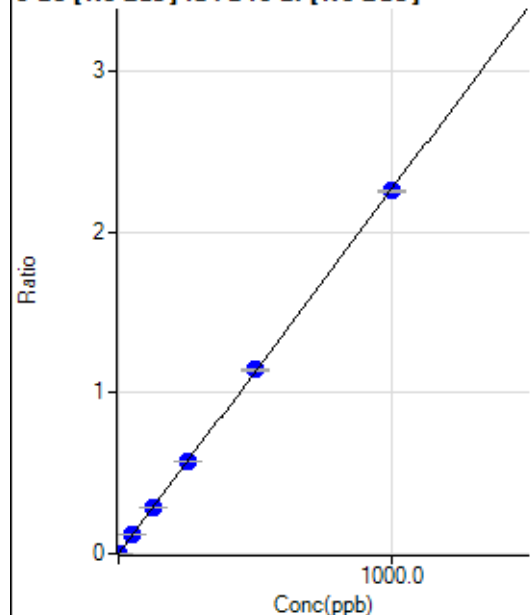


Batch Folder: D:\ICP-MS Data\P7020817.b\
Analysis File: P7020817.batch.bin
DA Date-Time: 2017-02-08 22:18:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-08 11:44:47
2			
3	004CALS.d	S02	2017-02-08 11:52:58
4	005CALS.d	S03	2017-02-08 11:56:51
5	006CALS.d	S04	2017-02-08 12:01:00
6	007CALS.d	S05	2017-02-08 12:04:49
7	008CALS.d	S06	2017-02-08 12:08:36
8	009CALS.d	S07	2017-02-08 12:12:18
9	010CALS.d	S08	2017-02-08 12:15:54

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.60	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.959	1074.14	0.0023	P	6.6
4	☐	50.000	51.029	55239.71	0.1158	P	1.2
5	☐	125.000	126.477	136868.58	0.2870	P	0.3
6	☐	250.000	251.606	273689.01	0.5708	P	0.5
7	☐	500.000	506.671	541815.64	1.1493	P	1.1
8	☐	1000.000	996.027	1065065.22	2.2592	P	0.3
9	☐			192.60	0.0004	P	15.7

$$y = 0.0023 * x + 8.9635E-005$$

$$R = 1.0000$$

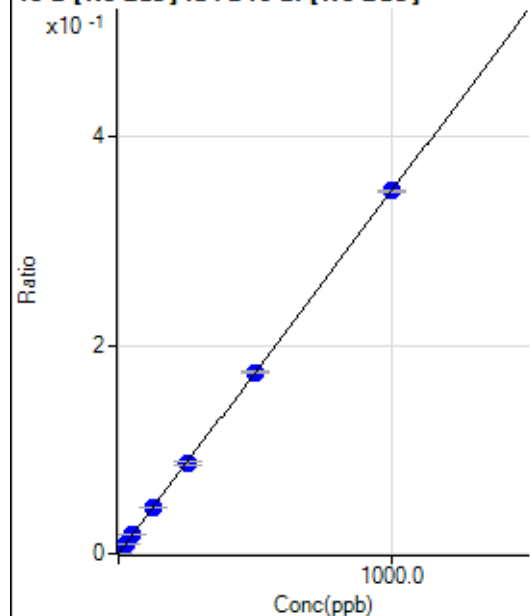
$$DL = 0.00897$$

$$BEC = 0.03952$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0001	P	50.0
2	☐	2.500					
3	☐	25.000	24.654	4117.39	0.0087	P	4.6
4	☐	50.000	50.660	8458.25	0.0177	P	1.6
5	☐	125.000	126.281	21009.79	0.0441	P	2.9
6	☐	250.000	248.070	41444.06	0.0864	P	3.7
7	☐	500.000	499.871	82058.49	0.1741	P	1.1
8	☐	1000.000	1000.362	164166.90	0.3482	P	0.4
9	☐			3017.09	0.0067	P	6.1

$$y = 3.4800E-004 * x + 1.0518E-004$$

$$R = 1.0000$$

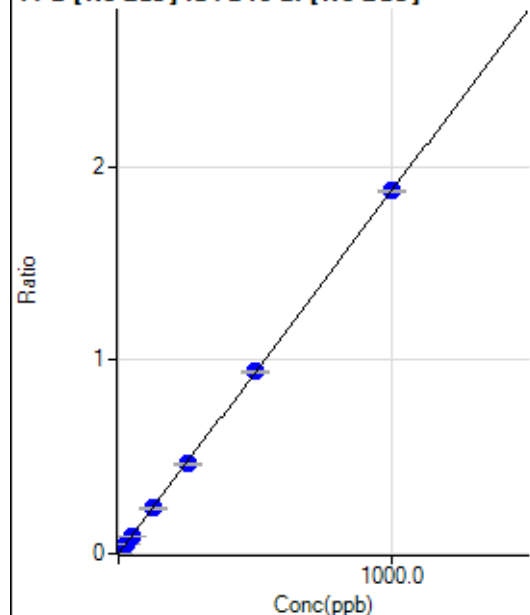
$$DL = 0.4529$$

$$BEC = 0.3022$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0006	P	6.7
2	☐	2.500					
3	☐	25.000	24.709	22194.68	0.0468	P	2.0
4	☐	50.000	49.263	44251.83	0.0928	P	3.0
5	☐	125.000	124.360	111313.05	0.2334	P	1.3
6	☐	250.000	246.646	221688.48	0.4623	P	1.5
7	☐	500.000	500.989	442488.92	0.9385	P	0.5
8	☐	1000.000	1000.468	883298.77	1.8736	P	0.6
9	☐			15861.78	0.0354	P	8.1

$$y = 0.0019 * x + 5.5535E-004$$

$$R = 1.0000$$

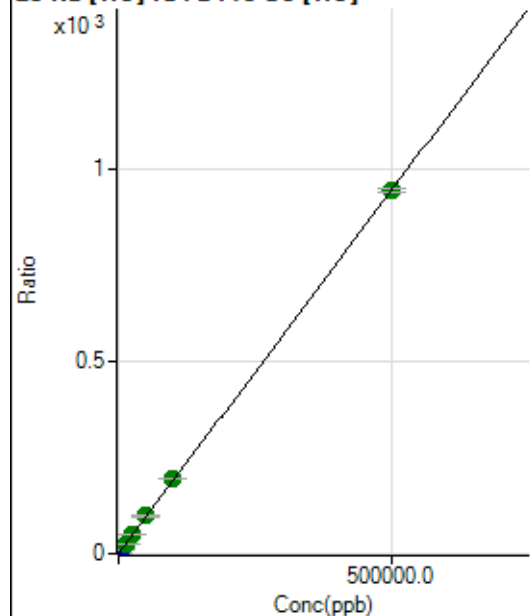
$$DL = 0.05968$$

$$BEC = 0.2966$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12333.29	0.0636	P	1.0
2	☐	50.000					
3	☐	500.000	502.104	196265.28	1.0117	P	1.1
4	☐	5000.000	5347.384	1967418.86	10.1609	P	0.4
5	☐	12500.000	13118.132	4824827.24	24.8342	A	0.7
6	☐	25000.000	26019.346	9571443.96	49.1951	A	0.7
7	☐	50000.000	51687.004	19169514.32	97.6625	A	0.6
8	☐	100000.00	102498.82	38209491.83	193.6089	A	0.2
9	☐	500000.00	499261.63	181942498.5	942.8033	A	0.9

$$y = 0.0019 * x + 0.0636$$

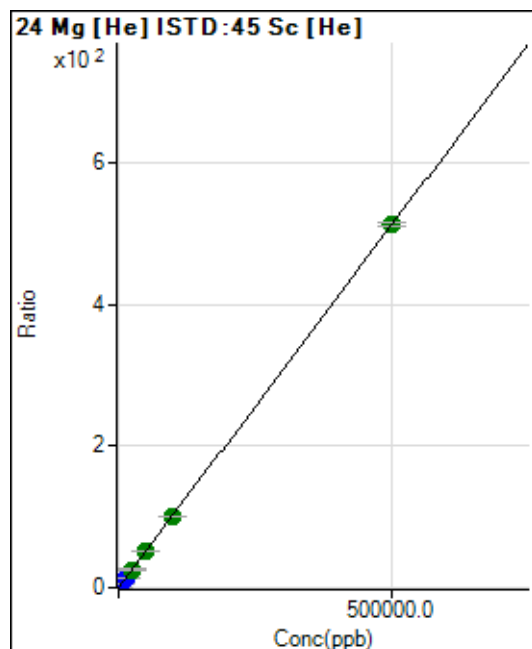
$$R = 1.0000$$

$$DL = 1.013$$

$$BEC = 33.7$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0011	P	21.1
2	☐	50.000					
3	☐	500.000	487.732	97180.85	0.5010	P	0.2
4	☐	5000.000	5115.478	1015289.18	5.2435	P	0.2
5	☐	12500.000	12729.233	2534689.36	13.0462	P	0.2
6	☐	25000.000	25113.310	5007525.33	25.7376	A	1.3
7	☐	50000.000	49783.806	10013959.25	51.0202	A	1.5
8	☐	100000.00	97896.300	19799852.00	100.3266	A	0.4
9	☐	500000.00	500429.82	98967335.55	512.8483	A	0.9

$$y = 0.0010 * x + 0.0011$$

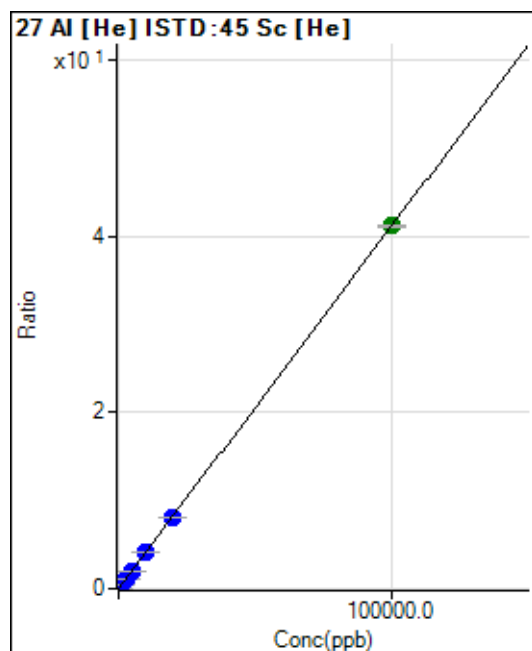
$$R = 1.0000$$

$$DL = 0.7007$$

$$BEC = 1.105$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0001	P	49.8
2	☐	2.000					
3	☐	20.000	21.243	1714.06	0.0088	P	1.7
4	☐	1000.000	1013.578	80854.89	0.4176	P	1.0
5	☐	2500.000	2508.756	200785.89	1.0335	P	0.3
6	☐	5000.000	4949.493	396655.06	2.0388	P	1.6
7	☐	10000.000	9933.649	803148.03	4.0918	P	0.6
8	☐	20000.000	19673.570	1599316.16	8.1038	P	1.0
9	☐	100000.00	100074.09	7954800.35	41.2213	A	0.7

$$y = 4.1191E-004 * x + 8.5950E-005$$

$$R = 1.0000$$

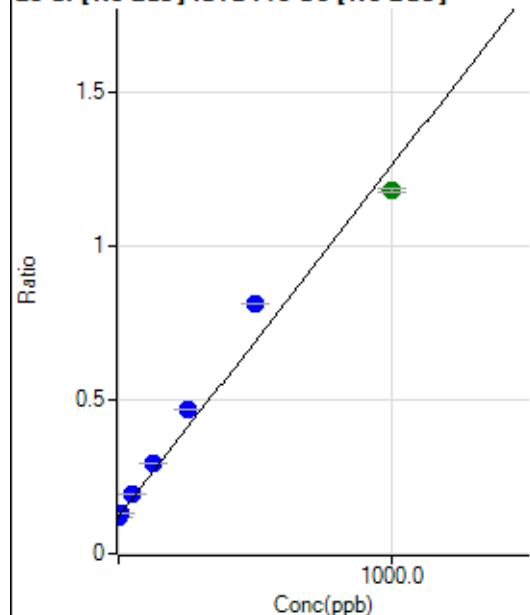
$$DL = 0.3117$$

$$BEC = 0.2087$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	518235.96	0.1211	P	0.9
2	☐	1.000					
3	☐	10.000	6.699	549333.19	0.1287	P	0.4
4	☐	50.000	62.112	823110.29	0.1917	P	0.2
5	☐	125.000	153.263	1264490.60	0.2954	P	0.6
6	☐	250.000	304.019	2018622.77	0.4668	P	0.4
7	☐	500.000	607.160	3500606.24	0.8115	P	0.7
8	☐	1000.000	928.810	5045050.98	1.1773	A	1.1
9	☐			754362.99	0.1831	P	0.8

$$y = 0.0011 * x + 0.1211$$

$$R = 0.9888$$

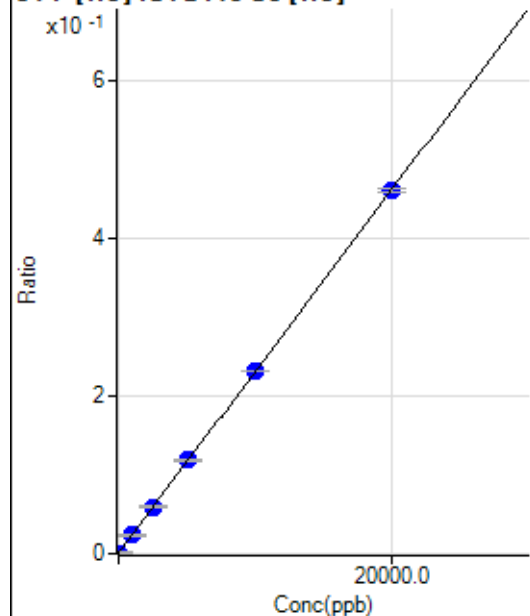
$$DL = 2.771$$

$$BEC = 106.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.518	111.12	0.0006	P	26.1
2	☐	0.000					
3	☐	0.000	11.518	213.90	0.0011	P	24.6
4	☐	1000.000	993.989	4584.23	0.0237	P	6.5
5	☐	2500.000	2530.755	11460.38	0.0590	P	2.7
6	☐	5000.000	5119.167	23049.07	0.1185	P	2.2
7	☐	10000.000	10024.423	45375.42	0.2312	P	0.7
8	☐	20000.000	19954.453	90652.70	0.4593	P	1.0
9	☐			152.78	0.0008	P	21.2

