

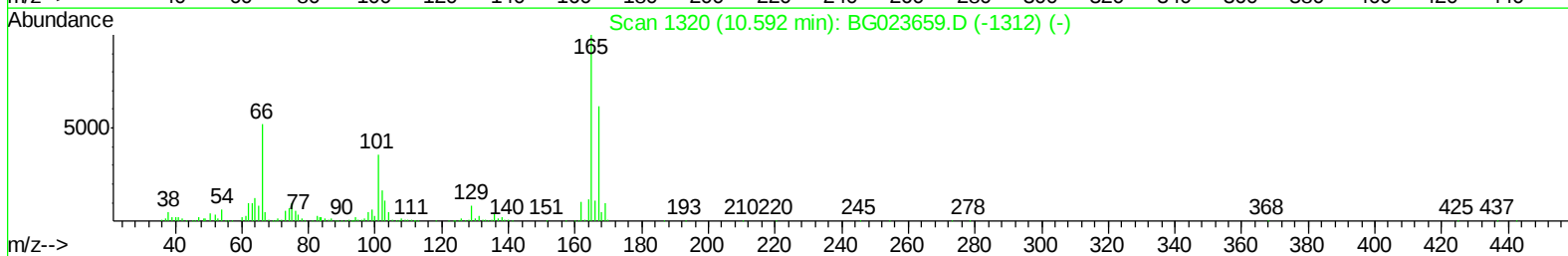
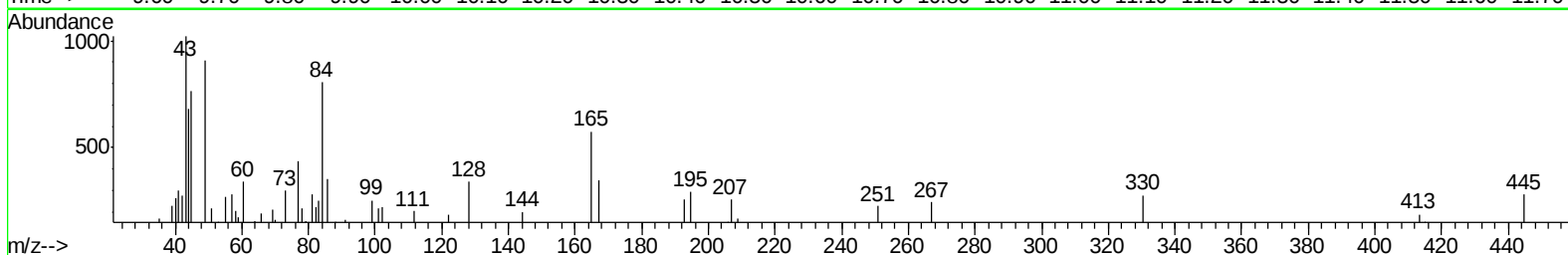
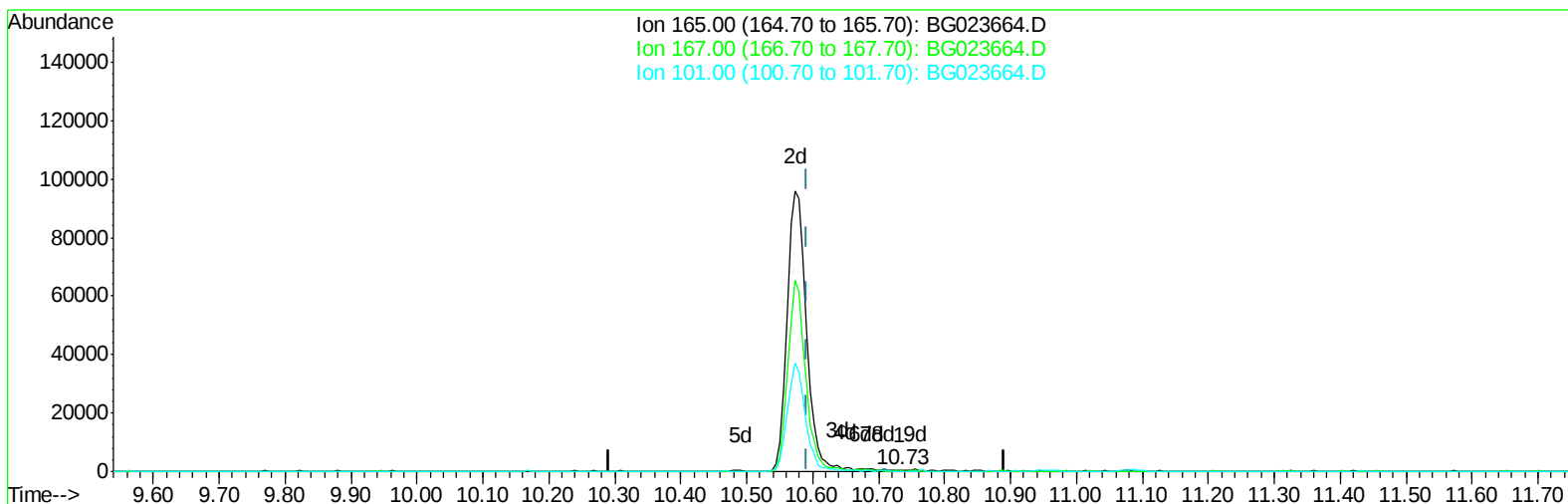
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Manual Integrations
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sohil
8/15/2016 6:49:52 PM

Quant Time: Aug 13 03:21:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration



TIC: BG023664.D

(26) 2,4-Dichlorophenol-d3 (S)

10.732min (+0.140) 0.04ng/ul

response 523

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	60.76
101.00	31.80	37.67
0.00	0.00	0.00

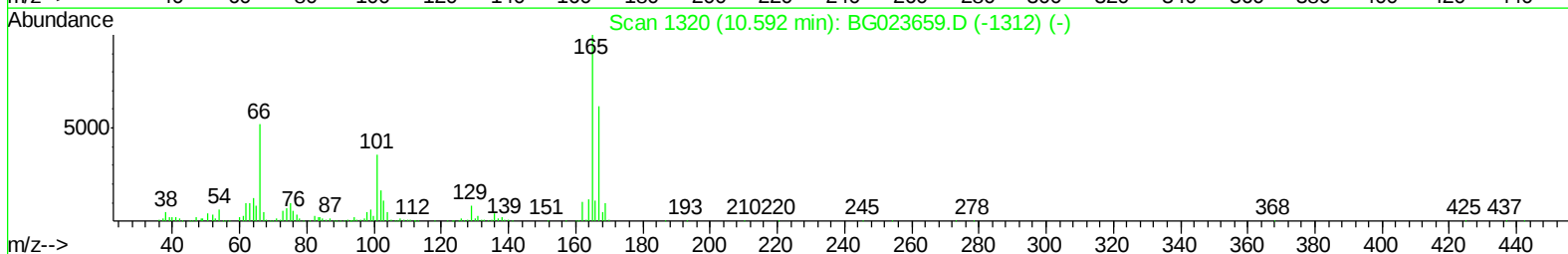
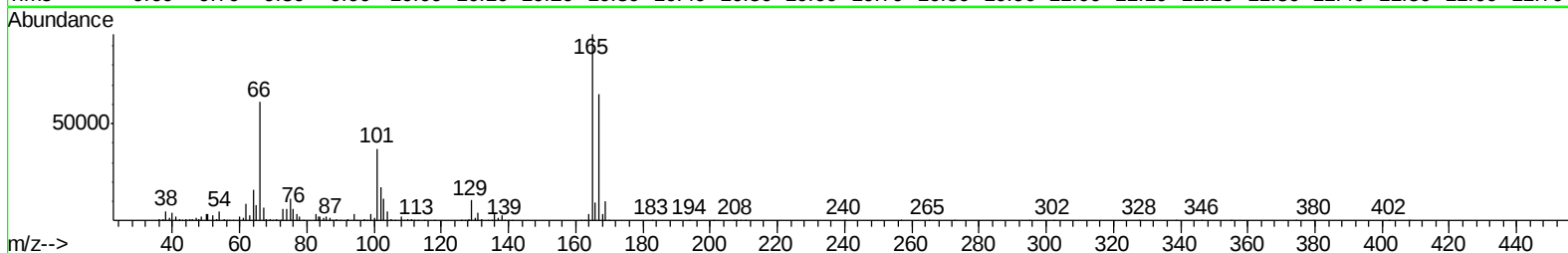
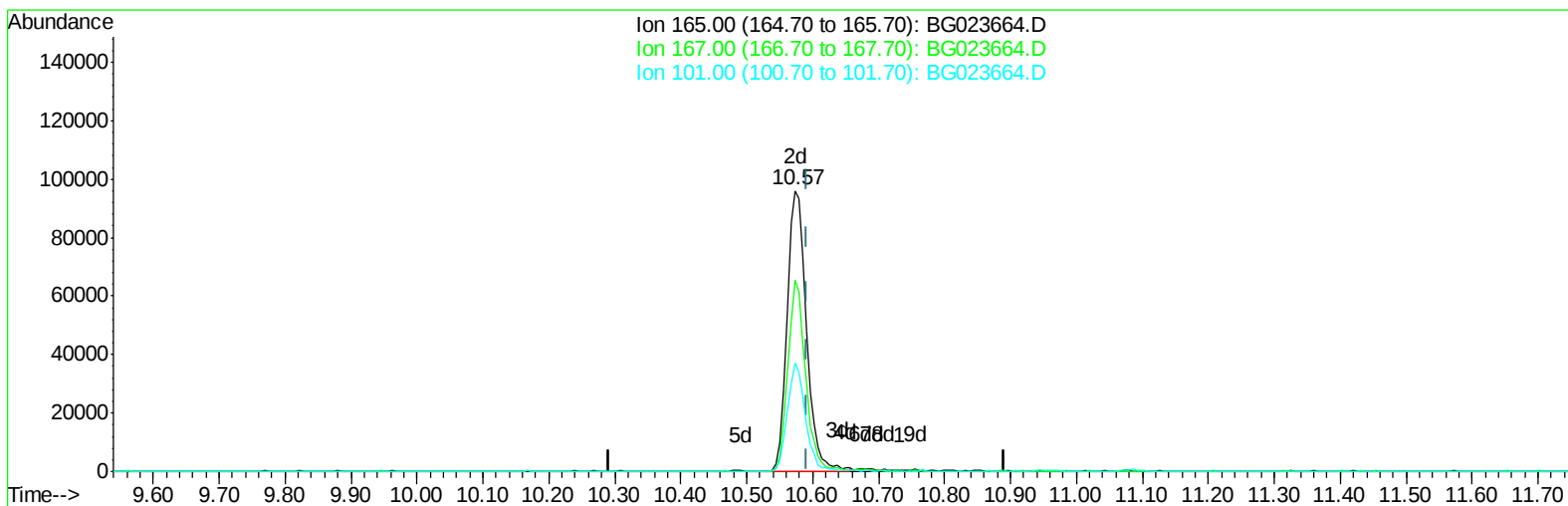
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: BG023664.D

