

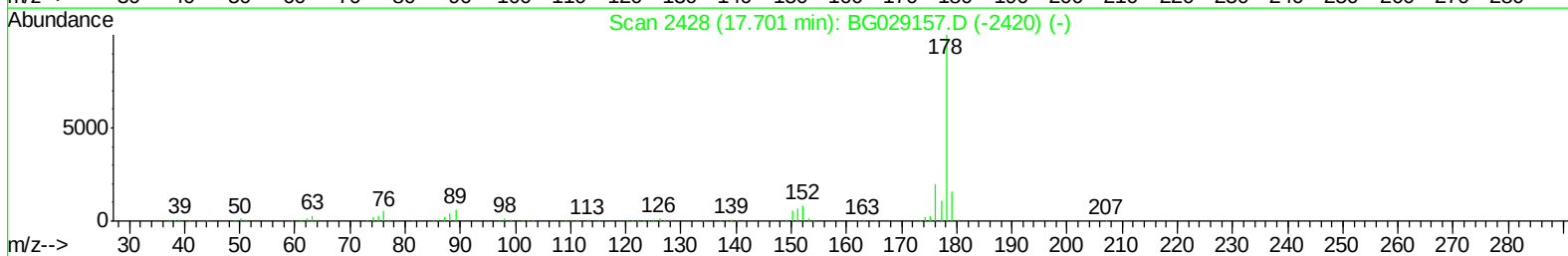
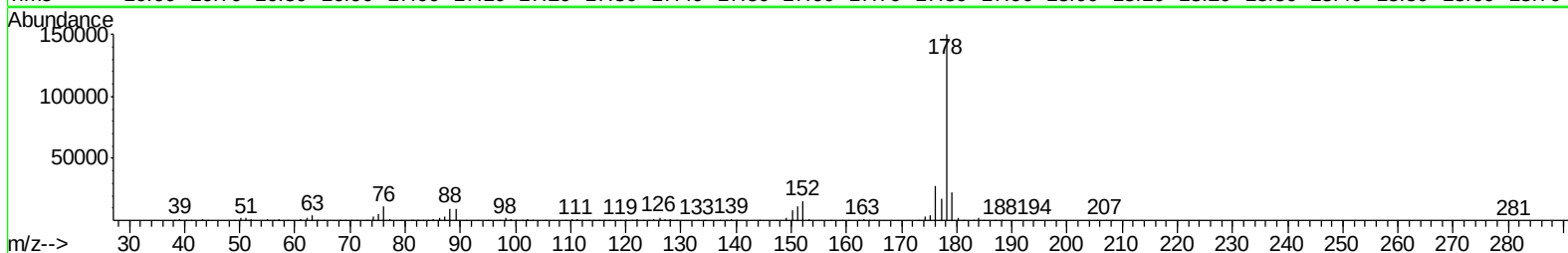
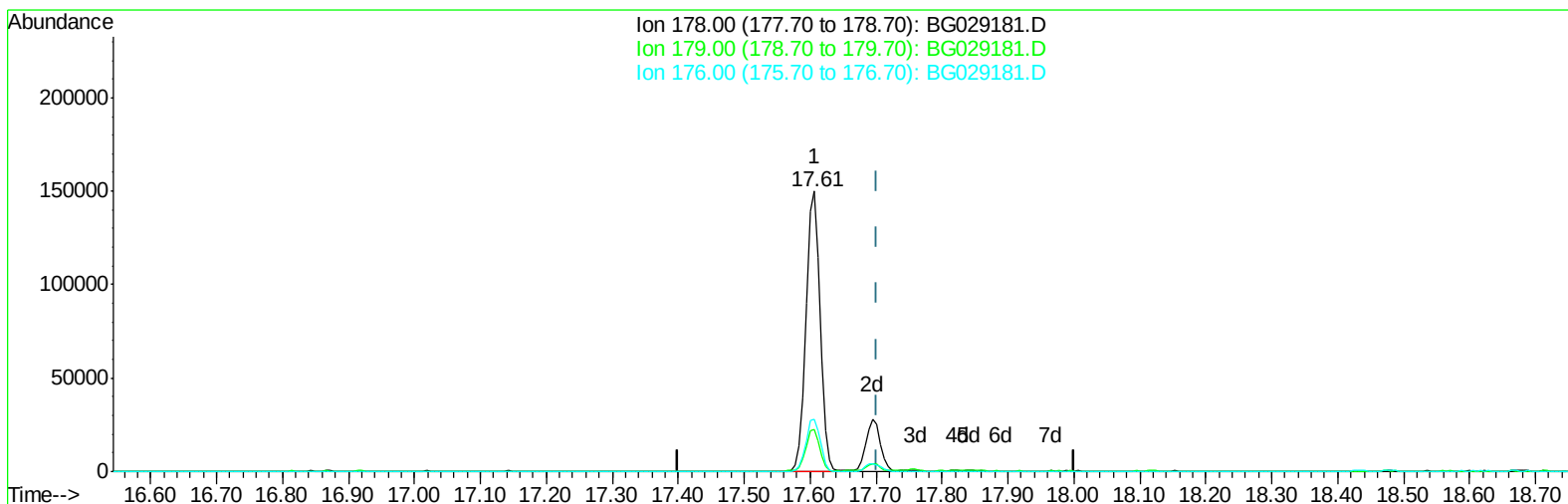
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3H3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



TIC: BG029181.D

(16) Anthracene

17.607min (-0.095) 10.37ng/ul

response 226517

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.00
176.00	19.60	18.85
0.00	0.00	0.00

