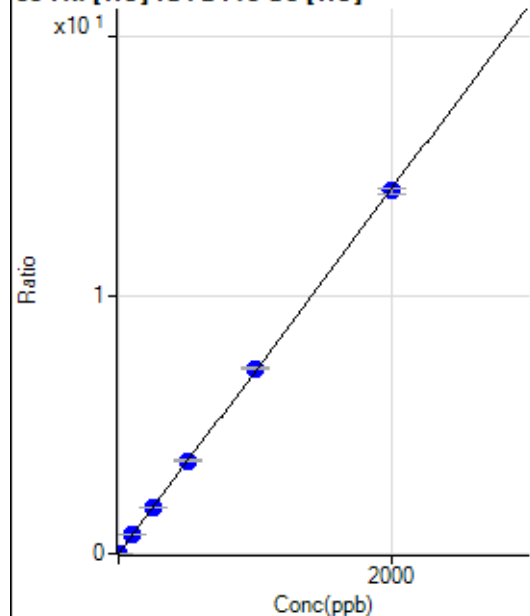
$$R = 0.9999$$

$$DL = 0.1615$$

$$BEC = 0.6903$$

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	34.44	0.0004	P	42.6
2	☐	0.100					
3	☐	1.000	1.151	754.47	0.0085	P	15.3
4	☐	100.000	102.675	67017.26	0.7245	P	1.2
5	☐	250.000	249.192	168344.22	1.7578	P	1.0
6	☐	500.000	510.812	340931.48	3.6029	P	1.4
7	☐	1000.000	1016.350	679354.83	7.1683	P	1.6
8	☐	2000.000	1989.089	1364914.16	14.0286	P	1.3
9	☐			4927.59	0.0516	P	1.5

$$y = 0.0071 * x + 3.8390E-004$$

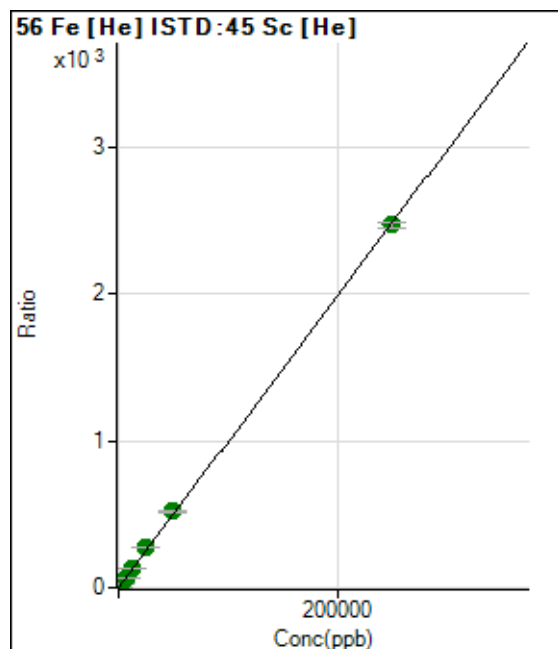
$$R = 0.9999$$

$$DL = 0.0696$$

$$BEC = 0.05443$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1800.15	0.0204	P	13.7
2	☐	5.000					
3	☐	50.000	56.977	52085.80	0.5850	P	9.6
4	☐	2500.000	2748.280	2521075.09	27.2540	A	0.9
5	☐	6250.000	6709.243	6368608.01	66.5045	A	2.3
6	☐	12500.000	13590.791	12747819.50	134.6960	A	0.8
7	☐	25000.000	27287.787	25630474.18	270.4240	A	0.5
8	☐	50000.000	52533.236	50649372.43	520.5895	A	1.5
9	☐	250000.00	249196.06	235749942.3	2,469.386	A	1.4

$$y = 0.0099 * x + 0.0204$$

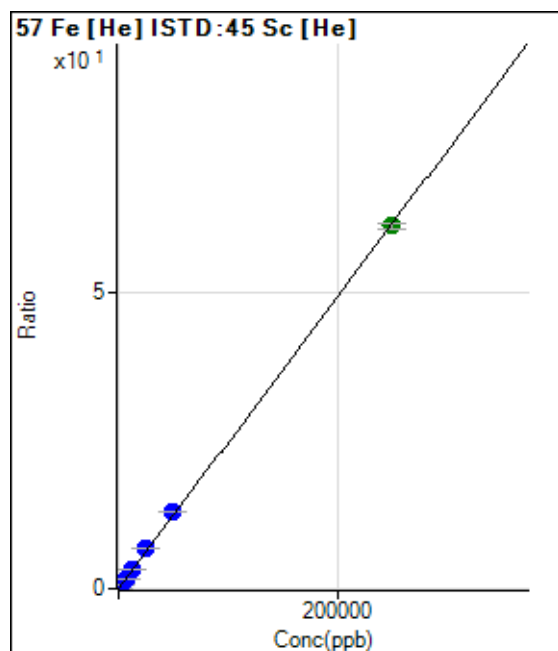
$$R = 0.9999$$

$$DL = 0.8436$$

$$BEC = 2.057$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0007	P	30.8
2	☐	5.000					
3	☐	50.000	53.732	1237.12	0.0139	P	14.1
4	☐	2500.000	2738.860	62254.87	0.6730	P	0.9
5	☐	6250.000	6735.614	158397.05	1.6540	P	1.8
6	☐	12500.000	13641.198	316912.72	3.3490	P	1.2
7	☐	25000.000	27290.829	634922.20	6.6994	P	1.2
8	☐	50000.000	52836.761	1261908.32	12.9698	P	0.9
9	☐	250000.00	249131.97	5837925.13	61.1513	A	1.8

$$y = 2.4545E-004 * x + 7.4376E-004$$

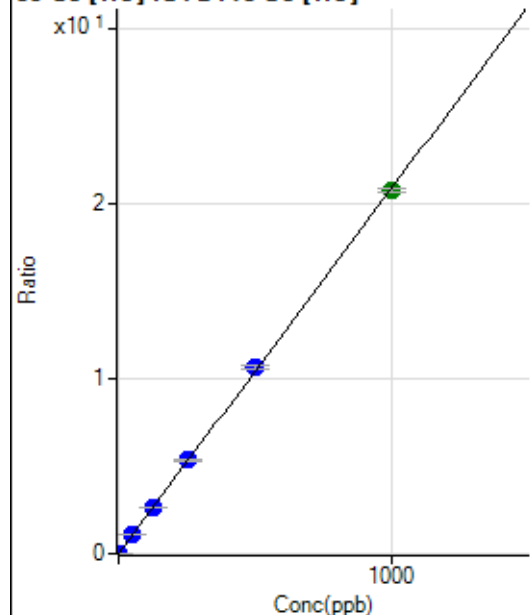
$$R = 0.9999$$

$$DL = 2.796$$

$$BEC = 3.03$$

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	50.00	0.0006	P	12.8
2	☐	0.100					
3	☐	1.000	1.007	1916.82	0.0215	P	10.9
4	☐	50.000	51.996	100286.12	1.0842	P	1.1
5	☐	125.000	127.504	254524.82	2.6578	P	1.5
6	☐	250.000	255.504	503903.88	5.3253	P	1.5
7	☐	500.000	509.609	1006519.64	10.6208	P	1.6
8	☐	1000.000	993.406	2014387.38	20.7031	A	1.0
9	☐			22440.37	0.2351	P	2.1

$$y = 0.0208 * x + 5.6416E-004$$

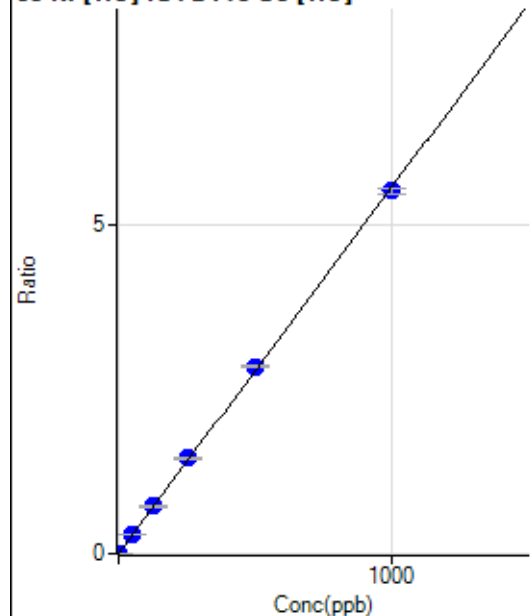
$$R = 0.9999$$

$$DL = 0.01041$$

$$BEC = 0.02707$$

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	42.22	0.0005	P	26.1
2	☐	0.100					
3	☐	1.000	1.075	575.58	0.0065	P	8.1
4	☐	50.000	52.986	27287.85	0.2950	P	0.5
5	☐	125.000	129.426	68936.09	0.7199	P	2.2
6	☐	250.000	260.267	136932.01	1.4471	P	1.6
7	☐	500.000	511.460	269464.38	2.8433	P	1.2
8	☐	1000.000	991.001	535965.22	5.5087	P	1.3
9	☐			6674.99	0.0699	P	0.7

$$y = 0.0056 * x + 4.8114E-004$$

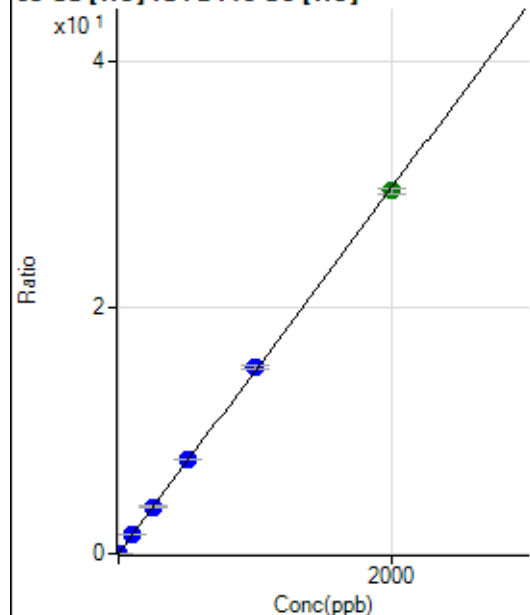
$$R = 0.9998$$

$$DL = 0.06785$$

$$BEC = 0.08656$$

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	868.93	0.0098	P	7.4
2	☐	0.200					
3	☐	2.000	2.049	3580.50	0.0402	P	9.2
4	☐	100.000	105.746	145943.32	1.5777	P	0.3
5	☐	250.000	256.070	364552.63	3.8066	P	1.1
6	☐	500.000	515.708	724537.39	7.6563	P	0.6
7	☐	1000.000	1022.088	1437092.08	15.1644	P	1.7
8	☐	2000.000	1983.983	2863143.19	29.4266	A	1.6
9	☐			4436.31	0.0465	P	4.3

$$y = 0.0148 * x + 0.0098$$

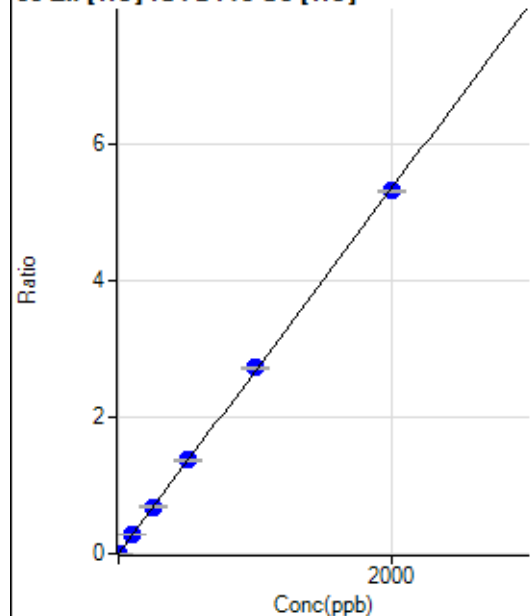
$$R = 0.9999$$

$$DL = 0.1467$$

$$BEC = 0.6623$$

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	180.00	0.0020	P	11.8
2	☐	0.200					
3	☐	2.000	1.650	577.80	0.0064	P	18.2
4	☐	100.000	105.974	26370.66	0.2851	P	1.9
5	☐	250.000	256.720	65861.95	0.6877	P	2.0
6	☐	500.000	514.812	130306.94	1.3771	P	1.8
7	☐	1000.000	1016.804	257573.90	2.7179	P	1.4
8	☐	2000.000	1986.757	516516.51	5.3086	P	0.8
9	☐			4457.43	0.0467	P	5.8