(26) 2,4-Dichlorophenol-d3 (S)

10.573min (-0.019) 16.83ng/ul m

response 197811

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	68.01
101.00	31.80	38.48#
0.00	0.00	0.00

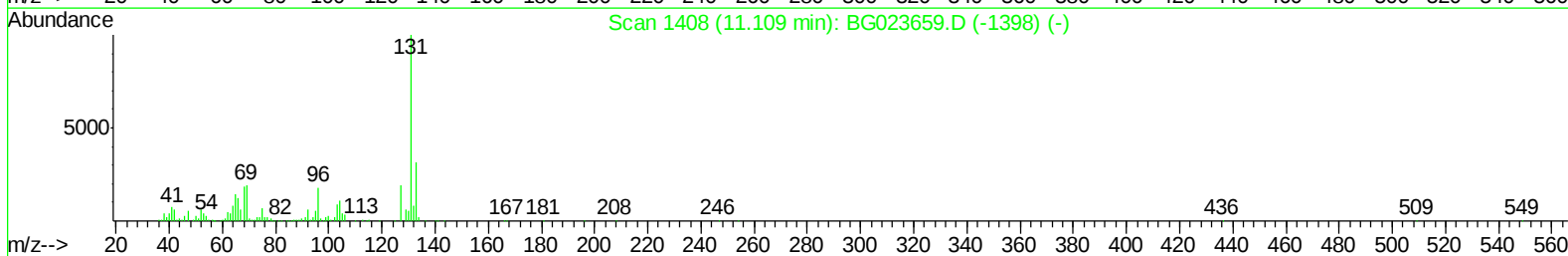
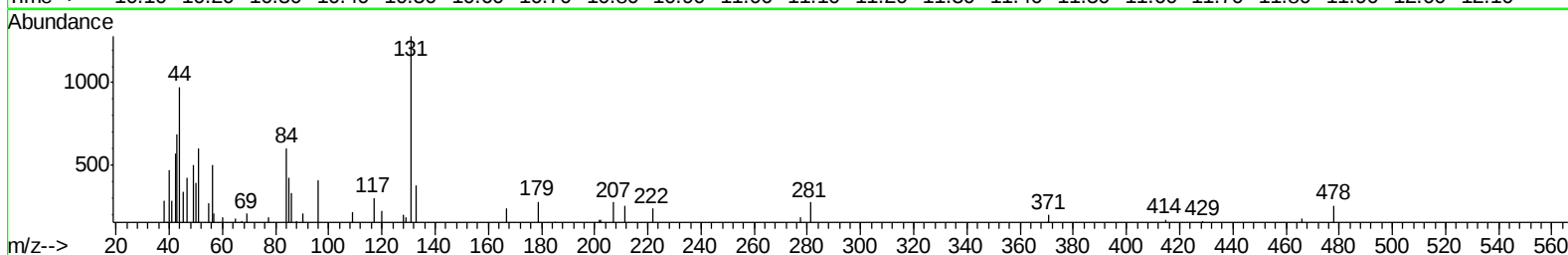
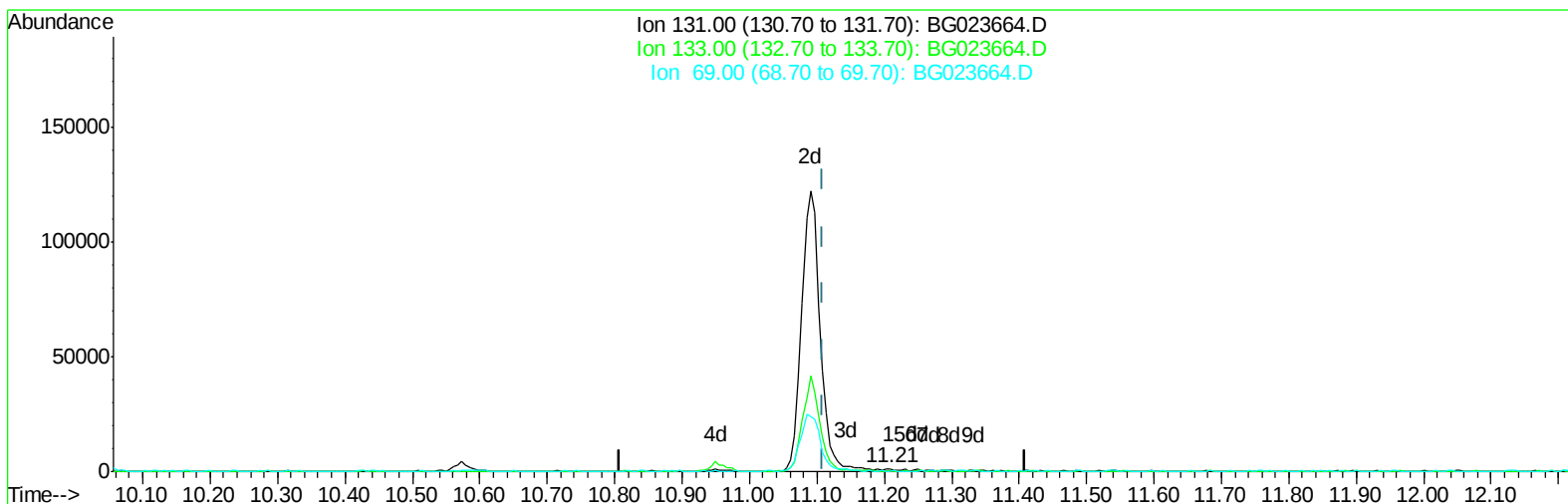
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: BG023664.D

(29) 4-Chloroaniline-d4 (S)
11.208min (+0.099) 0.07ng/ul
response 1017

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	29.31
69.00	15.40	15.74
0.00	0.00	0.00

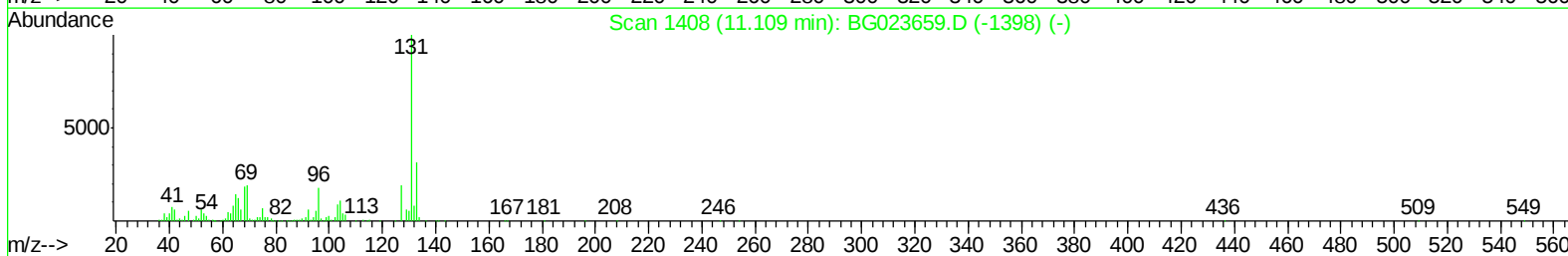
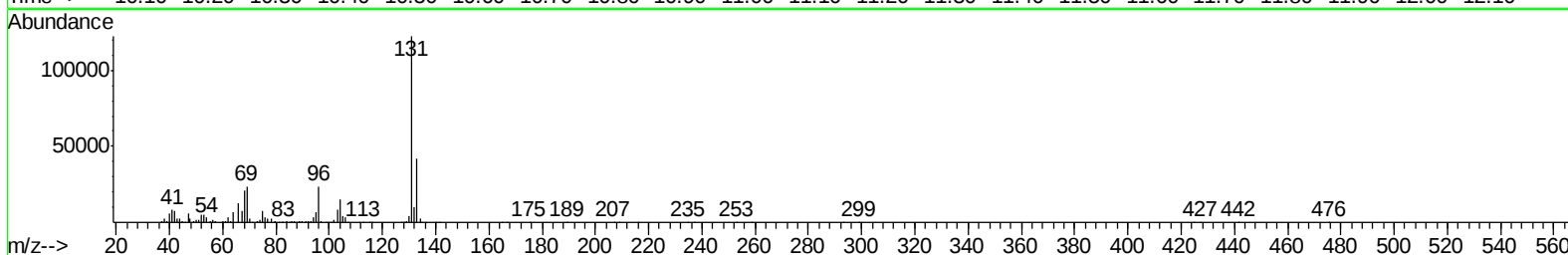
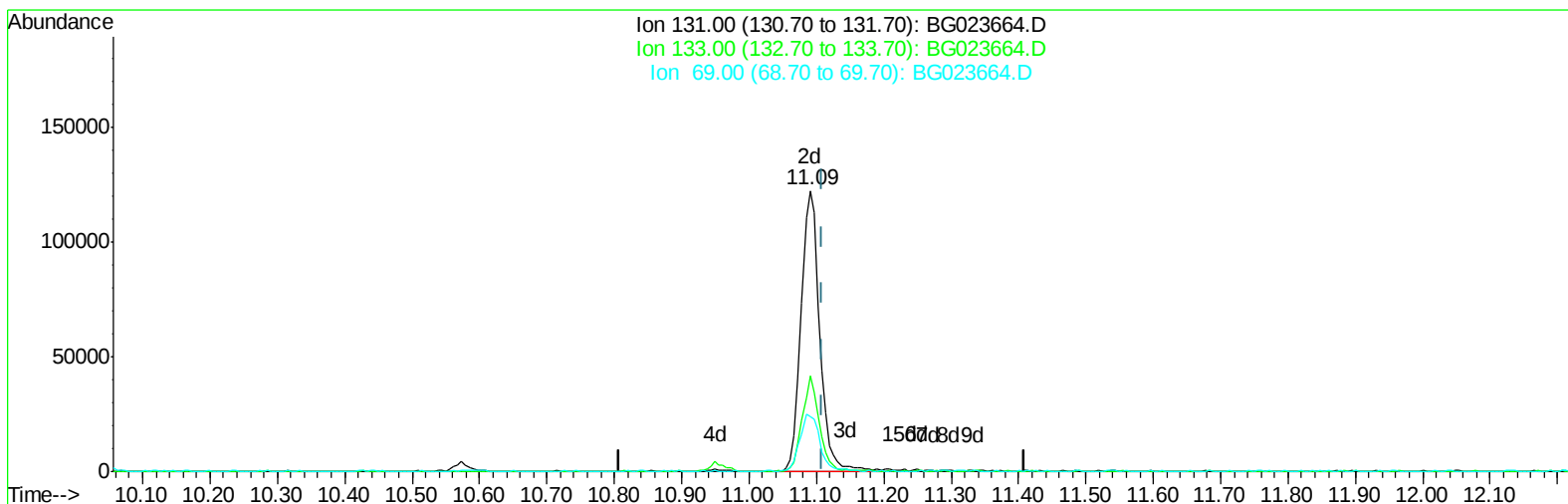
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration