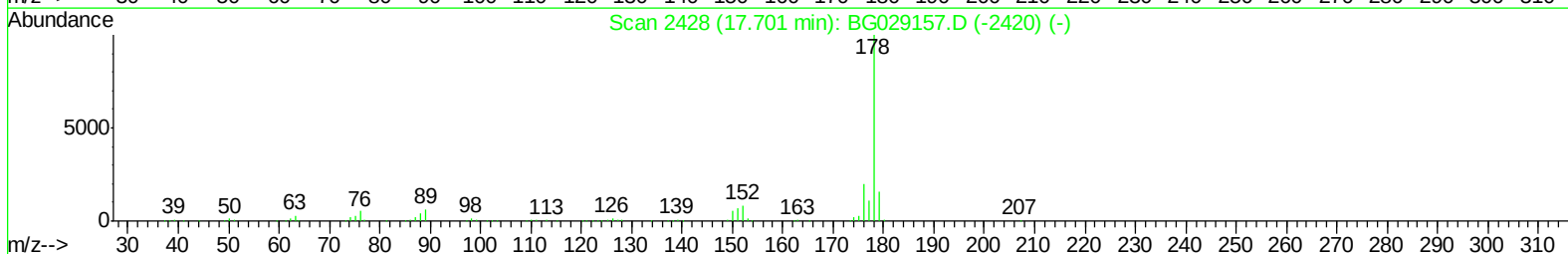
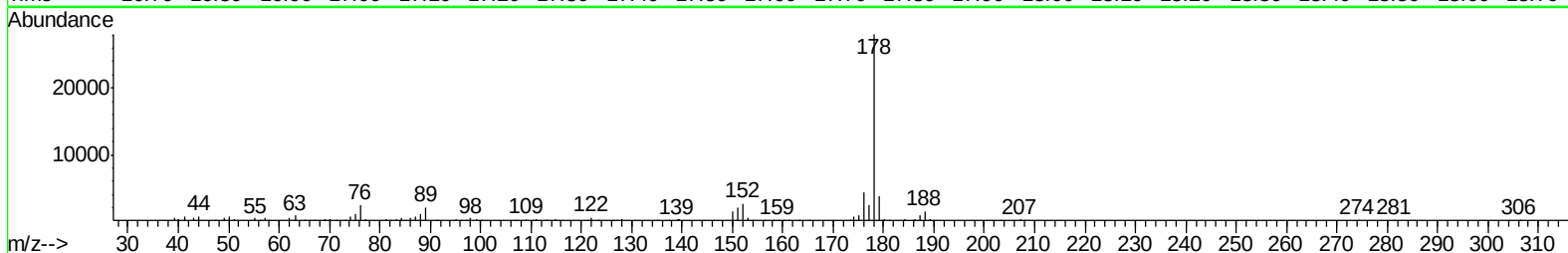
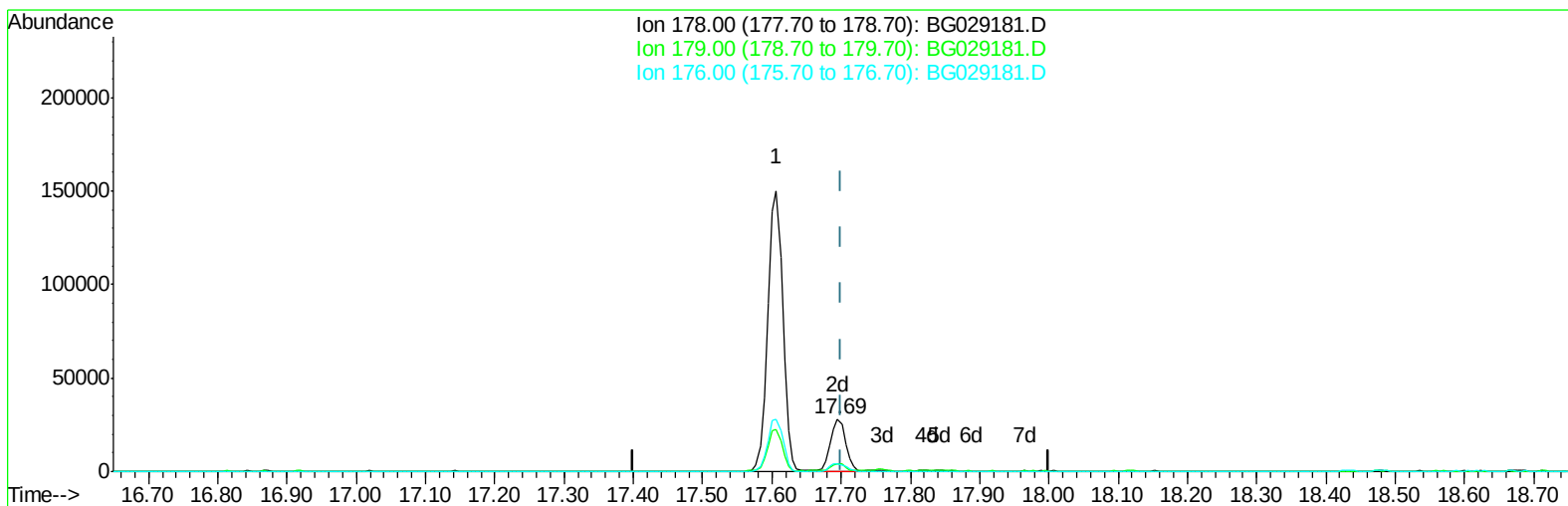
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3H3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



TIC: BG029181.D

(16) Anthracene

17.695min (-0.007) 2.01ng/ul m

response 43857

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	13.52
176.00	19.60	15.45#
0.00	0.00	0.00

