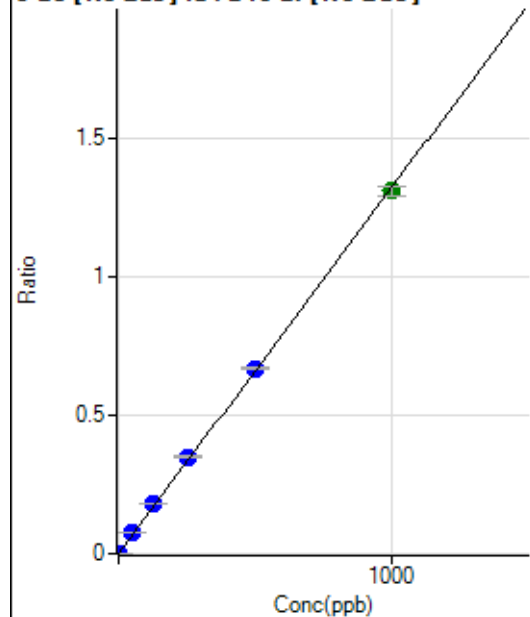


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102424-MS4.b\
Analysis File: P7102424-MS4.batch.bin
DA Date-Time: 2024-10-25 02:08:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-24 12:20:50
2	005CALS.d	S02	2024-10-24 12:24:07
3	006CALS.d	S03	2024-10-24 12:27:25
4	007CALS.d	S04	2024-10-24 12:30:25
5	008CALS.d	S05	2024-10-24 12:33:18
6	009CALS.d	S06	2024-10-24 12:36:03
7	010CALS.d	S07	2024-10-24 12:38:50
8	011CALS.d	S08	2024-10-24 12:41:36

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.38	0.0000	P	51.6
2	☐	1.000	1.060	2375.11	0.0014	P	4.0
3	☐	50.000	56.377	127093.18	0.0744	P	1.5
4	☐	125.000	135.222	309468.82	0.1784	P	0.8
5	☐	250.000	264.391	611488.21	0.3487	P	1.1
6	☐	500.000	506.152	1187428.29	0.6676	P	0.9
7	☐	1000.000	991.730	2285124.15	1.3080	A	2.4
8	☐			325.22	0.0002	P	39.8

$$y = 0.0013 * x + 1.9748E-005$$

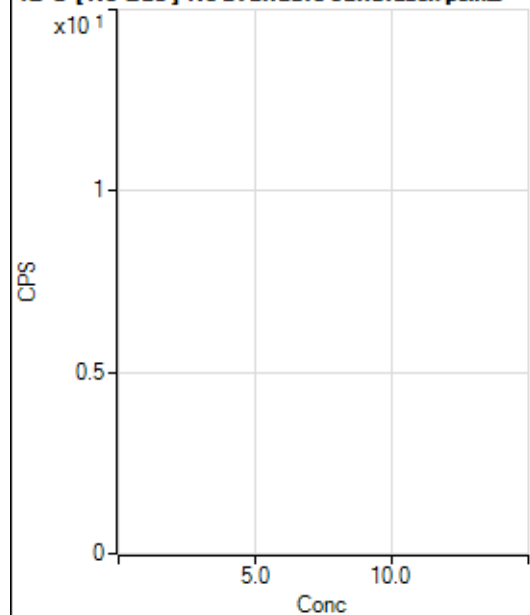
$$R = 0.9998$$

$$DL = 0.02316$$

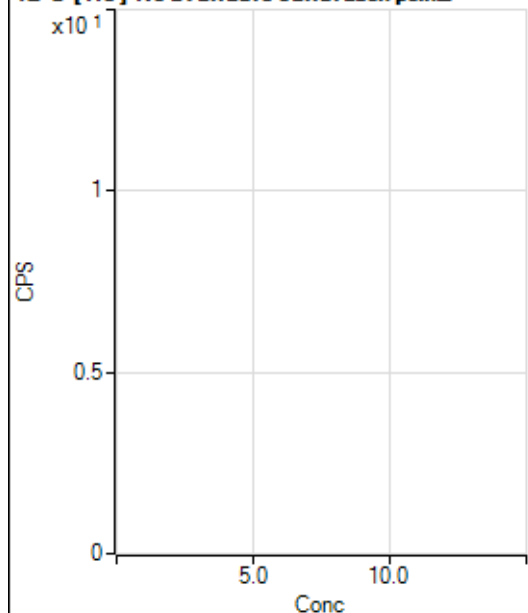
$$BEC = 0.01497$$

Weight: <None>

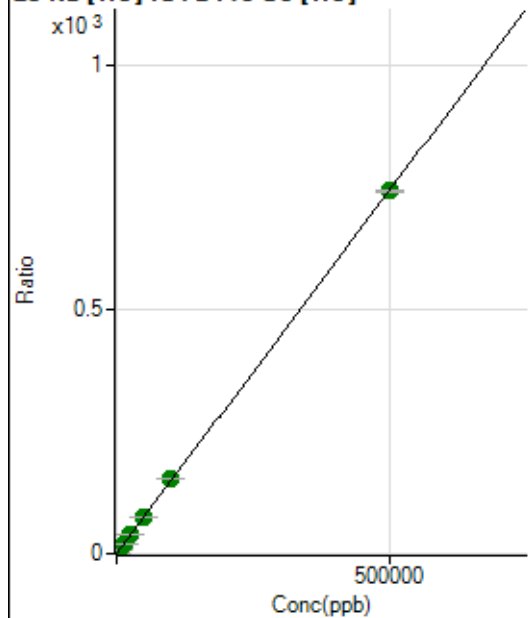
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46985.86	0.0702	P	0.1
2	☐	500.000	506.553	551014.09	0.8222	P	0.9
3	☐	5000.000	5270.588	5252302.35	7.8944	A	0.8
4	☐	12500.000	13189.611	12361017.18	19.6503	A	0.6
5	☐	25000.000	25855.171	24225686.03	38.4524	A	0.3
6	☐	50000.000	50621.145	47294169.85	75.2176	A	0.5
7	☐	100000.00	102733.77	96532229.67	152.5792	A	0.8
8	☐	500000.00	499328.42	469691059.67	741.3269	A	0.8

$$y = 0.0015 * x + 0.0702$$

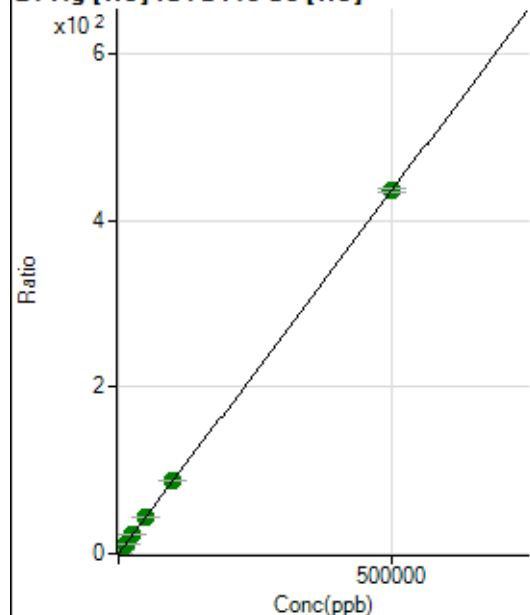
$$R = 1.0000$$

$$DL = 0.2006$$

$$BEC = 47.28$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1486.75	0.0022	P	5.1
2	☐	500.000	533.173	313118.86	0.4672	P	0.2
3	☐	5000.000	5175.588	3004484.78	4.5158	A	0.9
4	☐	12500.000	12965.428	7114176.56	11.3092	A	0.3
5	☐	25000.000	25251.041	13875089.52	22.0232	A	0.2
6	☐	50000.000	49586.204	27191512.93	43.2456	A	0.1
7	☐	100000.00	100058.31	55211368.62	87.2615	A	1.2
8	☐	500000.00	500003.74	276268644.77	436.0474	A	1.1

$$y = 8.7208\text{E-}004 * x + 0.0022$$

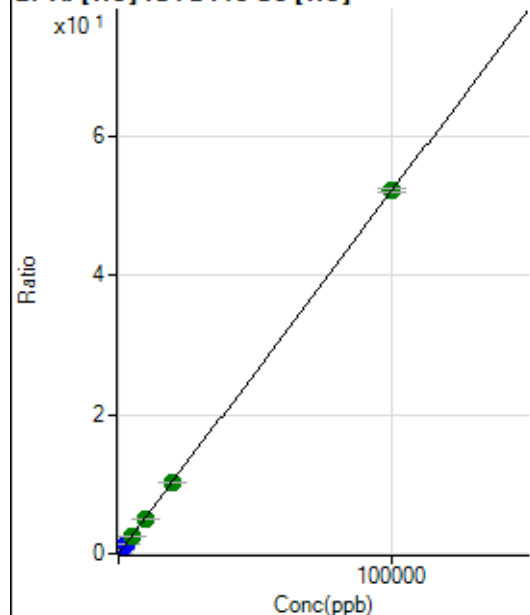
$$R = 1.0000$$

$$DL = 0.3895$$

$$BEC = 2.547$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	572.24	0.0009	P	3.0
2	☐	20.000	21.214	7979.91	0.0119	P	2.1
3	☐	1000.000	1110.459	385436.05	0.5794	P	0.5
4	☐	2500.000	2617.478	858339.61	1.3645	P	0.4
5	☐	5000.000	4947.293	1624362.72	2.5783	A	0.5
6	☐	10000.000	9737.590	3190275.20	5.0739	A	0.6
7	☐	20000.000	19607.172	6463211.78	10.2157	A	0.5
8	☐	100000.00	100103.40	33042578.95	52.1520	A	1.0

$$y = 5.2097\text{E-}004 * x + 8.5489\text{E-}004$$

$$R = 1.0000$$

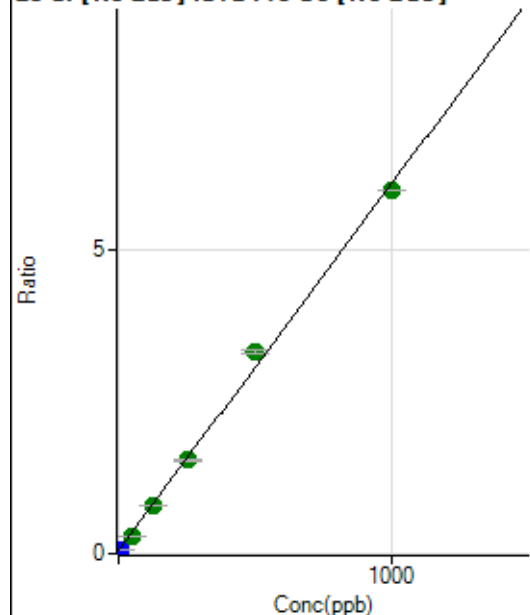
$$DL = 0.1463$$

$$BEC = 1.641$$

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	374543.75	0.0525	P	0.4
2	☐	10.000	0.883	414276.99	0.0578	P	0.6
3	☐	50.000	38.884	2092808.44	0.2872	A	0.2
4	☐	125.000	121.186	5393913.77	0.7840	A	0.8
5	☐	250.000	248.095	10453567.76	1.5500	A	2.0
6	☐	500.000	541.593	22649912.44	3.3216	A	1.4
7	☐	1000.000	980.803	41262236.05	5.9727	A	0.1
8	☐			428611.54	0.0637	P	1.6

$$y = 0.0060 * x + 0.0525$$

$$R = 0.9985$$

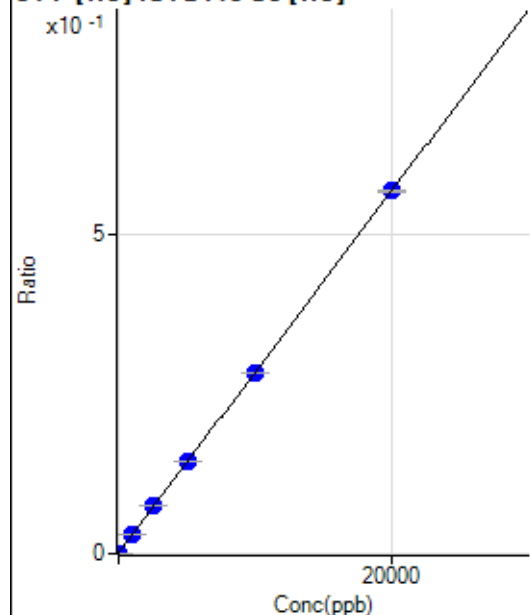
$$DL = 0.09237$$

$$BEC = 8.698$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.617	232.22	0.0003	P	2.4
2	☐	0.000	13.617	748.91	0.0011	P	7.6
3	☐	1000.000	1053.954	20321.32	0.0305	P	1.0
4	☐	2500.000	2612.295	46948.43	0.0746	P	1.1
5	☐	5000.000	5042.103	90323.11	0.1434	P	0.6
6	☐	10000.000	9931.302	177111.93	0.2817	P	0.2
7	☐	20000.000	20007.089	358544.39	0.5667	P	0.4
8	☐			308.90	0.0005	P	2.0

$$y = 2.8289E-005 * x + 7.3214E-004$$

$$R = 1.0000$$

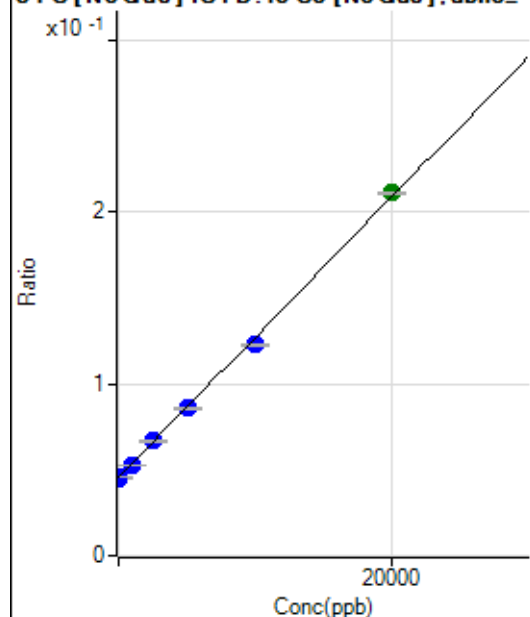
$$DL = 4.973$$

$$BEC = 25.88$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-58.754	321156.01	0.0450	P	0.6
2	☐	0.000	58.754	329352.10	0.0460	P	0.4
3	☐	1000.000	877.096	383616.10	0.0526	P	0.4
4	☐	2500.000	2584.557	457953.04	0.0666	P	0.7
5	☐	5000.000	4914.743	577047.59	0.0856	P	0.6
6	☐	10000.000	9469.642	836569.45	0.1227	P	0.6
7	☐	20000.000	20282.069	1456304.88	0.2108	A	0.7
8	☐			246030.06	0.0366	P	1.1

$$y = 8.1502E-006 * x + 0.0455$$

$$R = 0.9994$$

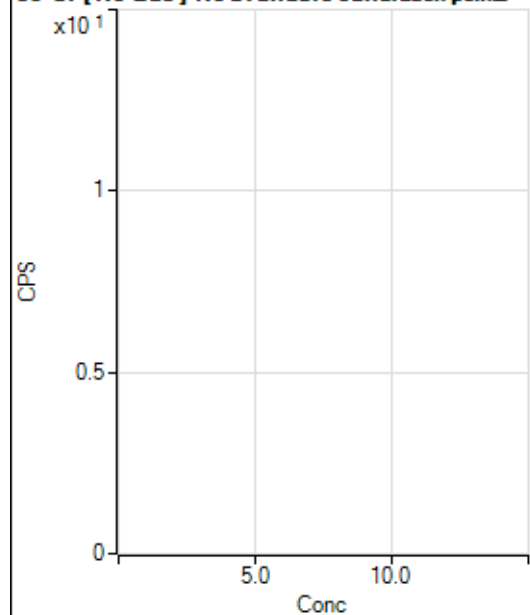
$$DL = 76.74$$

$$BEC = 5583$$

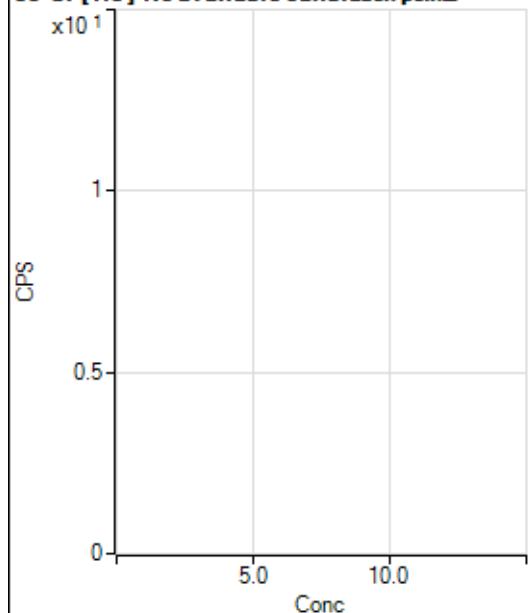
Weight: <None>

Min Conc: 0

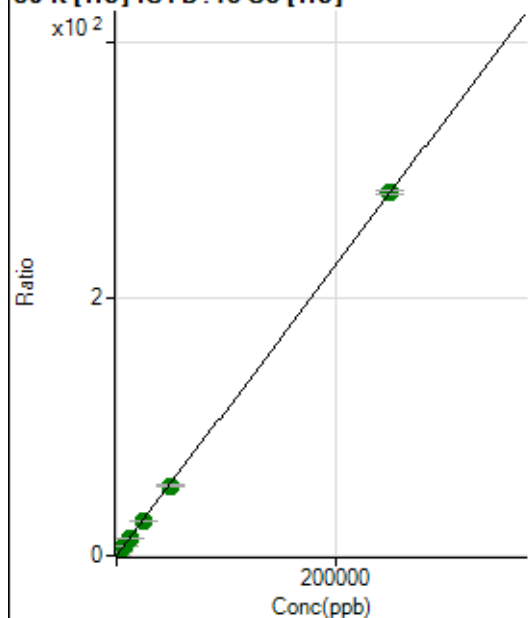
35 Cl [No Gas] No available calibration points