$$y = 0.0027 * x + 0.0020$$

$$R = 0.9999$$

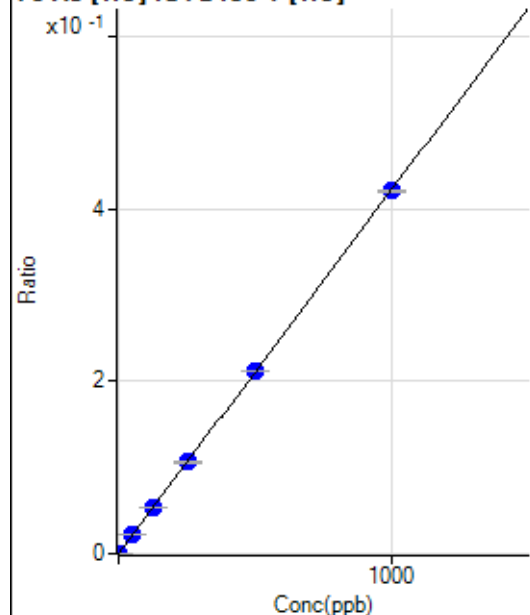
$$DL = 0.2689$$

$$BEC = 0.7628$$

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	4.67	0.0000	P	52.0
2	☐	0.100					
3	☐	1.000	0.942	204.35	0.0004	P	12.1
4	☐	50.000	50.902	11063.87	0.0215	P	0.4
5	☐	125.000	126.430	28185.70	0.0534	P	0.5
6	☐	250.000	251.608	55930.07	0.1062	P	1.0
7	☐	500.000	504.010	112742.48	0.2128	P	0.3
8	☐	1000.000	997.369	227388.01	0.4211	P	0.4
9	☐			334.04	0.0006	P	2.8

$$y = 4.2218\text{E-}004 * x + 9.5393\text{E-}006$$

$$R = 1.0000$$

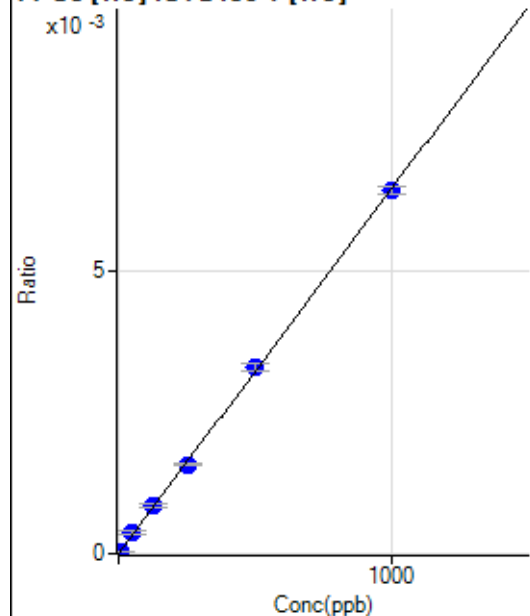
$$DL = 0.03523$$

$$BEC = 0.0226$$

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					
3	☐	5.000	6.106	20.00	0.0000	P	8.7
4	☐	50.000	57.811	192.22	0.0004	P	11.4
5	☐	125.000	130.330	444.46	0.0008	P	7.2
6	☐	250.000	244.712	832.25	0.0016	P	3.4
7	☐	500.000	511.351	1750.13	0.0033	P	3.8
8	☐	1000.000	994.584	3469.35	0.0064	P	2.2
9	☐			2.22	0.0000	P	86.6

$$y = 6.4595\text{E-}006 * x + 0.0000\text{E+}000$$

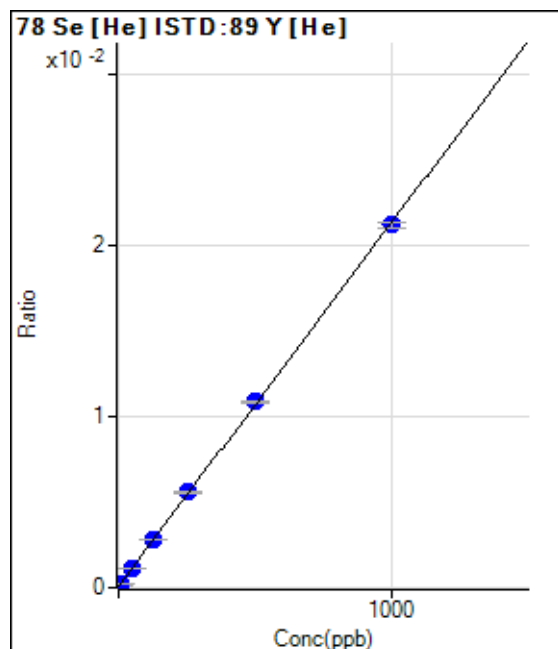
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.34	0.0001	P	46.7
2	☐	0.500					
3	☐	5.000	5.882	102.34	0.0002	P	2.9
4	☐	50.000	50.065	587.74	0.0011	P	3.3
5	☐	125.000	127.446	1471.56	0.0028	P	0.9
6	☐	250.000	258.564	2934.95	0.0056	P	1.0
7	☐	500.000	507.272	5754.78	0.0109	P	0.5
8	☐	1000.000	993.910	11451.56	0.0212	P	1.8
9	☐			33.67	0.0001	P	18.7

$$y = 2.1258\text{E-}005 * x + 7.8016\text{E-}005$$

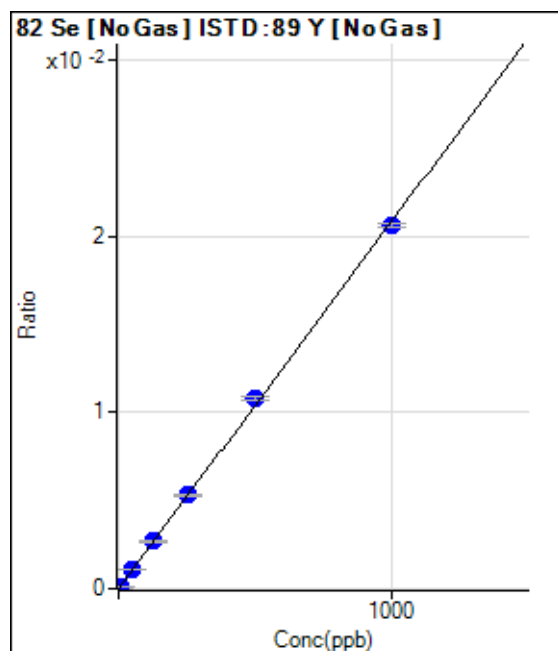
$$R = 0.9999$$

$$DL = 5.145$$

$$BEC = 3.67$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-21.31	0.0000	P	-130.
2	☐	0.500					
3	☐	5.000	4.686	193.75	0.0001	P	28.1
4	☐	50.000	53.510	2374.34	0.0011	P	4.3
5	☐	125.000	128.702	5811.34	0.0027	P	2.5
6	☐	250.000	254.537	11684.90	0.0053	P	2.1
7	☐	500.000	519.161	23262.92	0.0108	P	1.7
8	☐	1000.000	988.649	46960.00	0.0206	P	1.1
9	☐			-34.37	0.0000	P	-92.1

$$y = 2.0828\text{E-}005 * x - 9.3232\text{E-}006$$

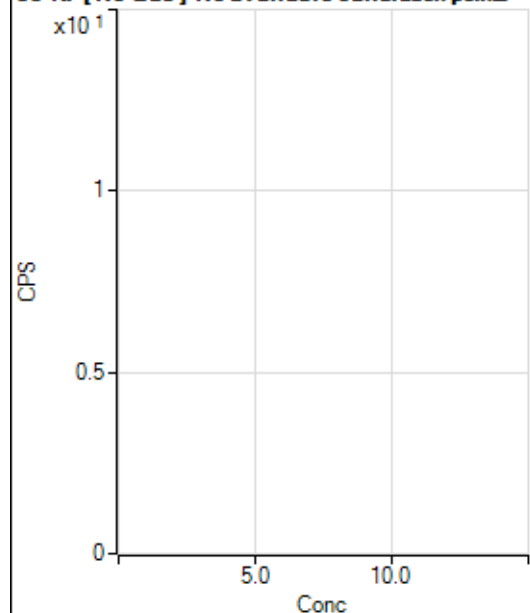
$$R = 0.9997$$

$$DL = 1.756$$

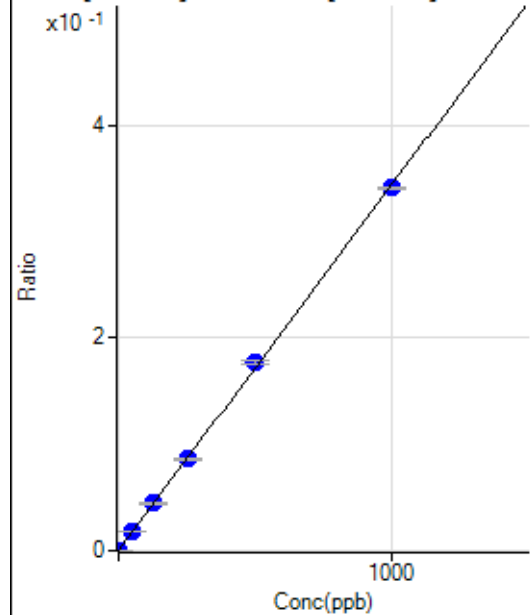
$$BEC = -0.4476$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			315.56		P	8.0
2	☐						
3	☐			328.90		P	11.2
4	☐			311.12		P	12.0
5	☐			348.90		P	4.3
6	☐			313.34		P	12.1
7	☐			293.34		P	22.7
8	☐			325.56		P	7.7
9	☐			338.90		P	13.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	447.24	0.0002	P	10.1
2	☐	0.100					
3	☐	1.000	0.847	1077.85	0.0005	P	0.9
4	☐	50.000	51.495	38465.79	0.0179	P	2.6
5	☐	125.000	128.627	96648.98	0.0444	P	2.0
6	☐	250.000	251.088	191049.64	0.0865	P	1.7
7	☐	500.000	513.758	380791.01	0.1768	P	1.6
8	☐	1000.000	992.321	778914.90	0.3414	P	0.7
9	☐			3436.64	0.0016	P	10.9

$$y = 3.4383\text{E-}004 * x + 1.9888\text{E-}004$$

$$R = 0.9999$$

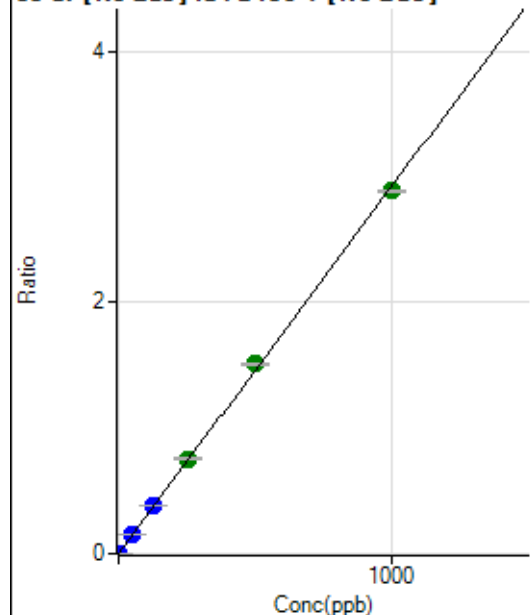
$$DL = 0.1756$$

$$BEC = 0.5784$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	38.6
2	☐	0.100					
3	☐	1.000	0.955	6221.01	0.0028	P	1.6
4	☐	50.000	52.779	331293.08	0.1542	P	0.7
5	☐	125.000	130.324	828226.79	0.3807	P	2.2
6	☐	250.000	259.126	1671268.70	0.7569	A	1.6
7	☐	500.000	516.638	3249602.02	1.5091	A	1.0
8	☐	1000.000	988.595	6588553.92	2.8876	A	0.6
9	☐			27327.96	0.0127	P	1.6

