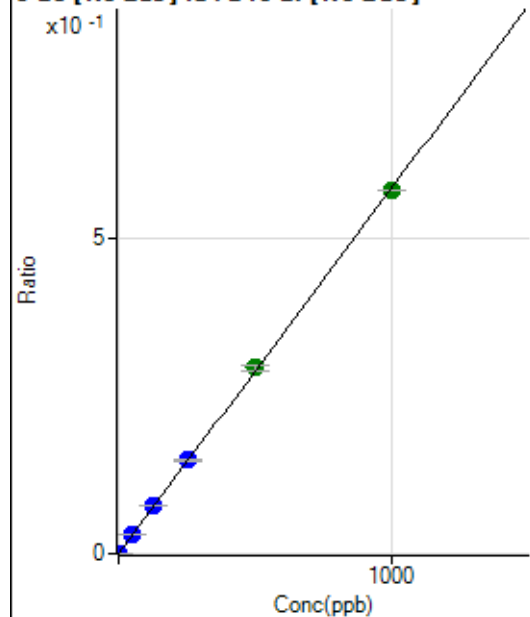


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7080323-MS.b\
 Analysis File: P7080323-MS.batch.bin
 DA Date-Time: 2023-08-03 16:21:08
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-03 13:15:17
2	005CALS.d	S02	2023-08-03 13:18:35
3	006CALS.d	S03	2023-08-03 13:21:53
4	007CALS.d	S04	2023-08-03 13:24:52
5	008CALS.d	S05	2023-08-03 13:27:44
6	009CALS.d	S06	2023-08-03 13:30:29
7	010CALS.d	S07	2023-08-03 13:33:16
8	011CALS.d	S08	2023-08-03 13:36:02

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.45	0.0000	P	18.8
2	☐	1.000	1.063	3262.60	0.0006	P	5.0
3	☐	50.000	52.394	157371.81	0.0303	P	1.7
4	☐	125.000	130.448	382593.97	0.0754	P	0.9
5	☐	250.000	256.991	748071.07	0.1485	P	1.7
6	☐	500.000	508.719	1441166.45	0.2940	A	2.4
7	☐	1000.000	993.092	2762754.96	0.5739	A	0.2
8	☐			1011.16	0.0002	P	28.2

$$y = 5.7787E-004 * x + 2.2291E-005$$

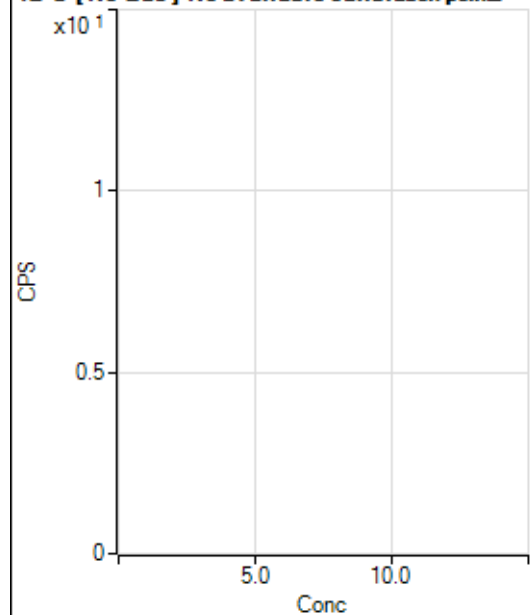
$$R = 0.9999$$

$$DL = 0.0217$$

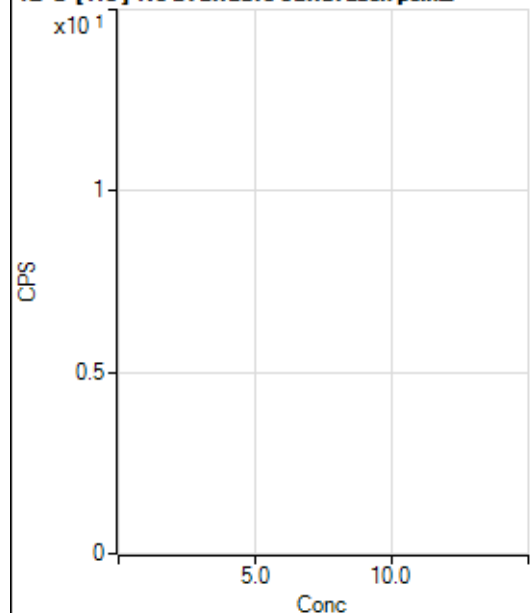
$$BEC = 0.03858$$

Weight: <None>

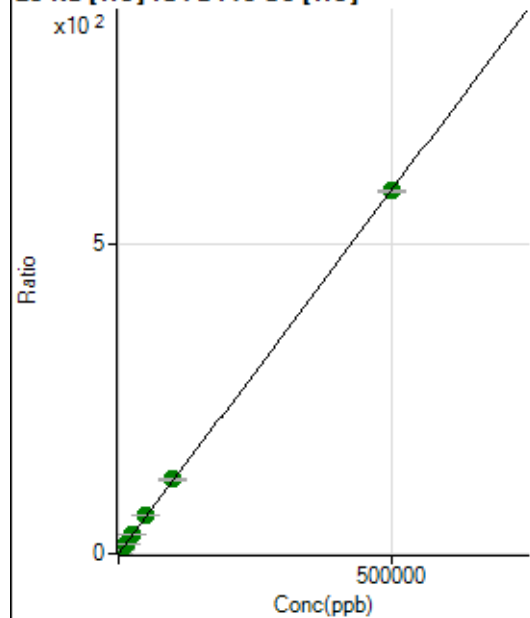
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31269.57	0.0384	P	2.0
2	☐	500.000	521.754	534736.47	0.6495	P	1.0
3	☐	5000.000	5223.126	4950788.61	6.1557	A	1.0
4	☐	12500.000	13066.278	11884342.60	15.3416	A	0.1
5	☐	25000.000	26122.248	23292059.37	30.6328	A	0.6
6	☐	50000.000	53665.213	46168876.53	62.8912	A	1.1
7	☐	100000.00	101984.29	91177366.42	119.4826	A	0.9
8	☐	500000.00	499164.09	449353788.8	584.6603	A	0.6

$$y = 0.0012 * x + 0.0384$$

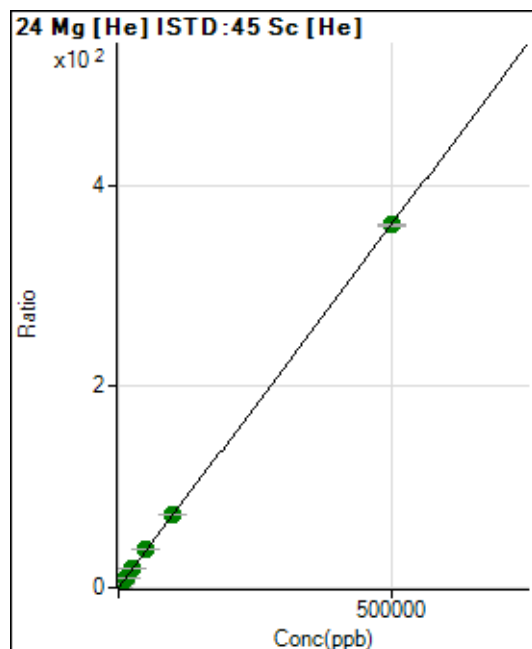
$$R = 1.0000$$

$$DL = 1.986$$

$$BEC = 32.78$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	894.48	0.0011	P	5.3
2	☐	500.000	515.930	307798.73	0.3738	P	0.8
3	☐	5000.000	5316.654	3090275.13	3.8422	A	0.2
4	☐	12500.000	13129.200	7348675.17	9.4865	A	0.3
5	☐	25000.000	26135.909	14358431.45	18.8834	A	0.5
6	☐	50000.000	53066.915	28145614.03	38.3401	A	1.2
7	☐	100000.00	100484.26	55399034.17	72.5974	A	1.0
8	☐	500000.00	499520.74	277372258.0	360.8873	A	0.5

$$y = 7.2246\text{E-}004 * x + 0.0011$$

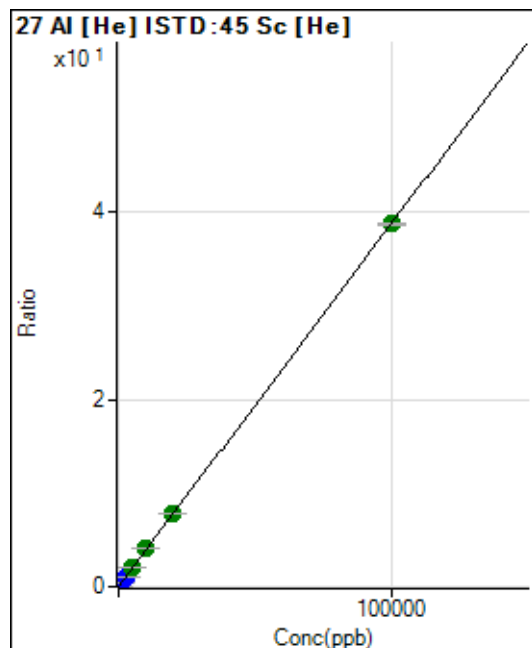
R = 1.0000

DL = 0.2425

BEC = 1.52

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	812.25	0.0010	P	3.4
2	☐	20.000	22.270	7925.45	0.0096	P	0.5
3	☐	1000.000	1086.059	339238.05	0.4218	P	0.3
4	☐	2500.000	2628.896	789799.64	1.0196	P	0.3
5	☐	5000.000	5302.479	1562885.71	2.0554	A	0.5
6	☐	10000.000	10703.102	3044916.69	4.1479	A	1.6
7	☐	20000.000	19969.206	5904955.40	7.7380	A	0.8
8	☐	100000.00	99916.641	29754068.45	38.7136	A	0.4

$$y = 3.8745\text{E-}004 * x + 9.9727\text{E-}004$$

R = 1.0000

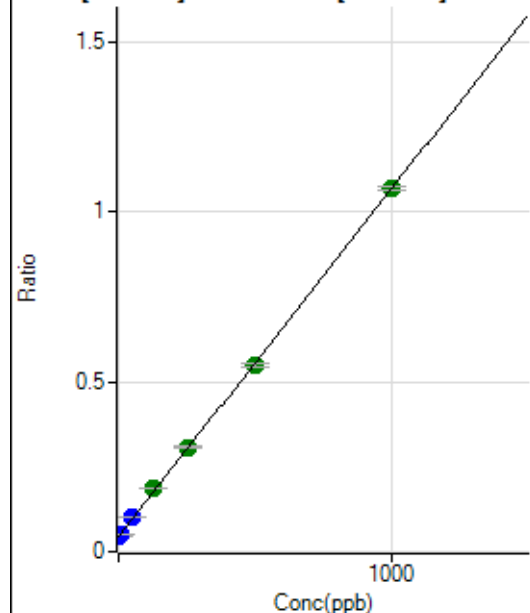
DL = 0.2657

BEC = 2.574

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	416514.10	0.0442	P	0.6
2	☐	10.000	8.682	499646.04	0.0531	P	0.3
3	☐	50.000	55.785	955727.92	0.1013	P	2.9
4	☐	125.000	138.663	1705779.84	0.1863	A	1.3
5	☐	250.000	256.833	2753737.88	0.3074	A	1.8
6	☐	500.000	493.711	4873419.23	0.5503	A	2.0
7	☐	1000.000	999.452	9452276.73	1.0687	A	1.1
8	☐			1190144.39	0.1332	A	6.3

$$y = 0.0010 * x + 0.0442$$

$$R = 0.9999$$

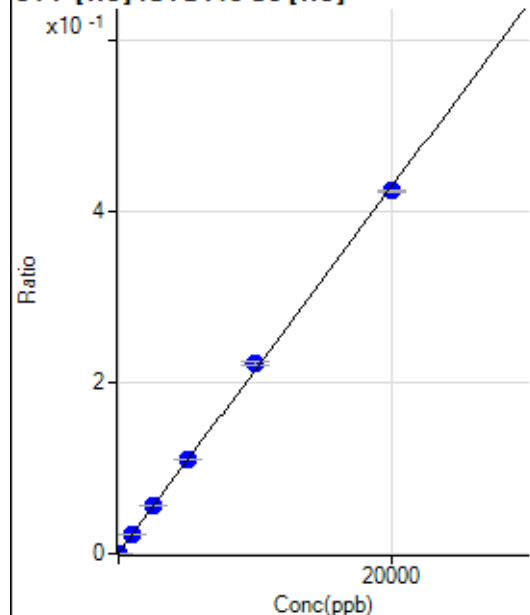
$$DL = 0.7552$$

$$BEC = 43.07$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-7.697	500.01	0.0006	P	4.1
2	☐	0.000	7.697	776.69	0.0009	P	8.5
3	☐	1000.000	1006.824	17948.43	0.0223	P	3.0
4	☐	2500.000	2547.020	42816.36	0.0553	P	0.4
5	☐	5000.000	5080.782	83247.01	0.1095	P	0.4
6	☐	10000.000	10388.796	163733.96	0.2230	P	1.6
7	☐	20000.000	19779.188	323526.56	0.4240	P	0.7
8	☐			546.68	0.0007	P	4.2

$$y = 2.1395E-005 * x + 7.7865E-004$$

$$R = 0.9997$$

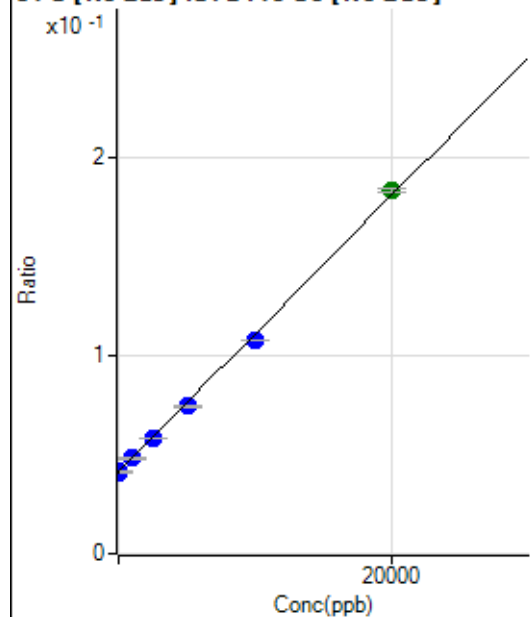
$$DL = 7.428$$

$$BEC = 36.39$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.126	387738.25	0.0411	P	0.7
2	☐	0.000	8.126	388164.15	0.0412	P	0.6
3	☐	1000.000	1001.029	454063.88	0.0481	P	1.8
4	☐	2500.000	2423.723	531661.32	0.0581	P	1.0
5	☐	5000.000	4780.573	667211.36	0.0745	P	1.4
6	☐	10000.000	9517.925	952407.48	0.1075	P	0.3
7	☐	20000.000	20305.377	1616393.69	0.1828	A	1.2
8	☐			340276.16	0.0381	P	2.2