TIC: BG023664.D

(29) 4-Chloroaniline-d4 (S)

11.090min (-0.019) 16.95ng/ul m

response 233626

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	34.02
69.00	15.40	19.50#
0.00	0.00	0.00

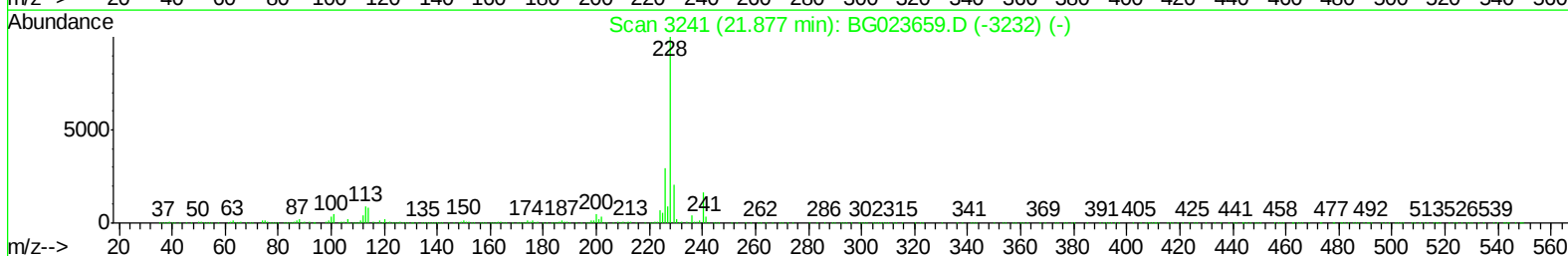
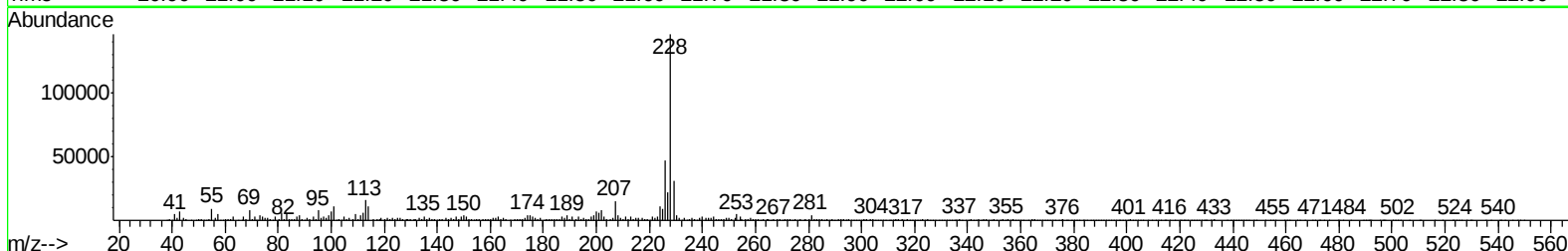
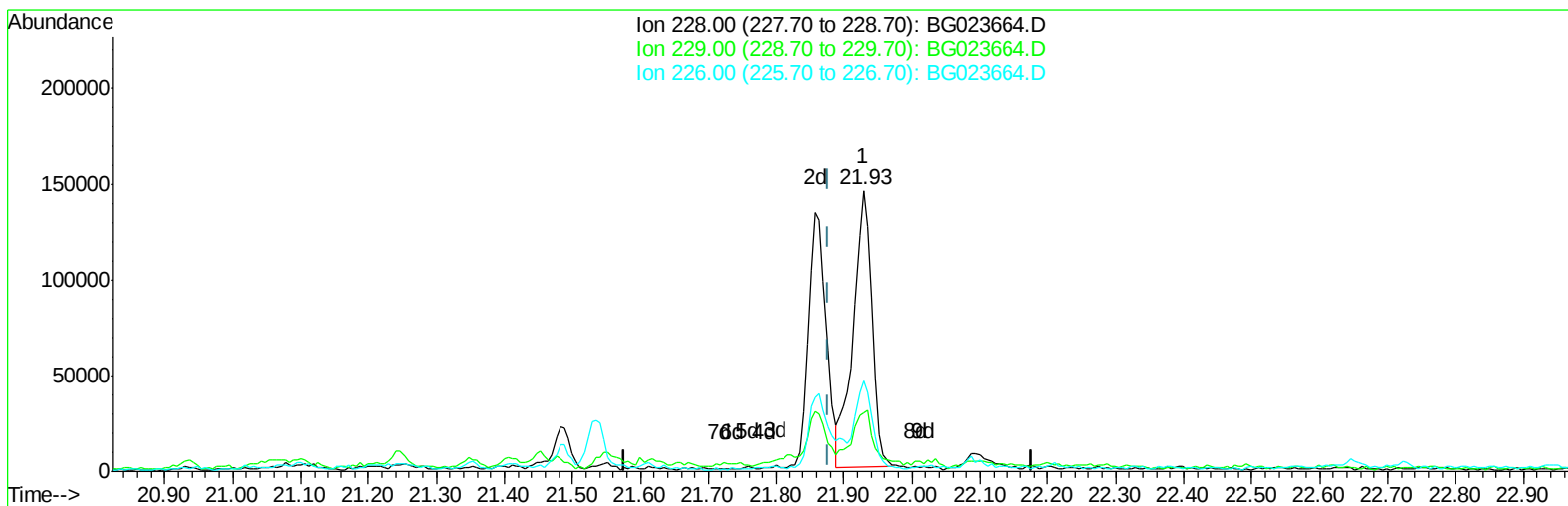
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023664.D
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 Operator : UM/SJ
 Sample : H4385-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG023664.D

(80) Benzo(a)anthracene
 21.929min (+0.052) 4.70ng/ul
 response 276016

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.05
226.00	28.50	32.13
0.00	0.00	0.00