$$y = 0.0029 * x + 4.0653E-005$$

$$R = 0.9997$$

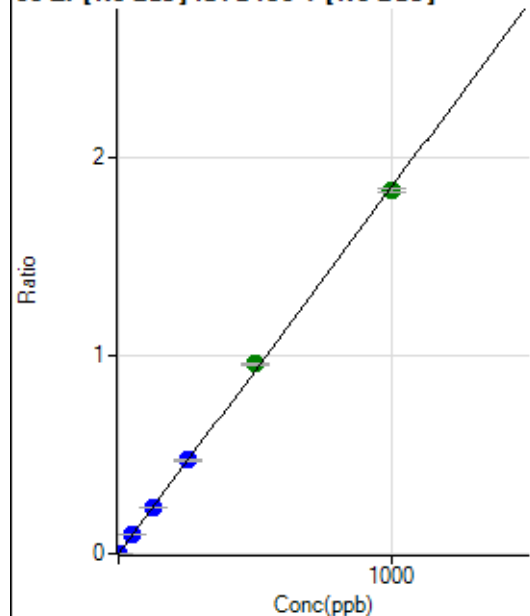
$$DL = 0.01611$$

$$BEC = 0.01392$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	0.940	4011.81	0.0018	P	4.5
4	☐	50.000	51.582	205665.10	0.0957	P	0.8
5	☐	125.000	127.534	514685.22	0.2366	P	1.5
6	☐	250.000	254.655	1042694.96	0.4723	P	2.1
7	☐	500.000	516.908	2064041.02	0.9586	A	1.6
8	☐	1000.000	989.986	4188573.96	1.8358	A	1.0
9	☐			1233.42	0.0006	P	5.9

$$y = 0.0019 * x + 8.1532E-005$$

$$R = 0.9998$$

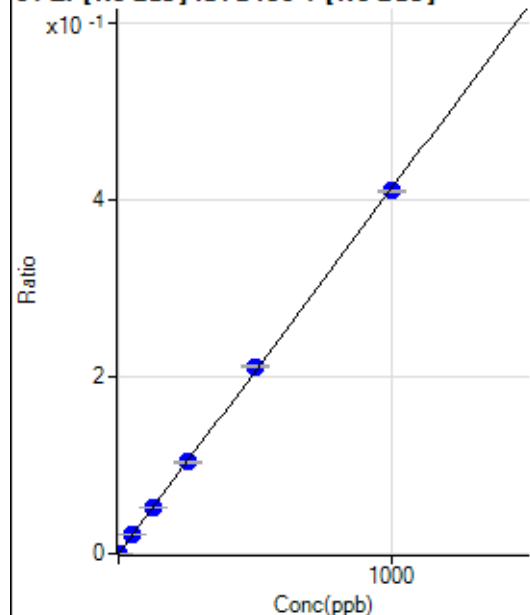
$$DL = 0.008469$$

$$BEC = 0.04397$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	69.6
2	☐	0.100					
3	☐	1.000	0.921	875.05	0.0004	P	12.5
4	☐	50.000	51.011	45259.07	0.0211	P	1.1
5	☐	125.000	126.445	113547.86	0.0522	P	2.2
6	☐	250.000	250.839	228566.18	0.1035	P	1.8
7	☐	500.000	511.647	454671.45	0.2111	P	0.8
8	☐	1000.000	993.735	935623.40	0.4101	P	0.9
9	☐			255.57	0.0001	P	14.8

$$y = 4.1263\text{E-}004 * x + 1.7389\text{E-}005$$

$$R = 0.9999$$

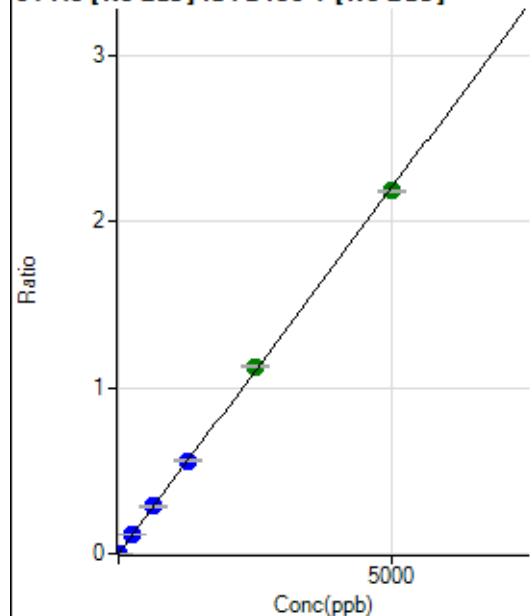
$$DL = 0.08804$$

$$BEC = 0.04214$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	50.2
2	☐	1.000					
3	☐	10.000	4.780	4706.51	0.0021	P	6.2
4	☐	250.000	260.216	246395.89	0.1147	P	0.6
5	☐	625.000	646.315	619621.80	0.2848	P	1.7
6	☐	1250.000	1272.779	1238204.90	0.5608	P	1.9
7	☐	2500.000	2562.299	2431143.80	1.1290	A	0.8
8	☐	5000.000	4959.991	4986321.29	2.1854	A	0.6
9	☐			1997.43	0.0009	P	9.9

$$y = 4.4060\text{E-}004 * x + 3.4775\text{E-}005$$

$$R = 0.9999$$

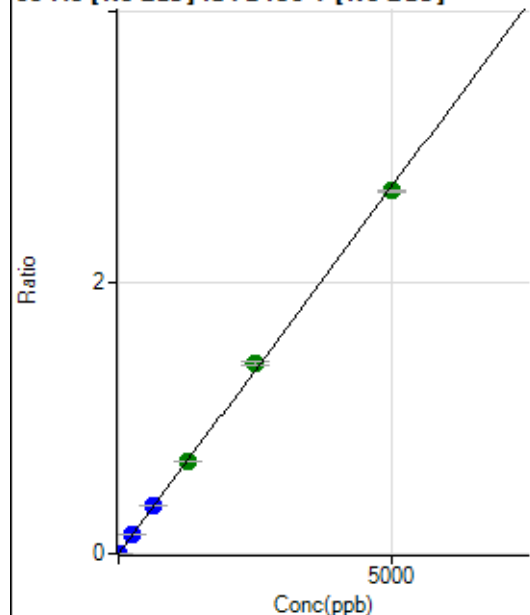
$$DL = 0.1189$$

$$BEC = 0.07893$$

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	16.67	0.0000	P	51.8
2	☐	1.000					
3	☐	10.000	4.806	5734.67	0.0026	P	2.8
4	☐	250.000	259.390	301449.32	0.1403	P	0.2
5	☐	625.000	650.105	765066.16	0.3516	P	1.4
6	☐	1250.000	1262.704	1508086.82	0.6830	A	1.2
7	☐	2500.000	2596.226	3023903.28	1.4043	A	1.4
8	☐	5000.000	4945.114	6102777.61	2.6747	A	0.8
9	☐			2705.90	0.0013	P	3.2

$$y = 5.4088\text{E-}004 * x + 7.4510\text{E-}006$$

$$R = 0.9997$$

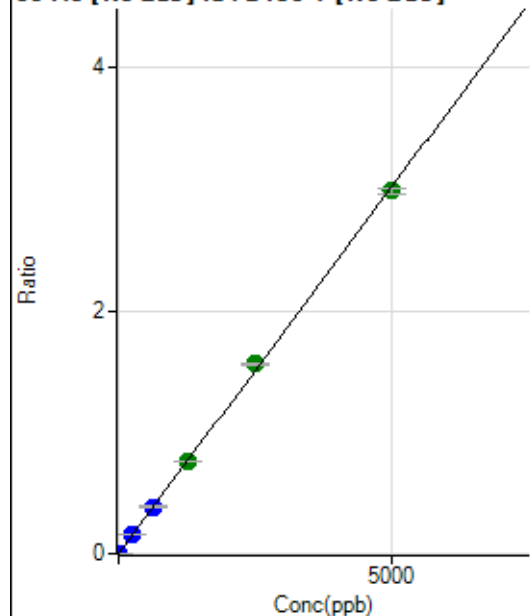
$$DL = 0.0214$$

$$BEC = 0.01378$$

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	41.67	0.0000	P	68.2
2	☐	1.000					
3	☐	10.000	5.048	6740.73	0.0031	P	1.7
4	☐	250.000	260.041	337167.41	0.1569	P	1.0
5	☐	625.000	641.752	842590.01	0.3873	P	1.5
6	☐	1250.000	1262.529	1682364.47	0.7619	A	1.0
7	☐	2500.000	2587.824	3362739.29	1.5616	A	1.0
8	☐	5000.000	4950.370	6815544.34	2.9872	A	1.8
9	☐			3475.55	0.0016	P	2.4

$$y = 6.0343\text{E-}004 * x + 1.8434\text{E-}005$$

$$R = 0.9998$$

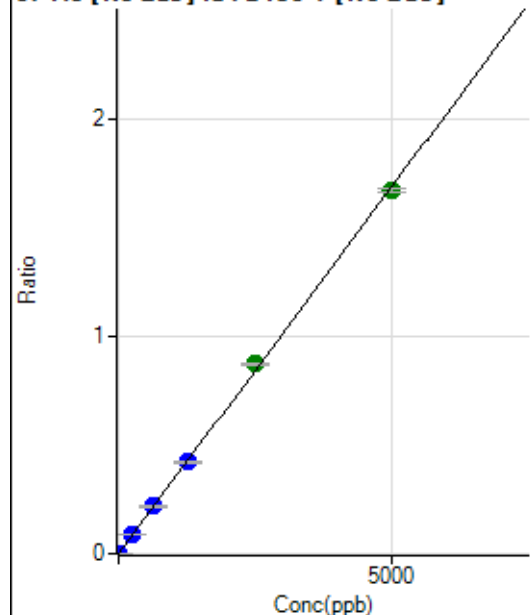
$$DL = 0.06251$$

$$BEC = 0.03055$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0001	P	16.3
2	☐	1.000					
3	☐	10.000	4.758	3664.49	0.0017	P	8.2
4	☐	250.000	257.595	186647.91	0.0869	P	0.3
5	☐	625.000	643.101	471686.05	0.2168	P	1.6
6	☐	1250.000	1254.497	933619.03	0.4228	P	1.4
7	☐	2500.000	2594.025	1882648.18	0.8743	A	1.1
8	☐	5000.000	4949.231	3805742.14	1.6680	A	1.0
9	☐			1783.49	0.0008	P	10.7

