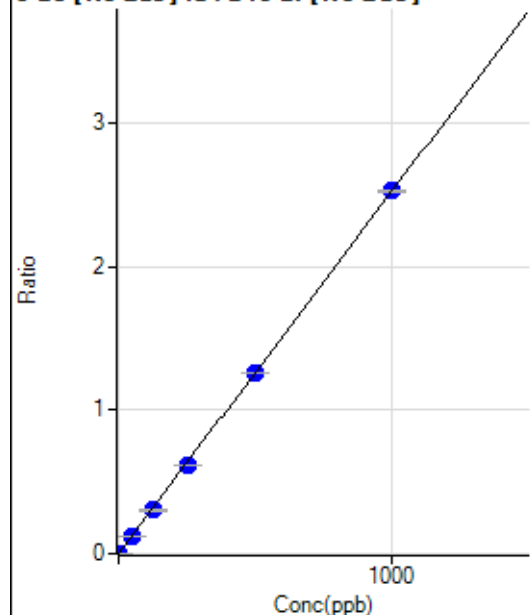


Batch Folder: D:\P8060719-MS.b\
Analysis File: P8060719-MS.batch.bin
DA Date-Time: 2019-06-08 00:19:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-07 17:21:13
2			
3	005CALS.d	S02	2019-06-07 17:29:08
4	006CALS.d	S03	2019-06-07 17:33:12
5	007CALS.d	S04	2019-06-07 17:37:15
6	008CALS.d	S05	2019-06-07 17:41:18
7	009CALS.d	S06	2019-06-07 17:45:19
8	010CALS.d	S07	2019-06-07 17:49:12
9	011CALS.d	S08	2019-06-07 17:53:00
10			

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0007	P	16.3
2	☐	0.100					
3	☐	1.000	0.753	394.46	0.0026	P	12.9
4	☐	50.000	48.394	17551.63	0.1226	P	2.0
5	☐	125.000	119.668	41092.03	0.3022	P	1.4
6	☐	250.000	245.266	88259.48	0.6186	P	1.1
7	☐	500.000	498.022	173471.30	1.2552	P	0.4
8	☐	1000.000	1002.920	340738.73	2.5270	P	0.5
9	☐			66.67	0.0005	P	30.4
10	☐						

$$y = 0.0025 * x + 7.4111E-004$$

R = 1.0000

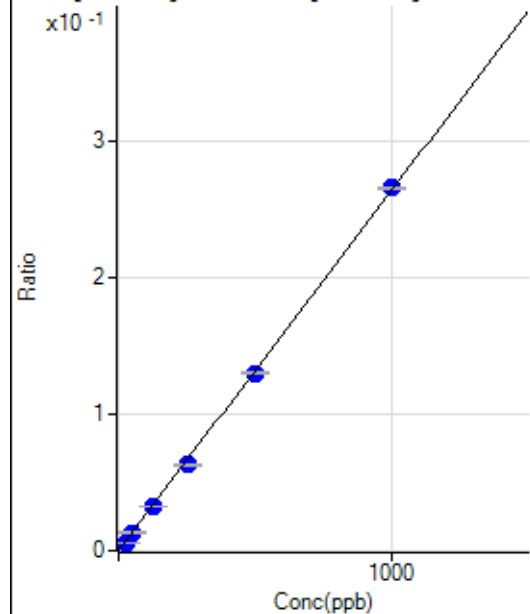
DL = 0.1441

BEC = 0.2942

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0002	P	44.0
2	☐	2.500					
3	☐	25.000	18.627	769.49	0.0052	P	4.3
4	☐	50.000	47.431	1822.38	0.0127	P	10.1
5	☐	125.000	120.903	4361.89	0.0321	P	0.4
6	☐	250.000	237.225	8944.70	0.0627	P	2.9
7	☐	500.000	492.855	17964.42	0.1300	P	0.4
8	☐	1000.000	1007.566	35795.18	0.2655	P	0.8
9	☐			1294.54	0.0095	P	15.8
10	☐						

$$y = 2.6325E-004 * x + 2.4677E-004$$

R = 0.9999

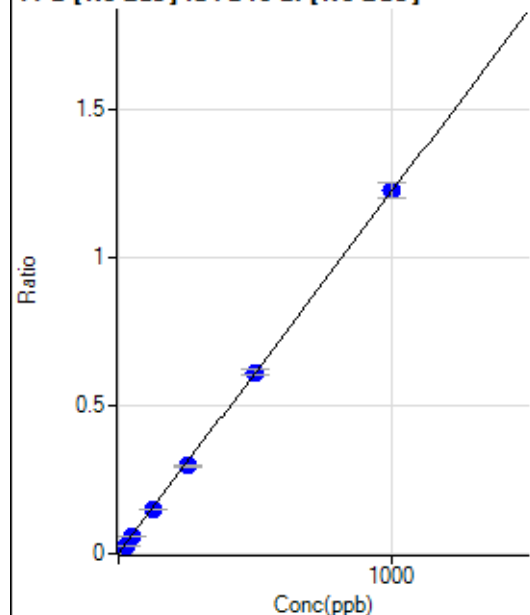
DL = 1.237

BEC = 0.9374

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0011	P	22.1
2	☐	2.500					
3	☐	25.000	20.916	3975.66	0.0266	P	3.1
4	☐	50.000	46.223	8244.25	0.0576	P	1.7
5	☐	125.000	121.525	20356.64	0.1497	P	1.3
6	☐	250.000	241.539	42293.47	0.2964	P	2.7
7	☐	500.000	500.984	84817.47	0.6137	P	2.5
8	☐	1000.000	1002.349	165384.87	1.2269	P	4.1
9	☐			6109.82	0.0447	P	5.1
10	☐						

$$y = 0.0012 * x + 0.0011$$

R = 1.0000

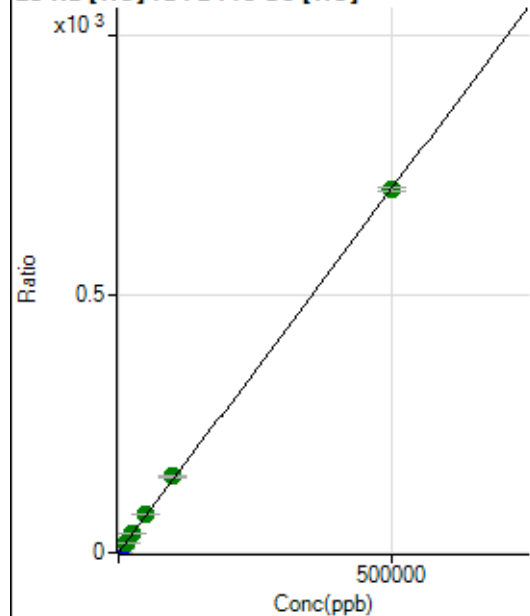
DL = 0.5741

BEC = 0.8654

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14777.38	0.2411	P	3.1
2	☐	50.000					
3	☐	500.000	462.952	60077.03	0.8925	P	1.0
4	☐	5000.000	5384.516	529843.81	7.8176	P	1.4
5	☐	12500.000	13505.097	1275508.20	19.2439	A	2.4
6	☐	25000.000	26354.277	2561299.04	37.3238	A	0.5
7	☐	50000.000	52912.753	5091732.75	74.6940	A	2.2
8	☐	100000.00	104560.92	10193840.16	147.3675	A	2.4
9	☐	500000.00	498699.89	47849191.35	701.9557	A	1.2
10	☐						

$$y = 0.0014 * x + 0.2411$$

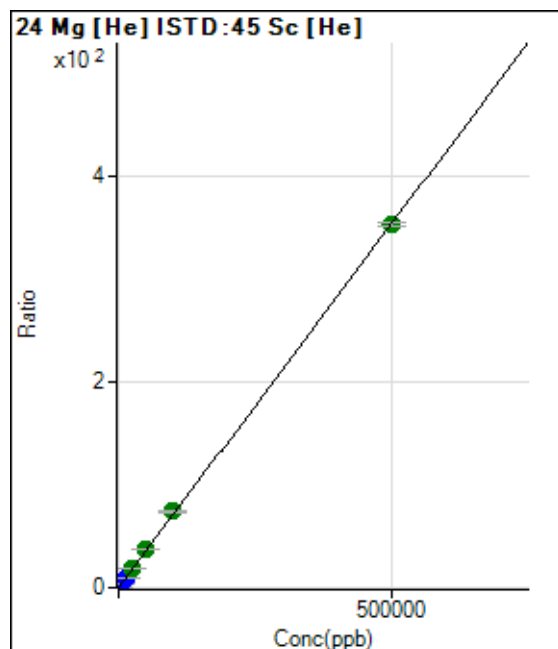
R = 0.9999

DL = 15.82

BEC = 171.3

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0015	P	33.4
2	☐	50.000					
3	☐	500.000	507.815	24301.91	0.3610	P	2.4
4	☐	5000.000	5430.373	260641.38	3.8460	P	0.5
5	☐	12500.000	13526.541	634934.15	9.5779	P	1.6
6	☐	25000.000	26718.274	1298171.33	18.9172	A	1.2
7	☐	50000.000	53374.021	2575858.24	37.7887	A	1.0
8	☐	100000.00	104528.69	5118926.89	74.0046	A	2.1
9	☐	500000.00	498640.97	24064139.77	353.0239	A	1.0
10	☐						

$$y = 7.0797\text{E-}004 * x + 0.0015$$

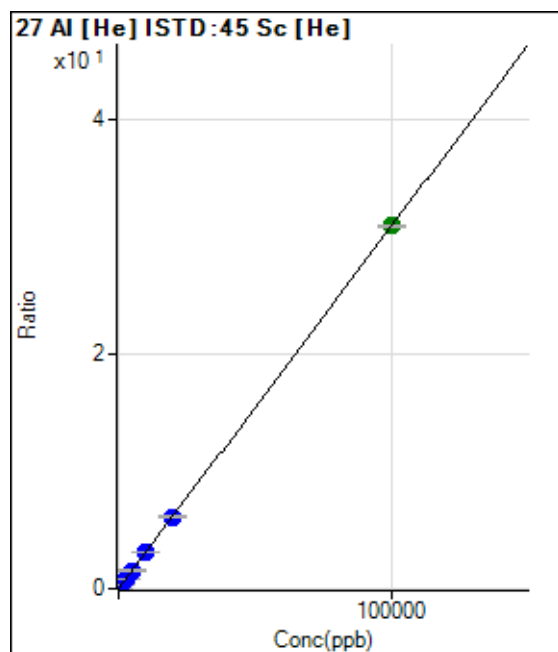
R = 0.9999

DL = 2.123

BEC = 2.117

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0011	P	13.2
2	☐	2.000					
3	☐	20.000	18.261	455.57	0.0068	P	13.5
4	☐	1000.000	1001.978	21087.93	0.3112	P	0.1
5	☐	2500.000	2523.584	51837.38	0.7820	P	1.7
6	☐	5000.000	5012.912	106515.27	1.5523	P	1.4
7	☐	10000.000	10046.933	211991.23	3.1100	P	1.3
8	☐	20000.000	19841.556	424787.39	6.1407	P	0.8
9	☐	100000.00	100025.74	2109882.68	30.9523	A	0.8
10	☐						

$$y = 3.0943\text{E-}004 * x + 0.0011$$

R = 1.0000

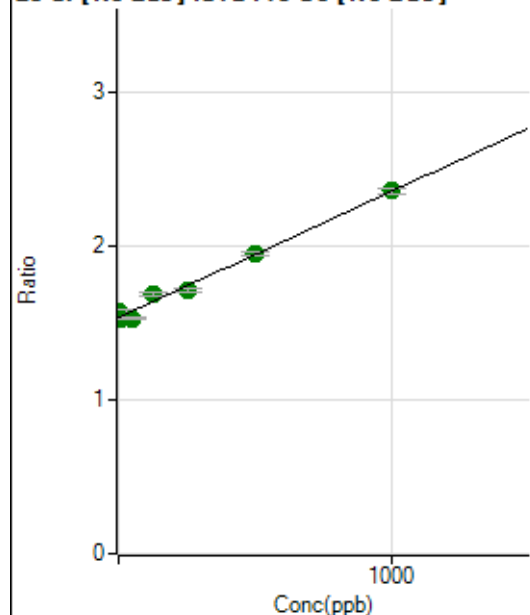
DL = 1.439

BEC = 3.626

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	49.881	1304942.96	1.5772	A	1.0
2	☐	1.000					
3	☐	10.000	-14.042	1328617.63	1.5247	A	0.6
4	☐	50.000	-7.175	1337121.61	1.5303	A	1.3
5	☐	125.000	188.433	1403639.91	1.6909	A	1.4
6	☐	250.000	210.141	1516762.31	1.7087	A	1.3
7	☐	500.000	505.255	1713122.35	1.9509	A	1.3
8	☐	1000.000	1002.507	2029638.85	2.3590	A	1.5
9	☐			1272614.00	1.4822	A	3.0
10	☐						

$$y = 8.207155E-004 * x + 1.536230$$

R = 0.9926

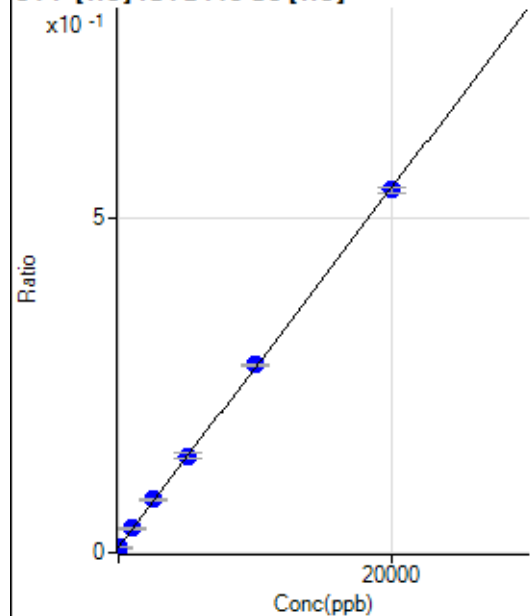
DL = 55.94

BEC = 1872

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-38.177	438.91	0.0072	P	4.3
2	☐	0.000					
3	☐	0.000	38.177	619.47	0.0092	P	6.2
4	☐	1000.000	1036.790	2436.39	0.0360	P	15.0
5	☐	2500.000	2649.880	5256.68	0.0792	P	1.5
6	☐	5000.000	5099.349	9948.22	0.1449	P	5.6
7	☐	10000.000	10136.057	19088.28	0.2800	P	1.8
8	☐	20000.000	19886.560	37458.55	0.5415	P	1.4
9	☐			486.13	0.0071	P	16.9
10	☐						