$$y = 2.2978E-005 * x + 8.3784E-004$$

$$R = 1.0000$$

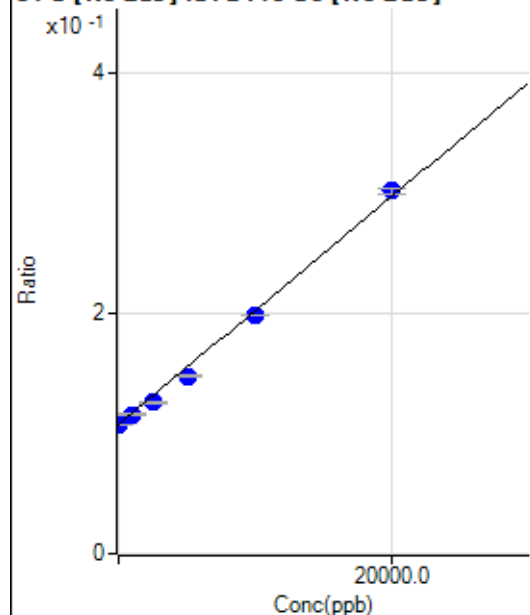
$$DL = 27.51$$

$$BEC = 36.46$$

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	-2.962	460903.32	0.1077	P	0.3
2	☐	0.000					
3	☐	0.000	2.962	459863.48	0.1077	P	0.2
4	☐	1000.000	824.805	496008.76	0.1155	P	1.1
5	☐	2500.000	1906.040	538463.07	0.1258	P	0.4
6	☐	5000.000	4243.729	639715.26	0.1479	P	1.0
7	☐	10000.000	9568.611	855856.44	0.1984	P	0.3
8	☐	20000.000	20487.767	1293702.18	0.3019	P	1.5
9	☐			435786.57	0.1058	P	0.6

$$y = 9.4785\text{E-}006 * x + 0.1077$$

$$R = 0.9987$$

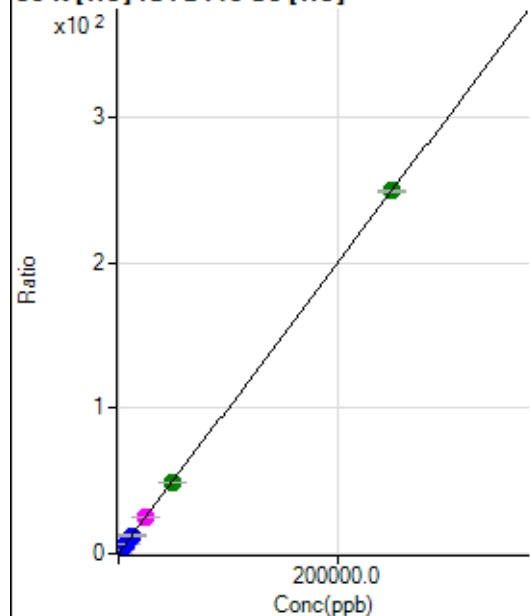
$$DL = 83.93$$

$$BEC = 1.136\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29527.34	0.1524	P	1.4
2	☐	50.000					
3	☐	500.000	467.627	119995.91	0.6186	P	1.3
4	☐	2500.000	2506.668	513382.46	2.6514	P	0.5
5	☐	6250.000	6261.390	1242375.50	6.3947	P	0.7
6	☐	12500.000	12436.811	2442017.31	12.5513	P	0.5
7	☐	25000.000	25102.367	4942065.65	25.1782	M	0.3
8	☐	50000.000	48938.111	9658770.70	48.9413	A	0.3
9	☐	250000.00	250205.01	48167489.62	249.5945	A	0.4

$$y = 9.9695\text{E-}004 * x + 0.1524$$

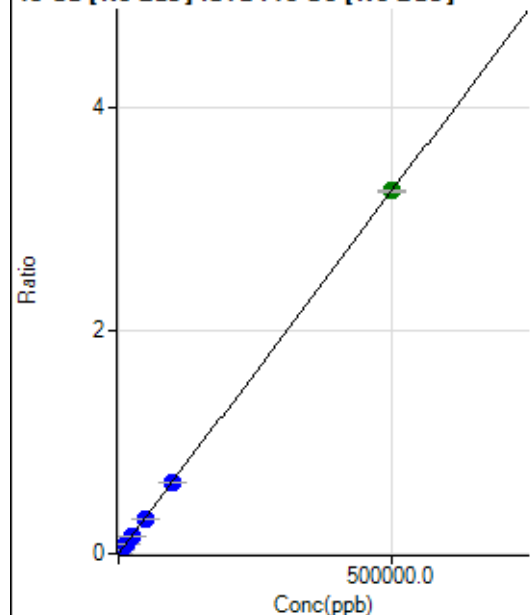
$$R = 1.0000$$

$$DL = 6.276$$

$$BEC = 152.8$$

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	188.90	0.0000	P	8.4
2	☐	50.000					
3	☐	500.000	464.688	13098.07	0.0031	P	1.0
4	☐	5000.000	4910.385	137407.13	0.0320	P	1.5
5	☐	12500.000	12237.376	341185.69	0.0797	P	0.9
6	☐	25000.000	24410.081	687254.38	0.1589	P	0.2
7	☐	50000.000	48635.818	1365735.54	0.3166	P	0.6
8	☐	100000.00	98257.972	2740941.79	0.6396	P	0.9
9	☐	500000.00	500521.81	13425075.13	3.2579	A	0.8

$$y = 6.5089E-006 * x + 4.4114E-005$$

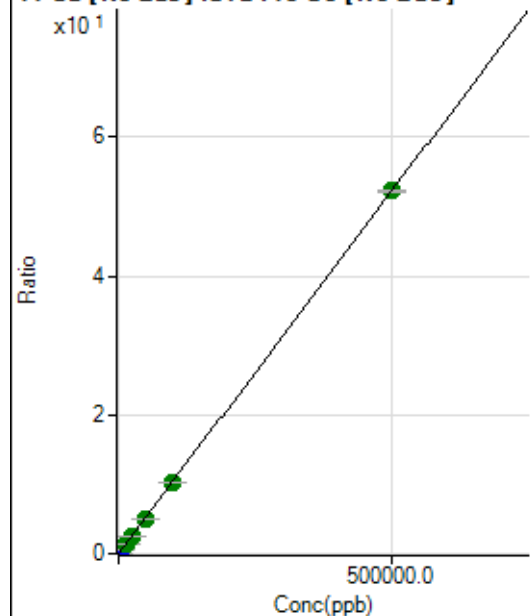
$$R = 1.0000$$

$$DL = 1.711$$

$$BEC = 6.777$$

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	12044.34	0.0028	P	4.4
2	☐	50.000					
3	☐	500.000	467.661	220398.68	0.0516	P	0.1
4	☐	5000.000	4941.543	2226970.54	0.5187	P	0.5
5	☐	12500.000	12298.299	5508576.60	1.2867	A	0.5
6	☐	25000.000	24291.892	10978799.47	2.5388	A	0.2
7	☐	50000.000	48658.859	21925048.58	5.0827	A	0.5
8	☐	100000.00	97640.791	43698411.05	10.1964	A	0.5
9	☐	500000.00	500647.02	215396940.9	52.2696	A	0.3

$$y = 1.0440E-004 * x + 0.0028$$

$$R = 1.0000$$

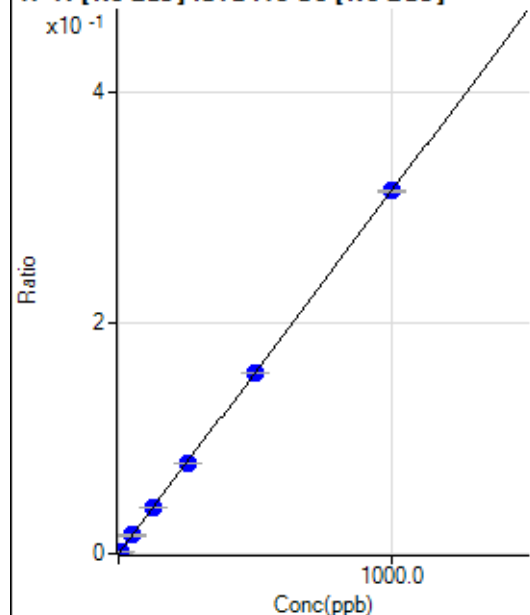
$$DL = 3.538$$

$$BEC = 26.95$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	34.2
2	☐	0.500					
3	☐	5.000	4.722	6473.91	0.0015	P	1.0
4	☐	50.000	50.411	68119.69	0.0159	P	0.8
5	☐	125.000	124.959	168158.41	0.0393	P	0.6
6	☐	250.000	250.388	340210.93	0.0787	P	0.1
7	☐	500.000	499.046	676245.65	0.1568	P	0.5
8	☐	1000.000	1000.366	1346615.86	0.3142	P	0.4
9	☐			2355.38	0.0006	P	44.6

$$y = 3.1407\text{E-}004 * x + 3.3702\text{E-}005$$

$$R = 1.0000$$

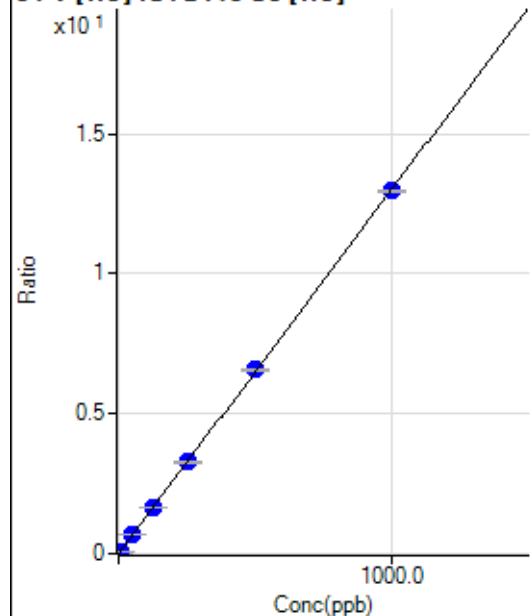
$$DL = 0.11$$

$$BEC = 0.1073$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0001	P	7.1
2	☐	0.500					
3	☐	5.000	4.780	12075.09	0.0622	P	1.6
4	☐	50.000	50.869	128003.63	0.6611	P	0.7
5	☐	125.000	126.054	318228.32	1.6380	P	0.6
6	☐	250.000	251.487	635774.96	3.2677	P	0.5
7	☐	500.000	504.801	1287454.95	6.5590	P	0.3
8	☐	1000.000	997.053	2556697.27	12.9548	P	0.4
9	☐			770.03	0.0040	P	4.4

$$y = 0.0130 * x + 1.4336\text{E-}004$$

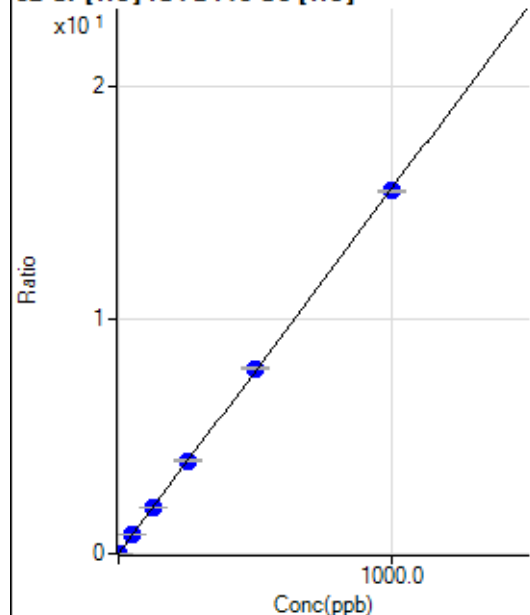
$$R = 1.0000$$

$$DL = 0.002363$$

$$BEC = 0.01103$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1443.43	0.0074	P	3.4
2	☐	0.200					
3	☐	2.000	2.055	7662.12	0.0395	P	0.6
4	☐	50.000	52.003	158510.08	0.8186	P	0.4
5	☐	125.000	127.860	388944.41	2.0019	P	0.9
6	☐	250.000	254.498	773839.56	3.9774	P	0.8
7	☐	500.000	507.689	1555930.29	7.9269	P	0.4
8	☐	1000.000	994.574	3063299.05	15.5218	P	0.3
9	☐			66375.27	0.3440	P	1.1

$$y = 0.0156 * x + 0.0074$$

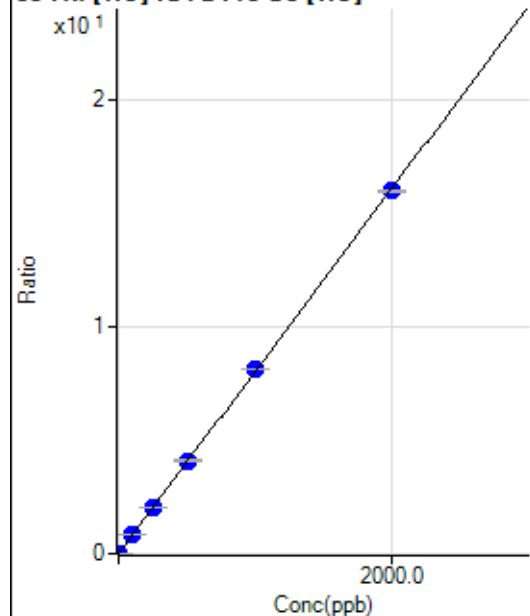
$$R = 0.9999$$

$$DL = 0.04923$$

$$BEC = 0.4775$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.22	0.0003	P	29.6
2	☐	0.100					
3	☐	1.000	0.968	1573.45	0.0081	P	2.4
4	☐	100.000	104.053	162119.06	0.8373	P	0.5
5	☐	250.000	257.359	402252.68	2.0704	P	0.8
6	☐	500.000	509.962	798133.43	4.1023	P	0.9
7	☐	1000.000	1013.059	1599548.38	8.1490	P	0.4
8	☐	2000.000	1989.857	3158839.26	16.0060	P	0.2
9	☐			12347.57	0.0640	P	1.5

