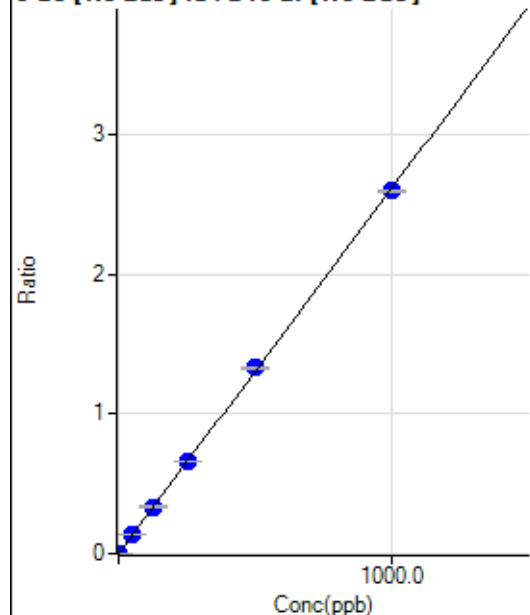


Batch Folder: D:\ICP-MS Data\P7012617-MS.b\
Analysis File: P7012617-MS.batch.bin
DA Date-Time: 2017-01-27 01:43:35
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALS.d	S00	2017-01-26 17:50:51
2			
3	004CALS.d	S02	2017-01-26 17:59:06
4	005CALS.d	S03	2017-01-26 18:02:58
5	006CALS.d	S04	2017-01-26 18:07:05
6	007CALS.d	S05	2017-01-26 18:10:53
7	008CALS.d	S06	2017-01-26 18:14:41
8	009CALS.d	S07	2017-01-26 18:18:21
9	010CALS.d	S08	2017-01-26 18:21:58

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	43.3
2	☐	0.100					
3	☐	1.000	0.984	818.56	0.0026	P	10.5
4	☐	50.000	51.697	42697.63	0.1353	P	0.3
5	☐	125.000	128.476	109833.84	0.3363	P	1.4
6	☐	250.000	253.061	216116.46	0.6623	P	0.8
7	☐	500.000	509.330	434545.31	1.3328	P	0.6
8	☐	1000.000	994.050	842340.26	2.6012	P	0.6
9	☐			240.75	0.0008	P	7.7

$$y = 0.0026 * x + 7.2377E-005$$

$$R = 0.9999$$

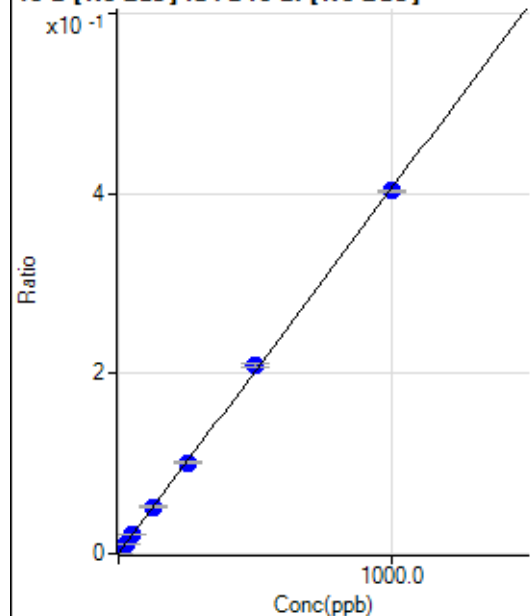
$$DL = 0.03597$$

$$BEC = 0.02766$$

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	208.34	0.0007	P	10.6
2	☐	2.500					
3	☐	25.000	25.537	3414.40	0.0110	P	10.1
4	☐	50.000	51.720	6832.36	0.0217	P	2.9
5	☐	125.000	125.933	16904.57	0.0518	P	3.7
6	☐	250.000	248.170	33073.11	0.1013	P	2.2
7	☐	500.000	514.293	68229.58	0.2093	P	2.1
8	☐	1000.000	993.095	130662.41	0.4035	P	0.9
9	☐			2000.22	0.0065	P	11.1

$$y = 4.0562E-004 * x + 6.7844E-004$$

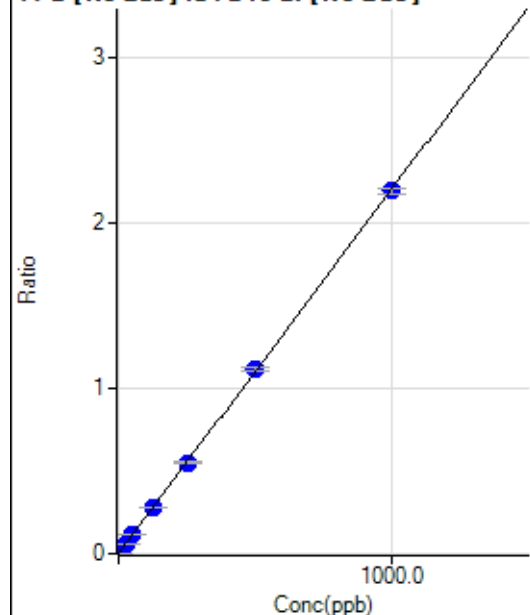
$$R = 0.9998$$

$$DL = 0.5334$$

$$BEC = 1.673$$

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	1069.52	0.0035	P	9.3
2	☐	2.500					
3	☐	25.000	24.022	17407.79	0.0563	P	2.3
4	☐	50.000	50.015	35779.41	0.1134	P	1.0
5	☐	125.000	125.925	91546.18	0.2803	P	1.9
6	☐	250.000	249.080	179807.95	0.5509	P	1.5
7	☐	500.000	508.426	365460.90	1.1210	P	2.1
8	☐	1000.000	995.925	709999.75	2.1925	P	1.5
9	☐			11068.39	0.0362	P	9.0

$$y = 0.0022 * x + 0.0035$$

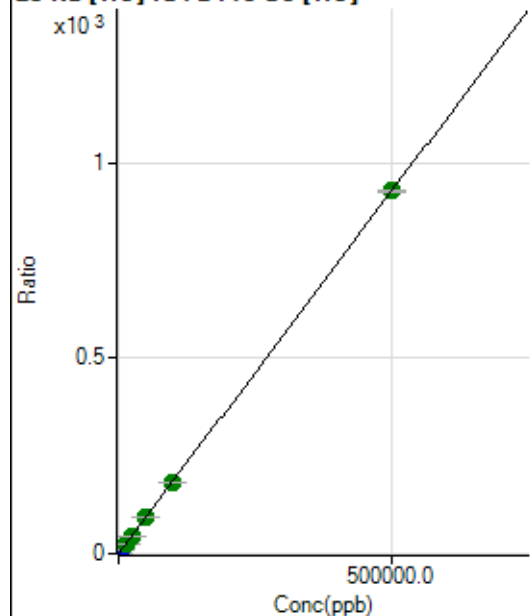
$$R = 0.9999$$

$$DL = 0.4398$$

$$BEC = 1.584$$

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	11421.45	0.0568	P	3.6
2	☐	50.000					
3	☐	500.000	477.441	191182.20	0.9424	P	0.9
4	☐	5000.000	5101.122	1929100.80	9.5190	P	0.7
5	☐	12500.000	12700.191	4725285.22	23.6147	A	0.7
6	☐	25000.000	24993.127	9330625.55	46.4172	A	0.3
7	☐	50000.000	50216.493	18804029.93	93.2047	A	0.7
8	☐	100000.00	97755.082	37035110.90	181.3854	A	1.0
9	☐	500000.00	500421.68	184208620.7	928.3029	A	0.8

$$y = 0.0019 * x + 0.0568$$

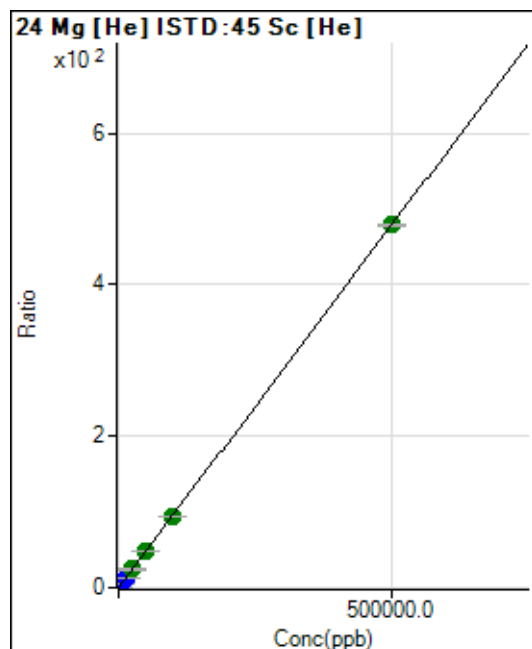
$$R = 1.0000$$

$$DL = 3.343$$

$$BEC = 30.6$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0008	P	26.7
2	☐	50.000					
3	☐	500.000	480.103	93379.40	0.4603	P	0.3
4	☐	5000.000	5154.152	999783.99	4.9333	P	1.0
5	☐	12500.000	13012.718	2492024.34	12.4539	P	0.3
6	☐	25000.000	25206.751	4849236.70	24.1234	A	0.2
7	☐	50000.000	50369.568	9724608.46	48.2040	A	1.5
8	☐	100000.00	97746.314	19100186.02	93.5430	A	0.4
9	☐	500000.00	500389.10	95024409.76	478.8678	A	0.6

$$y = 9.5699\text{E-}004 * x + 8.2851\text{E-}004$$

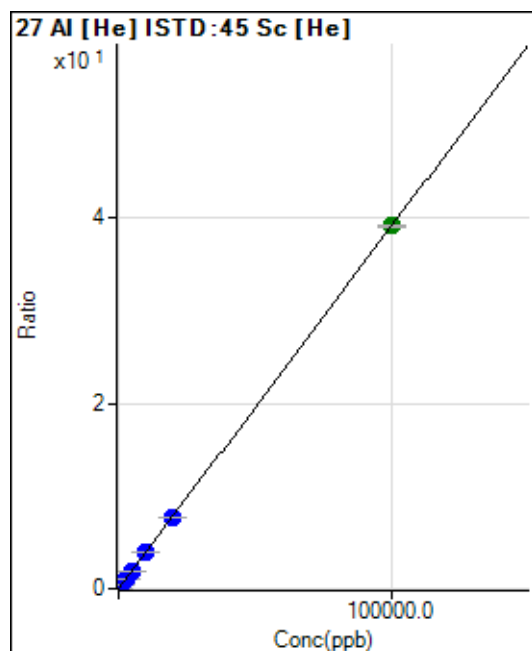
$$R = 1.0000$$

$$DL = 0.6925$$

$$BEC = 0.8657$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0002	P	40.0
2	☐	2.000					
3	☐	20.000	19.951	1627.93	0.0080	P	11.2
4	☐	1000.000	1007.824	80045.11	0.3950	P	1.1
5	☐	2500.000	2572.444	201670.24	1.0078	P	1.0
6	☐	5000.000	5014.585	394890.21	1.9644	P	0.8
7	☐	10000.000	10060.712	795066.74	3.9410	P	1.0
8	☐	20000.000	19632.231	1570261.74	7.6902	P	0.2
9	☐	100000.00	100064.86	7777838.63	39.1959	A	0.3

$$y = 3.9170\text{E-}004 * x + 2.0709\text{E-}004$$

$$R = 1.0000$$

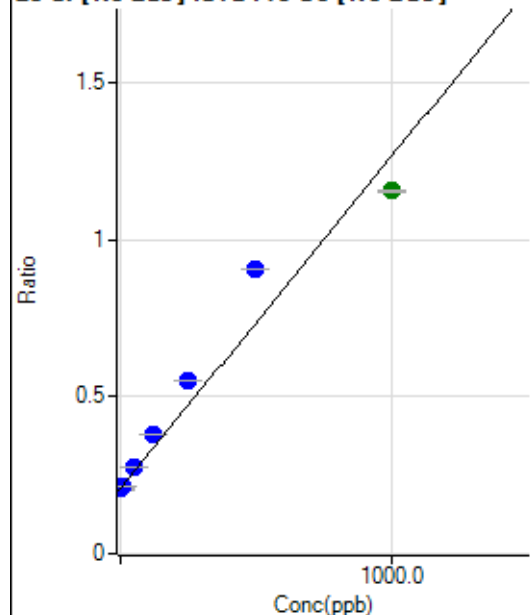
$$DL = 0.6344$$

$$BEC = 0.5287$$

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	803999.31	0.2050	P	0.3
2	☐	1.000					
3	☐	10.000	7.027	830379.09	0.2124	P	0.4
4	☐	50.000	68.074	1078482.27	0.2771	P	0.7
5	☐	125.000	165.464	1486366.28	0.3804	P	0.9
6	☐	250.000	327.775	2147874.25	0.5525	P	0.3
7	☐	500.000	659.362	3526767.01	0.9041	P	0.2
8	☐	1000.000	894.943	4496171.50	1.1539	A	0.4
9	☐			1369201.58	0.3598	P	0.7

$$y = 0.0011 * x + 0.2050$$

$$R = 0.9751$$

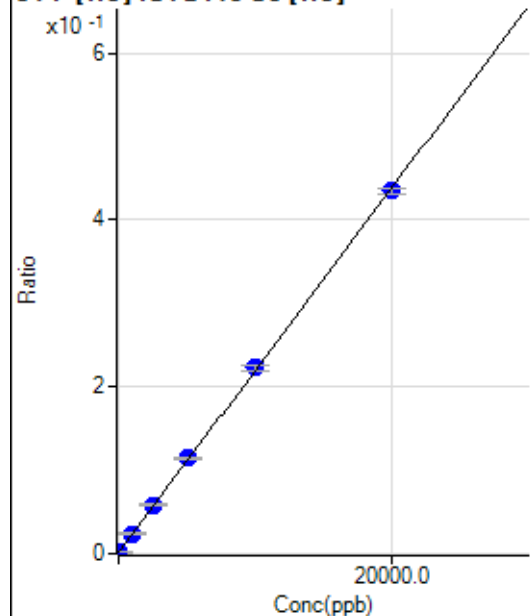
$$DL = 1.734$$

$$BEC = 193.3$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.159	194.45	0.0010	P	32.1
2	☐	0.000					
3	☐	0.000	10.159	286.13	0.0014	P	25.1
4	☐	1000.000	1035.442	4820.41	0.0238	P	3.6
5	☐	2500.000	2628.284	11716.19	0.0585	P	3.7
6	☐	5000.000	5171.498	22926.71	0.1141	P	0.4
7	☐	10000.000	10160.318	44971.88	0.2229	P	2.7
8	☐	20000.000	19859.159	88749.91	0.4346	P	1.6
9	☐			222.23	0.0011	P	34.1