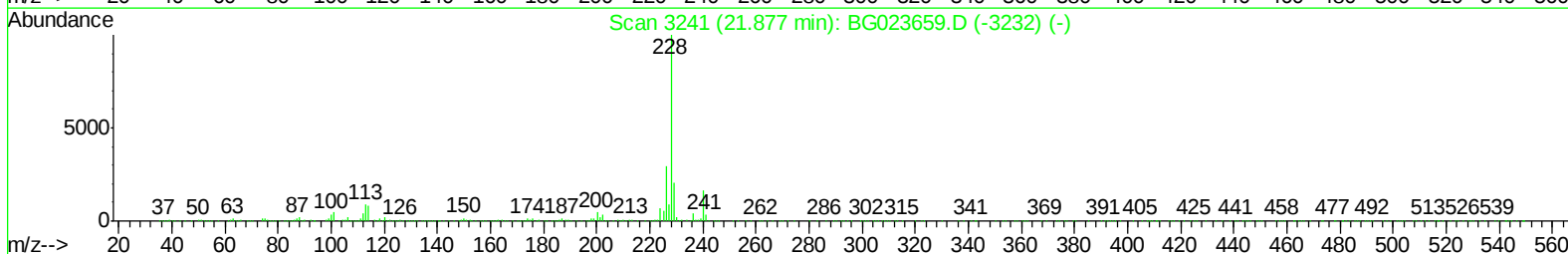
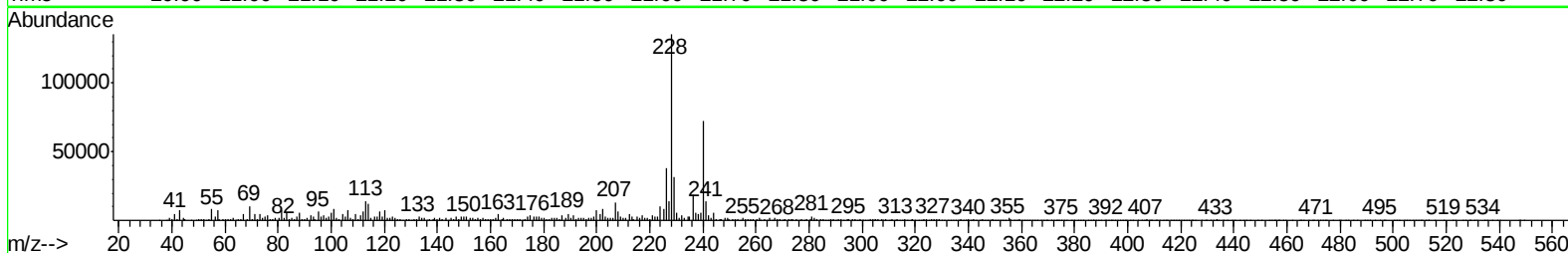
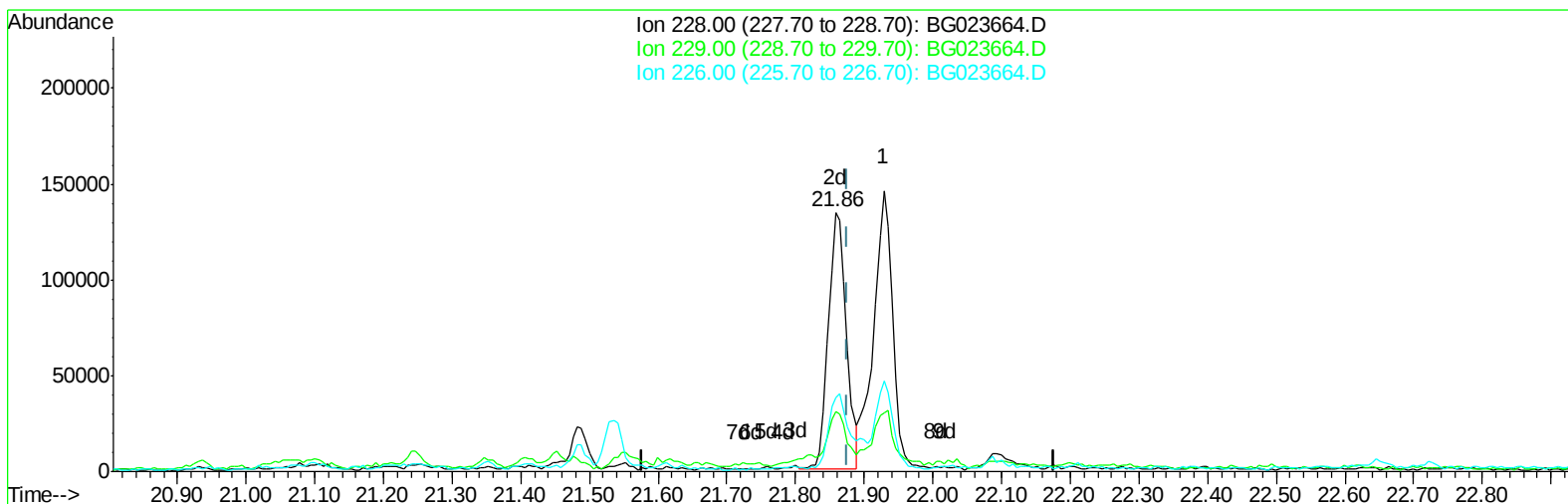
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Aug 13 03:21:13 2016
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Response via : Initial Calibration



TIC: BG023664.D

(80) Benzo(a)anthracene

21.858min (-0.019) 4.16ng/ul m

response 244214

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	23.16#
226.00	28.50	28.42
0.00	0.00	0.00

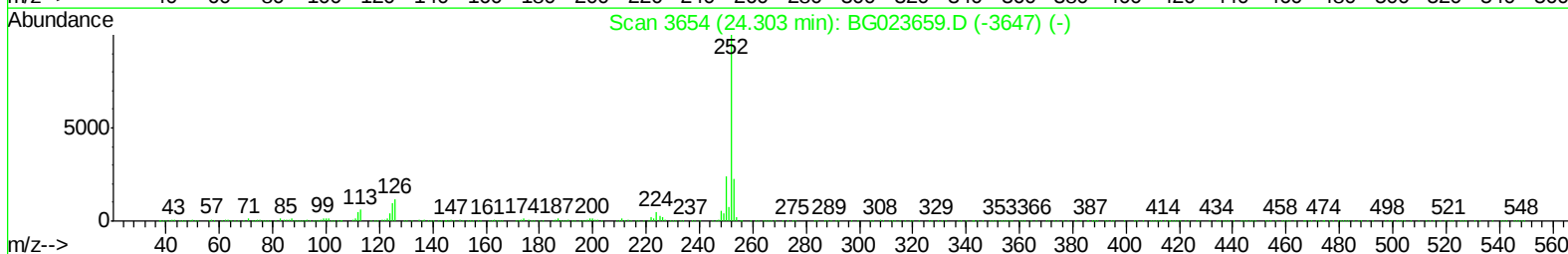
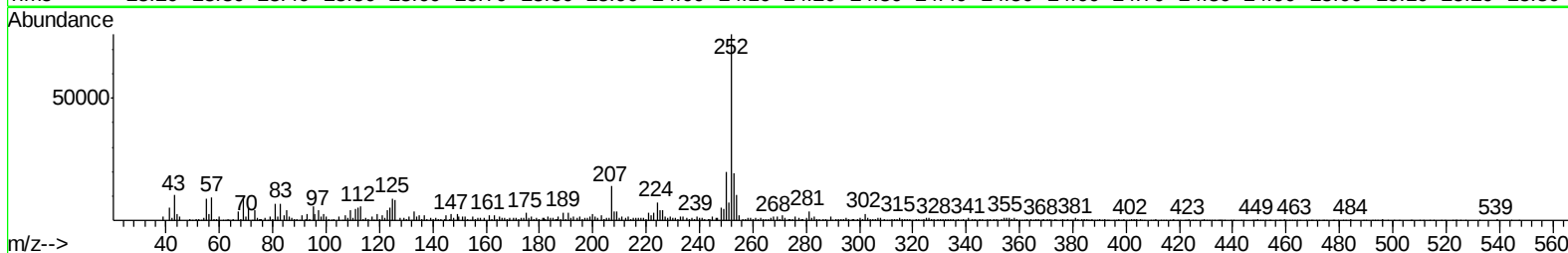
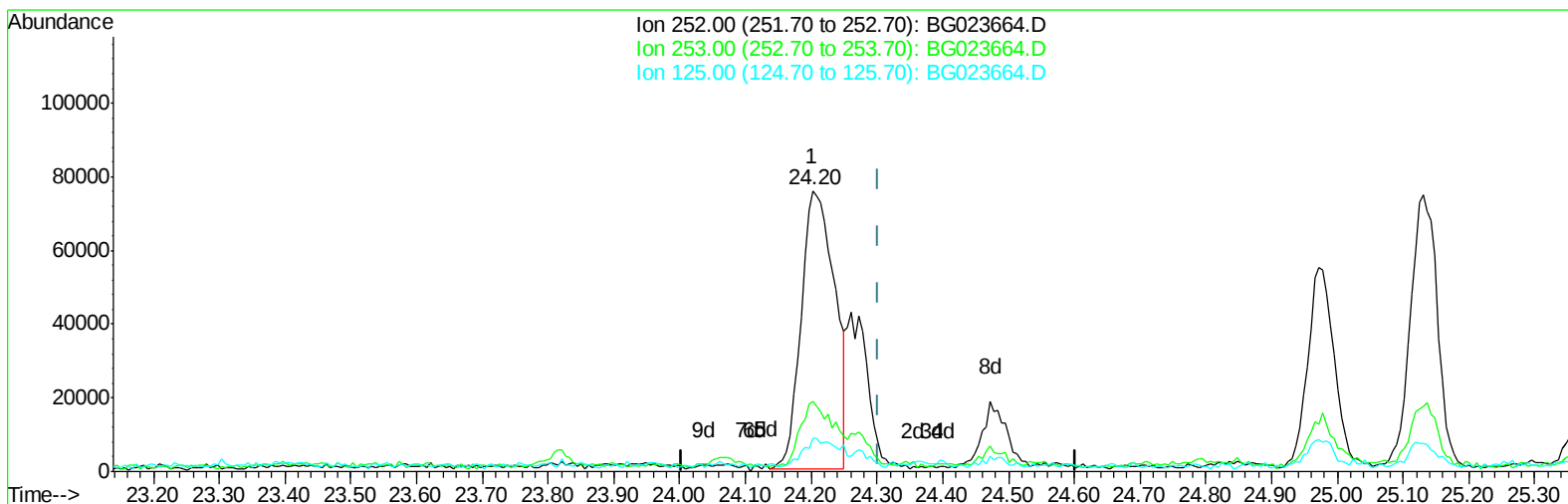
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023664.D
 Acq On : 12 Aug 2016 20:19
 Operator : UM/SJ
 Sample : H4385-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG023664.D

(86) Benzo(k)fluoranthene

24.202min (-0.101) 4.57ng/ul

response 269181

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	25.22#
125.00	13.30	12.01
0.00	0.00	0.00