$$y = 0.0080 * x + 3.2108E-004$$

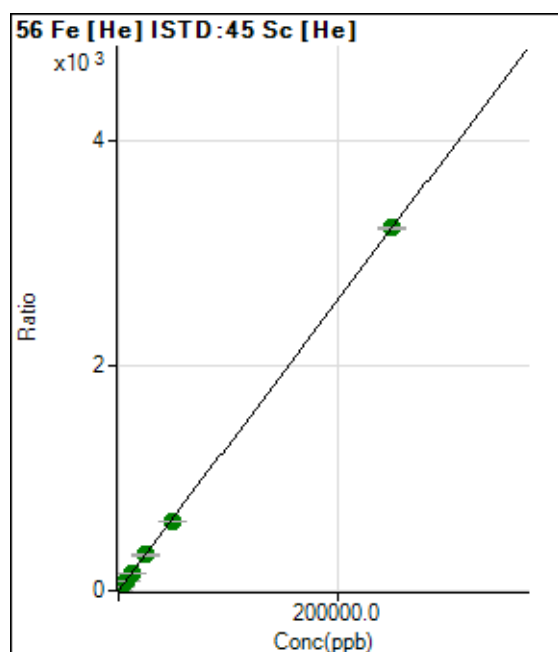
$$R = 1.0000$$

$$DL = 0.03539$$

$$BEC = 0.03992$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3661.67	0.0189	P	2.5
2	☐	5.000					
3	☐	50.000	47.584	122633.32	0.6322	P	0.7
4	☐	2500.000	2559.911	6392010.91	33.0119	A	1.0
5	☐	6250.000	6224.588	15590032.99	80.2436	A	0.5
6	☐	12500.000	12302.593	30853585.41	158.5790	A	0.5
7	☐	25000.000	24590.455	62213098.61	316.9494	A	0.3
8	☐	50000.000	47809.966	121611240.6	616.2106	A	0.4
9	☐	250000.00	250488.86	623016117.6	3,228.407	A	0.6

$$y = 0.0129 * x + 0.0189$$

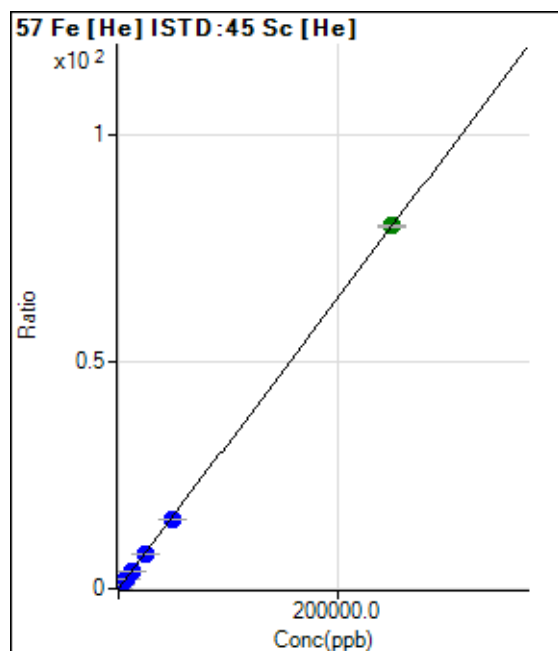
$$R = 1.0000$$

$$DL = 0.1098$$

$$BEC = 1.466$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.08	0.0004	P	37.9
2	☐	5.000					
3	☐	50.000	47.251	3002.25	0.0155	P	2.3
4	☐	2500.000	2562.649	158582.01	0.8190	P	0.5
5	☐	6250.000	6189.688	384232.95	1.9777	P	0.2
6	☐	12500.000	12270.991	762721.26	3.9203	P	1.1
7	☐	25000.000	24427.882	1531779.42	7.8038	P	0.2
8	☐	50000.000	47767.057	3011502.82	15.2594	P	0.2
9	☐	250000.00	250516.13	15443993.75	80.0268	A	0.4

$$y = 3.1945E-004 * x + 3.8245E-004$$

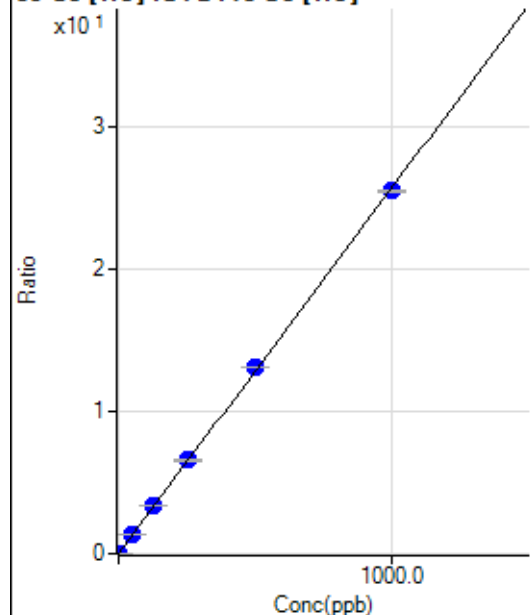
$$R = 1.0000$$

$$DL = 1.36$$

$$BEC = 1.197$$

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	198.89	0.0010	P	6.7
2	☐	0.100					
3	☐	1.000	0.987	5109.85	0.0263	P	0.9
4	☐	50.000	52.388	260261.01	1.3441	P	0.3
5	☐	125.000	129.570	645578.01	3.3229	P	0.7
6	☐	250.000	256.207	1278162.27	6.5696	P	0.9
7	☐	500.000	509.510	2564170.01	13.0636	P	0.3
8	☐	1000.000	993.003	5024488.43	25.4592	P	0.3
9	☐			6141.38	0.0318	P	0.8

$$y = 0.0256 * x + 0.0010$$

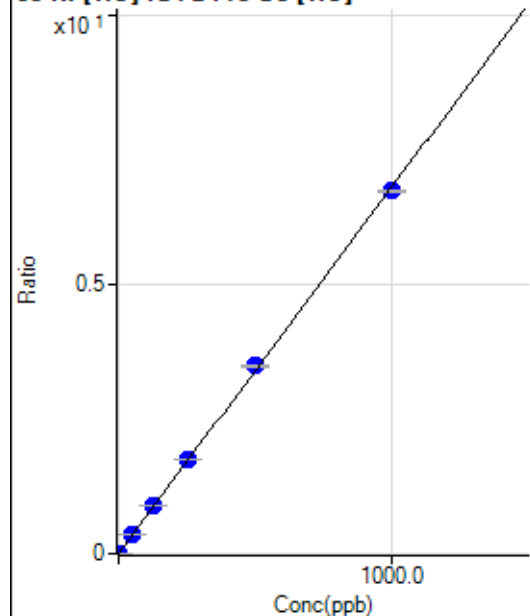
$$R = 0.9999$$

$$DL = 0.008089$$

$$BEC = 0.04003$$

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	88.89	0.0005	P	15.5
2	☐	0.100					
3	☐	1.000	0.983	1386.76	0.0071	P	3.4
4	☐	50.000	53.511	70579.01	0.3645	P	0.6
5	☐	125.000	131.221	173536.29	0.8932	P	0.5
6	☐	250.000	258.635	342431.40	1.7600	P	0.9
7	☐	500.000	512.154	684008.02	3.4848	P	0.4
8	☐	1000.000	990.811	1330420.99	6.7413	P	0.3
9	☐			16245.84	0.0842	P	1.9

$$y = 0.0068 * x + 4.5861E-004$$

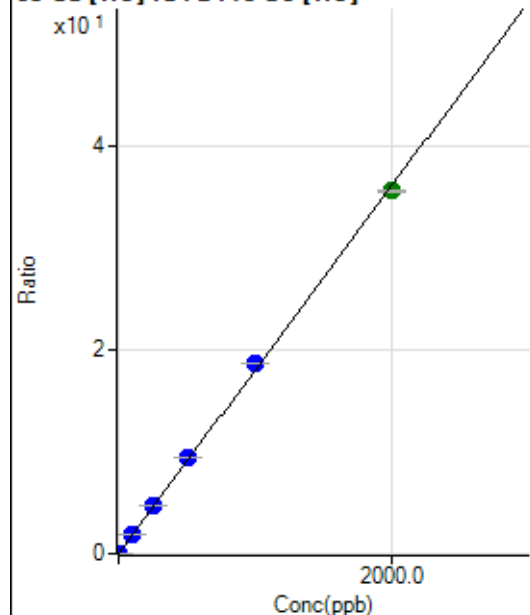
$$R = 0.9998$$

$$DL = 0.03132$$

$$BEC = 0.06741$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.90	0.0024	P	2.9
2	☐	0.200					
3	☐	2.000	2.089	7761.07	0.0400	P	2.7
4	☐	100.000	108.407	378662.64	1.9557	P	0.6
5	☐	250.000	265.877	931206.42	4.7929	P	0.3
6	☐	500.000	523.641	1836130.08	9.4374	P	0.8
7	☐	1000.000	1035.751	3663558.17	18.6645	P	0.3
8	☐	2000.000	1973.809	7019165.80	35.5665	A	0.9
9	☐			10100.28	0.0523	P	0.7

$$y = 0.0180 * x + 0.0024$$

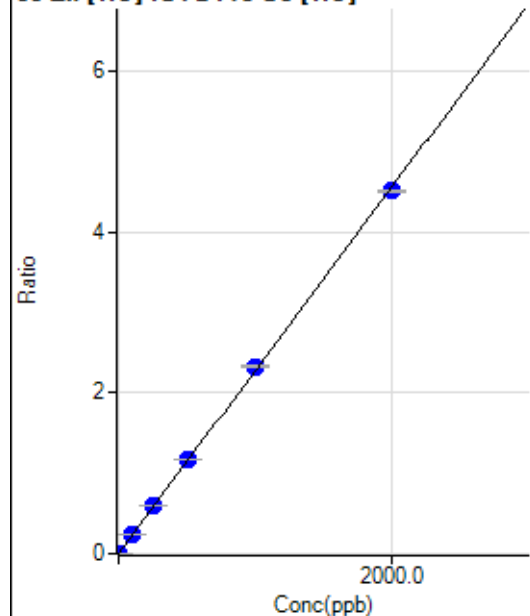
$$R = 0.9997$$

$$DL = 0.01161$$

$$BEC = 0.1314$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.56	0.0005	P	21.2
2	☐	0.200					
3	☐	2.000	2.162	1051.17	0.0054	P	3.6
4	☐	100.000	106.462	47060.19	0.2430	P	0.9
5	☐	250.000	263.871	116897.33	0.6017	P	0.4
6	☐	500.000	517.910	229677.33	1.1805	P	0.6
7	☐	1000.000	1023.244	457698.40	2.3318	P	0.2
8	☐	2000.000	1981.843	891213.39	4.5158	P	0.2
9	☐			8125.71	0.0421	P	1.7

$$y = 0.0023 * x + 4.9318E-004$$

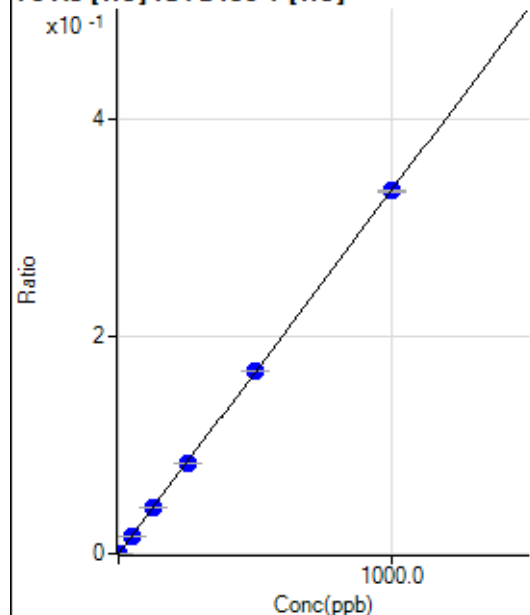
$$R = 0.9998$$

$$DL = 0.1375$$

$$BEC = 0.2165$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.43	0.0000	P	45.5
2	☐	0.100					
3	☐	1.000	1.007	355.56	0.0004	P	3.6
4	☐	50.000	49.581	16775.79	0.0166	P	0.9
5	☐	125.000	125.780	42425.82	0.0421	P	0.7
6	☐	250.000	249.433	84545.44	0.0835	P	1.2
7	☐	500.000	502.638	170827.07	0.1683	P	0.8
8	☐	1000.000	998.746	339302.49	0.3345	P	0.8
9	☐			512.36	0.0005	P	6.0

$$y = 3.3487\text{E-}004 * x + 1.5275\text{E-}005$$

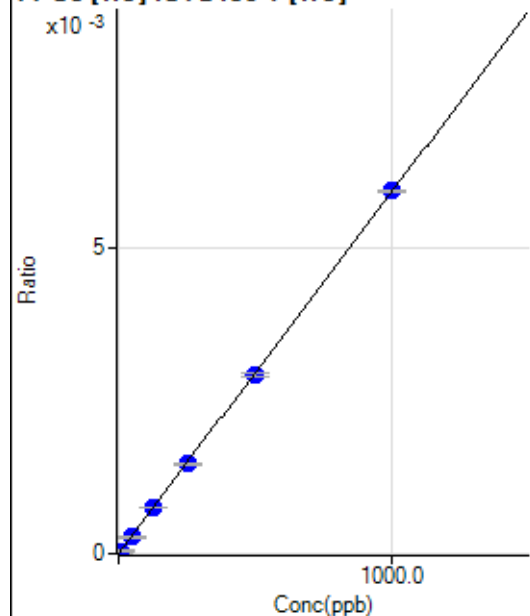
$$R = 1.0000$$

$$DL = 0.06232$$

$$BEC = 0.04561$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	7.252	45.55	0.0000	P	14.6
4	☐	50.000	45.567	274.45	0.0003	P	14.1
5	☐	125.000	128.283	766.70	0.0008	P	0.9
6	☐	250.000	248.423	1490.10	0.0015	P	2.3
7	☐	500.000	493.264	2964.80	0.0029	P	1.8
8	☐	1000.000	1003.562	6028.02	0.0059	P	0.8
9	☐			18.89	0.0000	P	36.1

