

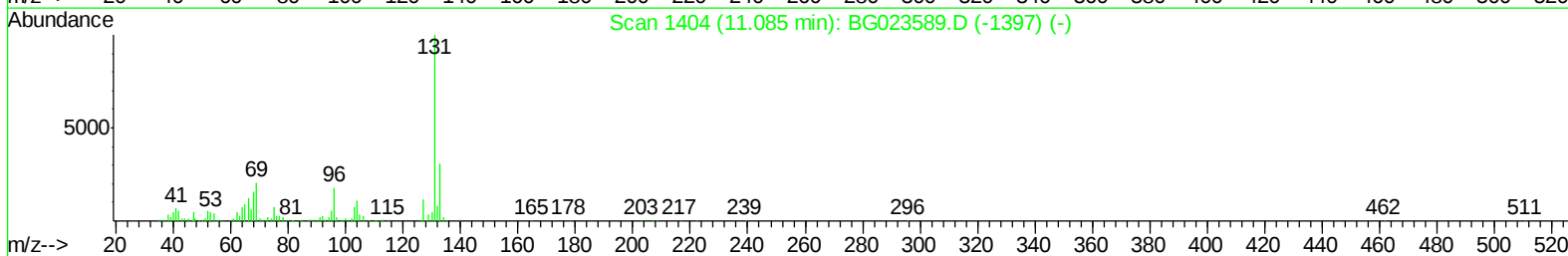
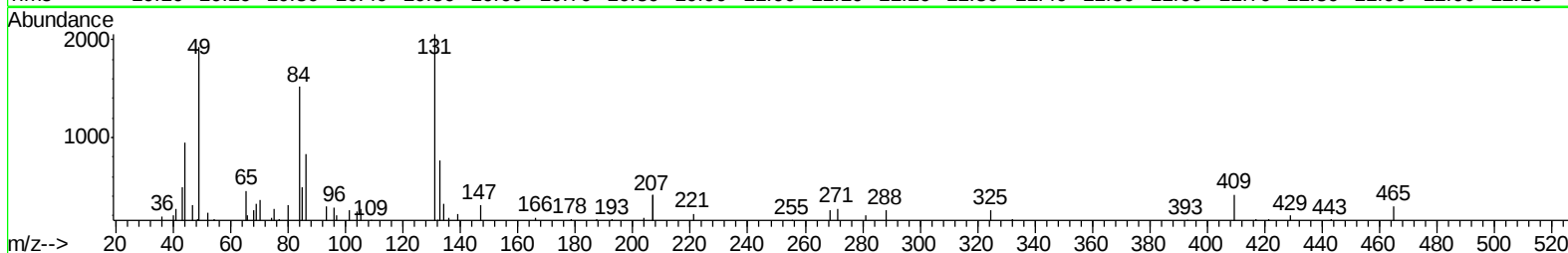
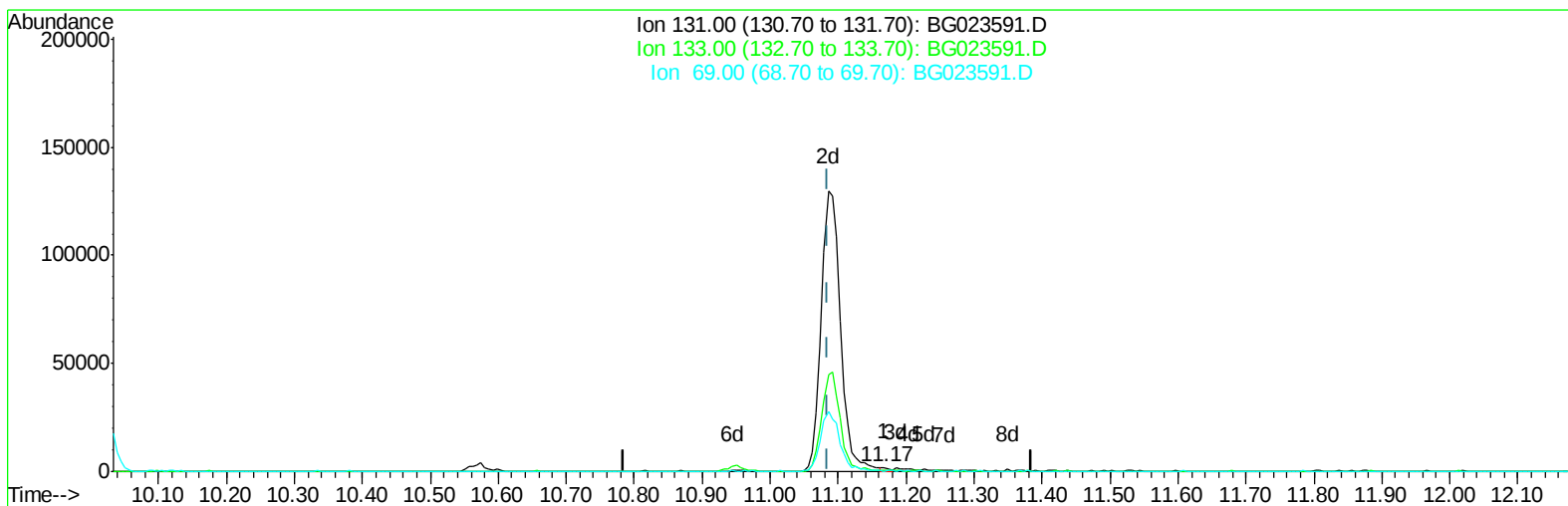
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023591.D