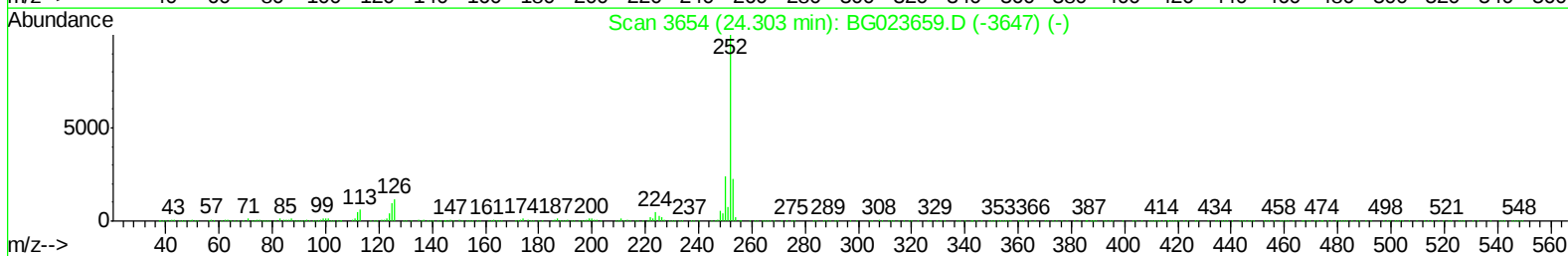
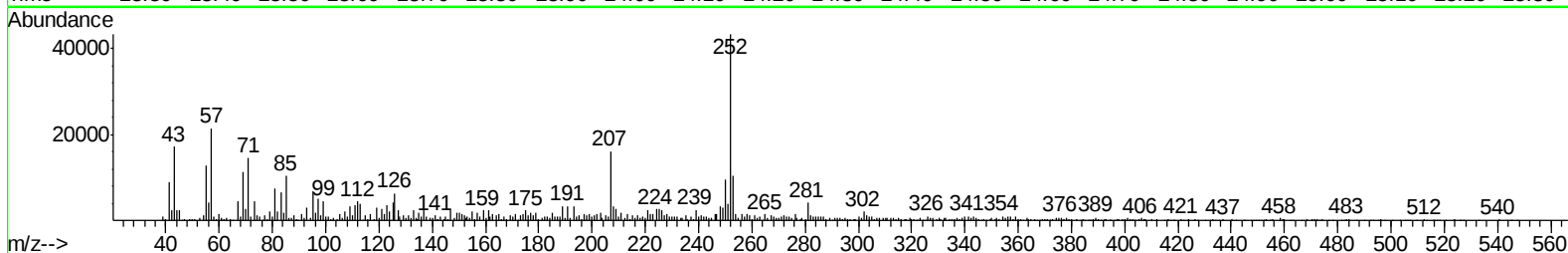
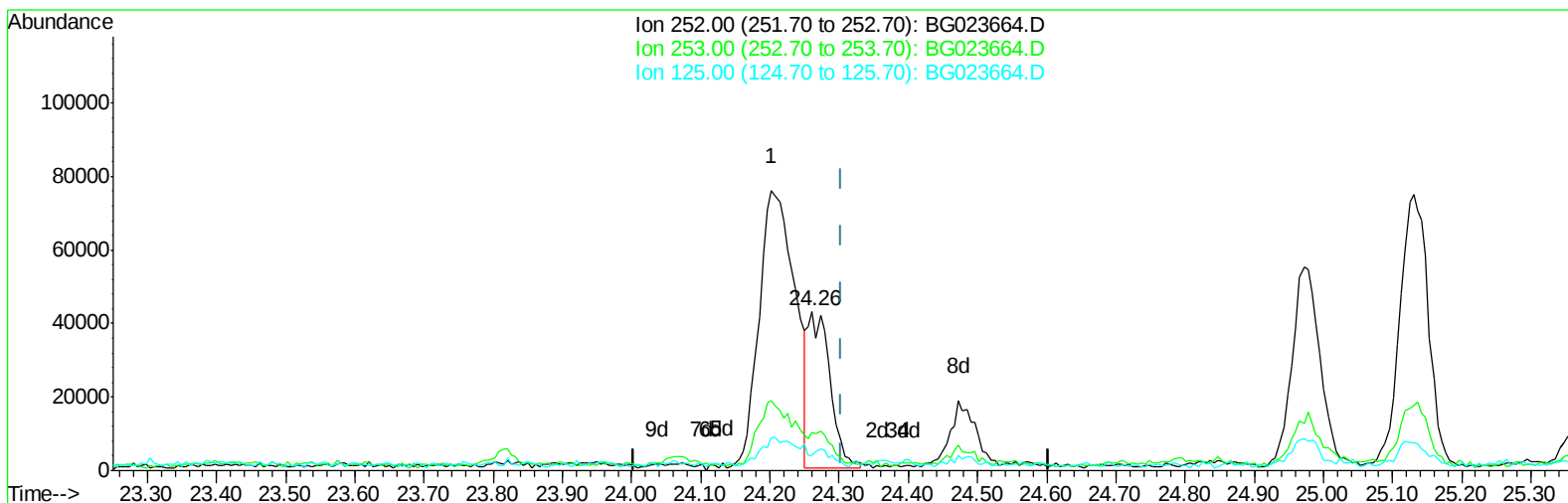
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Quant Time: Aug 13 03:21:13 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023664.D

(86) Benzo(k)fluoranthene

24.261min (-0.042) 1.63ng/ul m

response 96151

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.96#
125.00	13.30	9.85#
0.00	0.00	0.00

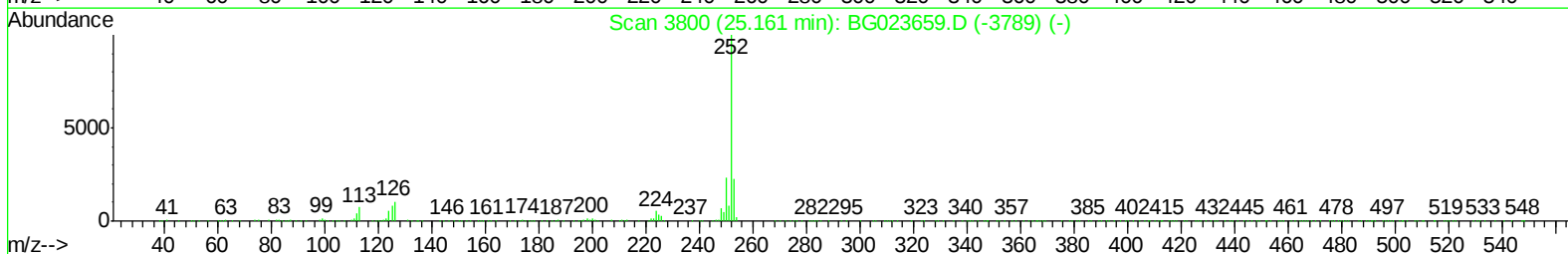
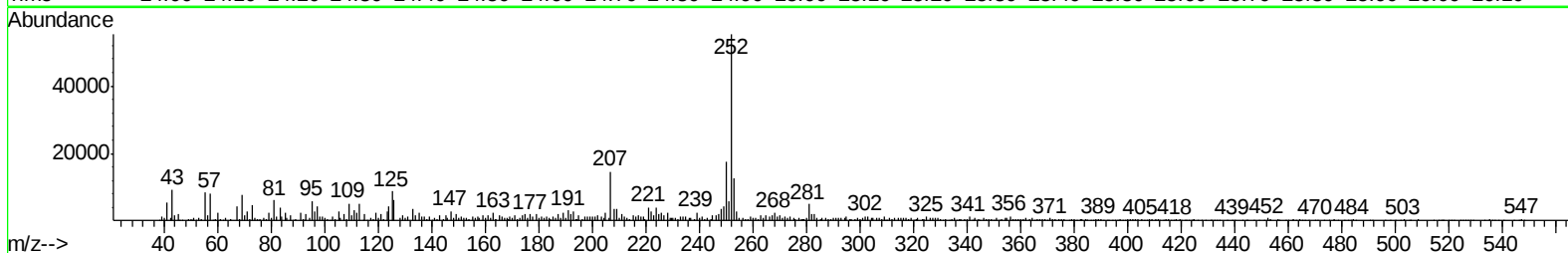
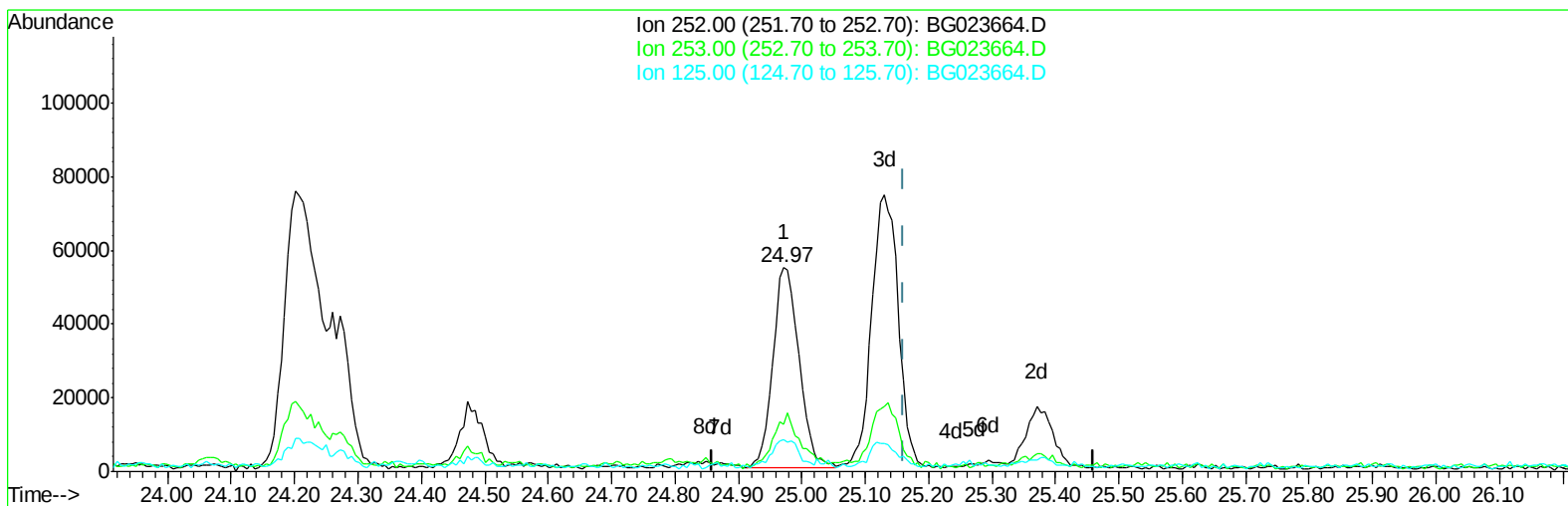
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Manual Integrations
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Quant Time: Aug 13 03:21:13 2016
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TIC: BG023664.D