$$y = 5.9186\text{E-}006 * x + 2.1992\text{E-}006$$

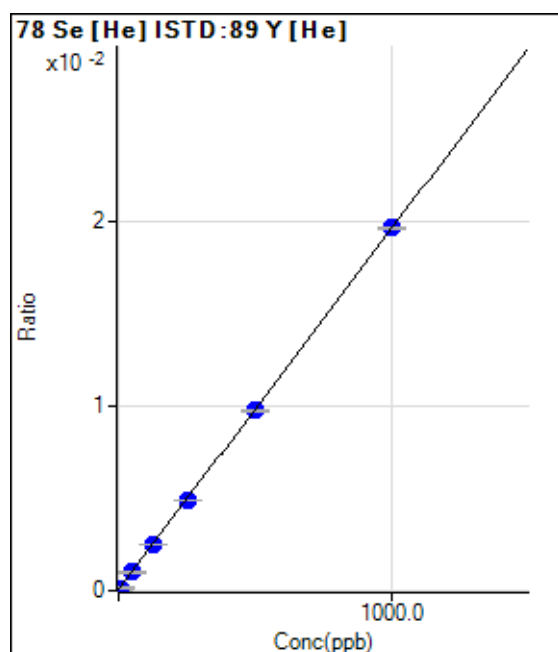
$$R = 0.9999$$

$$DL = 1.931$$

$$BEC = 0.3716$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.32	0.0001	P	19.0
2	☐	0.500					
3	☐	5.000	5.102	154.94	0.0002	P	10.8
4	☐	50.000	47.988	1001.28	0.0010	P	4.6
5	☐	125.000	123.960	2494.07	0.0025	P	2.1
6	☐	250.000	247.316	4947.18	0.0049	P	1.2
7	☐	500.000	496.255	9899.75	0.0098	P	0.3
8	☐	1000.000	1002.773	19941.56	0.0197	P	0.4
9	☐			120.37	0.0001	P	11.2

$$y = 1.9549\text{E-}005 * x + 5.3740\text{E-}005$$

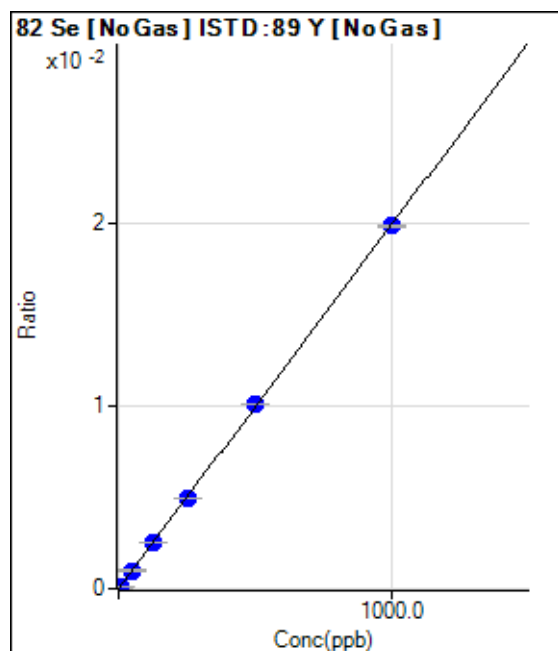
$$R = 1.0000$$

$$DL = 1.565$$

$$BEC = 2.749$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-10.01	0.0000	P	-873.
2	☐	0.500					
3	☐	5.000	4.653	615.88	0.0001	P	11.0
4	☐	50.000	50.049	6722.28	0.0010	P	1.5
5	☐	125.000	124.910	16860.00	0.0025	P	0.8
6	☐	250.000	249.517	33903.09	0.0050	P	0.5
7	☐	500.000	506.508	68231.31	0.0101	P	0.6
8	☐	1000.000	996.877	133996.80	0.0199	P	0.5
9	☐			232.68	0.0000	P	27.6

$$y = 1.9953\text{E-}005 * x - 1.4543\text{E-}006$$

$$R = 1.0000$$

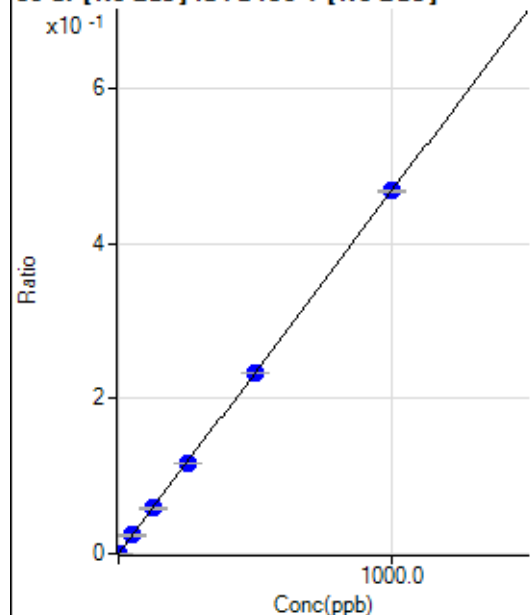
$$DL = 1.91$$

$$BEC = -0.07289$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	863.95	0.0001	P	23.4
2	☐	0.100					
3	☐	1.000	0.922	3767.33	0.0006	P	4.4
4	☐	50.000	50.158	159084.01	0.0236	P	1.0
5	☐	125.000	124.672	395732.80	0.0585	P	0.5
6	☐	250.000	248.547	793098.51	0.1164	P	0.7
7	☐	500.000	499.226	1578213.50	0.2337	P	0.5
8	☐	1000.000	1000.783	3155834.55	0.4684	P	0.9
9	☐			89377.04	0.0138	P	0.0

$$y = 4.6792\text{E-}004 * x + 1.2774\text{E-}004$$

$$R = 1.0000$$

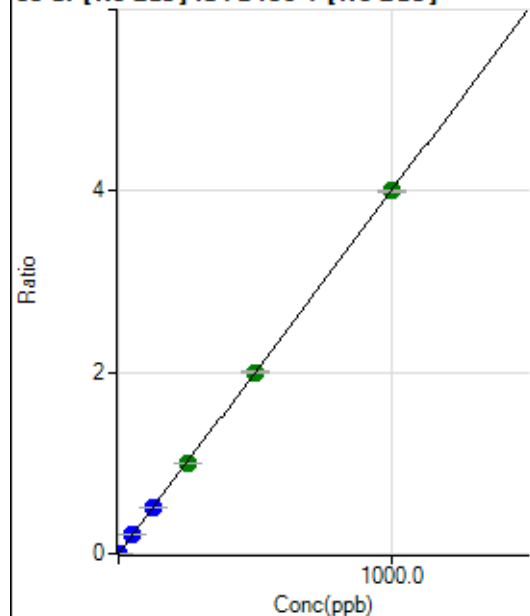
$$DL = 0.1919$$

$$BEC = 0.273$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.900	24471.60	0.0036	P	1.8
4	☐	50.000	50.738	1370153.23	0.2032	P	0.5
5	☐	125.000	127.205	3448663.18	0.5095	P	0.4
6	☐	250.000	249.288	6801331.66	0.9985	A	0.7
7	☐	500.000	500.591	13538180.33	2.0050	A	0.4
8	☐	1000.000	999.570	26971950.60	4.0034	A	0.5
9	☐			772490.53	0.1195	P	0.3

$$y = 0.0040 * x + 2.5931\text{E-}005$$

$$R = 1.0000$$

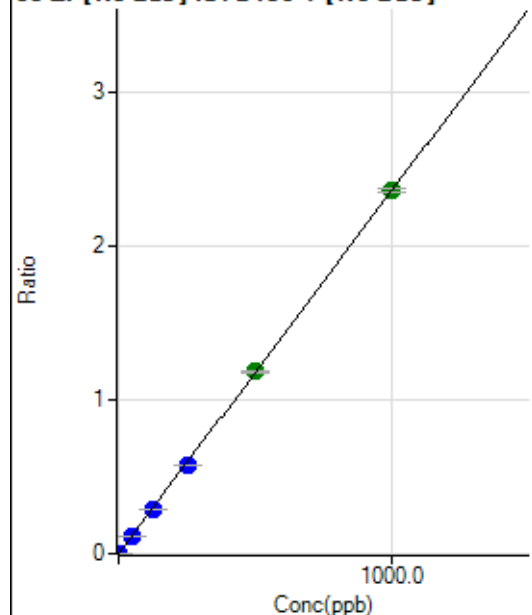
$$DL = 0.004331$$

$$BEC = 0.006474$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	433.36	0.0001	P	10.4
2	☐	0.100					
3	☐	1.000	0.657	10882.34	0.0016	P	2.3
4	☐	50.000	48.174	766710.58	0.1137	P	0.4
5	☐	125.000	123.357	1970502.84	0.2911	P	0.4
6	☐	250.000	245.052	3938924.61	0.5782	P	0.4
7	☐	500.000	502.268	8002437.07	1.1851	A	0.6
8	☐	1000.000	1000.400	15902860.60	2.3605	A	1.0
9	☐			4059.08	0.0006	P	5.1

$$y = 0.0024 * x + 6.4167E-005$$

$$R = 1.0000$$

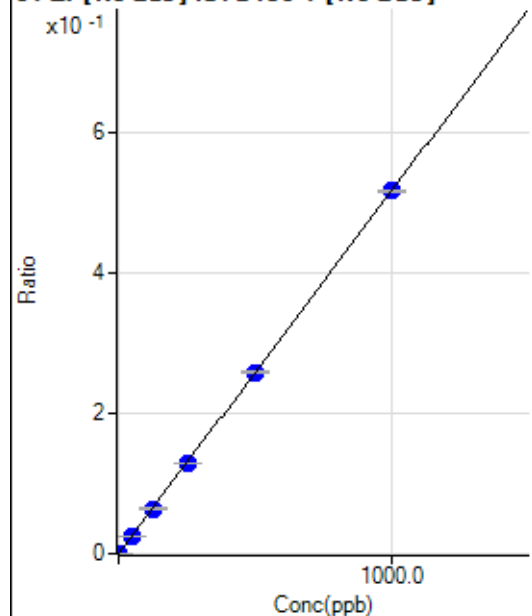
$$DL = 0.008503$$

$$BEC = 0.0272$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	45.5
2	☐	0.100					
3	☐	1.000	0.675	2436.43	0.0004	P	14.2
4	☐	50.000	49.269	171833.47	0.0255	P	1.2
5	☐	125.000	124.428	435573.16	0.0644	P	1.3
6	☐	250.000	248.480	875298.26	0.1285	P	0.7
7	☐	500.000	500.672	1748200.49	0.2589	P	0.6
8	☐	1000.000	1000.152	3484317.96	0.5172	P	0.4
9	☐			897.29	0.0001	P	14.1

$$y = 5.1708E-004 * x + 1.2729E-005$$

$$R = 1.0000$$

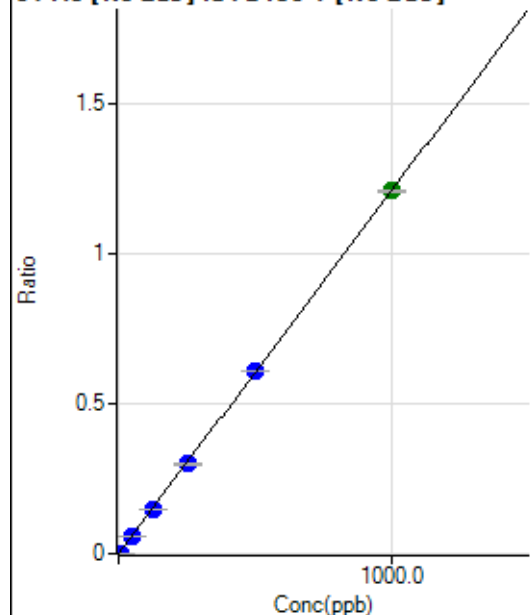
$$DL = 0.03359$$

$$BEC = 0.02462$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.56	0.0000	P	26.3
2	☐	0.500					
3	☐	5.000	1.824	15094.69	0.0022	P	2.0
4	☐	50.000	48.655	397604.83	0.0590	P	1.0
5	☐	125.000	123.254	1010949.91	0.1494	P	0.9
6	☐	250.000	247.261	2040812.74	0.2996	P	0.8
7	☐	500.000	502.024	4107194.54	0.6083	P	0.4
8	☐	1000.000	999.974	8162483.51	1.2115	A	0.2
9	☐			16040.30	0.0025	P	11.0

$$y = 0.0012 * x + 3.0444E-005$$

$$R = 1.0000$$

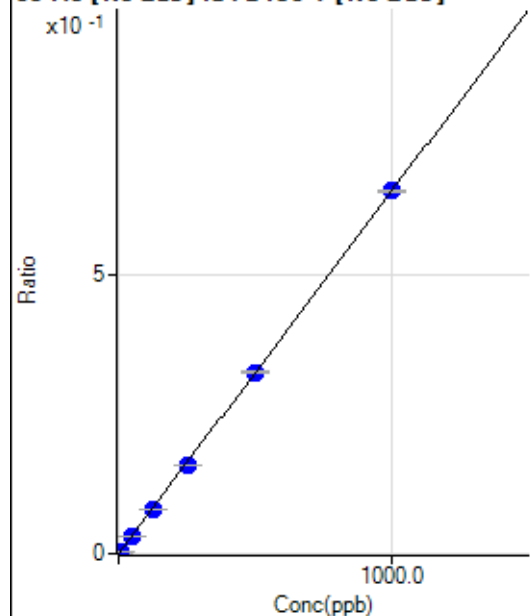
$$DL = 0.01979$$

$$BEC = 0.02513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	26.8
2	☐	0.500					
3	☐	5.000	4.598	20223.37	0.0030	P	1.2
4	☐	50.000	48.414	211995.91	0.0314	P	1.3
5	☐	125.000	122.963	540435.72	0.0798	P	0.3
6	☐	250.000	244.928	1083227.93	0.1590	P	0.4
7	☐	500.000	500.235	2192924.05	0.3248	P	0.9
8	☐	1000.000	1001.487	4380371.93	0.6502	P	0.7
9	☐			24811.33	0.0038	P	8.5