$$y = 2.6819E-005 * x + 0.0082$$

R = 0.9999

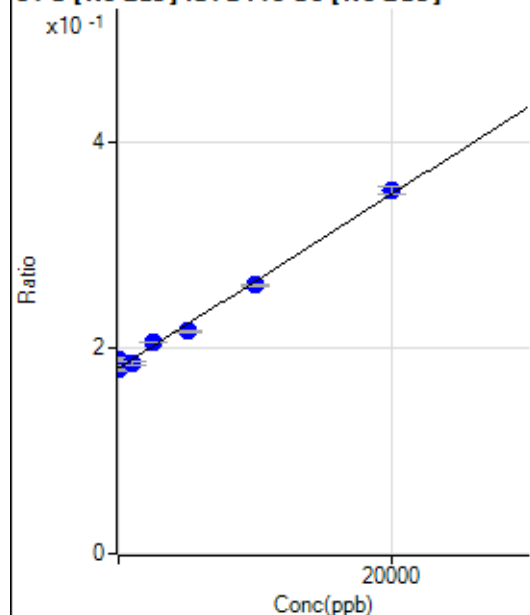
DL = 49.13

BEC = 305

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1031.381	156762.16	0.1895	P	0.7
2	☐	0.000					
3	☐	0.000	-203.365	155968.54	0.1790	P	1.4
4	☐	1000.000	472.521	161381.88	0.1847	P	1.8
5	☐	2500.000	2980.227	170975.52	0.2060	P	0.6
6	☐	5000.000	4291.289	192698.27	0.2171	P	0.9
7	☐	10000.000	9568.847	229895.19	0.2618	P	1.0
8	☐	20000.000	20359.100	303888.20	0.3532	P	2.1
9	☐			154980.07	0.1805	P	1.1
10	☐						

$$y = 8.474163\text{E-}006 * x + 0.180712$$

R = 0.9962

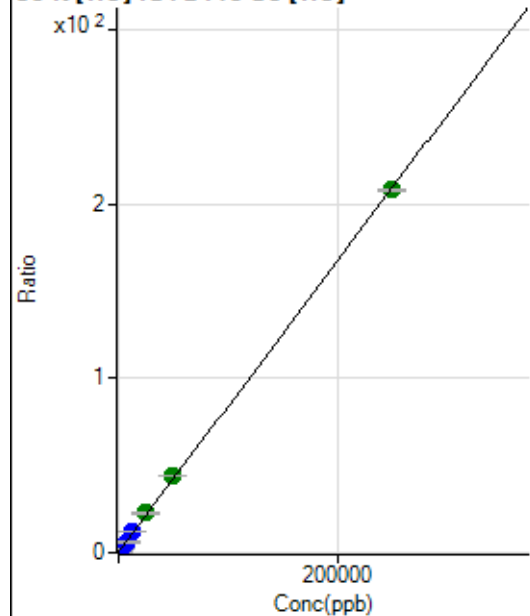
DL = 698.9

BEC = 2.133E+04

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22042.67	0.3596	P	3.2
2	☐	50.000					
3	☐	500.000	446.463	49281.17	0.7321	P	0.5
4	☐	2500.000	2695.620	176752.42	2.6085	P	2.4
5	☐	6250.000	6823.814	401279.84	6.0525	P	1.1
6	☐	12500.000	13594.586	803012.93	11.7011	P	0.4
7	☐	25000.000	26940.754	1556737.90	22.8354	A	2.3
8	☐	50000.000	52594.453	3060166.48	44.2374	A	1.0
9	☐	250000.00	249216.11	14196992.33	208.2722	A	0.5
10	☐						

$$y = 8.3427\text{E-}004 * x + 0.3596$$

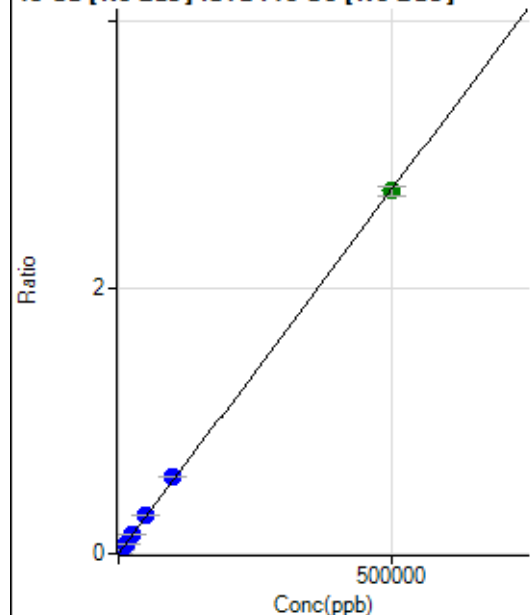
R = 0.9999

DL = 41.83

BEC = 431.1

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	686.15	0.0008	P	19.4
2	☐	50.000					
3	☐	500.000	455.959	2894.83	0.0033	P	3.4
4	☐	5000.000	5182.030	25476.45	0.0292	P	1.9
5	☐	12500.000	12956.969	59490.86	0.0717	P	0.7
6	☐	25000.000	26334.333	128555.18	0.1448	P	0.5
7	☐	50000.000	52203.803	251346.19	0.2862	P	1.1
8	☐	100000.00	105096.16	495065.03	0.5754	P	0.7
9	☐	500000.00	498680.47	2341952.98	2.7271	A	2.6
10	☐						

$$y = 5.4671\text{E-}006 * x + 8.2901\text{E-}004$$

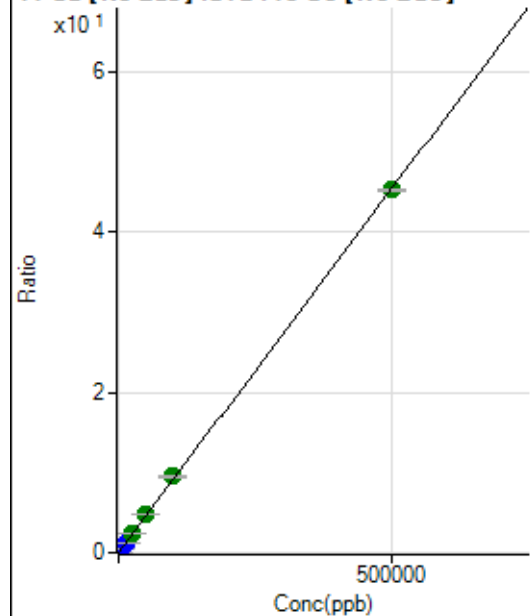
R = 0.9999

DL = 88.24

BEC = 151.6

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	10176.17	0.0123	P	5.0
2	☐	50.000					
3	☐	500.000	477.587	48470.45	0.0556	P	1.3
4	☐	5000.000	5297.010	430661.61	0.4929	P	0.8
5	☐	12500.000	13187.615	1003256.75	1.2087	P	1.8
6	☐	25000.000	26267.391	2126275.01	2.3954	A	1.4
7	☐	50000.000	51925.717	4147678.08	4.7232	A	0.7
8	☐	100000.00	104753.97	8188543.07	9.5160	A	1.5
9	☐	500000.00	498773.12	38872758.51	45.2628	A	0.6
10	☐						

$$y = 9.0724\text{E-}005 * x + 0.0123$$

R = 0.9999

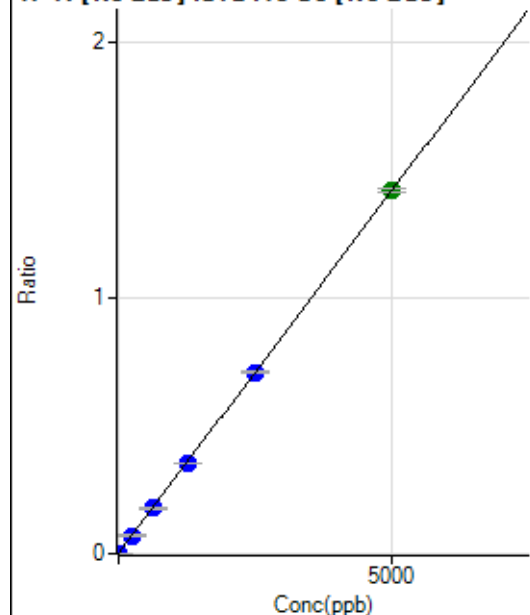
DL = 20.37

BEC = 135.6

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	969.50	0.0012	P	12.0
2	☐	1.000					
3	☐	10.000	4.750	2194.68	0.0025	P	6.1
4	☐	250.000	246.987	62177.22	0.0711	P	2.1
5	☐	625.000	619.714	146718.93	0.1767	P	0.2
6	☐	1250.000	1244.839	314122.81	0.3539	P	0.9
7	☐	2500.000	2501.330	623346.46	0.7098	P	0.8
8	☐	5000.000	5001.447	1220260.02	1.4182	A	1.2
9	☐			1263.98	0.0015	P	10.6
10	☐						

$$y = 2.8332E-004 * x + 0.0012$$

R = 1.0000

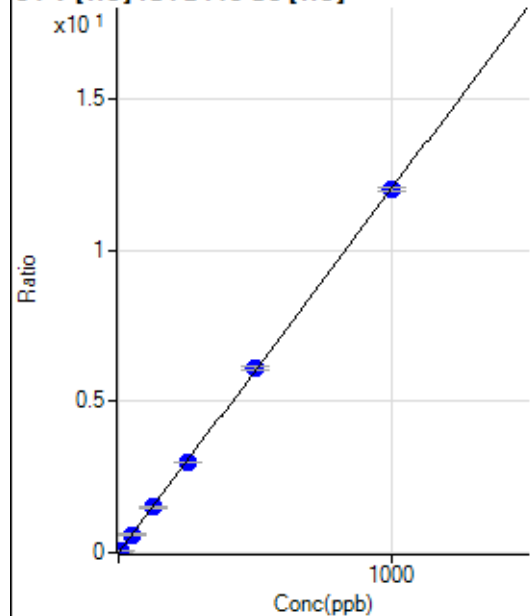
DL = 1.486

BEC = 4.138

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	95.56	0.0016	P	16.2
2	☐	0.500					
3	☐	5.000	4.603	3829.44	0.0569	P	1.3
4	☐	50.000	50.037	40871.66	0.6031	P	0.8
5	☐	125.000	124.710	99513.54	1.5009	P	1.4
6	☐	250.000	248.936	205498.70	2.9943	P	1.0
7	☐	500.000	507.093	415653.30	6.0980	P	1.4
8	☐	1000.000	996.756	829042.39	11.9849	P	1.1
9	☐			137.78	0.0020	P	17.4
10	☐						

$$y = 0.0120 * x + 0.0016$$

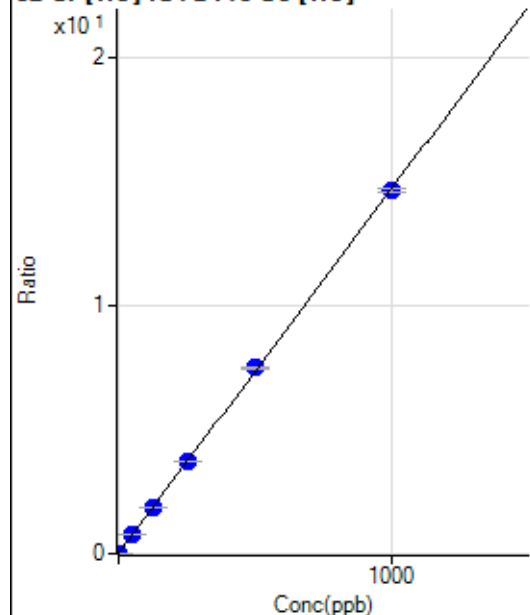
R = 1.0000

DL = 0.06283

BEC = 0.1296

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	865.59	0.0141	P	3.3
2	☐	0.200					
3	☐	2.000	1.596	2529.14	0.0376	P	0.5
4	☐	50.000	50.408	51169.85	0.7551	P	1.6
5	☐	125.000	126.402	124110.62	1.8722	P	1.5
6	☐	250.000	251.095	254255.12	3.7052	P	0.6
7	☐	500.000	509.602	511592.25	7.5052	P	0.5
8	☐	1000.000	994.731	1012452.68	14.6364	P	1.2
9	☐			8140.23	0.1194	P	1.0
10	☐						

$$y = 0.0147 * x + 0.0141$$

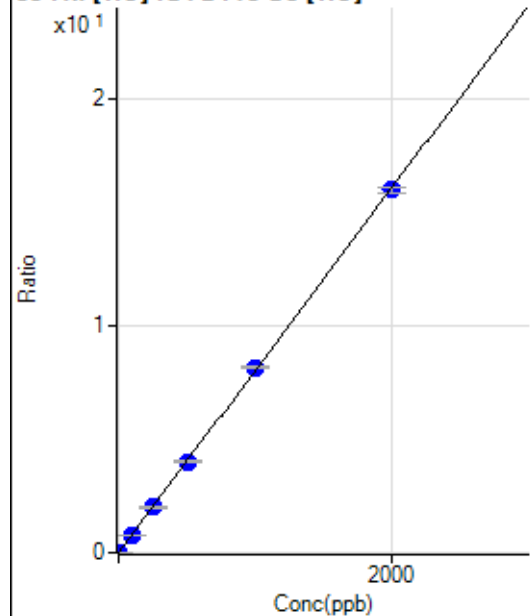
$$R = 0.9999$$

$$DL = 0.09574$$

$$BEC = 0.9602$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0013	P	26.3
2	☐	0.100					
3	☐	1.000	0.878	562.24	0.0084	P	4.4
4	☐	100.000	99.253	54047.33	0.7975	P	0.9
5	☐	250.000	248.577	132268.01	1.9954	P	2.1
6	☐	500.000	499.934	275304.92	4.0119	P	0.8
7	☐	1000.000	1018.233	556908.94	8.1698	P	0.4
8	☐	2000.000	1991.115	1104976.77	15.9744	P	1.8
9	☐			4007.28	0.0588	P	4.2
10	☐	10000.000					