$$y = 2.1825E-005 * x + 0.0012$$

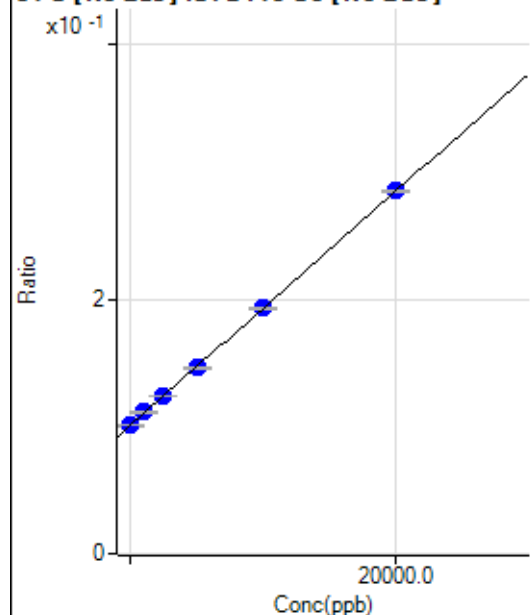
$$R = 0.9999$$

$$DL = 45.58$$

$$BEC = 54.42$$

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	-40.261	394618.92	0.1006	P	1.6
2	☐	0.000					
3	☐	0.000	40.261	396176.07	0.1013	P	0.6
4	☐	1000.000	1124.023	433125.34	0.1113	P	1.3
5	☐	2500.000	2516.792	484912.07	0.1241	P	0.7
6	☐	5000.000	4926.218	568499.73	0.1463	P	0.7
7	☐	10000.000	9978.301	751620.66	0.1927	P	0.4
8	☐	20000.000	20020.995	1110430.59	0.2850	P	0.5
9	☐			401719.63	0.1056	P	0.7

$$y = 9.1914\text{E-}006 * x + 0.1010$$

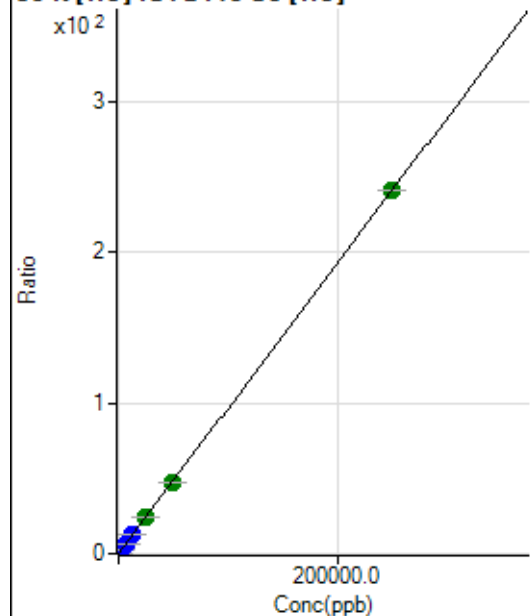
$$R = 1.0000$$

$$DL = 362.2$$

$$BEC = 1.099\text{E}+04$$

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	34115.31	0.1695	P	0.7
2	☐	50.000					
3	☐	500.000	476.856	127435.12	0.6282	P	1.4
4	☐	2500.000	2557.605	532891.89	2.6295	P	0.2
5	☐	6250.000	6430.546	1271542.30	6.3545	P	0.3
6	☐	12500.000	12602.947	2470765.46	12.2913	P	0.3
7	☐	25000.000	24956.690	4876865.87	24.1733	A	0.6
8	☐	50000.000	48832.249	9624729.29	47.1373	A	0.7
9	☐	250000.00	250227.69	47791591.00	240.8431	A	0.2

$$y = 9.6182\text{E-}004 * x + 0.1695$$

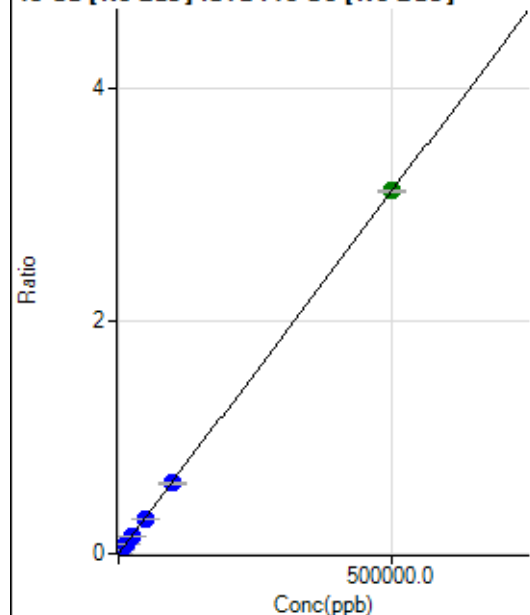
$$R = 1.0000$$

$$DL = 3.569$$

$$BEC = 176.2$$

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	252.79	0.0001	P	56.8
2	☐	50.000					
3	☐	500.000	460.195	11474.33	0.0029	P	1.3
4	☐	5000.000	4937.610	120106.87	0.0309	P	0.2
5	☐	12500.000	12258.043	299009.59	0.0765	P	0.2
6	☐	25000.000	24371.664	591203.47	0.1521	P	0.4
7	☐	50000.000	48869.550	1189340.53	0.3049	P	0.4
8	☐	100000.00	96874.505	2354740.42	0.6043	P	0.4
9	☐	500000.00	500776.27	11887827.52	3.1238	A	0.6

$$y = 6.2378E-006 * x + 6.4467E-005$$

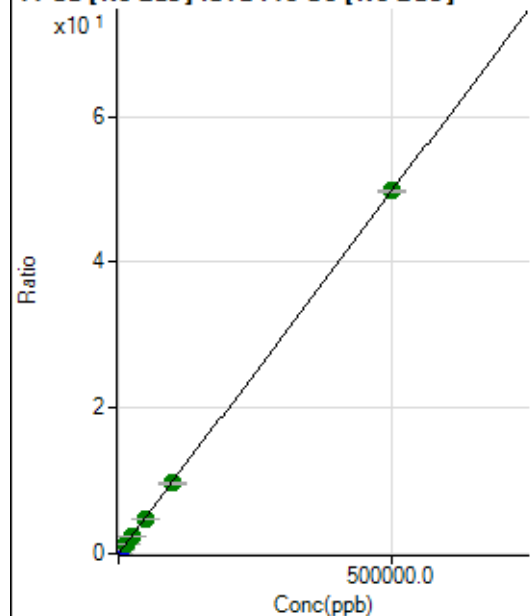
$$R = 1.0000$$

$$DL = 17.61$$

$$BEC = 10.33$$

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	19652.74	0.0050	P	1.5
2	☐	50.000					
3	☐	500.000	470.670	202465.15	0.0518	P	0.7
4	☐	5000.000	5008.042	1956435.15	0.5028	P	0.8
5	☐	12500.000	12355.212	4817484.61	1.2330	A	1.1
6	☐	25000.000	24437.063	9460722.00	2.4338	A	1.0
7	☐	50000.000	48739.490	18915400.25	4.8492	A	0.5
8	☐	100000.00	97175.189	37650830.35	9.6633	A	0.9
9	☐	500000.00	500722.72	189404713.9	49.7719	A	0.6

$$y = 9.9390E-005 * x + 0.0050$$

$$R = 1.0000$$

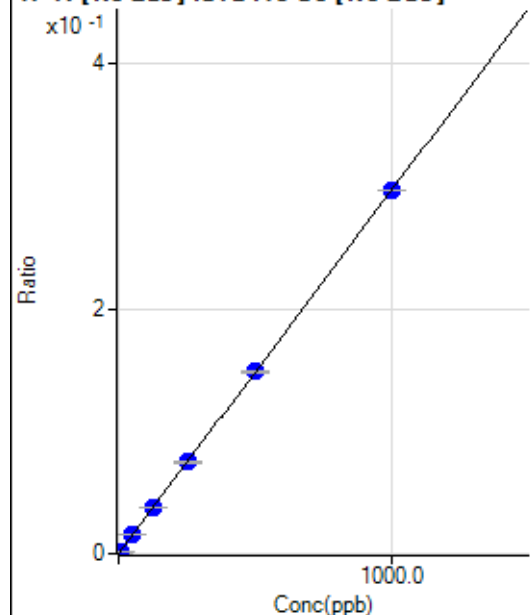
$$DL = 2.216$$

$$BEC = 50.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	427.81	0.0001	P	105.
2	☐	0.500					
3	☐	5.000	4.333	5448.44	0.0014	P	4.4
4	☐	50.000	50.731	58968.63	0.0152	P	0.4
5	☐	125.000	127.205	147815.65	0.0378	P	0.8
6	☐	250.000	252.008	290944.21	0.0748	P	0.8
7	☐	500.000	500.955	579920.00	0.1487	P	0.4
8	☐	1000.000	998.712	1154419.52	0.2963	P	0.1
9	☐			1638.09	0.0004	P	11.4

$$y = 2.9655E-004 * x + 1.0878E-004$$

$$R = 1.0000$$

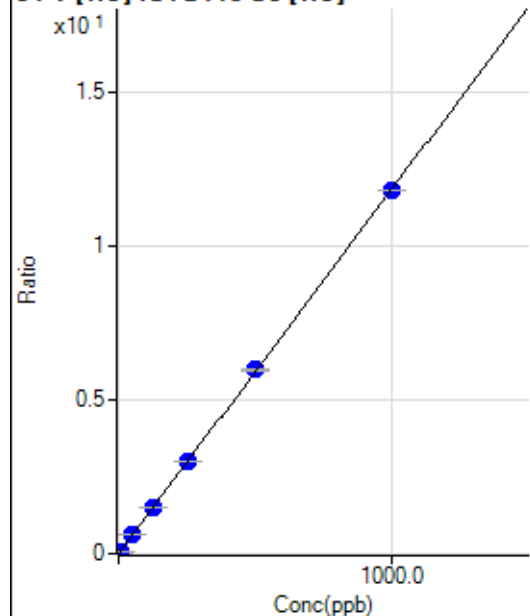
$$DL = 1.16$$

$$BEC = 0.3668$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0002	P	6.0
2	☐	0.500					
3	☐	5.000	4.821	11625.88	0.0573	P	0.8
4	☐	50.000	51.088	122770.07	0.6058	P	0.4
5	☐	125.000	127.807	303208.18	1.5153	P	0.8
6	☐	250.000	252.586	601942.78	2.9945	P	0.3
7	☐	500.000	504.736	1207186.49	5.9836	P	0.4
8	☐	1000.000	996.581	2412369.63	11.8143	P	0.1
9	☐			952.27	0.0048	P	13.5

$$y = 0.0119 * x + 1.5457E-004$$

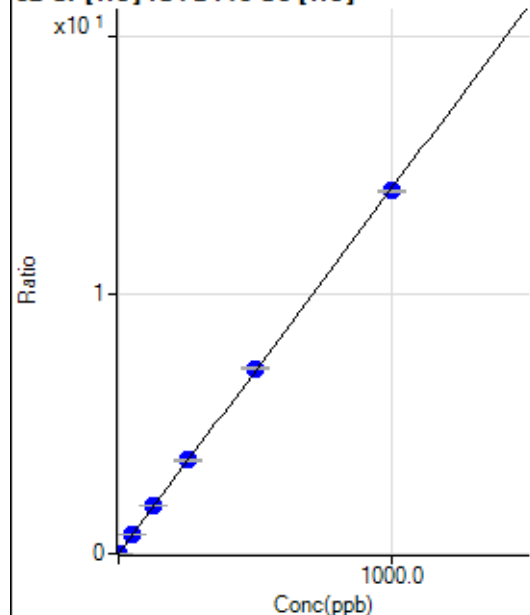
$$R = 1.0000$$

$$DL = 0.00234$$

$$BEC = 0.01304$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	710.03	0.0035	P	3.3
2	☐	0.200					
3	☐	2.000	2.015	6481.52	0.0319	P	3.7
4	☐	50.000	51.968	149262.26	0.7365	P	0.2
5	☐	125.000	129.669	366669.62	1.8324	P	0.4
6	☐	250.000	255.308	724575.29	3.6045	P	0.6
7	☐	500.000	508.224	1446904.22	7.1718	P	0.1
8	☐	1000.000	993.879	2863024.44	14.0217	P	0.3
9	☐			84315.99	0.4249	P	0.6

$$y = 0.0141 * x + 0.0035$$

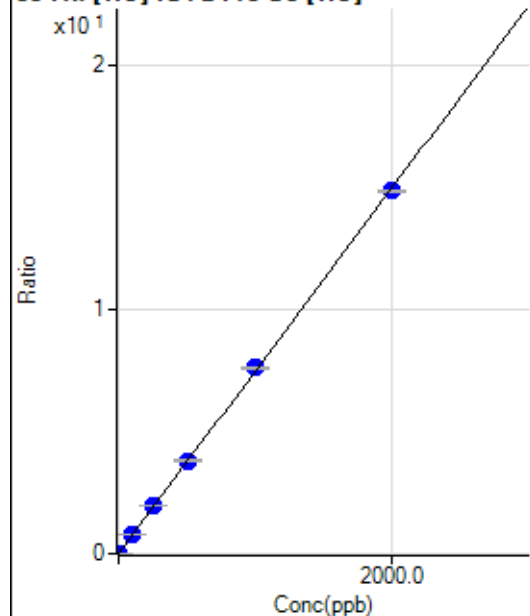
$$R = 0.9999$$

$$DL = 0.02456$$

$$BEC = 0.2501$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1111.17	0.0055	P	11.5
2	☐	0.100					
3	☐	1.000	1.031	2684.74	0.0132	P	7.5
4	☐	100.000	103.918	158657.72	0.7829	P	0.9
5	☐	250.000	259.409	389400.32	1.9460	P	0.5
6	☐	500.000	509.917	767884.65	3.8200	P	0.7
7	☐	1000.000	1017.404	1536544.15	7.6163	P	0.6
8	☐	2000.000	1987.446	3036802.28	14.8727	P	0.4
9	☐			11536.89	0.0581	P	0.8

$$y = 0.0075 * x + 0.0055$$

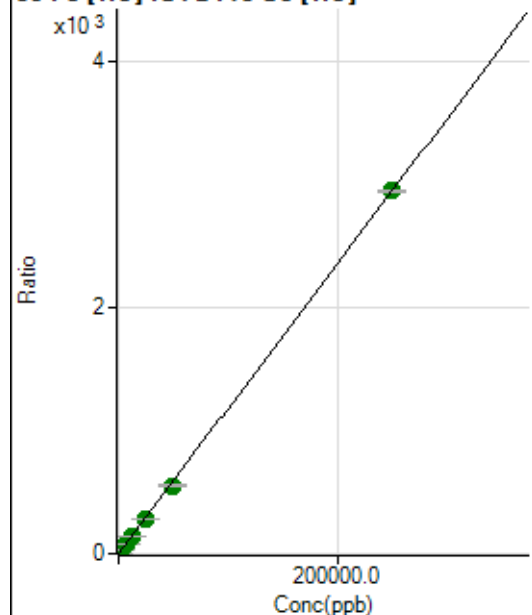
$$R = 0.9999$$

$$DL = 0.2536$$

$$BEC = 0.7382$$

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	8743.57	0.0434	P	4.6
2	☐	5.000					
3	☐	50.000	49.636	127237.61	0.6271	P	5.1
4	☐	2500.000	2472.089	5899761.07	29.1114	A	0.2
5	☐	6250.000	6222.390	14649054.49	73.2090	A	0.5
6	☐	12500.000	12194.568	28832189.30	143.4325	A	0.5
7	☐	25000.000	24108.497	57199314.71	283.5217	A	0.7
8	☐	50000.000	47059.134	112992113.6	553.3854	A	0.6
9	☐	250000.00	250693.56	584946605.6	2,947.808	A	0.2