$$y = 6.4919E-004 * x + 1.6461E-005$$

$$R = 1.0000$$

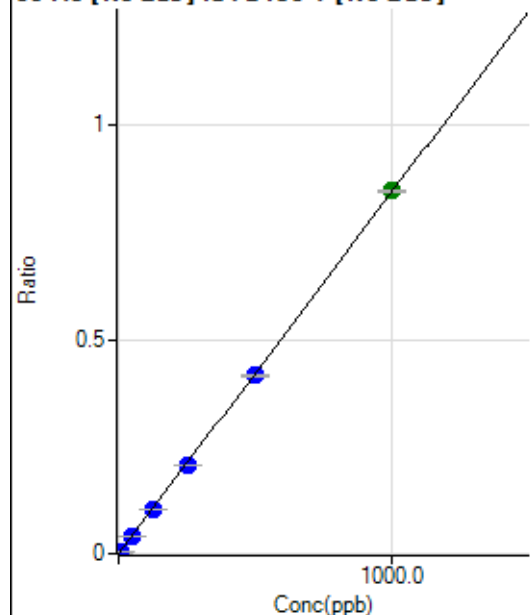
$$DL = 0.0204$$

$$BEC = 0.02536$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	7.3
2	☐	0.500					
3	☐	5.000	3.803	21761.71	0.0032	P	0.4
4	☐	50.000	48.312	274687.25	0.0407	P	2.0
5	☐	125.000	121.603	693965.24	0.1025	P	0.4
6	☐	250.000	243.264	1396947.17	0.2051	P	0.4
7	☐	500.000	494.644	2815544.73	0.4170	P	0.8
8	☐	1000.000	1004.877	5706822.35	0.8471	A	0.7
9	☐			30269.17	0.0047	P	4.8

$$y = 8.4292\text{E-}004 * x + 2.3845\text{E-}005$$

$$R = 1.0000$$

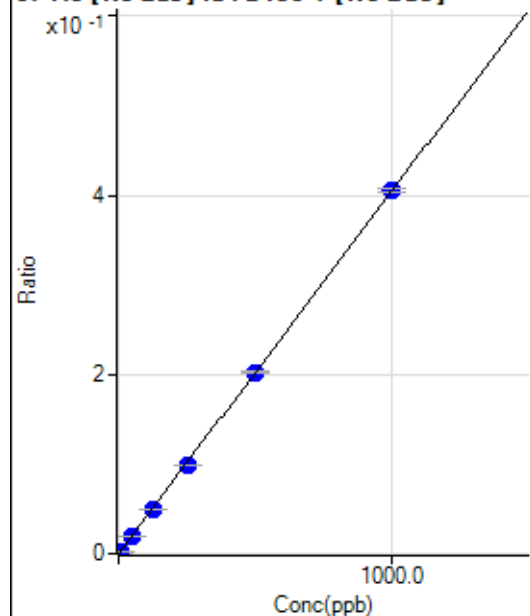
$$DL = 0.006198$$

$$BEC = 0.02829$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	21.1
2	☐	0.500					
3	☐	5.000	4.626	12692.22	0.0019	P	2.2
4	☐	50.000	48.862	133217.47	0.0198	P	0.2
5	☐	125.000	123.439	337748.49	0.0499	P	0.3
6	☐	250.000	245.463	675802.05	0.0992	P	0.8
7	☐	500.000	499.253	1362432.64	0.2018	P	1.0
8	☐	1000.000	1001.762	2727536.26	0.4048	P	1.1
9	☐			15364.42	0.0024	P	4.4

$$y = 4.0412\text{E-}004 * x + 1.3995\text{E-}005$$

$$R = 1.0000$$

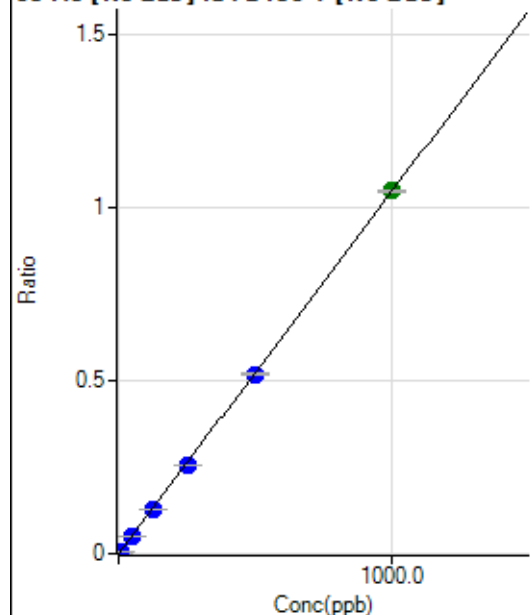
$$DL = 0.0219$$

$$BEC = 0.03463$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	13.6
2	☐	0.500					
3	☐	5.000	4.565	32273.63	0.0048	P	1.3
4	☐	50.000	48.515	341921.31	0.0507	P	0.6
5	☐	125.000	123.014	870234.27	0.1286	P	1.1
6	☐	250.000	245.080	1744706.96	0.2561	P	0.1
7	☐	500.000	496.774	3505442.74	0.5192	P	1.0
8	☐	1000.000	1003.168	7062856.23	1.0483	A	0.8
9	☐			39247.08	0.0061	P	6.9

$$y = 0.0010 * x + 1.9334E-005$$

$$R = 1.0000$$

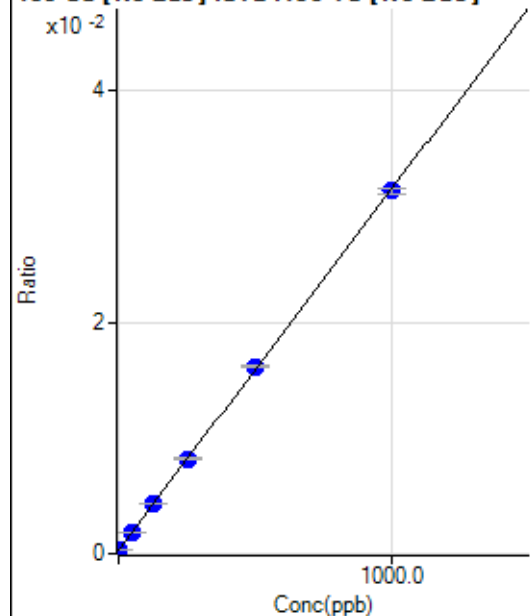
$$DL = 0.007525$$

$$BEC = 0.0185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2180.82	0.0003	P	1.7
2	☐	0.100					
3	☐	1.000	0.731	2328.09	0.0003	P	8.3
4	☐	50.000	50.893	13584.87	0.0019	P	2.2
5	☐	125.000	128.828	31188.03	0.0043	P	1.4
6	☐	250.000	252.727	59403.02	0.0082	P	1.8
7	☐	500.000	507.647	116083.50	0.0161	P	0.9
8	☐	1000.000	994.972	224492.96	0.0313	P	1.6
9	☐			2000.23	0.0003	P	3.9

$$y = 3.1186E-005 * x + 3.0002E-004$$

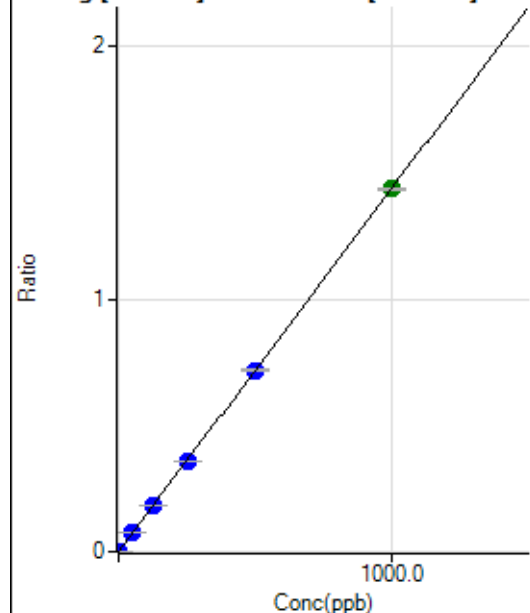
$$R = 0.9999$$

$$DL = 0.4963$$

$$BEC = 9.621$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	28.6
2	☐	0.100					
3	☐	1.000	1.177	12253.01	0.0017	P	3.9
4	☐	50.000	50.905	526879.01	0.0732	P	0.6
5	☐	125.000	126.087	1309457.27	0.1813	P	0.3
6	☐	250.000	250.432	2614249.02	0.3600	P	0.4
7	☐	500.000	499.739	5170143.69	0.7185	P	0.6
8	☐	1000.000	999.841	10300687.04	1.4374	A	0.8
9	☐			980.63	0.0001	P	3.5

$$y = 0.0014 * x + 6.1140E-006$$

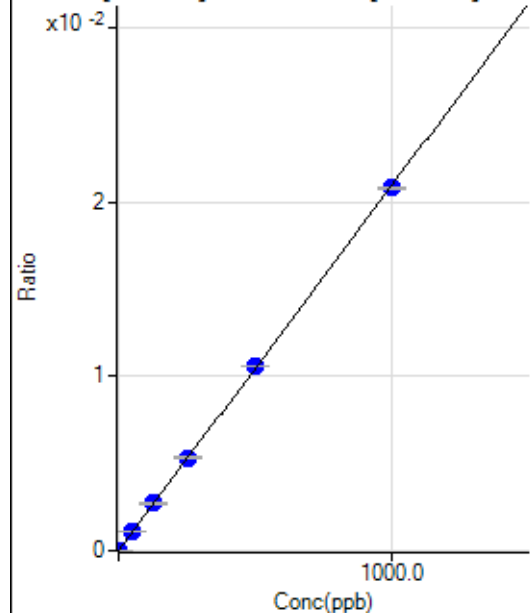
$$R = 1.0000$$

$$DL = 0.003644$$

$$BEC = 0.004253$$

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	0.2
2	☐	0.100					
3	☐	1.000	0.827	133.34	0.0000	P	18.2
4	☐	50.000	50.671	7642.48	0.0011	P	1.8
5	☐	125.000	129.953	19655.58	0.0027	P	1.4
6	☐	250.000	254.207	38640.29	0.0053	P	1.3
7	☐	500.000	507.133	76388.01	0.0106	P	0.1
8	☐	1000.000	994.729	149198.48	0.0208	P	0.8
9	☐			47.22	0.0000	P	29.1

$$y = 2.0929E-005 * x + 1.1460E-006$$

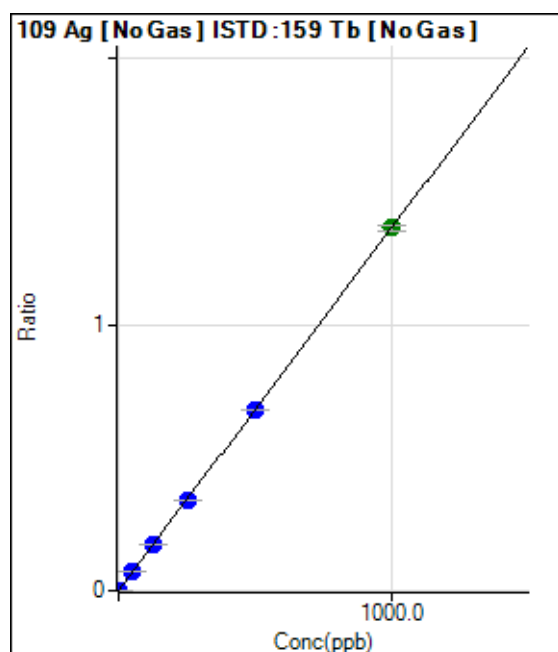
$$R = 0.9999$$

$$DL = 0.000279$$

$$BEC = 0.05476$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.7
2	☐	0.100					
3	☐	1.000	1.178	11605.34	0.0016	P	1.4
4	☐	50.000	50.743	497865.07	0.0692	P	0.4
5	☐	125.000	126.168	1242143.11	0.1720	P	0.1
6	☐	250.000	249.720	2471220.69	0.3403	P	0.4
7	☐	500.000	498.915	4893234.40	0.6800	P	0.5
8	☐	1000.000	1000.429	9770441.45	1.3635	A	1.4
9	☐			908.40	0.0001	P	7.8

$$y = 0.0014 * x + 2.6752E-006$$

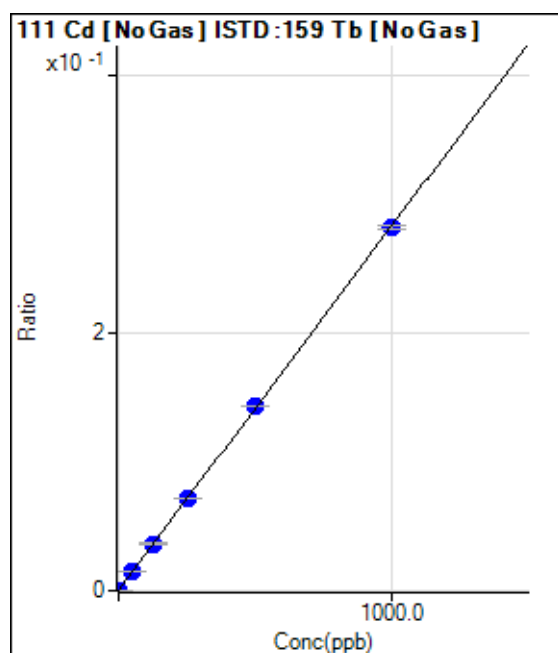
$$R = 1.0000$$

$$DL = 0.001453$$

$$BEC = 0.001963$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1538.81	0.0002	P	2.0
2	☐	0.100					
3	☐	1.000	0.967	3499.00	0.0005	P	7.4
4	☐	50.000	51.733	106824.45	0.0148	P	0.7
5	☐	125.000	128.243	263460.20	0.0365	P	0.8
6	☐	250.000	253.695	522379.43	0.0719	P	0.8
7	☐	500.000	506.425	1031981.26	0.1434	P	0.1
8	☐	1000.000	995.372	2018322.95	0.2817	P	1.2
9	☐			1633.78	0.0002	P	3.5