(88) Benzo(a)pyrene (C)

24.972min (-0.189) 2.70ng/ul

response 155747

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.89
125.00	15.00	15.75
0.00	0.00	0.00

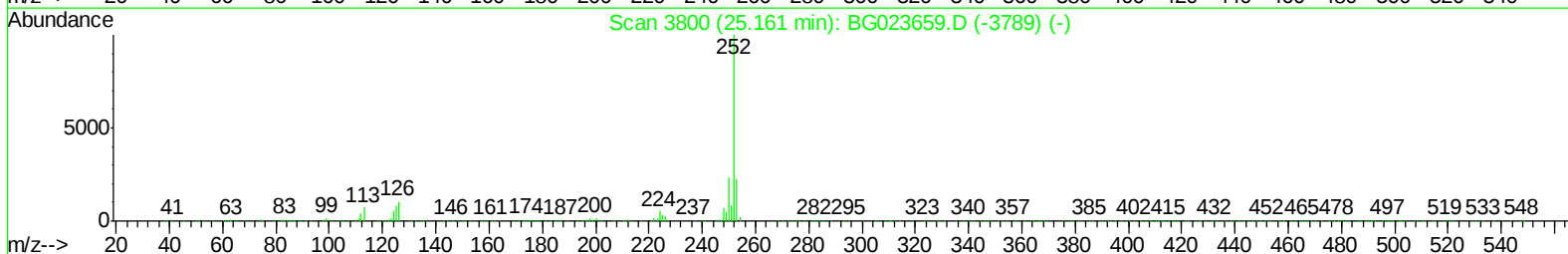
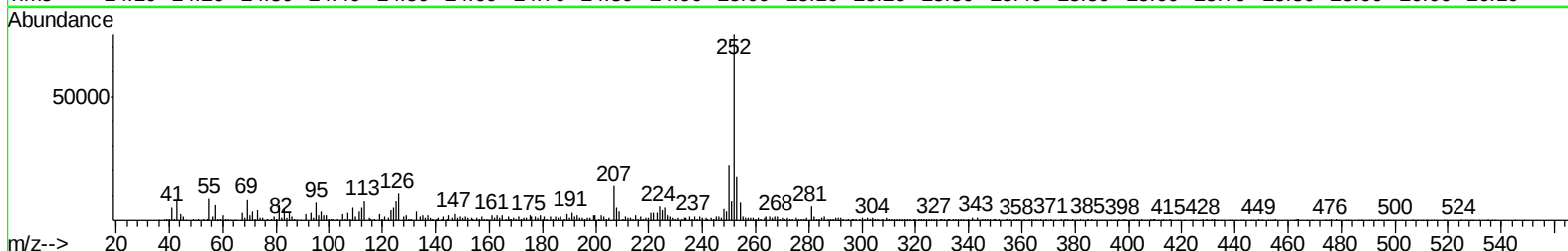
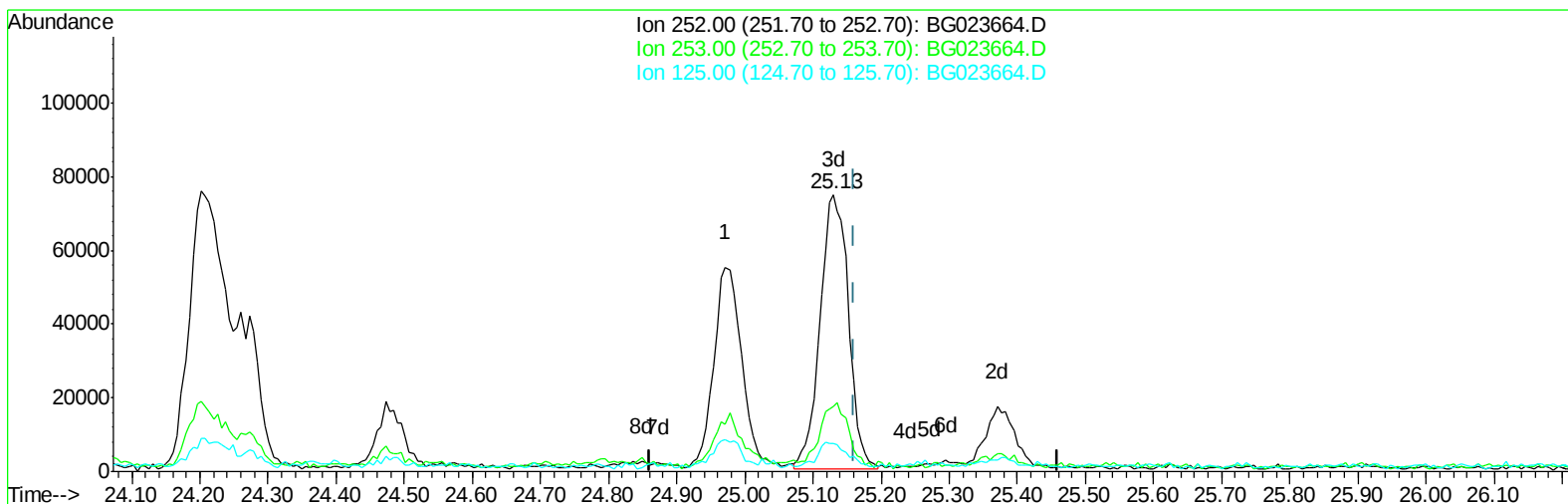
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Manual Integrations
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TIC: BG023664.D

(88) Benzo(a)pyrene (C)

25.130min (-0.030) 3.73ng/ul m

response 215058

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.34
125.00	15.00	10.19#
0.00	0.00	0.00

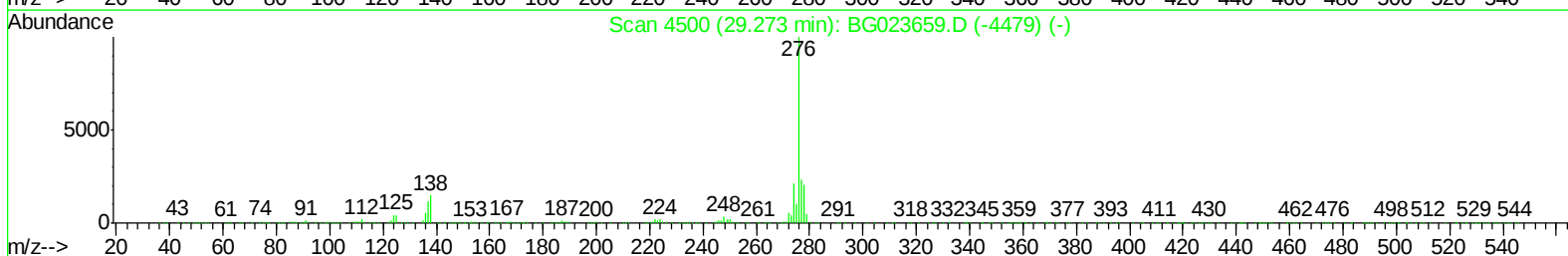
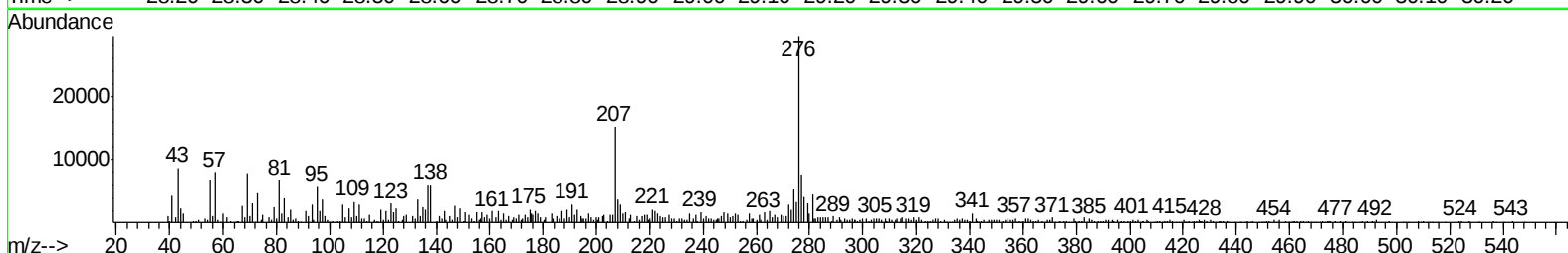
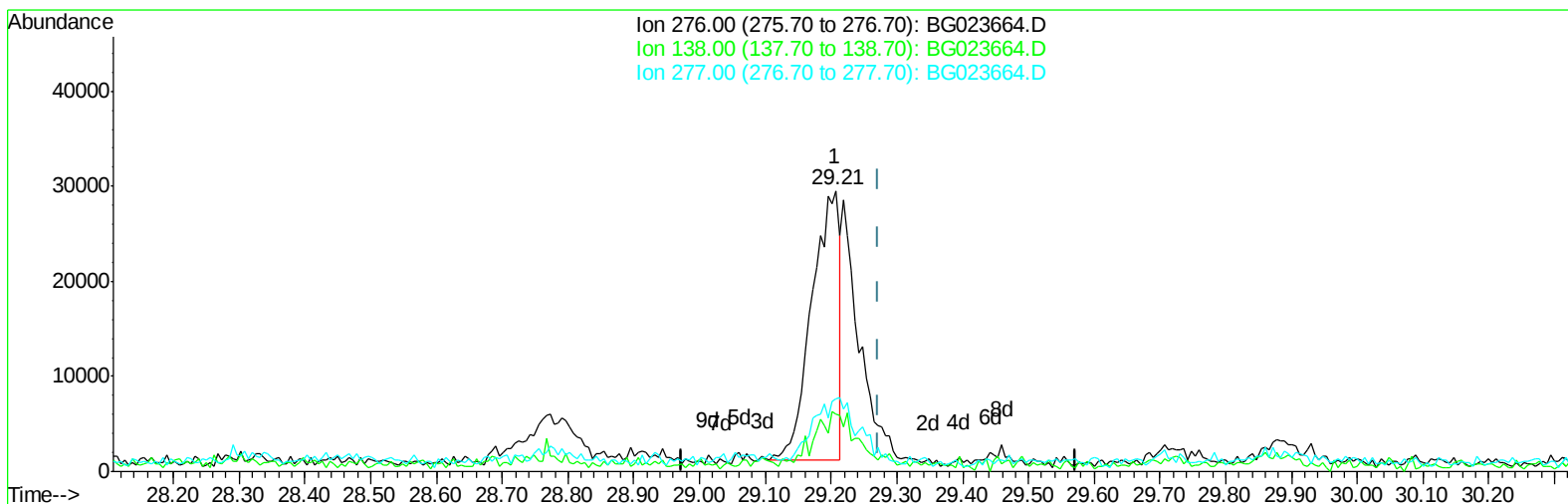
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Manual Integrations
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TIC: BG023664.D