$$y = 0.0080 * x + 0.0013$$

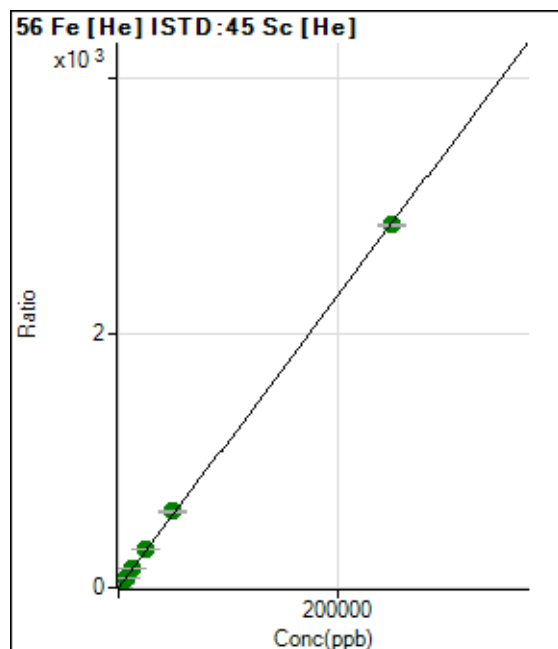
$$R = 0.9999$$

$$DL = 0.128$$

$$BEC = 0.1624$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2202.06	0.0359	P	7.8
2	☐	5.000					
3	☐	50.000	50.171	41075.33	0.6101	P	2.6
4	☐	2500.000	2719.394	2111494.97	31.1582	A	1.5
5	☐	6250.000	6701.659	5086750.46	76.7336	A	1.5
6	☐	12500.000	13220.387	10385419.91	151.3376	A	1.1
7	☐	25000.000	26867.567	20962166.21	307.5238	A	1.0
8	☐	50000.000	52545.965	41599755.10	601.4021	A	1.8
9	☐	250000.00	249254.54	194451630.2	2,852.647	A	0.7
10	☐						

$$y = 0.0114 * x + 0.0359$$

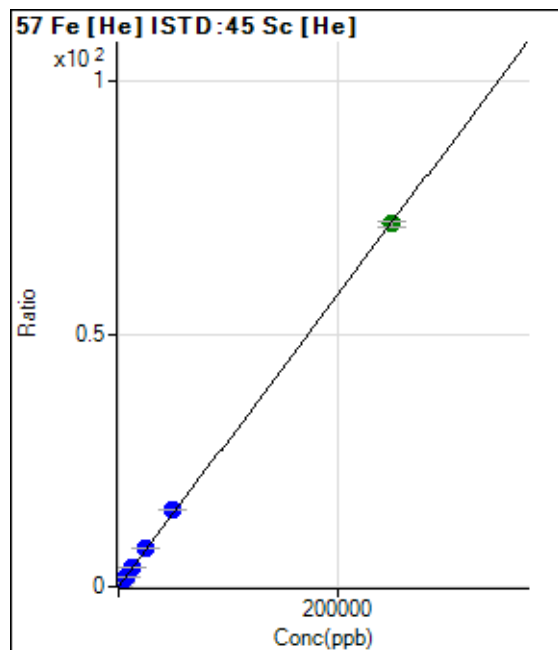
R = 0.9999

DL = 0.7308

BEC = 3.14

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.52	0.0019	P	43.6
2	☐	5.000					
3	☐	50.000	48.900	1079.69	0.0160	P	8.0
4	☐	2500.000	2656.010	52002.26	0.7673	P	0.2
5	☐	6250.000	6582.336	125880.45	1.8988	P	1.3
6	☐	12500.000	13314.869	263432.67	3.8389	P	1.1
7	☐	25000.000	26664.646	523894.96	7.6860	P	1.4
8	☐	50000.000	52664.471	1049948.53	15.1785	P	1.1
9	☐	250000.00	249250.02	4896213.07	71.8295	A	1.3
10	☐						

$$y = 2.8817E-004 * x + 0.0019$$

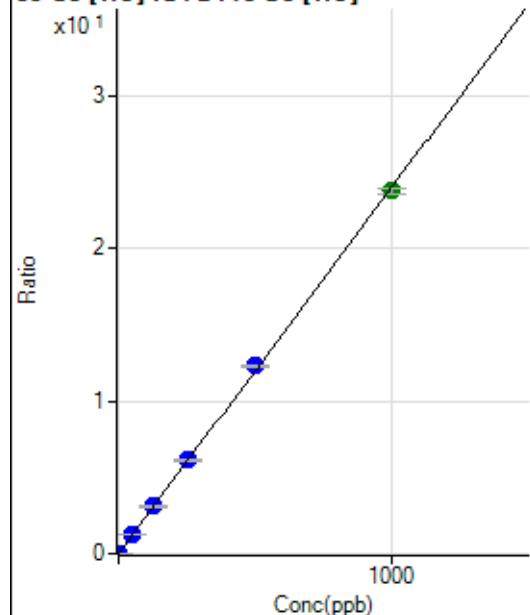
R = 0.9999

DL = 8.806

BEC = 6.736

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	432.23	0.0071	P	12.5
2	☐	0.100					
3	☐	1.000	0.739	1666.78	0.0248	P	5.9
4	☐	50.000	51.856	84759.80	1.2508	P	1.0
5	☐	125.000	128.549	204845.35	3.0902	P	2.2
6	☐	250.000	255.366	420769.97	6.1318	P	0.9
7	☐	500.000	513.473	839947.66	12.3223	P	0.6
8	☐	1000.000	991.386	1645250.48	23.7846	A	1.3
9	☐			18954.10	0.2781	P	0.8
10	☐						

$$y = 0.0240 * x + 0.0071$$

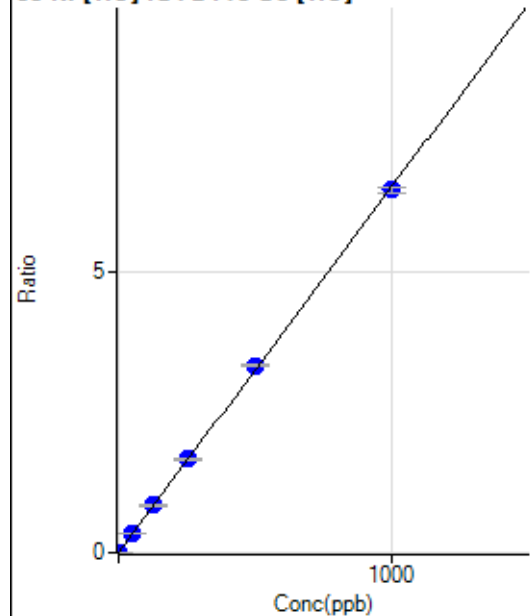
R = 0.9998

DL = 0.1107

BEC = 0.2941

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	108.89	0.0018	P	24.5
2	☐	0.100					
3	☐	1.000	0.807	474.46	0.0070	P	2.3
4	☐	50.000	52.085	23160.43	0.3417	P	0.5
5	☐	125.000	128.893	55902.74	0.8431	P	1.5
6	☐	250.000	255.001	114334.34	1.6662	P	0.8
7	☐	500.000	511.482	227694.45	3.3402	P	0.6
8	☐	1000.000	992.418	448194.37	6.4793	P	1.3
9	☐			5714.56	0.0838	P	1.7
10	☐						

$$y = 0.0065 * x + 0.0018$$

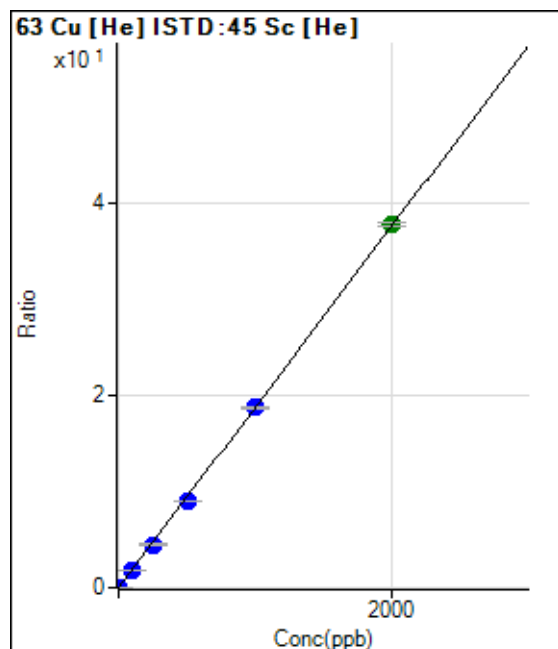
R = 0.9999

DL = 0.2005

BEC = 0.2728

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1077.83	0.0176	P	3.3
2	☐	0.200					
3	☐	2.000	1.608	3211.51	0.0477	P	2.5
4	☐	100.000	96.498	123700.78	1.8254	P	1.3
5	☐	250.000	238.220	297030.81	4.4805	P	1.3
6	☐	500.000	475.670	612747.59	8.9290	P	0.3
7	☐	1000.000	996.181	1273365.92	18.6806	P	0.4
8	☐	2000.000	2009.640	2605637.67	37.6672	A	1.0
9	☐			4191.78	0.0615	P	0.2
10	☐	10000.000					

$$y = 0.0187 * x + 0.0176$$

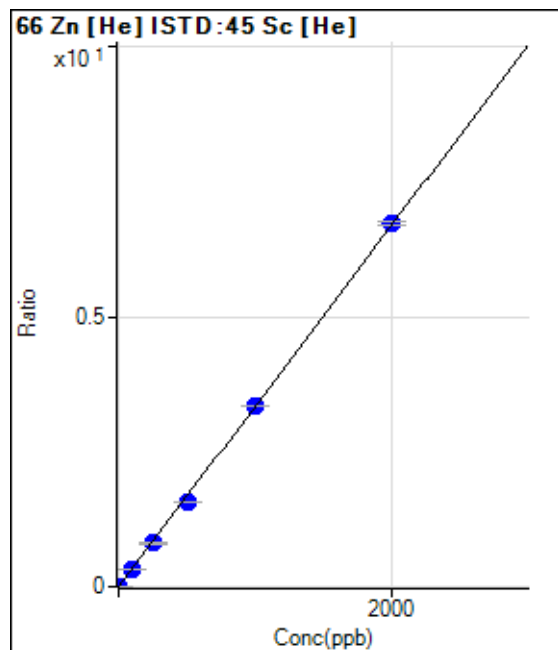
R = 0.9999

DL = 0.09328

BEC = 0.9386

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0019	P	24.7
2	☐	0.200					
3	☐	2.000	1.415	448.90	0.0067	P	8.3
4	☐	100.000	97.601	22226.75	0.3280	P	2.0
5	☐	250.000	239.263	53106.64	0.8013	P	2.5
6	☐	500.000	470.568	108009.35	1.5740	P	1.0
7	☐	1000.000	997.702	227339.94	3.3351	P	0.0
8	☐	2000.000	2009.970	464633.11	6.7169	P	0.9
9	☐			4038.41	0.0592	P	1.8
10	☐	10000.000					

$$y = 0.0033 * x + 0.0019$$

R = 0.9999

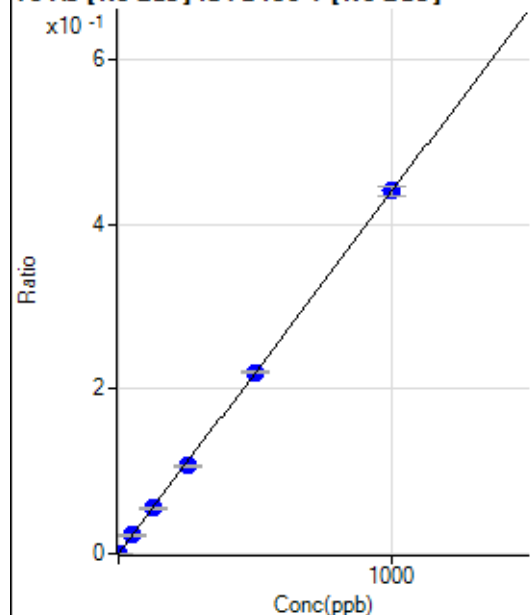
DL = 0.4318

BEC = 0.5816

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	296.97	0.0002	P	11.3
2	☐	0.100					
3	☐	1.000	0.656	757.48	0.0005	P	2.8
4	☐	50.000	50.172	33996.47	0.0222	P	1.8
5	☐	125.000	125.388	79998.17	0.0553	P	2.7
6	☐	250.000	242.666	168246.56	0.1068	P	1.2
7	☐	500.000	499.951	337762.67	0.2198	P	0.8
8	☐	1000.000	1001.801	670085.22	0.4403	P	2.6
9	☐			1348.12	0.0009	P	6.9
10	☐						

$$y = 4.3930E-004 * x + 2.0441E-004$$

R = 1.0000

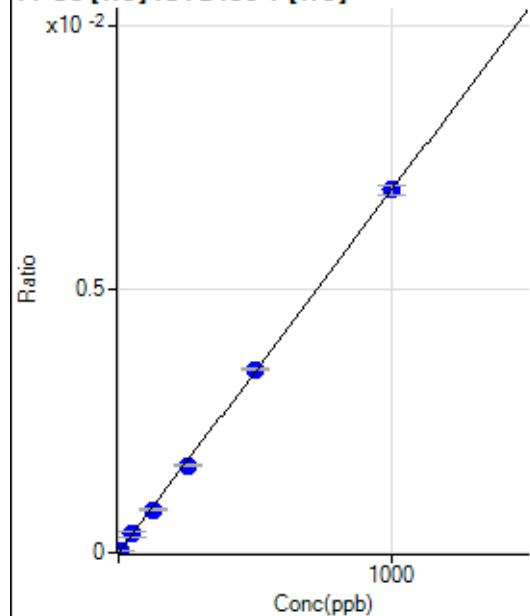
DL = 0.1581

BEC = 0.4653

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.004	17.78	0.0000	P	29.1
4	☐	50.000	50.810	151.12	0.0003	P	26.3
5	☐	125.000	119.242	345.56	0.0008	P	3.2
6	☐	250.000	240.892	718.91	0.0017	P	3.3
7	☐	500.000	504.423	1506.77	0.0035	P	1.0
8	☐	1000.000	1000.740	2975.91	0.0069	P	2.7
9	☐			0.00	0.0000	P	
10	☐						