$$y = 2.8275E-004 * x + 2.1170E-004$$

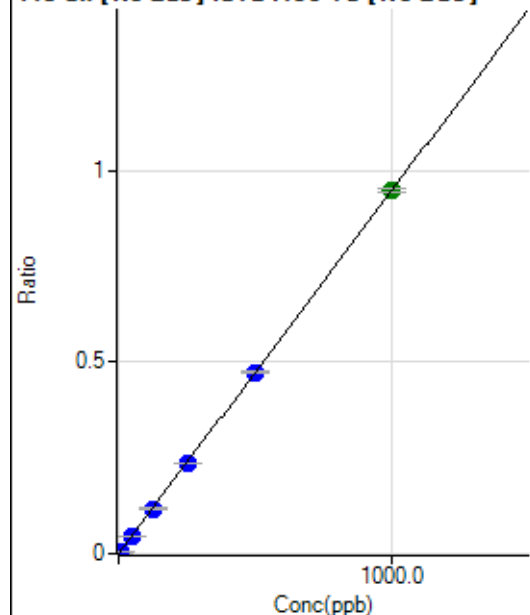
$$R = 1.0000$$

$$DL = 0.04601$$

$$BEC = 0.7487$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	383.36	0.0001	P	15.8
2	☐	0.500					
3	☐	5.000	4.787	33047.97	0.0046	P	1.6
4	☐	50.000	49.679	338691.87	0.0470	P	0.6
5	☐	125.000	124.501	851163.08	0.1178	P	0.2
6	☐	250.000	248.193	1705168.40	0.2348	P	0.5
7	☐	500.000	500.822	3409810.14	0.4738	P	0.6
8	☐	1000.000	1000.120	6780289.65	0.9462	A	1.2
9	☐			10129.11	0.0015	P	7.9

$$y = 9.4600\text{E-}004 * x + 5.2749\text{E-}005$$

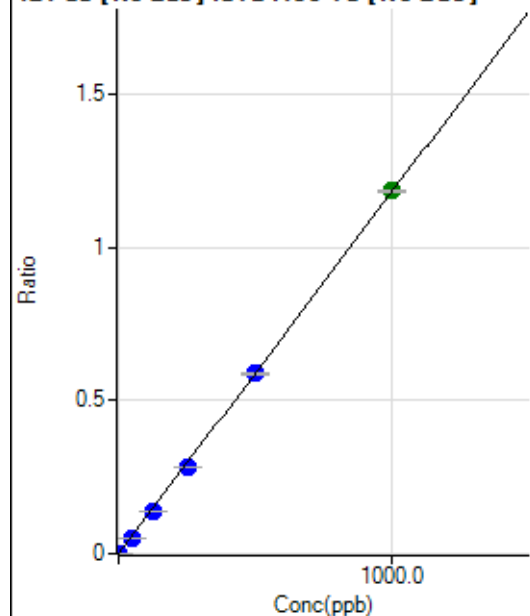
$$R = 1.0000$$

$$DL = 0.02649$$

$$BEC = 0.05576$$

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	38.89	0.0000	P	65.6
2	☐	0.200					
3	☐	2.000	1.855	15812.30	0.0022	P	1.7
4	☐	50.000	40.623	344772.56	0.0479	P	2.0
5	☐	125.000	116.085	988529.78	0.1369	P	1.1
6	☐	250.000	240.478	2058416.97	0.2835	P	0.6
7	☐	500.000	498.999	4233224.14	0.5883	P	0.5
8	☐	1000.000	1004.465	8485624.84	1.1841	A	0.6
9	☐			44496.38	0.0066	P	6.2

$$y = 0.0012 * x + 5.3537\text{E-}006$$

$$R = 0.9999$$

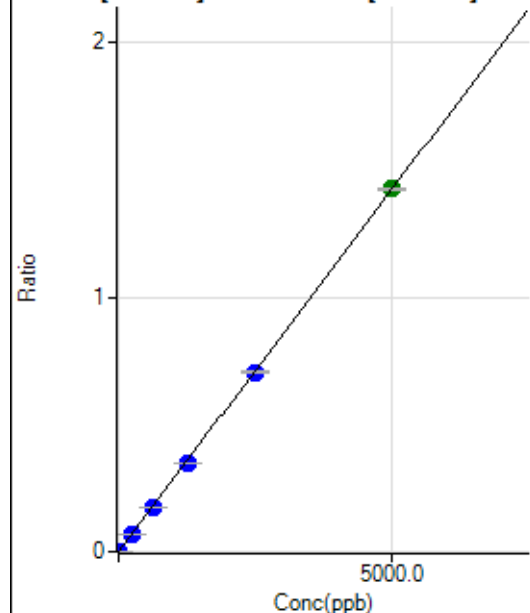
$$DL = 0.008941$$

$$BEC = 0.004541$$

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	47.22	0.0000	P	27.1
2	☐	1.000					
3	☐	10.000	9.191	18899.69	0.0026	P	2.2
4	☐	250.000	246.356	504256.53	0.0700	P	0.2
5	☐	625.000	613.006	1259015.63	0.1743	P	0.3
6	☐	1250.000	1225.748	2530399.12	0.3485	P	0.8
7	☐	2500.000	2483.949	5082142.17	0.7062	P	0.2
8	☐	5000.000	5015.772	10219377.40	1.4261	A	0.5
9	☐			3092.16	0.0005	P	5.8

$$y = 2.8431\text{E-}004 * x + 6.4980\text{E-}006$$

$$R = 1.0000$$

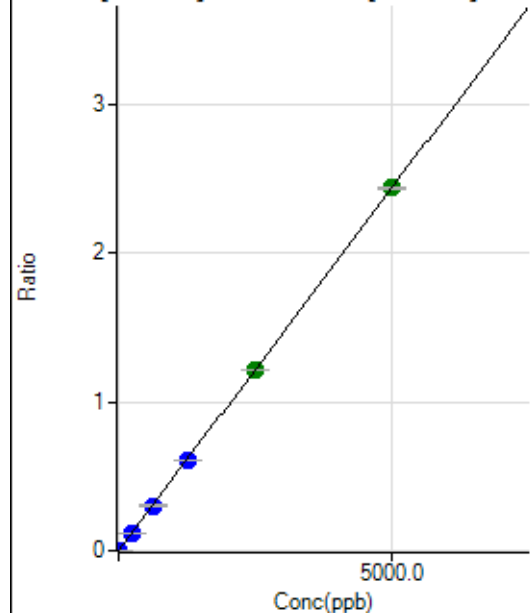
$$DL = 0.01856$$

$$BEC = 0.02286$$

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	86.11	0.0000	P	36.6
2	☐	1.000					
3	☐	10.000	9.346	32898.22	0.0046	P	1.4
4	☐	250.000	249.342	873653.81	0.1214	P	0.4
5	☐	625.000	622.206	2187564.02	0.3028	P	0.8
6	☐	1250.000	1241.063	4385683.87	0.6040	P	0.6
7	☐	2500.000	2489.689	8719711.83	1.2117	A	0.2
8	☐	5000.000	5007.773	17465639.45	2.4372	A	0.5
9	☐			5379.04	0.0008	P	4.8

$$y = 4.8669\text{E-}004 * x + 1.1848\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02676$$

$$BEC = 0.02434$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

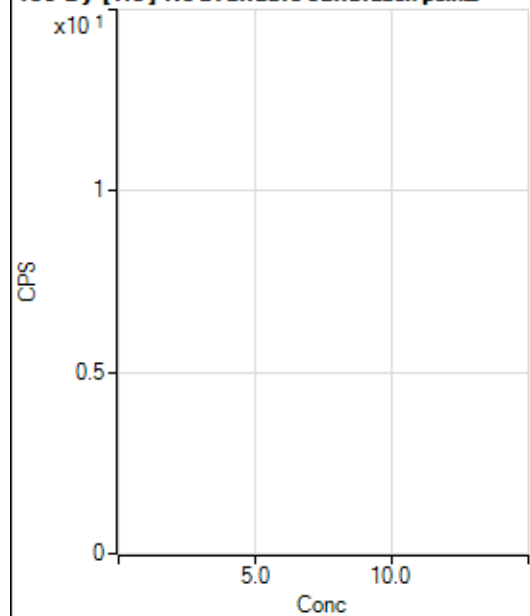
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			2.22		P	173.2
4	☐			31.11		P	44.6
5	☐			95.56		P	35.8
6	☐			215.56		P	7.8
7	☐			257.79		P	5.4
8	☐			575.59		P	4.8
9	☐			122.23		P	16.7

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	☐			5.55		P	69.3
5	☐			13.33		P	25.0
6	☐			34.44		P	36.6
7	☐			35.56		P	23.6
8	☐			57.78		P	26.0
9	☐			51.11		P	30.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			33.34		P	66.1
4	☐			80.56		P	65.7
5	☐			36.11		P	53.3
6	☐			72.22		P	6.7
7	☐			75.00		P	0.0
8	☐			150.01		P	22.2
9	☐			138.90		P	9.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			6.67		P	50.0
4	☐			15.56		P	12.4
5	☐			16.67		P	20.0
6	☐			30.00		P	33.3
7	☐			25.56		P	49.4
8	☐			31.11		P	52.9
9	☐			58.89		P	42.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	45.6
2	☐						
3	☐			55.56		P	17.3
4	☐			55.56		P	31.2
5	☐			55.56		P	8.7
6	☐			63.89		P	32.8
7	☐			47.22		P	53.9
8	☐			91.67		P	18.2
9	☐			133.34		P	6.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	77.0
2	☐						
3	☐			22.22		P	70.9
4	☐			20.00		P	44.1
5	☐			23.33		P	37.8
6	☐			45.55		P	8.5
7	☐			31.11		P	22.3
8	☐			40.00		P	28.9
9	☐			74.44		P	11.3

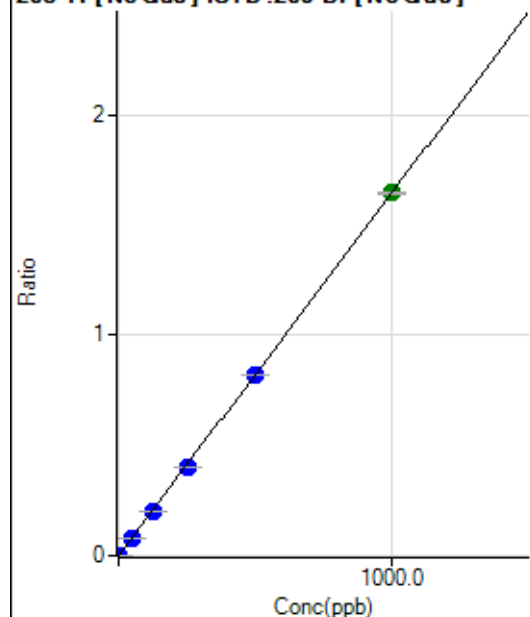
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			47.23		P	20.4
4	☐			22.22		P	21.6
5	☐			22.22		P	43.3
6	☐			72.23		P	54.5
7	☐			27.78		P	75.5
8	☐			55.56		P	17.3
9	☐			86.12		P	20.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐						
3	☐			22.22		P	48.2
4	☐			11.11		P	17.3
5	☐			10.00		P	88.2
6	☐			31.11		P	44.6
7	☐			26.66		P	57.3
8	☐			22.22		P	8.7
9	☐			42.22		P	36.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	8.3
2	☐	0.100					
3	☐	1.000	0.928	6668.64	0.0015	P	2.8
4	☐	50.000	49.911	354030.77	0.0820	P	0.3
5	☐	125.000	123.331	871483.86	0.2027	P	0.5
6	☐	250.000	246.001	1740775.69	0.4044	P	0.4
7	☐	500.000	499.304	3463922.69	0.8207	P	0.5
8	☐	1000.000	1001.561	6770752.63	1.6463	A	0.5
9	☐			1811.32	0.0005	P	5.1

$$y = 0.0016 * x + 1.2703E-005$$

$$R = 1.0000$$

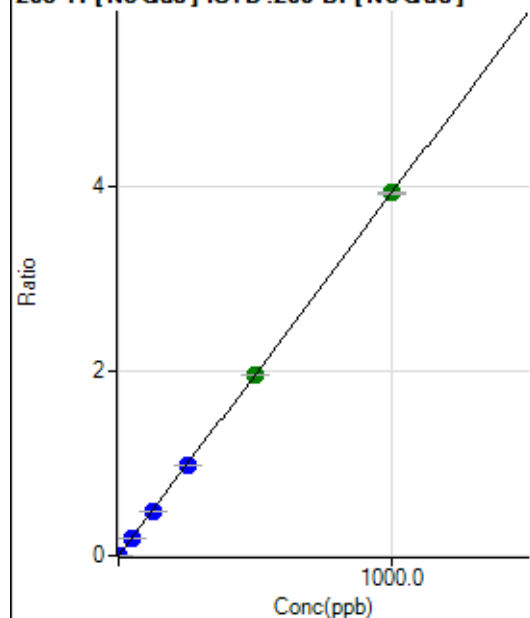
$$DL = 0.001921$$

$$BEC = 0.007729$$

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	194.46	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.931	16018.57	0.0037	P	2.6
4	☐	50.000	49.962	845236.44	0.1959	P	0.7
5	☐	125.000	123.867	2087491.34	0.4856	P	0.6
6	☐	250.000	247.106	4170285.90	0.9687	P	0.1
7	☐	500.000	499.463	8263763.38	1.9579	A	0.3
8	☐	1000.000	1001.135	16140705.05	3.9245	A	0.7
9	☐			3789.62	0.0010	P	7.8