	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	93671.42	0.1399	P	0.5
2	☐	500.000	500.262	471859.22	0.7040	P	0.2
3	☐	2500.000	2527.523	1989102.35	2.9901	A	1.1
4	☐	6250.000	6261.560	4529791.08	7.2008	A	0.4
5	☐	12500.000	12212.273	8764321.75	13.9112	A	0.7
6	☐	25000.000	23941.294	17063618.08	27.1375	A	0.6
7	☐	50000.000	48337.591	34575503.10	54.6481	A	0.4
8	☐	250000.00	250452.17	179027090.66	282.5638	A	0.9

$$y = 0.0011 * x + 0.1399$$

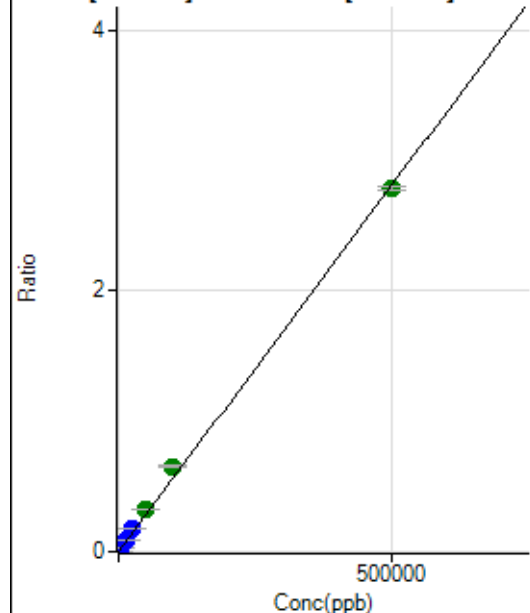
$$R = 1.0000$$

$$DL = 1.837$$

$$BEC = 124.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	708.92	0.0001	P	3.3
2	☐	500.000	499.606	20792.12	0.0029	P	1.2
3	☐	5000.000	6254.044	256411.47	0.0352	P	0.6
4	☐	12500.000	15626.739	603937.16	0.0878	P	0.8
5	☐	25000.000	30858.908	1168459.07	0.1732	P	1.3
6	☐	50000.000	57905.298	2216289.03	0.3250	A	0.4
7	☐	100000.00	116497.47	4516633.86	0.6538	A	1.2
8	☐	500000.00	495526.32	18714555.00	2.7805	A	1.0

$$y = 5.6110E-006 * x + 9.9377E-005$$

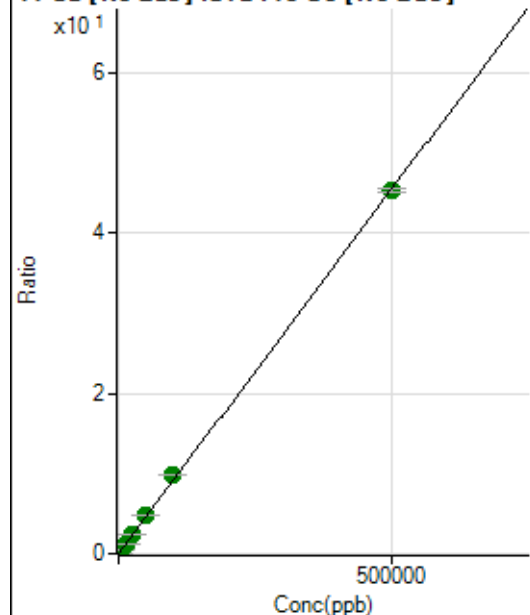
$$R = 0.9994$$

$$DL = 1.74$$

$$BEC = 17.71$$

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	31740.13	0.0044	P	0.2
2	☐	500.000	507.961	362601.78	0.0506	P	1.4
3	☐	5000.000	5549.579	3707986.47	0.5089	A	1.2
4	☐	12500.000	13798.624	8659627.51	1.2587	A	0.7
5	☐	25000.000	27322.004	16778624.47	2.4879	A	1.6
6	☐	50000.000	53092.550	32938018.12	4.8303	A	0.8
7	☐	100000.00	107954.25	67819713.43	9.8169	A	0.4
8	☐	500000.00	497945.82	304655833.24	45.2648	A	1.1

$$y = 9.0894E-005 * x + 0.0044$$

$$R = 0.9999$$

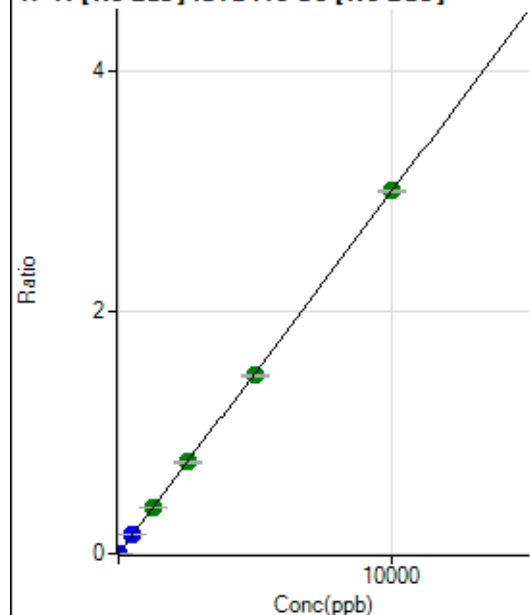
$$DL = 0.3416$$

$$BEC = 48.95$$

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	305.56	0.0000	P	16.4
2	☐	5.000	4.437	9831.04	0.0014	P	2.7
3	☐	500.000	521.020	1138026.95	0.1562	P	0.5
4	☐	1250.000	1271.594	2622175.65	0.3811	A	1.3
5	☐	2500.000	2527.126	5108012.63	0.7574	A	1.7
6	☐	5000.000	4934.020	10083327.77	1.4787	A	1.2
7	☐	10000.000	10022.458	20750674.55	3.0037	A	0.2
8	☐			2535.86	0.0004	P	8.5

$$y = 2.9969E-004 * x + 4.2829E-005$$

$$R = 1.0000$$

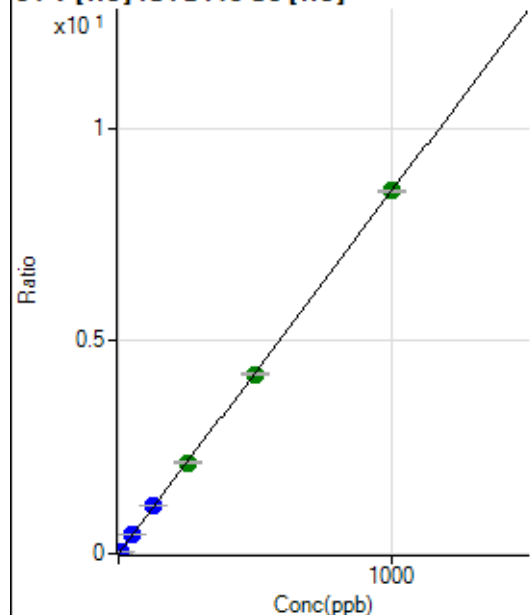
$$DL = 0.07044$$

$$BEC = 0.1429$$

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	37.78	0.0001	P	21.6
2	☐	5.000	4.906	28041.68	0.0418	P	2.1
3	☐	50.000	52.638	298292.01	0.4484	P	0.5
4	☐	125.000	131.486	704516.21	1.1200	P	0.4
5	☐	250.000	251.061	1347240.42	2.1384	A	1.1
6	☐	500.000	495.820	2655411.23	4.2231	A	0.6
7	☐	1000.000	1000.883	5393528.05	8.5249	A	0.3
8	☐			1205.62	0.0019	P	5.9

$$y = 0.0085 * x + 5.6380E-005$$

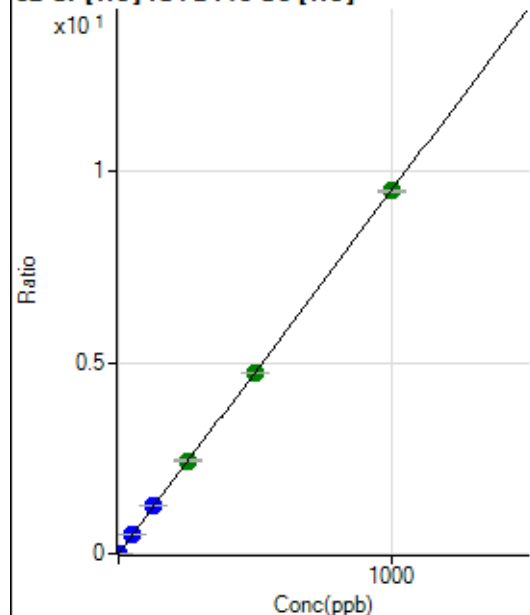
$$R = 1.0000$$

$$DL = 0.004289$$

$$BEC = 0.00662$$

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	1501.21	0.0022	P	7.7
2	☐	2.000	2.015	14348.05	0.0214	P	1.1
3	☐	50.000	53.290	338711.97	0.5091	P	0.2
4	☐	125.000	132.993	797161.33	1.2672	P	0.3
5	☐	250.000	255.775	1534179.44	2.4351	A	0.8
6	☐	500.000	497.447	2976484.30	4.7338	A	0.2
7	☐	1000.000	998.669	6011297.69	9.5013	A	0.6
8	☐			20117.91	0.0318	P	0.3

$$y = 0.0095 * x + 0.0022$$

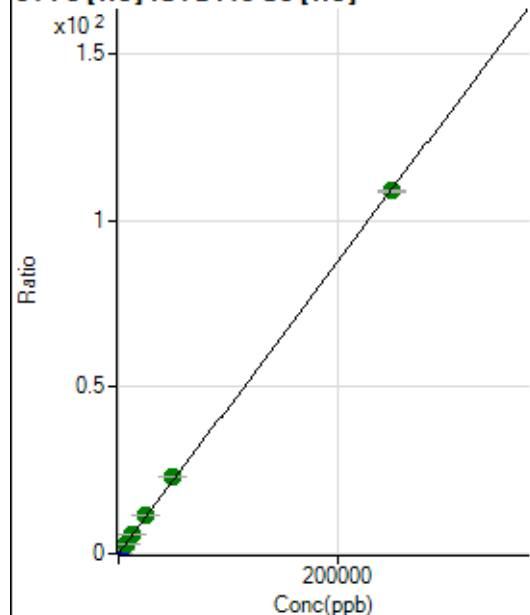
$$R = 1.0000$$

$$DL = 0.05466$$

$$BEC = 0.2357$$

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	3134.81	0.0047	P	3.2
2	☐	50.000	54.188	18983.19	0.0283	P	0.7
3	☐	2500.000	2884.254	840268.66	1.2631	P	0.6
4	☐	6250.000	6905.240	1898179.92	3.0174	A	0.8
5	☐	12500.000	13453.758	3701033.80	5.8745	A	0.1
6	☐	25000.000	26364.082	7235535.93	11.5072	A	0.5
7	☐	50000.000	52562.486	14511984.64	22.9374	A	1.1
8	☐	250000.00	249283.18	68913223.97	108.7655	A	0.4

$$y = 4.3629E-004 * x + 0.0047$$

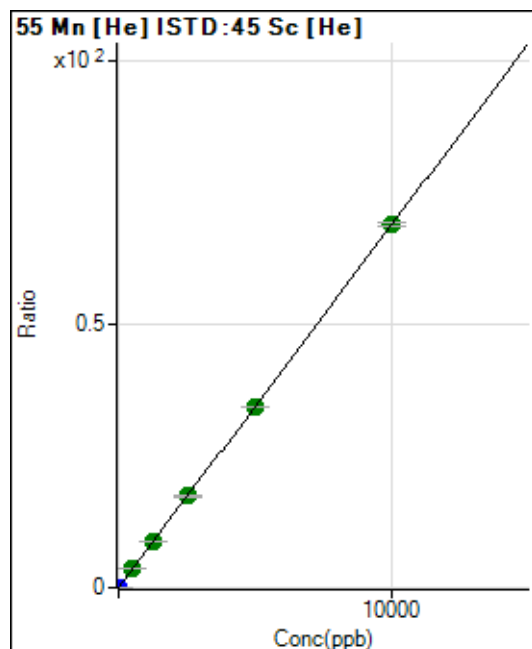
$$R = 0.9999$$

$$DL = 1.019$$

$$BEC = 10.73$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	678.91	0.0010	P	7.9
2	☐	1.000	1.003	5302.11	0.0079	P	1.7
3	☐	500.000	519.920	2380176.86	3.5778	A	0.6
4	☐	1250.000	1294.965	5604871.72	8.9097	A	0.5
5	☐	2500.000	2522.832	10935222.48	17.3569	A	0.6
6	☐	5000.000	4968.842	21493920.52	34.1842	A	0.3
7	☐	10000.000	10003.254	43540372.68	68.8185	A	0.9
8	☐			21568.89	0.0340	P	0.8