$$y = 6.8749E-006 * x + 0.0000E+000$$

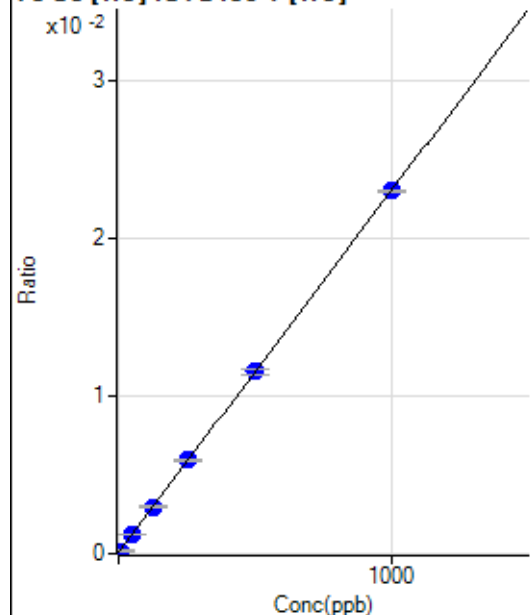
R = 0.9999

DL = 0

BEC = 0

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.67	0.0001	P	20.8
2	☐	0.500					
3	☐	5.000	4.638	78.01	0.0002	P	6.7
4	☐	50.000	49.540	523.73	0.0012	P	4.8
5	☐	125.000	125.285	1242.85	0.0029	P	3.3
6	☐	250.000	254.912	2570.17	0.0059	P	3.3
7	☐	500.000	499.156	5007.42	0.0115	P	2.9
8	☐	1000.000	999.183	9946.58	0.0230	P	0.3
9	☐			35.00	0.0001	P	17.4
10	☐						

$$y = 2.2937E-005 * x + 7.4567E-005$$

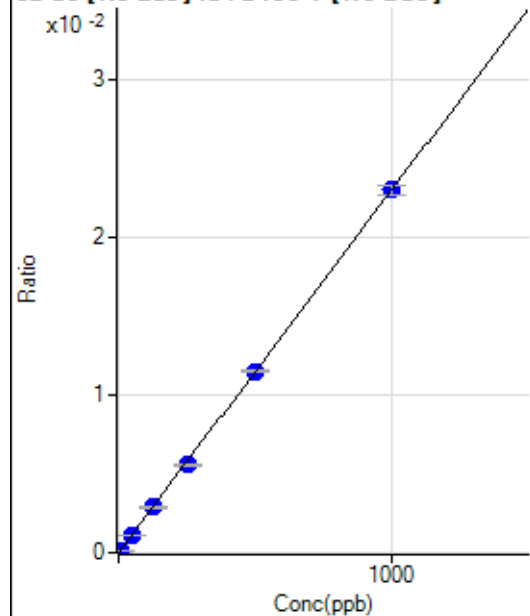
R = 1.0000

DL = 2.032

BEC = 3.251

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-38.77	0.0000	P	-115.7
2	☐	0.500					
3	☐	5.000	5.197	143.75	0.0001	P	32.4
4	☐	50.000	48.835	1679.23	0.0011	P	4.3
5	☐	125.000	125.963	4163.72	0.0029	P	2.3
6	☐	250.000	242.433	8756.89	0.0056	P	2.1
7	☐	500.000	500.897	17694.69	0.0115	P	1.3
8	☐	1000.000	1001.380	35079.58	0.0231	P	2.8
9	☐			-1.94	0.0000	P	-1298.
10	☐						

$$y = 2.3045E-005 * x - 2.6544E-005$$

R = 1.0000

DL = 3.998

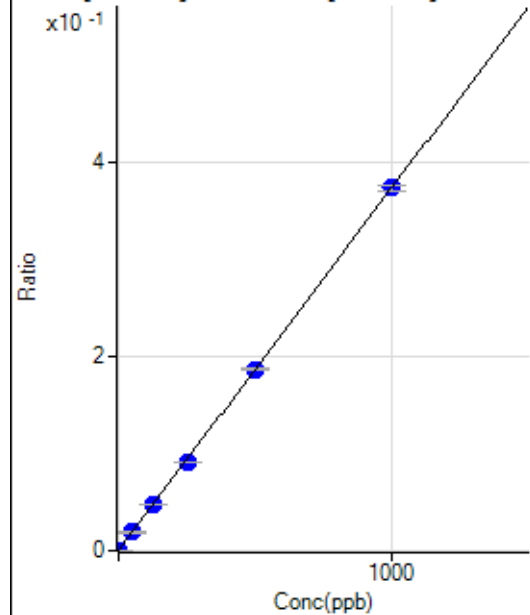
BEC = -1.152

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			273.34		P	8.5
2	☐						
3	☐			256.67		P	17.2
4	☐			260.01		P	10.0
5	☐			241.11		P	16.0
6	☐			288.89		P	12.9
7	☐			240.00		P	7.7
8	☐			236.67		P	7.5
9	☐			245.56		P	10.4
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.79	0.0003	P	15.2
2	☐	0.100					
3	☐	1.000	0.749	883.39	0.0006	P	8.1
4	☐	50.000	50.277	29120.57	0.0191	P	2.5
5	☐	125.000	127.413	69222.59	0.0478	P	2.9
6	☐	250.000	244.357	144083.32	0.0915	P	1.0
7	☐	500.000	500.736	287560.91	0.1872	P	1.4
8	☐	1000.000	1000.727	568863.38	0.3737	P	1.7
9	☐			2658.67	0.0017	P	5.8
10	☐						

$$y = 3.7318E-004 * x + 2.9456E-004$$

$$R = 1.0000$$

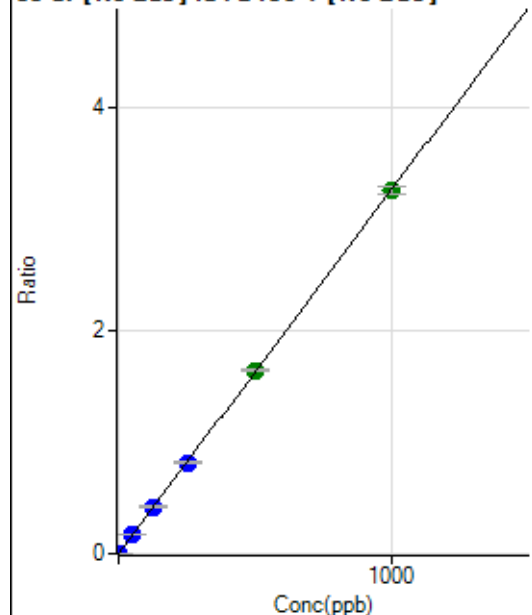
$$DL = 0.3597$$

$$BEC = 0.7893$$

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	30.55	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	0.916	4620.37	0.0030	P	2.9
4	☐	50.000	51.259	255381.60	0.1671	P	1.0
5	☐	125.000	129.331	610011.94	0.4215	P	2.2
6	☐	250.000	250.546	1286123.74	0.8166	P	1.4
7	☐	500.000	504.458	2526267.83	1.6442	A	0.6
8	☐	1000.000	997.030	4946434.31	3.2496	A	2.0
9	☐			20379.54	0.0133	P	1.3
10	☐						

$$y = 0.0033 * x + 2.0976E-005$$

R = 1.0000

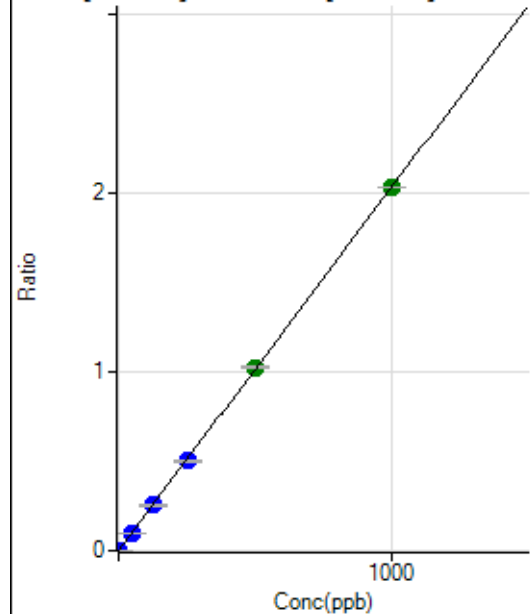
DL = 0.00278

BEC = 0.006436

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	0.920	3011.53	0.0020	P	4.5
4	☐	50.000	49.495	153653.05	0.1005	P	1.6
5	☐	125.000	124.846	366806.86	0.2535	P	1.5
6	☐	250.000	246.611	788397.78	0.5006	P	1.2
7	☐	500.000	504.810	1574264.94	1.0246	A	1.1
8	☐	1000.000	998.487	3085091.52	2.0265	A	0.1
9	☐			816.71	0.0005	P	7.0
10	☐						

$$y = 0.0020 * x + 8.9707E-005$$

R = 1.0000

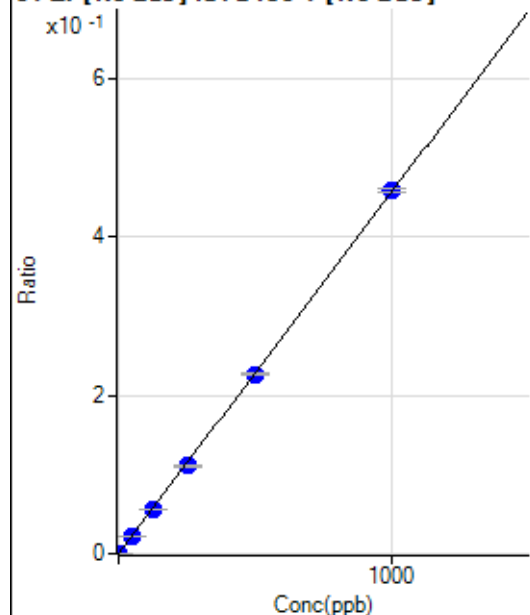
DL = 0.01642

BEC = 0.0442

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	25.4
2	☐	0.100					
3	☐	1.000	0.768	577.81	0.0004	P	1.9
4	☐	50.000	48.853	34134.95	0.0223	P	4.8
5	☐	125.000	122.602	81085.24	0.0560	P	2.3
6	☐	250.000	243.228	175049.21	0.1111	P	2.3
7	☐	500.000	496.878	348815.51	0.2270	P	0.3
8	☐	1000.000	1003.611	697980.35	0.4585	P	0.9
9	☐			119.45	0.0001	P	44.7
10	☐						

$$y = 4.5686E-004 * x + 2.4766E-005$$

R = 1.0000

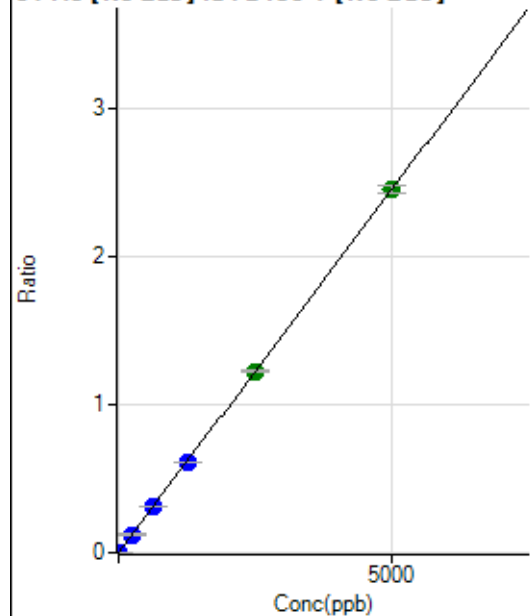
DL = 0.04138

BEC = 0.05421

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	122.23	0.0001	P	20.9
2	☐	1.000					
3	☐	10.000	4.586	3589.46	0.0023	P	4.4
4	☐	250.000	249.759	187534.06	0.1227	P	2.2
5	☐	625.000	631.347	448677.79	0.3101	P	2.1
6	☐	1250.000	1251.974	968302.09	0.6148	P	0.5
7	☐	2500.000	2496.585	1883517.40	1.2259	A	1.1
8	☐	5000.000	5000.444	3736865.23	2.4552	A	1.9
9	☐			1447.34	0.0009	P	7.7
10	☐						

$$y = 4.9098E-004 * x + 8.4066E-005$$

R = 1.0000

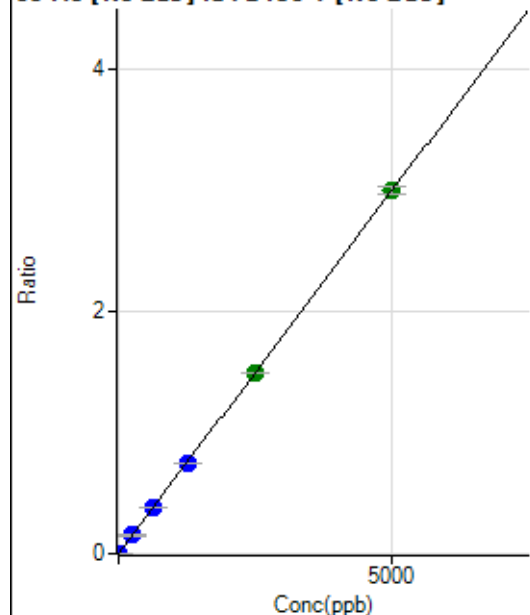
DL = 0.1074

BEC = 0.1712

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	97.22	0.0001	P	20.1
2	☐	1.000					
3	☐	10.000	4.840	4545.32	0.0030	P	6.3
4	☐	250.000	253.662	231675.95	0.1516	P	2.4
5	☐	625.000	638.203	551801.29	0.3813	P	1.9
6	☐	1250.000	1255.553	1181446.77	0.7501	P	0.6
7	☐	2500.000	2485.344	2281288.64	1.4848	A	0.2
8	☐	5000.000	5004.117	4549952.79	2.9894	A	2.0
9	☐			2072.44	0.0014	P	6.6
10	☐						