$$y = 0.0118 * x + 0.0434$$

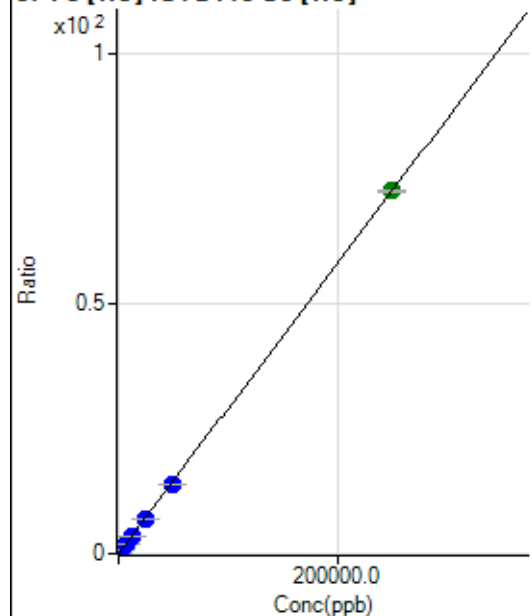
$$R = 0.9999$$

$$DL = 0.5129$$

$$BEC = 3.695$$

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	179.64	0.0009	P	12.3
2	☐	5.000					
3	☐	50.000	50.944	3174.50	0.0156	P	6.5
4	☐	2500.000	2484.076	145964.46	0.7202	P	0.4
5	☐	6250.000	6273.832	363720.50	1.8177	P	0.3
6	☐	12500.000	12235.468	712417.42	3.5441	P	0.4
7	☐	25000.000	24341.737	1422278.49	7.0498	P	0.5
8	☐	50000.000	47556.330	2812147.49	13.7724	P	0.6
9	☐	250000.00	250567.35	14398576.25	72.5608	A	0.2

$$y = 2.8958E-004 * x + 8.9241E-004$$

$$R = 0.9999$$

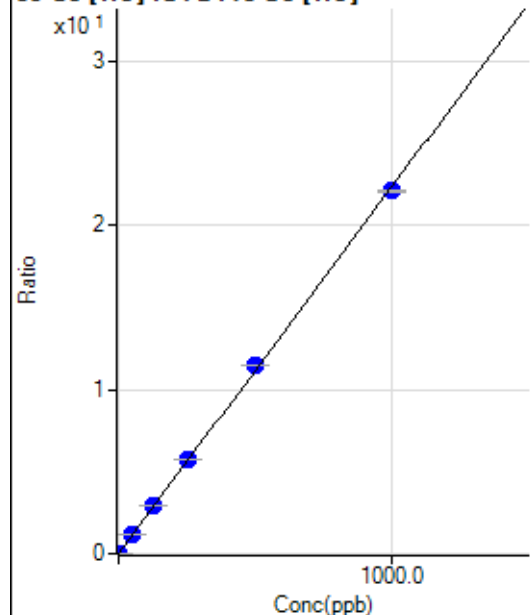
$$DL = 1.136$$

$$BEC = 3.082$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.58	0.0029	P	2.5
2	☐	0.100					
3	☐	1.000	1.048	5329.95	0.0263	P	4.0
4	☐	50.000	52.601	238762.30	1.1781	P	0.9
5	☐	125.000	131.846	590045.83	2.9487	P	0.5
6	☐	250.000	258.548	1161831.22	5.7797	P	0.5
7	☐	500.000	513.449	2315078.49	11.4750	P	0.3
8	☐	1000.000	990.153	4517897.68	22.1262	P	0.2
9	☐			6299.23	0.0317	P	1.7

$$y = 0.0223 * x + 0.0029$$

$$R = 0.9998$$

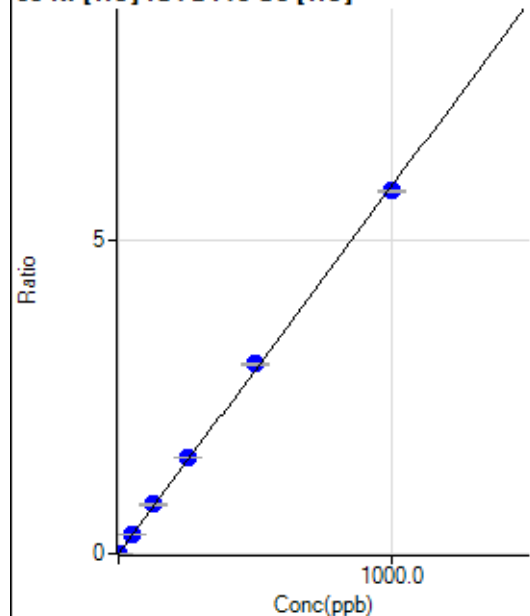
$$DL = 0.009477$$

$$BEC = 0.128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	267.79	0.0013	P	14.8
2	☐	0.100					
3	☐	1.000	1.552	2115.77	0.0104	P	25.2
4	☐	50.000	53.247	63496.83	0.3133	P	0.4
5	☐	125.000	133.463	156741.82	0.7833	P	0.9
6	☐	250.000	260.930	307594.38	1.5302	P	0.5
7	☐	500.000	515.842	610030.27	3.0238	P	0.7
8	☐	1000.000	988.126	1182427.91	5.7910	P	0.4
9	☐			21109.83	0.1064	P	1.1

$$y = 0.0059 * x + 0.0013$$

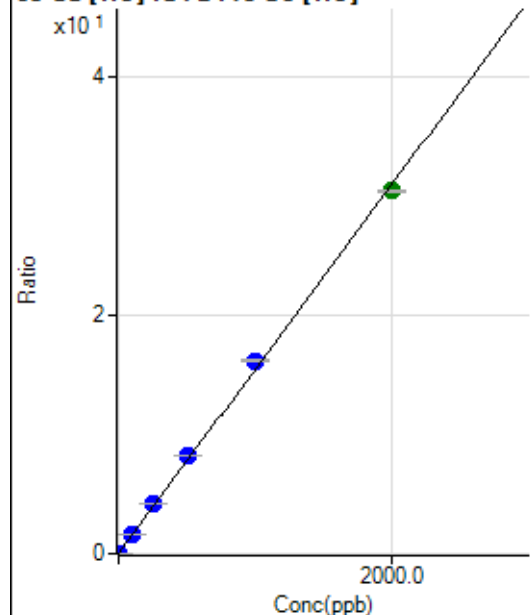
$$R = 0.9997$$

$$DL = 0.1011$$

$$BEC = 0.2272$$

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	1956.83	0.0097	P	3.1
2	☐	0.200					
3	☐	2.000	2.121	8611.56	0.0424	P	1.8
4	☐	100.000	107.814	339143.17	1.6735	P	0.5
5	☐	250.000	270.508	837242.17	4.1841	P	0.6
6	☐	500.000	528.969	1642831.78	8.1725	P	0.3
7	☐	1000.000	1043.816	3251618.14	16.1174	P	1.0
8	☐	2000.000	1967.895	6202598.87	30.3774	A	0.4
9	☐			11560.24	0.0583	P	0.5

$$y = 0.0154 * x + 0.0097$$

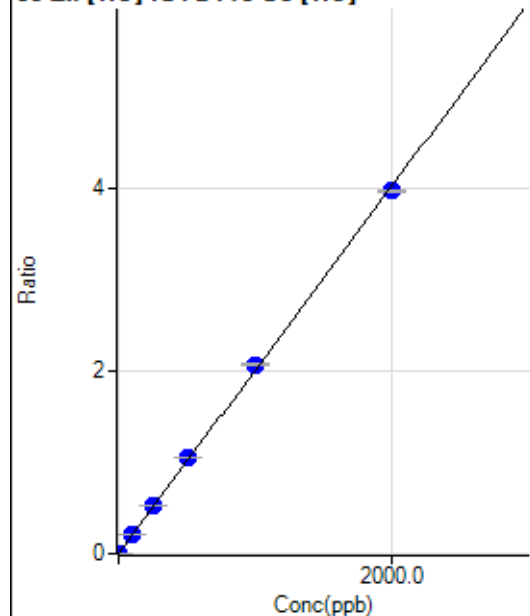
$$R = 0.9995$$

$$DL = 0.05779$$

$$BEC = 0.63$$

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	115.56	0.0006	P	14.9
2	☐	0.200					
3	☐	2.000	2.491	1134.51	0.0056	P	7.8
4	☐	100.000	105.895	43338.74	0.2139	P	2.2
5	☐	250.000	264.476	106706.13	0.5333	P	0.6
6	☐	500.000	520.072	210680.38	1.0481	P	0.5
7	☐	1000.000	1031.906	419417.95	2.0790	P	0.7
8	☐	2000.000	1976.924	813162.75	3.9823	P	0.3
9	☐			15253.71	0.0769	P	1.9

$$y = 0.0020 * x + 5.7425E-004$$

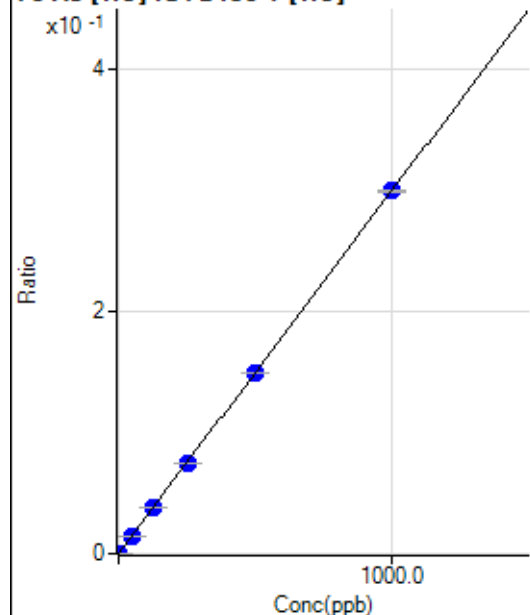
$$R = 0.9997$$

$$DL = 0.1275$$

$$BEC = 0.2851$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.84	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	1.007	348.16	0.0003	P	3.2
4	☐	50.000	49.995	16158.41	0.0150	P	0.8
5	☐	125.000	126.211	40295.15	0.0377	P	0.5
6	☐	250.000	249.562	79775.75	0.0746	P	0.9
7	☐	500.000	498.093	159653.39	0.1489	P	0.4
8	☐	1000.000	1000.912	319599.86	0.2991	P	0.4
9	☐			585.82	0.0006	P	3.2

$$y = 2.9883\text{E-}004 * x + 2.1077\text{E-}005$$

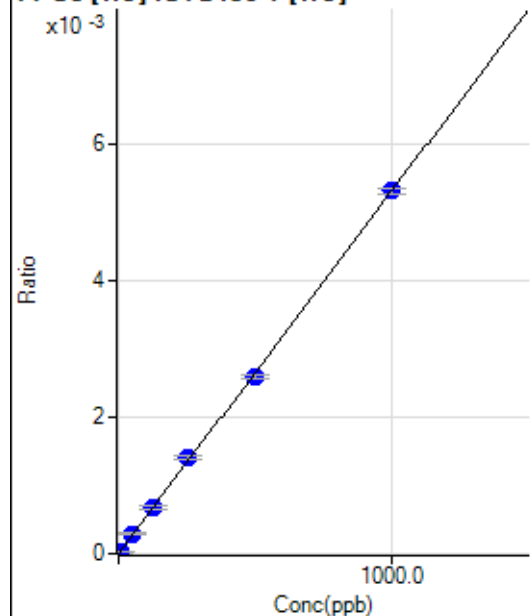
$$R = 1.0000$$

$$DL = 0.04273$$

$$BEC = 0.07053$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.420	33.33	0.0000	P	16.1
4	☐	50.000	55.091	317.79	0.0003	P	14.2
5	☐	125.000	127.153	722.25	0.0007	P	6.4
6	☐	250.000	266.353	1513.44	0.0014	P	4.2
7	☐	500.000	488.285	2780.31	0.0026	P	1.4
8	☐	1000.000	1001.243	5677.87	0.0053	P	1.7
9	☐			26.67	0.0000	P	24.7

$$y = 5.3049\text{E-}006 * x + 2.0468\text{E-}006$$

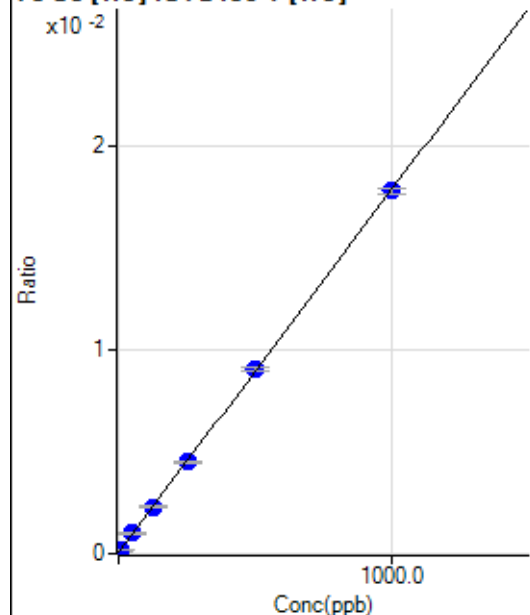
$$R = 0.9998$$

$$DL = 2.005$$

$$BEC = 0.3858$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.46	0.0001	P	9.3
2	☐	0.500					
3	☐	5.000	4.755	164.82	0.0002	P	1.3
4	☐	50.000	52.180	1076.59	0.0010	P	5.3
5	☐	125.000	125.760	2463.81	0.0023	P	4.4
6	☐	250.000	249.676	4826.76	0.0045	P	1.3
7	☐	500.000	505.599	9727.41	0.0091	P	1.4
8	☐	1000.000	997.079	19043.41	0.0178	P	1.6
9	☐			143.83	0.0001	P	16.7

$$y = 1.7806E-005 * x + 6.7800E-005$$

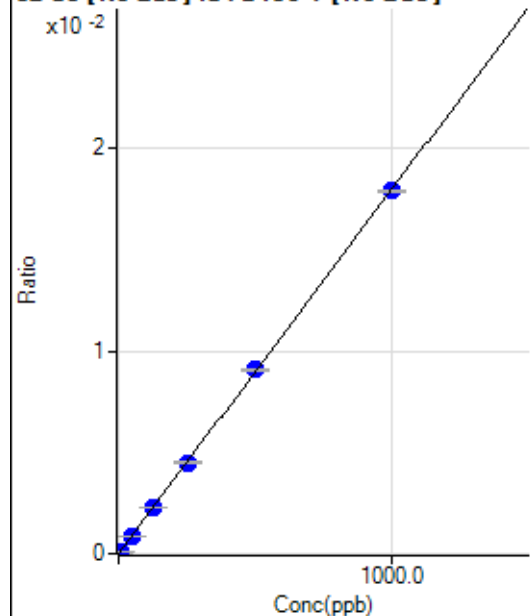
$$R = 1.0000$$

$$DL = 1.066$$

$$BEC = 3.808$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.64	0.0000	P	409.
2	☐	0.500					
3	☐	5.000	5.330	648.93	0.0001	P	10.2
4	☐	50.000	48.854	5805.63	0.0009	P	1.5
5	☐	125.000	125.530	14870.84	0.0023	P	0.4
6	☐	250.000	250.304	29616.33	0.0045	P	0.5
7	☐	500.000	506.323	59915.71	0.0091	P	1.2
8	☐	1000.000	996.752	118710.94	0.0179	P	0.7
9	☐			288.90	0.0000	P	20.4