$$y = 0.0039 * x + 4.4504E-005$$

$$R = 1.0000$$

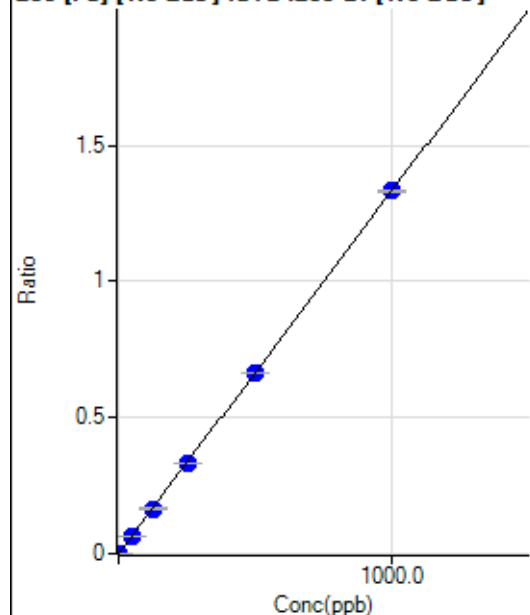
$$DL = 0.009488$$

$$BEC = 0.01135$$

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	501.88	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	0.951	5983.01	0.0014	P	2.7
4	☐	50.000	50.121	288211.80	0.0668	P	0.8
5	☐	125.000	124.624	713223.88	0.1659	P	0.8
6	☐	250.000	247.297	1416893.29	0.3291	P	0.2
7	☐	500.000	498.970	2802333.63	0.6640	P	0.5
8	☐	1000.000	1001.232	5478977.61	1.3322	P	0.4
9	☐			10244.95	0.0028	P	3.9

$$y = 0.0013 * x + 1.1476E-004$$

$$R = 1.0000$$

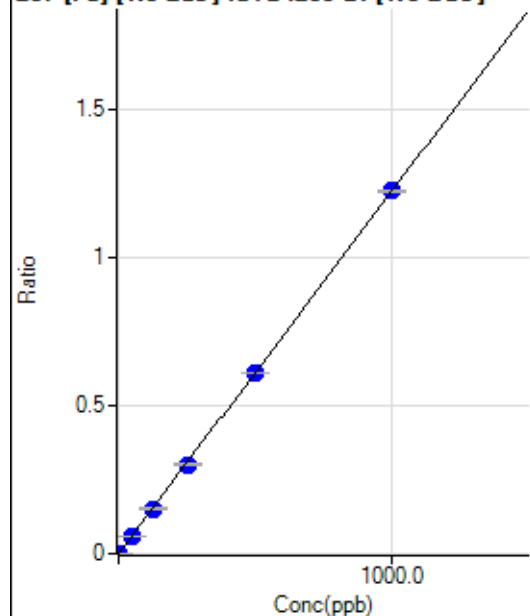
$$DL = 0.01511$$

$$BEC = 0.08625$$

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	492.62	0.0001	P	13.9
2	☐	0.100					
3	☐	1.000	0.945	5506.87	0.0013	P	4.5
4	☐	50.000	49.790	263678.77	0.0611	P	1.0
5	☐	125.000	124.681	657106.60	0.1529	P	0.5
6	☐	250.000	246.551	1300837.11	0.3022	P	0.3
7	☐	500.000	497.803	2574513.63	0.6100	P	0.3
8	☐	1000.000	1002.011	5049278.70	1.2277	P	0.5
9	☐			8482.56	0.0023	P	4.6

$$y = 0.0012 * x + 1.1271E-004$$

$$R = 1.0000$$

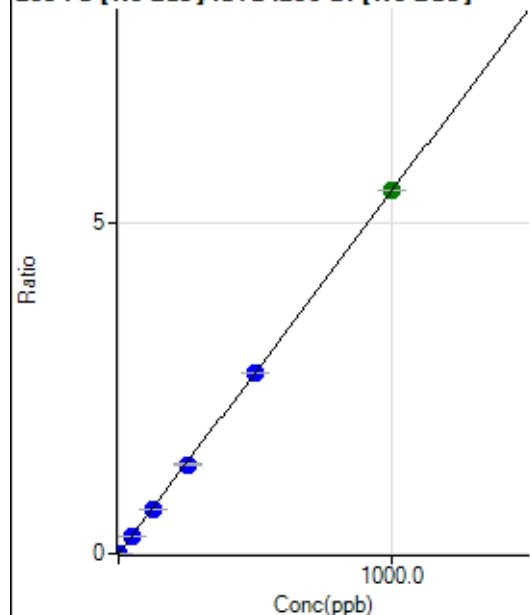
$$DL = 0.03832$$

$$BEC = 0.092$$

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	2033.46	0.0005	P	4.5
2	☐	0.100					
3	☐	1.000	0.944	24403.87	0.0056	P	1.8
4	☐	50.000	49.848	1177963.91	0.2730	P	0.8
5	☐	125.000	124.262	2922537.09	0.6799	P	0.5
6	☐	250.000	246.711	5809002.78	1.3493	P	0.3
7	☐	500.000	498.831	11513100.81	2.7278	P	0.1
8	☐	1000.000	1001.507	22522253.34	5.4762	A	0.1
9	☐			39564.62	0.0108	P	2.7

$$y = 0.0055 * x + 4.6508E-004$$

$$R = 1.0000$$

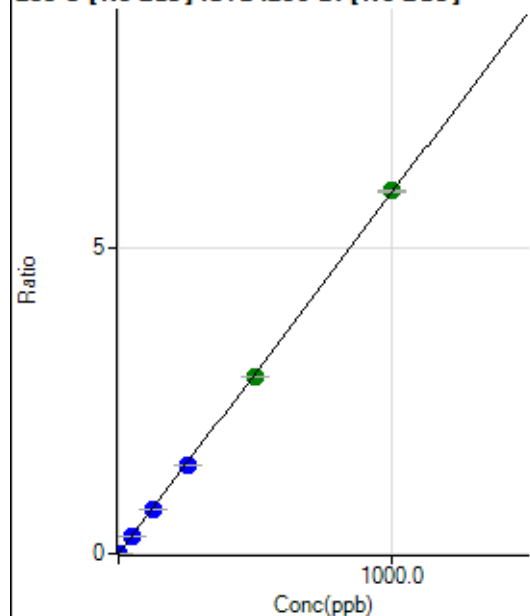
$$DL = 0.01158$$

$$BEC = 0.08506$$

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	419.47	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.937	24320.77	0.0056	P	2.0
4	☐	50.000	48.465	1231448.97	0.2854	P	0.8
5	☐	125.000	122.268	3094559.31	0.7199	P	0.3
6	☐	250.000	247.161	6264264.42	1.4551	P	0.1
7	☐	500.000	491.190	12204669.63	2.8917	A	0.7
8	☐	1000.000	1005.533	24345585.79	5.9195	A	0.4
9	☐			4831.65	0.0013	P	4.7

$$y = 0.0059 * x + 9.5931E-005$$

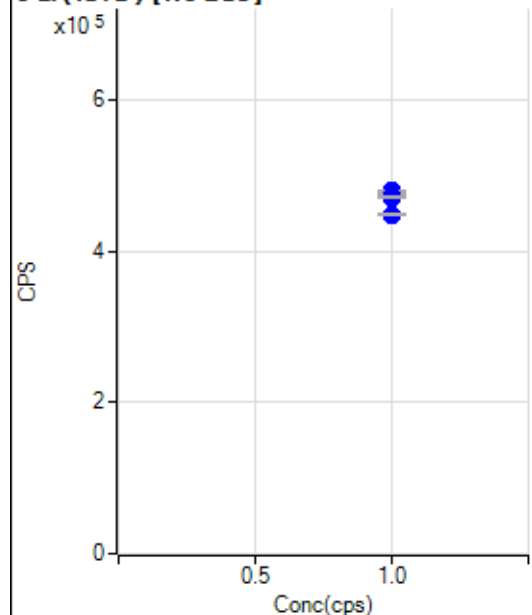
$$R = 0.9999$$

$$DL = 0.00479$$

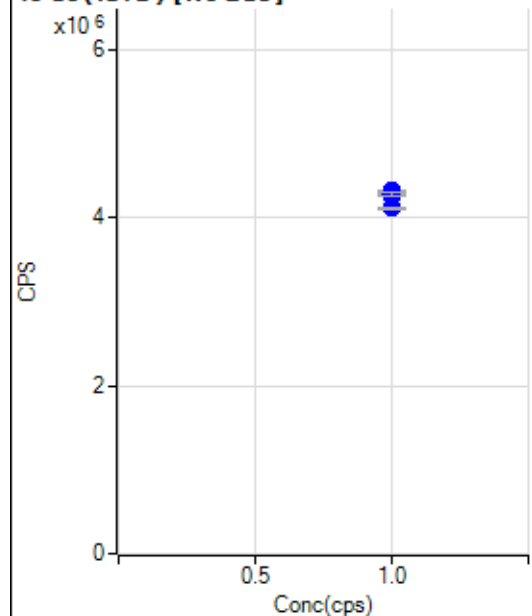
$$BEC = 0.0163$$

Weight: <None>

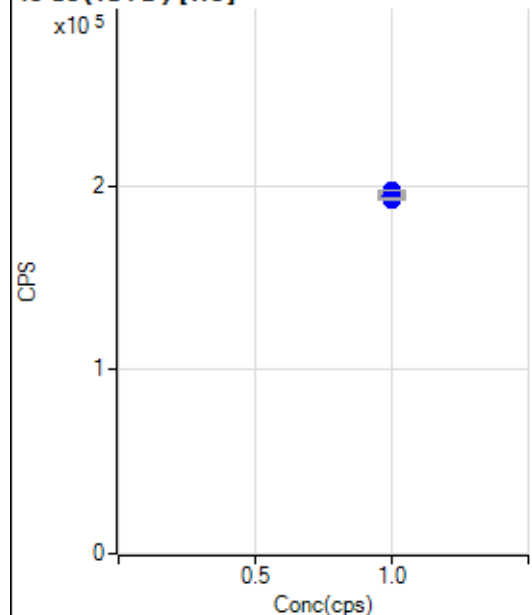
Min Conc: 0

6 Li (ISTD) [No Gas]

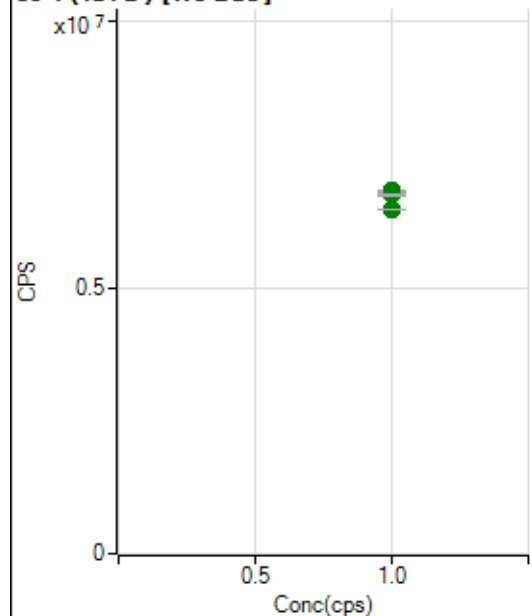
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		475230.58		P	0.1
2	☐	1.000					
3	☐	1.000		474102.37		P	0.4
4	☐	1.000		476929.96		P	0.7
5	☐	1.000		476971.97		P	0.5
6	☐	1.000		479509.73		P	0.2
7	☐	1.000		471464.65		P	0.8
8	☐	1.000		471432.62		P	0.1
9	☐	1.000		448446.08		P	0.2

45 Sc (ISTD) [No Gas]

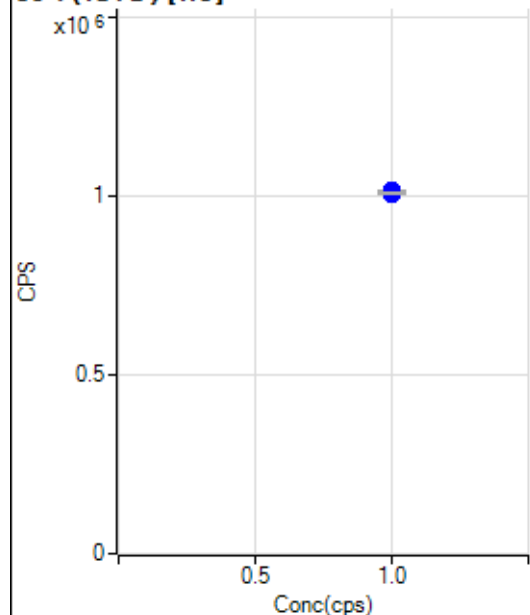
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4280218.11		P	0.8
2	☐	1.000					
3	☐	1.000		4268280.74		P	0.2
4	☐	1.000		4293436.08		P	0.6
5	☐	1.000		4281022.97		P	0.2
6	☐	1.000		4324328.39		P	0.3
7	☐	1.000		4313646.02		P	0.3
8	☐	1.000		4285707.08		P	1.4
9	☐	1.000		4120853.35		P	0.5

45 Sc (ISTD) [He]

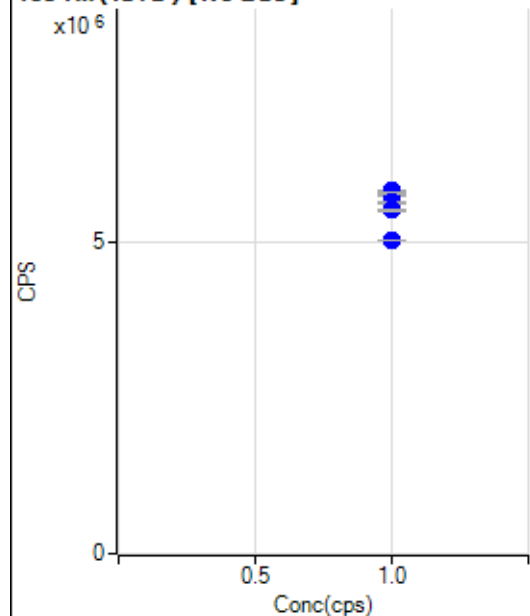
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		193793.13		P	0.3
2	☐	1.000					
3	☐	1.000		193986.25		P	0.3
4	☐	1.000		193626.46		P	0.2
5	☐	1.000		194285.99		P	0.5
6	☐	1.000		194567.71		P	0.8
7	☐	1.000		196285.59		P	0.6
8	☐	1.000		197353.79		P	0.2
9	☐	1.000		192987.70		P	1.0