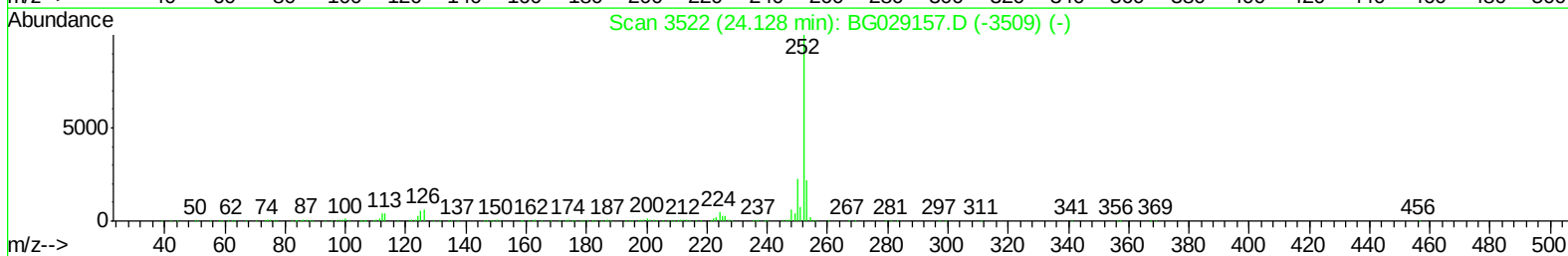
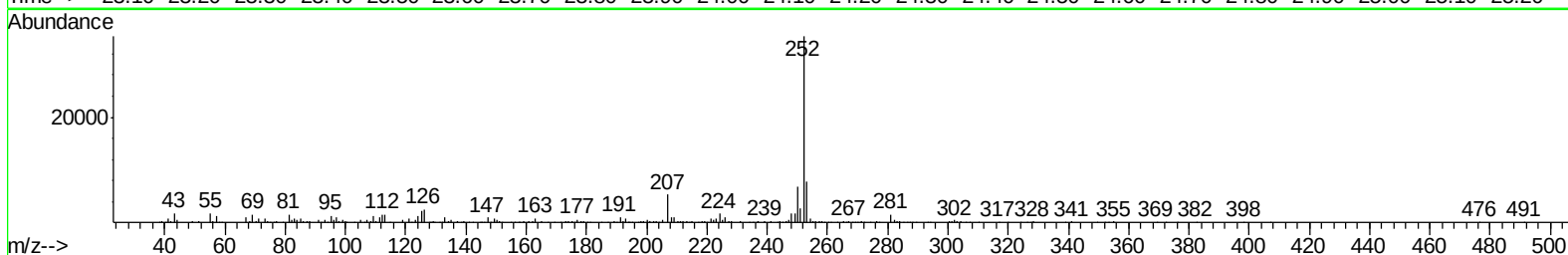
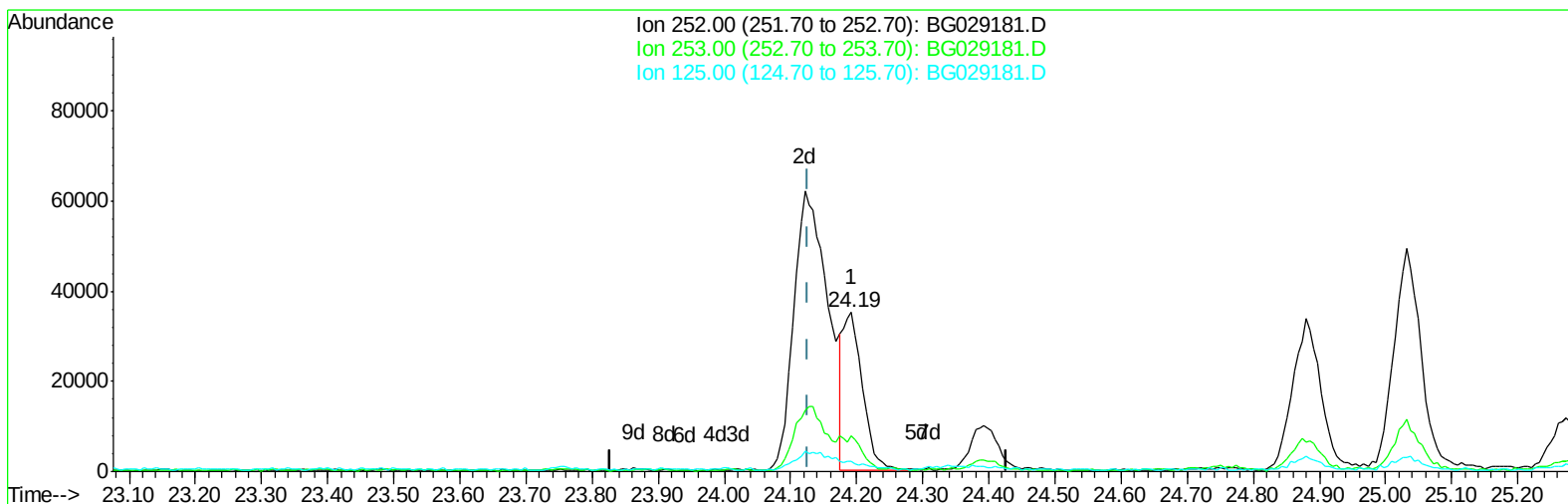
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



TIC: BG029181.D

(24) Benzo(b)fluoranthene

24.192min (+0.064) 3.28ng/ul

response 72100

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.51
125.00	5.60	6.37
0.00	0.00	0.00