$$y = 1.7943E-005 * x + 1.7848E-006$$

$$R = 1.0000$$

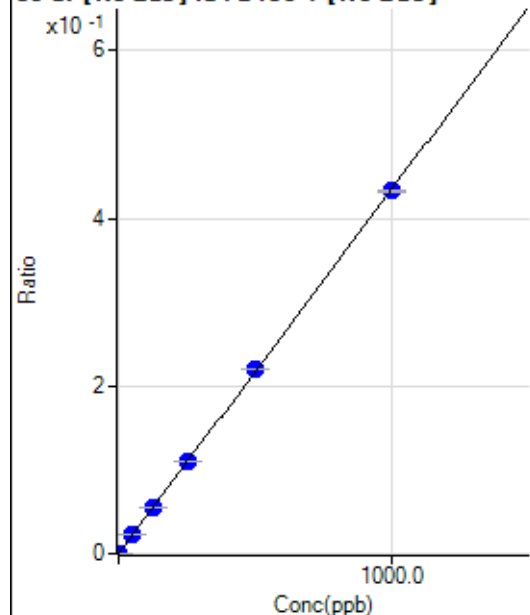
$$DL = 1.222$$

$$BEC = 0.09947$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	847.28	0.0001	P	7.0
2	☐	0.100					
3	☐	1.000	0.762	3050.45	0.0005	P	4.2
4	☐	50.000	50.711	146310.35	0.0221	P	1.4
5	☐	125.000	127.902	367034.95	0.0556	P	1.4
6	☐	250.000	252.289	722604.49	0.1096	P	0.2
7	☐	500.000	505.535	1447570.63	0.2195	P	0.2
8	☐	1000.000	996.262	2870609.68	0.4325	P	0.3
9	☐			86171.88	0.0136	P	0.3

$$y = 4.3401E-004 * x + 1.2721E-004$$

$$R = 1.0000$$

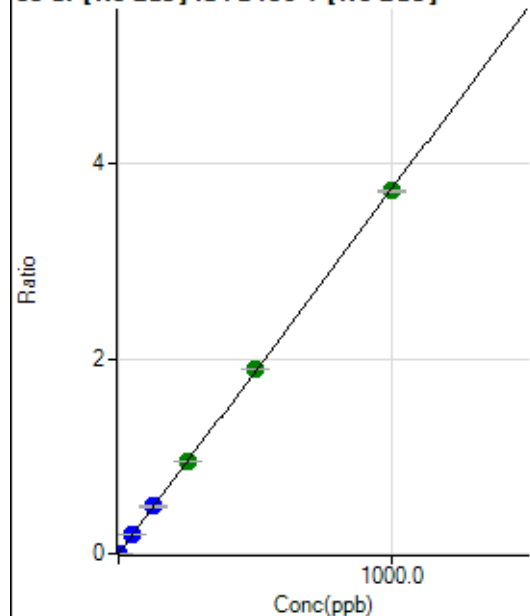
$$DL = 0.06176$$

$$BEC = 0.2931$$

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	269.46	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	0.926	23344.83	0.0035	P	1.8
4	☐	50.000	51.334	1269145.30	0.1920	P	0.7
5	☐	125.000	129.475	3194540.91	0.4842	P	0.5
6	☐	250.000	252.254	6218725.23	0.9434	A	0.3
7	☐	500.000	505.898	12475500.19	1.8920	A	0.2
8	☐	1000.000	995.862	24718295.17	3.7243	A	0.7
9	☐			746563.06	0.1174	P	0.1

$$y = 0.0037 * x + 4.0513E-005$$

$$R = 1.0000$$

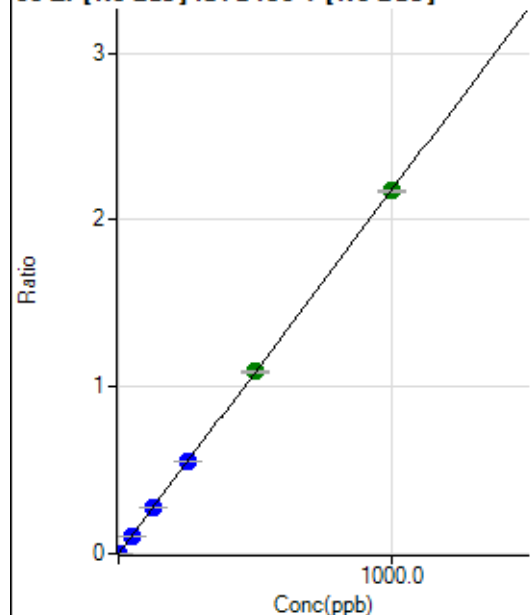
$$DL = 0.01098$$

$$BEC = 0.01083$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.683	10298.53	0.0015	P	5.6
4	☐	50.000	49.403	710852.95	0.1075	P	1.1
5	☐	125.000	126.331	1813693.88	0.2749	P	0.6
6	☐	250.000	252.109	3616289.53	0.5486	P	0.4
7	☐	500.000	501.485	7195094.17	1.0912	A	0.7
8	☐	1000.000	998.594	14420534.70	2.1728	A	0.9
9	☐			5548.55	0.0009	P	1.1

$$y = 0.0022 * x + 5.8803E-005$$

$$R = 1.0000$$

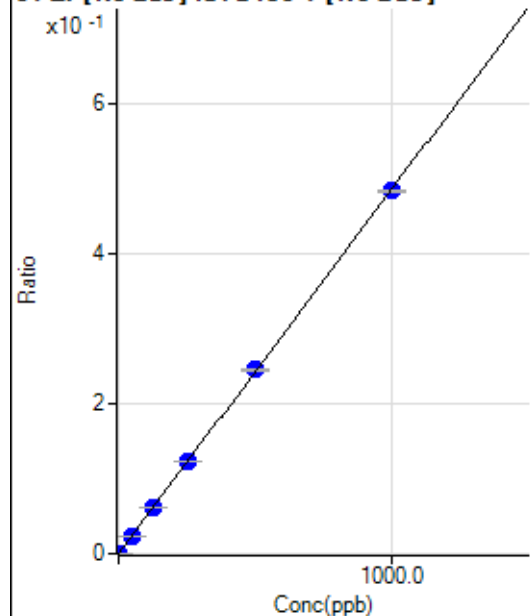
$$DL = 0.00246$$

$$BEC = 0.02703$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	49.1
2	☐	0.100					
3	☐	1.000	0.675	2258.61	0.0003	P	3.7
4	☐	50.000	49.815	159600.11	0.0241	P	1.0
5	☐	125.000	126.858	405549.43	0.0615	P	0.5
6	☐	250.000	251.827	804348.23	0.1220	P	0.7
7	☐	500.000	505.602	1615333.89	0.2450	P	0.5
8	☐	1000.000	996.520	3204541.67	0.4828	P	0.2
9	☐			1311.23	0.0002	P	10.8

$$y = 4.8450E-004 * x + 1.1649E-005$$

$$R = 1.0000$$

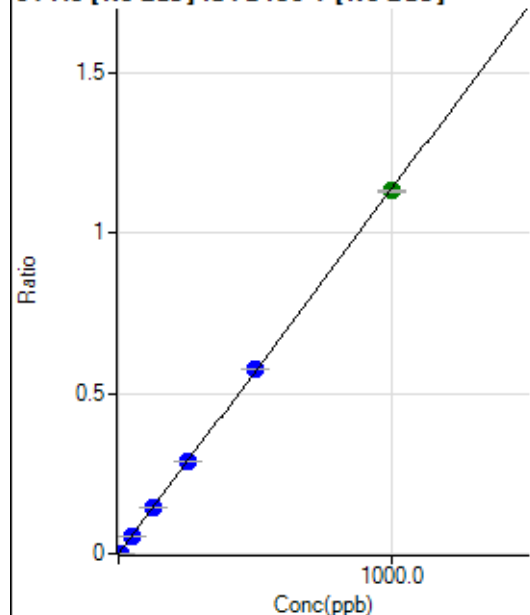
$$DL = 0.0354$$

$$BEC = 0.02404$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	25.9
2	☐	0.500					
3	☐	5.000	1.889	14527.43	0.0022	P	0.9
4	☐	50.000	49.441	371664.84	0.0562	P	0.6
5	☐	125.000	126.988	952456.15	0.1444	P	0.6
6	☐	250.000	252.725	1893913.71	0.2873	P	0.9
7	☐	500.000	507.859	3806786.85	0.5773	P	0.2
8	☐	1000.000	995.184	7508275.51	1.1313	A	0.4
9	☐			19171.87	0.0030	P	5.6

$$y = 0.0011 * x + 3.2160E-005$$

$$R = 0.9999$$

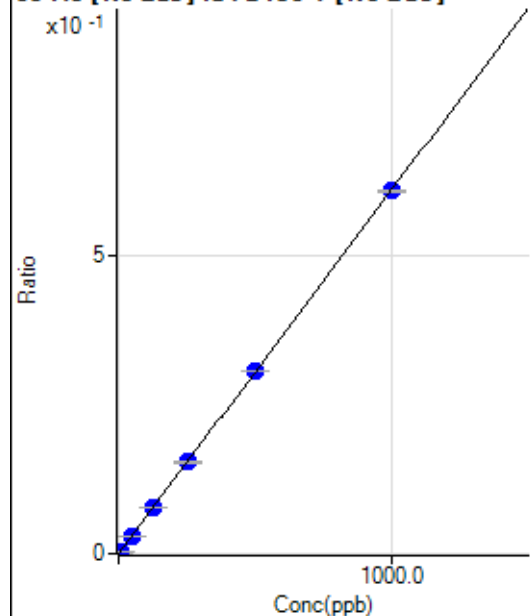
$$DL = 0.02199$$

$$BEC = 0.02829$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	4.468	18306.74	0.0027	P	2.4
4	☐	50.000	49.435	199258.02	0.0301	P	0.8
5	☐	125.000	125.460	504484.56	0.0765	P	0.5
6	☐	250.000	251.506	1010403.66	0.1533	P	0.7
7	☐	500.000	503.698	2024000.48	0.3070	P	0.1
8	☐	1000.000	997.748	4035251.31	0.6080	P	0.6
9	☐			28548.95	0.0045	P	5.6

$$y = 6.0935E-004 * x + 2.4168E-005$$

$$R = 1.0000$$

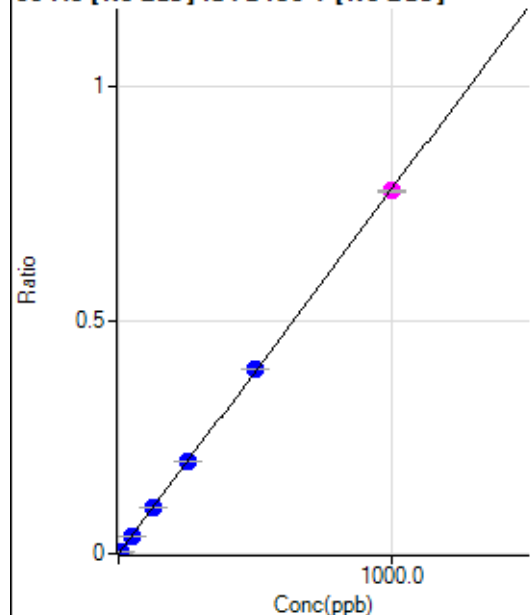
$$DL = 0.02066$$

$$BEC = 0.03966$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0000	P	9.5
2	☐	0.500					
3	☐	5.000	3.900	20582.24	0.0031	P	3.4
4	☐	50.000	49.327	254846.91	0.0386	P	1.5
5	☐	125.000	126.391	651304.86	0.0987	P	0.6
6	☐	250.000	252.686	1300841.73	0.1973	P	0.7
7	☐	500.000	506.382	2607396.11	0.3954	P	0.5
8	☐	1000.000	996.003	5161658.06	0.7777	M	0.8
9	☐			36077.37	0.0057	P	5.5

$$y = 7.8080E-004 * x + 4.3385E-005$$

$$R = 1.0000$$

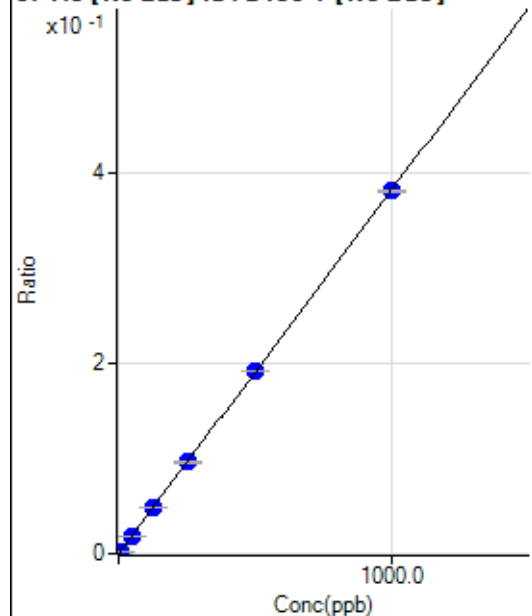
$$DL = 0.01588$$

$$BEC = 0.05557$$

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	116.67	0.0000	P	18.9
2	☐	0.500					
3	☐	5.000	4.492	11557.91	0.0017	P	4.6
4	☐	50.000	49.213	124436.11	0.0188	P	1.2
5	☐	125.000	125.711	317079.13	0.0481	P	0.4
6	☐	250.000	251.715	634302.62	0.0962	P	0.8
7	☐	500.000	503.281	1268495.59	0.1924	P	0.6
8	☐	1000.000	997.884	2531443.59	0.3814	P	0.4
9	☐			18379.18	0.0029	P	6.6