$$y = 0.0069 * x + 0.0010$$

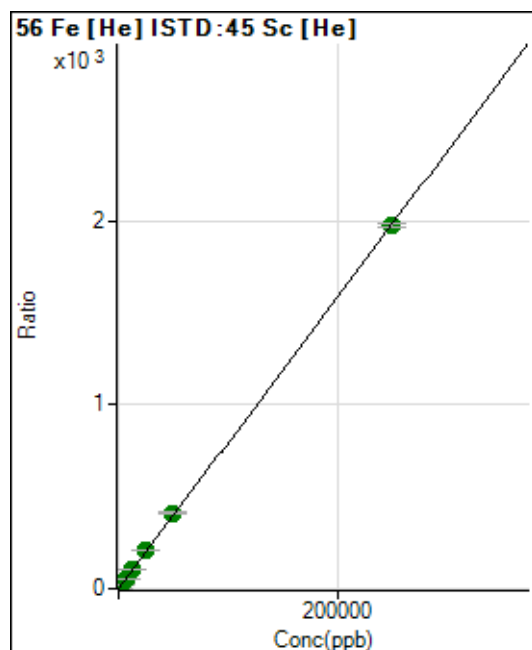
$$R = 1.0000$$

$$DL = 0.03474$$

$$BEC = 0.1474$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26239.64	0.0392	P	1.2
2	☐	50.000	52.904	306862.58	0.4579	P	0.5
3	☐	2500.000	2692.385	14200704.79	21.3455	A	0.2
4	☐	6250.000	6758.191	33667432.28	53.5205	A	0.2
5	☐	12500.000	13229.691	65984527.35	104.7330	A	0.7
6	☐	25000.000	25949.824	129144460.30	205.3944	A	0.6
7	☐	50000.000	52155.912	261149805.00	412.7775	A	0.9
8	☐	250000.00	249422.72	1250593448.0	1,973.858	A	1.0

$$y = 0.0079 * x + 0.0392$$

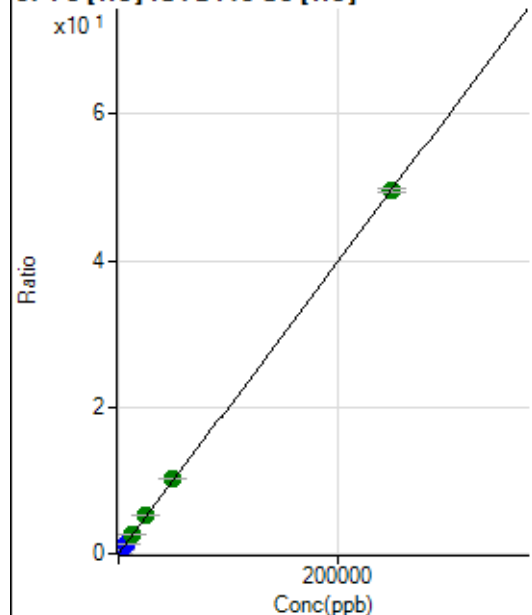
$$R = 1.0000$$

$$DL = 0.1801$$

$$BEC = 4.953$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2678.05	0.0040	P	3.9
2	☐	50.000	54.176	9888.89	0.0148	P	2.6
3	☐	2500.000	2825.737	375843.11	0.5650	P	0.7
4	☐	6250.000	7060.910	884276.14	1.4057	P	0.4
5	☐	12500.000	13214.283	1655251.57	2.6273	A	0.3
6	☐	25000.000	26006.944	3248717.45	5.1669	A	0.7
7	☐	50000.000	51889.857	6519587.40	10.3051	A	1.1
8	☐	250000.00	249462.08	31379129.81	49.5270	A	1.0

$$y = 1.9852\text{E-}004 * x + 0.0040$$

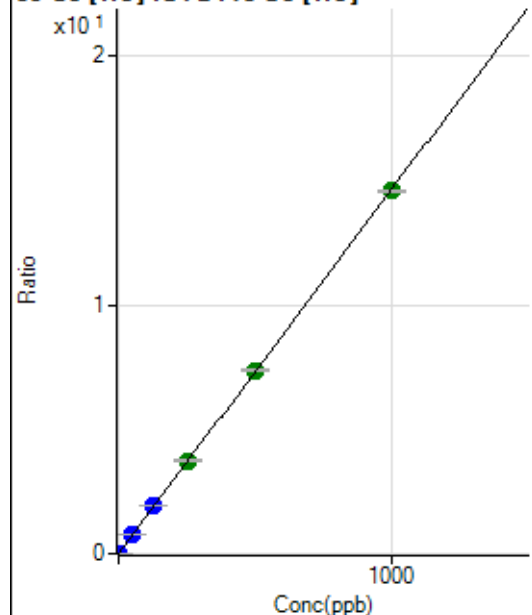
$$R = 1.0000$$

$$DL = 2.355$$

$$BEC = 20.15$$

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	157.78	0.0002	P	4.8
2	☐	1.000	1.028	10248.03	0.0153	P	1.3
3	☐	50.000	52.464	511423.95	0.7687	P	0.3
4	☐	125.000	131.521	1212066.28	1.9268	P	0.5
5	☐	250.000	254.861	2352165.75	3.7336	A	1.1
6	☐	500.000	503.289	4635517.99	7.3726	A	1.2
7	☐	1000.000	996.202	9232572.92	14.5931	A	0.7
8	☐			24108.33	0.0380	P	0.8

$$y = 0.0146 * x + 2.3564\text{E-}004$$

$$R = 1.0000$$

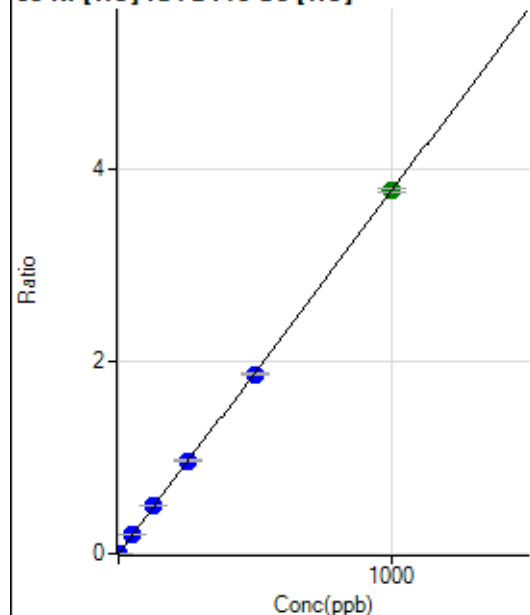
$$DL = 0.002314$$

$$BEC = 0.01609$$

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	285.56	0.0004	P	11.1
2	☐	1.000	1.031	2885.86	0.0043	P	1.9
3	☐	50.000	52.796	132504.53	0.1992	P	0.5
4	☐	125.000	130.926	310308.27	0.4933	P	0.6
5	☐	250.000	255.516	606275.70	0.9623	P	1.2
6	☐	500.000	495.095	1172142.02	1.8642	P	0.7
7	☐	1000.000	1000.193	2382470.51	3.7657	A	1.0
8	☐			9006.10	0.0142	P	2.9

$$y = 0.0038 * x + 4.2644E-004$$

$$R = 1.0000$$

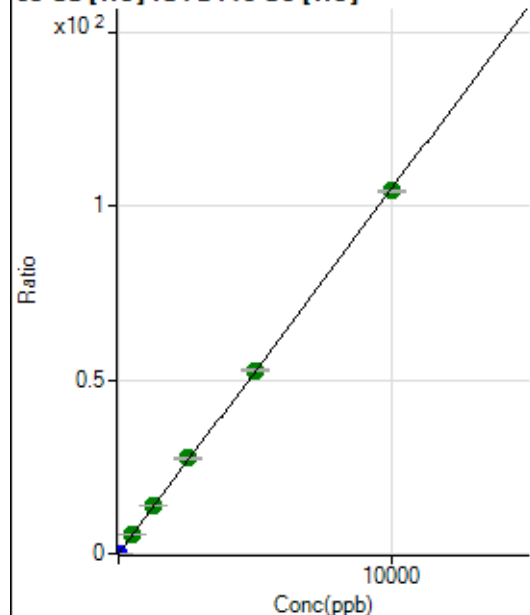
$$DL = 0.03779$$

$$BEC = 0.1133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2271.31	0.0034	P	3.8
2	☐	2.000	2.067	16790.62	0.0251	P	0.9
3	☐	500.000	531.740	3709447.55	5.5763	A	1.5
4	☐	1250.000	1318.880	8697642.51	13.8259	A	1.0
5	☐	2500.000	2609.582	17233154.61	27.3531	A	0.7
6	☐	5000.000	5033.367	33171450.62	52.7556	A	0.2
7	☐	10000.000	9945.724	65949404.02	104.2397	A	0.6
8	☐			14726.22	0.0232	P	0.5

$$y = 0.0105 * x + 0.0034$$

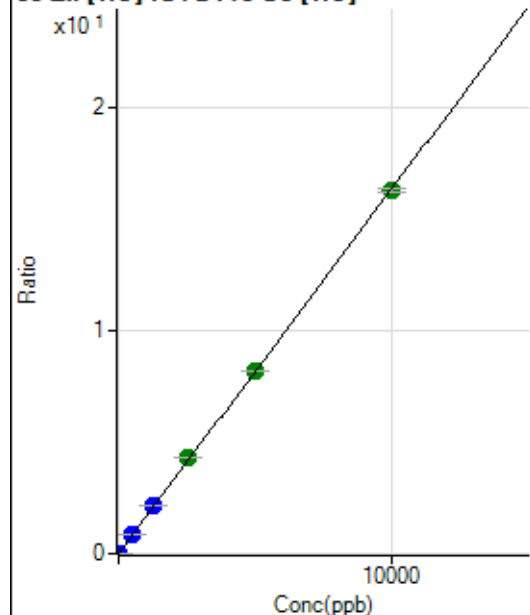
$$R = 0.9999$$

$$DL = 0.0365$$

$$BEC = 0.3237$$

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	1232.28	0.0018	P	4.5
2	☐	2.000	4.972	6673.77	0.0100	P	1.7
3	☐	500.000	531.909	578972.40	0.8703	P	0.3
4	☐	1250.000	1322.041	1358964.41	2.1603	P	0.2
5	☐	2500.000	2620.721	2696887.53	4.2806	A	0.1
6	☐	5000.000	5009.462	5143709.23	8.1807	A	0.8
7	☐	10000.000	9954.487	10283616.24	16.2544	A	0.9
8	☐			5115.37	0.0081	P	5.0

$$y = 0.0016 * x + 0.0018$$

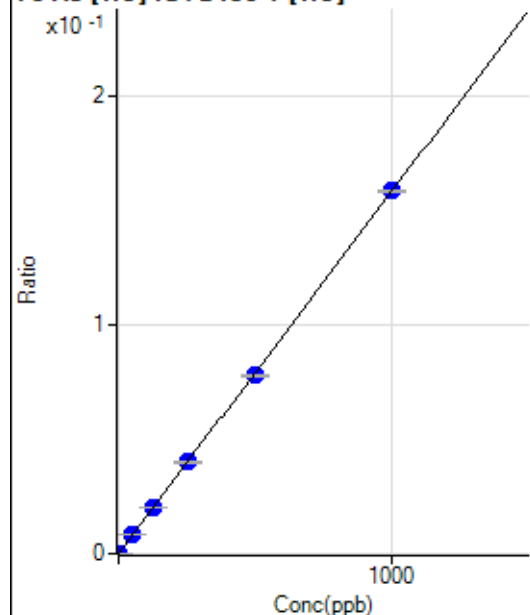
$$R = 0.9999$$

$$DL = 0.1518$$

$$BEC = 1.127$$

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	12.22	0.0000	P	15.8
2	☐	1.000	1.000	763.36	0.0002	P	9.5
3	☐	50.000	53.061	39911.35	0.0084	P	1.3
4	☐	125.000	128.374	94000.63	0.0203	P	0.5
5	☐	250.000	252.446	184860.86	0.0400	P	0.7
6	☐	500.000	493.230	361395.24	0.0781	P	0.9
7	☐	1000.000	1002.199	734112.62	0.1588	P	0.4
8	☐			415.56	0.0001	P	8.8

$$y = 1.5844E-004 * x + 2.5654E-006$$

$$R = 1.0000$$

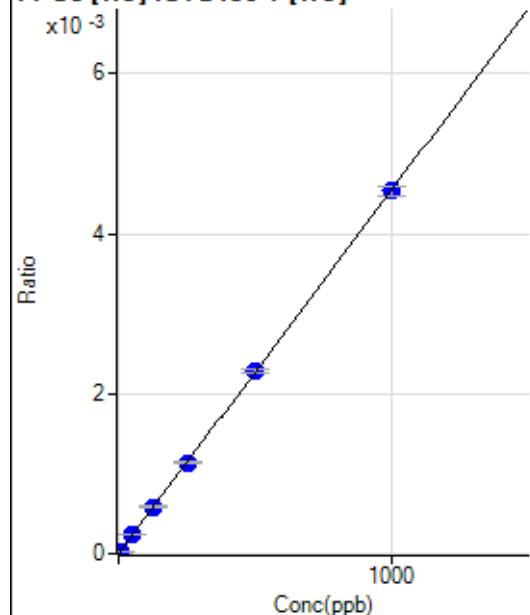
$$DL = 0.007681$$

$$BEC = 0.01619$$

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	5.56	0.0000	P	34.4
2	☐	5.000	4.912	111.11	0.0000	P	25.0
3	☐	50.000	53.427	1156.72	0.0002	P	4.8
4	☐	125.000	127.797	2686.93	0.0006	P	3.6
5	☐	250.000	250.433	5259.87	0.0011	P	2.5
6	☐	500.000	502.369	10552.72	0.0023	P	1.3
7	☐	1000.000	998.187	20958.27	0.0045	P	2.7
8	☐			7.78	0.0000	P	65.6

$$y = 4.5401\text{E-}006 * x + 1.1654\text{E-}006$$

$$R = 1.0000$$

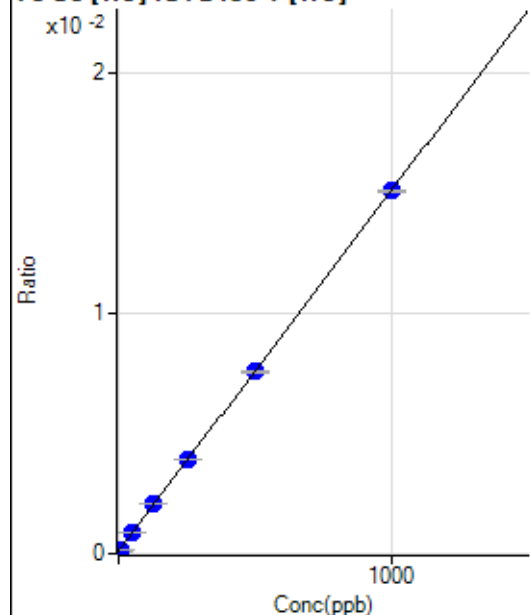
$$DL = 0.2651$$

$$BEC = 0.2567$$

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	464.46	0.0001	P	15.8
2	☐	5.000	4.293	767.81	0.0002	P	7.8
3	☐	50.000	53.964	4301.78	0.0009	P	1.5
4	☐	125.000	132.542	9630.98	0.0021	P	1.4
5	☐	250.000	253.944	18042.26	0.0039	P	0.9
6	☐	500.000	498.255	34991.22	0.0076	P	1.0
7	☐	1000.000	998.749	69660.49	0.0151	P	0.9
8	☐			442.23	0.0001	P	7.7