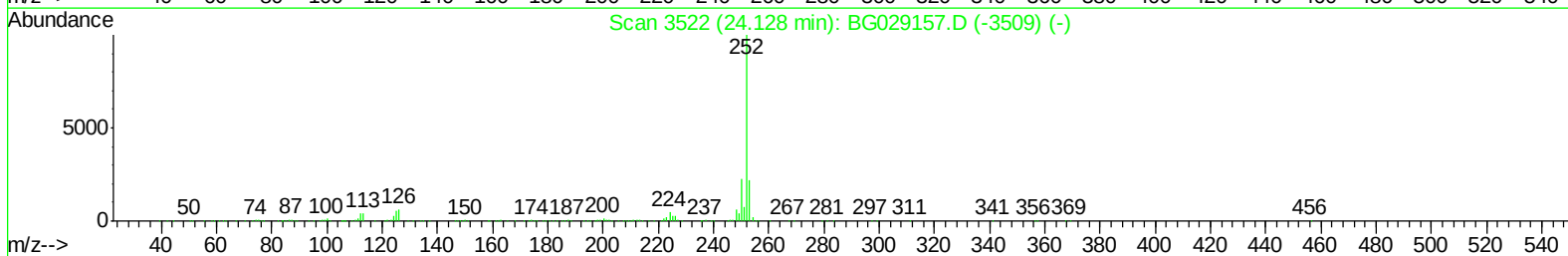
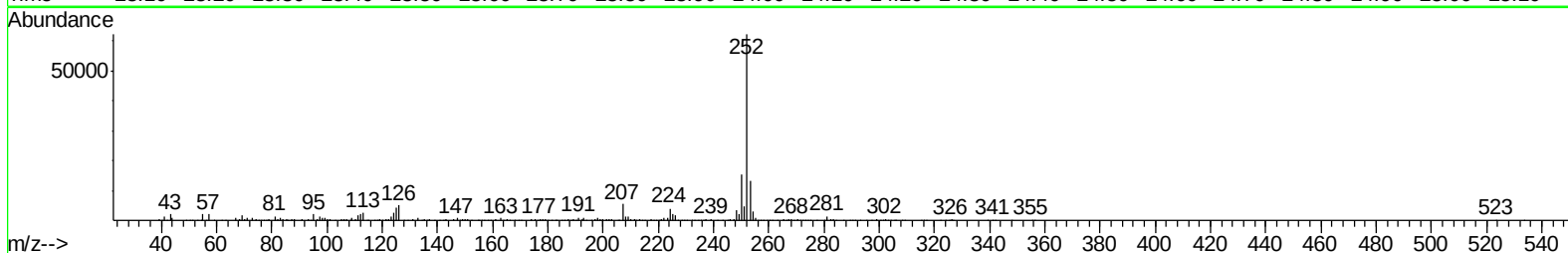
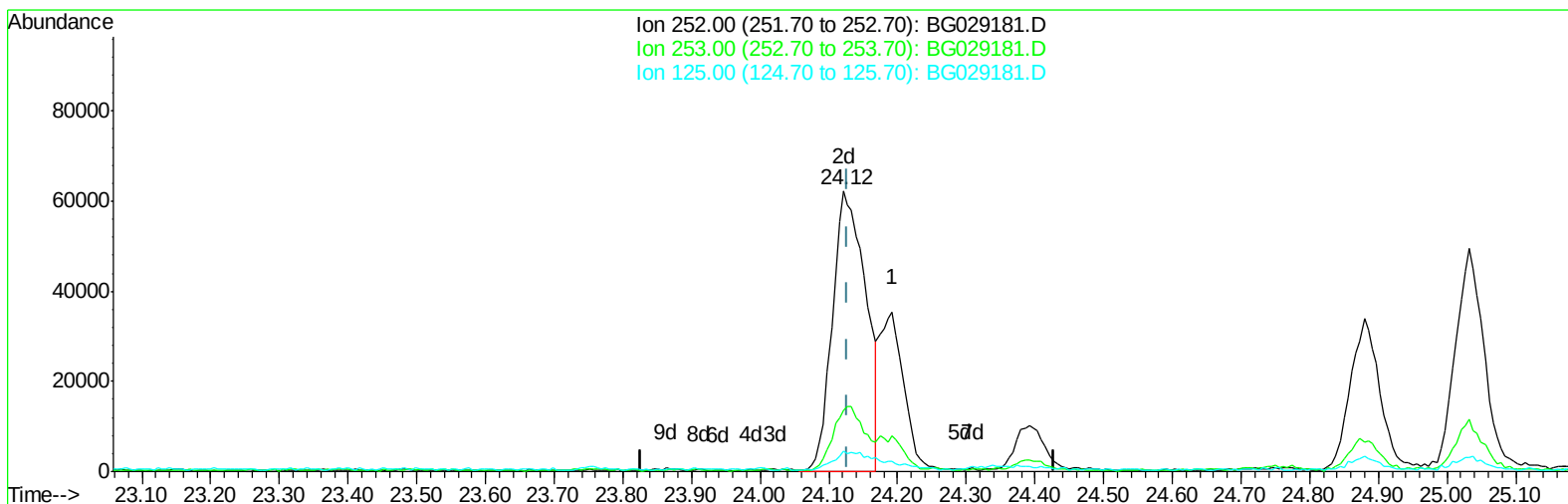
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3H3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



TIC: BG029181.D

(24) Benzo(b)fluoranthene

24.121min (-0.007) 9.60ng/ul m

response 210832

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.76
125.00	5.60	7.29#
0.00	0.00	0.00