$$y = 3.8220E-004 * x + 1.7520E-005$$

$$R = 1.0000$$

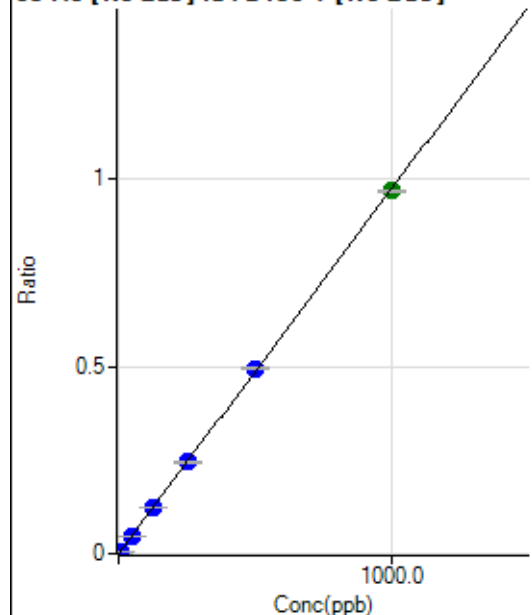
$$DL = 0.02605$$

$$BEC = 0.04584$$

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	288.90	0.0000	P	27.6
2	☐	0.500					
3	☐	5.000	4.507	29503.44	0.0044	P	2.2
4	☐	50.000	49.548	318777.29	0.0482	P	0.2
5	☐	125.000	126.567	812284.70	0.1231	P	0.4
6	☐	250.000	250.863	1608475.96	0.2440	P	0.3
7	☐	500.000	508.904	3263679.02	0.4950	P	0.5
8	☐	1000.000	995.162	6423569.24	0.9678	A	0.5
9	☐			45627.03	0.0072	P	6.4

$$y = 9.7251E-004 * x + 4.3324E-005$$

$$R = 0.9999$$

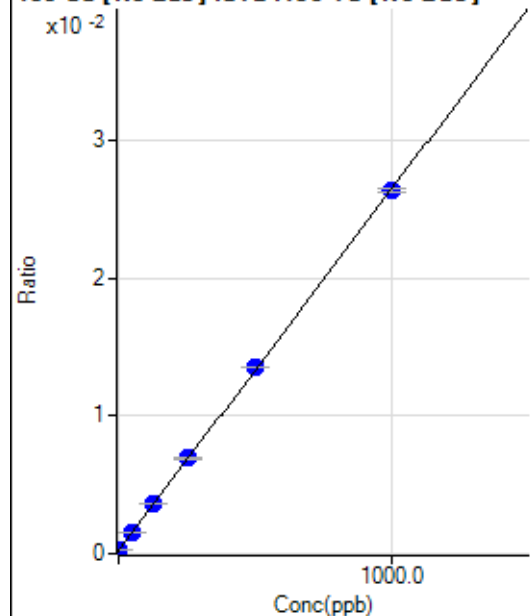
$$DL = 0.03684$$

$$BEC = 0.04455$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1789.07	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	0.803	1958.55	0.0002	P	7.4
4	☐	50.000	51.485	12328.05	0.0016	P	1.9
5	☐	125.000	129.792	28551.96	0.0036	P	2.6
6	☐	250.000	254.745	53998.25	0.0069	P	1.9
7	☐	500.000	506.197	106117.71	0.0135	P	0.2
8	☐	1000.000	995.042	207613.03	0.0264	P	0.9
9	☐			1855.77	0.0002	P	12.7

$$y = 2.6286E-005 * x + 2.2731E-004$$

$$R = 1.0000$$

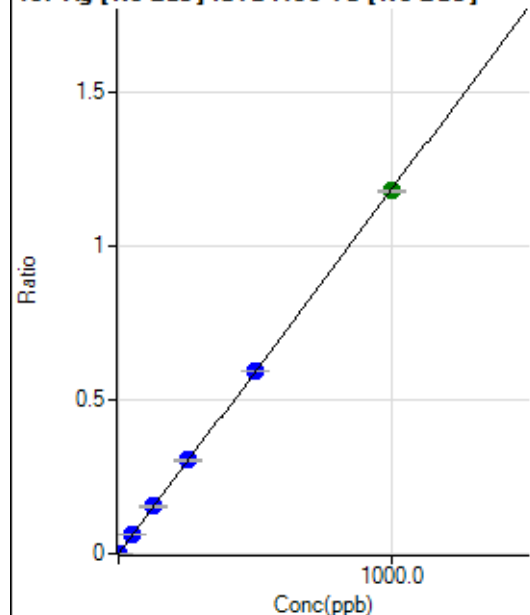
$$DL = 1.463$$

$$BEC = 8.648$$

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	36.11	0.0000	P	34.8
2	☐	0.100					
3	☐	1.000	0.959	8994.90	0.0011	P	4.8
4	☐	50.000	52.065	481240.14	0.0617	P	0.5
5	☐	125.000	129.600	1205063.14	0.1536	P	0.6
6	☐	250.000	257.079	2375941.91	0.3046	P	1.5
7	☐	500.000	502.212	4666646.16	0.5951	P	0.5
8	☐	1000.000	996.446	9292108.46	1.1808	A	0.5
9	☐			1911.31	0.0003	P	2.3

$$y = 0.0012 * x + 4.5819E-006$$

$$R = 1.0000$$

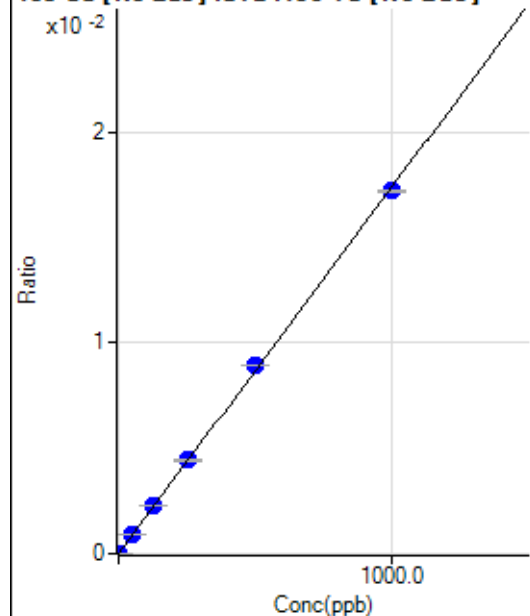
$$DL = 0.004038$$

$$BEC = 0.003867$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	31.1
2	☐	0.100					
3	☐	1.000	1.248	186.11	0.0000	P	12.0
4	☐	50.000	52.464	7126.93	0.0009	P	1.8
5	☐	125.000	130.575	17822.57	0.0023	P	1.5
6	☐	250.000	256.616	34799.84	0.0045	P	2.1
7	☐	500.000	513.061	69941.06	0.0089	P	0.3
8	☐	1000.000	990.995	135559.73	0.0172	P	0.7
9	☐			62.50	0.0000	P	20.2

$$y = 1.7381E-005 * x + 1.9392E-006$$

$$R = 0.9998$$

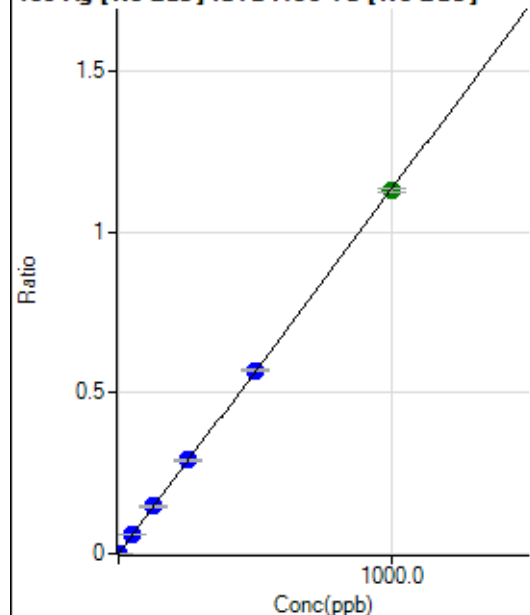
$$DL = 0.1041$$

$$BEC = 0.1116$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.8
2	☐	0.100					
3	☐	1.000	0.995	8928.19	0.0011	P	0.8
4	☐	50.000	52.276	462375.48	0.0593	P	0.1
5	☐	125.000	129.712	1154140.88	0.1471	P	0.7
6	☐	250.000	257.736	2279391.91	0.2923	P	1.5
7	☐	500.000	503.276	4474990.60	0.5707	P	0.5
8	☐	1000.000	995.725	8885313.57	1.1291	A	0.9
9	☐			1930.77	0.0003	P	16.1

$$y = 0.0011 * x + 4.9421E-006$$

$$R = 1.0000$$

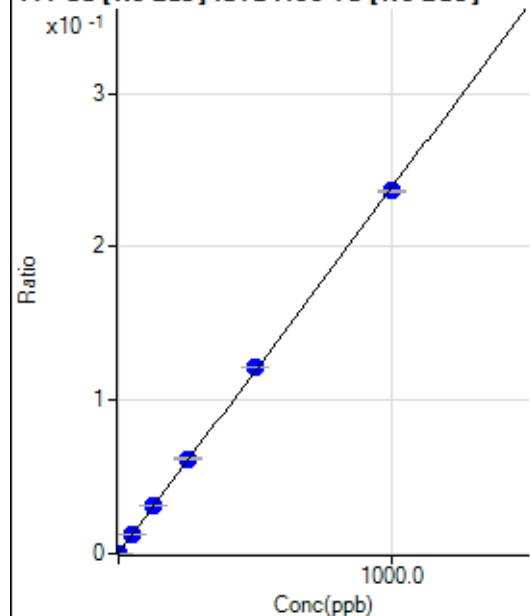
$$DL = 0.004286$$

$$BEC = 0.004358$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1272.21	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	1.000	3150.59	0.0004	P	3.5
4	☐	50.000	52.165	98129.81	0.0126	P	0.5
5	☐	125.000	130.108	244327.79	0.0311	P	0.8
6	☐	250.000	258.405	481087.55	0.0617	P	1.4
7	☐	500.000	510.085	953561.03	0.1216	P	0.2
8	☐	1000.000	992.109	1860074.54	0.2364	P	0.4
9	☐			1881.71	0.0003	P	6.0

$$y = 2.3809E-004 * x + 1.6164E-004$$

$$R = 0.9999$$

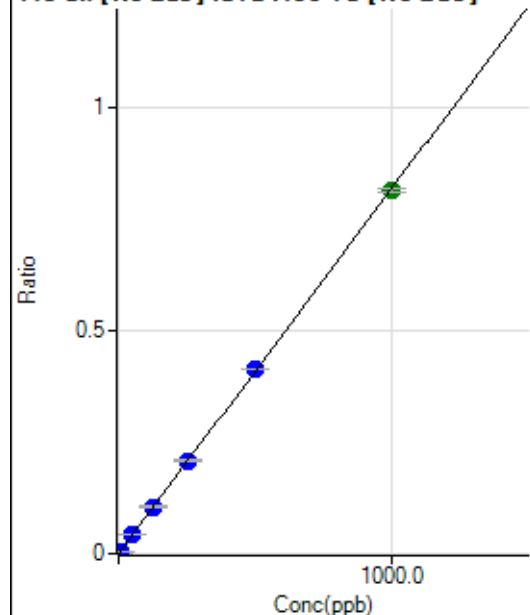
$$DL = 0.1132$$

$$BEC = 0.6789$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	541.70	0.0001	P	10.6
2	☐	0.500					
3	☐	5.000	4.713	30882.10	0.0039	P	0.6
4	☐	50.000	51.153	326395.83	0.0418	P	0.7
5	☐	125.000	128.726	825493.66	0.1052	P	1.0
6	☐	250.000	255.492	1627976.39	0.2087	P	1.4
7	☐	500.000	507.603	3251458.82	0.4147	P	0.4
8	☐	1000.000	994.304	6391363.47	0.8122	A	1.0
9	☐			9639.80	0.0013	P	6.7

$$y = 8.1675E-004 * x + 6.8835E-005$$

$$R = 0.9999$$

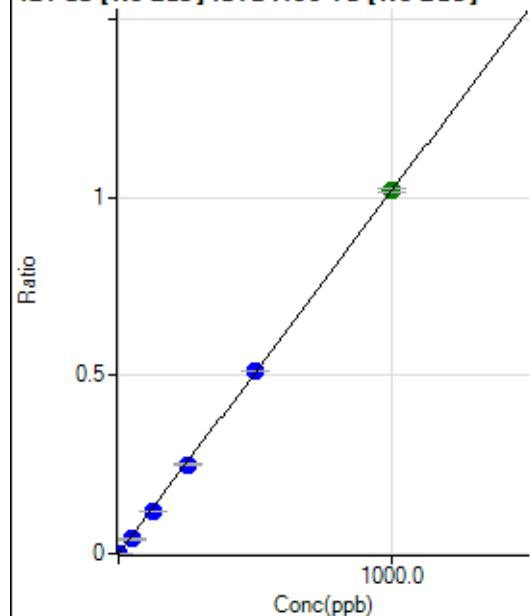
$$DL = 0.0267$$

$$BEC = 0.08428$$

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	136.12	0.0000	P	73.7
2	☐	0.200					
3	☐	2.000	1.895	15334.01	0.0019	P	2.5
4	☐	50.000	40.342	320286.97	0.0411	P	3.1
5	☐	125.000	117.734	940098.85	0.1198	P	0.8
6	☐	250.000	246.092	1952987.78	0.2504	P	1.4
7	☐	500.000	503.413	4016632.34	0.5122	P	0.3
8	☐	1000.000	1000.662	8012587.77	1.0182	A	0.9
9	☐			36738.22	0.0049	P	8.8

$$y = 0.0010 * x + 1.7343E-005$$

$$R = 0.9999$$

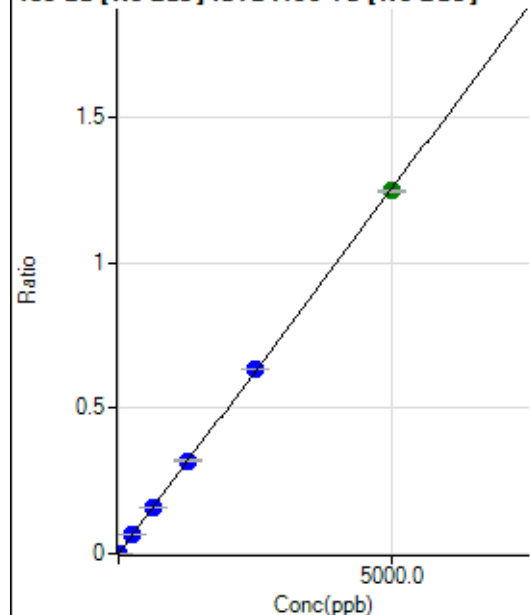
$$DL = 0.03768$$

$$BEC = 0.01704$$

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	333.35	0.0000	P	77.5
2	☐	1.000					
3	☐	10.000	9.286	18716.04	0.0024	P	1.1
4	☐	250.000	254.631	499066.77	0.0640	P	0.7
5	☐	625.000	636.778	1255072.03	0.1600	P	0.5
6	☐	1250.000	1271.956	2491561.97	0.3195	P	1.5
7	☐	2500.000	2535.378	4992920.25	0.6367	P	0.3
8	☐	5000.000	4975.119	9832161.68	1.2494	A	0.4
9	☐			4617.63	0.0006	P	2.5