$$y = 3.3701\text{E-}004 * x + 6.1656\text{E-}005$$

$$R = 0.9997$$

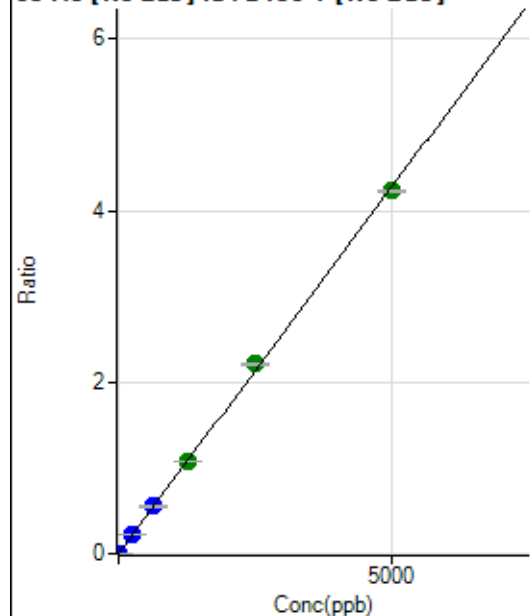
$$DL = 0.08929$$

$$BEC = 0.183$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	63.5
2	☐	1.000					
3	☐	10.000	5.009	9434.05	0.0043	P	0.8
4	☐	250.000	260.692	478266.43	0.2226	P	1.1
5	☐	625.000	646.712	1201451.63	0.5522	P	1.4
6	☐	1250.000	1258.742	2373009.56	1.0748	A	1.9
7	☐	2500.000	2585.522	4753998.33	2.2077	A	0.9
8	☐	5000.000	4951.815	9647183.55	4.2282	A	0.6
9	☐			4225.77	0.0020	P	8.8

$$y = 8.5386\text{E-}004 * x + 1.2420\text{E-}005$$

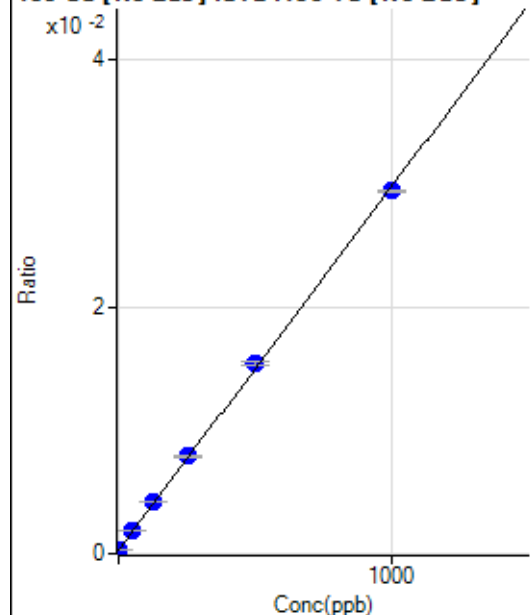
$$R = 0.9998$$

$$DL = 0.02772$$

$$BEC = 0.01455$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.81	0.0003	P	14.4
2	☐	0.100					
3	☐	1.000	0.135	613.92	0.0003	P	4.7
4	☐	50.000	54.901	4139.64	0.0019	P	2.0
5	☐	125.000	132.834	9211.70	0.0042	P	2.0
6	☐	250.000	258.954	17467.23	0.0079	P	1.5
7	☐	500.000	515.241	34121.45	0.0155	P	1.9
8	☐	1000.000	988.917	68183.19	0.0294	P	0.5
9	☐			550.03	0.0003	P	13.4

$$y = 2.9458\text{E-}005 * x + 2.7664\text{E-}004$$

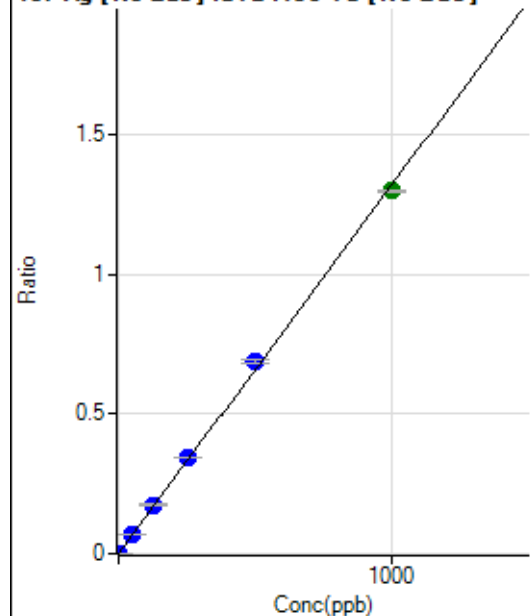
$$R = 0.9998$$

$$DL = 4.061$$

$$BEC = 9.391$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	54.6
2	☐	0.100					
3	☐	1.000	0.953	2794.81	0.0013	P	6.0
4	☐	50.000	53.445	154128.48	0.0705	P	0.5
5	☐	125.000	132.125	382959.83	0.1743	P	2.9
6	☐	250.000	261.453	762002.80	0.3449	P	1.3
7	☐	500.000	522.333	1521147.46	0.6890	P	1.7
8	☐	1000.000	984.907	3011967.88	1.2991	A	0.6
9	☐			2995.35	0.0014	P	43.2

$$y = 0.0013 * x + 1.9673\text{E-}005$$

$$R = 0.9995$$

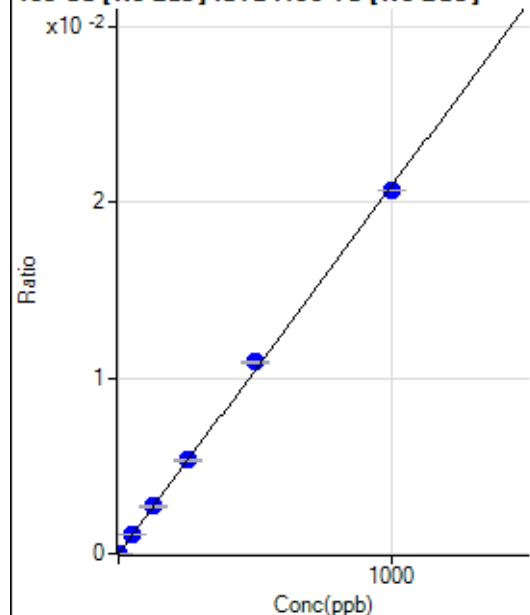
$$DL = 0.02445$$

$$BEC = 0.01492$$

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	4.17	0.0000	P	99.4
2	☐	0.100					
3	☐	1.000	1.035	51.39	0.0000	P	53.4
4	☐	50.000	53.762	2457.20	0.0011	P	2.0
5	☐	125.000	129.097	5926.36	0.0027	P	2.8
6	☐	250.000	254.796	11758.00	0.0053	P	2.4
7	☐	500.000	520.946	24017.31	0.0109	P	1.4
8	☐	1000.000	987.628	47809.29	0.0206	P	0.1
9	☐			19.44	0.0000	P	12.6

$$y = 2.0877\text{E-}005 * x + 1.8253\text{E-}006$$

$$R = 0.9997$$

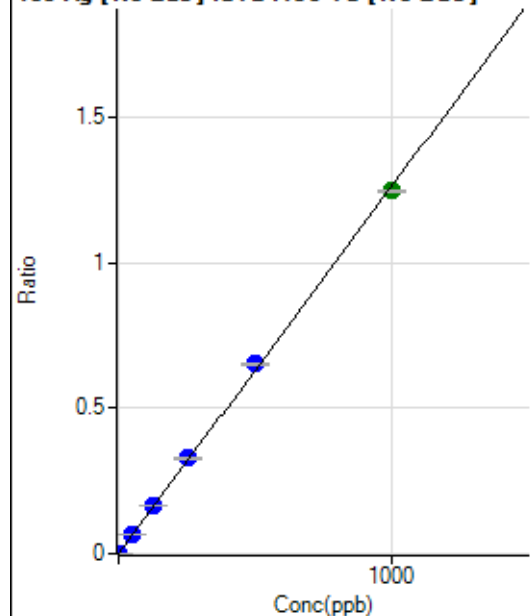
$$DL = 0.2608$$

$$BEC = 0.08743$$

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	27.78	0.0000	P	16.2
2	☐	0.100					
3	☐	1.000	0.966	2692.01	0.0012	P	6.3
4	☐	50.000	52.995	145990.31	0.0668	P	1.3
5	☐	125.000	131.256	363507.30	0.1654	P	1.8
6	☐	250.000	259.715	723150.48	0.3273	P	0.4
7	☐	500.000	516.425	1436859.87	0.6508	P	1.2
8	☐	1000.000	988.427	2887785.40	1.2455	A	0.3
9	☐			2569.77	0.0012	P	32.7

$$y = 0.0013 * x + 1.2235\text{E-}005$$

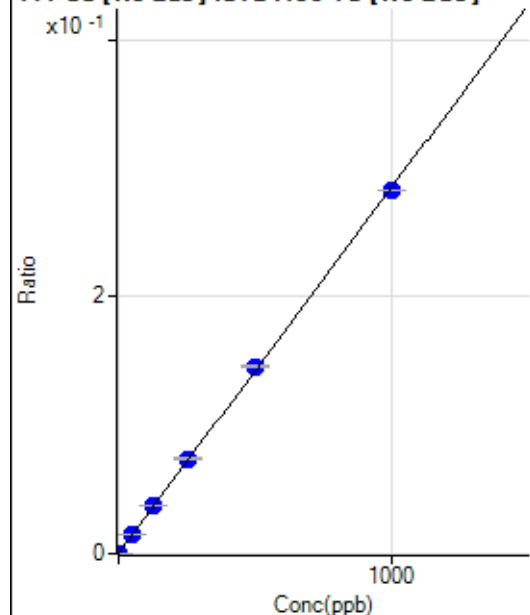
$$R = 0.9997$$

$$DL = 0.004716$$

$$BEC = 0.00971$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	443.49	0.0002	P	14.4
2	☐	0.100					
3	☐	1.000	0.940	1013.24	0.0005	P	2.3
4	☐	50.000	51.790	32656.14	0.0149	P	1.8
5	☐	125.000	129.936	81721.85	0.0372	P	1.6
6	☐	250.000	259.261	163508.23	0.0740	P	0.7
7	☐	500.000	511.566	321981.36	0.1458	P	1.2
8	☐	1000.000	991.196	654664.08	0.2824	P	0.1
9	☐			453.35	0.0002	P	10.6

$$y = 2.8467E-004 * x + 1.9545E-004$$

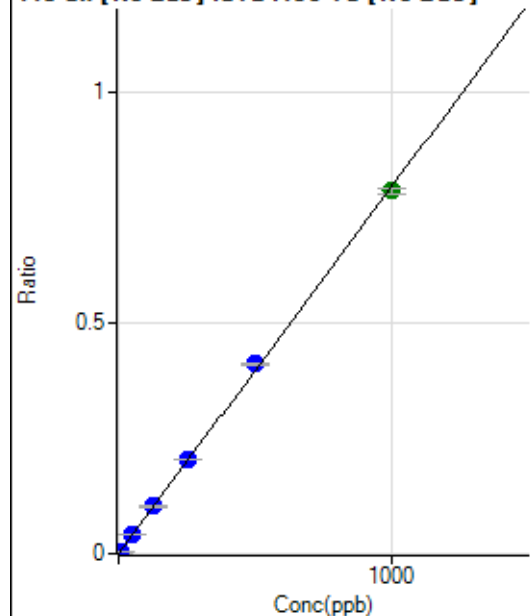
$$R = 0.9998$$

$$DL = 0.2973$$

$$BEC = 0.6866$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.33	0.0001	P	11.6
2	☐	0.500					
3	☐	5.000	4.996	8811.44	0.0040	P	3.2
4	☐	50.000	51.991	90398.46	0.0414	P	0.2
5	☐	125.000	129.049	225400.96	0.1026	P	2.3
6	☐	250.000	257.507	452088.16	0.2046	P	0.6
7	☐	500.000	516.464	905987.72	0.4103	P	0.8
8	☐	1000.000	989.285	1822031.79	0.7859	A	1.7
9	☐			1211.20	0.0006	P	7.1