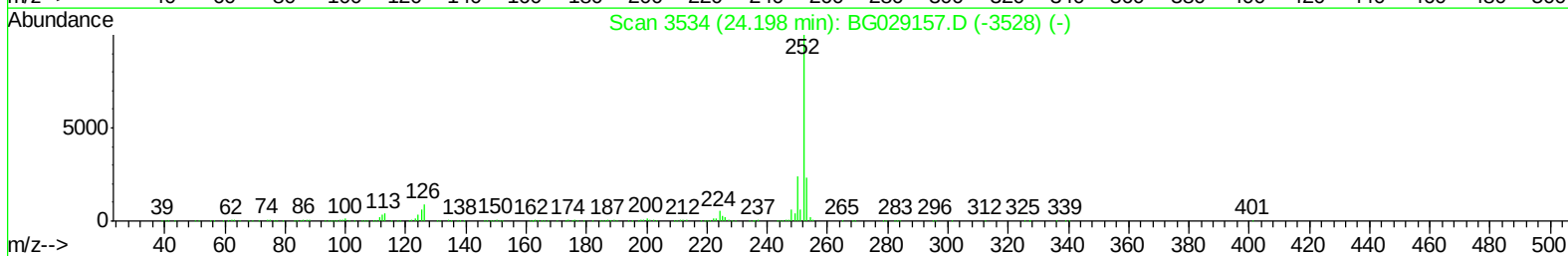
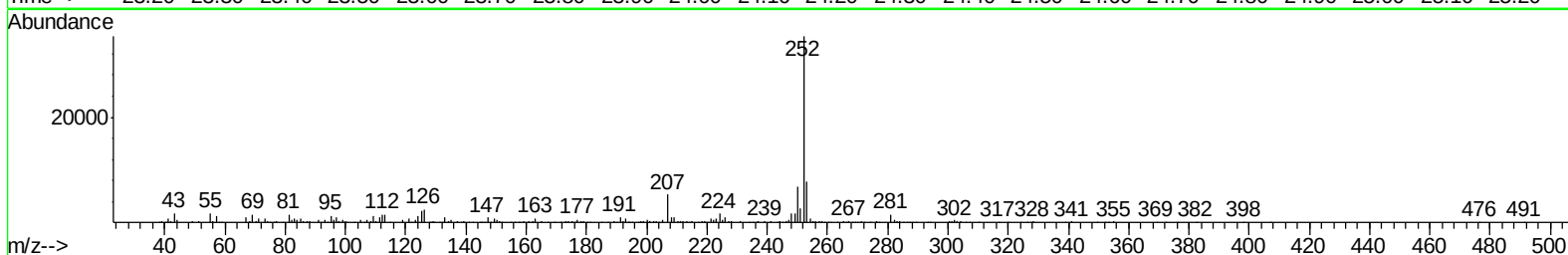
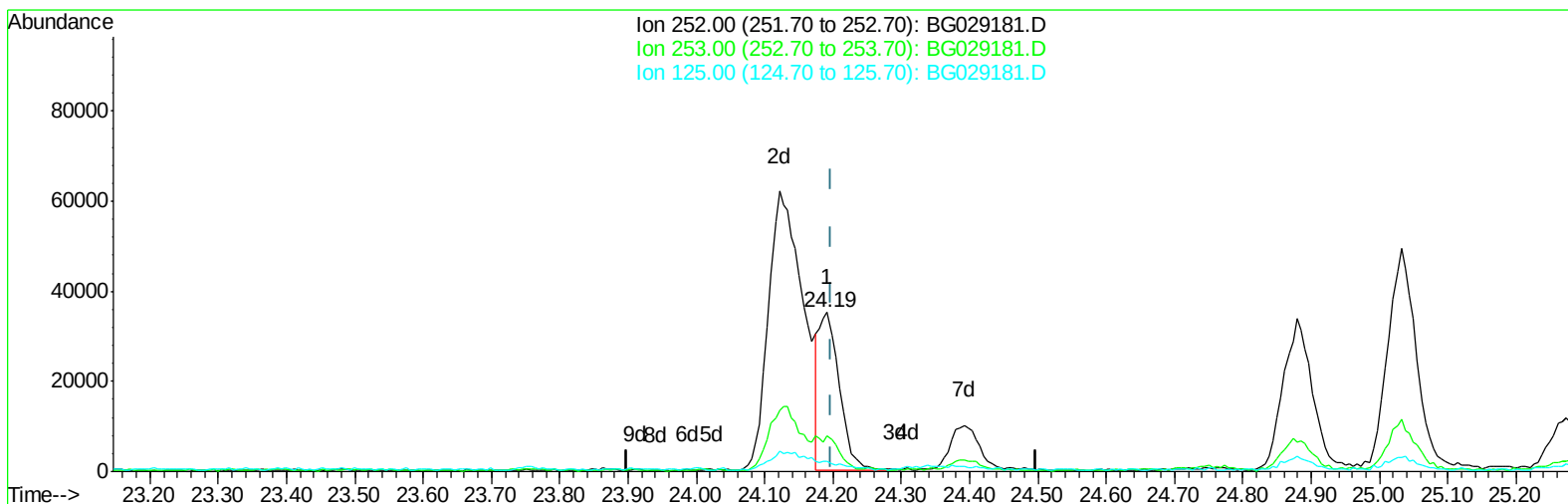
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3H3