$$y = 2.5112\text{E-}004 * x + 4.2477\text{E-}005$$

$$R = 1.0000$$

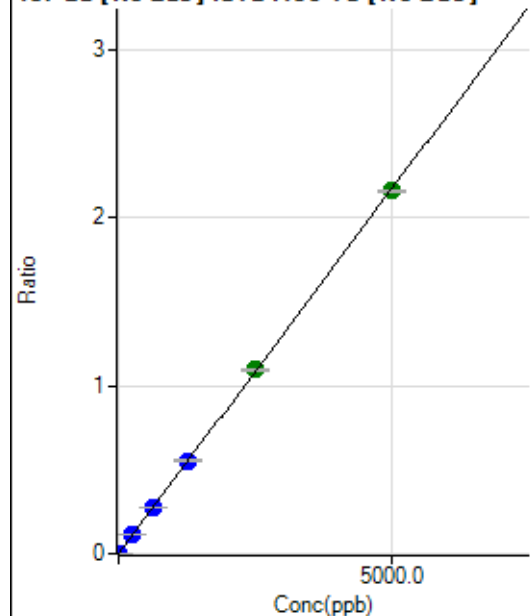
$$DL = 0.3935$$

$$BEC = 0.1691$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.70	0.0001	P	84.0
2	☐	1.000					
3	☐	10.000	9.622	33427.35	0.0042	P	0.9
4	☐	250.000	254.386	861962.79	0.1105	P	0.4
5	☐	625.000	641.690	2186692.45	0.2787	P	0.6
6	☐	1250.000	1276.092	4321916.42	0.5541	P	1.3
7	☐	2500.000	2525.487	8599098.89	1.0966	A	0.5
8	☐	5000.000	4978.429	17011256.46	2.1617	A	0.4
9	☐			8144.43	0.0011	P	6.4

$$y = 4.3420\text{E-}004 * x + 6.2672\text{E-}005$$

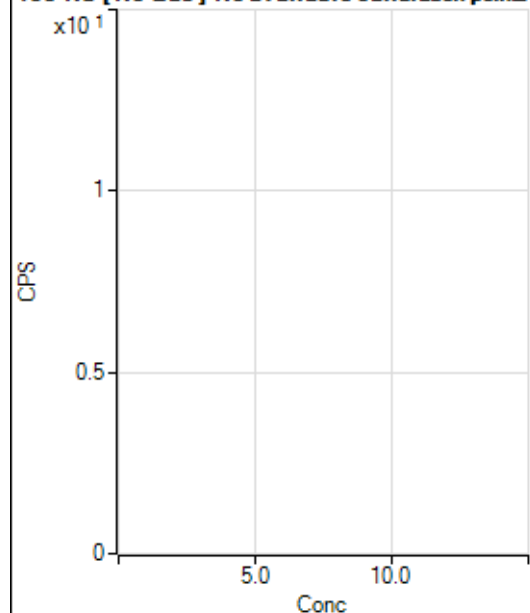
$$R = 1.0000$$

$$DL = 0.3639$$

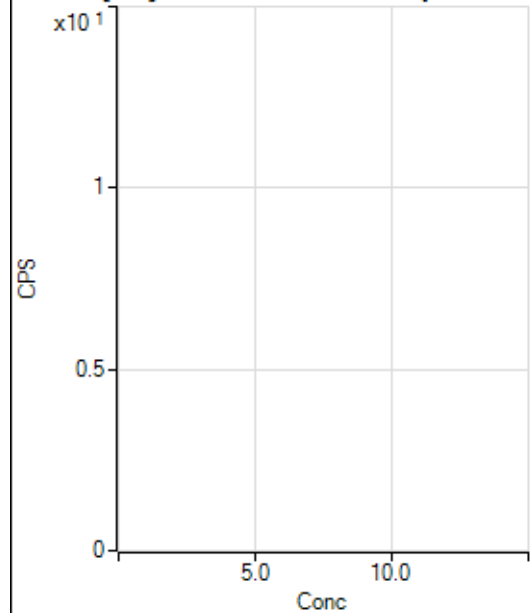
$$BEC = 0.1443$$

Weight: <None>

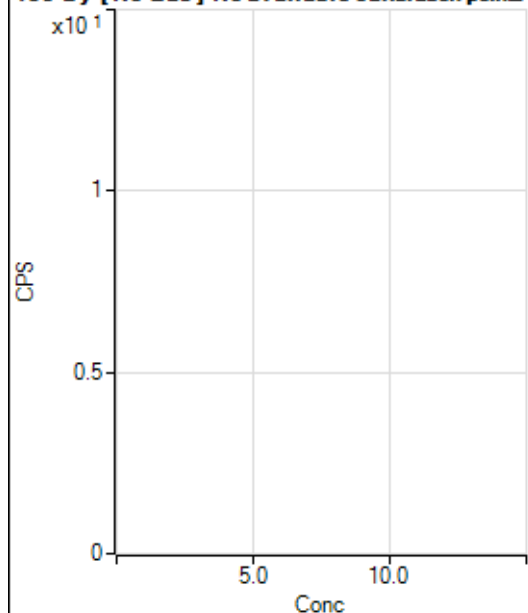
Min Conc: 0

150 Nd [No Gas] No available calibration points

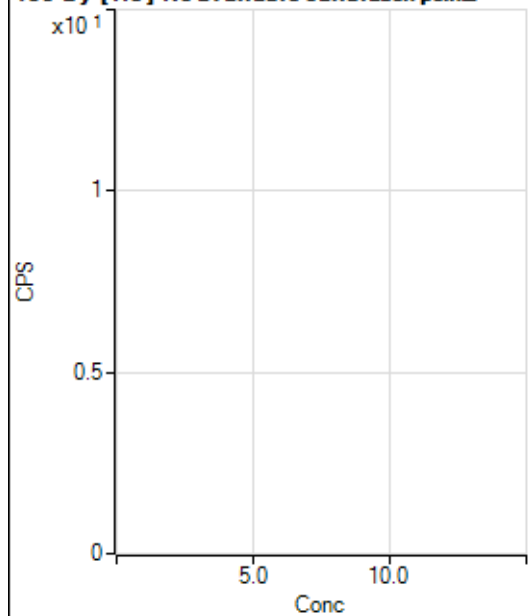
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	88.2
2	☐						
3	☐			4.44		P	173.
4	☐			15.55		P	24.8
5	☐			75.56		P	40.8
6	☐			140.01		P	4.8
7	☐			242.23		P	12.7
8	☐			480.02		P	5.0
9	☐			151.12		P	18.4

150 Nd [He] No available calibration points

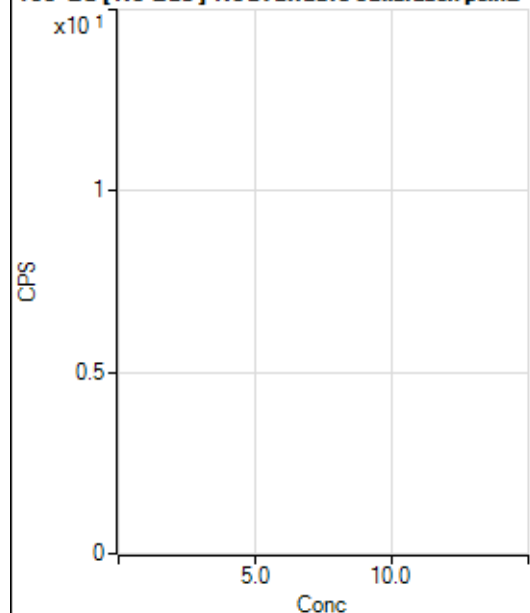
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			5.56		P	34.7
6	☐			17.78		P	39.0
7	☐			31.11		P	43.3
8	☐			54.44		P	46.0
9	☐			44.44		P	41.3

156 Dy [No Gas] No available calibration points

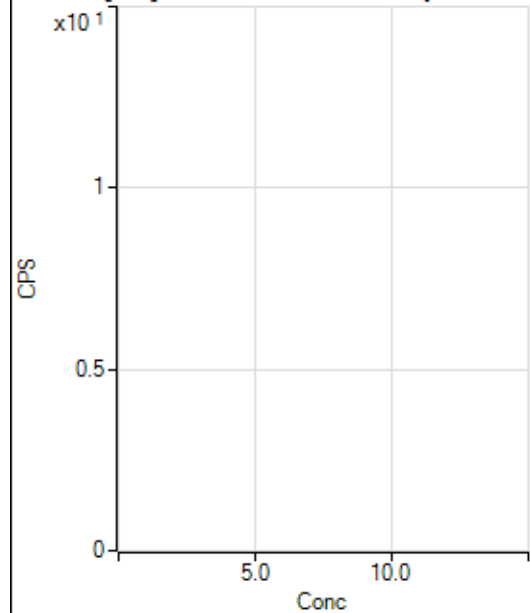
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			819.52		P	85.5
2	☐						
3	☐			305.57		P	42.6
4	☐			116.67		P	0.0
5	☐			55.56		P	37.8
6	☐			52.78		P	24.1
7	☐			86.12		P	24.4
8	☐			208.34		P	31.2
9	☐			552.82		P	46.8

156 Dy [He] No available calibration points

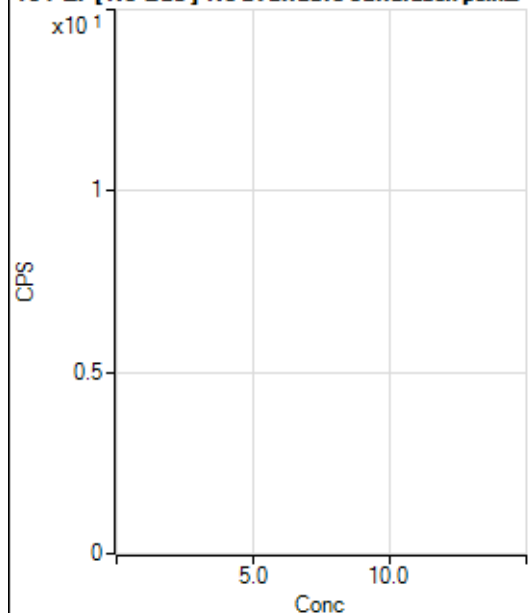
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	29.4
2	☐						
3	☐			71.11		P	68.3
4	☐			6.67		P	50.0
5	☐			4.44		P	43.4
6	☐			10.00		P	33.3
7	☐			13.33		P	25.0
8	☐			24.44		P	70.0
9	☐			70.00		P	4.8

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

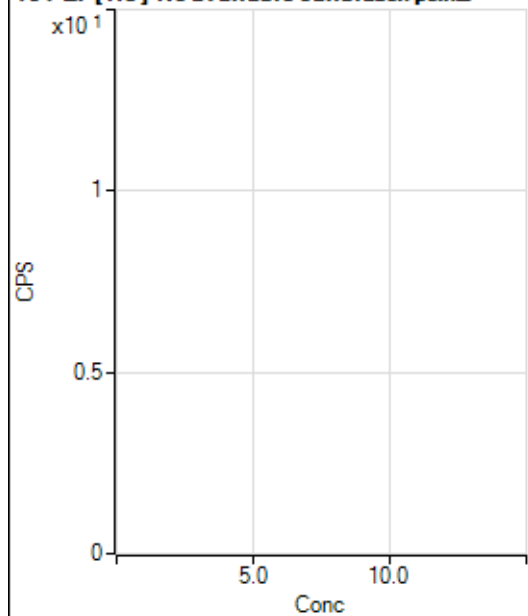
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	39.0
2	☐						
3	☐			47.22		P	44.4
4	☐			33.34		P	66.1
5	☐			38.89		P	44.6
6	☐			52.78		P	32.9
7	☐			50.00		P	44.1
8	☐			80.56		P	47.8
9	☐			130.56		P	20.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	58.1
2	☐						
3	☐			24.44		P	7.9
4	☐			18.89		P	53.9
5	☐			26.67		P	45.1
6	☐			28.89		P	63.5
7	☐			26.67		P	12.5
8	☐			40.00		P	30.0
9	☐			74.44		P	17.0

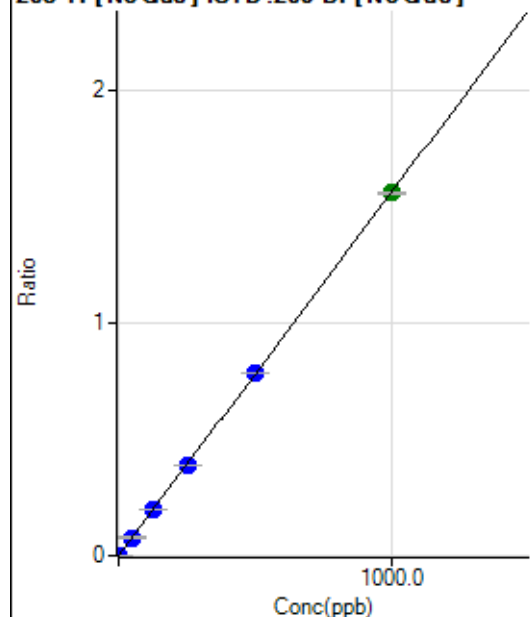
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			50.00		P	0.0
4	☐			27.78		P	62.5
5	☐			41.67		P	40.0
6	☐			30.55		P	15.7
7	☐			33.33		P	25.0
8	☐			55.56		P	31.2
9	☐			52.78		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐						
3	☐			36.67		P	9.1
4	☐			12.22		P	41.7
5	☐			23.33		P	37.8
6	☐			16.67		P	34.6
7	☐			24.44		P	34.3
8	☐			28.89		P	76.8
9	☐			35.56		P	28.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	23.1
2	☐	0.100					
3	☐	1.000	0.953	6991.02	0.0015	P	3.9
4	☐	50.000	50.248	361565.52	0.0785	P	0.2
5	☐	125.000	125.746	914839.73	0.1965	P	0.8
6	☐	250.000	250.017	1813992.62	0.3907	P	0.5
7	☐	500.000	503.067	3620200.39	0.7860	P	0.1
8	☐	1000.000	998.357	7049181.58	1.5599	A	0.4
9	☐			3847.95	0.0009	P	8.3

$$y = 0.0016 * x + 2.2692E-005$$

$$R = 1.0000$$

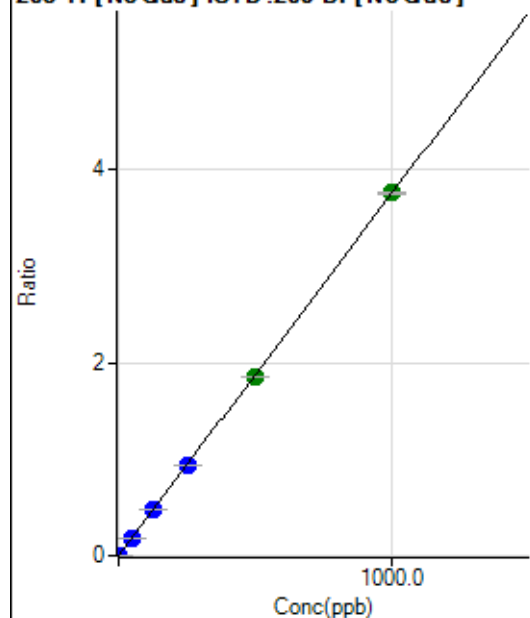
$$DL = 0.01005$$

$$BEC = 0.01452$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.02	0.0001	P	21.1
2	☐	0.100					
3	☐	1.000	0.954	16800.16	0.0036	P	2.4
4	☐	50.000	49.931	861030.41	0.1870	P	0.6
5	☐	125.000	125.342	2185416.09	0.4694	P	0.5
6	☐	250.000	250.513	4355929.18	0.9380	P	0.2
7	☐	500.000	493.843	8516712.00	1.8491	A	0.8
8	☐	1000.000	1002.911	16970392.05	3.7552	A	0.6
9	☐			9406.52	0.0023	P	3.1