$$y = 5.9738\text{E-}004 * x + 6.6702\text{E-}005$$

$$R = 1.0000$$

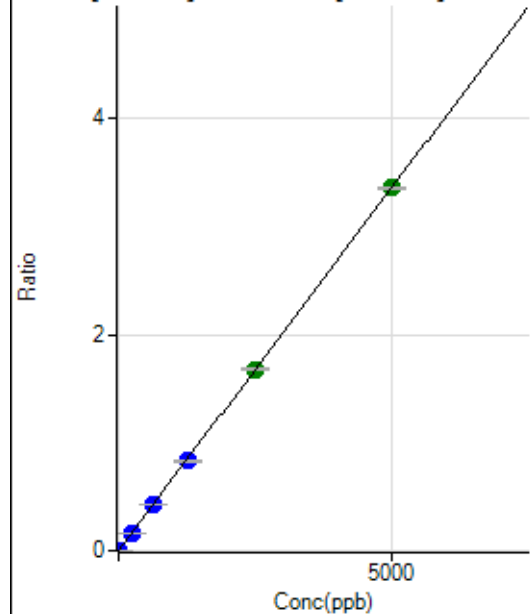
$$DL = 0.06744$$

$$BEC = 0.1117$$

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	158.34	0.0001	P	6.8
2	☐	1.000					
3	☐	10.000	4.765	5084.42	0.0033	P	2.0
4	☐	250.000	249.994	256638.13	0.1679	P	1.0
5	☐	625.000	630.833	612894.11	0.4235	P	2.1
6	☐	1250.000	1234.660	1305414.59	0.8288	P	0.9
7	☐	2500.000	2501.011	2579529.87	1.6788	A	1.1
8	☐	5000.000	5002.611	5111593.78	3.3580	A	0.8
9	☐			2522.53	0.0017	P	2.5
10	☐						

$$y = 6.7122\text{E-}004 * x + 1.0894\text{E-}004$$

$$R = 1.0000$$

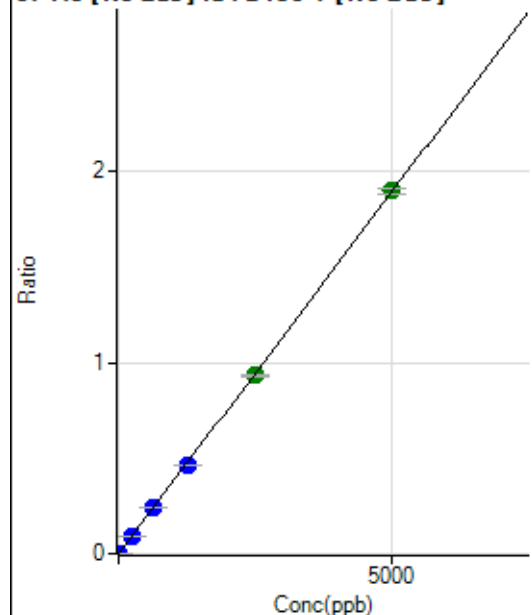
$$DL = 0.03321$$

$$BEC = 0.1623$$

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	180.56	0.0001	P	30.9
2	☐	1.000					
3	☐	10.000	5.045	3125.45	0.0020	P	1.5
4	☐	250.000	248.449	143758.78	0.0941	P	2.1
5	☐	625.000	631.783	345898.21	0.2390	P	1.4
6	☐	1250.000	1220.901	727336.58	0.4618	P	0.2
7	☐	2500.000	2465.662	1432675.13	0.9324	A	1.5
8	☐	5000.000	5023.683	2891736.37	1.8997	A	1.8
9	☐			1366.77	0.0009	P	5.8
10	☐						

$$y = 3.7812\text{E-}004 * x + 1.2422\text{E-}004$$

R = 0.9999

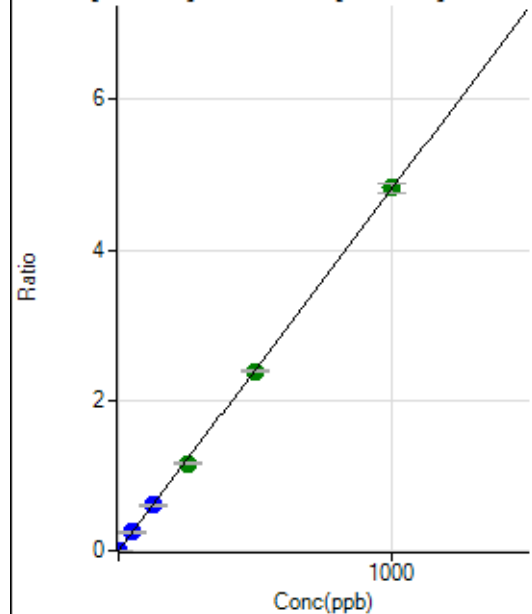
DL = 0.3046

BEC = 0.3285

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	186.12	0.0001	P	25.6
2	☐	0.100					
3	☐	1.000	0.929	7063.12	0.0046	P	5.5
4	☐	50.000	50.601	372117.40	0.2435	P	2.6
5	☐	125.000	126.254	878903.40	0.6074	P	2.5
6	☐	250.000	241.679	1831022.35	1.1626	A	1.5
7	☐	500.000	496.699	3671030.38	2.3893	A	0.5
8	☐	1000.000	1003.544	7346453.55	4.8272	A	2.9
9	☐			3194.90	0.0021	P	2.0
10	☐						

$$y = 0.0048 * x + 1.2762\text{E-}004$$

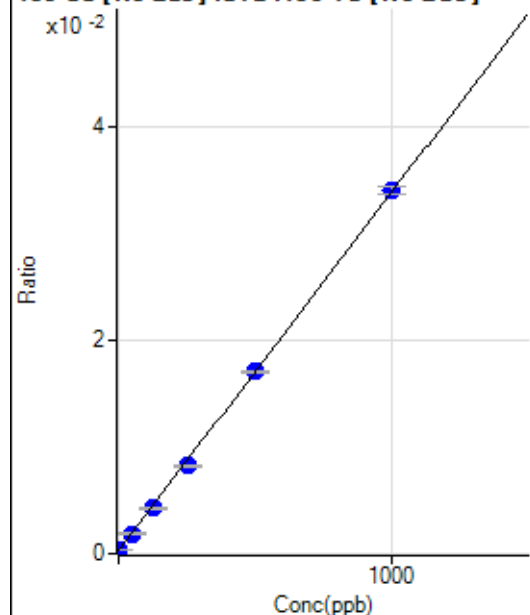
R = 0.9999

DL = 0.02037

BEC = 0.02653

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	469.46	0.0003	P	7.4
2	☐	0.100					
3	☐	1.000	1.805	591.70	0.0003	P	6.9
4	☐	50.000	46.779	3086.55	0.0019	P	10.0
5	☐	125.000	119.542	6954.76	0.0043	P	3.1
6	☐	250.000	236.588	14252.30	0.0082	P	1.4
7	☐	500.000	499.361	29215.53	0.0171	P	1.7
8	☐	1000.000	1004.515	57520.15	0.0340	P	2.1
9	☐			433.36	0.0003	P	8.9
10	☐						

$$y = 3.3585E-005 * x + 2.8828E-004$$

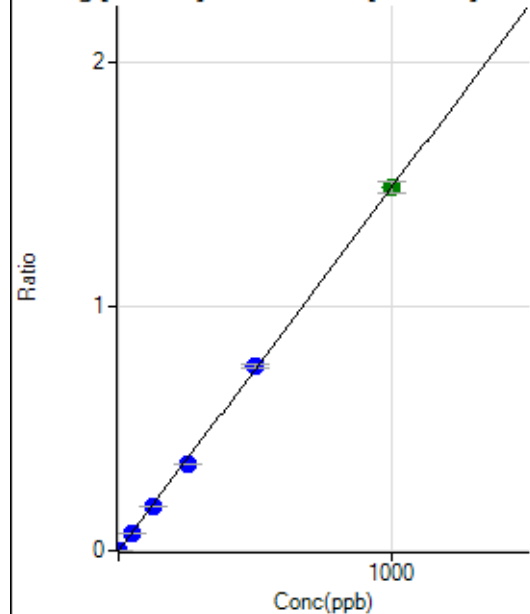
R = 0.9999

DL = 1.897

BEC = 8.583

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	61.11	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	0.925	2391.95	0.0014	P	11.5
4	☐	50.000	49.328	121653.04	0.0733	P	1.6
5	☐	125.000	120.801	290156.36	0.1795	P	1.1
6	☐	250.000	237.698	611279.41	0.3532	P	0.7
7	☐	500.000	507.951	1292365.20	0.7548	P	1.8
8	☐	1000.000	999.659	2510416.96	1.4854	A	3.1
9	☐			1294.55	0.0008	P	22.9
10	☐						

$$y = 0.0015 * x + 3.7497E-005$$

R = 0.9999

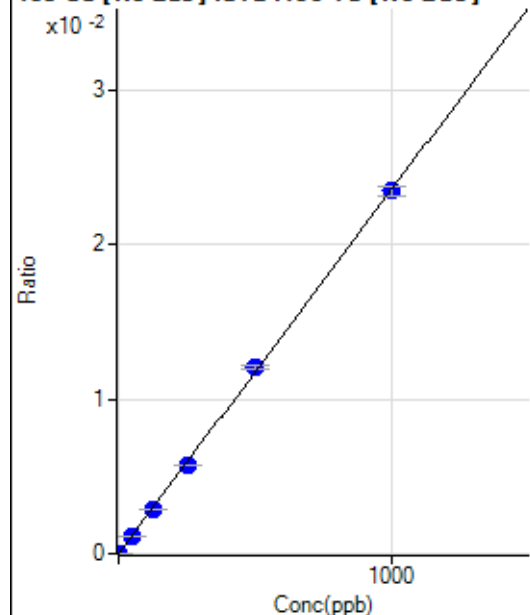
DL = 0.01532

BEC = 0.02524

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	8.33	0.0000	P	132.7
2	☐	0.100					
3	☐	1.000	0.998	48.61	0.0000	P	31.7
4	☐	50.000	48.244	1893.21	0.0011	P	2.2
5	☐	125.000	122.145	4657.80	0.0029	P	2.2
6	☐	250.000	243.542	9935.73	0.0057	P	0.5
7	☐	500.000	510.102	20578.32	0.0120	P	2.0
8	☐	1000.000	997.008	39695.86	0.0235	P	2.8
9	☐			12.50	0.0000	P	0.6
10	☐						

$$y = 2.3551\text{E-}005 * x + 5.1363\text{E-}006$$

$$R = 0.9999$$

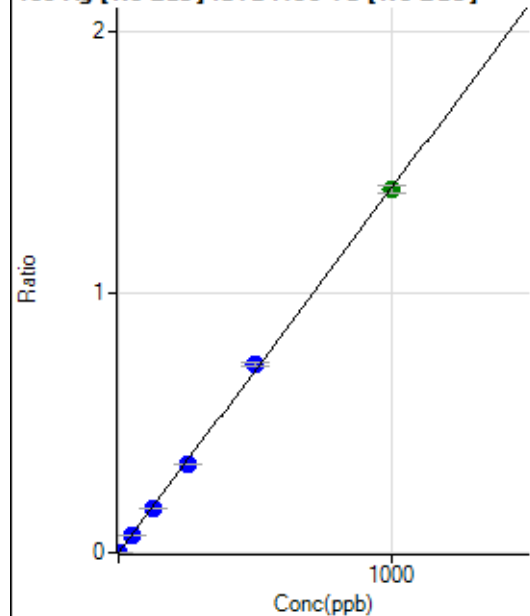
$$DL = 0.8681$$

$$BEC = 0.2181$$

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	30.56	0.0000	P	56.1
2	☐	0.100					
3	☐	1.000	0.902	2172.47	0.0013	P	5.4
4	☐	50.000	49.344	114604.31	0.0691	P	2.2
5	☐	125.000	123.013	278344.88	0.1722	P	0.8
6	☐	250.000	241.979	586162.20	0.3387	P	1.5
7	☐	500.000	514.480	1233078.57	0.7202	P	2.1
8	☐	1000.000	995.047	2354541.91	1.3929	A	2.2
9	☐			1255.65	0.0007	P	16.2
10	☐						

$$y = 0.0014 * x + 1.8714\text{E-}005$$

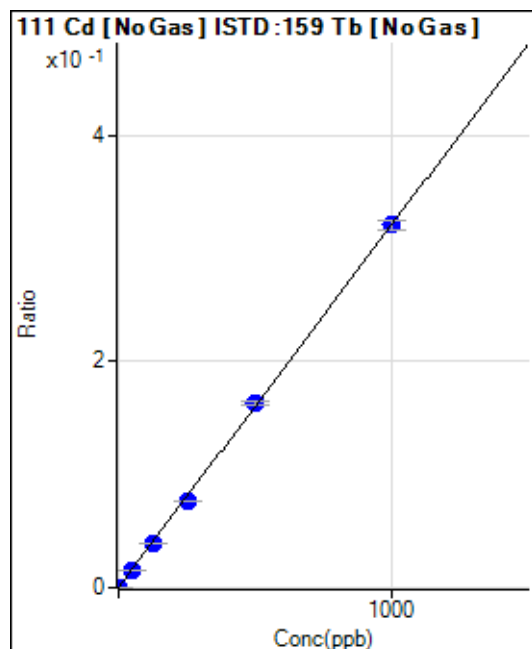
$$R = 0.9998$$

$$DL = 0.02249$$

$$BEC = 0.01337$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	385.29	0.0002	P	4.4
2	☐	0.100					
3	☐	1.000	0.861	869.06	0.0005	P	7.3
4	☐	50.000	48.415	26138.35	0.0158	P	1.8
5	☐	125.000	119.783	62431.51	0.0386	P	1.4
6	☐	250.000	237.993	132417.76	0.0765	P	0.9
7	☐	500.000	506.684	278480.59	0.1626	P	1.9
8	☐	1000.000	1000.391	542323.26	0.3209	P	2.9
9	☐			354.32	0.0002	P	2.7
10	☐						