$$y = 7.9432E-004 * x + 5.8830E-005$$

$$R = 0.9998$$

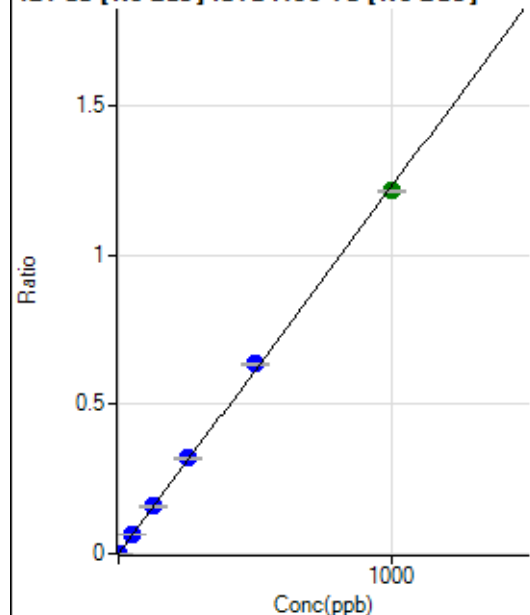
$$DL = 0.02571$$

$$BEC = 0.07406$$

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	8.33	0.0000	P	1.1
2	☐	0.200					
3	☐	2.000	1.873	5042.75	0.0023	P	4.5
4	☐	50.000	51.807	139201.37	0.0637	P	0.4
5	☐	125.000	129.087	348705.43	0.1587	P	1.7
6	☐	250.000	259.777	705525.15	0.3193	P	0.9
7	☐	500.000	517.274	1403885.93	0.6358	P	1.0
8	☐	1000.000	988.318	2816525.06	1.2148	A	0.6
9	☐			3236.59	0.0015	P	2.3

$$y = 0.0012 * x + 3.6736E-006$$

$$R = 0.9997$$

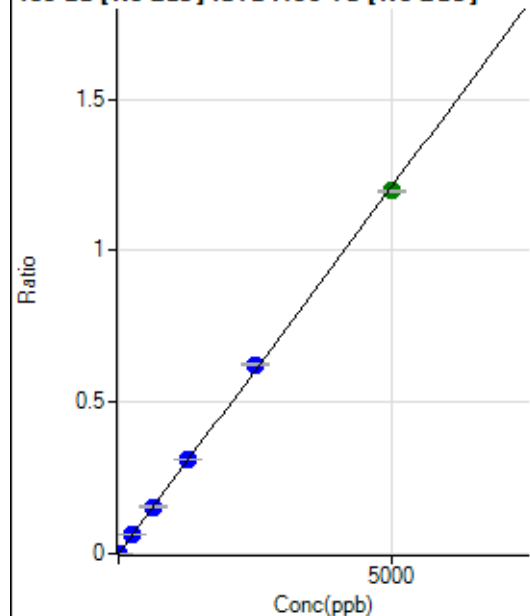
$$DL = 9.483E-05$$

$$BEC = 0.002989$$

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	11.11	0.0000	P	44.1
2	☐	1.000					
3	☐	10.000	9.791	5195.61	0.0024	P	8.1
4	☐	250.000	259.608	137360.88	0.0628	P	0.5
5	☐	625.000	641.405	341212.22	0.1553	P	1.6
6	☐	1250.000	1287.410	688543.34	0.3116	P	0.4
7	☐	2500.000	2581.760	1379850.20	0.6249	P	0.7
8	☐	5000.000	4947.237	2776343.40	1.1975	A	0.3
9	☐			463.91	0.0002	P	5.4

$$y = 2.4205E-004 * x + 4.9093E-006$$

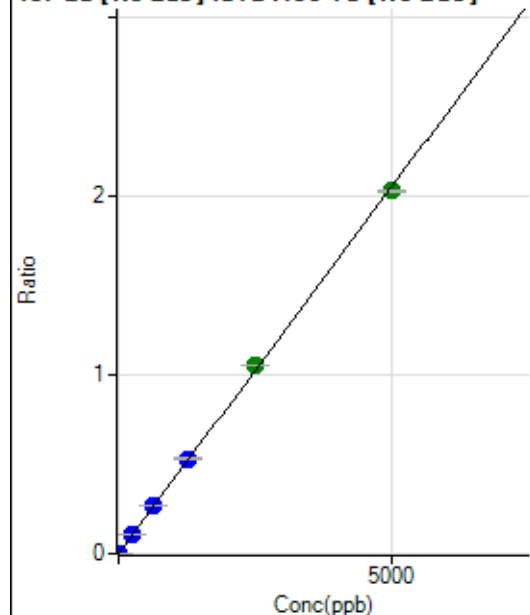
$$R = 0.9998$$

$$DL = 0.02684$$

$$BEC = 0.02028$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.4
2	☐	1.000					
3	☐	10.000	9.975	8978.29	0.0041	P	4.0
4	☐	250.000	260.025	233240.44	0.1067	P	0.6
5	☐	625.000	647.519	583936.75	0.2657	P	1.4
6	☐	1250.000	1296.616	1175581.85	0.5320	P	0.5
7	☐	2500.000	2572.522	2330896.84	1.0556	A	0.5
8	☐	5000.000	4948.769	4707992.77	2.0306	A	0.7
9	☐			794.50	0.0004	P	8.9

$$y = 4.1032\text{E-}004 * x + 9.7956\text{E-}006$$

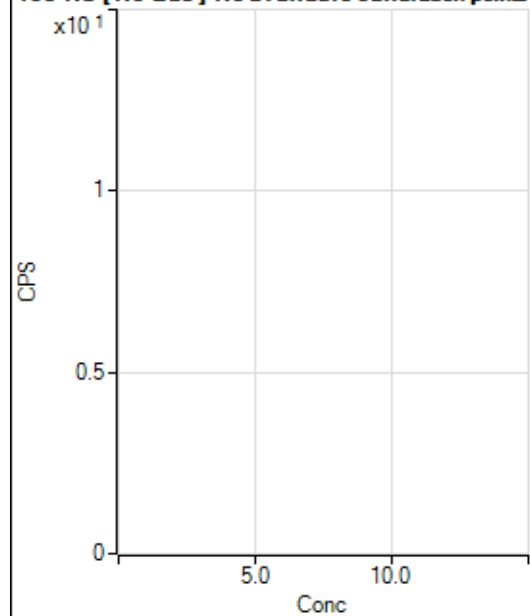
$$R = 0.9998$$

$$DL = 0.0153$$

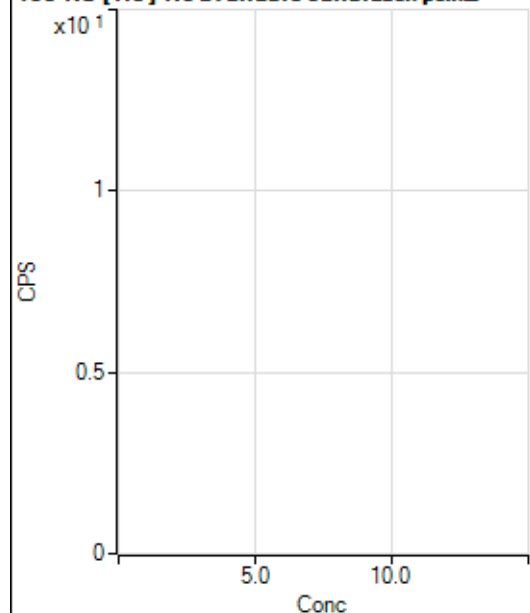
$$BEC = 0.02387$$

Weight: <None>

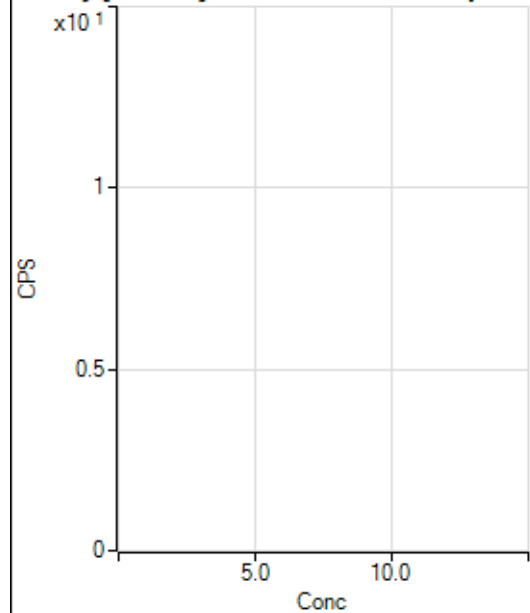
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

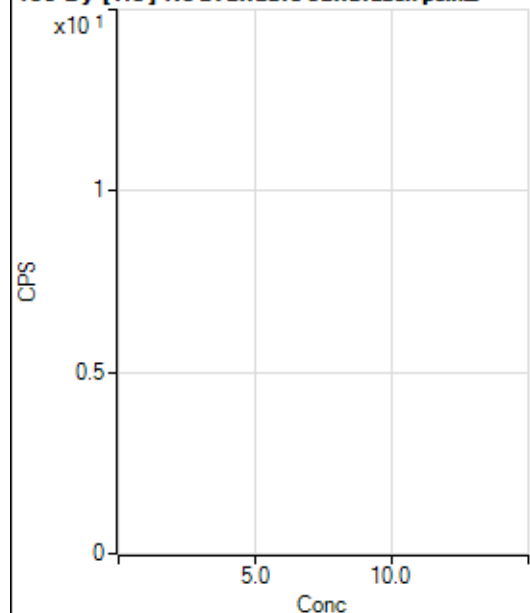
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	173.2
4	☐			15.56		P	137.8
5	☐			15.55		P	24.8
6	☐			51.11		P	27.2
7	☐			75.56		P	10.2
8	☐			142.22		P	2.7
9	☐			35.56		P	21.6

150 Nd [He] No available calibration points

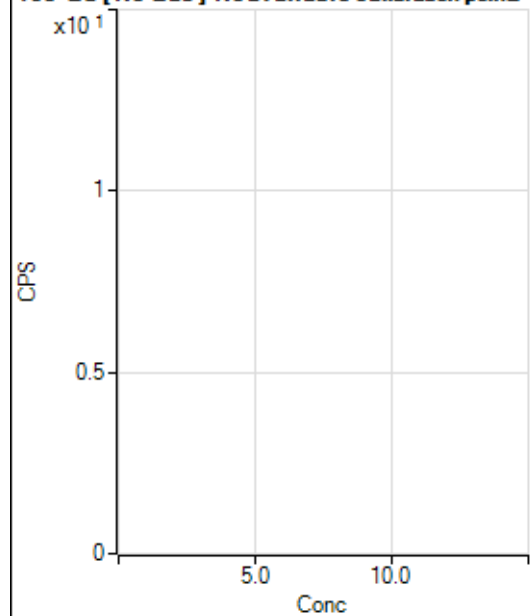
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			2.22		P	173.2
6	☐			2.22		P	86.6
7	☐			12.22		P	63.0
8	☐			33.33		P	20.0
9	☐			17.78		P	10.8

156 Dy [No Gas] No available calibration points

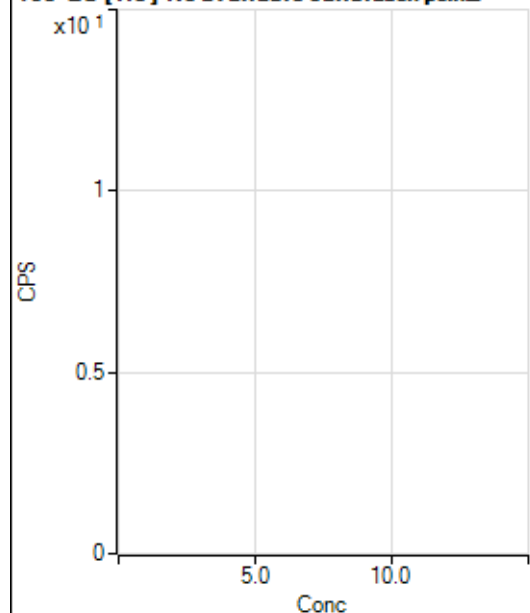
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			2.78		P	173.2
4	☐			5.55		P	86.6
5	☐			8.33		P	173.2
6	☐			8.33		P	0.0
7	☐			27.78		P	45.8
8	☐			30.55		P	15.7
9	☐			25.00		P	33.3