89 Y (ISTD) [No Gas]

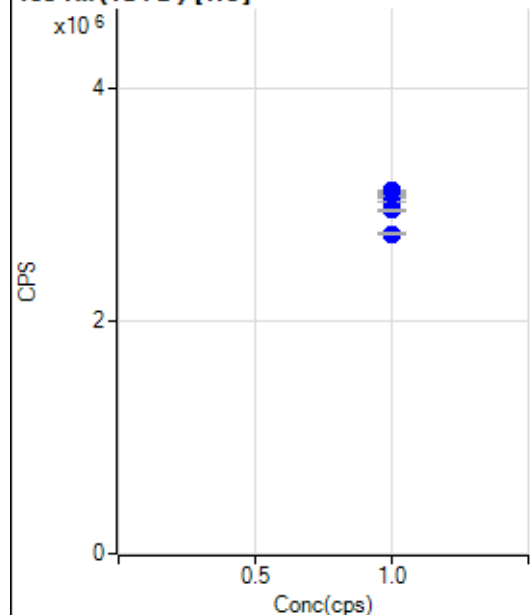
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6755051.99		A	0.8
2	☐	1.000					
3	☐	1.000		6738488.72		A	0.2
4	☐	1.000		6741706.50		A	0.5
5	☐	1.000		6768766.77		A	0.3
6	☐	1.000		6811827.68		A	0.1
7	☐	1.000		6752522.26		A	0.7
8	☐	1.000		6737251.22		A	0.1
9	☐	1.000		6463183.86		A	0.2

89 Y (ISTD) [He]

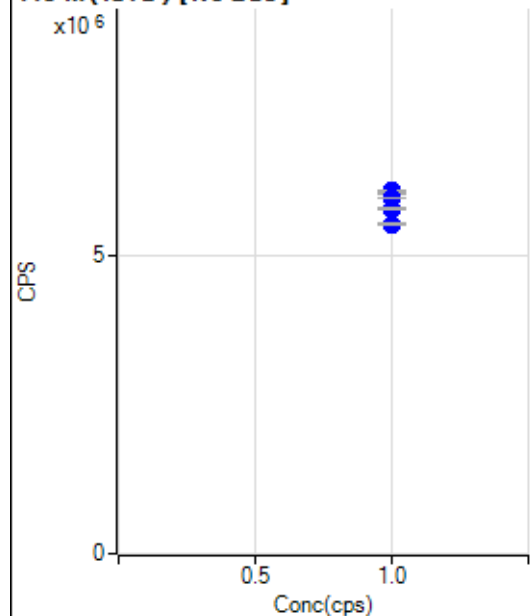
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1011089.79		P	0.3
2	☐	1.000					
3	☐	1.000		1009039.72		P	0.8
4	☐	1.000		1009457.55		P	0.1
5	☐	1.000		1006896.93		P	0.2
6	☐	1.000		1012026.35		P	0.6
7	☐	1.000		1014835.29		P	0.7
8	☐	1.000		1014495.93		P	0.8
9	☐	1.000		1007825.46		P	0.7

103 Rh (ISTD) [No Gas]

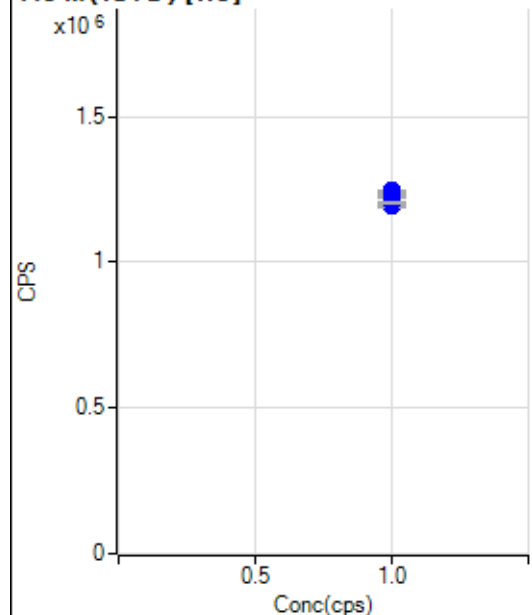
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5807395.70		P	0.7
2	☐	1.000					
3	☐	1.000		5796024.18		P	0.3
4	☐	1.000		5773950.26		P	0.4
5	☐	1.000		5746774.21		P	0.2
6	☐	1.000		5770448.87		P	0.3
7	☐	1.000		5624295.35		P	0.6
8	☐	1.000		5499743.74		P	0.7
9	☐	1.000		5012716.95		P	0.2

103 Rh (ISTD) [He]

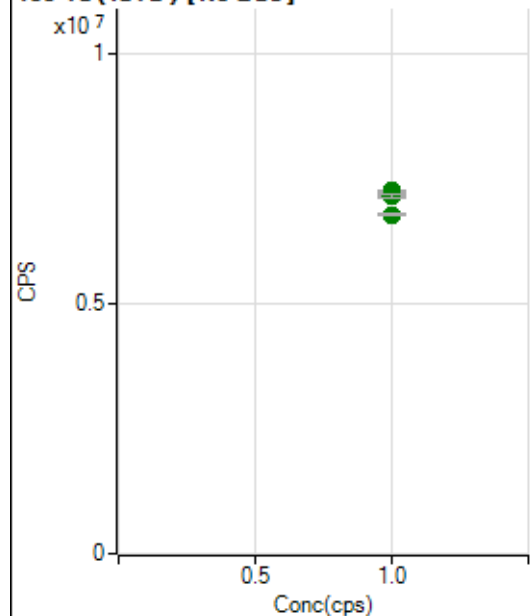
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3124720.44		P	0.4
2	☐	1.000					
3	☐	1.000		3121445.47		P	0.4
4	☐	1.000		3101765.37		P	0.4
5	☐	1.000		3079050.89		P	0.1
6	☐	1.000		3067146.90		P	0.6
7	☐	1.000		3027754.19		P	0.2
8	☐	1.000		2959788.99		P	0.5
9	☐	1.000		2754760.55		P	0.4

115 In (ISTD) [No Gas]

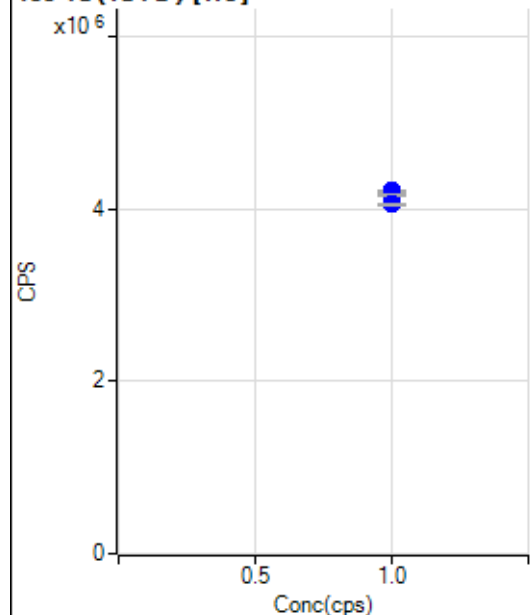
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6053068.48		M	0.4
2	☐	1.000					
3	☐	1.000		6057121.07		P	0.1
4	☐	1.000		6072948.00		M	0.5
5	☐	1.000		6036524.19		M	0.5
6	☐	1.000		6083382.24		P	0.4
7	☐	1.000		5962527.68		P	0.3
8	☐	1.000		5779964.57		P	0.7
9	☐	1.000		5521287.47		P	0.3

115 In (ISTD) [He]

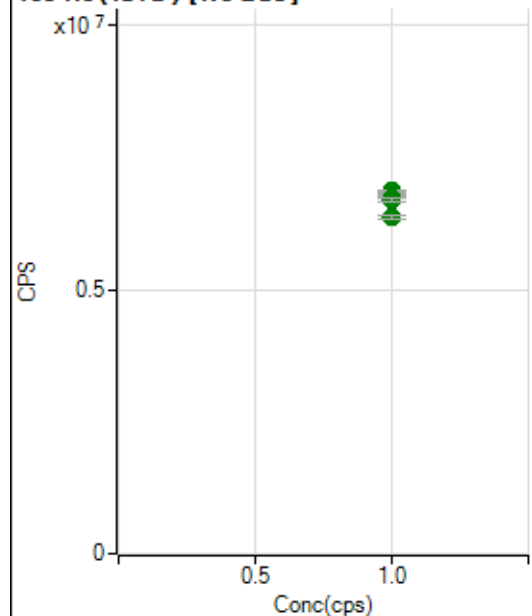
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1245227.85		P	0.7
2	☐	1.000					
3	☐	1.000		1243652.25		P	0.3
4	☐	1.000		1240772.13		P	0.2
5	☐	1.000		1232398.20		P	0.4
6	☐	1.000		1233081.61		P	0.5
7	☐	1.000		1222272.19		P	0.1
8	☐	1.000		1193772.88		P	0.5
9	☐	1.000		1204782.14		P	0.8

159 Tb (ISTD) [No Gas]

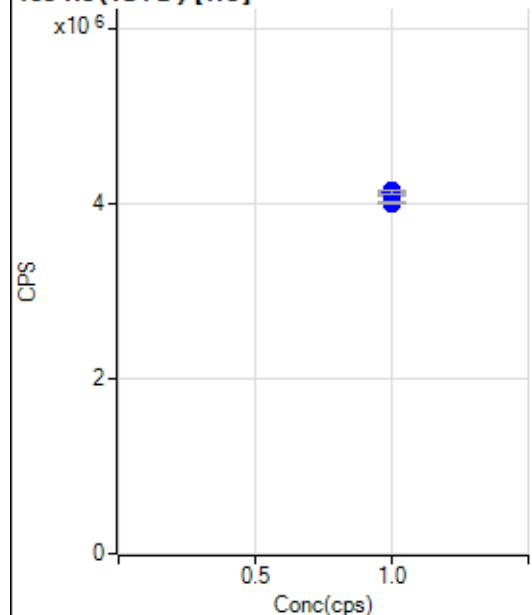
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7268670.10		A	0.2
2	☐	1.000					
3	☐	1.000		7214527.60		A	0.9
4	☐	1.000		7198665.38		A	0.1
5	☐	1.000		7223548.71		A	0.4
6	☐	1.000		7260950.24		A	0.4
7	☐	1.000		7196244.89		A	0.4
8	☐	1.000		7166387.81		A	1.1
9	☐	1.000		6787227.19		A	0.8

159 Tb (ISTD) [He]

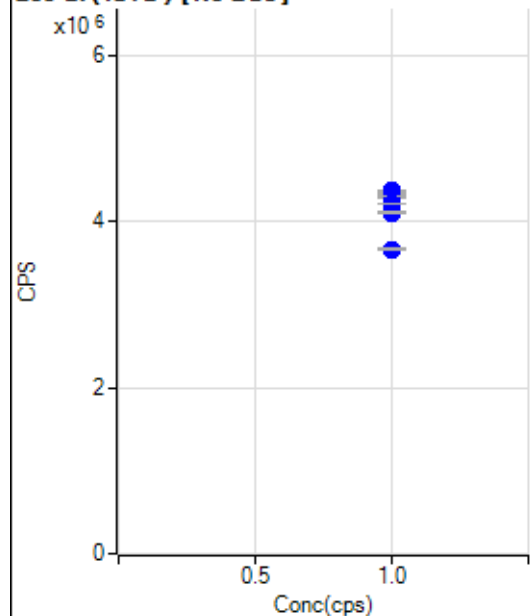
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4172070.01		P	0.3
2	☐	1.000					
3	☐	1.000		4168274.35		P	0.3
4	☐	1.000		4162092.23		P	0.5
5	☐	1.000		4185147.33		P	0.6
6	☐	1.000		4156154.97		P	0.5
7	☐	1.000		4208209.69		P	0.3
8	☐	1.000		4160852.47		P	0.8
9	☐	1.000		4048827.75		P	0.8

165 Ho (ISTD) [No Gas]

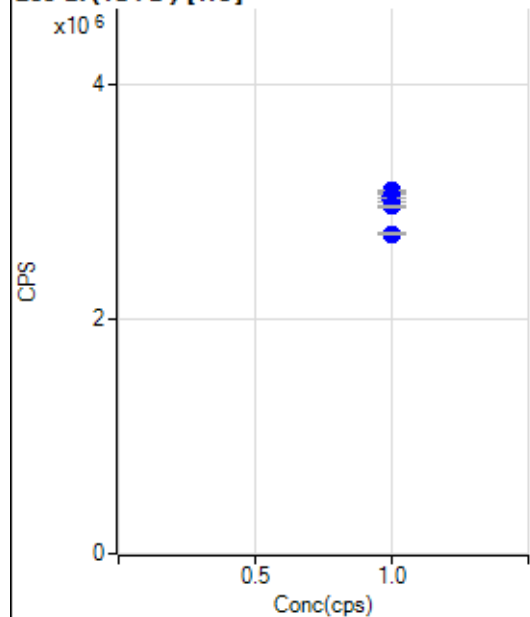
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6822960.53		A	0.5
2	☐	1.000					
3	☐	1.000		6744523.15		A	0.6
4	☐	1.000		6757369.42		A	0.5
5	☐	1.000		6733714.60		A	0.2
6	☐	1.000		6866634.61		A	0.3
7	☐	1.000		6740274.97		A	0.2
8	☐	1.000		6703749.63		A	1.0
9	☐	1.000		6361216.25		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4116109.49		P	0.1
2	☐	1.000					
3	☐	1.000		4105261.78		P	0.5
4	☐	1.000		4132003.62		P	0.6
5	☐	1.000		4107004.10		P	1.0
6	☐	1.000		4128393.37		P	0.3
7	☐	1.000		4152294.80		P	0.6
8	☐	1.000		4130064.90		P	1.2
9	☐	1.000		4009776.47		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4372665.18		P	0.5
2	☐	1.000					
3	☐	1.000		4335634.73		P	0.1
4	☐	1.000		4314847.64		P	0.4
5	☐	1.000		4298781.64		P	0.5
6	☐	1.000		4305050.35		P	0.1
7	☐	1.000		4220653.55		P	0.2
8	☐	1.000		4112764.35		P	0.5
9	☐	1.000		3667990.88		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3089484.96		P	0.4
2	☐	1.000					
3	☐	1.000		3078552.38		P	0.5
4	☐	1.000		3083490.40		P	0.3
5	☐	1.000		3044558.63		P	0.7
6	☐	1.000		3025437.84		P	0.2
7	☐	1.000		3012452.73		P	0.7
8	☐	1.000		2958289.82		P	0.9
9	☐	1.000		2725102.41		P	1.0