$$y = 1.4989\text{E-}005 * x + 9.7538\text{E-}005$$

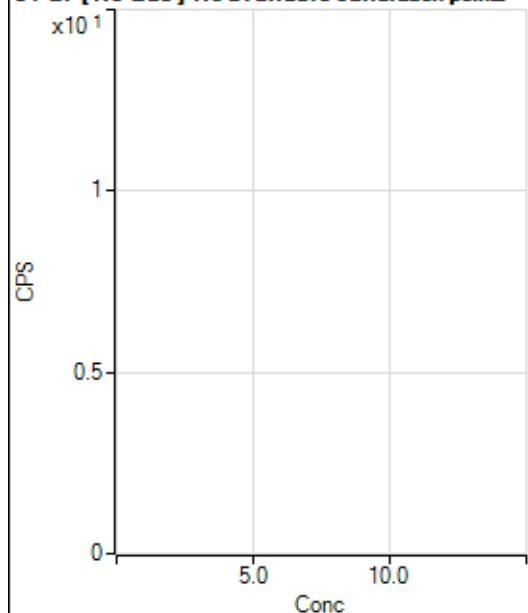
$$R = 1.0000$$

$$DL = 3.089$$

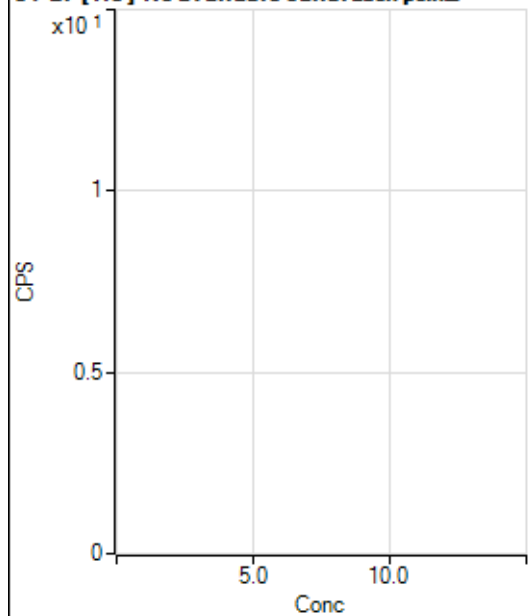
$$BEC = 6.507$$

Weight: <None>

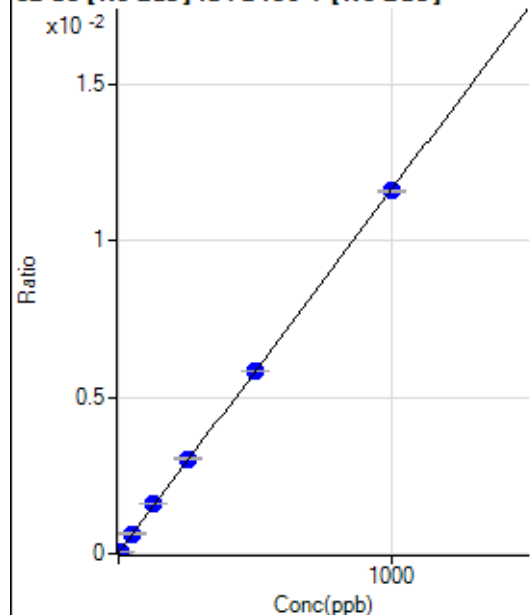
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11799.27		P	1.1
2	☐			11745.88		P	3.0
3	☐			10969.74		P	1.8
4	☐			11075.37		P	3.3
5	☐			10991.95		P	0.6
6	☐			11291.08		P	1.2
7	☐			11137.61		P	2.5
8	☐			11801.47		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.78		P	18.8
2	☐			127.78		P	22.2
3	☐			86.67		P	13.9
4	☐			114.45		P	14.9
5	☐			114.45		P	14.9
6	☐			120.00		P	12.7
7	☐			94.44		P	5.4
8	☐			151.11		P	6.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	507.35	0.0000	P	3.6
2	☐	5.000	5.242	1644.90	0.0001	P	4.0
3	☐	50.000	53.165	12352.67	0.0006	P	0.3
4	☐	125.000	132.911	28623.81	0.0016	P	0.3
5	☐	250.000	258.762	55316.87	0.0030	P	1.8
6	☐	500.000	500.409	107625.64	0.0058	P	0.4
7	☐	1000.000	996.457	215590.73	0.0116	P	0.6
8	☐			660.24	0.0000	P	5.3

$$y = 1.1609\text{E-}005 * x + 2.7127\text{E-}005$$

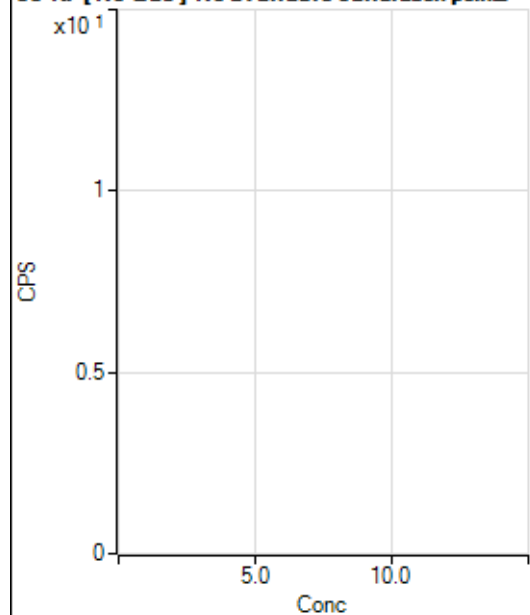
$$R = 0.9999$$

$$DL = 0.251$$

$$BEC = 2.337$$

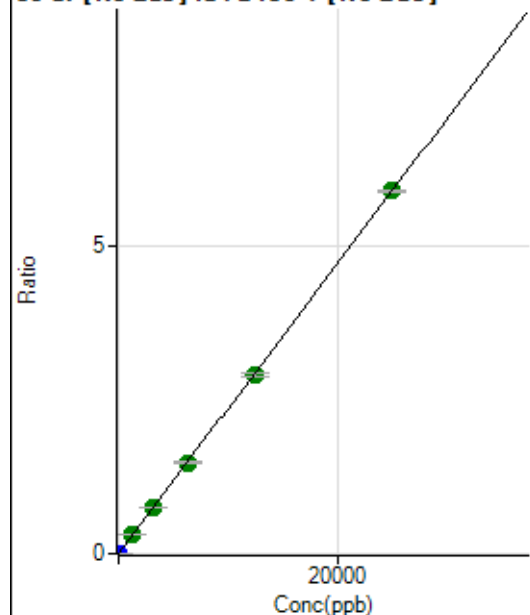
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			351.12		P	6.7
2	☐			317.78		P	0.6
3	☐			317.78		P	12.7
4	☐			305.56		P	3.3
5	☐			364.45		P	8.5
6	☐			324.45		P	7.8
7	☐			355.57		P	13.7
8	☐			356.67		P	4.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	773.36	0.0000	P	4.3
2	☐	1.000	0.963	5015.35	0.0003	P	2.4
3	☐	1250.000	1285.430	5810160.96	0.3031	A	0.6
4	☐	3125.000	3191.557	13716604.24	0.7524	A	0.6
5	☐	6250.000	6291.294	27066775.15	1.4831	A	1.4
6	☐	12500.000	12350.370	53687160.31	2.9114	A	1.2
7	☐	25000.000	25054.401	109815980.59	5.9061	A	0.6
8	☐			18344.89	0.0010	P	3.4

$$y = 2.3573\text{E-}004 * x + 4.1351\text{E-}005$$

$$R = 1.0000$$

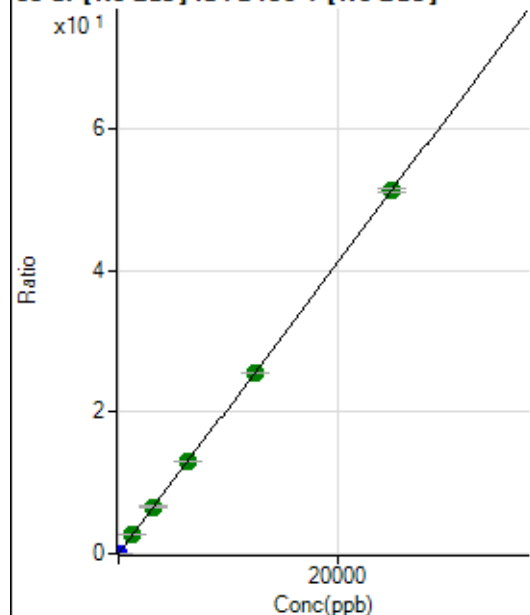
$$DL = 0.02257$$

$$BEC = 0.1754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2194.63	0.0001	P	5.9
2	☐	1.000	0.946	38442.38	0.0021	P	2.4
3	☐	1250.000	1289.451	50686827.58	2.6438	A	0.8
4	☐	3125.000	3236.771	120990011.53	6.6363	A	1.2
5	☐	6250.000	6357.667	237889689.79	13.0348	A	1.6
6	☐	12500.000	12423.877	469738428.56	25.4720	A	0.5
7	☐	25000.000	24995.201	952838483.58	51.2461	A	0.9
8	☐			155641.09	0.0088	P	4.6

$$y = 0.0021 * x + 1.1734\text{E-}004$$

$$R = 1.0000$$

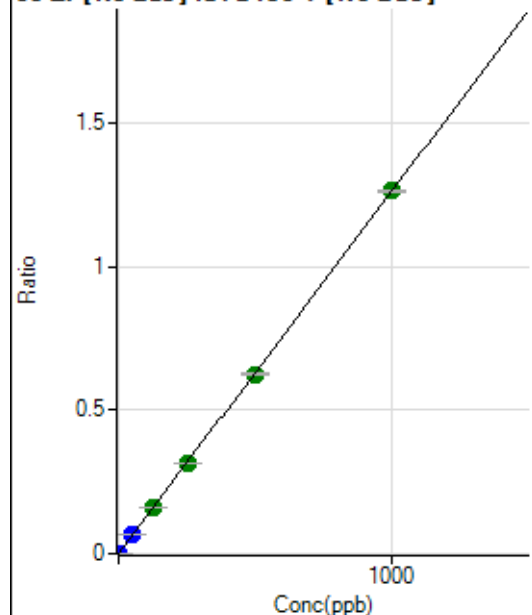
$$DL = 0.01017$$

$$BEC = 0.05723$$

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	927.82	0.0000	P	7.2
2	☐	1.000	0.943	23172.82	0.0012	P	1.4
3	☐	50.000	51.064	1236011.02	0.0645	P	0.4
4	☐	125.000	127.423	2931494.99	0.1608	A	0.5
5	☐	250.000	250.420	5766424.64	0.3160	A	0.9
6	☐	500.000	495.098	11519039.13	0.6246	A	1.4
7	☐	1000.000	1001.990	23503778.26	1.2641	A	0.8
8	☐			13717.63	0.0008	P	1.8

$$y = 0.0013 * x + 4.9612E-005$$

$$R = 1.0000$$

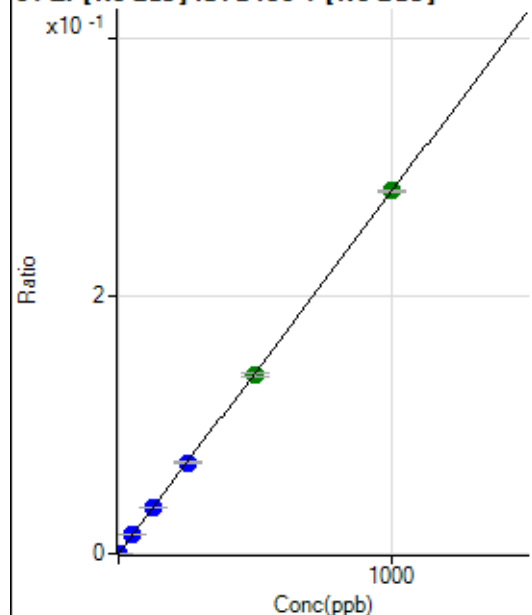
$$DL = 0.008474$$

$$BEC = 0.03933$$

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	213.34	0.0000	P	16.2
2	☐	1.000	0.934	5124.27	0.0003	P	1.3
3	☐	50.000	51.053	275348.61	0.0144	P	0.4
4	☐	125.000	127.982	656056.06	0.0360	P	0.9
5	☐	250.000	251.941	1292640.87	0.0708	P	1.4
6	☐	500.000	494.577	2563854.79	0.1390	A	1.5
7	☐	1000.000	1001.801	5236049.57	0.2816	A	0.8
8	☐			3069.24	0.0002	P	1.4

$$y = 2.8108E-004 * x + 1.1409E-005$$

$$R = 1.0000$$

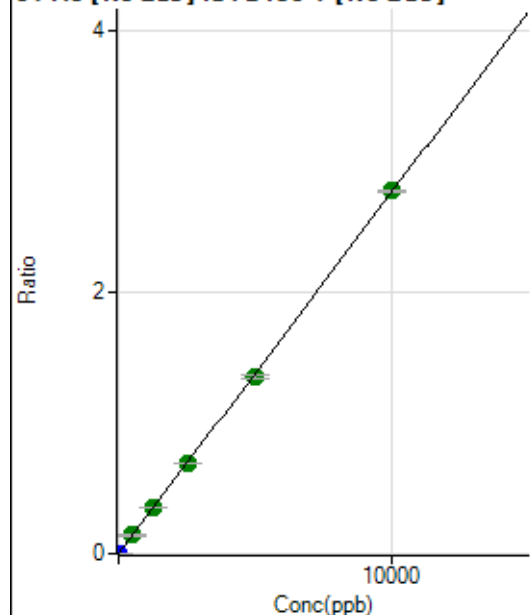
$$DL = 0.01967$$

$$BEC = 0.04059$$

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	492.23	0.0000	P	7.3
2	☐	5.000	5.172	27196.43	0.0015	P	1.6
3	☐	500.000	507.789	2688785.84	0.1402	A	0.9
4	☐	1250.000	1275.622	6422106.36	0.3523	A	1.1
5	☐	2500.000	2498.461	12591740.37	0.6899	A	1.7
6	☐	5000.000	4900.131	24953089.35	1.3531	A	1.5
7	☐	10000.000	10046.727	51583623.12	2.7743	A	0.3
8	☐			11650.28	0.0007	P	2.6

$$y = 2.7613\text{E-}004 * x + 2.6313\text{E-}005$$

$$R = 0.9999$$

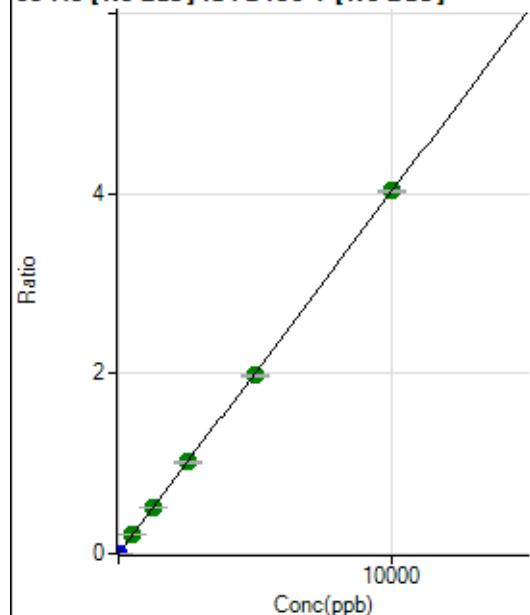
$$DL = 0.02077$$

$$BEC = 0.09529$$

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	302.23	0.0000	P	3.8
2	☐	5.000	4.289	32549.50	0.0017	P	1.2
3	☐	500.000	510.856	3939221.75	0.2055	A	1.1
4	☐	1250.000	1275.716	9353914.93	0.5131	A	0.9
5	☐	2500.000	2529.895	18569066.53	1.0175	A	1.6
6	☐	5000.000	4926.020	36534020.84	1.9811	A	0.5
7	☐	10000.000	10025.759	74969346.10	4.0321	A	0.5
8	☐			10778.53	0.0006	P	2.5