Quant Time: Oct 12 08:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM



TIC: BG029181.D

(25) Benzo(k)fluoranthene

24.192min (-0.007) 3.33ng/ul

response 71963

Ion	Exp%	Act%
252.00	100	100
253.00	21.00	22.51
125.00	6.40	6.37
0.00	0.00	0.00

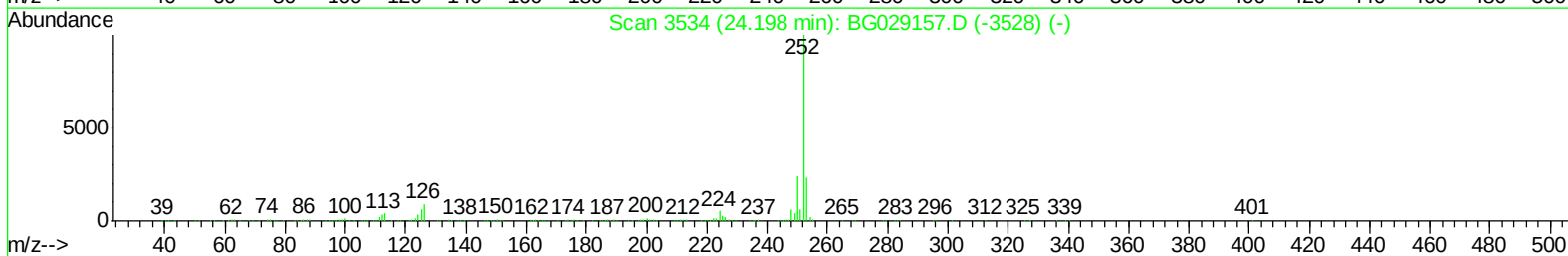
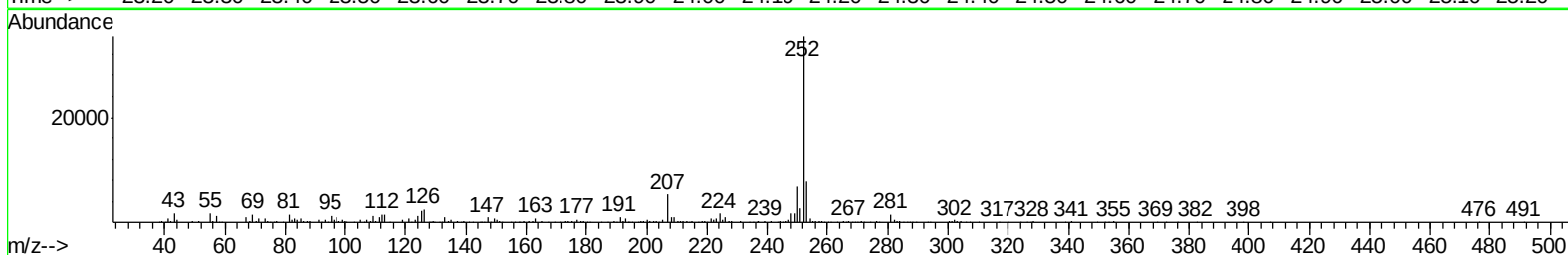
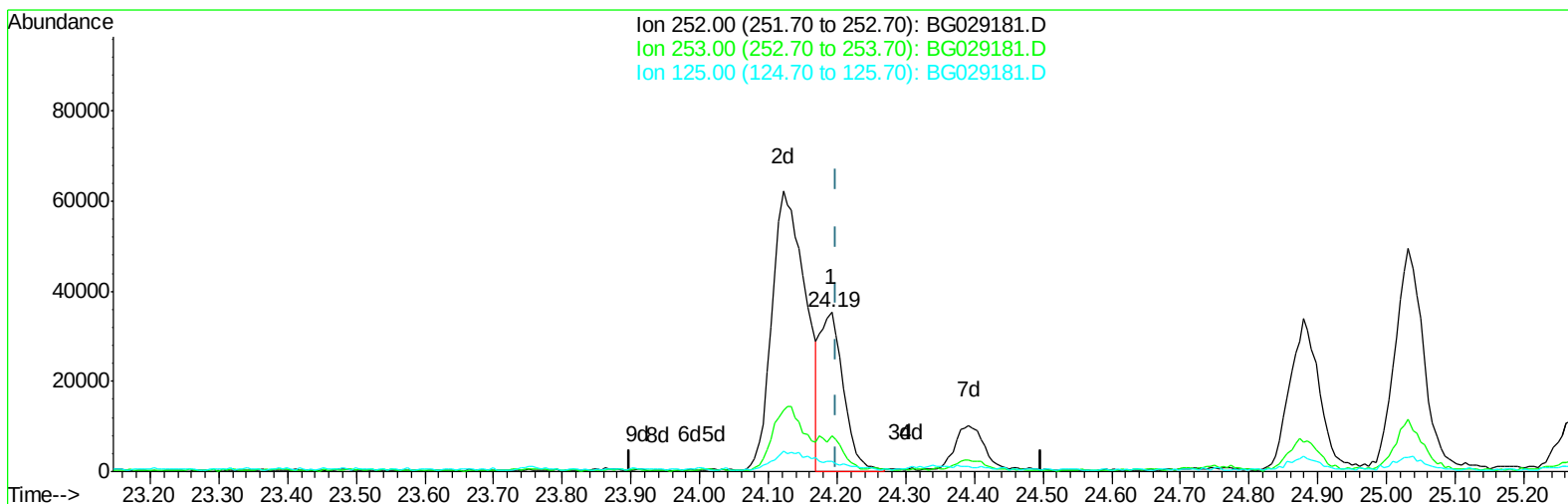
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3H3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