$$y = 3.2053\text{E-}004 * x + 2.3661\text{E-}004$$

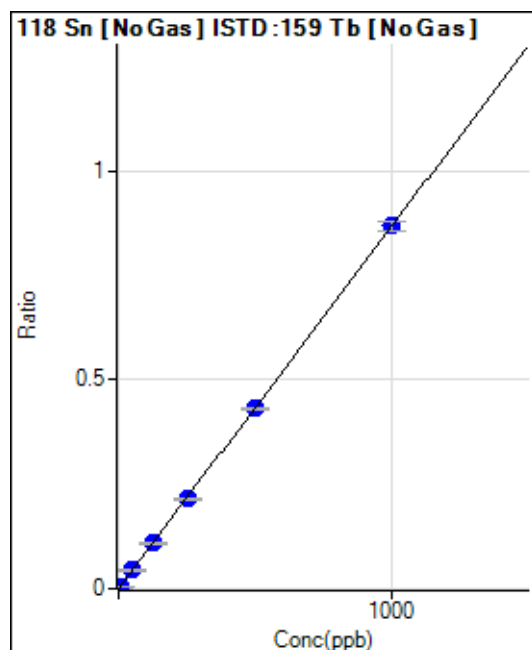
$$R = 0.9999$$

$$DL = 0.09718$$

$$BEC = 0.7382$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0001	P	14.6
2	☐	0.500					
3	☐	5.000	4.694	7024.29	0.0041	P	5.7
4	☐	50.000	50.413	72627.47	0.0438	P	1.7
5	☐	125.000	124.768	174957.90	0.1082	P	0.5
6	☐	250.000	247.096	370847.77	0.2143	P	1.4
7	☐	500.000	497.812	739180.45	0.4317	P	1.2
8	☐	1000.000	1001.830	1468119.24	0.8687	P	2.9
9	☐			933.39	0.0006	P	6.2
10	☐						

$$y = 8.6701\text{E-}004 * x + 7.3346\text{E-}005$$

$$R = 1.0000$$

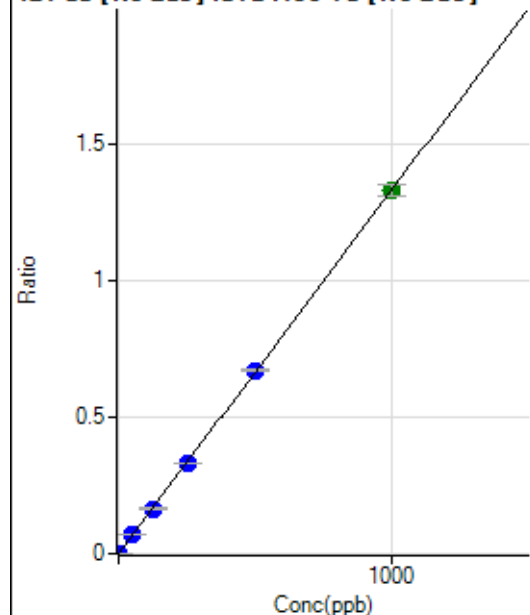
$$DL = 0.03711$$

$$BEC = 0.0846$$

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	25.00	0.0000	P	32.7
2	☐	0.200					
3	☐	2.000	1.709	3884.01	0.0023	P	1.2
4	☐	50.000	51.125	112954.88	0.0681	P	0.5
5	☐	125.000	124.259	267413.03	0.1655	P	1.0
6	☐	250.000	248.021	571467.64	0.3302	P	1.4
7	☐	500.000	504.396	1149985.57	0.6716	P	1.4
8	☐	1000.000	998.334	2246530.06	1.3292	A	3.0
9	☐			2669.78	0.0016	P	5.8
10	☐						

$$y = 0.0013 * x + 1.5327E-005$$

R = 1.0000

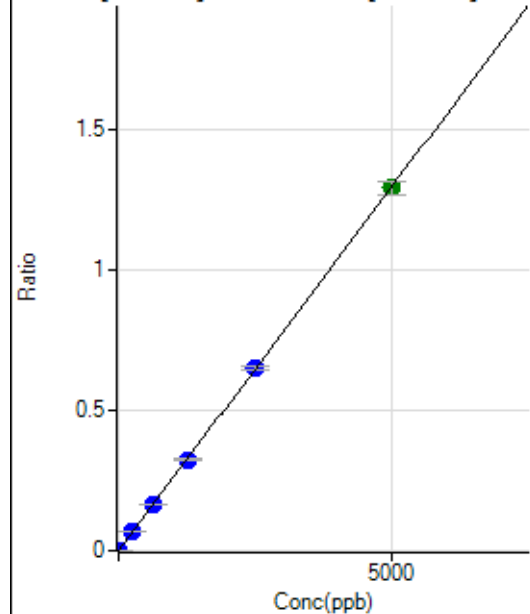
DL = 0.01128

BEC = 0.01151

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	119.45	0.0001	P	16.3
2	☐	1.000					
3	☐	10.000	9.090	4106.31	0.0024	P	3.1
4	☐	250.000	254.236	109141.18	0.0658	P	0.6
5	☐	625.000	628.502	262667.60	0.1625	P	1.1
6	☐	1250.000	1255.832	561832.58	0.3247	P	1.4
7	☐	2500.000	2515.212	1113258.72	0.6502	P	2.2
8	☐	5000.000	4990.288	2179849.94	1.2900	A	3.6
9	☐			286.12	0.0002	P	25.8
10	☐						

$$y = 2.5848E-004 * x + 7.3354E-005$$

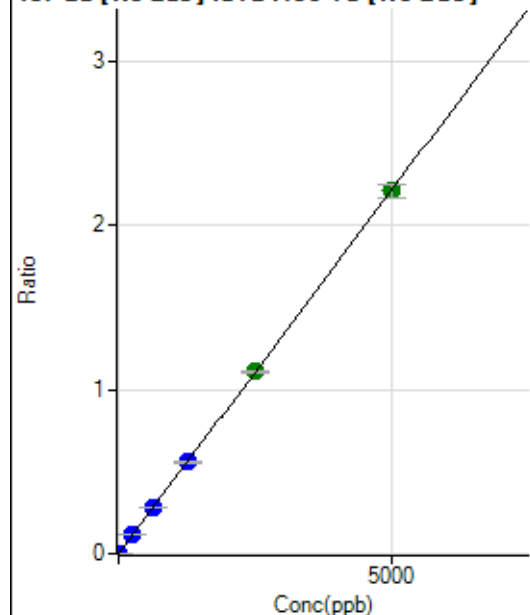
R = 1.0000

DL = 0.1383

BEC = 0.2838

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	216.67	0.0001	P	23.5
2	☐	1.000					
3	☐	10.000	9.266	7179.97	0.0042	P	4.6
4	☐	250.000	259.484	190813.08	0.1150	P	0.7
5	☐	625.000	634.505	454247.99	0.2811	P	0.2
6	☐	1250.000	1258.485	964360.72	0.5573	P	1.9
7	☐	2500.000	2509.072	1902487.04	1.1110	A	0.8
8	☐	5000.000	4991.682	3734638.93	2.2102	A	4.0
9	☐			500.02	0.0003	P	6.6
10	☐						

$$y = 4.4274E-004 * x + 1.3291E-004$$

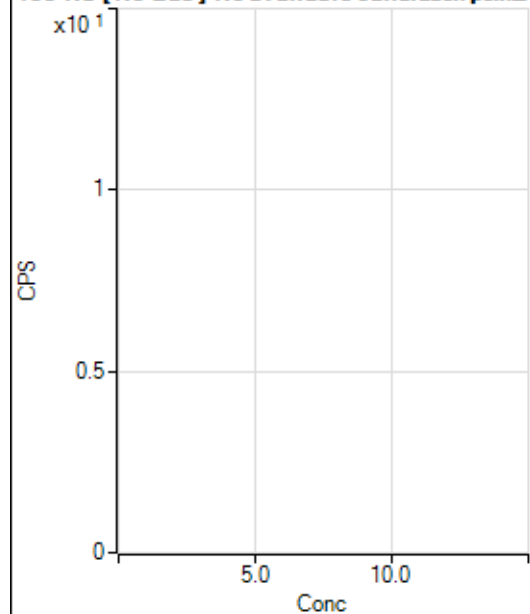
R = 1.0000

DL = 0.2113

BEC = 0.3002

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.89		P	86.6
4	☐			8.89		P	114.5
5	☐			8.89		P	43.3
6	☐			22.22		P	75.5
7	☐			64.44		P	21.5
8	☐			106.67		P	27.2
9	☐			33.33		P	20.0
10	☐						

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			5.55		P	69.3
6	☐			2.22		P	86.6
7	☐			12.22		P	56.8
8	☐			14.44		P	13.4
9	☐			32.22		P	36.3
10	☐						

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			8.33		P	173.2
4	☐			2.78		P	173.2
5	☐			5.56		P	173.2
6	☐			13.89		P	91.6
7	☐			5.56		P	173.2
8	☐			30.55		P	68.6
9	☐			13.89		P	34.7
10	☐						

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			4.44		P	114.6
6	☐			1.11		P	173.2
7	☐			7.78		P	65.5
8	☐			16.67		P	52.9
9	☐			20.00		P	0.0
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			19.45		P	24.7
4	☐			19.45		P	24.7
5	☐			16.67		P	50.0
6	☐			19.44		P	65.5
7	☐			19.45		P	24.7
8	☐			25.00		P	33.3
9	☐			22.22		P	108.3
10	☐						

160 Gd [He] No available calibration points

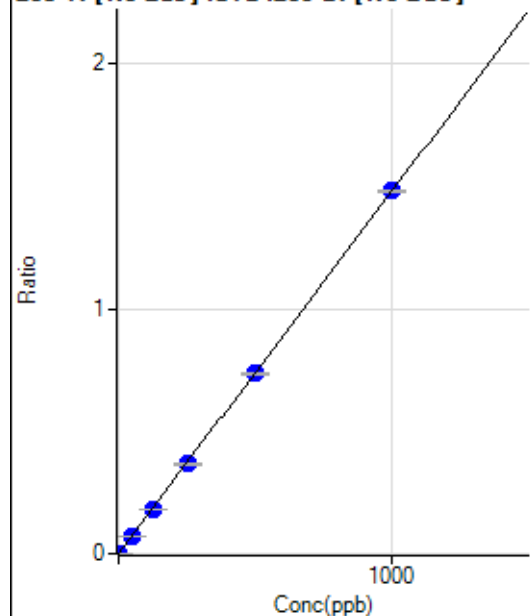
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			6.67		P	86.6
4	☐			15.56		P	65.5
5	☐			12.22		P	15.7
6	☐			10.00		P	57.7
7	☐			11.11		P	96.4
8	☐			15.56		P	32.7
9	☐			22.22		P	22.9
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.56		P	173.2
4	☐			8.33		P	0.0
5	☐			5.55		P	86.6
6	☐			16.67		P	50.0
7	☐			0.00		P	
8	☐			11.11		P	114.6
9	☐			13.89		P	91.6
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			4.44		P	43.4
4	☐			2.22		P	86.6
5	☐			7.78		P	65.5
6	☐			4.44		P	43.4
7	☐			7.78		P	89.2
8	☐			5.56		P	34.7
9	☐			15.56		P	32.7
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.56	0.0002	P	11.3
2	☐	0.100					
3	☐	1.000	0.784	1441.79	0.0014	P	7.3
4	☐	50.000	49.567	75121.50	0.0735	P	1.5
5	☐	125.000	122.645	178997.73	0.1816	P	0.7
6	☐	250.000	247.271	382423.40	0.3659	P	1.7
7	☐	500.000	497.350	759697.90	0.7357	P	1.2
8	☐	1000.000	1002.323	1505851.62	1.4825	P	0.8
9	☐			291.68	0.0003	P	8.6
10	☐						

$$y = 0.0015 * x + 2.3084E-004$$

$$R = 1.0000$$

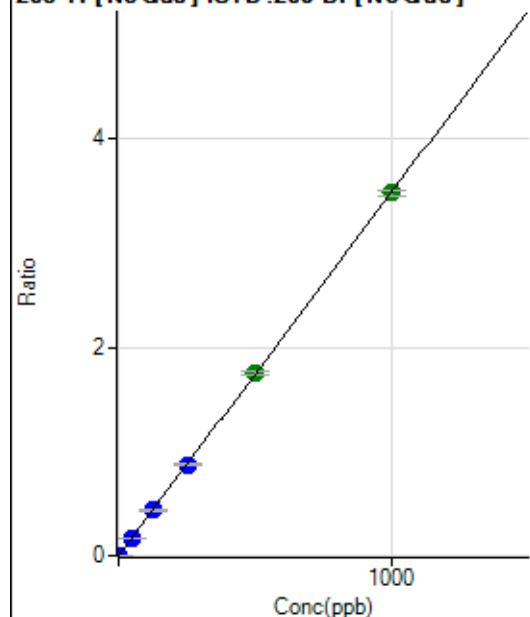
$$DL = 0.05312$$

$$BEC = 0.1561$$

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	550.03	0.0006	P	16.7
2	☐	0.100					
3	☐	1.000	0.798	3458.90	0.0033	P	2.8
4	☐	50.000	49.514	176999.69	0.1733	P	0.8
5	☐	125.000	124.445	428371.34	0.4346	P	1.6
6	☐	250.000	250.033	912069.03	0.8727	P	1.1
7	☐	500.000	503.334	1813394.66	1.7562	A	2.7
8	☐	1000.000	998.419	3537065.75	3.4830	A	1.9
9	☐			708.38	0.0007	P	8.0
10	☐						

$$y = 0.0035 * x + 5.5103E-004$$

R = 1.0000

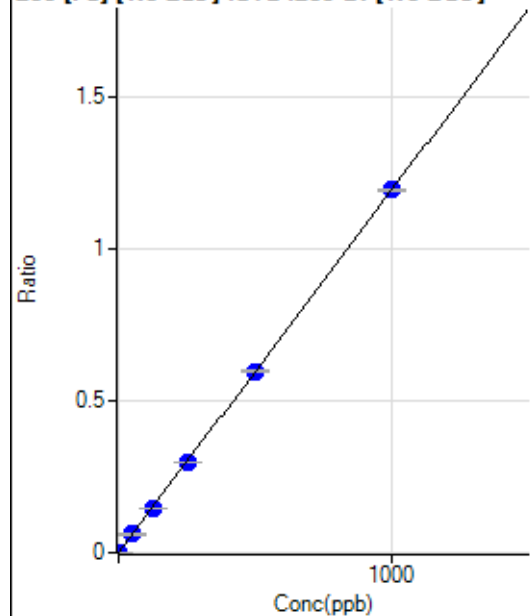
DL = 0.07928

BEC = 0.158

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	494.47	0.0005	P	7.3
2	☐	0.100					
3	☐	1.000	0.758	1451.96	0.0014	P	5.6
4	☐	50.000	50.161	61639.50	0.0603	P	1.3
5	☐	125.000	122.541	144574.69	0.1467	P	0.8
6	☐	250.000	247.517	309148.51	0.2958	P	0.4
7	☐	500.000	499.233	615484.52	0.5961	P	0.8
8	☐	1000.000	1001.304	1213708.58	1.1950	P	0.9
9	☐			2754.06	0.0028	P	3.5
10	☐	10000.000					