$$y = 6.9738\text{E-}006 * x + 0.0412$$

$$R = 0.9995$$

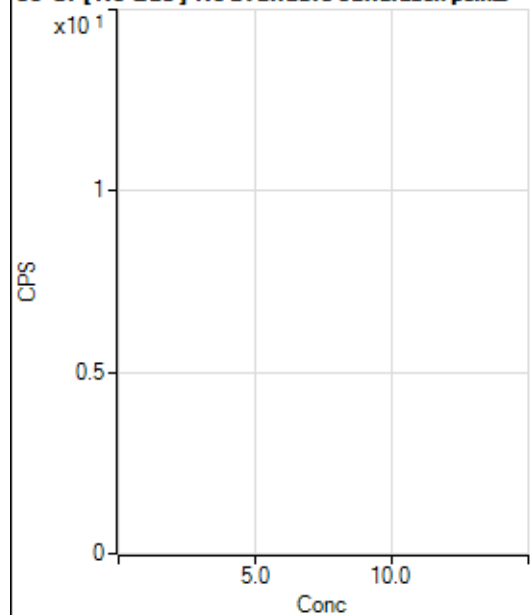
$$DL = 118$$

$$BEC = 5902$$

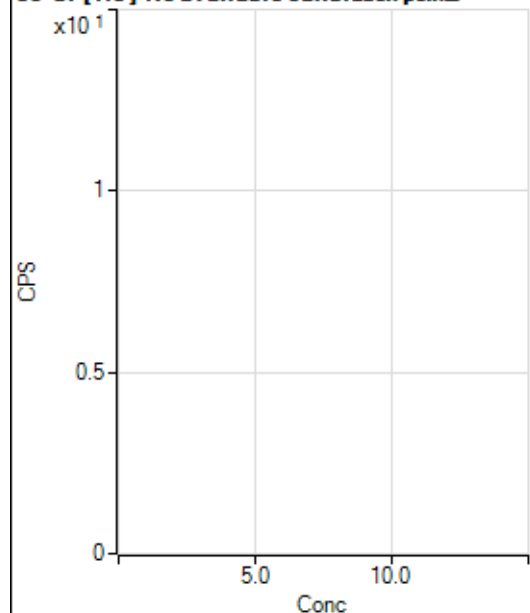
Weight: <None>

Min Conc: 0

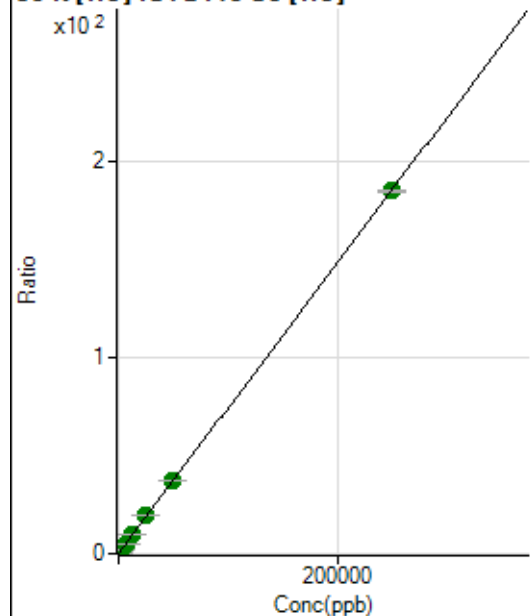
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	92209.19	0.1132	P	0.2
2	☐	500.000	527.143	413502.60	0.5022	P	0.2
3	☐	2500.000	2627.608	1650309.80	2.0522	A	2.2
4	☐	6250.000	6448.134	3773725.15	4.8716	A	0.7
5	☐	12500.000	12785.702	7260220.66	9.5483	A	0.8
6	☐	25000.000	26112.854	14228825.06	19.3830	A	1.5
7	☐	50000.000	49874.846	28172624.58	36.9180	A	0.4
8	☐	250000.00	249893.17	141816619.0	184.5199	A	0.2

$$y = 7.3794\text{E-}004 * x + 0.1132$$

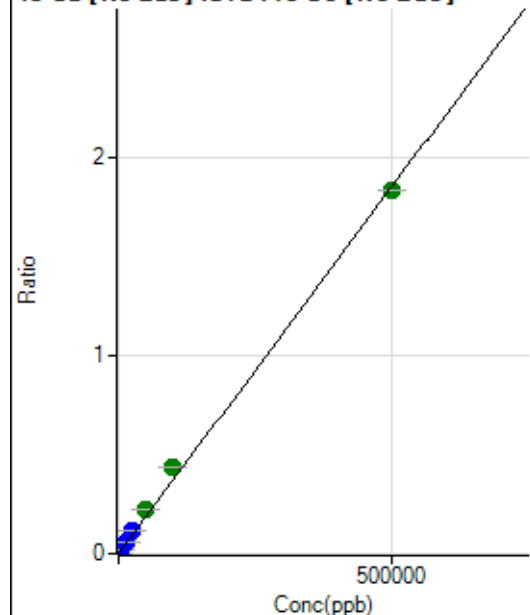
$$R = 1.0000$$

$$DL = 0.7501$$

$$BEC = 153.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0000	P	8.2
2	☐	500.000	522.245	18535.86	0.0020	P	2.7
3	☐	5000.000	6251.289	218799.53	0.0232	P	0.9
4	☐	12500.000	15628.022	530507.49	0.0579	P	0.2
5	☐	25000.000	30925.478	1026539.59	0.1146	P	1.3
6	☐	50000.000	60445.081	1983838.88	0.2240	A	0.2
7	☐	100000.00	118114.78	3870775.85	0.4377	A	2.0
8	☐	500000.00	494945.52	16382137.39	1.8339	A	0.1

$$y = 3.7053\text{E-}006 * x + 3.3214\text{E-}005$$

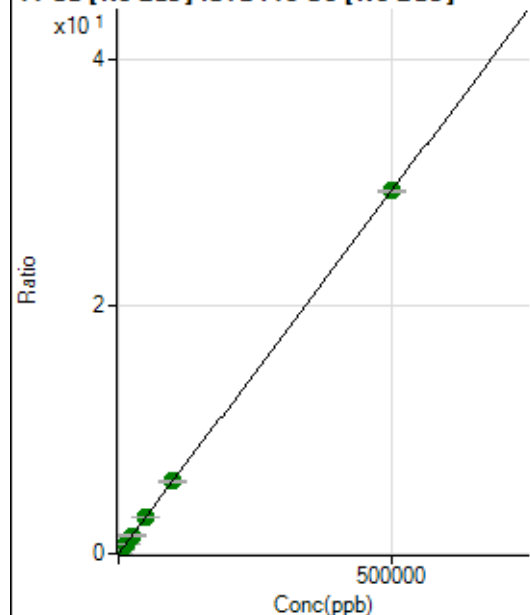
$$R = 0.9992$$

$$DL = 2.211$$

$$BEC = 8.964$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13099.37	0.0014	P	1.2
2	☐	500.000	531.488	306567.78	0.0326	P	0.4
3	☐	5000.000	5126.403	2848208.76	0.3020	A	2.0
4	☐	12500.000	12725.820	6845654.50	0.7476	A	1.0
5	☐	25000.000	24992.440	13137132.28	1.4669	A	1.6
6	☐	50000.000	49861.411	25907298.18	2.9252	A	0.7
7	☐	100000.00	99989.407	51864699.04	5.8646	A	2.3
8	☐	500000.00	500009.41	261915461.8	29.3209	A	0.8

$$y = 5.8638\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

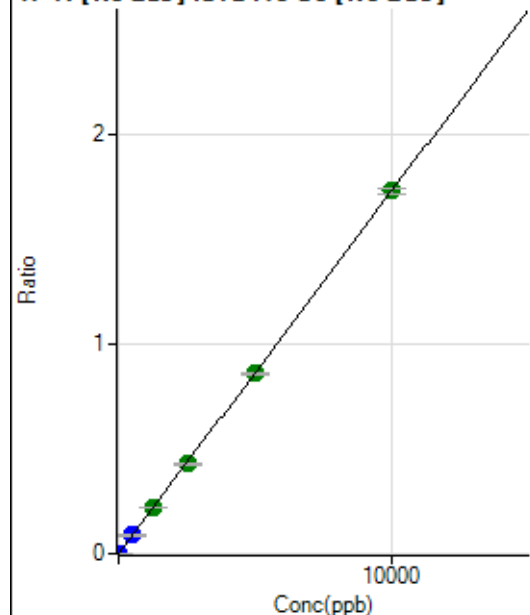
$$DL = 0.8288$$

$$BEC = 23.68$$

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	147.78	0.0000	P	5.9
2	☐	5.000	5.087	8435.76	0.0009	P	2.3
3	☐	500.000	505.991	825747.45	0.0876	P	2.2
4	☐	1250.000	1269.204	2010744.59	0.2196	A	1.1
5	☐	2500.000	2486.080	3851995.67	0.4301	A	1.8
6	☐	5000.000	4977.945	7627484.40	0.8612	A	0.8
7	☐	10000.000	10011.808	15319008.11	1.7321	A	1.9
8	☐			3298.22	0.0004	P	43.7

$$y = 1.7300\text{E-}004 * x + 1.5671\text{E-}005$$

$$R = 1.0000$$

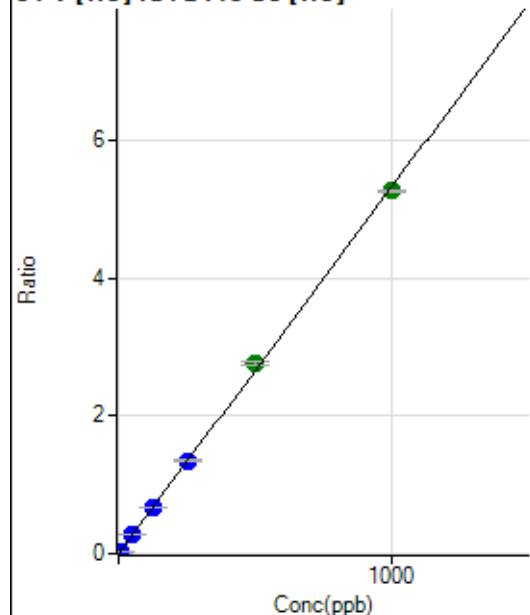
$$DL = 0.01612$$

$$BEC = 0.09058$$

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	6.66	0.0000	P	86.3
2	☐	5.000	4.947	21699.01	0.0264	P	1.7
3	☐	50.000	50.028	214302.29	0.2665	P	0.4
4	☐	125.000	126.011	519894.57	0.6711	P	0.4
5	☐	250.000	254.208	1029461.15	1.3539	P	0.9
6	☐	500.000	517.723	2024094.88	2.7574	A	2.3
7	☐	1000.000	989.959	4023551.43	5.2725	A	0.2
8	☐			1112.28	0.0014	P	9.7

$$y = 0.0053 * x + 8.1635\text{E-}006$$

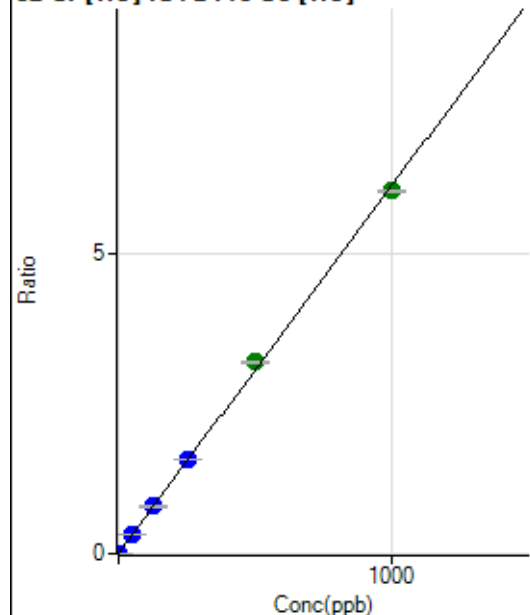
$$R = 0.9998$$

$$DL = 0.003966$$

$$BEC = 0.001533$$

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	2264.64	0.0028	P	6.4
2	☐	2.000	2.086	12806.64	0.0156	P	1.9
3	☐	50.000	51.216	254434.88	0.3164	P	1.9
4	☐	125.000	128.024	609417.91	0.7867	P	0.4
5	☐	250.000	257.163	1199432.40	1.5775	P	0.8
6	☐	500.000	521.943	2348395.78	3.1988	A	0.9
7	☐	1000.000	986.799	4613144.93	6.0452	A	0.8
8	☐			28459.13	0.0370	P	0.8

$$y = 0.0061 * x + 0.0028$$

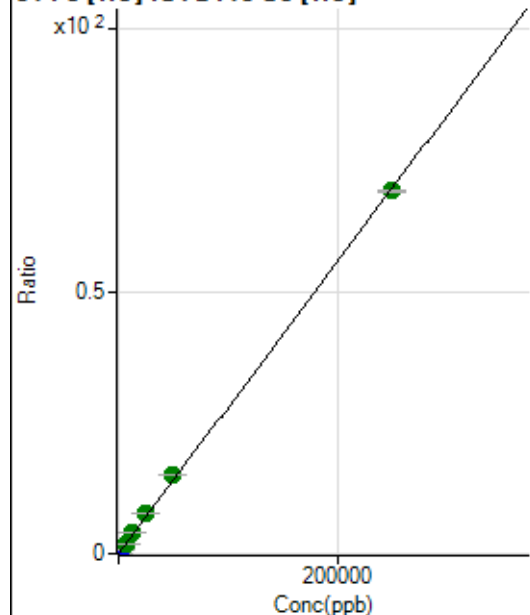
$$R = 0.9996$$

$$DL = 0.08731$$

$$BEC = 0.4542$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2421.33	0.0030	P	4.0
2	☐	50.000	59.039	15961.88	0.0194	P	2.6
3	☐	2500.000	2946.823	661273.52	0.8222	P	0.3
4	☐	6250.000	7159.592	1544069.20	1.9933	A	1.4
5	☐	12500.000	14087.060	2979886.97	3.9190	A	0.7
6	☐	25000.000	28142.538	5745331.37	7.8263	A	1.3
7	☐	50000.000	53781.411	11411488.86	14.9537	A	0.4
8	☐	250000.00	248822.90	53165980.32	69.1735	A	0.8

$$y = 2.7799E-004 * x + 0.0030$$

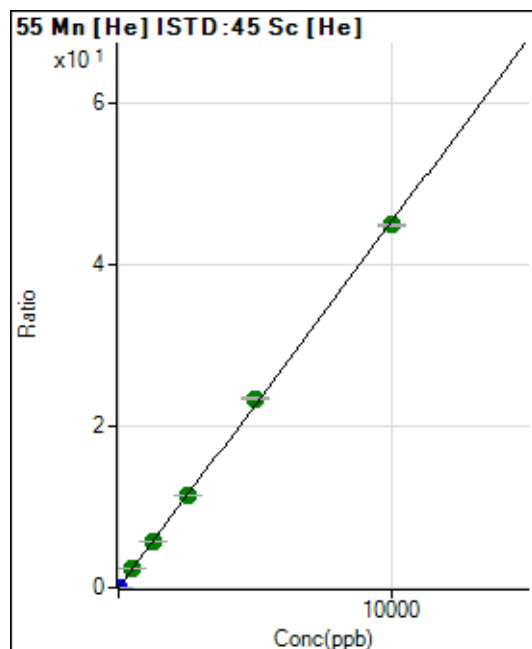
$$R = 0.9998$$

$$DL = 1.285$$

$$BEC = 10.7$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	233.34	0.0003	P	3.0
2	☐	1.000	1.051	4155.06	0.0050	P	1.6
3	☐	500.000	512.113	1865545.18	2.3198	A	1.5
4	☐	1250.000	1260.107	4421345.45	5.7076	A	0.2
5	☐	2500.000	2509.557	8642702.37	11.3666	A	0.7
6	☐	5000.000	5156.109	17143888.08	23.3534	A	1.1
7	☐	10000.000	9917.687	34279007.27	44.9195	A	0.7
8	☐			26096.02	0.0340	P	1.2