156 Dy [He] No available calibration points

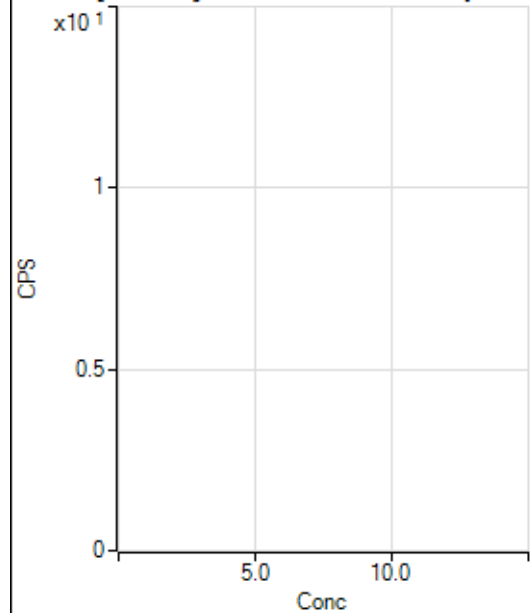
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			8.89		P	78.1
8	☐			14.45		P	48.0
9	☐			15.56		P	75.3

160 Gd [No Gas] Noavailable calibration poin_

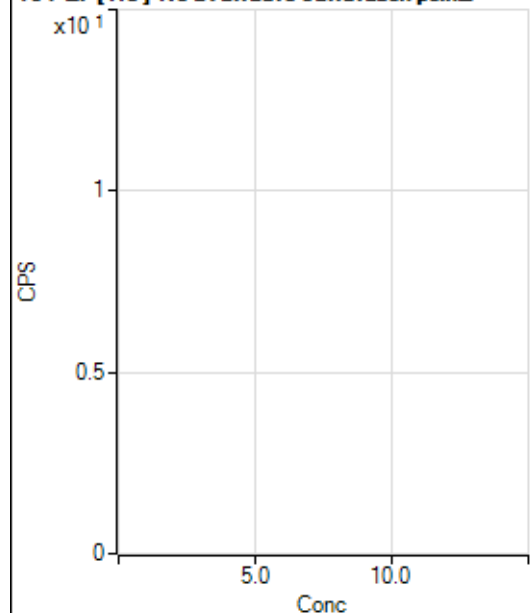
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	86.6
2	☐						
3	☐			22.22		P	86.6
4	☐			27.78		P	62.5
5	☐			11.11		P	86.6
6	☐			25.00		P	66.7
7	☐			16.67		P	50.0
8	☐			27.78		P	17.3
9	☐			30.56		P	31.5

160 Gd [He] No available calibration points

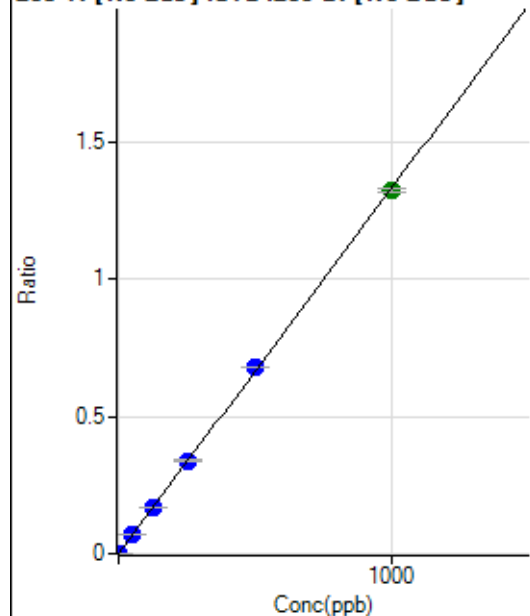
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐						
3	☐			12.22		P	83.3
4	☐			5.56		P	91.6
5	☐			13.34		P	43.3
6	☐			12.22		P	15.7
7	☐			11.11		P	17.3
8	☐			17.78		P	54.1
9	☐			12.22		P	78.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			19.44		P	89.2
4	☐			11.11		P	114.6
5	☐			11.11		P	86.6
6	☐			19.45		P	24.7
7	☐			13.89		P	91.6
8	☐			16.67		P	50.0
9	☐			8.33		P	100.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			6.67		P	86.6
4	☐			8.89		P	43.3
5	☐			5.55		P	69.3
6	☐			5.55		P	124.9
7	☐			14.44		P	81.1
8	☐			10.00		P	66.7
9	☐			14.44		P	53.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	53.7
2	☐	0.100					
3	☐	1.000	0.828	1452.90	0.0011	P	11.2
4	☐	50.000	50.687	85785.35	0.0676	P	0.7
5	☐	125.000	125.817	215760.05	0.1678	P	2.1
6	☐	250.000	254.599	435130.56	0.3395	P	0.5
7	☐	500.000	511.408	864226.69	0.6818	P	0.3
8	☐	1000.000	993.010	1745496.39	1.3239	A	0.9
9	☐			413.91	0.0003	P	13.4

$$y = 0.0013 * x + 2.7828E-005$$

$$R = 0.9999$$

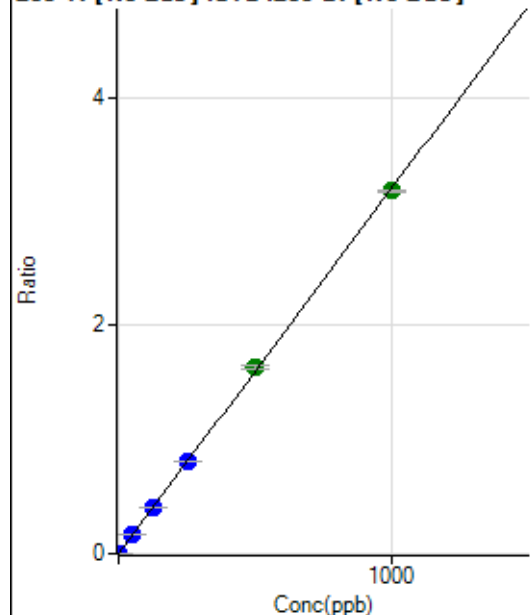
$$DL = 0.0336$$

$$BEC = 0.02087$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0001	P	55.5
2	☐	0.100					
3	☐	1.000	0.953	3981.30	0.0031	P	6.4
4	☐	50.000	51.198	207957.00	0.1639	P	0.8
5	☐	125.000	126.449	520435.29	0.4046	P	1.0
6	☐	250.000	253.981	1041770.63	0.8127	P	0.7
7	☐	500.000	509.917	2068089.13	1.6316	A	1.4
8	☐	1000.000	993.805	4192576.92	3.1799	A	0.2
9	☐			883.39	0.0007	P	11.1

$$y = 0.0032 * x + 5.3502E-005$$

$$R = 0.9999$$

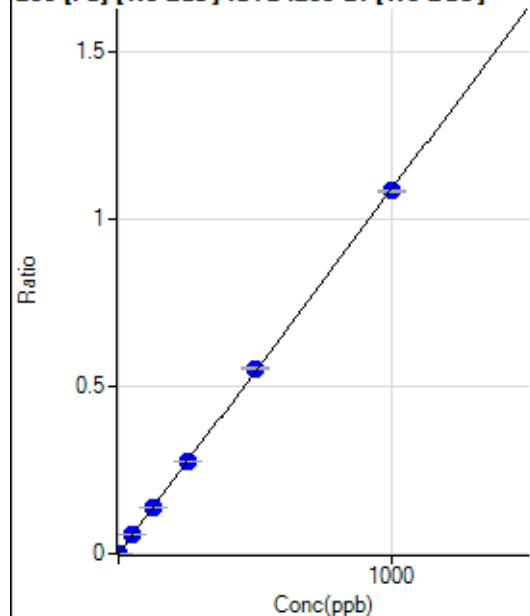
$$DL = 0.02786$$

$$BEC = 0.01672$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.89	0.0001	P	27.0
2	☐	0.100					
3	☐	1.000	0.971	1544.57	0.0012	P	4.5
4	☐	50.000	50.282	69688.11	0.0549	P	0.6
5	☐	125.000	126.048	176783.82	0.1374	P	0.3
6	☐	250.000	251.623	351513.08	0.2742	P	0.3
7	☐	500.000	507.184	700434.59	0.5526	P	1.2
8	☐	1000.000	995.857	1430394.30	1.0849	P	0.5
9	☐			2466.95	0.0020	P	9.8

$$y = 0.0011 * x + 1.4540E-004$$

$$R = 1.0000$$

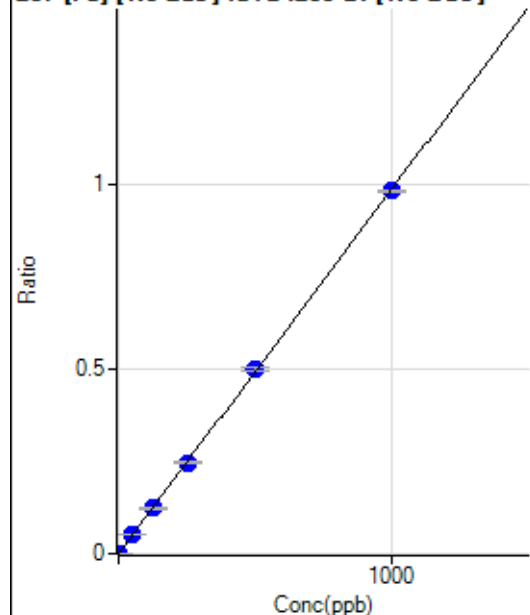
$$DL = 0.1079$$

$$BEC = 0.1335$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	0.908	1331.58	0.0010	P	7.5
4	☐	50.000	50.629	63584.36	0.0501	P	0.5
5	☐	125.000	124.667	158412.55	0.1232	P	1.3
6	☐	250.000	250.665	317260.61	0.2475	P	1.1
7	☐	500.000	506.903	634239.97	0.5004	P	1.2
8	☐	1000.000	996.393	1296638.56	0.9834	P	0.4
9	☐			2248.38	0.0019	P	9.1

$$y = 9.8687\text{E-}004 * x + 1.4112\text{E-}004$$

$$R = 1.0000$$

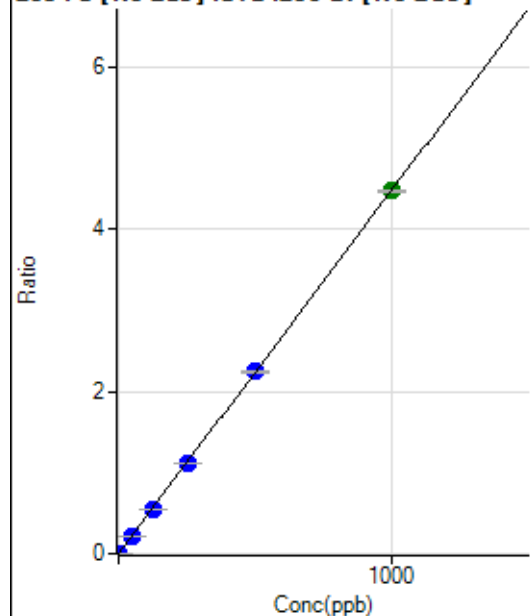
$$DL = 0.0394$$

$$BEC = 0.143$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	761.14	0.0006	P	7.2
2	☐	0.100					
3	☐	1.000	0.930	6085.87	0.0047	P	3.3
4	☐	50.000	49.781	283089.95	0.2231	P	0.6
5	☐	125.000	123.762	712190.39	0.5537	P	0.6
6	☐	250.000	248.506	1424412.29	1.1113	P	0.7
7	☐	500.000	502.918	2849781.21	2.2483	P	1.0
8	☐	1000.000	999.080	5888077.78	4.4659	A	0.3
9	☐			10112.88	0.0084	P	4.8