$$y = 0.0012 * x + 4.9526E-004$$

R = 1.0000

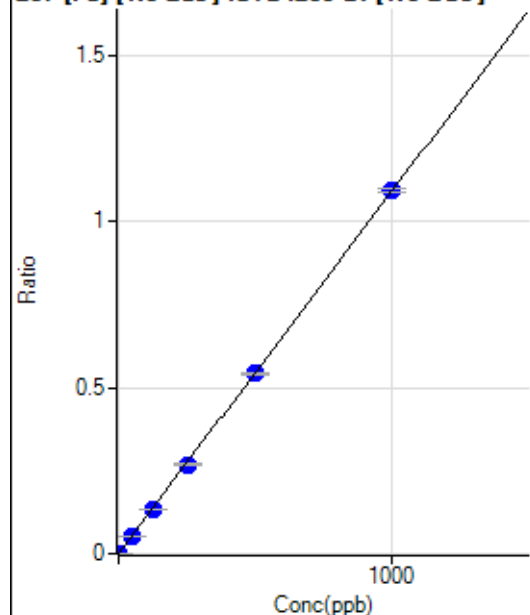
DL = 0.09037

BEC = 0.4151

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	390.75	0.0004	P	4.5
2	☐	0.100					
3	☐	1.000	0.813	1324.16	0.0013	P	6.8
4	☐	50.000	49.361	55355.29	0.0542	P	0.8
5	☐	125.000	121.406	130780.06	0.1327	P	1.1
6	☐	250.000	246.470	281124.32	0.2690	P	0.8
7	☐	500.000	497.237	559897.68	0.5422	P	0.5
8	☐	1000.000	1002.745	1110136.87	1.0931	P	1.2
9	☐			2233.57	0.0023	P	7.1
10	☐	10000.000					

$$y = 0.0011 * x + 3.9125E-004$$

R = 1.0000

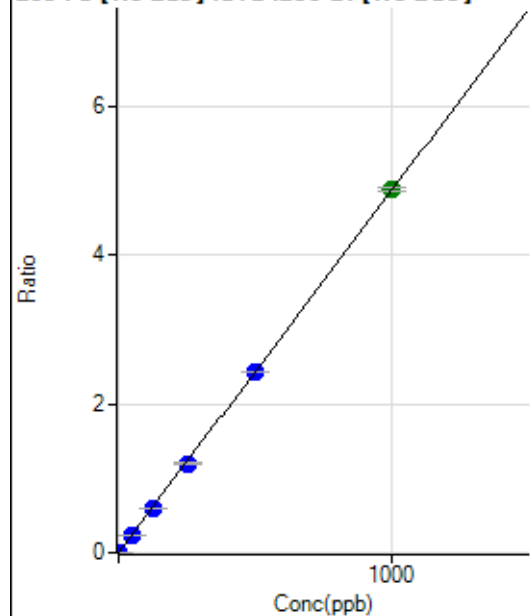
DL = 0.04862

BEC = 0.359

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	1876.02	0.0019	P	3.5
2	☐	0.100					
3	☐	1.000	0.752	5745.06	0.0055	P	0.3
4	☐	50.000	49.244	246954.90	0.2417	P	0.4
5	☐	125.000	121.465	584937.39	0.5935	P	0.8
6	☐	250.000	246.609	1257334.56	1.2030	P	0.8
7	☐	500.000	498.614	2509542.77	2.4304	P	0.6
8	☐	1000.000	1002.020	4958412.64	4.8822	A	1.1
9	☐			10437.04	0.0105	P	3.5
10	☐	10000.000					

$$y = 0.0049 * x + 0.0019$$

R = 1.0000

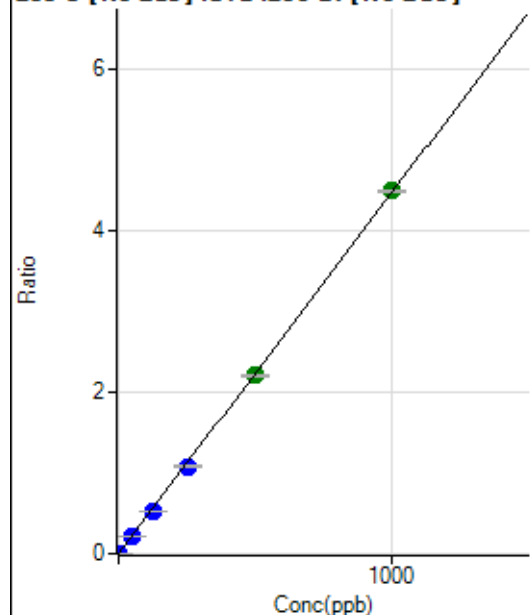
DL = 0.04038

BEC = 0.3857

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	1025.07	0.0010	P	14.2
2	☐	0.100					
3	☐	1.000	0.741	4498.19	0.0043	P	8.5
4	☐	50.000	47.127	216184.78	0.2116	P	1.0
5	☐	125.000	118.678	523695.81	0.5313	P	1.4
6	☐	250.000	242.246	1132472.79	1.0835	P	0.4
7	☐	500.000	493.826	2279628.53	2.2077	A	0.4
8	☐	1000.000	1005.959	4566488.60	4.4961	A	0.8
9	☐			194.45	0.0002	P	23.6
10	☐						

$$y = 0.0045 * x + 0.0010$$

$$R = 0.9999$$

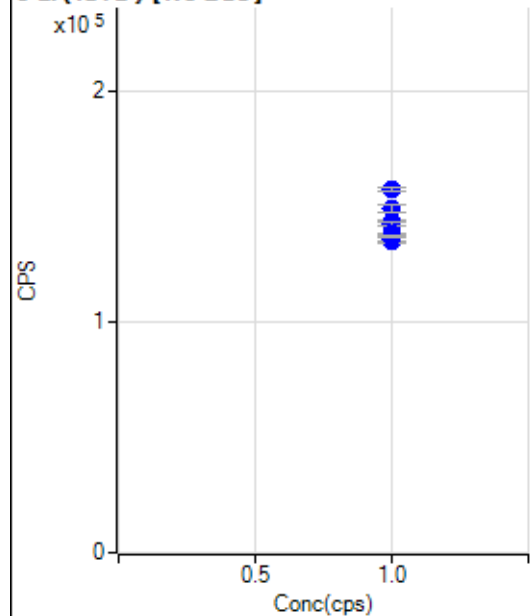
$$DL = 0.0982$$

$$BEC = 0.2298$$

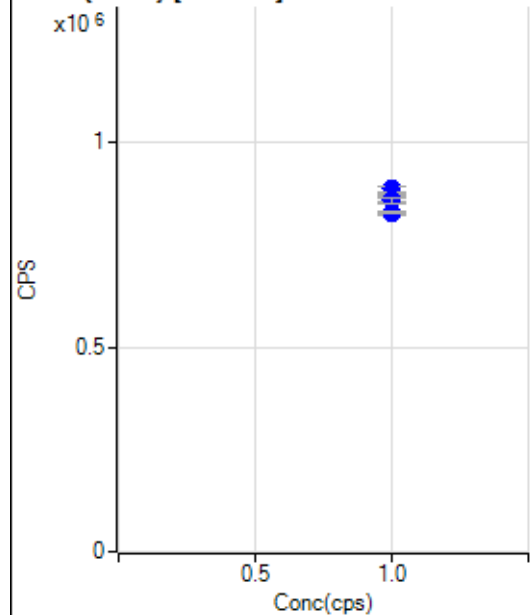
Weight: <None>

Min Conc: 0

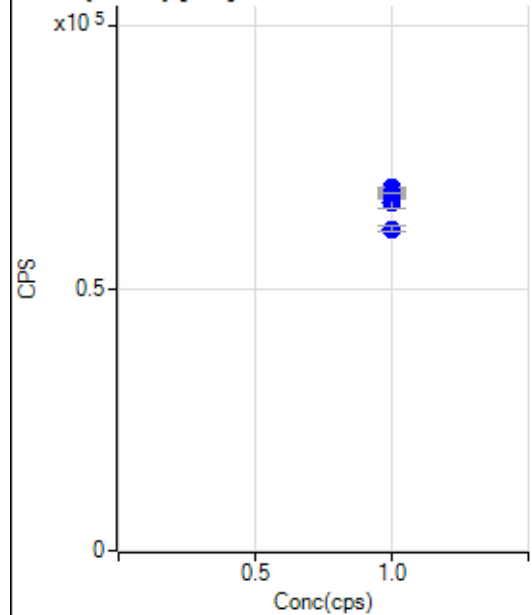
6 Li (ISTD) [No Gas]



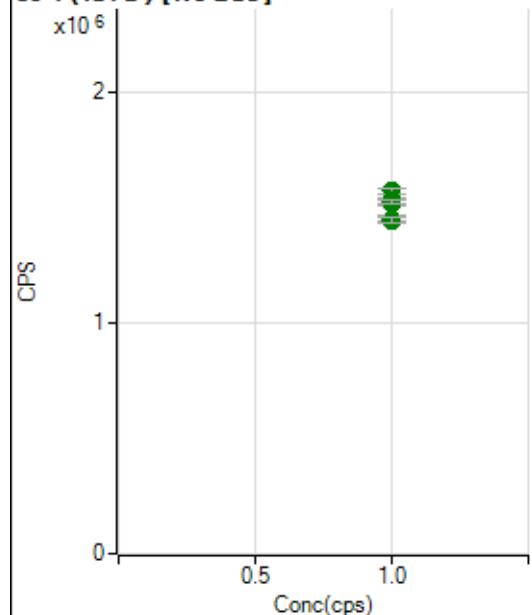
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		157270.20		P	1.0
2	☐	1.000					
3	☐	1.000		149310.83		P	2.2
4	☐	1.000		143140.20		P	1.5
5	☐	1.000		135994.97		P	0.9
6	☐	1.000		142679.92		P	1.1
7	☐	1.000		138198.92		P	0.4
8	☐	1.000		134833.48		P	0.9
9	☐	1.000		136806.16		P	0.5
10	☐	1.000					

45 Sc (ISTD) [No Gas]

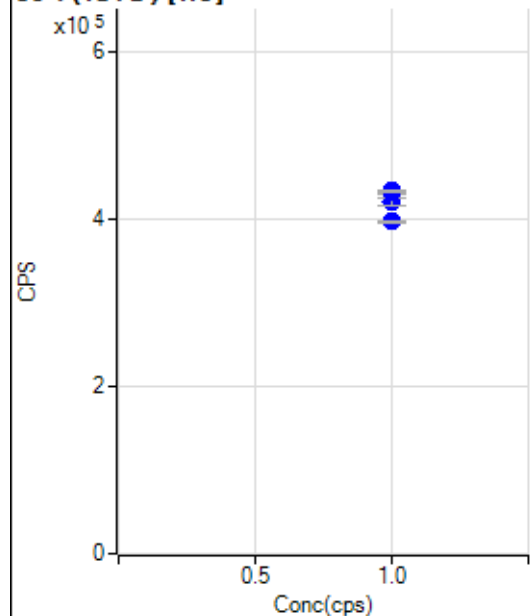
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		827415.27		P	0.9
2	☐	1.000					
3	☐	1.000		871371.64		P	0.6
4	☐	1.000		873784.28		P	1.1
5	☐	1.000		830087.22		P	0.8
6	☐	1.000		887784.50		P	1.7
7	☐	1.000		878173.60		P	0.7
8	☐	1.000		860407.76		P	1.1
9	☐	1.000		858789.97		P	1.3
10	☐	1.000					

45 Sc (ISTD) [He]

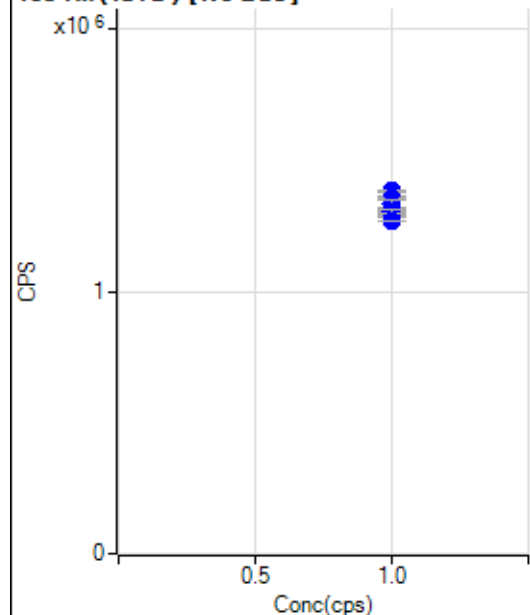
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		61314.07		P	1.6
2	☐	1.000					
3	☐	1.000		67316.68		P	0.9
4	☐	1.000		67770.08		P	1.0
5	☐	1.000		66312.16		P	3.2
6	☐	1.000		68625.23		P	1.2
7	☐	1.000		68166.45		P	0.7
8	☐	1.000		69176.92		P	0.7
9	☐	1.000		68165.27		P	0.2
10	☐	1.000					