$$y = 0.0045 * x + 2.8651E-004$$

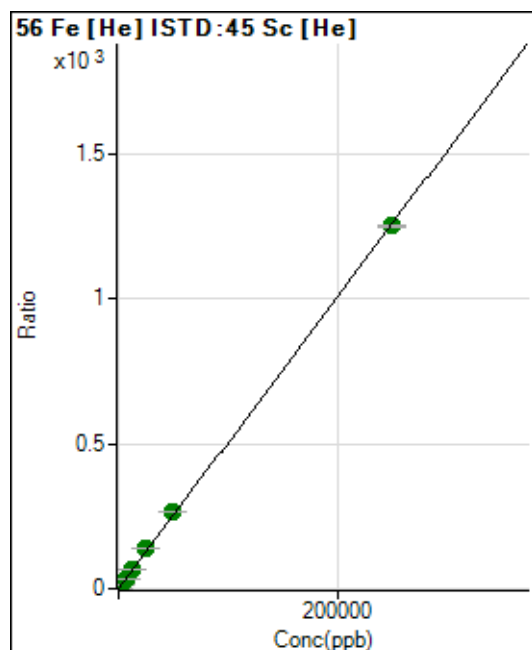
$$R = 0.9998$$

$$DL = 0.005724$$

$$BEC = 0.06326$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17658.22	0.0217	P	1.3
2	☐	50.000	56.622	252161.41	0.3063	P	0.4
3	☐	2500.000	2674.507	10827587.62	13.4637	A	1.4
4	☐	6250.000	6677.029	26012866.56	33.5803	A	0.2
5	☐	12500.000	13372.261	51117990.35	67.2305	A	1.6
6	☐	25000.000	27702.293	102223376.2	139.2531	A	1.6
7	☐	50000.000	52924.277	203002499.2	266.0185	A	0.5
8	☐	250000.00	249088.88	962205594.5	1,251.939	A	0.8

$$y = 0.0050 * x + 0.0217$$

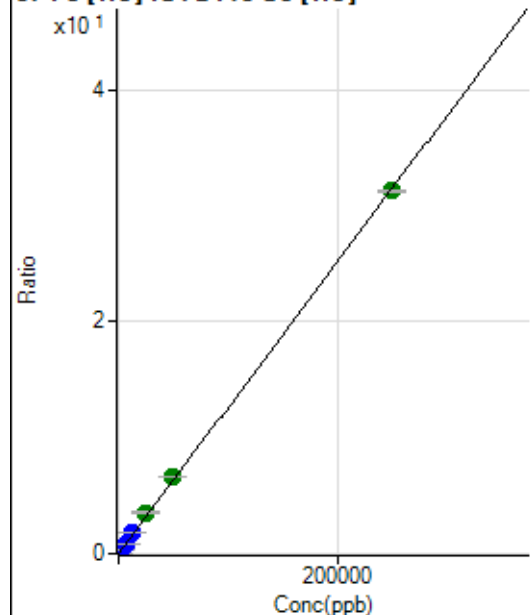
$$R = 0.9999$$

$$DL = 0.1668$$

$$BEC = 4.314$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1070.05	0.0013	P	3.5
2	☐	50.000	57.239	7002.81	0.0085	P	2.1
3	☐	2500.000	2838.354	287840.77	0.3579	P	2.1
4	☐	6250.000	7118.540	693867.90	0.8957	P	0.5
5	☐	12500.000	14327.575	1369803.28	1.8015	P	0.6
6	☐	25000.000	28225.225	2604290.73	3.5477	A	1.5
7	☐	50000.000	53017.609	5084427.18	6.6627	A	0.7
8	☐	250000.00	248957.47	24042054.92	31.2816	A	0.5

$$y = 1.2565\text{E-}004 * x + 0.0013$$

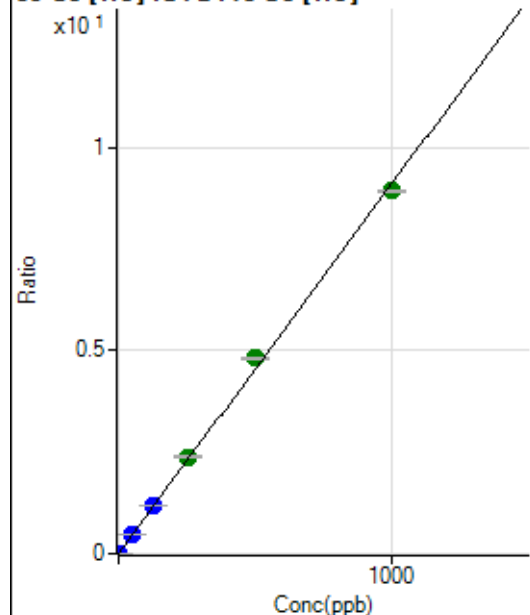
$$R = 0.9999$$

$$DL = 1.087$$

$$BEC = 10.46$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0002	P	24.1
2	☐	1.000	1.007	7675.37	0.0093	P	2.9
3	☐	50.000	52.271	382537.63	0.4757	P	1.0
4	☐	125.000	129.517	912798.38	1.1783	P	0.4
5	☐	250.000	262.168	1813490.43	2.3850	A	0.5
6	☐	500.000	528.843	3531660.50	4.8109	A	1.3
7	☐	1000.000	981.858	6815970.87	8.9318	A	0.6
8	☐			19263.59	0.0251	P	1.0

$$y = 0.0091 * x + 1.6523\text{E-}004$$

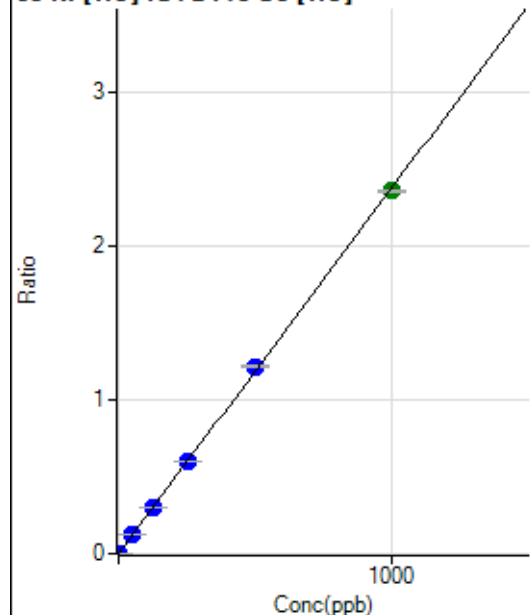
$$R = 0.9993$$

$$DL = 0.01315$$

$$BEC = 0.01816$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	104.45	0.0001	P	35.8
2	☐	1.000	1.064	2187.96	0.0027	P	7.5
3	☐	50.000	51.197	97970.59	0.1218	P	1.3
4	☐	125.000	127.149	234170.38	0.3023	P	0.8
5	☐	250.000	251.522	454593.39	0.5979	P	0.7
6	☐	500.000	512.398	894042.37	1.2178	P	0.8
7	☐	1000.000	993.092	1801152.87	2.3602	A	0.6
8	☐			10729.45	0.0140	P	2.6

$$y = 0.0024 * x + 1.2842E-004$$

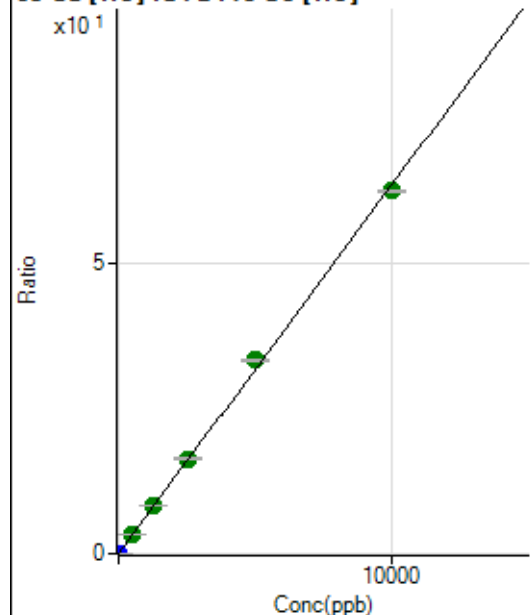
$$R = 0.9999$$

$$DL = 0.05802$$

$$BEC = 0.05404$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1086.72	0.0013	P	4.2
2	☐	2.000	2.077	11964.87	0.0145	P	1.4
3	☐	500.000	527.201	2694424.09	3.3507	A	2.4
4	☐	1250.000	1296.921	6383648.17	8.2408	A	1.3
5	☐	2500.000	2580.233	12465425.79	16.3938	A	0.7
6	☐	5000.000	5250.725	24490308.52	33.3598	A	0.9
7	☐	10000.000	9847.354	47743283.18	62.5627	A	0.2
8	☐			28139.84	0.0366	P	2.8

$$y = 0.0064 * x + 0.0013$$

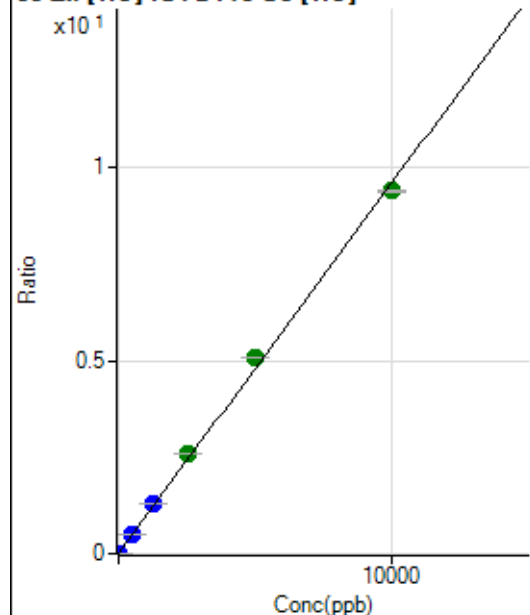
$$R = 0.9995$$

$$DL = 0.02634$$

$$BEC = 0.21$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3973.88	0.0049	P	1.7
2	☐	2.000	2.386	5900.53	0.0072	P	3.0
3	☐	500.000	527.352	410423.47	0.5104	P	2.4
4	☐	1250.000	1324.479	987271.51	1.2745	P	0.6
5	☐	2500.000	2674.266	1952922.43	2.5684	A	0.0
6	☐	5000.000	5301.544	3734529.02	5.0868	A	0.1
7	☐	10000.000	9794.984	7168872.84	9.3941	A	0.2
8	☐			17686.18	0.0230	P	1.4

$$y = 9.5857\text{E-}004 * x + 0.0049$$

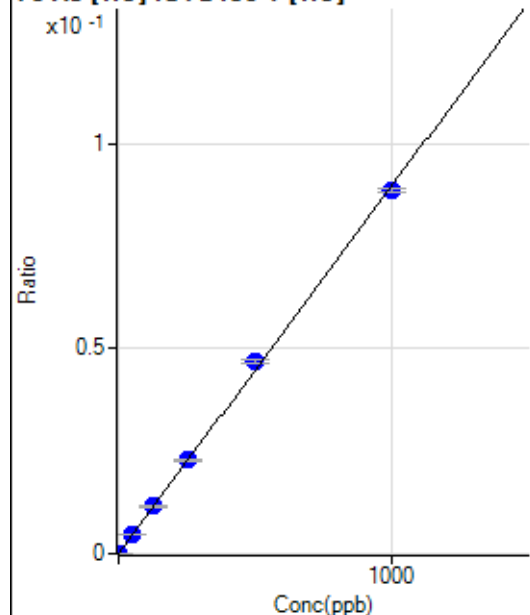
$$R = 0.9991$$

$$DL = 0.2657$$

$$BEC = 5.09$$

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	4.44	0.0000	P	43.4
2	☐	1.000	1.094	574.46	0.0001	P	11.7
3	☐	50.000	52.010	26557.13	0.0047	P	2.2
4	☐	125.000	128.552	64217.03	0.0115	P	1.3
5	☐	250.000	254.418	127029.14	0.0228	P	1.3
6	☐	500.000	521.608	250948.23	0.0467	P	2.0
7	☐	1000.000	987.547	494280.37	0.0885	P	0.9
8	☐			188.89	0.0000	P	17.3

$$y = 8.9607\text{E-}005 * x + 7.6364\text{E-}007$$

$$R = 0.9996$$

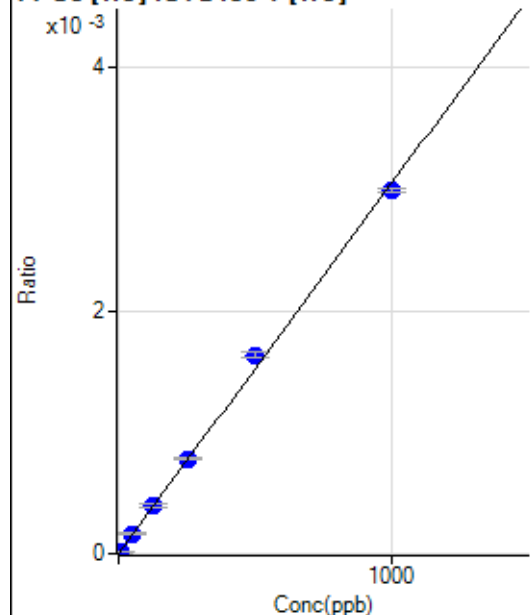
$$DL = 0.0111$$

$$BEC = 0.008522$$

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	86.6
2	☐	5.000	4.384	80.00	0.0000	P	20.2
3	☐	50.000	53.872	936.71	0.0002	P	4.6
4	☐	125.000	129.027	2192.41	0.0004	P	5.4
5	☐	250.000	255.416	4336.23	0.0008	P	2.1
6	☐	500.000	536.042	8767.10	0.0016	P	2.7
7	☐	1000.000	979.931	16671.71	0.0030	P	0.9
8	☐			77.78	0.0000	P	8.9

$$y = 3.0455\text{E-}006 * x + 3.8054\text{E-}007$$

$$R = 0.9990$$

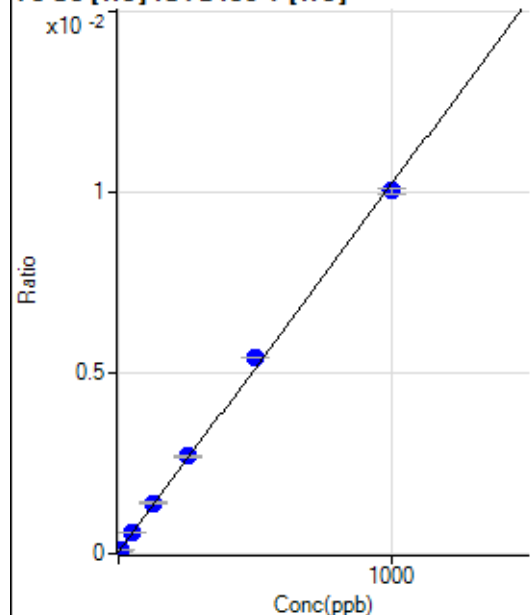
$$DL = 0.3246$$

$$BEC = 0.125$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.67	0.0000	P	9.1
2	☐	5.000	4.726	565.57	0.0001	P	4.1
3	☐	50.000	53.247	3362.64	0.0006	P	3.3
4	☐	125.000	132.625	7779.87	0.0014	P	2.9
5	☐	250.000	260.702	15023.27	0.0027	P	1.2
6	☐	500.000	528.676	29088.64	0.0054	P	0.5
7	☐	1000.000	981.872	55964.20	0.0100	P	1.4
8	☐			562.24	0.0001	P	5.1