TIC: BG029181.D

(25) Benzo(k)fluoranthene

24.192min (-0.007) 3.91ng/ul m

response 84690

Ion	Exp%	Act%
252.00	100	100
253.00	21.00	22.51
125.00	6.40	6.37
0.00	0.00	0.00

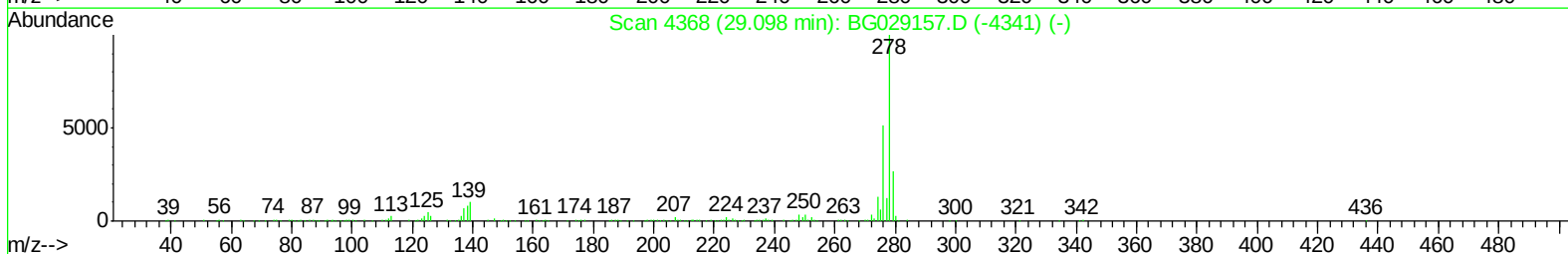
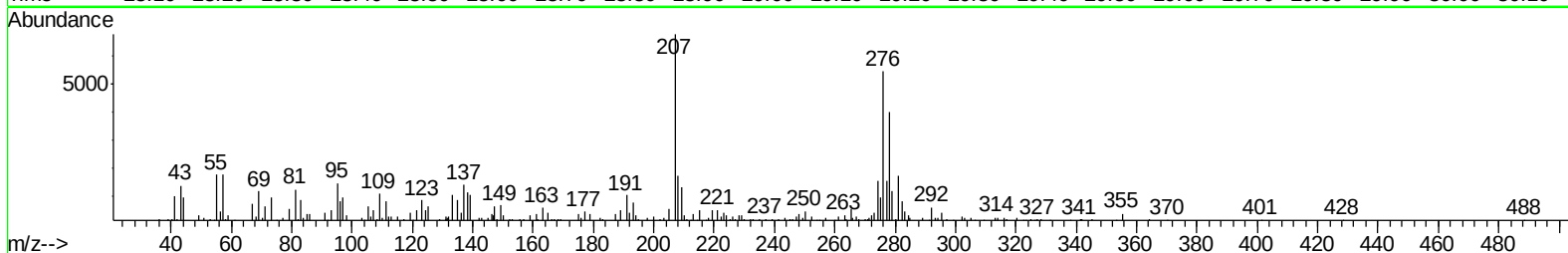
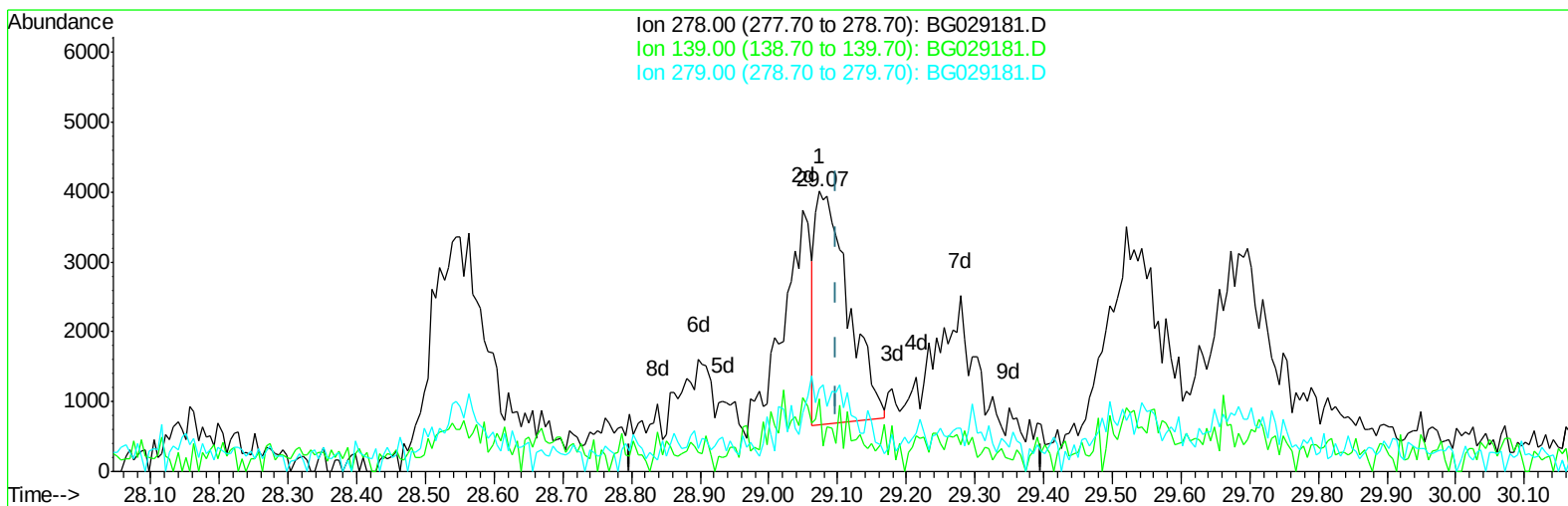
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029181.D
 Acq On : 12 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I5668-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H3

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
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TIC: BG029181.D

(29) Dibenzo(a,h)anthracene

29.074min (-0.024) 0.62ng/ul

response 11229

Ion	Exp%	Act%
278.00	100	100
139.00	10.40	25.96#
279.00	21.40	29.72#
0.00	0.00	0.00