$$y = 0.0045 * x + 5.8584\text{E-}004$$

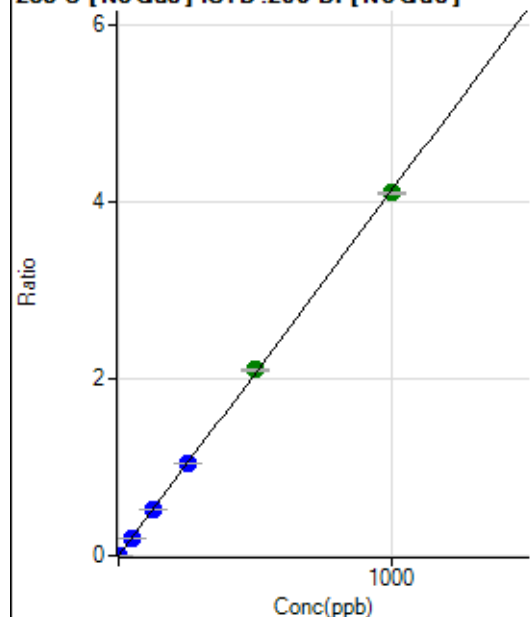
$$R = 1.0000$$

$$DL = 0.02832$$

$$BEC = 0.1311$$

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	33.33	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	0.947	5042.83	0.0039	P	4.6
4	☐	50.000	49.717	259970.51	0.2049	P	0.9
5	☐	125.000	124.471	659651.35	0.5129	P	0.6
6	☐	250.000	253.823	1340517.76	1.0458	P	0.0
7	☐	500.000	509.992	2663304.01	2.1012	A	0.7
8	☐	1000.000	994.129	5400383.71	4.0959	A	0.5
9	☐			494.47	0.0004	P	9.6

$$y = 0.0041 * x + 2.5646E-005$$

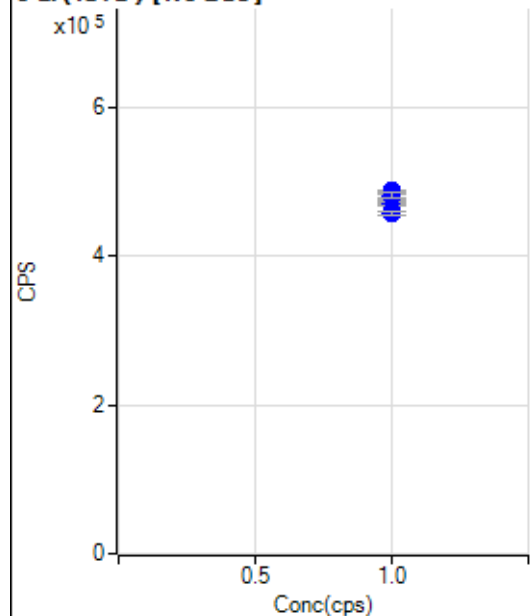
$$R = 0.9999$$

$$DL = 0.004636$$

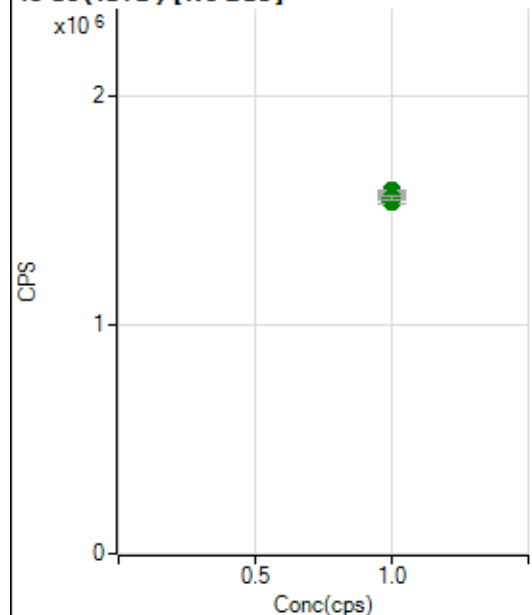
$$BEC = 0.006225$$

Weight: <None>

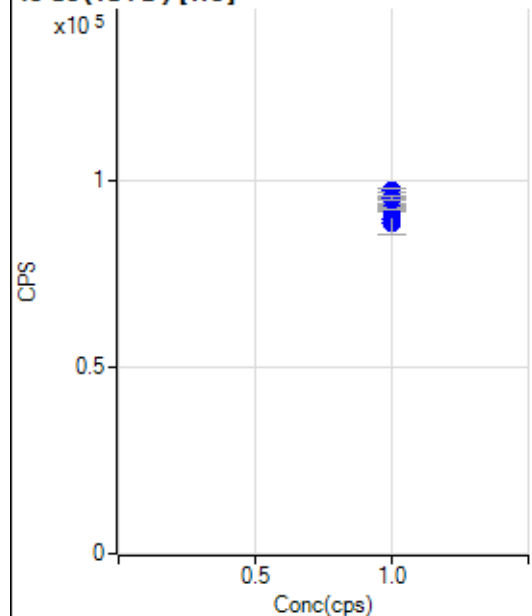
Min Conc: 0

6 Li (ISTD) [No Gas]

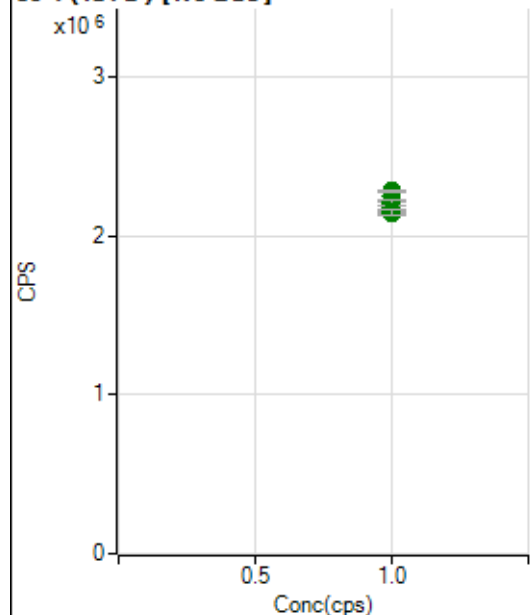
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		488062.94		P	0.5
2	☐	1.000					
3	☐	1.000		484979.35		P	0.3
4	☐	1.000		473311.24		P	0.8
5	☐	1.000		474057.20		P	0.3
6	☐	1.000		471548.34		P	1.0
7	☐	1.000		457706.80		P	1.0
8	☐	1.000		475483.14		P	0.6
9	☐	1.000		482429.46		P	1.6

45 Sc (ISTD) [No Gas]

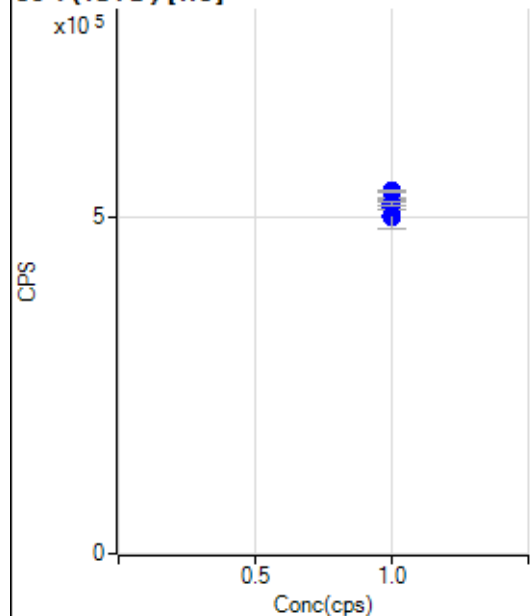
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1568800.72		A	0.5
2	☐	1.000					
3	☐	1.000		1542242.79		A	1.4
4	☐	1.000		1540342.18		A	0.9
5	☐	1.000		1564162.32		A	0.2
6	☐	1.000		1554711.16		A	2.6
7	☐	1.000		1559689.59		A	1.0
8	☐	1.000		1586747.44		A	0.4
9	☐	1.000		1557478.10		A	1.2

45 Sc (ISTD) [He]

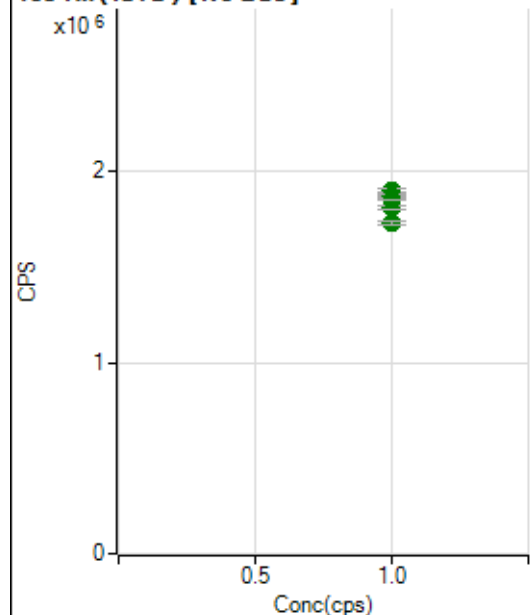
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		88739.42		P	6.5
2	☐	1.000					
3	☐	1.000		89550.53		P	9.0
4	☐	1.000		92502.60		P	0.4
5	☐	1.000		95770.74		P	0.6
6	☐	1.000		94636.95		P	1.2
7	☐	1.000		94783.16		P	1.5
8	☐	1.000		97301.19		P	0.9
9	☐	1.000		95477.42		P	1.0

89 Y (ISTD) [No Gas]

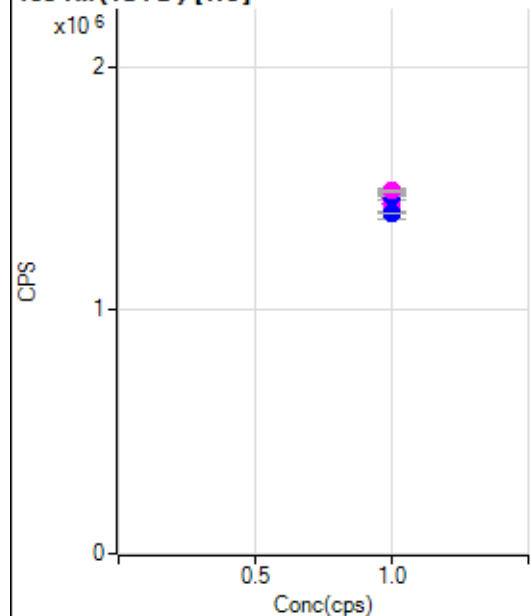
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2250544.08		A	2.0
2	☐	1.000					
3	☐	1.000		2199432.80		A	1.1
4	☐	1.000		2148506.74		A	0.6
5	☐	1.000		2176009.55		A	1.5
6	☐	1.000		2208294.81		A	1.5
7	☐	1.000		2153570.68		A	1.4
8	☐	1.000		2281673.63		A	0.4
9	☐	1.000		2146225.92		A	1.5

89 Y (ISTD) [He]

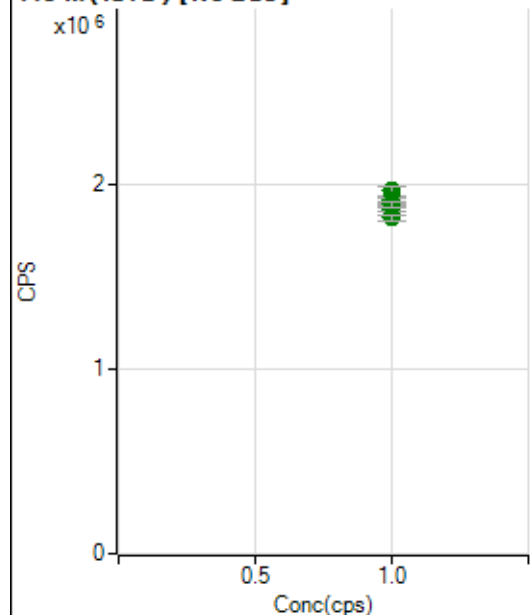
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		500267.27		P	6.9
2	☐	1.000					
3	☐	1.000		504828.77		P	8.5
4	☐	1.000		514623.45		P	0.9
5	☐	1.000		527958.75		P	0.3
6	☐	1.000		526475.35		P	0.2
7	☐	1.000		529817.95		P	0.2
8	☐	1.000		540006.62		P	0.2
9	☐	1.000		521357.34		P	0.9