$$y = 1.0153\text{E-}005 * x + 4.9252\text{E-}005$$

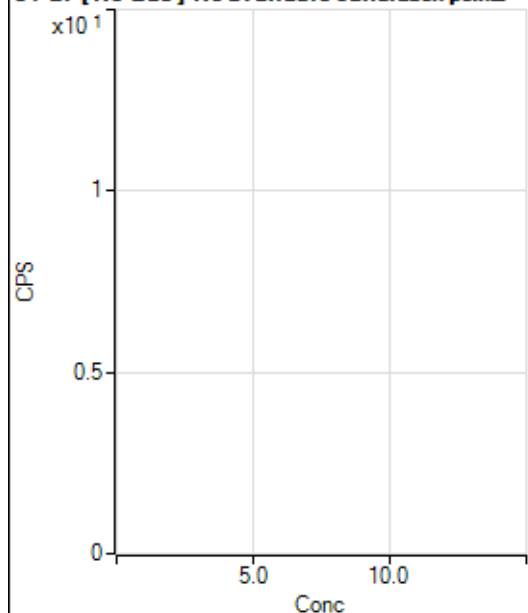
$$R = 0.9993$$

$$DL = 1.328$$

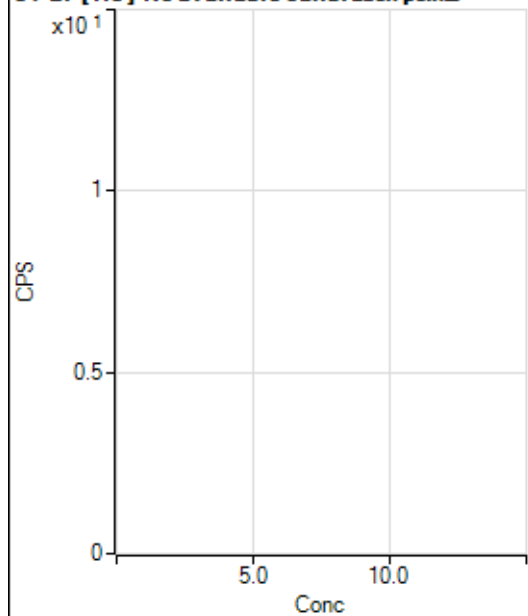
$$BEC = 4.851$$

Weight: <None>

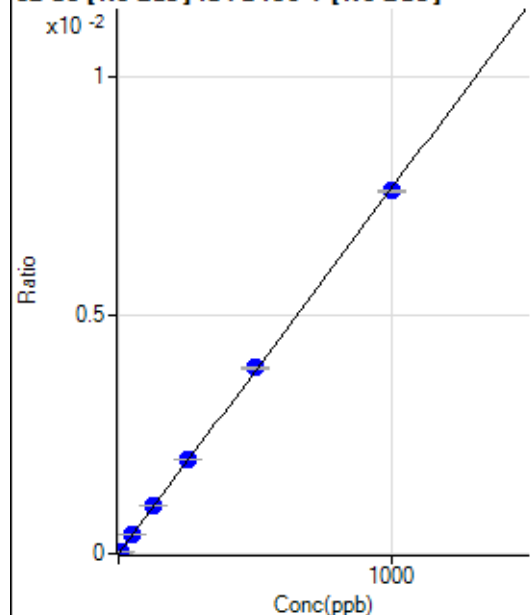
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25118.19		P	0.6
2	☐			24608.55		P	2.7
3	☐			24575.14		P	2.3
4	☐			23017.05		P	3.3
5	☐			22969.09		P	1.3
6	☐			22962.50		P	0.8
7	☐			24053.14		P	2.9
8	☐			27204.07		P	3.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			184.45		P	2.8
2	☐			183.34		P	11.1
3	☐			95.55		P	14.1
4	☐			111.11		P	22.5
5	☐			120.00		P	14.7
6	☐			137.78		P	13.3
7	☐			164.45		P	10.0
8	☐			687.80		P	6.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-2.02	0.0000	P	-350.
2	☐	5.000	5.080	936.17	0.0000	P	4.6
3	☐	50.000	53.301	9959.31	0.0004	P	0.4
4	☐	125.000	131.444	23840.43	0.0010	P	2.2
5	☐	250.000	257.569	46743.53	0.0020	P	1.1
6	☐	500.000	508.023	91946.55	0.0039	P	1.0
7	☐	1000.000	993.125	178998.68	0.0076	P	0.6
8	☐			1046.97	0.0000	P	3.5

$$y = 7.6740\text{E-}006 * x - 8.3869\text{E-}008$$

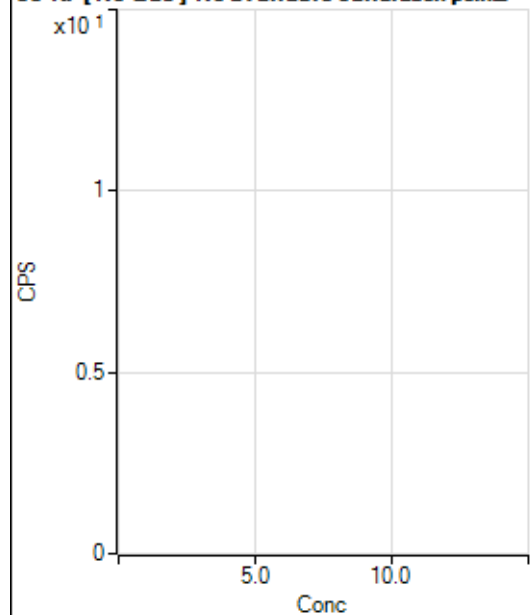
$$R = 0.9999$$

$$DL = 0.1148$$

$$BEC = -0.01093$$

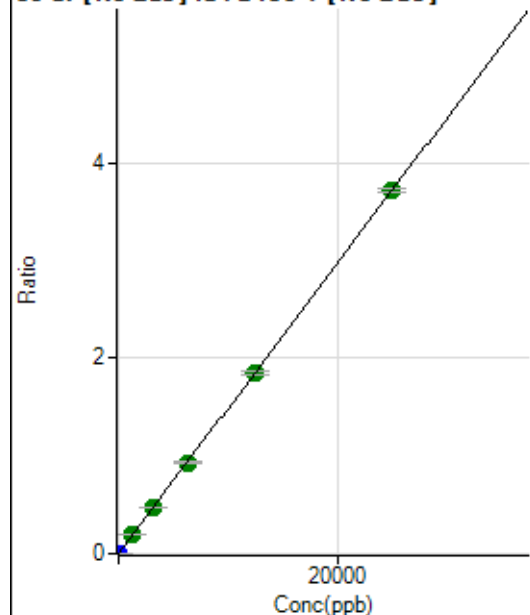
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			185.56		P	8.5
2	☐			173.34		P	5.1
3	☐			154.45		P	8.7
4	☐			177.78		P	13.3
5	☐			160.00		P	14.6
6	☐			148.89		P	26.2
7	☐			173.34		P	20.8
8	☐			222.23		P	14.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	310.01	0.0000	P	9.1
2	☐	1.000	1.019	3942.79	0.0002	P	2.6
3	☐	1250.000	1266.847	4574033.61	0.1878	A	1.0
4	☐	3125.000	3163.959	11087631.78	0.4691	A	1.7
5	☐	6250.000	6253.377	21924784.67	0.9271	A	2.1
6	☐	12500.000	12449.362	43531456.85	1.8456	A	1.8
7	☐	25000.000	25018.762	87115464.26	3.7090	A	1.2
8	☐			18920.74	0.0008	P	41.6

$$y = 1.4825E-004 * x + 1.2782E-005$$

$$R = 1.0000$$

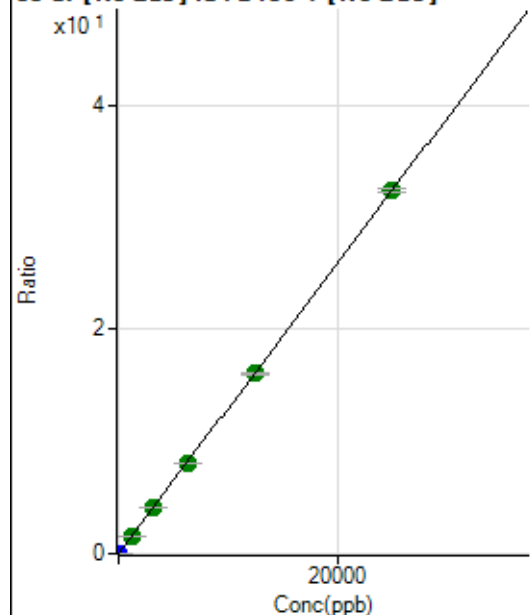
$$DL = 0.0236$$

$$BEC = 0.08622$$

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	828.92	0.0000	P	5.2
2	☐	1.000	0.995	31744.31	0.0013	P	1.5
3	☐	1250.000	1246.536	39201655.53	1.6097	A	0.9
4	☐	3125.000	3159.570	96445638.56	4.0800	A	1.1
5	☐	6250.000	6230.621	190276614.9	8.0457	A	1.6
6	☐	12500.000	12435.094	378732292.1	16.0576	A	1.1
7	☐	25000.000	25033.150	759216539.8	32.3255	A	1.2
8	☐			160942.11	0.0071	P	40.9

$$y = 0.0013 * x + 3.4182E-005$$

$$R = 1.0000$$

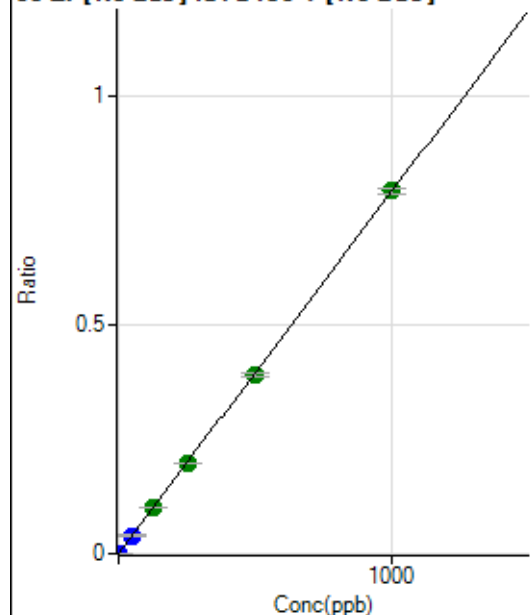
$$DL = 0.004158$$

$$BEC = 0.02647$$

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	848.92	0.0000	P	3.8
2	☐	1.000	0.953	18949.00	0.0008	P	1.4
3	☐	50.000	50.229	966882.32	0.0397	P	1.1
4	☐	125.000	129.048	2409980.36	0.1019	A	0.7
5	☐	250.000	249.402	4658881.01	0.1970	A	1.0
6	☐	500.000	493.919	9200941.95	0.3901	A	1.2
7	☐	1000.000	1002.673	18599910.70	0.7919	A	1.3
8	☐			10578.42	0.0005	P	15.5

$$y = 7.8973\text{E-}004 * x + 3.5005\text{E-}005$$

$$R = 1.0000$$

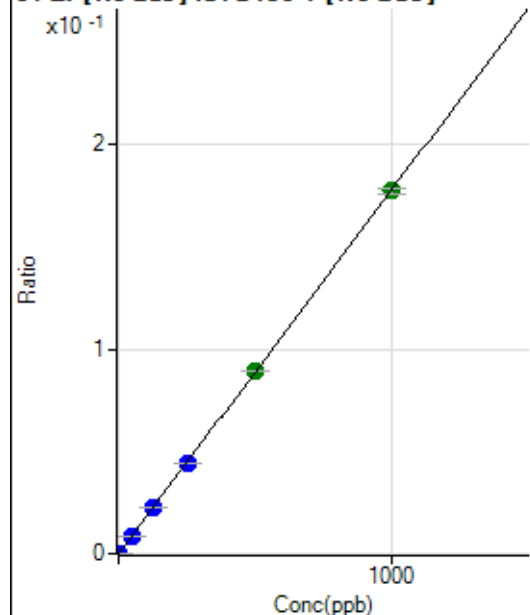
$$DL = 0.005031$$

$$BEC = 0.04432$$

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	143.34	0.0000	P	0.3
2	☐	1.000	0.933	4129.52	0.0002	P	1.9
3	☐	50.000	49.704	215158.92	0.0088	P	1.5
4	☐	125.000	125.971	529128.37	0.0224	P	1.2
5	☐	250.000	249.600	1048749.41	0.0443	P	0.7
6	☐	500.000	504.052	2112017.68	0.0895	A	0.3
7	☐	1000.000	997.967	4164199.62	0.1773	A	1.6
8	☐			2340.21	0.0001	P	17.5

$$y = 1.7764\text{E-}004 * x + 5.9103\text{E-}006$$

$$R = 1.0000$$

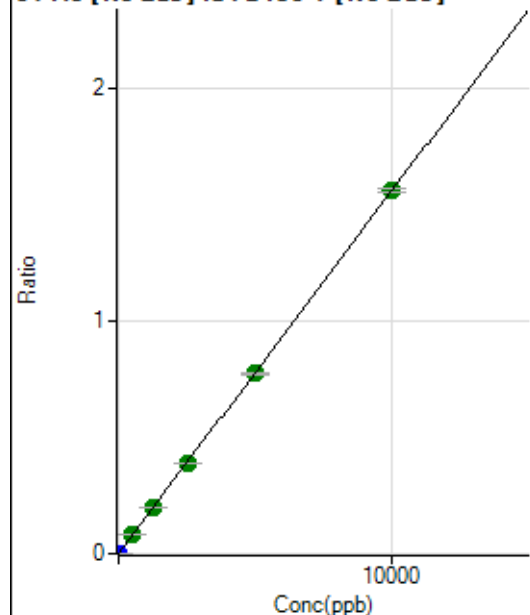
$$DL = 0.0003266$$

$$BEC = 0.03327$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	268.89	0.0000	P	12.8
2	☐	5.000	5.947	22527.43	0.0009	P	0.9
3	☐	500.000	513.922	1946616.17	0.0799	A	1.3
4	☐	1250.000	1272.564	4678697.74	0.1979	A	0.8
5	☐	2500.000	2494.930	9176400.42	0.3880	A	0.7
6	☐	5000.000	4976.950	18255586.12	0.7740	A	1.2
7	☐	10000.000	10009.276	36561387.79	1.5566	A	1.1
8	☐			13053.95	0.0006	P	24.3

$$y = 1.5552\text{E-}004 * x + 1.1090\text{E-}005$$

$$R = 1.0000$$

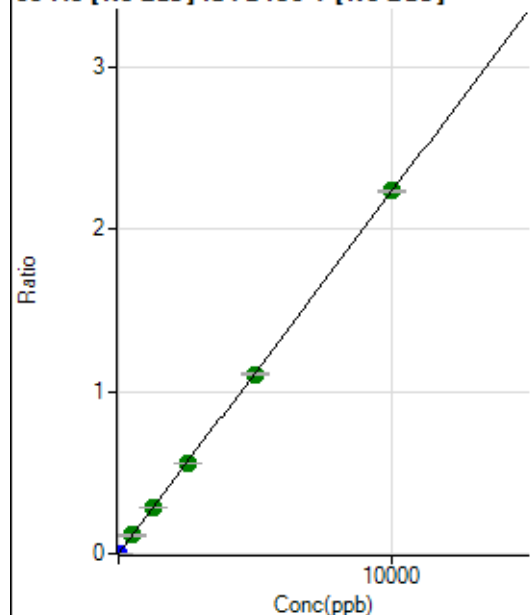
$$DL = 0.02728$$

$$BEC = 0.07131$$

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	48.89	0.0000	P	28.6
2	☐	5.000	5.054	27207.57	0.0011	P	1.3
3	☐	500.000	507.027	2756628.53	0.1132	A	1.1
4	☐	1250.000	1265.869	6680383.58	0.2826	A	0.5
5	☐	2500.000	2494.432	13169457.86	0.5568	A	0.9
6	☐	5000.000	4955.652	26093551.00	1.1063	A	0.9
7	☐	10000.000	10021.231	52543595.33	2.2371	A	0.8
8	☐			15595.73	0.0007	P	31.8