(89) Indeno(1,2,3-cd)pyrene

29.207min (-0.066) 1.23ng/ul

response 83716

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	20.51#
277.00	22.00	25.79
0.00	0.00	0.00

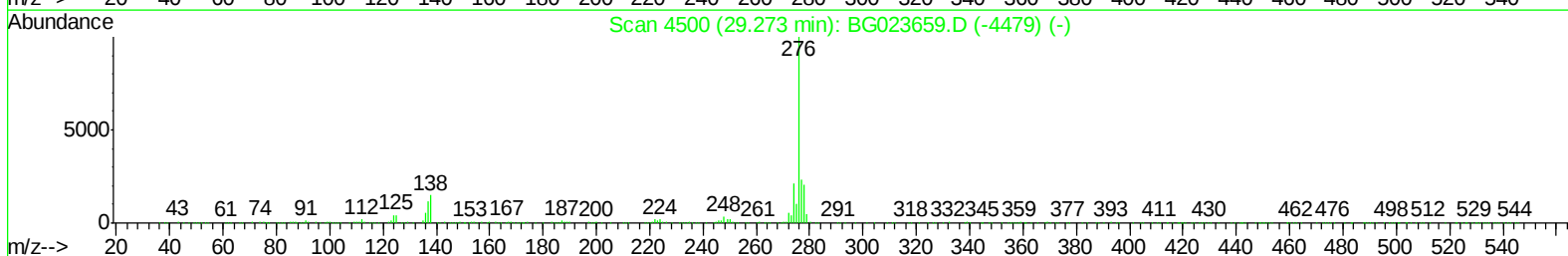
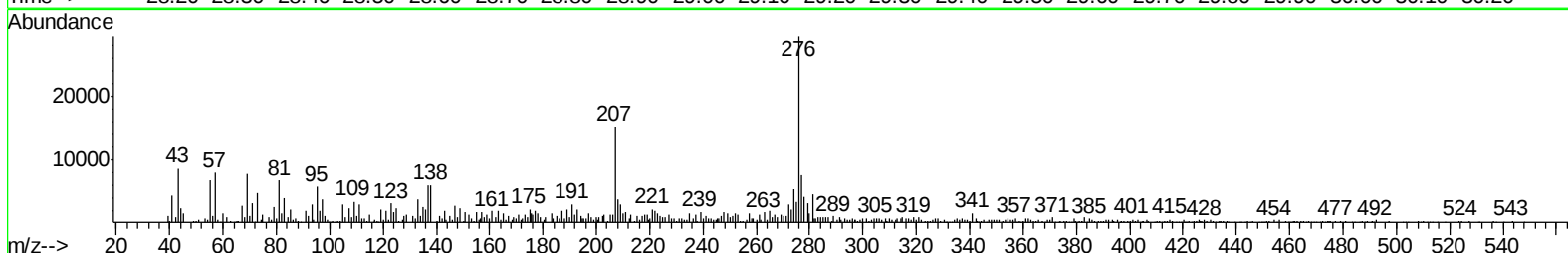
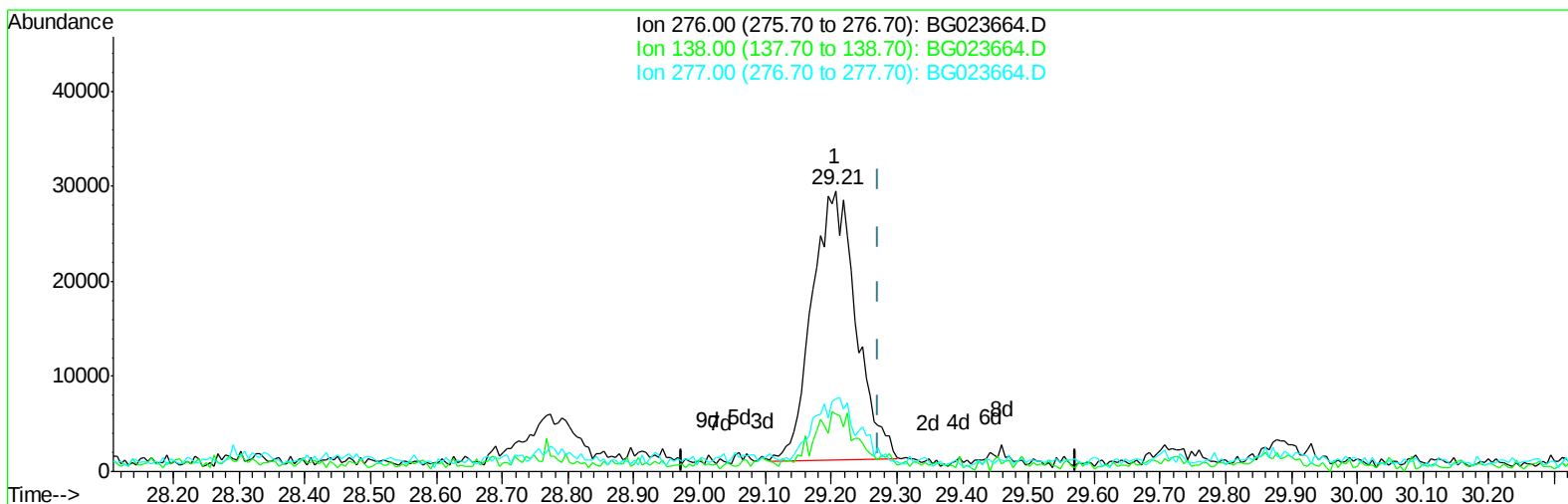
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Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG023664.D

(89) Indeno(1,2,3-cd)pyrene
29.207min (-0.066) 1.96ng/ul m
response 133068

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	20.51#
277.00	22.00	25.79
0.00	0.00	0.00