(29) 4-Chloroaniline-d4 (S)

11.168min (+0.083) 0.12ng/ul

response 1329

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	37.07
69.00	15.40	15.35
0.00	0.00	0.00

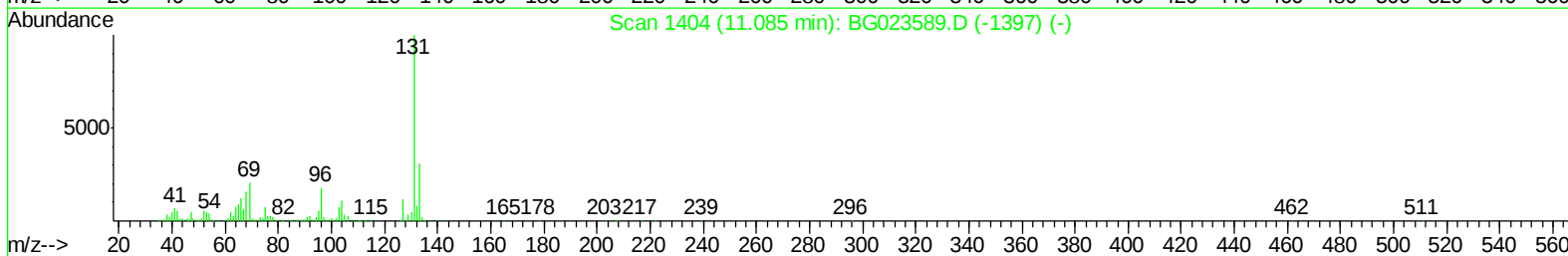
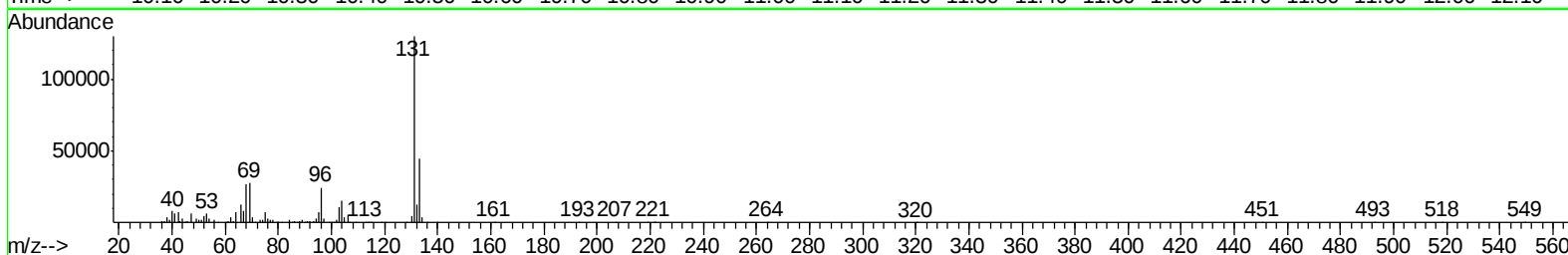
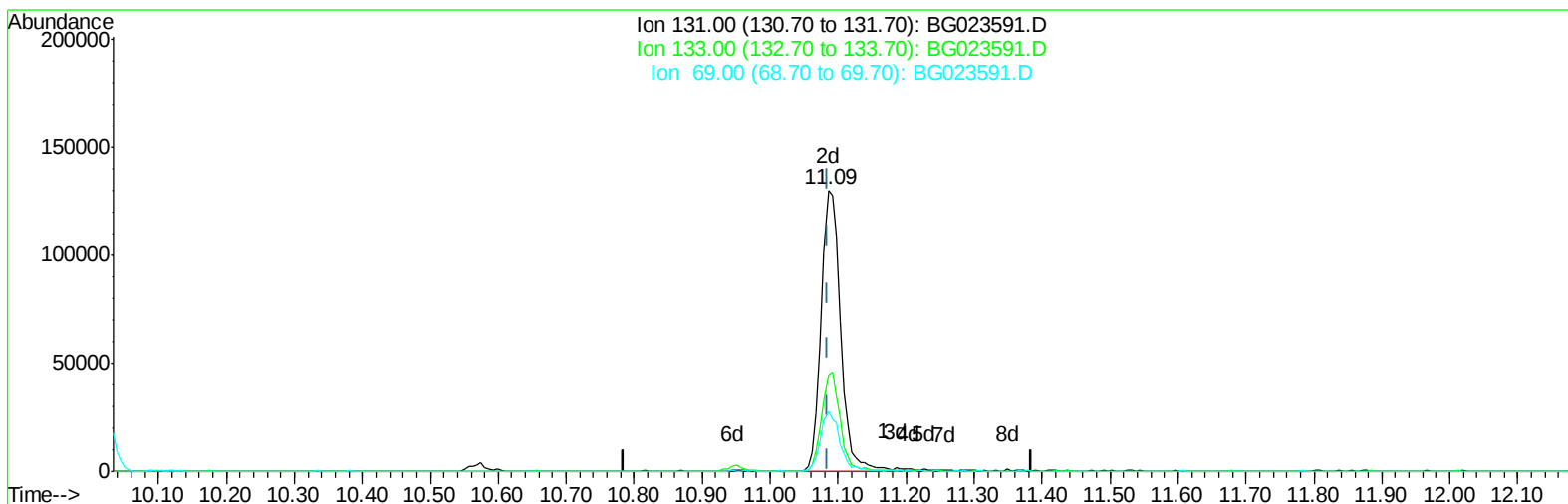
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023591.D