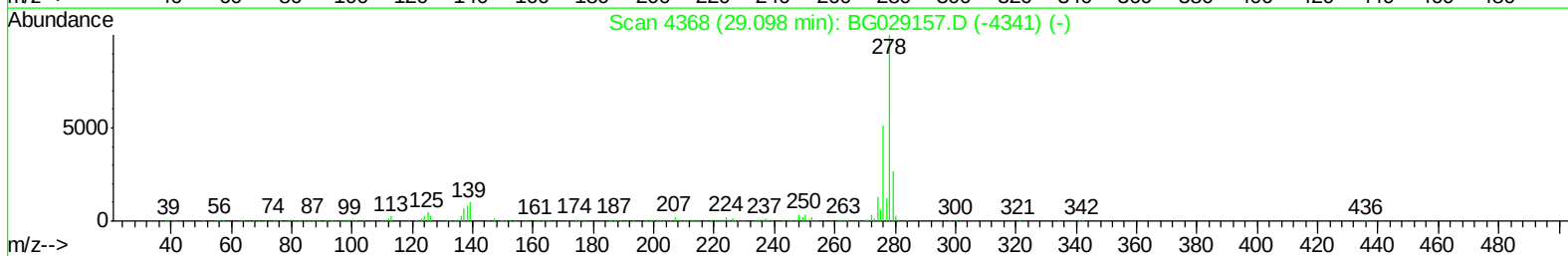
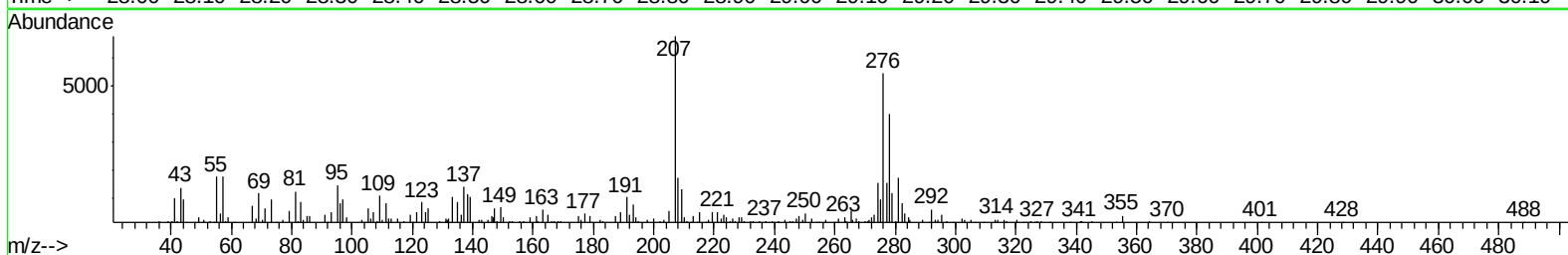
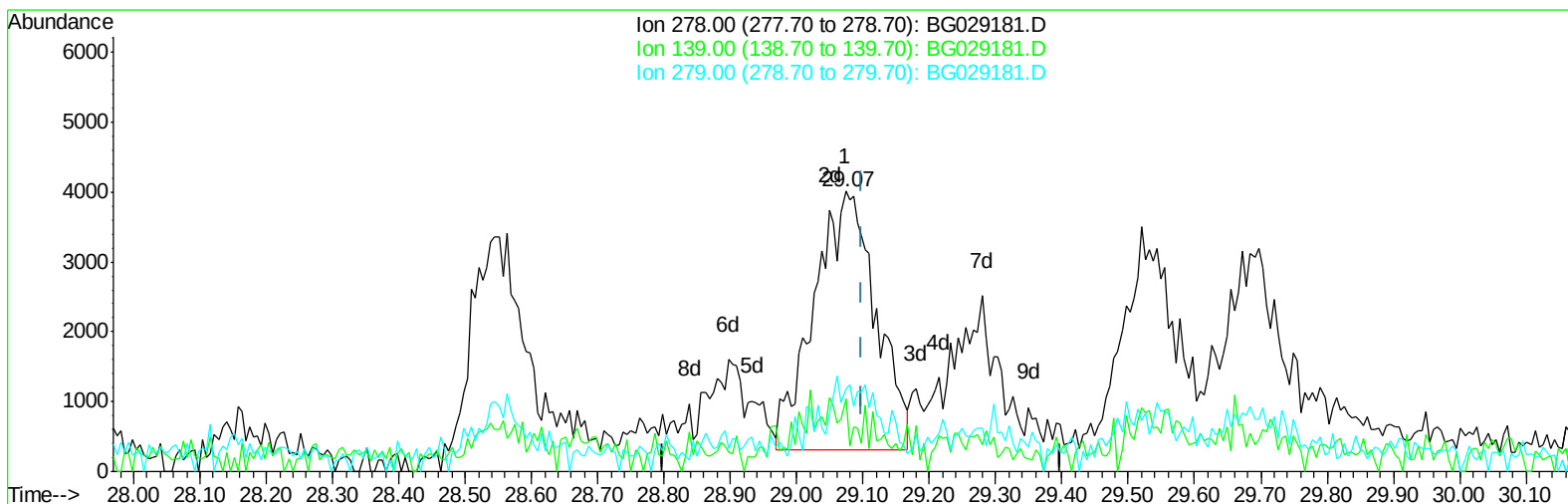
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029181.D
Acq On : 12 Oct 2017 1:21
Operator : SJ/JU
Sample : I5668-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3H3

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

Quant Time: Oct 12 08:54:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration



TIC: BG029181.D

(29) Dibenzo(a,h)anthracene

29.074min (-0.024) 1.32ng/ul m

response 23962

Ion	Exp%	Act%
278.00	100	100
139.00	10.40	25.96#
279.00	21.40	29.72#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029181.D
 Acq On : 12 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I5668-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H3

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:08:19 PM

Quant Time: Oct 12 09:50:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48229	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	208750	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	137380	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	393297	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	341597	20.00	ng/ul	0.00
23) Perylene-d12	25.18	264	356521	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	87364	21.89	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	341539	24.80	ng/ul	0.00
10) Fluorene-d10	15.81	176	253921	23.50	ng/ul	0.00
15) Anthracene-d10	17.66	188	464473	23.89	ng/ul	0.00
19) Pyrene-d10	19.93	212	471933	26.29	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	422754	23.71	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.89	153	9971	1.08	ng/ul	Qvalue 93
14) Phenanthrene	17.61	178	226517	10.63	ng/ul	100
16) Anthracene	17.69	178	43857m	2.01	ng/ul	
17) Fluoranthene	19.60	202	377853	15.07	ng/ul#	94
20) Pyrene	19.96	202	289032	13.96	ng/ul	97
21) Benzo(a)anthracene	21.82	228	166653	8.01	ng/ul	97
22) Chrysene	21.89	228	153904	8.19	ng/ul	100
24) Benzo(b)fluoranthene	24.12	252	210832m	9.60	ng/ul	
25) Benzo(k)fluoranthene	24.19	252	84690m	3.91	ng/ul	
27) Benzo(a)pyrene	25.03	252	137404	6.41	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	29.01	276	80793	3.95	ng/ul#	88
29) Dibenzo(a,h)anthracene	29.07	278	23962m	1.32	ng/ul	
30) Benzo(a,h,i)perylene	30.21	276	53480	3.75	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampled :
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Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:19 PM

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