$$y = 4.0217\text{E-}004 * x + 1.6160\text{E-}005$$

$$R = 1.0000$$

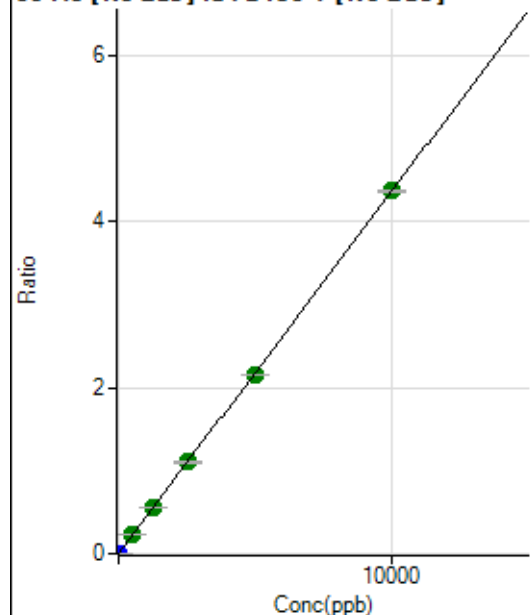
$$DL = 0.004546$$

$$BEC = 0.04018$$

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	398.90	0.0000	P	7.6
2	☐	5.000	4.383	36116.86	0.0019	P	1.6
3	☐	500.000	508.436	4249411.40	0.2217	A	1.5
4	☐	1250.000	1281.739	10186425.06	0.5587	A	0.2
5	☐	2500.000	2528.415	20115099.28	1.1022	A	1.4
6	☐	5000.000	4939.673	39708241.91	2.1532	A	0.7
7	☐	10000.000	10018.671	81202863.23	4.3672	A	0.6
8	☐			23471.19	0.0013	P	0.6

$$y = 4.3590\text{E-}004 * x + 2.1324\text{E-}005$$

$$R = 1.0000$$

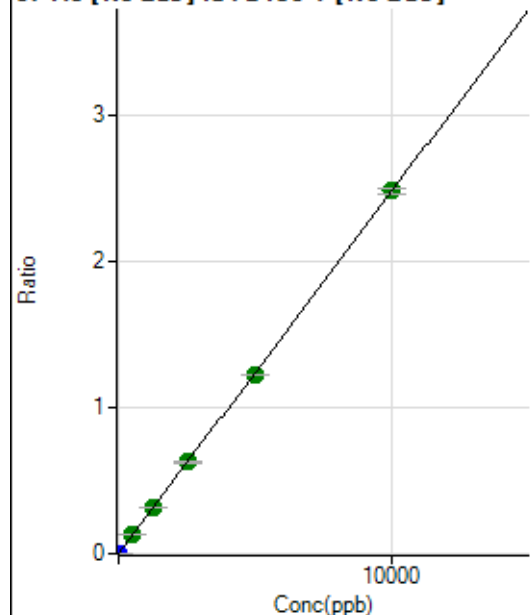
$$DL = 0.01111$$

$$BEC = 0.04892$$

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	184.45	0.0000	P	16.3
2	☐	5.000	4.314	20191.85	0.0011	P	1.1
3	☐	500.000	514.638	2447428.52	0.1277	A	0.8
4	☐	1250.000	1281.458	5794716.09	0.3178	A	0.5
5	☐	2500.000	2530.735	11455745.38	0.6277	A	1.3
6	☐	5000.000	4942.136	22605204.66	1.2258	A	0.6
7	☐	10000.000	10016.585	46193127.64	2.4844	A	1.5
8	☐			6906.16	0.0004	P	4.0

$$y = 2.4803\text{E-}004 * x + 9.8559\text{E-}006$$

$$R = 1.0000$$

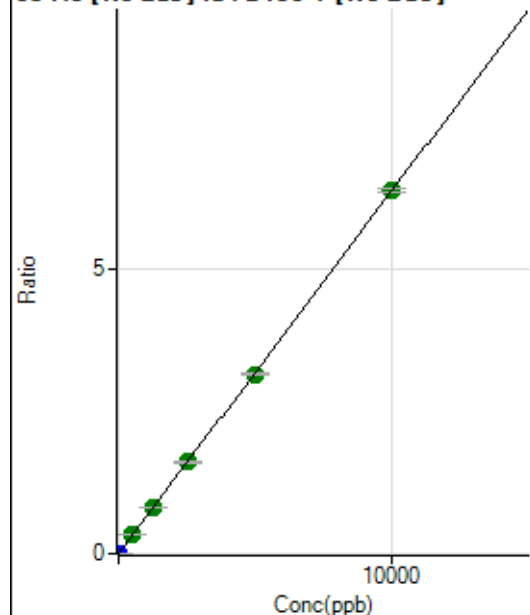
$$DL = 0.01942$$

$$BEC = 0.03974$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	403.34	0.0000	P	6.9
2	☐	5.000	4.304	51574.05	0.0028	P	1.9
3	☐	500.000	510.505	6224443.10	0.3246	A	0.5
4	☐	1250.000	1270.288	14727049.64	0.8078	A	0.7
5	☐	2500.000	2528.951	29350013.17	1.6082	A	1.0
6	☐	5000.000	4959.808	58161471.36	3.1539	A	0.6
7	☐	10000.000	10009.797	118351218.24	6.3652	A	0.9
8	☐			16800.89	0.0009	P	4.1

$$y = 6.3589E-004 * x + 2.1560E-005$$

$$R = 1.0000$$

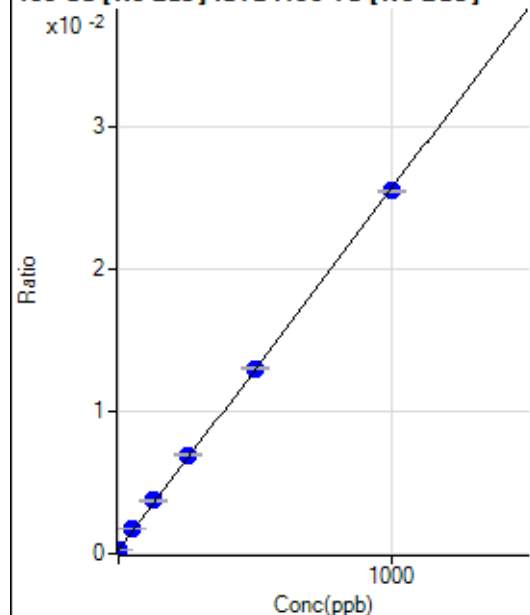
$$DL = 0.00701$$

$$BEC = 0.03391$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3413.78	0.0003	P	0.9
2	☐	1.000	1.468	3926.12	0.0003	P	4.1
3	☐	50.000	56.446	21870.98	0.0017	P	0.4
4	☐	125.000	135.944	46843.09	0.0037	P	3.0
5	☐	250.000	261.931	88378.82	0.0069	P	1.4
6	☐	500.000	502.747	169644.61	0.0130	P	1.4
7	☐	1000.000	993.953	336486.11	0.0255	P	0.8
8	☐			3636.05	0.0003	P	4.0

$$y = 2.5347E-005 * x + 2.8144E-004$$

$$R = 0.9999$$

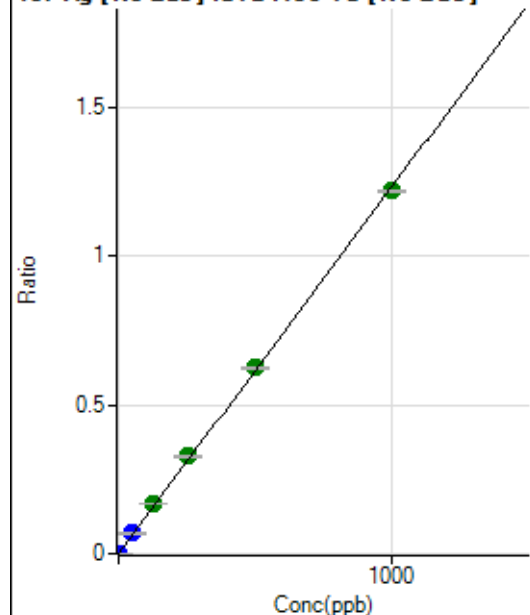
$$DL = 0.2852$$

$$BEC = 11.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	104.45	0.0000	P	13.0
2	☐	1.000	0.982	14997.86	0.0012	P	3.1
3	☐	50.000	55.397	871171.58	0.0682	P	1.4
4	☐	125.000	137.761	2131838.18	0.1696	A	1.2
5	☐	250.000	265.810	4178851.36	0.3272	A	1.5
6	☐	500.000	507.774	8142013.42	0.6251	A	0.8
7	☐	1000.000	990.295	16102270.73	1.2191	A	0.6
8	☐			2206.86	0.0002	P	9.0

$$y = 0.0012 * x + 8.6117E-006$$

$$R = 0.9998$$

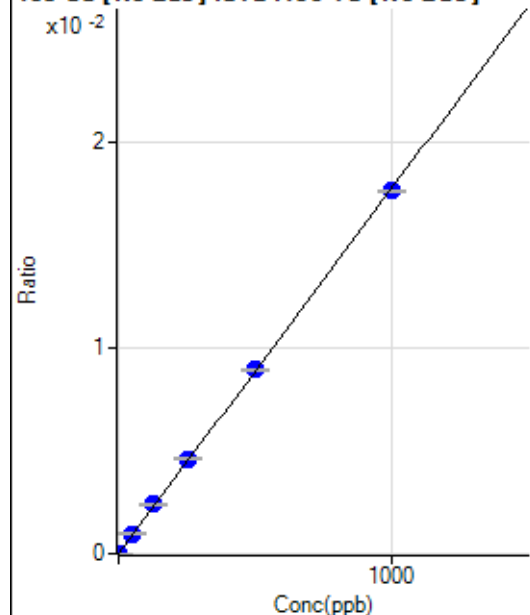
$$DL = 0.002732$$

$$BEC = 0.006996$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	39.0
2	☐	1.000	0.953	226.67	0.0000	P	7.9
3	☐	50.000	55.226	12551.08	0.0010	P	1.3
4	☐	125.000	135.415	30254.87	0.0024	P	2.4
5	☐	250.000	259.901	58984.86	0.0046	P	1.5
6	☐	500.000	504.272	116711.71	0.0090	P	1.5
7	☐	1000.000	993.825	233233.69	0.0177	P	0.6
8	☐			83.33	0.0000	P	29.2

$$y = 1.7766E-005 * x + 1.4656E-006$$

$$R = 0.9999$$

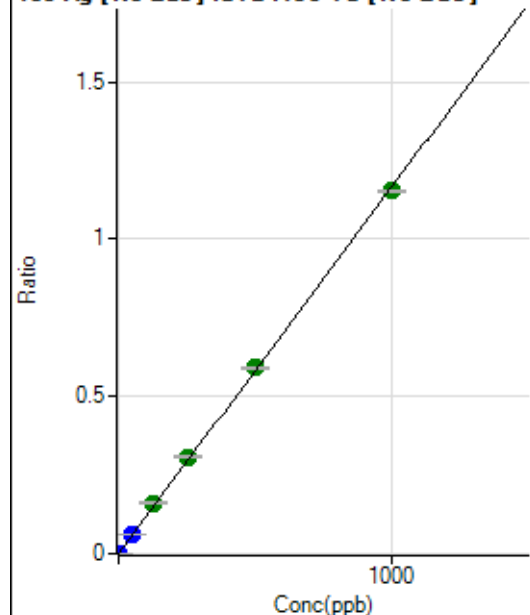
$$DL = 0.09654$$

$$BEC = 0.08249$$

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	66.67	0.0000	P	8.7
2	☐	1.000	0.978	14103.65	0.0011	P	0.9
3	☐	50.000	54.741	814319.37	0.0638	P	1.1
4	☐	125.000	138.339	2024904.90	0.1611	A	1.1
5	☐	250.000	264.352	3931355.12	0.3078	A	0.8
6	☐	500.000	508.111	7706973.01	0.5917	A	1.0
7	☐	1000.000	990.452	15234412.69	1.1534	A	0.2
8	☐			2133.52	0.0002	P	10.2

$$y = 0.0012 * x + 5.4964E-006$$

$$R = 0.9998$$

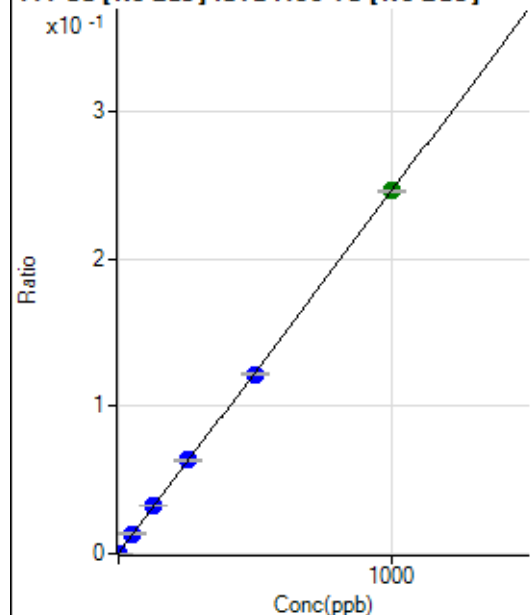
$$DL = 0.001239$$

$$BEC = 0.00472$$

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	2397.20	0.0002	P	0.7
2	☐	1.000	1.046	5609.96	0.0005	P	0.7
3	☐	50.000	54.541	174157.84	0.0136	P	1.4
4	☐	125.000	132.277	412082.38	0.0328	P	1.7
5	☐	250.000	257.002	811101.16	0.0635	P	1.7
6	☐	500.000	494.141	1588331.58	0.1219	P	0.8
7	☐	1000.000	1000.042	3256980.42	0.2466	A	0.5
8	☐			2894.69	0.0002	P	3.9

$$y = 2.4637E-004 * x + 1.9763E-004$$

$$R = 0.9999$$

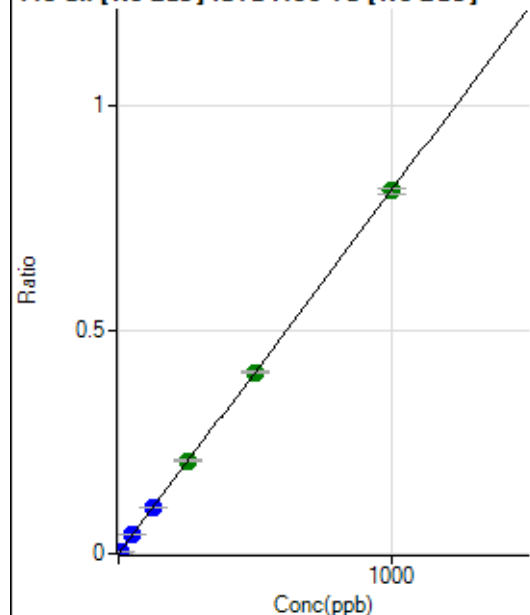
$$DL = 0.01733$$

$$BEC = 0.8022$$

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	2352.44	0.0002	P	8.4
2	☐	5.000	4.794	50384.45	0.0041	P	1.8
3	☐	50.000	52.457	546910.31	0.0428	P	1.6
4	☐	125.000	128.167	1311392.61	0.1043	P	1.8
5	☐	250.000	255.477	2653457.98	0.2078	A	1.4
6	☐	500.000	499.599	5289982.80	0.4061	A	2.0
7	☐	1000.000	998.314	10717706.65	0.8114	A	1.2
8	☐			6414.83	0.0005	P	2.7