$$y = 2.2324\text{E-}004 * x + 2.0166\text{E-}006$$

$$R = 1.0000$$

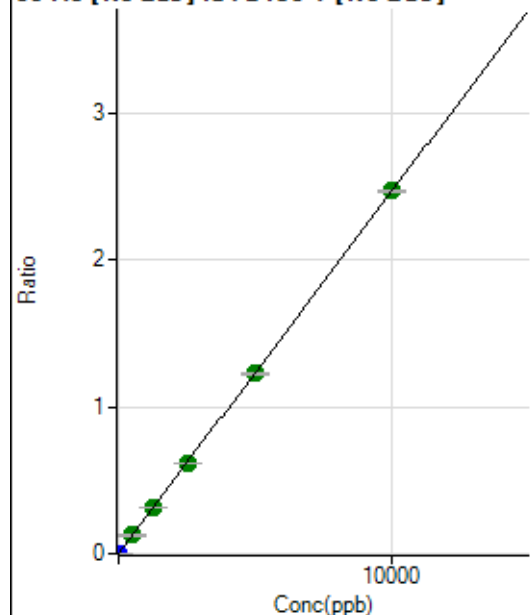
$$DL = 0.007749$$

$$BEC = 0.009033$$

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	123.34	0.0000	P	28.2
2	☐	5.000	5.117	30472.93	0.0013	P	1.6
3	☐	500.000	506.746	3041455.34	0.1249	A	1.2
4	☐	1250.000	1260.965	7346076.90	0.3108	A	0.9
5	☐	2500.000	2484.190	14478649.65	0.6122	A	0.5
6	☐	5000.000	4966.213	28866125.12	1.2239	A	0.9
7	☐	10000.000	10019.138	57991905.80	2.4691	A	0.4
8	☐			29750.09	0.0013	P	19.0

$$y = 2.4644\text{E-}004 * x + 5.0869\text{E-}006$$

$$R = 1.0000$$

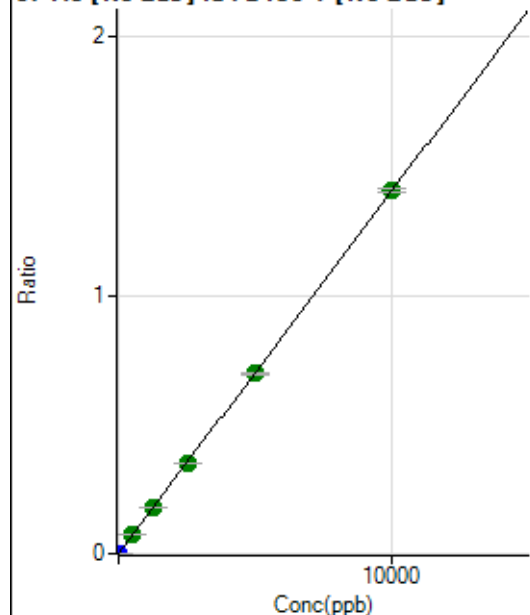
$$DL = 0.01747$$

$$BEC = 0.02064$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	30.1
2	☐	5.000	4.948	16710.75	0.0007	P	1.7
3	☐	500.000	517.814	1766489.00	0.0725	A	0.7
4	☐	1250.000	1274.943	4221844.80	0.1786	A	1.0
5	☐	2500.000	2496.483	8270695.92	0.3497	A	0.5
6	☐	5000.000	4965.369	16405735.59	0.6955	A	0.8
7	☐	10000.000	10014.186	32947152.29	1.4028	A	1.1
8	☐			9932.57	0.0004	P	28.3

$$y = 1.4008\text{E-}004 * x + 1.1454\text{E-}006$$

$$R = 1.0000$$

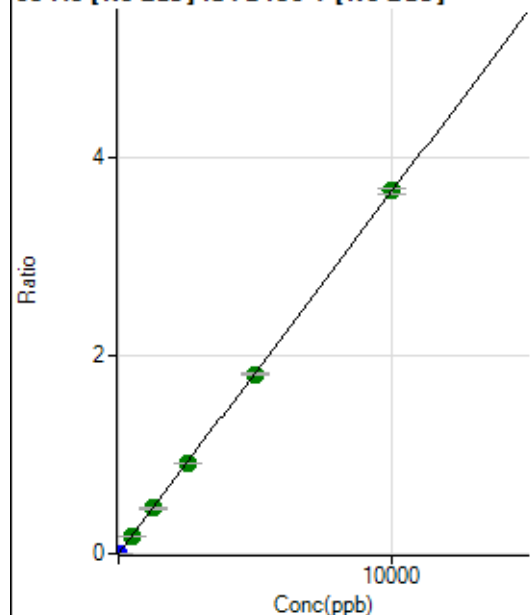
$$DL = 0.007391$$

$$BEC = 0.008177$$

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	66.67	0.0000	P	15.0
2	☐	5.000	5.047	44358.26	0.0018	P	0.9
3	☐	500.000	496.318	4407242.64	0.1810	A	1.3
4	☐	1250.000	1252.264	10793829.01	0.4566	A	1.0
5	☐	2500.000	2481.364	21398519.40	0.9048	A	0.2
6	☐	5000.000	4951.878	42587921.86	1.8056	A	0.9
7	☐	10000.000	10028.621	85889424.28	3.6568	A	1.5
8	☐			24952.97	0.0011	P	29.8

$$y = 3.6463\text{E-}004 * x + 2.7490\text{E-}006$$

$$R = 1.0000$$

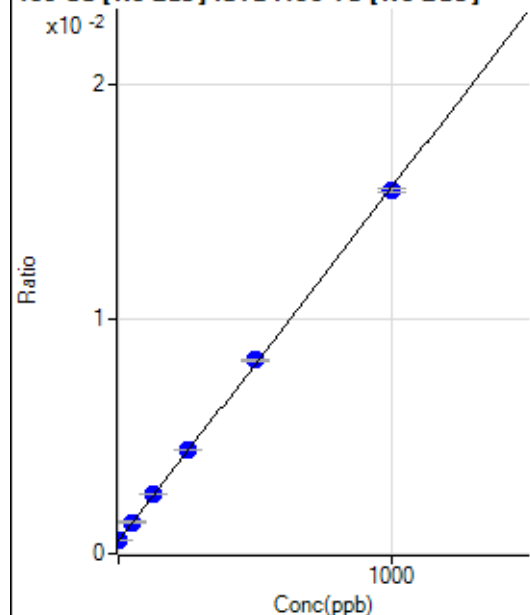
$$DL = 0.003391$$

$$BEC = 0.007539$$

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	10282.62	0.0005	P	3.1
2	☐	1.000	0.455	10340.44	0.0006	P	4.9
3	☐	50.000	53.384	25791.86	0.0014	P	0.2
4	☐	125.000	132.570	48063.65	0.0025	P	0.9
5	☐	250.000	259.332	84197.98	0.0045	P	0.4
6	☐	500.000	511.467	155696.97	0.0082	P	1.4
7	☐	1000.000	990.819	291563.75	0.0155	P	0.9
8	☐			9947.94	0.0006	P	1.9

$$y = 1.5050\text{E-}005 * x + 5.4782\text{E-}004$$

$$R = 0.9998$$

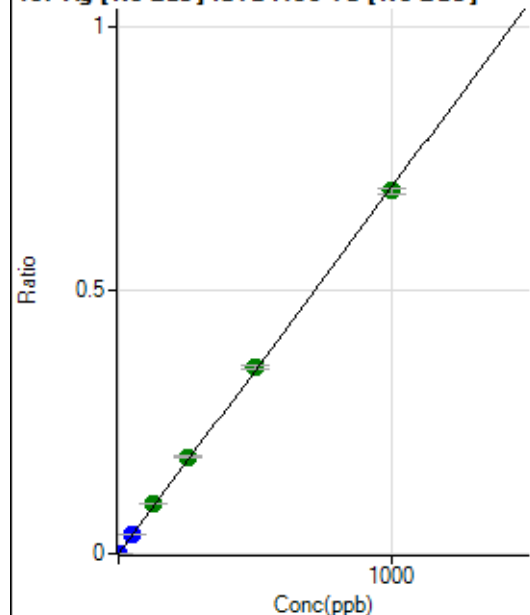
$$DL = 3.37$$

$$BEC = 36.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.44	0.0000	P	6.3
2	☐	1.000	1.033	13471.87	0.0007	P	2.1
3	☐	50.000	53.500	709317.51	0.0372	P	1.7
4	☐	125.000	137.208	1801174.35	0.0953	A	2.0
5	☐	250.000	263.608	3463476.16	0.1831	A	1.6
6	☐	500.000	509.456	6681998.09	0.3539	A	1.3
7	☐	1000.000	990.169	12970745.22	0.6878	A	1.7
8	☐			3847.24	0.0002	P	24.3

$$y = 6.9459\text{E-}004 * x + 5.0326\text{E-}006$$

$$R = 0.9998$$

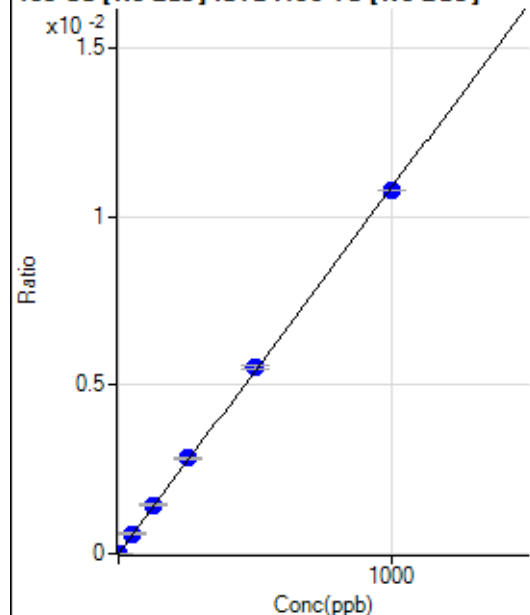
$$DL = 0.00136$$

$$BEC = 0.007245$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0000	P	40.6
2	☐	1.000	1.121	247.78	0.0000	P	10.8
3	☐	50.000	54.977	11413.48	0.0006	P	2.4
4	☐	125.000	132.655	27242.36	0.0014	P	2.1
5	☐	250.000	260.070	53438.04	0.0028	P	0.6
6	☐	500.000	509.644	104508.57	0.0055	P	1.7
7	☐	1000.000	991.454	203043.36	0.0108	P	0.1
8	☐			192.23	0.0000	P	12.5

$$y = 1.0858\text{E-}005 * x + 1.1271\text{E-}006$$

$$R = 0.9999$$

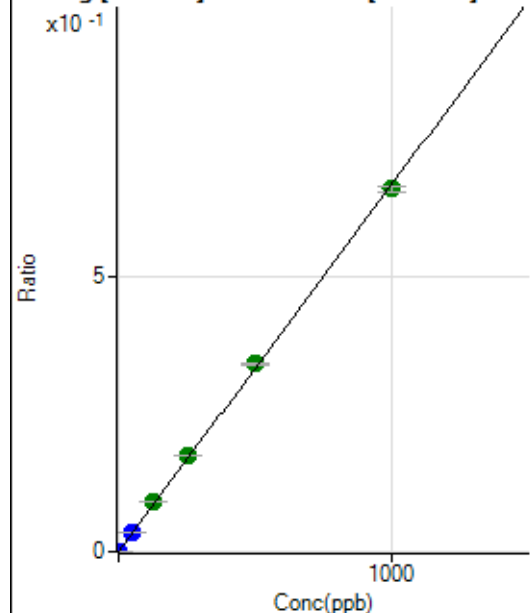
$$DL = 0.1264$$

$$BEC = 0.1038$$

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	46.67	0.0000	P	14.0
2	☐	1.000	1.040	12999.26	0.0007	P	1.4
3	☐	50.000	53.310	679574.75	0.0356	P	1.2
4	☐	125.000	137.545	1736173.39	0.0919	A	1.4
5	☐	250.000	263.874	3333668.77	0.1762	A	0.4
6	☐	500.000	512.127	6458365.60	0.3420	A	1.3
7	☐	1000.000	988.734	12453474.54	0.6603	A	1.3
8	☐			3667.19	0.0002	P	25.6

$$y = 6.6785E-004 * x + 2.4854E-006$$

$$R = 0.9997$$

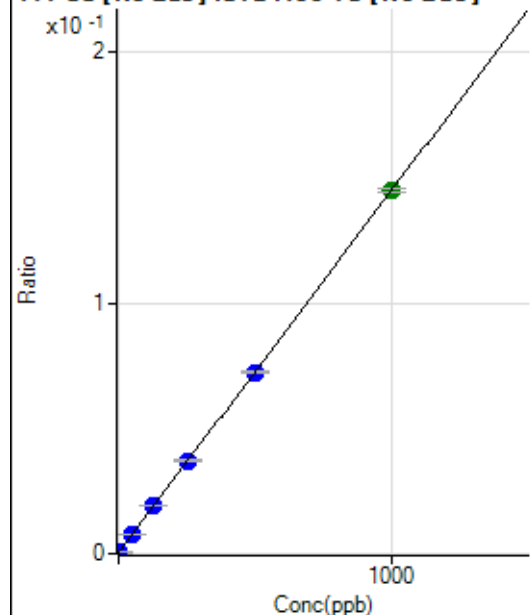
$$DL = 0.001562$$

$$BEC = 0.003721$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7197.50	0.0004	P	3.0
2	☐	1.000	1.044	9960.73	0.0005	P	4.1
3	☐	50.000	52.154	151202.27	0.0079	P	1.0
4	☐	125.000	129.079	359868.92	0.0190	P	1.5
5	☐	250.000	254.250	702457.58	0.0371	P	0.9
6	☐	500.000	498.878	1368881.68	0.0725	P	1.7
7	☐	1000.000	998.881	2730313.22	0.1448	A	1.0
8	☐			8249.09	0.0005	P	3.5

$$y = 1.4455E-004 * x + 3.8346E-004$$

$$R = 1.0000$$

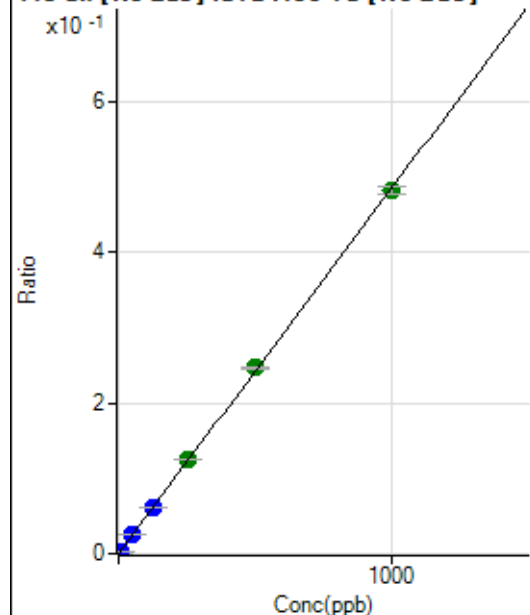
$$DL = 0.242$$

$$BEC = 2.653$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	985.60	0.0001	P	16.2
2	☐	5.000	4.982	46047.86	0.0025	P	1.2
3	☐	50.000	50.923	472494.37	0.0248	P	1.6
4	☐	125.000	126.436	1160171.55	0.0614	P	2.1
5	☐	250.000	258.496	2373392.00	0.1255	A	0.9
6	☐	500.000	508.573	4659860.63	0.2468	A	1.1
7	☐	1000.000	993.364	9089937.37	0.4820	A	2.0
8	☐			7406.44	0.0004	P	11.1