$$y = 0.0037 * x + 5.9037E-005$$

$$R = 1.0000$$

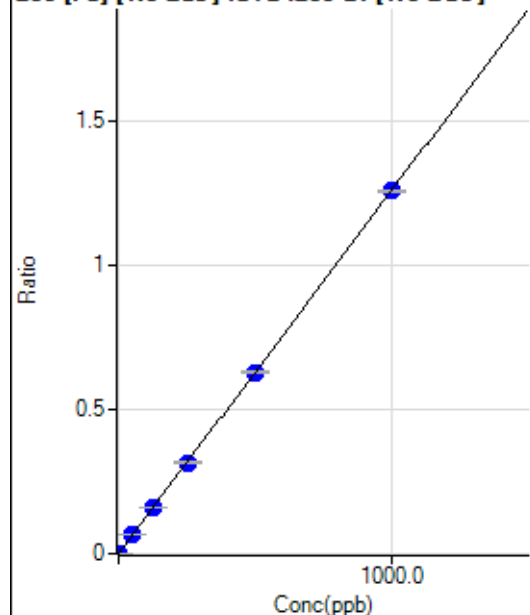
$$DL = 0.009966$$

$$BEC = 0.01577$$

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	587.06	0.0001	P	1.8
2	☐	0.100					
3	☐	1.000	0.962	6194.19	0.0013	P	1.3
4	☐	50.000	50.585	294224.06	0.0639	P	0.6
5	☐	125.000	125.642	738140.62	0.1585	P	0.4
6	☐	250.000	251.139	1470865.95	0.3168	P	0.3
7	☐	500.000	500.271	2905617.31	0.6309	P	0.9
8	☐	1000.000	999.470	5695210.08	1.2603	P	0.2
9	☐			12317.15	0.0030	P	0.9

$$y = 0.0013 * x + 1.2616E-004$$

$$R = 1.0000$$

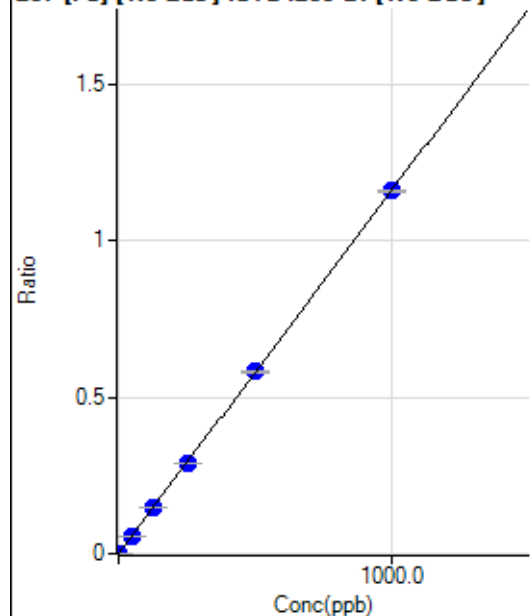
$$DL = 0.005289$$

$$BEC = 0.1001$$

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	601.88	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	0.936	5614.29	0.0012	P	2.2
4	☐	50.000	50.125	267902.66	0.0582	P	0.3
5	☐	125.000	125.241	676016.74	0.1452	P	0.4
6	☐	250.000	248.797	1338710.32	0.2883	P	0.5
7	☐	500.000	501.045	2673496.62	0.5805	P	0.3
8	☐	1000.000	999.742	5233542.88	1.1581	P	0.3
9	☐			11188.37	0.0027	P	2.7

$$y = 0.0012 * x + 1.2938E-004$$

$$R = 1.0000$$

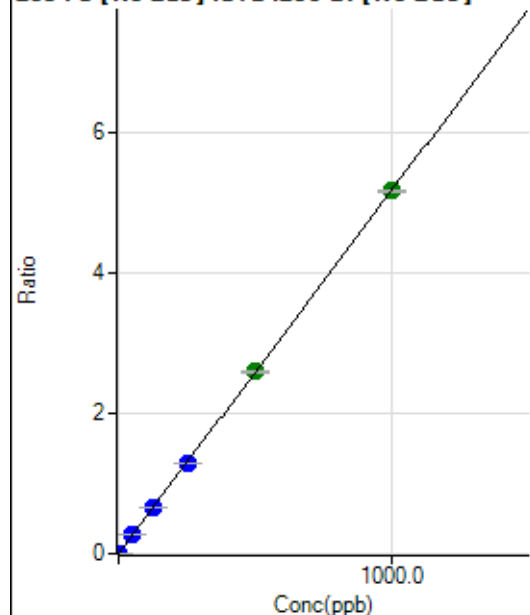
$$DL = 0.0249$$

$$BEC = 0.1117$$

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	2492.75	0.0005	P	1.7
2	☐	0.100					
3	☐	1.000	0.952	25237.91	0.0055	P	1.8
4	☐	50.000	50.300	1199041.94	0.2604	P	0.3
5	☐	125.000	125.649	3025190.85	0.6497	P	0.3
6	☐	250.000	249.974	5999852.00	1.2921	P	0.3
7	☐	500.000	500.853	11921141.79	2.5883	A	0.4
8	☐	1000.000	999.484	23339674.42	5.1647	A	0.3
9	☐			49995.44	0.0122	P	0.3

$$y = 0.0052 * x + 5.3569E-004$$

$$R = 1.0000$$

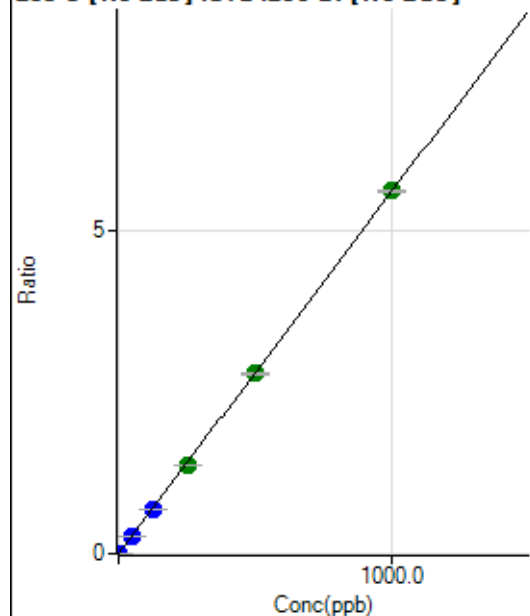
$$DL = 0.005326$$

$$BEC = 0.1037$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.27	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	0.944	25155.72	0.0054	P	1.1
4	☐	50.000	49.056	1265935.11	0.2750	P	0.4
5	☐	125.000	124.397	3245281.67	0.6970	P	0.2
6	☐	250.000	243.690	6339780.78	1.3653	A	0.2
7	☐	500.000	497.319	12831871.90	2.7861	A	0.3
8	☐	1000.000	1003.041	25392938.59	5.6191	A	0.3
9	☐			8086.19	0.0020	P	2.6

$$y = 0.0056 * x + 1.4976E-004$$

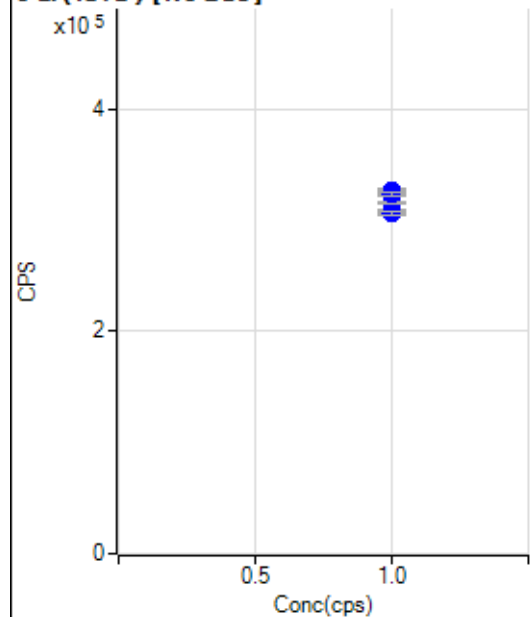
$$R = 1.0000$$

$$DL = 0.008545$$

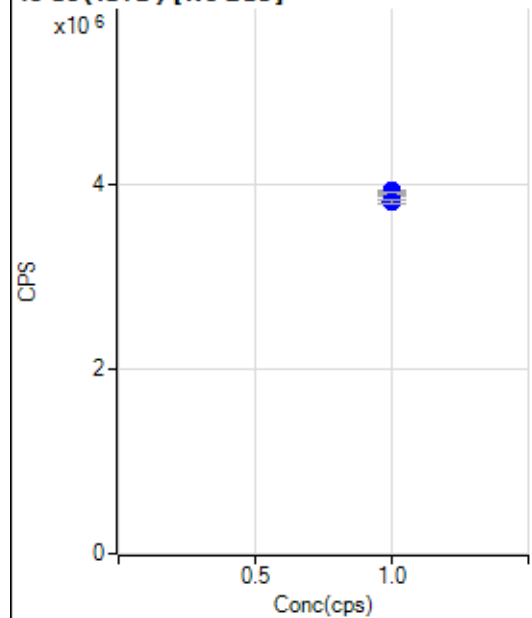
$$BEC = 0.02673$$

Weight: <None>

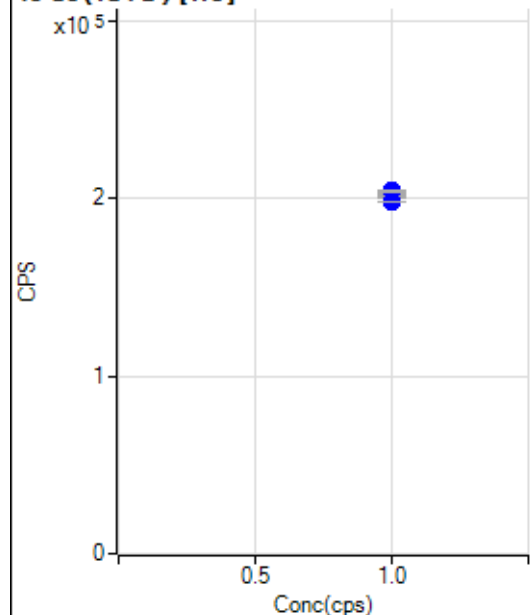
Min Conc: 0

6 Li (ISTD) [No Gas]

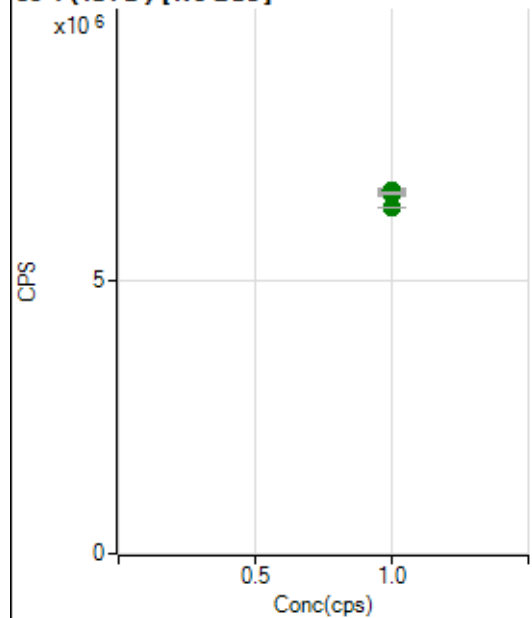
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		307102.86		P	0.1
2	☐	1.000					
3	☐	1.000		309285.11		P	0.5
4	☐	1.000		315471.38		P	0.4
5	☐	1.000		326674.42		P	1.1
6	☐	1.000		326313.70		P	1.5
7	☐	1.000		326047.93		P	1.1
8	☐	1.000		323838.35		P	0.6
9	☐	1.000		306103.57		P	1.3

45 Sc (ISTD) [No Gas]

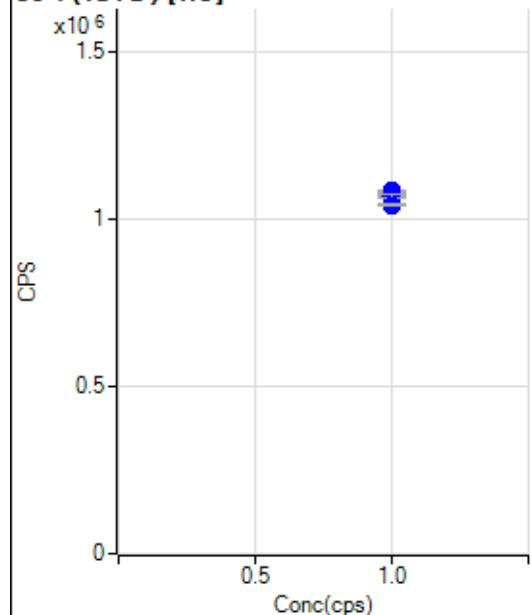
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3922668.75		P	0.5
2	☐	1.000					
3	☐	1.000		3909278.21		P	0.3
4	☐	1.000		3891482.03		P	0.5
5	☐	1.000		3907199.78		P	0.2
6	☐	1.000		3887292.06		P	1.0
7	☐	1.000		3900731.29		P	0.4
8	☐	1.000		3896369.10		P	0.4
9	☐	1.000		3805562.28		P	0.8

45 Sc (ISTD) [He]

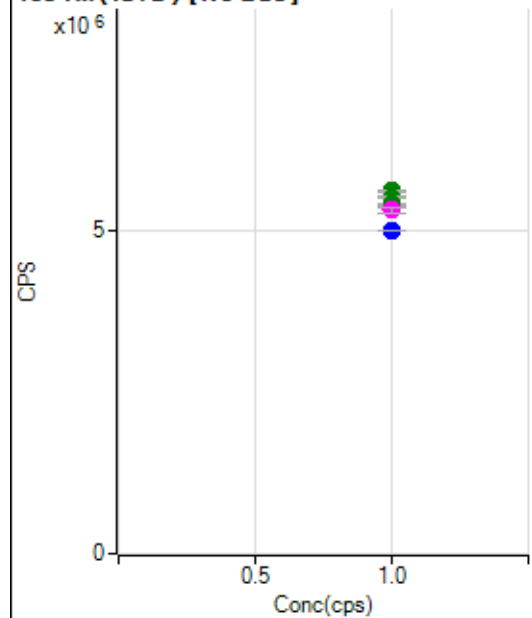
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		201255.70		P	0.3
2	☐	1.000					
3	☐	1.000		202875.01		P	0.4
4	☐	1.000		202662.31		P	0.5
5	☐	1.000		200100.16		P	0.2
6	☐	1.000		201017.52		P	0.3
7	☐	1.000		201751.39		P	0.7
8	☐	1.000		204189.44		P	0.9
9	☐	1.000		198434.66		P	0.1