$$y = 8.1254\text{E-}004 * x + 1.9393\text{E-}004$$

$$R = 1.0000$$

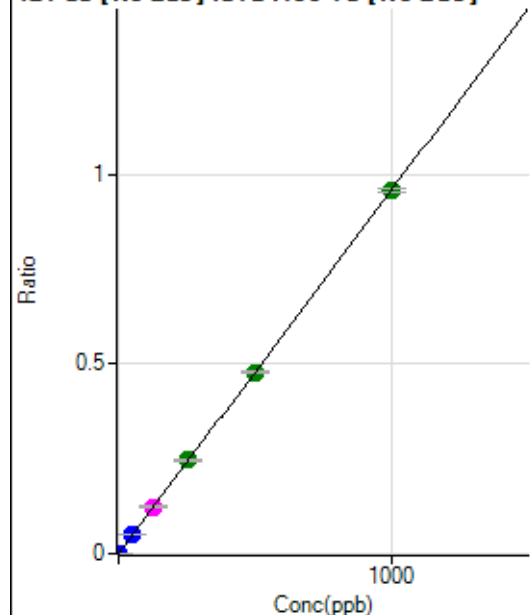
$$DL = 0.06017$$

$$BEC = 0.2387$$

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	106.67	0.0000	P	14.5
2	☐	2.000	1.932	22905.02	0.0019	P	2.1
3	☐	50.000	51.623	631627.81	0.0495	P	1.9
4	☐	125.000	128.392	1545574.87	0.1230	M	2.9
5	☐	250.000	258.312	3159474.09	0.2474	A	2.3
6	☐	500.000	498.798	6222646.16	0.4777	A	1.1
7	☐	1000.000	998.018	12626353.28	0.9559	A	1.0
8	☐			8557.07	0.0007	P	0.2

$$y = 9.5776\text{E-}004 * x + 8.7949\text{E-}006$$

$$R = 1.0000$$

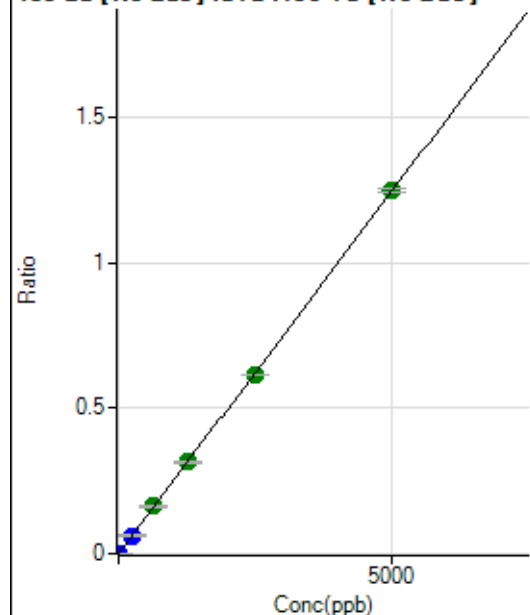
$$DL = 0.003984$$

$$BEC = 0.009183$$

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	135.56	0.0000	P	3.6
2	☐	10.000	9.173	28234.72	0.0023	P	0.5
3	☐	250.000	252.006	800415.61	0.0627	P	1.2
4	☐	625.000	652.769	2039848.67	0.1623	A	1.9
5	☐	1250.000	1265.494	4018001.12	0.3146	A	1.3
6	☐	2500.000	2462.616	7975273.49	0.6123	A	0.3
7	☐	5000.000	5011.249	16457197.39	1.2459	A	1.1
8	☐			6660.50	0.0005	P	2.7

$$y = 2.4861E-004 * x + 1.1175E-005$$

$$R = 0.9999$$

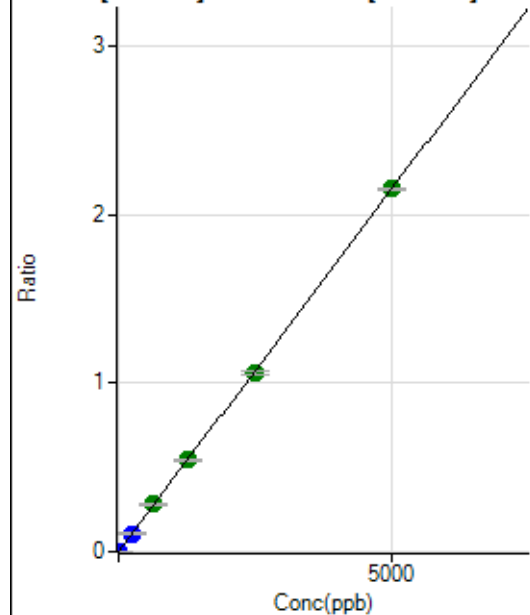
$$DL = 0.00492$$

$$BEC = 0.04495$$

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	230.00	0.0000	P	25.6
2	☐	10.000	9.229	49090.06	0.0040	P	0.2
3	☐	250.000	250.971	1377492.83	0.1078	P	2.1
4	☐	625.000	651.359	3517614.98	0.2799	A	2.3
5	☐	1250.000	1265.703	6944879.90	0.5438	A	1.0
6	☐	2500.000	2472.066	13834276.04	1.0621	A	1.9
7	☐	5000.000	5006.699	28413240.97	2.1511	A	0.3
8	☐			11167.81	0.0009	P	3.2

$$y = 4.2964E-004 * x + 1.8962E-005$$

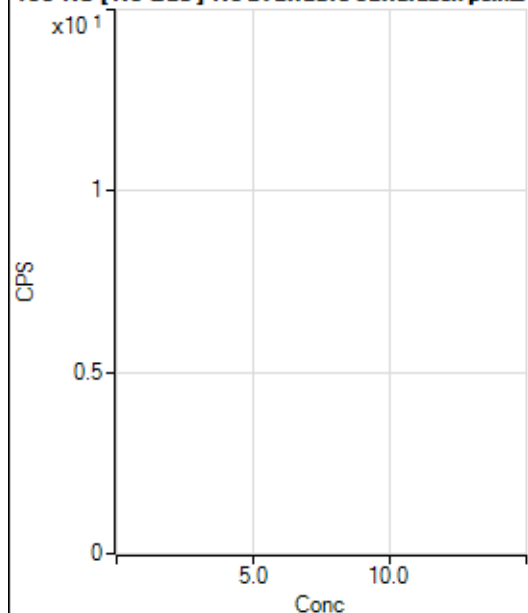
$$R = 1.0000$$

$$DL = 0.03391$$

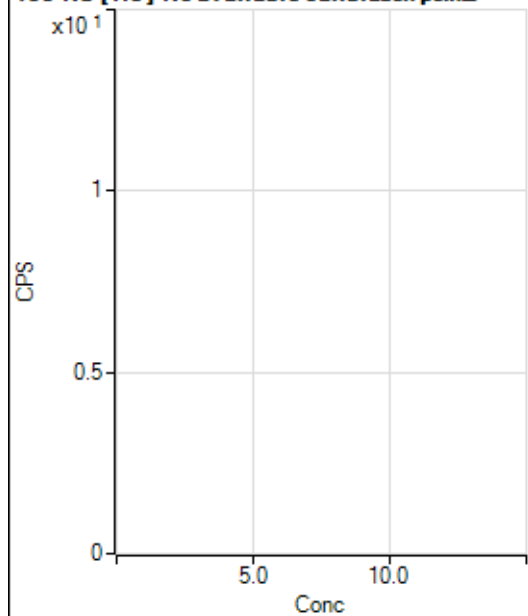
$$BEC = 0.04413$$

Weight: <None>

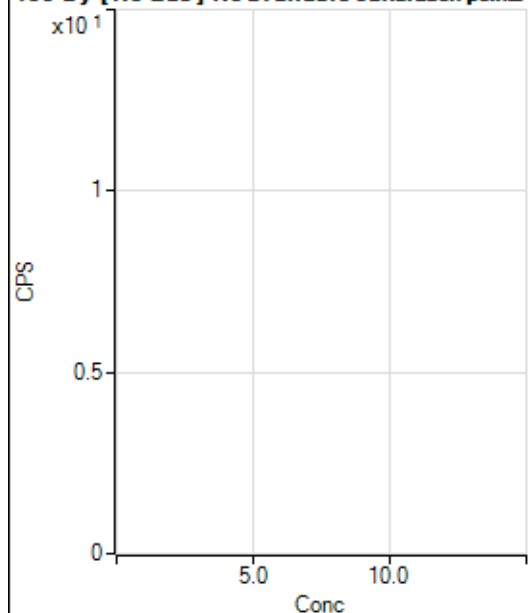
Min Conc: 0

150 Nd [No Gas] No available calibration points

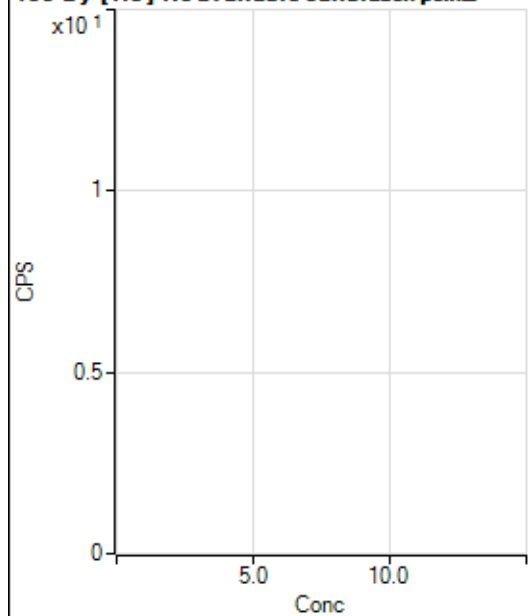
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			13.33		P	43.3
3	☐			52.22		P	32.8
4	☐			86.67		P	0.0
5	☐			125.56		P	17.7
6	☐			296.68		P	10.3
7	☐			583.35		P	4.7
8	☐			236.67		P	19.4

150 Nd [He] No available calibration points

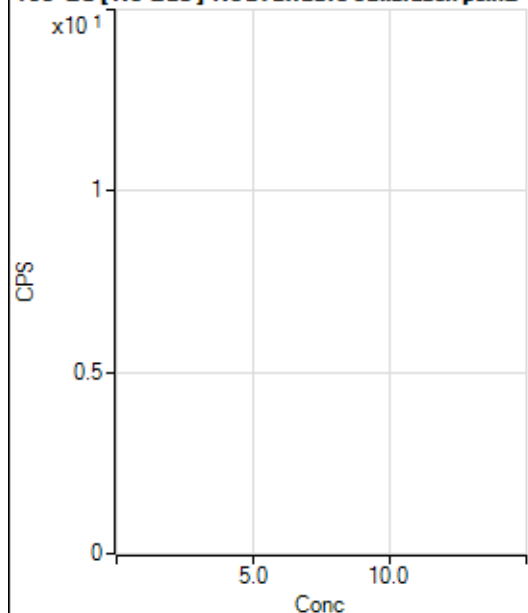
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			14.44		P	113.
4	☐			24.44		P	34.3
5	☐			34.44		P	36.6
6	☐			74.45		P	30.5
7	☐			151.11		P	10.9
8	☐			157.78		P	12.7

156 Dy [No Gas] No available calibration points

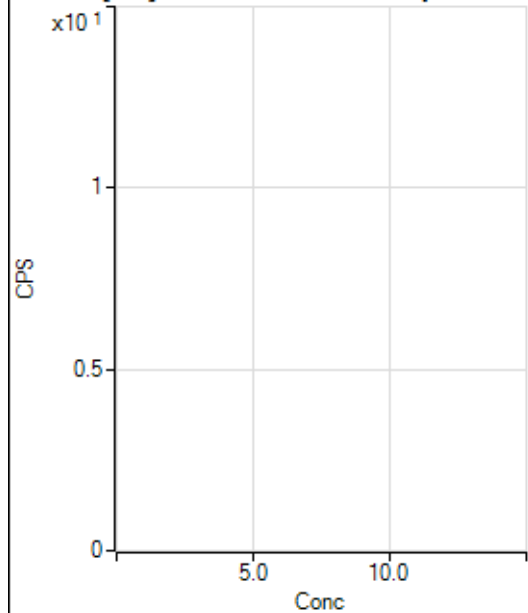
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	28.5
2	☐			45.56		P	18.4
3	☐			62.22		P	6.2
4	☐			64.44		P	13.0
5	☐			77.78		P	30.4
6	☐			127.78		P	9.9
7	☐			264.45		P	13.5
8	☐			437.79		P	5.8

156 Dy [He] No available calibration points

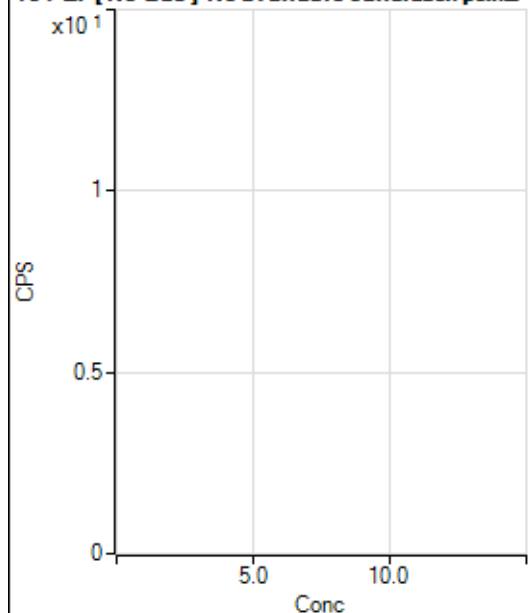
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	10.0
2	☐			31.11		P	30.9
3	☐			71.11		P	10.8
4	☐			102.22		P	8.2
5	☐			176.67		P	22.6
6	☐			326.68		P	6.2
7	☐			683.36		P	2.6
8	☐			356.68		P	5.2

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

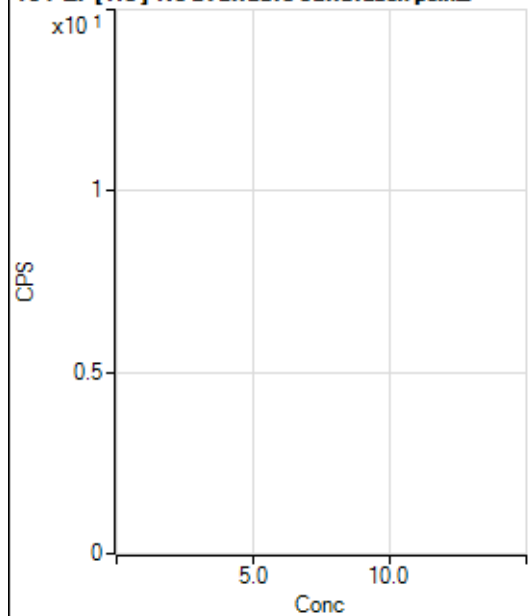
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	38.5
2	☐			48.89		P	7.9
3	☐			63.33		P	13.9
4	☐			70.00		P	28.6
5	☐			104.45		P	24.4
6	☐			116.67		P	14.8
7	☐			188.89		P	8.2
8	☐			394.45		P	5.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			306.67		P	2.2
2	☐			285.56		P	7.1
3	☐			322.23		P	8.6
4	☐			332.23		P	4.5
5	☐			285.56		P	6.0
6	☐			316.68		P	4.8
7	☐			395.56		P	9.3
8	☐			556.69		P	7.9