$$y = 4.8513\text{E-}004 * x + 5.2498\text{E-}005$$

$$R = 0.9999$$

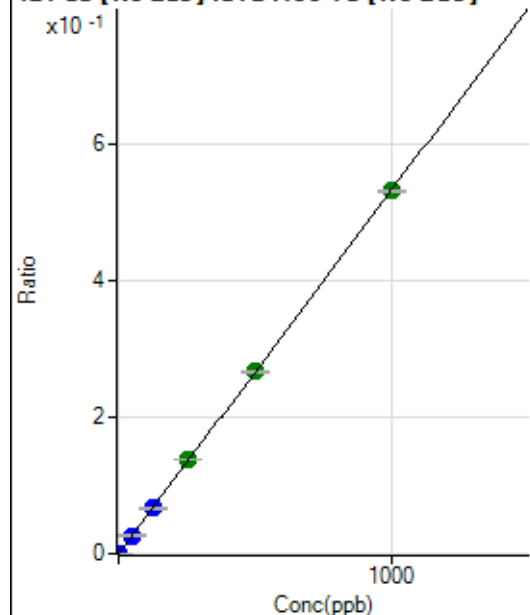
$$DL = 0.05269$$

$$BEC = 0.1082$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.89	0.0000	P	39.6
2	☐	2.000	1.963	19568.98	0.0010	P	1.2
3	☐	50.000	50.173	510288.03	0.0267	P	1.3
4	☐	125.000	124.568	1254399.65	0.0664	P	1.7
5	☐	250.000	257.717	2597610.58	0.1373	A	0.9
6	☐	500.000	500.434	5034890.17	0.2666	A	1.1
7	☐	1000.000	997.899	10027561.73	0.5317	A	0.3
8	☐			7374.19	0.0004	P	4.9

$$y = 5.3281\text{E-}004 * x + 3.6624\text{E-}006$$

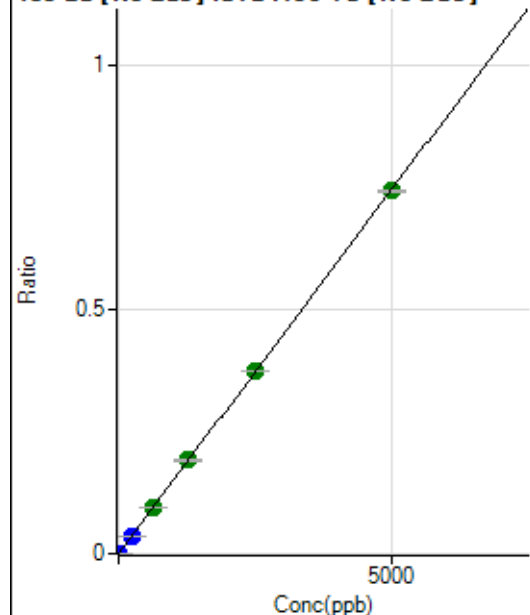
$$R = 1.0000$$

$$DL = 0.008157$$

$$BEC = 0.006874$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.00	0.0000	P	5.0
2	☐	10.000	9.636	26843.09	0.0014	P	2.5
3	☐	250.000	246.904	702477.22	0.0368	P	1.6
4	☐	625.000	640.965	1805912.75	0.0955	A	0.9
5	☐	1250.000	1282.489	3616465.12	0.1912	A	1.6
6	☐	2500.000	2509.762	7064323.02	0.3741	A	0.6
7	☐	5000.000	4985.157	14014282.01	0.7431	A	0.7
8	☐			9873.52	0.0006	P	9.0

$$y = 1.4906\text{E-}004 * x + 3.1955\text{E-}006$$

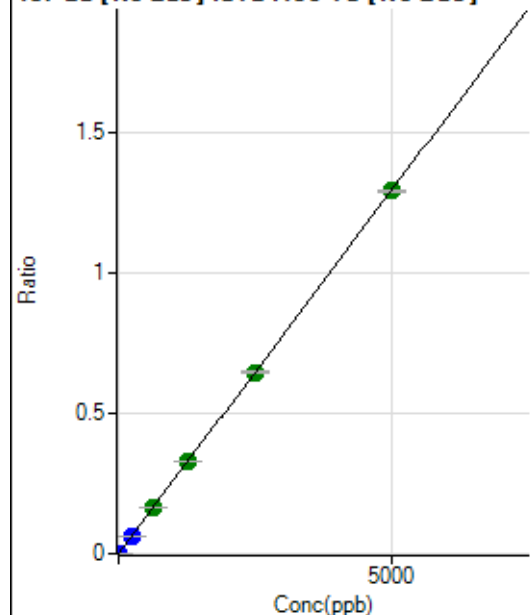
$$R = 1.0000$$

$$DL = 0.003232$$

$$BEC = 0.02144$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	90.00	0.0000	P	19.4
2	☐	10.000	9.763	47195.82	0.0025	P	0.9
3	☐	250.000	247.656	1223288.26	0.0641	P	1.2
4	☐	625.000	634.908	3105060.82	0.1643	A	2.7
5	☐	1250.000	1273.797	6235615.67	0.3296	A	1.0
6	☐	2500.000	2499.932	12216149.40	0.6469	A	1.1
7	☐	5000.000	4992.964	24368646.58	1.2921	A	0.4
8	☐			17211.72	0.0010	P	11.4

$$y = 2.5878\text{E-}004 * x + 4.7993\text{E-}006$$

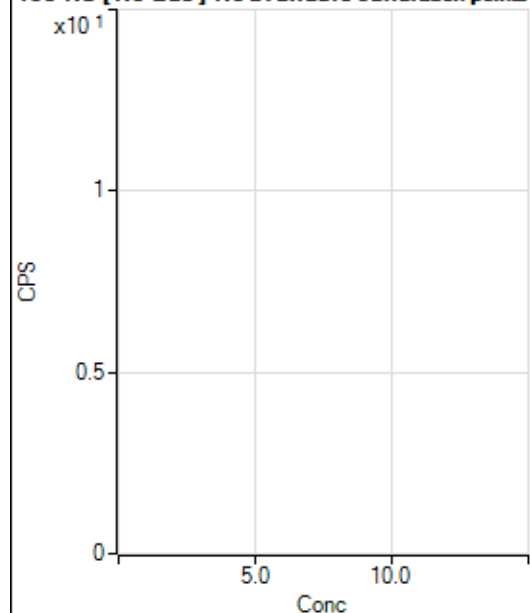
$$R = 1.0000$$

$$DL = 0.01077$$

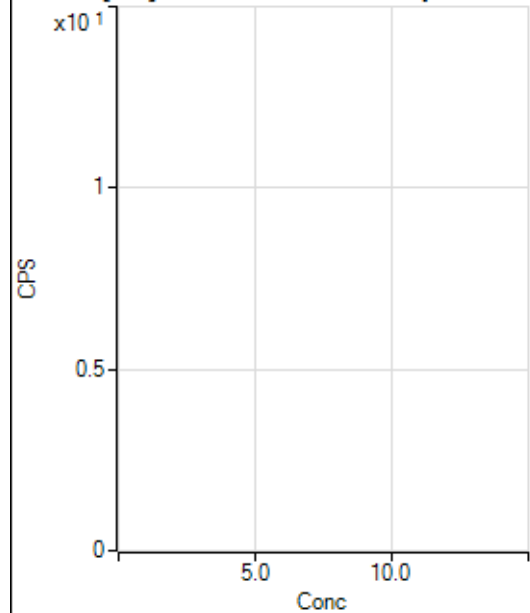
$$BEC = 0.01855$$

Weight: <None>

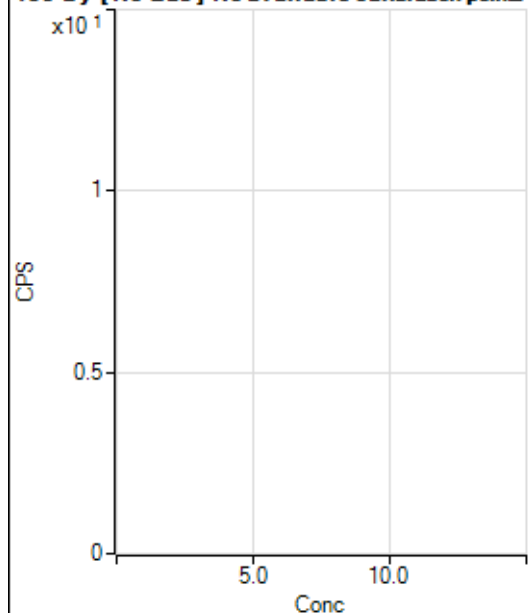
Min Conc: 0

150 Nd [No Gas] No available calibration points

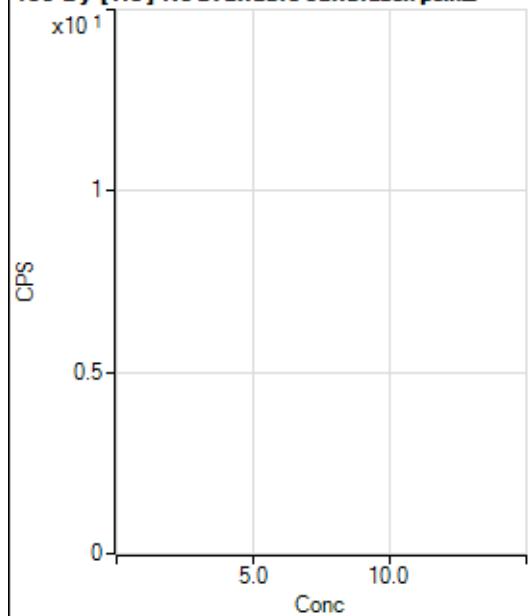
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			12.22		P	15.7
3	☐			86.67		P	16.8
4	☐			194.45		P	22.3
5	☐			378.90		P	6.2
6	☐			722.25		P	1.6
7	☐			1312.30		P	5.3
8	☐			477.79		P	1.1

150 Nd [He] No available calibration points

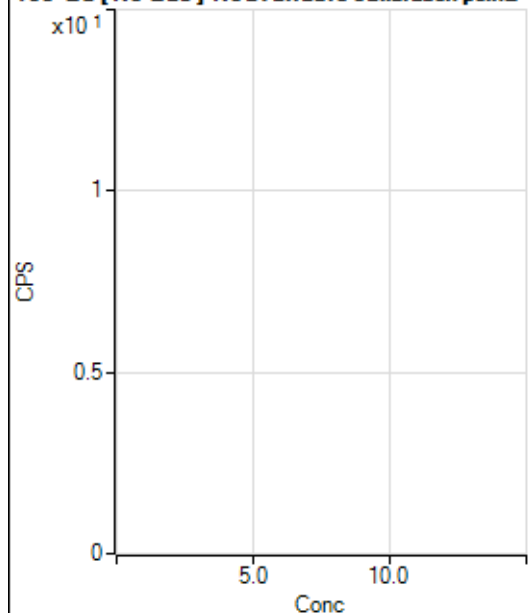
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			4.44		P	114.6
3	☐			20.00		P	28.9
4	☐			38.89		P	54.4
5	☐			92.22		P	27.1
6	☐			141.11		P	15.4
7	☐			242.23		P	4.8
8	☐			252.23		P	4.2

156 Dy [No Gas] No available calibration points

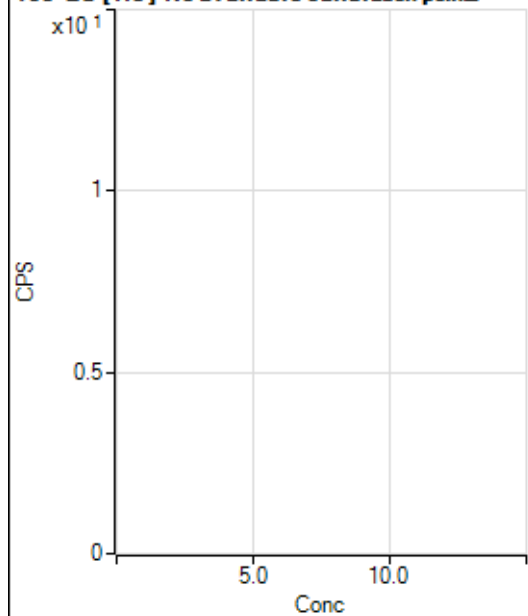
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐			15.56		P	53.9
3	☐			43.33		P	35.3
4	☐			127.78		P	15.7
5	☐			218.89		P	22.9
6	☐			384.46		P	11.3
7	☐			758.92		P	3.8
8	☐			2405.78		P	4.7

156 Dy [He] No available calibration points

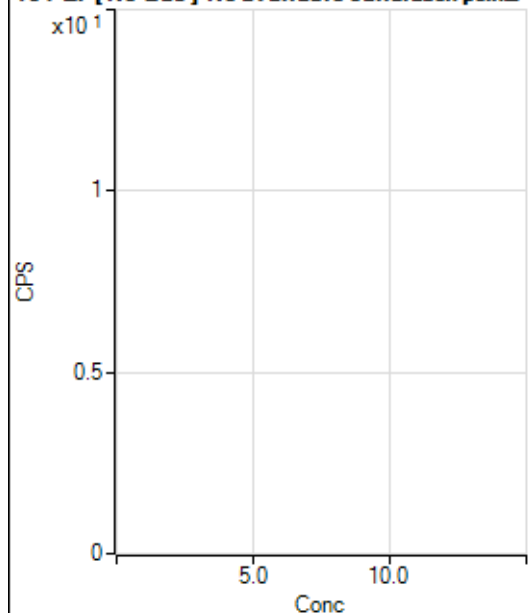
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			8.89		P	43.3
3	☐			54.45		P	61.3
4	☐			131.11		P	28.6
5	☐			218.89		P	14.6
6	☐			436.68		P	16.8
7	☐			903.37		P	9.4
8	☐			1616.78		P	2.1

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

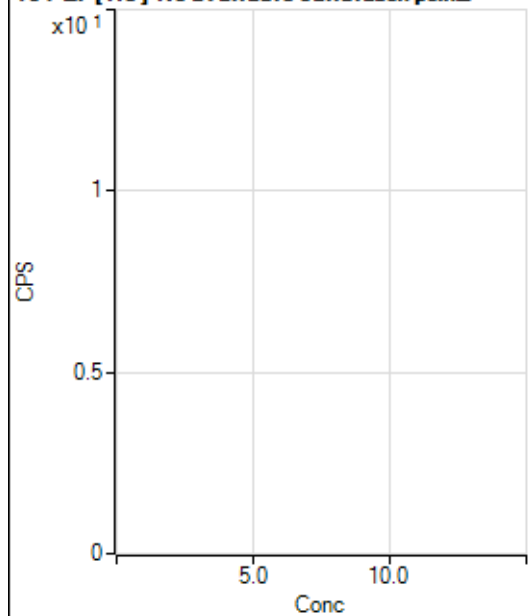
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			117.78		P	13.4
2	☐			121.11		P	11.1
3	☐			145.56		P	25.3
4	☐			215.56		P	5.4
5	☐			256.67		P	5.2
6	☐			430.01		P	6.3
7	☐			751.14		P	3.8
8	☐			2831.42		P	2.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			656.69		P	1.3
2	☐			667.80		P	13.4
3	☐			676.69		P	2.3
4	☐			674.47		P	7.8
5	☐			710.03		P	14.1
6	☐			845.59		P	3.7
7	☐			1010.05		P	5.0
8	☐			2355.78		P	6.1