89 Y (ISTD) [No Gas]

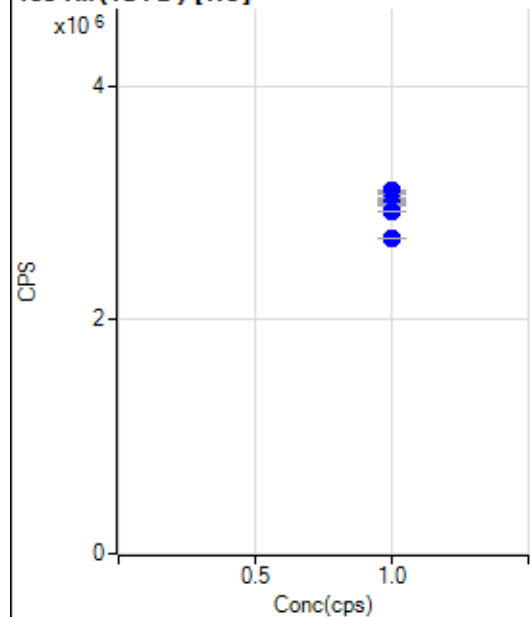
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6660249.90		A	0.8
2	☐	1.000					
3	☐	1.000		6665346.50		A	0.9
4	☐	1.000		6609554.28		A	0.1
5	☐	1.000		6596980.11		A	0.4
6	☐	1.000		6591802.75		A	0.5
7	☐	1.000		6593881.85		A	0.2
8	☐	1.000		6637105.94		A	0.7
9	☐	1.000		6357536.50		A	0.5

89 Y(ISTD) [He]

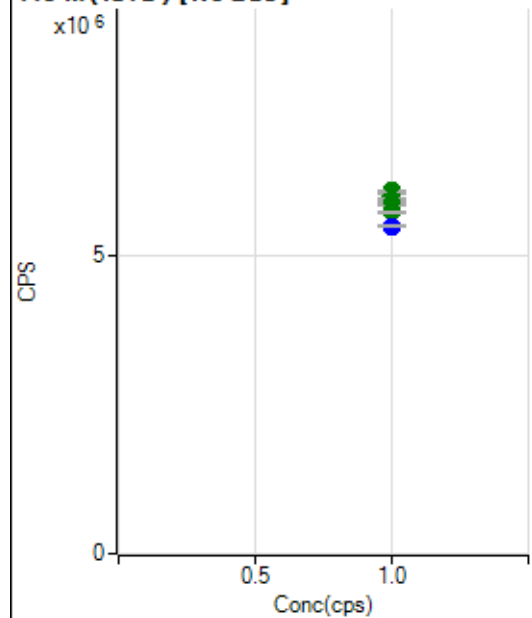
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1083298.28		P	0.4
2	☐	1.000					
3	☐	1.000		1080992.41		P	1.2
4	☐	1.000		1080042.01		P	0.2
5	☐	1.000		1067783.14		P	0.6
6	☐	1.000		1069444.17		P	0.6
7	☐	1.000		1072472.99		P	0.5
8	☐	1.000		1068482.28		P	0.9
9	☐	1.000		1042092.53		P	0.4

103 Rh(ISTD) [No Gas]

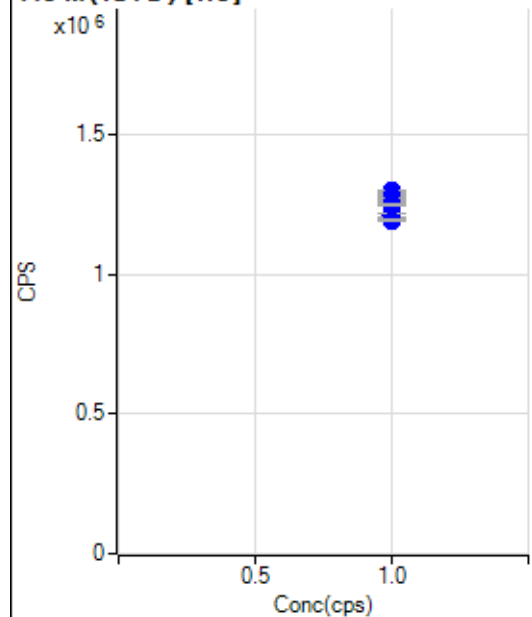
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5614661.89		A	0.3
2	☐	1.000					
3	☐	1.000		5611951.65		A	0.4
4	☐	1.000		5500649.51		A	0.3
5	☐	1.000		5512536.06		A	0.5
6	☐	1.000		5408745.26		A	0.7
7	☐	1.000		5380961.53		A	0.4
8	☐	1.000		5312525.29		M	1.2
9	☐	1.000		5001988.70		P	0.5

103 Rh (ISTD) [He]

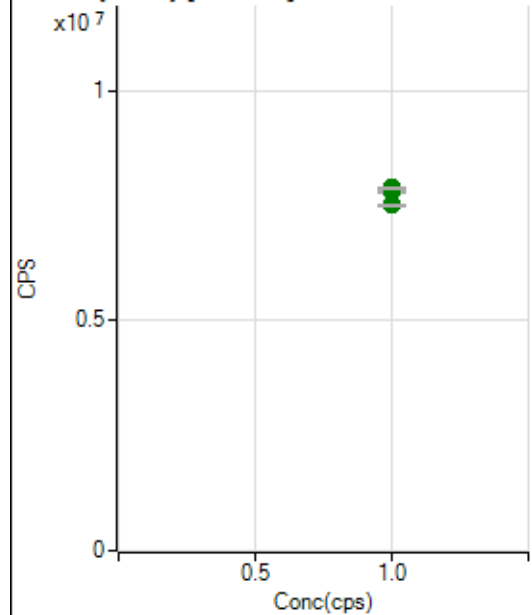
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3074786.21		P	0.2
2	☐	1.000					
3	☐	1.000		3101989.47		P	0.9
4	☐	1.000		3072213.50		P	0.3
5	☐	1.000		3031470.86		P	0.5
6	☐	1.000		2999093.36		P	0.7
7	☐	1.000		2980075.51		P	0.6
8	☐	1.000		2926531.17		P	0.4
9	☐	1.000		2694780.00		P	0.3

115 In (ISTD) [No Gas]

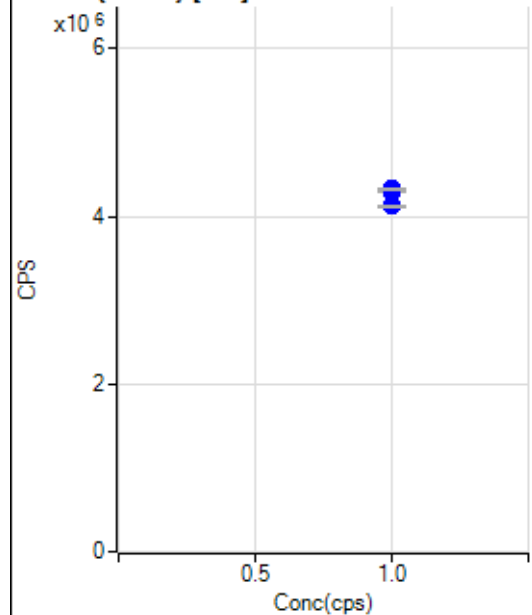
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6087341.08		A	0.4
2	☐	1.000					
3	☐	1.000		6057276.38		A	0.9
4	☐	1.000		6014914.40		A	1.2
5	☐	1.000		5949903.82		A	0.4
6	☐	1.000		5885836.36		A	0.2
7	☐	1.000		5834326.84		A	0.2
8	☐	1.000		5736601.95		A	0.8
9	☐	1.000		5490176.82		P	0.4

115 In (ISTD) [He]

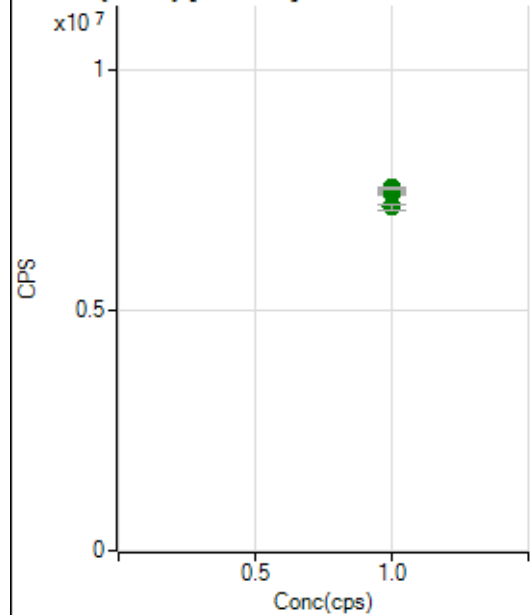
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1286479.53		P	0.2
2	☐	1.000					
3	☐	1.000		1297747.68		P	0.8
4	☐	1.000		1282680.60		P	0.3
5	☐	1.000		1270794.53		P	0.8
6	☐	1.000		1253293.88		P	0.7
7	☐	1.000		1247279.15		P	0.9
8	☐	1.000		1209967.24		P	0.8
9	☐	1.000		1190829.21		P	0.5

159 Tb (ISTD) [No Gas]

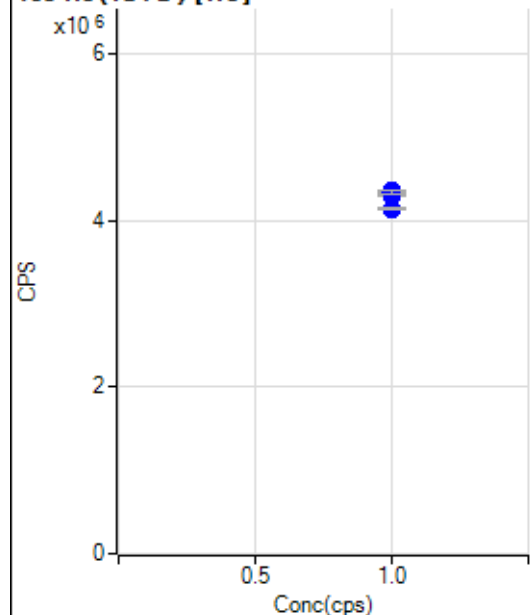
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7872110.30		A	0.6
2	☐	1.000					
3	☐	1.000		7882300.23		A	0.6
4	☐	1.000		7799442.52		A	0.4
5	☐	1.000		7846586.41		A	0.4
6	☐	1.000		7799792.87		A	1.1
7	☐	1.000		7841385.65		A	0.2
8	☐	1.000		7869362.80		A	0.3
9	☐	1.000		7510567.53		A	0.8

159 Tb (ISTD) [He]

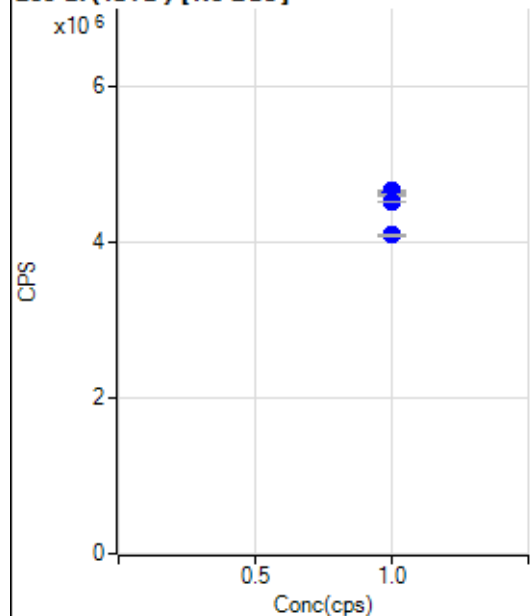
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4296253.96		P	0.6
2	☐	1.000					
3	☐	1.000		4312540.25		P	0.4
4	☐	1.000		4328803.79		P	0.2
5	☐	1.000		4307235.07		P	0.6
6	☐	1.000		4304472.71		P	0.6
7	☐	1.000		4328543.93		P	0.5
8	☐	1.000		4325678.72		P	0.7
9	☐	1.000		4126071.33		P	0.7

165 Ho (ISTD) [No Gas]

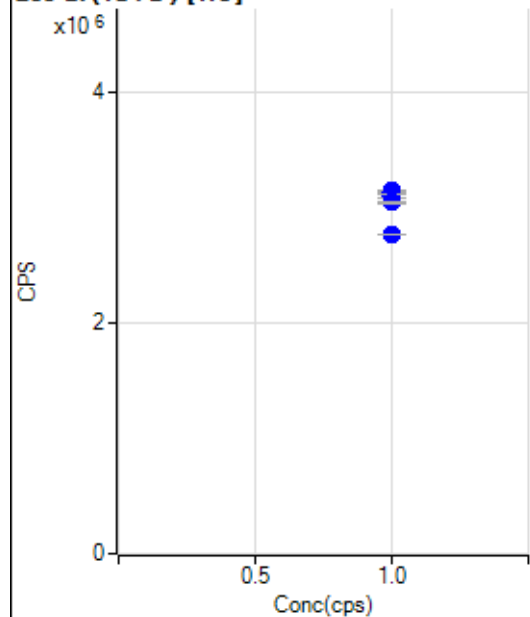
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7447464.66		A	0.6
2	☐	1.000					
3	☐	1.000		7534137.76		A	0.5
4	☐	1.000		7410876.47		A	0.5
5	☐	1.000		7462903.81		A	0.4
6	☐	1.000		7466057.81		A	0.8
7	☐	1.000		7505021.87		A	0.5
8	☐	1.000		7531598.43		A	0.5
9	☐	1.000		7136943.21		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4303716.29		P	0.3
2	☐	1.000					
3	☐	1.000		4301963.58		P	0.7
4	☐	1.000		4324101.26		P	0.8
5	☐	1.000		4318242.50		P	0.6
6	☐	1.000		4313077.99		P	0.6
7	☐	1.000		4357121.05		P	0.4
8	☐	1.000		4342214.86		P	0.9
9	☐	1.000		4138189.11		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4653746.00		P	0.8
2	☐	1.000					
3	☐	1.000		4626136.39		P	0.6
4	☐	1.000		4604126.35		P	0.3
5	☐	1.000		4656046.29		P	0.4
6	☐	1.000		4643545.76		P	1.2
7	☐	1.000		4605761.60		P	0.4
8	☐	1.000		4519086.91		P	0.3
9	☐	1.000		4090289.62		P	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3127713.56		P	0.3
2	☐	1.000					
3	☐	1.000		3130764.85		P	0.9
4	☐	1.000		3140484.15		P	0.1
5	☐	1.000		3110496.13		P	0.3
6	☐	1.000		3098845.72		P	0.9
7	☐	1.000		3092401.72		P	1.1
8	☐	1.000		3040784.54		P	0.7
9	☐	1.000		2761065.55		P	0.4