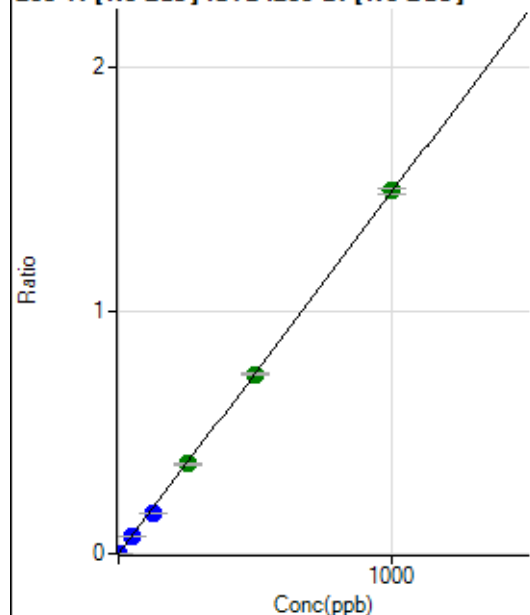
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	16.8
2	☐			100.00		P	37.6
3	☐			101.11		P	16.3
4	☐			91.11		P	34.0
5	☐			115.56		P	14.5
6	☐			181.12		P	23.7
7	☐			291.12		P	17.6
8	☐			514.46		P	6.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	5.3
2	☐			51.11		P	30.1
3	☐			63.33		P	18.2
4	☐			66.67		P	25.0
5	☐			87.78		P	24.1
6	☐			112.22		P	12.0
7	☐			158.89		P	6.4
8	☐			331.12		P	4.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.23	0.0000	P	19.9
2	☐	1.000	0.835	9043.08	0.0013	P	1.4
3	☐	50.000	45.749	511025.54	0.0680	P	0.4
4	☐	125.000	112.992	1250016.45	0.1680	P	1.7
5	☐	250.000	249.329	2823833.57	0.3707	A	1.8
6	☐	500.000	495.596	5585297.69	0.7368	A	1.2
7	☐	1000.000	1004.083	11301502.75	1.4928	A	1.3
8	☐			1374.56	0.0002	P	23.1

$$y = 0.0015 * x + 2.9820E-005$$

$$R = 0.9999$$

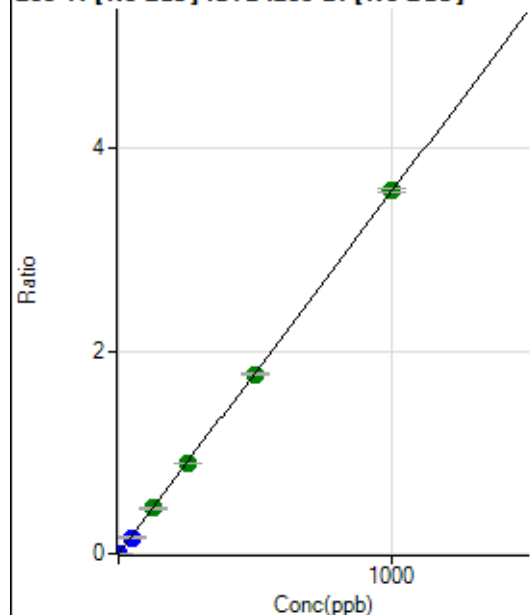
$$DL = 0.012$$

$$BEC = 0.02006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	451.12	0.0001	P	14.1
2	☐	1.000	0.857	22201.49	0.0031	P	0.8
3	☐	50.000	45.113	1210197.94	0.1611	P	0.5
4	☐	125.000	125.097	3323239.43	0.4467	A	1.8
5	☐	250.000	247.836	6740839.20	0.8850	A	0.4
6	☐	500.000	495.941	13425546.88	1.7709	A	1.0
7	☐	1000.000	1002.803	27107206.26	3.5808	A	1.2
8	☐			4542.54	0.0007	P	55.9

$$y = 0.0036 * x + 6.3364E-005$$

$$R = 1.0000$$

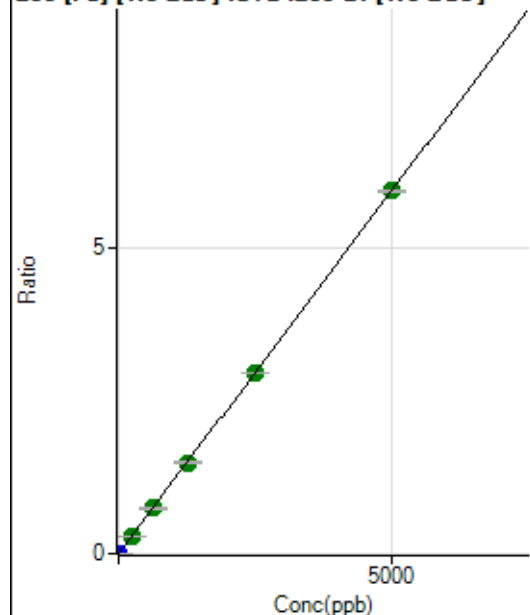
$$DL = 0.00752$$

$$BEC = 0.01775$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	393.34	0.0001	P	4.7
2	☐	1.000	0.855	7619.99	0.0011	P	1.4
3	☐	250.000	249.165	2224858.23	0.2963	A	1.2
4	☐	625.000	630.090	5571660.26	0.7491	A	2.6
5	☐	1250.000	1257.731	11388808.16	1.4952	A	1.2
6	☐	2500.000	2490.599	22444506.33	2.9609	A	0.4
7	☐	5000.000	5002.173	45021310.72	5.9466	A	0.7
8	☐			9997.36	0.0015	P	42.1

$$y = 0.0012 * x + 5.5246E-005$$

$$R = 1.0000$$

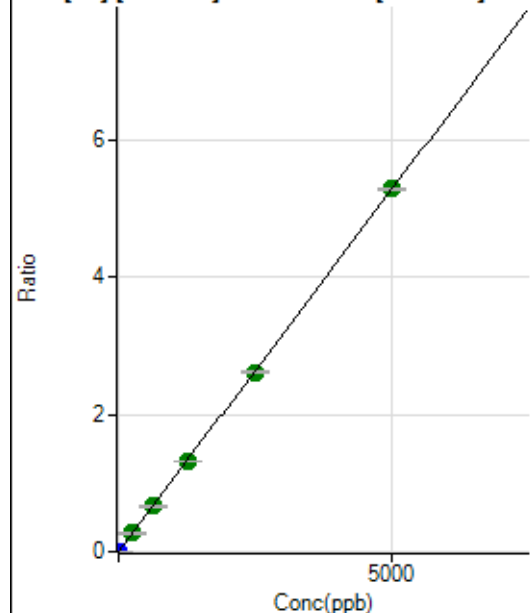
$$DL = 0.006509$$

$$BEC = 0.04647$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	343.34	0.0000	P	6.7
2	☐	1.000	0.829	6567.21	0.0009	P	0.4
3	☐	250.000	254.527	2019476.76	0.2689	A	1.9
4	☐	625.000	626.290	4920657.53	0.6616	A	3.5
5	☐	1250.000	1242.233	9995192.00	1.3123	A	0.3
6	☐	2500.000	2478.160	19843852.90	2.6178	A	0.8
7	☐	5000.000	5012.474	40085688.01	5.2950	A	0.4
8	☐			8779.28	0.0013	P	44.2

$$y = 0.0011 * x + 4.8217E-005$$

$$R = 1.0000$$

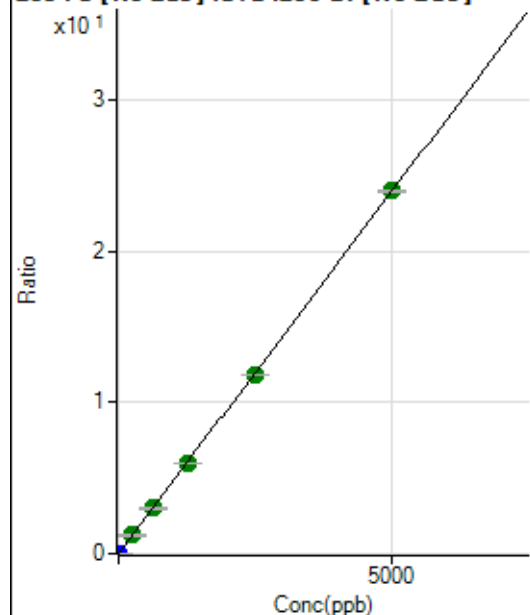
$$DL = 0.009126$$

$$BEC = 0.04564$$

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	1433.38	0.0002	P	2.1
2	☐	1.000	0.848	30325.87	0.0043	P	0.2
3	☐	250.000	253.375	9120858.01	1.2145	A	1.3
4	☐	625.000	627.080	22356169.42	3.0056	A	2.4
5	☐	1250.000	1245.256	45457235.64	5.9682	A	0.6
6	☐	2500.000	2475.851	89949209.08	11.8660	A	0.5
7	☐	5000.000	5012.832	181878793.95	24.0248	A	0.4
8	☐			39135.80	0.0059	P	40.9

$$y = 0.0048 * x + 2.0131E-004$$

$$R = 1.0000$$

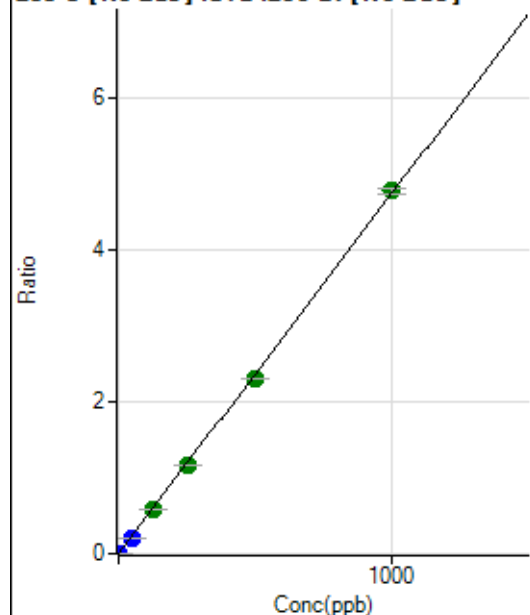
$$DL = 0.002708$$

$$BEC = 0.042$$

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	141.12	0.0000	P	27.7
2	☐	1.000	0.800	27092.16	0.0038	P	1.5
3	☐	50.000	43.326	1541415.55	0.2053	P	0.6
4	☐	125.000	121.996	4298674.35	0.5779	A	2.2
5	☐	250.000	246.241	8885030.91	1.1664	A	1.6
6	☐	500.000	486.383	17465616.96	2.3040	A	1.0
7	☐	1000.000	1008.458	36167201.41	4.7770	A	1.2
8	☐			3046.72	0.0005	P	60.1

$$y = 0.0047 * x + 1.9804E-005$$

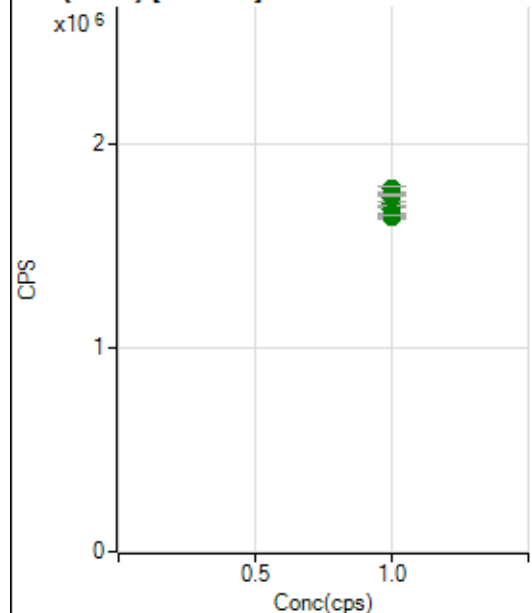
$$R = 0.9999$$

$$DL = 0.00347$$

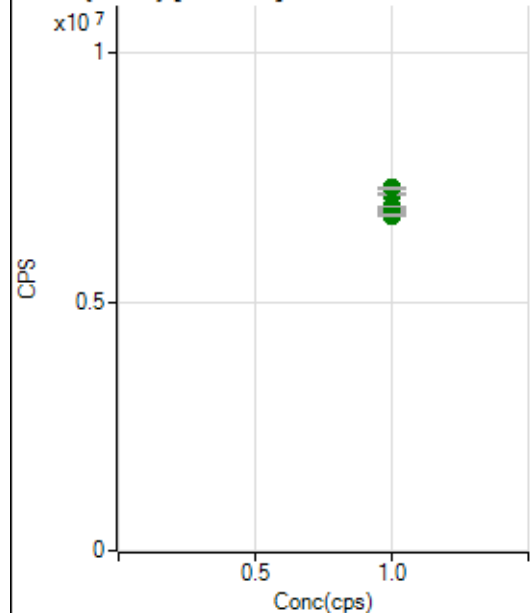
$$BEC = 0.004181$$

Weight: <None>

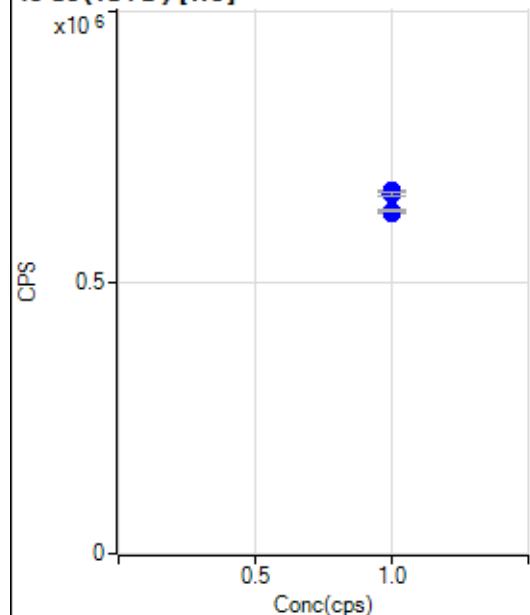
Min Conc: 0

6 Li (ISTD) [No Gas]

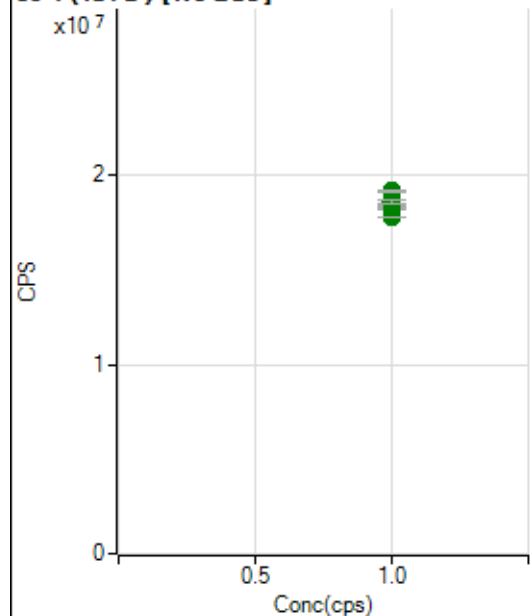
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1636431.33		A	0.7
2	☐	1.000		1675998.12		A	1.8
3	☐	1.000		1709054.40		A	1.2
4	☐	1.000		1735210.84		A	1.7
5	☐	1.000		1753549.66		A	0.2
6	☐	1.000		1778859.70		A	1.4
7	☐	1.000		1747178.39		A	0.4
8	☐	1.000		1649034.58		A	0.2

45 Sc (ISTD) [No Gas]

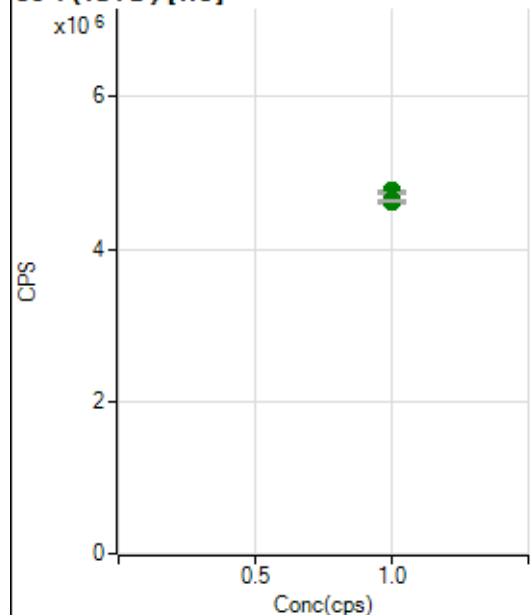
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7133494.90		A	0.1
2	☐	1.000		7163176.56		A	0.2
3	☐	1.000		7286509.20		A	0.8
4	☐	1.000		6879944.27		A	0.2
5	☐	1.000		6744699.97		A	0.7
6	☐	1.000		6819319.69		A	0.6
7	☐	1.000		6908425.38		A	0.4
8	☐	1.000		6730648.37		A	0.4