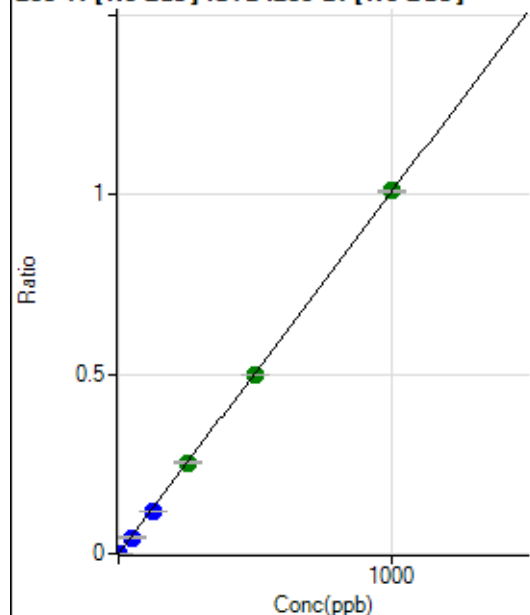
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			130.00		P	6.8
2	☐			155.56		P	23.7
3	☐			160.00		P	16.3
4	☐			166.67		P	3.5
5	☐			168.89		P	8.9
6	☐			206.67		P	19.6
7	☐			265.56		P	13.5
8	☐			412.23		P	4.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			85.56		P	20.0
2	☐			108.89		P	9.4
3	☐			83.33		P	20.8
4	☐			80.00		P	27.3
5	☐			107.78		P	12.5
6	☐			123.34		P	2.7
7	☐			163.34		P	8.2
8	☐			281.12		P	13.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	291.12	0.0000	P	2.1
2	☐	1.000	0.874	11177.99	0.0009	P	2.0
3	☐	50.000	45.079	570152.78	0.0454	P	1.0
4	☐	125.000	115.315	1435675.83	0.1161	P	0.5
5	☐	250.000	251.943	3168642.87	0.2535	A	2.3
6	☐	500.000	495.359	6179537.62	0.4985	A	0.7
7	☐	1000.000	1003.292	12062479.13	1.0095	A	0.7
8	☐			2561.40	0.0002	P	35.4

$$y = 0.0010 * x + 2.3394E-005$$

$$R = 0.9999$$

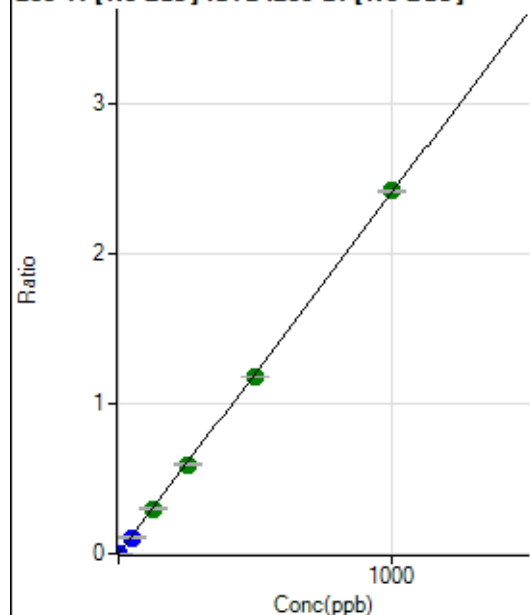
$$DL = 0.001479$$

$$BEC = 0.02325$$

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	680.03	0.0001	P	4.0
2	☐	1.000	0.873	26633.90	0.0022	P	0.7
3	☐	50.000	45.072	1361782.03	0.1084	P	1.0
4	☐	125.000	124.929	3715405.22	0.3003	A	1.0
5	☐	250.000	246.590	7409282.74	0.5927	A	1.4
6	☐	500.000	491.198	14637604.92	1.1807	A	0.3
7	☐	1000.000	1005.509	28878015.40	2.4168	A	0.9
8	☐			5890.34	0.0006	P	35.4

$$y = 0.0024 * x + 5.4655E-005$$

$$R = 0.9999$$

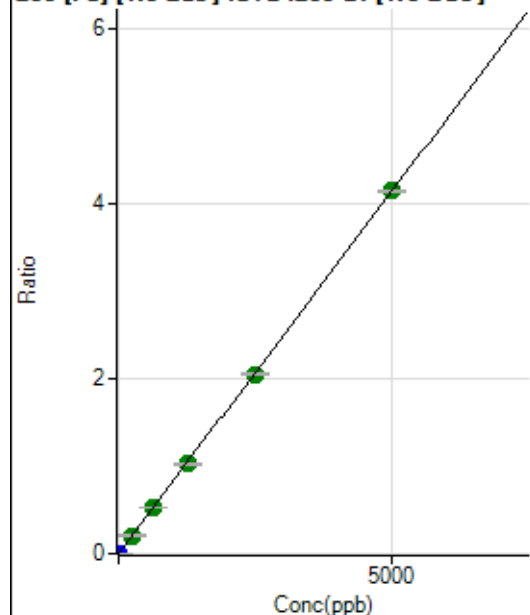
$$DL = 0.002697$$

$$BEC = 0.02274$$

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	790.03	0.0001	P	11.2
2	☐	1.000	0.865	9626.82	0.0008	P	0.7
3	☐	250.000	251.766	2614441.04	0.2081	A	2.2
4	☐	625.000	630.617	6446916.29	0.5211	A	0.5
5	☐	1250.000	1237.017	12775426.61	1.0222	A	2.4
6	☐	2500.000	2483.095	25437189.62	2.0518	A	1.2
7	☐	5000.000	5010.908	49474069.82	4.1405	A	0.2
8	☐			22640.40	0.0022	P	14.8

$$y = 8.2629\text{E-}004 * x + 6.3487\text{E-}005$$

$$R = 1.0000$$

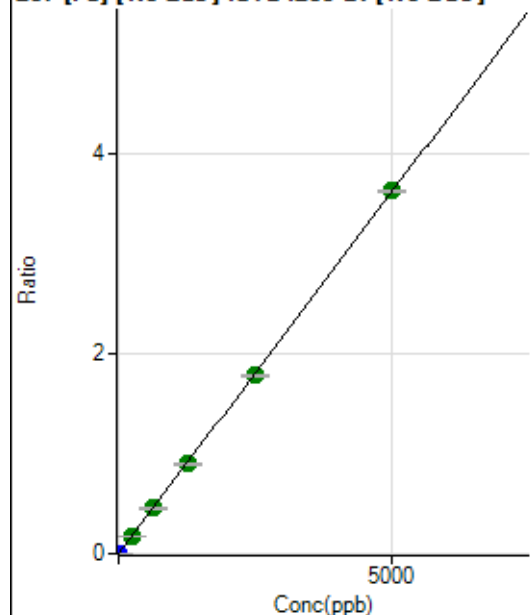
$$DL = 0.02571$$

$$BEC = 0.07683$$

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	685.58	0.0001	P	2.1
2	☐	1.000	0.835	8130.30	0.0007	P	2.1
3	☐	250.000	251.098	2275353.58	0.1811	A	0.9
4	☐	625.000	627.379	5596911.93	0.4524	A	1.2
5	☐	1250.000	1242.642	11199644.42	0.8960	A	2.0
6	☐	2500.000	2462.972	22017279.12	1.7759	A	0.4
7	☐	5000.000	5020.001	43249712.69	3.6196	A	0.3
8	☐			18643.24	0.0018	P	17.2

$$y = 7.2103\text{E-}004 * x + 5.5085\text{E-}005$$

$$R = 1.0000$$

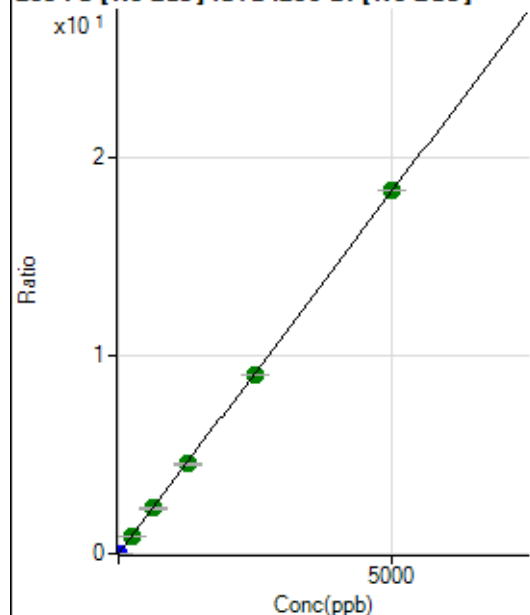
$$DL = 0.004853$$

$$BEC = 0.0764$$

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	3515.65	0.0003	P	7.2
2	☐	1.000	0.863	42465.39	0.0034	P	0.7
3	☐	250.000	249.924	11460425.97	0.9122	A	1.9
4	☐	625.000	626.056	28262239.89	2.2846	A	0.5
5	☐	1250.000	1241.117	56605887.31	4.5288	A	1.8
6	☐	2500.000	2475.237	111971750.9	9.0318	A	0.8
7	☐	5000.000	5014.474	218624622.1	18.2968	A	0.1
8	☐			97361.59	0.0095	P	15.3

$$y = 0.0036 * x + 2.8252E-004$$

$$R = 1.0000$$

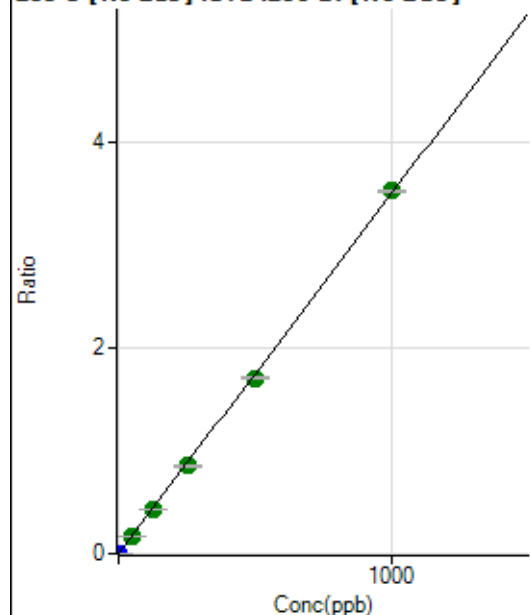
$$DL = 0.01667$$

$$BEC = 0.07743$$

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	37.78	0.0000	P	44.4
2	☐	1.000	0.819	35508.94	0.0029	P	1.3
3	☐	50.000	49.496	2176730.37	0.1733	A	0.7
4	☐	125.000	123.967	5368112.46	0.4339	A	1.3
5	☐	250.000	244.791	10709258.45	0.8568	A	2.3
6	☐	500.000	487.492	21154161.91	1.7063	A	1.6
7	☐	1000.000	1007.711	42146084.93	3.5272	A	0.2
8	☐			8341.95	0.0008	P	40.6

$$y = 0.0035 * x + 3.0273E-006$$

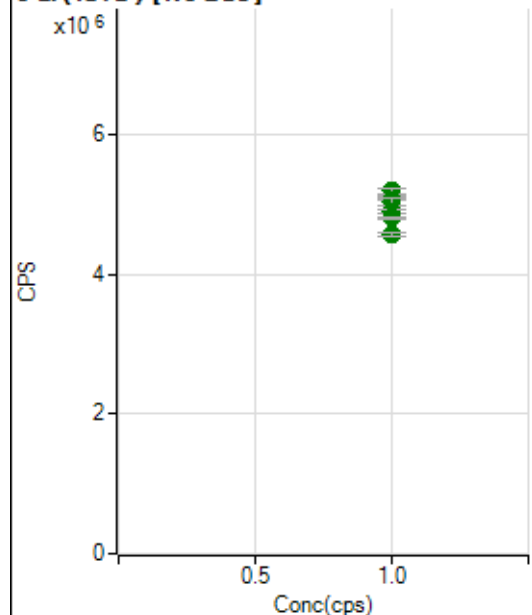
$$R = 0.9999$$

$$DL = 0.001153$$

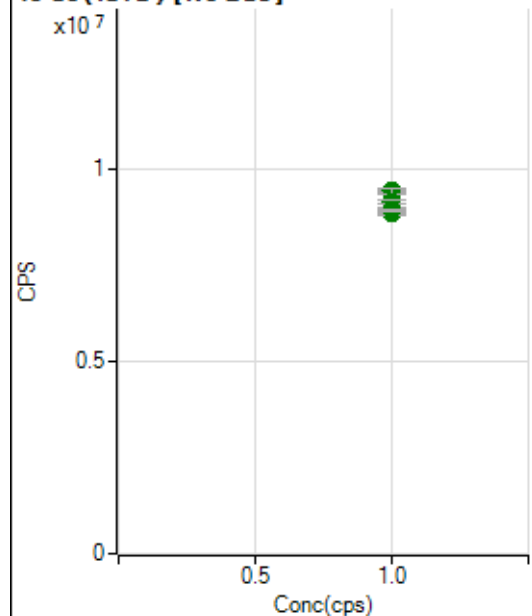
$$BEC = 0.0008649$$

Weight: <None>

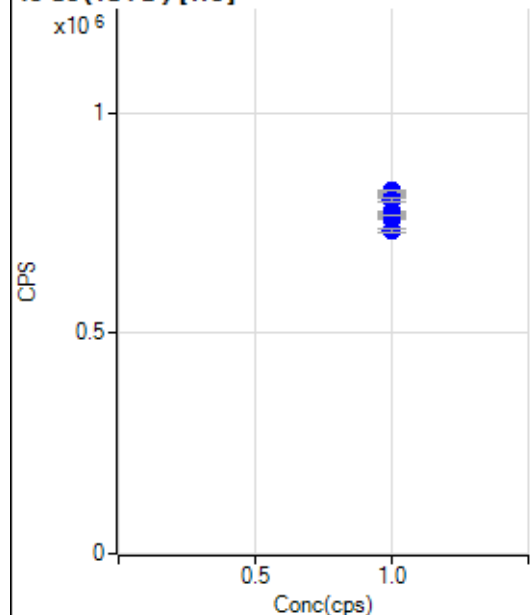
Min Conc: 0

6 Li (ISTD) [No Gas]

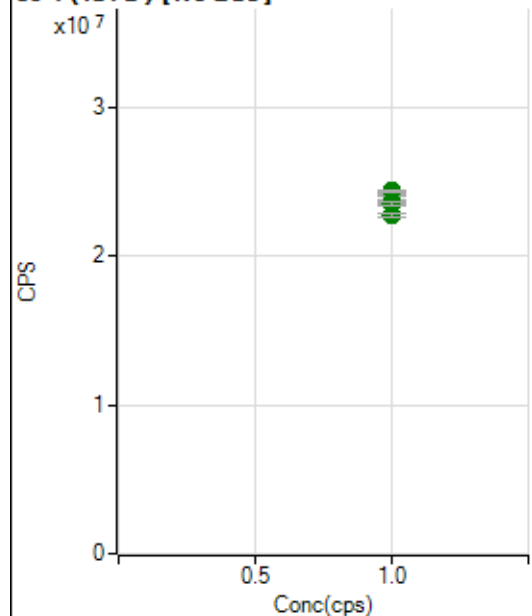
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5132916.59		A	0.2
2	☐	1.000		5127309.65		A	0.2
3	☐	1.000		5194750.79		A	1.4
4	☐	1.000		5073686.00		A	0.8
5	☐	1.000		5038065.59		A	2.7
6	☐	1.000		4902779.86		A	1.0
7	☐	1.000		4813989.37		A	0.5
8	☐	1.000		4564578.20		A	1.3

45 Sc (ISTD) [No Gas]

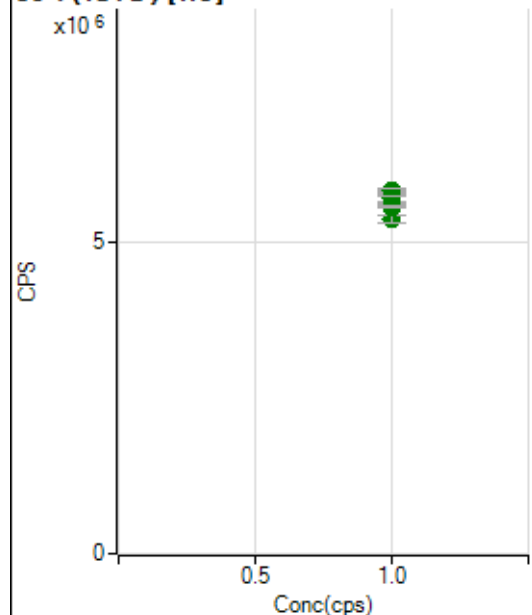
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9432991.39		A	0.7
2	☐	1.000		9417253.75		A	0.3
3	☐	1.000		9433607.98		A	1.8
4	☐	1.000		9156312.92		A	0.8
5	☐	1.000		8956557.51		A	0.9
6	☐	1.000		8856534.94		A	0.4
7	☐	1.000		8844440.70		A	0.6
8	☐	1.000		8932747.71		A	0.7