103 Rh (ISTD) [No Gas]

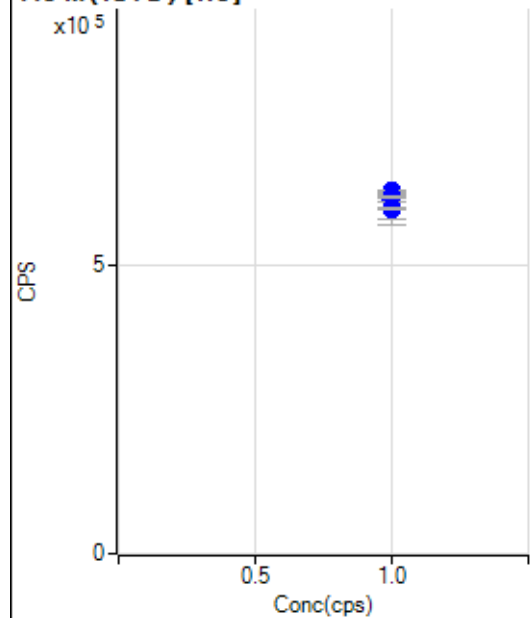
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1896850.04		A	0.9
2	☐	1.000					
3	☐	1.000		1870056.85		A	0.3
4	☐	1.000		1867169.44		A	1.4
5	☐	1.000		1872288.24		A	1.2
6	☐	1.000		1853209.70		A	0.5
7	☐	1.000		1809358.83		A	0.6
8	☐	1.000		1850071.85		A	0.5
9	☐	1.000		1727689.08		A	1.2

103 Rh (ISTD) [He]

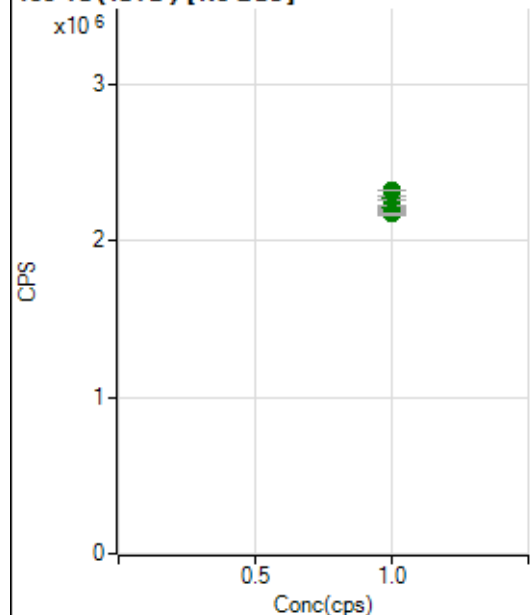
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1449135.05		M	6.0
2	☐	1.000					
3	☐	1.000		1438507.15		M	8.9
4	☐	1.000		1460596.77		M	1.2
5	☐	1.000		1480222.79		A	1.4
6	☐	1.000		1476732.82		P	0.3
7	☐	1.000		1471126.71		P	0.4
8	☐	1.000		1489245.00		M	0.7
9	☐	1.000		1396625.86		P	0.4

115 In (ISTD) [No Gas]

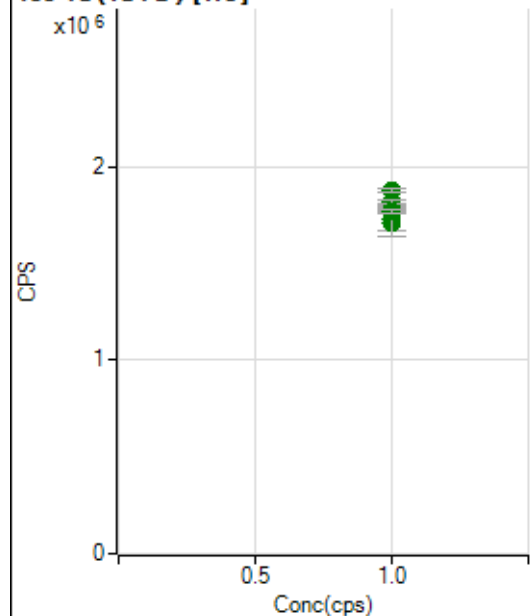
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1969732.64		A	2.4
2	☐	1.000					
3	☐	1.000		1920024.53		A	1.2
4	☐	1.000		1892989.50		A	1.1
5	☐	1.000		1891594.46		A	0.5
6	☐	1.000		1917927.47		A	1.5
7	☐	1.000		1868665.71		A	0.7
8	☐	1.000		1895667.74		A	1.8
9	☐	1.000		1822958.41		A	1.8

115 In (ISTD) [He]

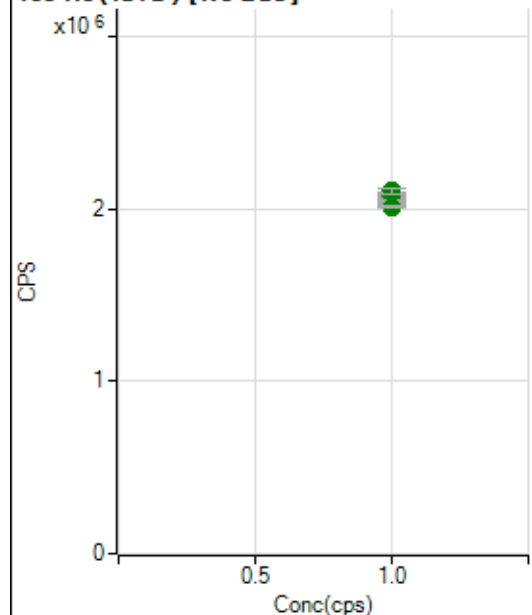
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		599625.43		P	7.4
2	☐	1.000					
3	☐	1.000		598083.92		P	9.5
4	☐	1.000		611644.75		P	1.1
5	☐	1.000		627365.81		P	0.8
6	☐	1.000		617857.30		P	0.4
7	☐	1.000		617199.50		P	0.4
8	☐	1.000		617241.05		P	0.3
9	☐	1.000		595660.48		P	0.5

159 Tb (ISTD) [No Gas]

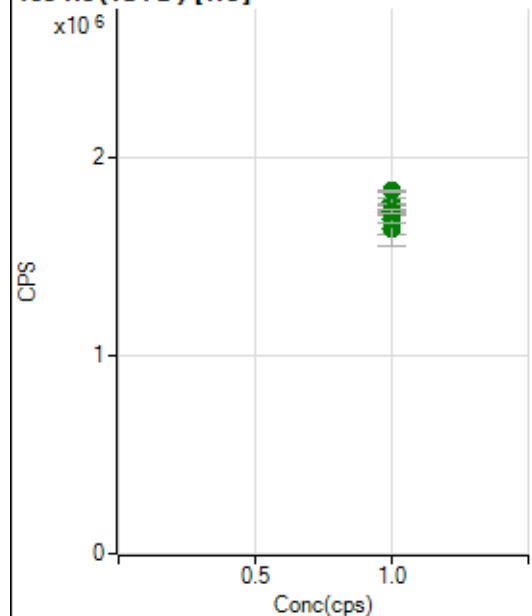
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267718.99		A	1.1
2	☐	1.000					
3	☐	1.000		2187835.78		A	1.0
4	☐	1.000		2185854.06		A	0.6
5	☐	1.000		2198154.53		A	2.1
6	☐	1.000		2209613.23		A	0.5
7	☐	1.000		2208186.54		A	1.2
8	☐	1.000		2318521.46		A	0.2
9	☐	1.000		2172600.07		A	0.5

159 Tb (ISTD) [He]

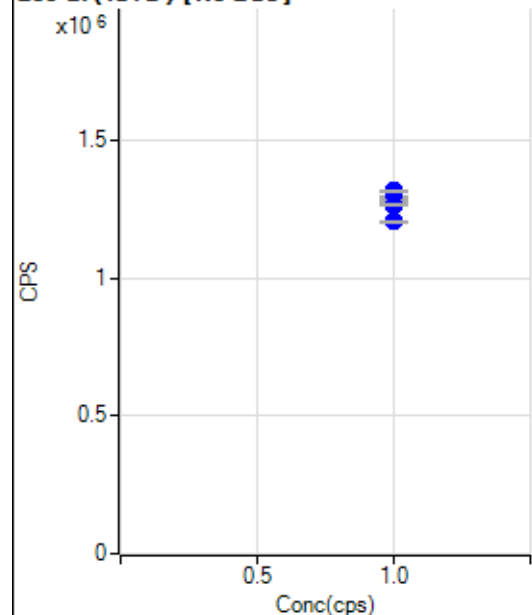
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1729473.84		A	6.6
2	☐	1.000					
3	☐	1.000		1713698.07		A	8.9
4	☐	1.000		1771921.68		A	0.6
5	☐	1.000		1800067.25		A	0.4
6	☐	1.000		1804789.32		A	0.7
7	☐	1.000		1819769.89		A	1.3
8	☐	1.000		1875279.47		A	1.2
9	☐	1.000		1768868.90		A	1.3

165 Ho (ISTD) [No Gas]

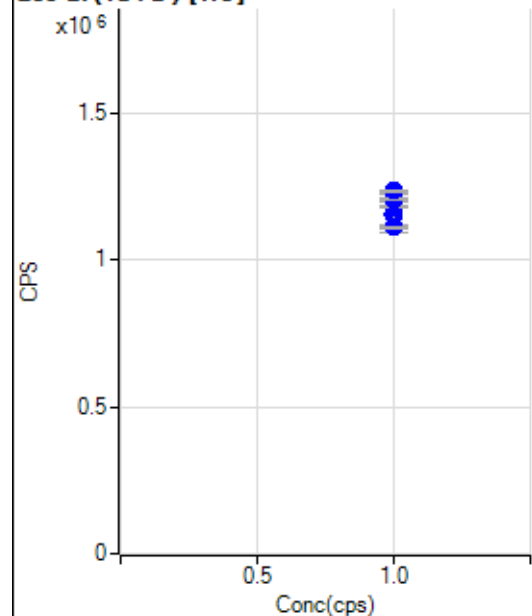
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2084863.94		A	1.1
2	☐	1.000					
3	☐	1.000		2043896.79		A	0.8
4	☐	1.000		2024219.93		A	0.4
5	☐	1.000		2043313.78		A	1.3
6	☐	1.000		2074313.26		A	1.6
7	☐	1.000		2047034.70		A	0.4
8	☐	1.000		2102778.21		A	1.3
9	☐	1.000		2008362.98		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1675532.02		A	7.1
2	☐	1.000					
3	☐	1.000		1646641.40		A	10.5
4	☐	1.000		1695299.11		A	2.4
5	☐	1.000		1744069.63		A	1.8
6	☐	1.000		1730252.32		A	0.8
7	☐	1.000		1784296.42		A	1.8
8	☐	1.000		1835617.82		A	0.8
9	☐	1.000		1729868.22		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1299249.76		P	0.3
2	☐	1.000					
3	☐	1.000		1283445.79		P	0.5
4	☐	1.000		1269013.92		P	0.7
5	☐	1.000		1286213.64		P	0.8
6	☐	1.000		1281829.75		P	0.5
7	☐	1.000		1267527.65		P	0.5
8	☐	1.000		1318474.84		P	0.5
9	☐	1.000		1206288.11		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1155139.05		P	6.8
2	☐	1.000					
3	☐	1.000		1150488.88		P	9.8
4	☐	1.000		1179399.66		P	0.6
5	☐	1.000		1212438.66		P	1.3
6	☐	1.000		1203267.93		P	0.6
7	☐	1.000		1206284.26		P	0.8
8	☐	1.000		1234708.03		P	0.3
9	☐	1.000		1110561.74		P	0.3