89 Y (ISTD) [No Gas]

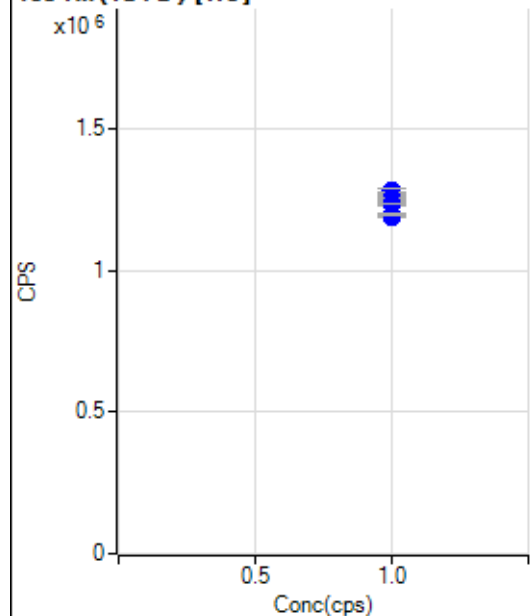
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1454531.00		A	1.6
2	☐	1.000					
3	☐	1.000		1537838.34		A	2.7
4	☐	1.000		1528620.83		A	2.1
5	☐	1.000		1447480.92		A	2.1
6	☐	1.000		1575132.86		A	1.6
7	☐	1.000		1536458.10		A	0.3
8	☐	1.000		1522381.37		A	1.9
9	☐	1.000		1527619.45		A	1.4
10	☐	1.000					

89 Y (ISTD) [He]

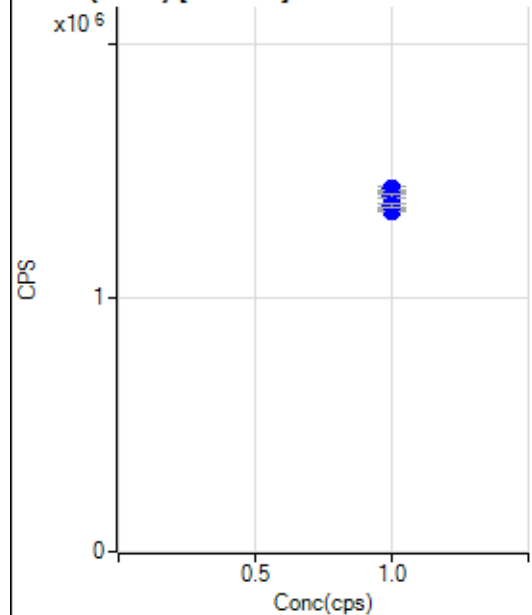
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		398036.84		P	0.6
2	☐	1.000					
3	☐	1.000		431048.76		P	0.5
4	☐	1.000		432568.99		P	0.5
5	☐	1.000		421354.10		P	2.3
6	☐	1.000		434079.99		P	0.4
7	☐	1.000		434506.06		P	0.4
8	☐	1.000		432593.79		P	0.6
9	☐	1.000		433523.60		P	0.7
10	☐	1.000					

103 Rh (ISTD) [No Gas]

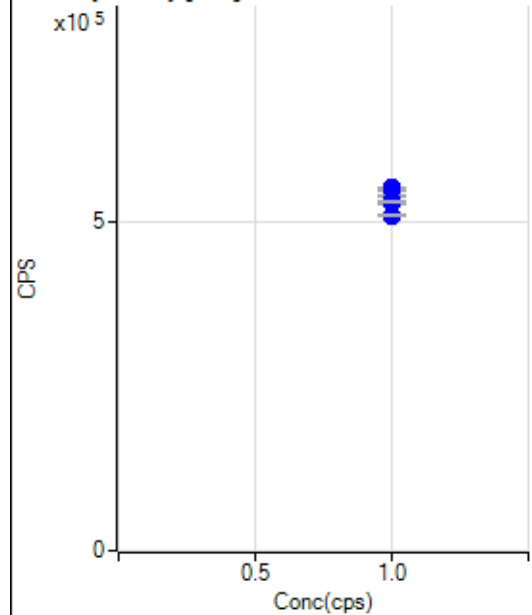
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1304763.81		P	0.6
2	☐	1.000					
3	☐	1.000		1382451.93		P	0.4
4	☐	1.000		1353060.43		P	0.9
5	☐	1.000		1287052.48		P	0.6
6	☐	1.000		1353697.64		P	0.3
7	☐	1.000		1333736.31		P	2.1
8	☐	1.000		1303902.21		P	1.2
9	☐	1.000		1266200.97		P	0.2
10	☐	1.000					

103 Rh (ISTD) [He]

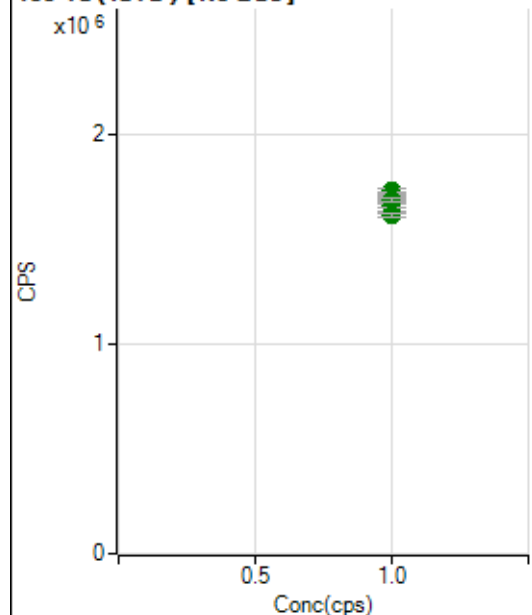
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1190742.44		P	0.8
2	☐	1.000					
3	☐	1.000		1274181.96		P	0.9
4	☐	1.000		1281055.45		P	0.9
5	☐	1.000		1236385.42		P	1.5
6	☐	1.000		1259332.03		P	0.8
7	☐	1.000		1252917.58		P	0.6
8	☐	1.000		1236354.46		P	0.3
9	☐	1.000		1196963.97		P	0.8
10	☐	1.000					

115 In (ISTD) [No Gas]

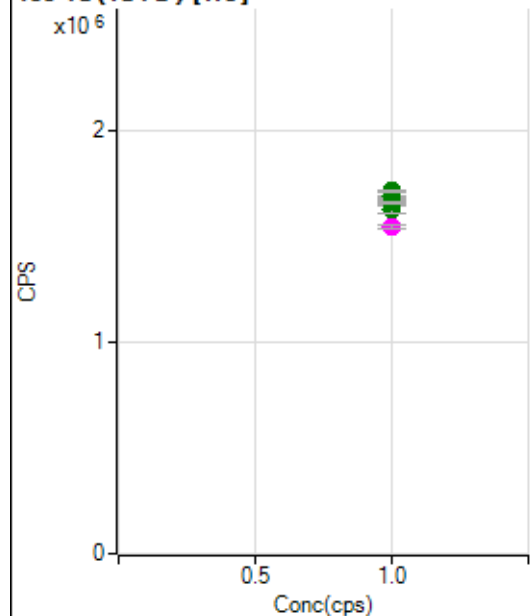
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1372323.28		P	0.4
2	☐	1.000					
3	☐	1.000		1429468.72		P	1.5
4	☐	1.000		1415606.46		P	0.9
5	☐	1.000		1343810.13		P	0.2
6	☐	1.000		1422181.35		P	0.3
7	☐	1.000		1401617.15		P	0.7
8	☐	1.000		1365915.22		P	1.0
9	☐	1.000		1364777.60		P	1.0
10	☐	1.000					

115 In (ISTD) [He]

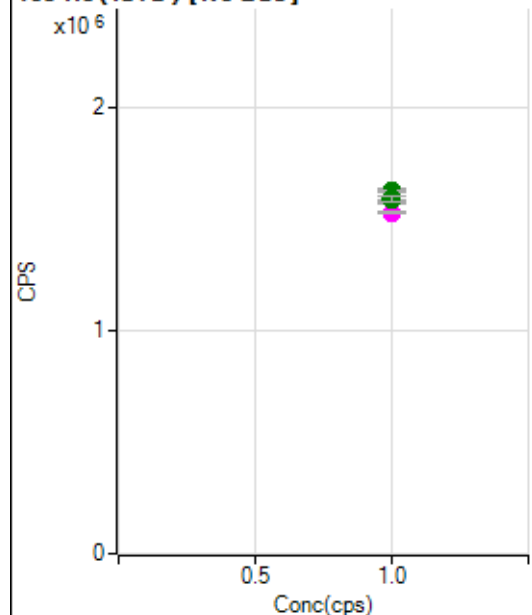
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		510315.23		P	0.7
2	☐	1.000					
3	☐	1.000		547817.43		P	0.7
4	☐	1.000		551991.25		P	0.3
5	☐	1.000		533045.44		P	2.0
6	☐	1.000		546908.75		P	0.1
7	☐	1.000		540377.75		P	0.6
8	☐	1.000		531373.96		P	0.5
9	☐	1.000		530289.49		P	0.7
10	☐	1.000					

159 Tb (ISTD) [No Gas]

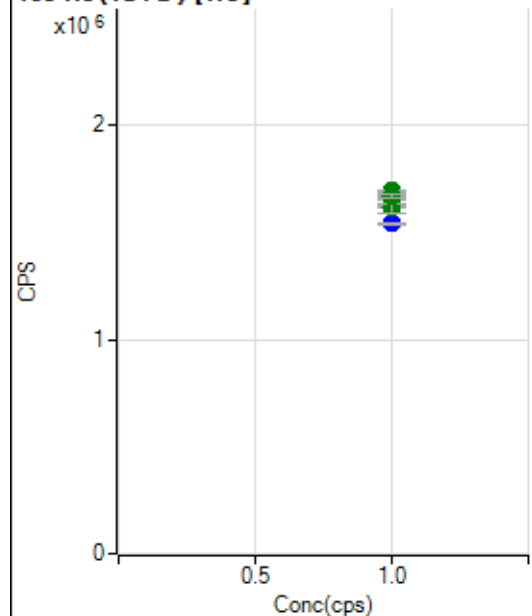
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1628670.97		A	0.7
2	☐	1.000					
3	☐	1.000		1695143.76		A	1.0
4	☐	1.000		1659044.28		A	1.1
5	☐	1.000		1616229.51		A	0.8
6	☐	1.000		1730666.45		A	1.4
7	☐	1.000		1712527.54		A	1.5
8	☐	1.000		1691044.17		A	2.9
9	☐	1.000		1687639.66		A	0.6
10	☐	1.000					

159 Tb (ISTD) [He]

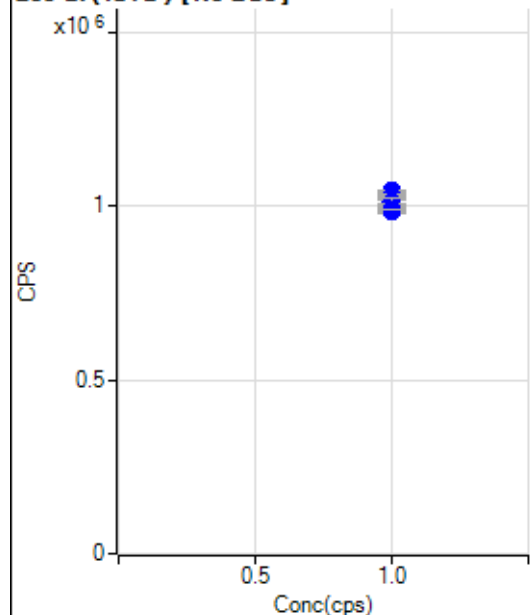
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1549282.03		M	1.2
2	☐	1.000					
3	☐	1.000		1672076.28		A	0.4
4	☐	1.000		1674438.22		A	0.4
5	☐	1.000		1631456.58		A	1.8
6	☐	1.000		1684282.58		A	0.9
7	☐	1.000		1696750.77		A	1.8
8	☐	1.000		1718552.65		A	0.8
9	☐	1.000		1665719.77		A	0.5
10	☐	1.000					

165 Ho (ISTD) [No Gas]

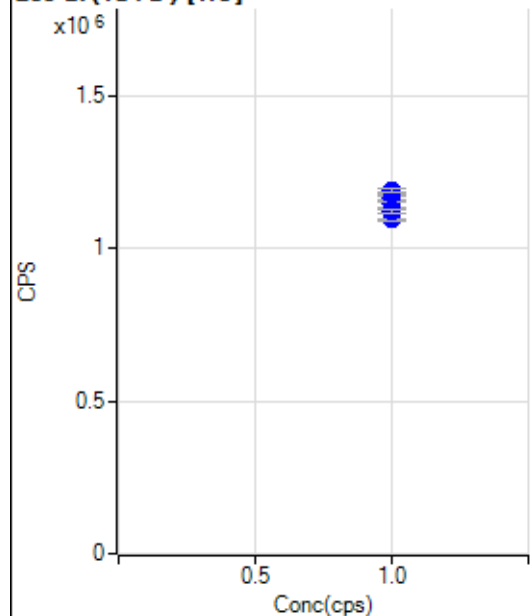
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1525358.98		M	0.4
2	☐	1.000					
3	☐	1.000		1593358.99		A	0.9
4	☐	1.000		1585919.58		A	2.1
5	☐	1.000		1525232.05		M	0.7
6	☐	1.000		1624361.05		A	1.2
7	☐	1.000		1622482.12		A	0.8
8	☐	1.000		1594321.62		A	1.4
9	☐	1.000		1588295.18		A	1.3
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1542002.86		P	0.7
2	☐	1.000					
3	☐	1.000		1623034.82		A	0.5
4	☐	1.000		1657415.13		A	1.1
5	☐	1.000		1610668.88		A	2.9
6	☐	1.000		1667019.26		A	0.2
7	☐	1.000		1668108.88		A	1.1
8	☐	1.000		1692521.69		A	0.9
9	☐	1.000		1667410.63		A	0.7
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		998595.90		P	0.6
2	☐	1.000					
3	☐	1.000		1037249.13		P	0.2
4	☐	1.000		1021647.76		P	0.6
5	☐	1.000		985649.89		P	0.6
6	☐	1.000		1045215.99		P	0.7
7	☐	1.000		1032579.33		P	0.3
8	☐	1.000		1015716.96		P	1.6
9	☐	1.000		991899.65		P	0.5
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1095538.33		P	0.7
2	☐	1.000					
3	☐	1.000		1165420.96		P	0.8
4	☐	1.000		1172405.35		P	0.4
5	☐	1.000		1144746.37		P	1.8
6	☐	1.000		1177091.21		P	0.7
7	☐	1.000		1179145.94		P	0.3
8	☐	1.000		1189812.21		P	1.0
9	☐	1.000		1122405.20		P	0.6
10	☐	1.000					