45 Sc (ISTD) [He]

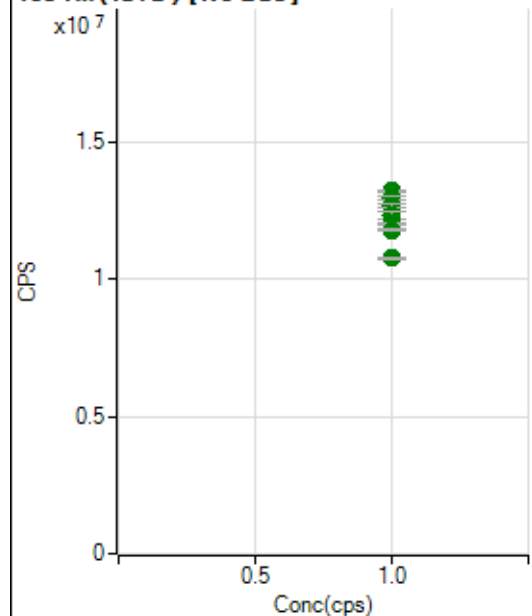
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		814434.47		P	0.6
2	☐	1.000		823354.25		P	0.3
3	☐	1.000		804291.89		P	1.2
4	☐	1.000		774647.23		P	0.2
5	☐	1.000		760378.50		P	0.6
6	☐	1.000		734167.27		P	1.1
7	☐	1.000		763123.50		P	0.5
8	☐	1.000		768574.73		P	0.4

89 Y (ISTD) [No Gas]

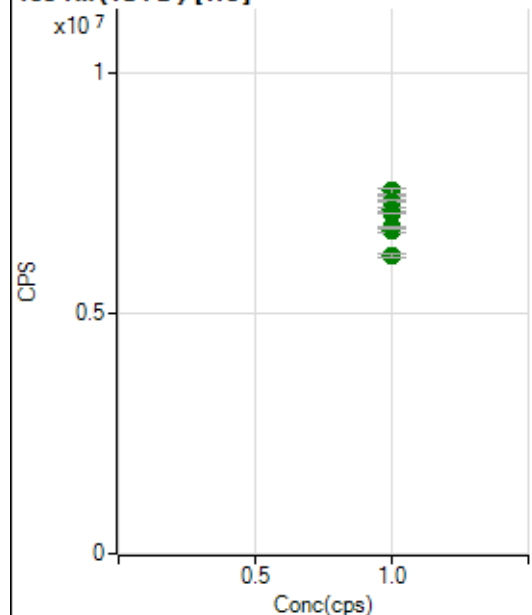
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24252669.64		A	0.3
2	☐	1.000		24069630.75		A	0.9
3	☐	1.000		24354030.19		A	0.8
4	☐	1.000		23639921.31		A	1.0
5	☐	1.000		23650153.26		A	0.3
6	☐	1.000		23586510.48		A	1.1
7	☐	1.000		23486535.48		A	1.0
8	☐	1.000		22755727.72		A	1.0

89 Y(ISTD) [He]

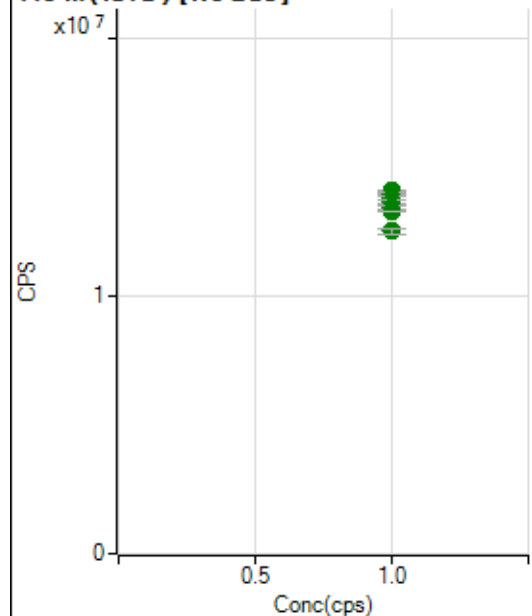
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5819216.09		A	0.5
2	☐	1.000		5815591.72		A	1.4
3	☐	1.000		5698679.22		A	1.7
4	☐	1.000		5574599.29		A	0.7
5	☐	1.000		5572067.00		A	0.4
6	☐	1.000		5370373.25		A	2.0
7	☐	1.000		5585896.52		A	0.9
8	☐	1.000		5560938.18		A	0.3

103 Rh(ISTD) [No Gas]

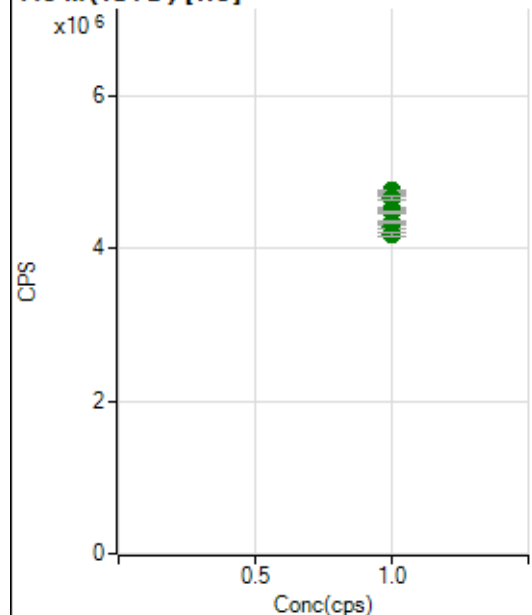
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13210437.30		A	0.5
2	☐	1.000		13013424.67		A	1.8
3	☐	1.000		12970024.11		A	1.0
4	☐	1.000		12688005.92		A	1.0
5	☐	1.000		12312753.43		A	2.0
6	☐	1.000		12034945.66		A	0.6
7	☐	1.000		11797860.10		A	1.1
8	☐	1.000		10756044.01		A	0.8

103 Rh (ISTD) [He]

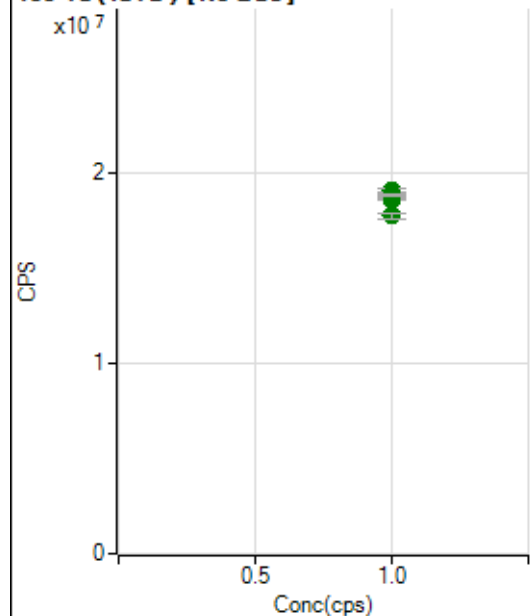
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7461982.04		A	0.5
2	☐	1.000		7542016.41		A	1.3
3	☐	1.000		7322645.51		A	0.4
4	☐	1.000		7145891.28		A	0.9
5	☐	1.000		7074956.84		A	0.2
6	☐	1.000		6712898.23		A	1.4
7	☐	1.000		6786014.13		A	0.5
8	☐	1.000		6191203.52		A	0.9

115 In (ISTD) [No Gas]

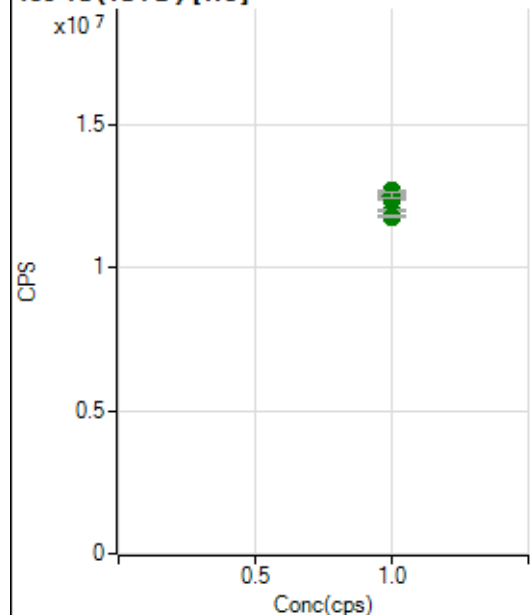
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14070709.24		A	1.2
2	☐	1.000		14102860.07		A	0.5
3	☐	1.000		14003235.52		A	1.0
4	☐	1.000		13820109.57		A	0.8
5	☐	1.000		13665499.15		A	1.1
6	☐	1.000		13456985.43		A	0.7
7	☐	1.000		13305961.36		A	0.3
8	☐	1.000		12530631.61		A	1.5

115 In (ISTD) [He]

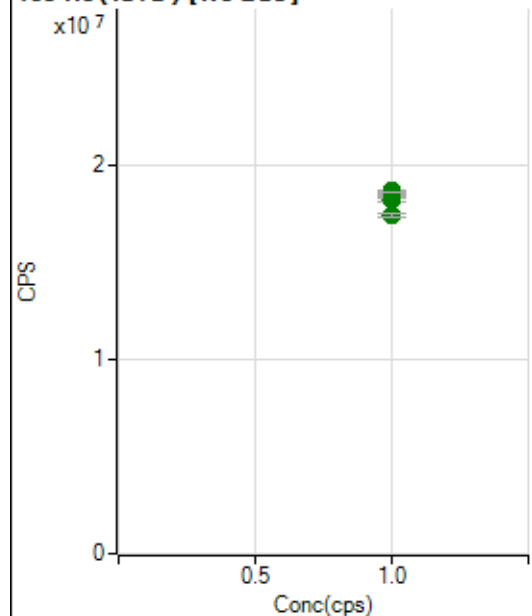
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4715597.81		A	0.5
2	☐	1.000		4751861.66		A	0.6
3	☐	1.000		4659466.55		A	0.8
4	☐	1.000		4516717.80		A	0.6
5	☐	1.000		4475288.96		A	0.6
6	☐	1.000		4283983.90		A	1.1
7	☐	1.000		4344104.24		A	0.6
8	☐	1.000		4180831.70		A	0.7

159 Tb (ISTD) [No Gas]

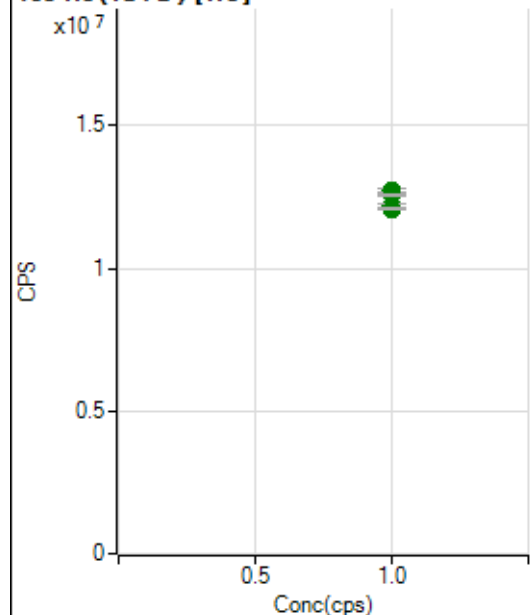
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18773087.64		A	0.9
2	☐	1.000		18645485.42		A	0.7
3	☐	1.000		19087345.82		A	1.0
4	☐	1.000		18901604.03		A	1.3
5	☐	1.000		18916913.33		A	0.9
6	☐	1.000		18883102.22		A	0.3
7	☐	1.000		18859624.86		A	0.4
8	☐	1.000		17764036.96		A	1.4

159 Tb (ISTD) [He]

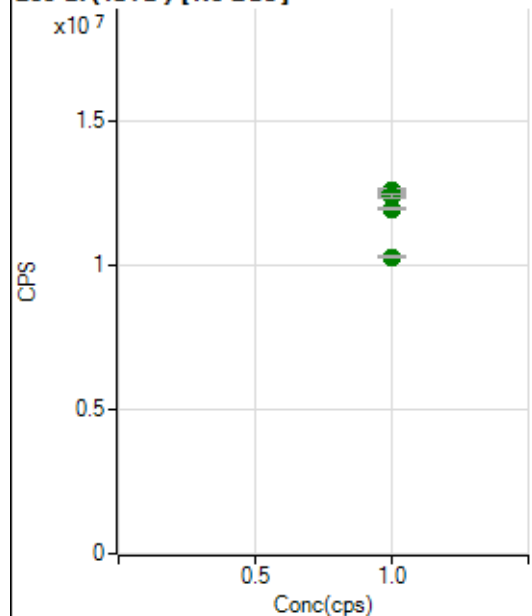
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12471551.62		A	0.8
2	☐	1.000		12584501.62		A	1.0
3	☐	1.000		12685046.20		A	0.7
4	☐	1.000		12355046.76		A	0.0
5	☐	1.000		12516716.76		A	0.4
6	☐	1.000		11996693.99		A	0.7
7	☐	1.000		12512979.95		A	1.7
8	☐	1.000		11784451.21		A	0.7

165 Ho (ISTD) [No Gas]

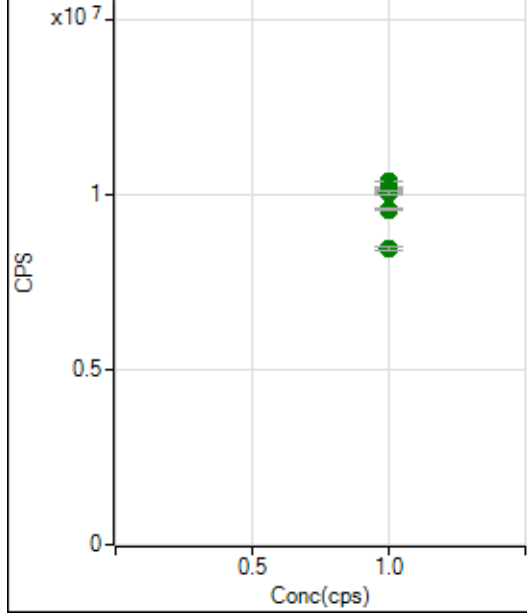
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18246334.45		A	1.1
2	☐	1.000		18309496.25		A	0.3
3	☐	1.000		18577541.53		A	0.3
4	☐	1.000		18438781.67		A	1.0
5	☐	1.000		18668078.05		A	0.4
6	☐	1.000		18465400.14		A	0.3
7	☐	1.000		18609649.73		A	0.2
8	☐	1.000		17449691.83		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12711691.06		A	1.9
2	☐	1.000		12665120.23		A	0.3
3	☐	1.000		12633221.48		A	0.9
4	☐	1.000		12605993.42		A	1.1
5	☐	1.000		12642848.28		A	0.7
6	☐	1.000		12176319.54		A	1.4
7	☐	1.000		12588385.23		A	0.4
8	☐	1.000		12090465.93		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12445194.26		A	1.0
2	☐	1.000		12375258.98		A	0.4
3	☐	1.000		12563857.31		A	0.5
4	☐	1.000		12370985.51		A	0.6
5	☐	1.000		12502212.32		A	2.1
6	☐	1.000		12397846.90		A	0.8
7	☐	1.000		11948786.35		A	0.5
8	☐	1.000		10276819.78		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10211518.60		A	0.2
2	☐	1.000		10365638.25		A	0.2
3	☐	1.000		10185059.64		A	0.7
4	☐	1.000		10114409.85		A	0.7
5	☐	1.000		10054159.16		A	0.8
6	☐	1.000		9586388.68		A	0.6
7	☐	1.000		9586201.31		A	0.7
8	☐	1.000		8458981.68		A	1.2