45 Sc (ISTD) [He]

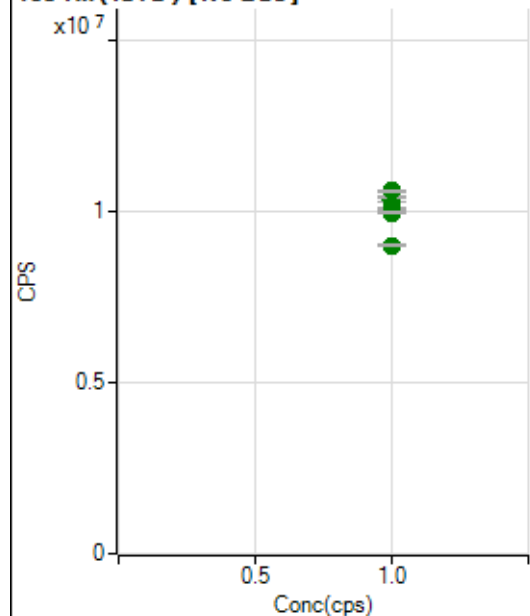
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		669470.67		P	0.8
2	☐	1.000		670216.03		P	0.4
3	☐	1.000		665284.04		P	1.1
4	☐	1.000		629062.22		P	0.5
5	☐	1.000		630019.06		P	0.3
6	☐	1.000		628772.68		P	0.5
7	☐	1.000		632685.66		P	0.8
8	☐	1.000		633605.46		P	0.7

89 Y (ISTD) [No Gas]

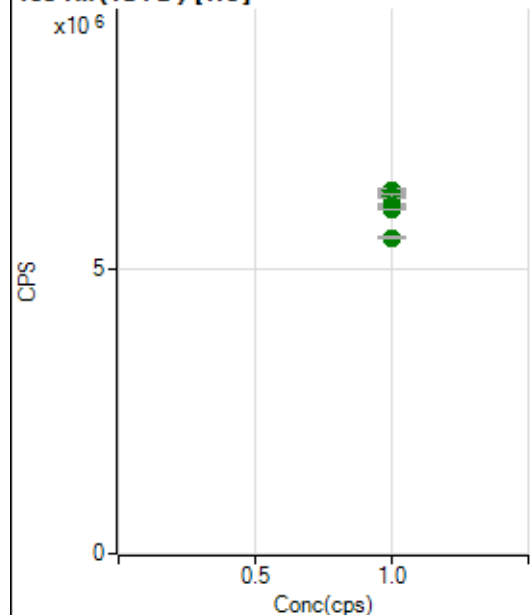
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18704860.14		A	0.5
2	☐	1.000		18697421.11		A	0.2
3	☐	1.000		19172602.35		A	0.6
4	☐	1.000		18231124.04		A	0.5
5	☐	1.000		18250958.20		A	0.3
6	☐	1.000		18441148.06		A	0.5
7	☐	1.000		18593767.36		A	1.0
8	☐	1.000		17782607.10		A	0.2

89 Y(ISTD) [He]

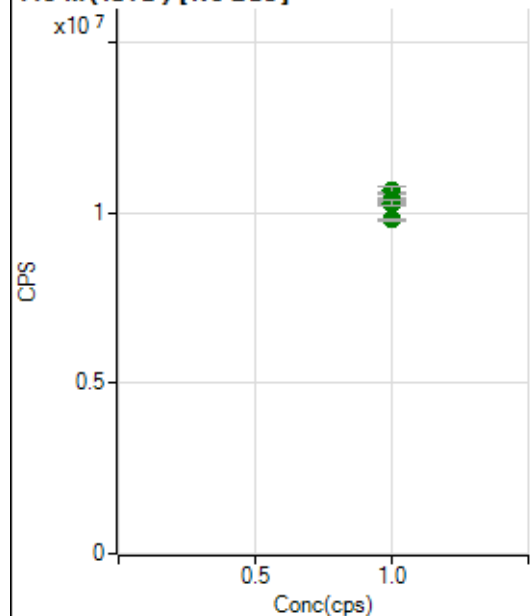
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4763797.50		A	0.4
2	☐	1.000		4741126.91		A	0.8
3	☐	1.000		4745990.34		A	0.5
4	☐	1.000		4621116.98		A	0.6
5	☐	1.000		4621774.48		A	0.8
6	☐	1.000		4624801.28		A	1.1
7	☐	1.000		4623285.21		A	0.4
8	☐	1.000		4639076.39		A	0.3

103 Rh(ISTD) [No Gas]

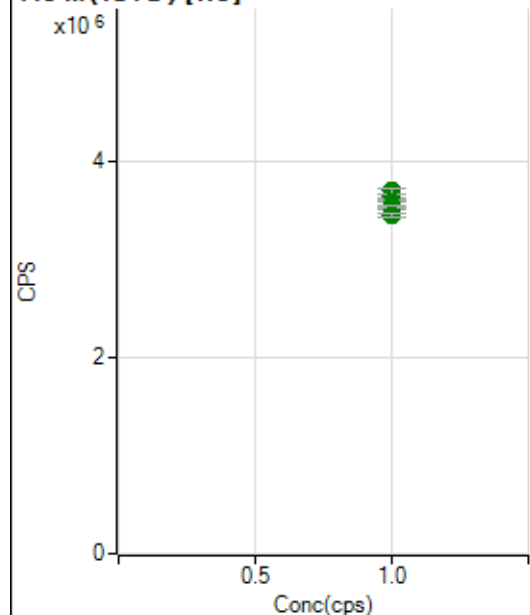
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10323477.83		A	0.7
2	☐	1.000		10408828.39		A	0.2
3	☐	1.000		10587296.37		A	0.7
4	☐	1.000		10052536.17		A	0.4
5	☐	1.000		10031774.78		A	1.2
6	☐	1.000		10023668.88		A	0.2
7	☐	1.000		9953769.57		A	0.3
8	☐	1.000		9000795.42		A	0.6

103 Rh (ISTD) [He]

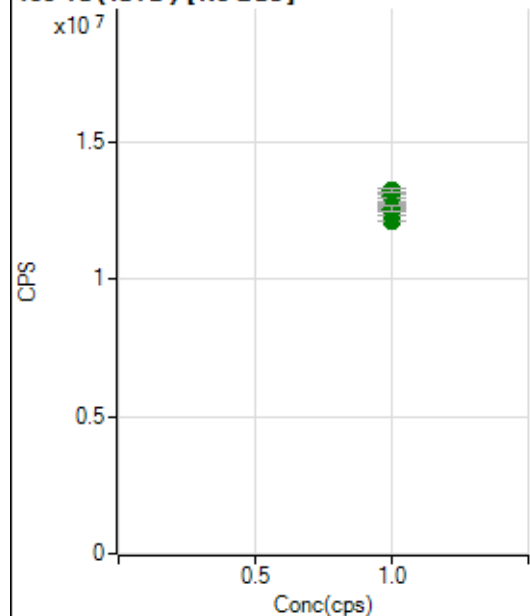
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6320486.71		A	0.3
2	☐	1.000		6316451.36		A	1.6
3	☐	1.000		6364413.58		A	1.4
4	☐	1.000		6149458.03		A	0.2
5	☐	1.000		6266512.48		A	0.9
6	☐	1.000		6101115.74		A	0.5
7	☐	1.000		6041100.32		A	0.4
8	☐	1.000		5543020.96		A	0.7

115 In (ISTD) [No Gas]

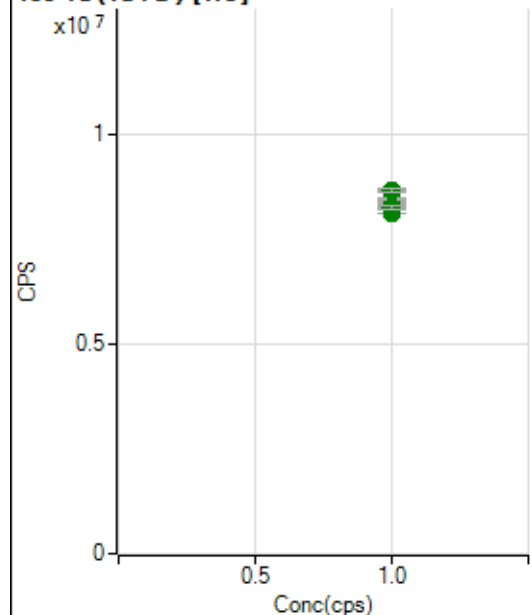
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10434439.02		A	0.4
2	☐	1.000		10523294.13		A	1.2
3	☐	1.000		10638249.88		A	2.0
4	☐	1.000		10364511.55		A	1.3
5	☐	1.000		10278698.81		A	0.4
6	☐	1.000		10340077.09		A	0.3
7	☐	1.000		10286150.22		A	1.2
8	☐	1.000		9783866.92		A	0.8

115 In (ISTD) [He]

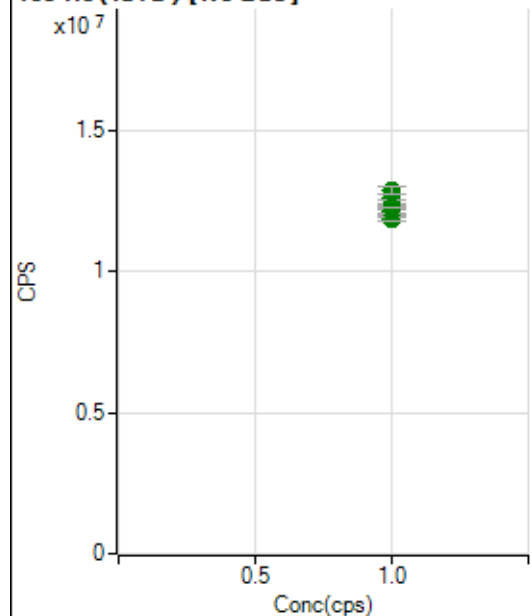
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3617456.72		A	0.5
2	☐	1.000		3634247.35		A	1.8
3	☐	1.000		3692707.78		A	1.8
4	☐	1.000		3508752.56		A	0.4
5	☐	1.000		3583924.06		A	0.5
6	☐	1.000		3536961.97		A	0.8
7	☐	1.000		3442545.06		A	1.5
8	☐	1.000		3442806.78		A	0.7

159 Tb (ISTD) [No Gas]

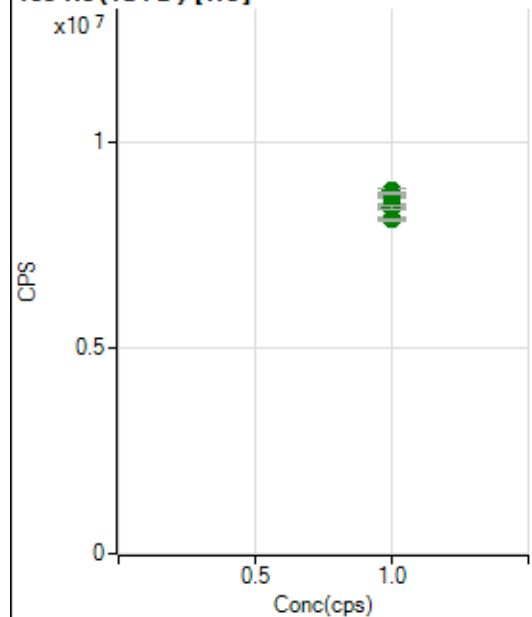
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12129753.99		A	0.1
2	☐	1.000		12321198.15		A	0.3
3	☐	1.000		12774118.00		A	0.8
4	☐	1.000		12570074.67		A	1.0
5	☐	1.000		12771076.20		A	0.5
6	☐	1.000		13026368.42		A	1.3
7	☐	1.000		13208593.14		A	0.9
8	☐	1.000		12563553.01		A	1.2

159 Tb (ISTD) [He]

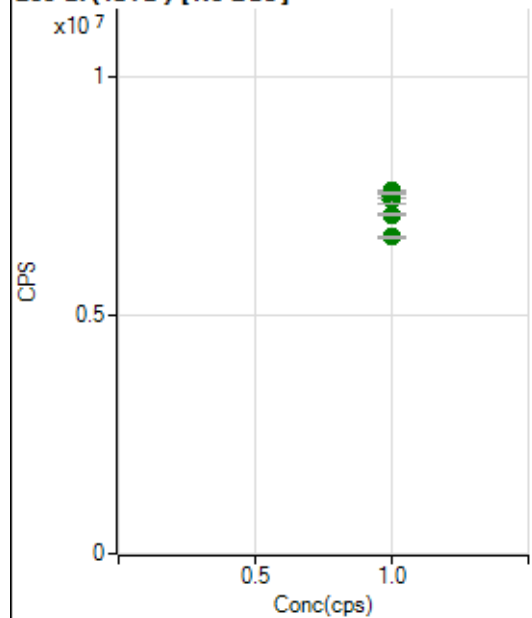
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8124594.95		A	0.3
2	☐	1.000		8240999.88		A	0.2
3	☐	1.000		8436261.89		A	1.7
4	☐	1.000		8382472.10		A	0.8
5	☐	1.000		8487047.37		A	0.8
6	☐	1.000		8669522.30		A	0.8
7	☐	1.000		8667012.51		A	1.1
8	☐	1.000		8277984.25		A	1.1

165 Ho (ISTD) [No Gas]

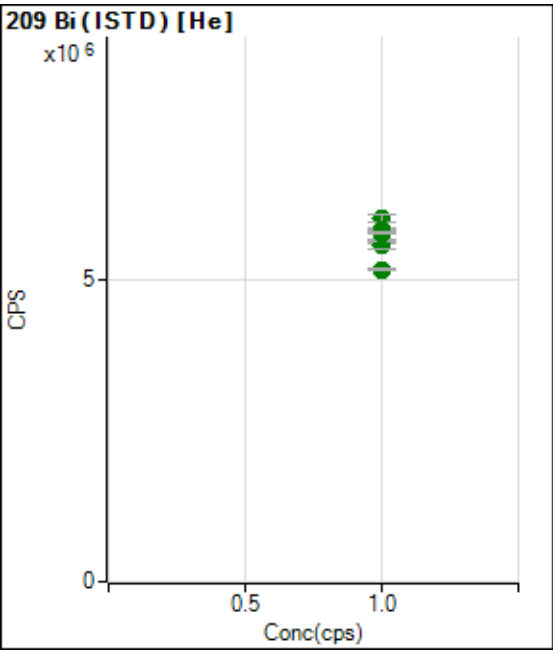
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11938985.10		A	0.4
2	☐	1.000		11861659.27		A	1.2
3	☐	1.000		12304702.45		A	0.2
4	☐	1.000		12129265.51		A	0.7
5	☐	1.000		12384239.54		A	0.7
6	☐	1.000		12641488.56		A	1.2
7	☐	1.000		12862263.56		A	2.2
8	☐	1.000		12251649.96		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8147087.59		A	0.4
2	☐	1.000		8123163.49		A	0.4
3	☐	1.000		8473579.53		A	1.0
4	☐	1.000		8485303.35		A	1.0
5	☐	1.000		8824173.55		A	1.9
6	☐	1.000		8657448.55		A	0.6
7	☐	1.000		8764468.34		A	0.6
8	☐	1.000		8407151.40		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7119743.43		A	0.5
2	☐	1.000		7110787.39		A	0.5
3	☐	1.000		7509919.89		A	0.8
4	☐	1.000		7441219.47		A	2.7
5	☐	1.000		7616546.76		A	0.8
6	☐	1.000		7580590.51		A	1.0
7	☐	1.000		7570628.57		A	1.0
8	☐	1.000		6641795.94		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5573120.47		A	1.9
2	☐	1.000		5667558.46		A	0.4
3	☐	1.000		5839895.61		A	0.3
4	☐	1.000		5850357.27		A	1.0
5	☐	1.000		6018719.29		A	2.0
6	☐	1.000		5827838.66		A	0.8
7	☐	1.000		5788032.21		A	1.0
8	☐	1.000		5180169.13		A	0.9