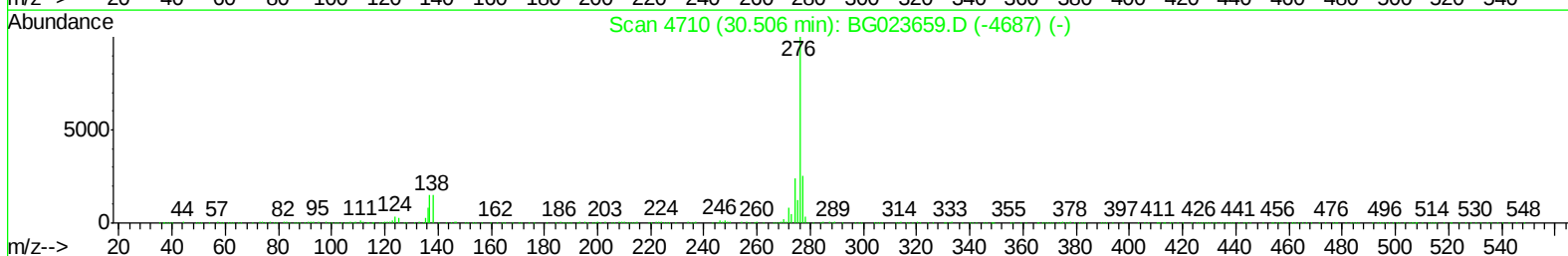
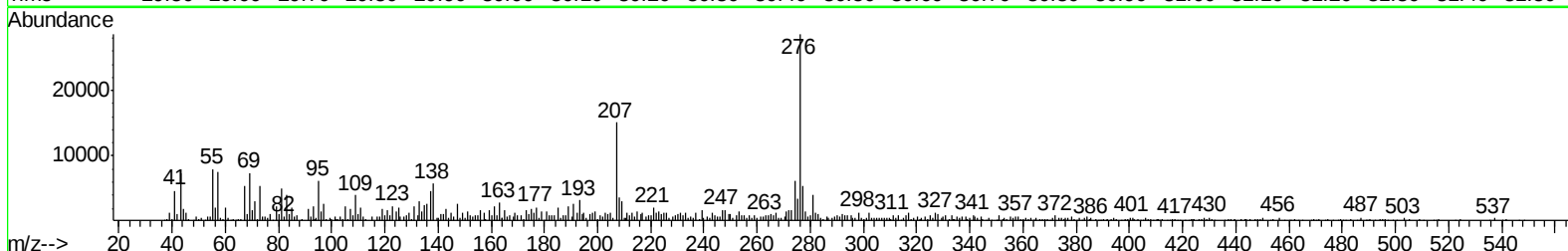
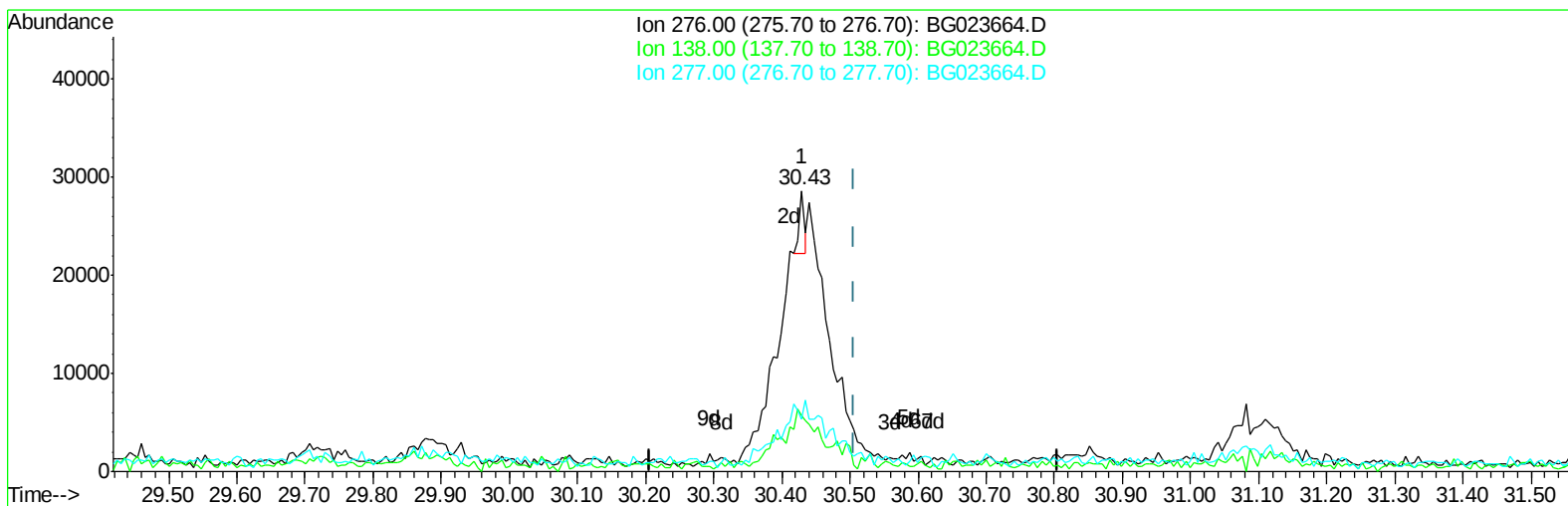
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
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Misc :
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TIC: BG023664.D

(91) Benzo(g,h,i)perylene
30.429min (-0.077) 0.06ng/ul
response 3428

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	20.16#
277.00	21.20	18.75
0.00	0.00	0.00

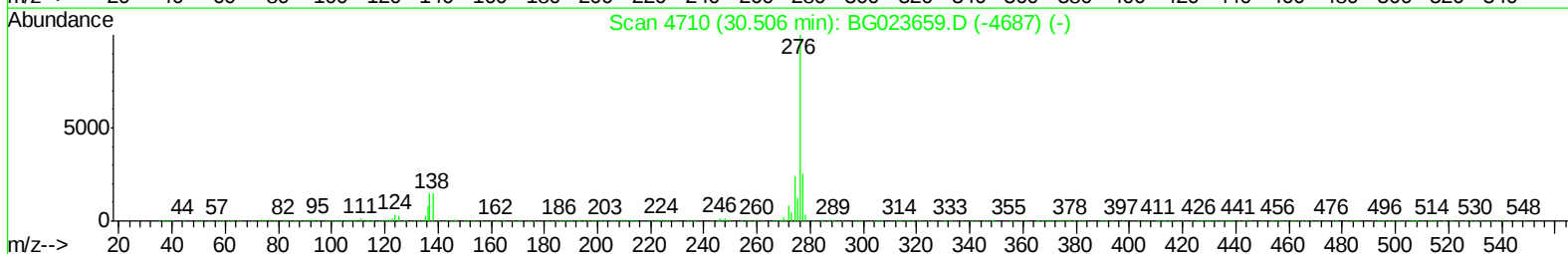
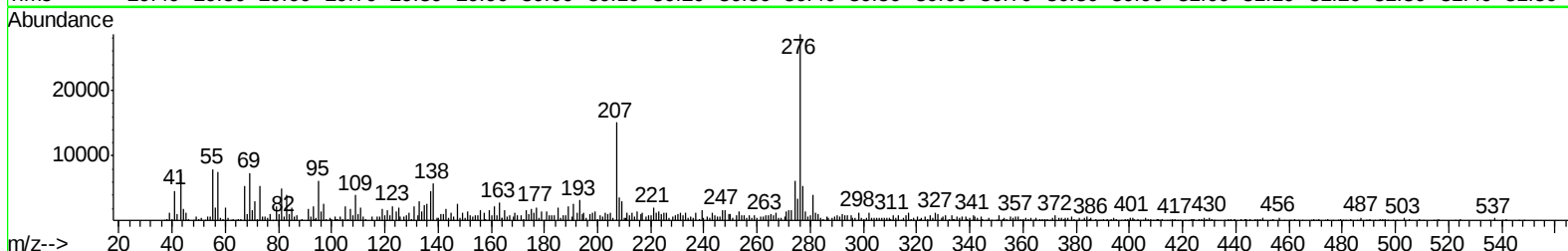
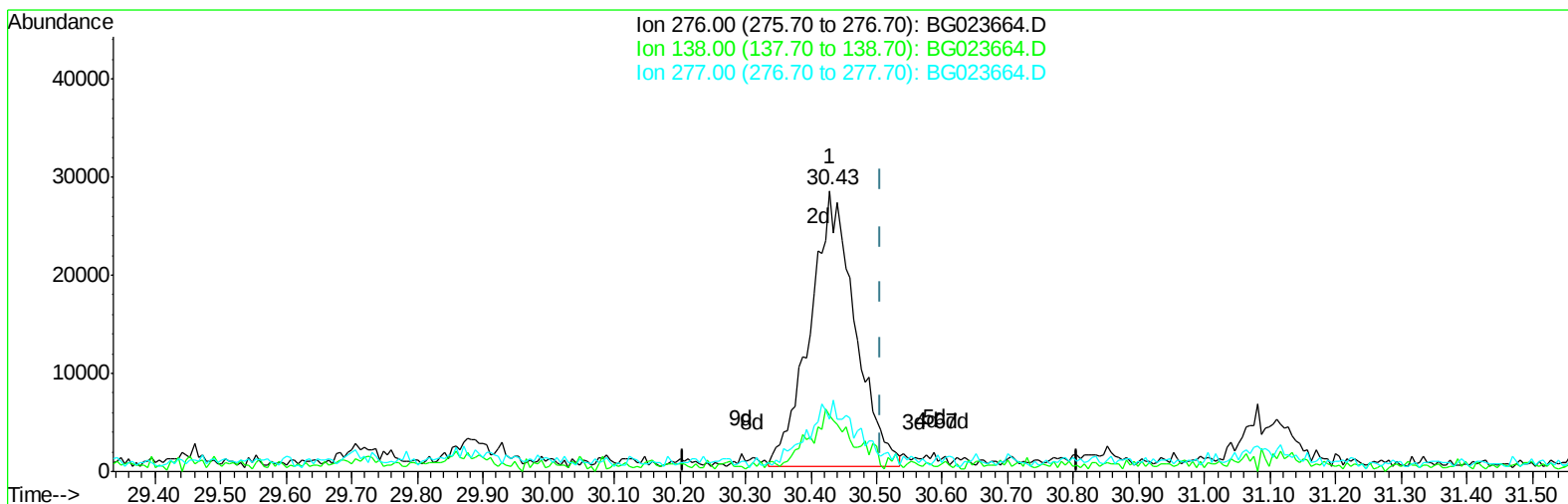
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BG023664.D

(91) Benzo(g,h,i)perylene

30.429min (-0.077) 2.35ng/ul m

response 132134

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	20.16#
277.00	21.20	18.75
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023664.D
 Acq On : 12 Aug 2016 20:19
 Operator : UM/SJ
 Sample : H4385-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-0206-01

Manual Integrations
 APPROVED

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 8/15/2016 6:49:52 PM

Quant Time: Aug 13 04:34:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 03:19:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	154884	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	688111	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	472195	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	1114761	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1041733	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1050871	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10565	2.90	ng/uL	0.00
5) Phenol-d5	7.27	99	245451	15.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	167707	16.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	178908	16.81	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	178622	14.66	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	93766	17.29	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	113716	18.25	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	197811m	16.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	233626m	16.95	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	692735	17.92	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	806350	18.53	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	106071	16.07	ng/ul	0.00
57) Fluorene-d10	15.78	176	633375	17.73	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	100443	14.04	ng/ul	-0.02
70) Anthracene-d10	17.65	188	935598	18.63	ng/ul	-0.01
76) Pyrene-d10	19.95	212	963102	18.26	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	886190	18.63	ng/ul	-0.03

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	332482	8.68	ng/ul	99
69) Phenanthrene	17.59	178	289764	5.02	ng/ul	97
74) Fluoranthene	19.61	202	442542	7.49	ng/ul#	93
77) Pyrene	19.98	202	590525	9.17	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	244214m	4.16	ng/ul	
82) Chrysene	21.93	228	281598	5.28	ng/ul	96
85) Benzo(b)fluoranthene	24.20	252	269181	4.50	ng/ul	95
86) Benzo(k)fluoranthene	24.26	252	96151m	1.63	ng/ul	
88) Benzo(a)pyrene	25.13	252	215058m	3.73	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.21	276	133068m	1.96	ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	132134m	2.35	ng/ul	

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

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