(29) 4-Chloroaniline-d4 (S)

11.085min (+0.001) 24.12ng/ul m

response 257566

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	34.38
69.00	15.40	21.32#
0.00	0.00	0.00

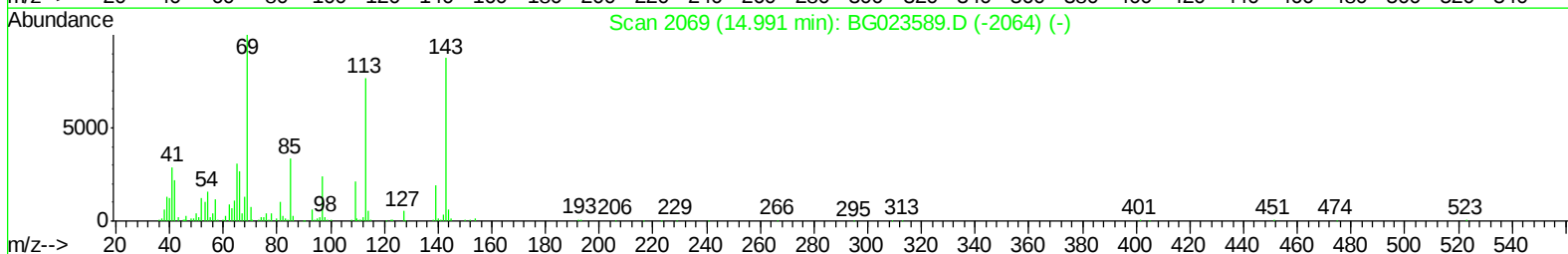
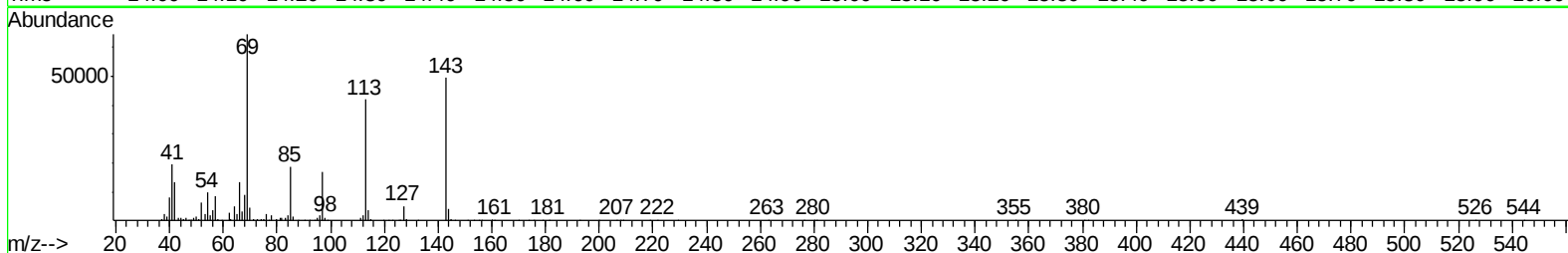
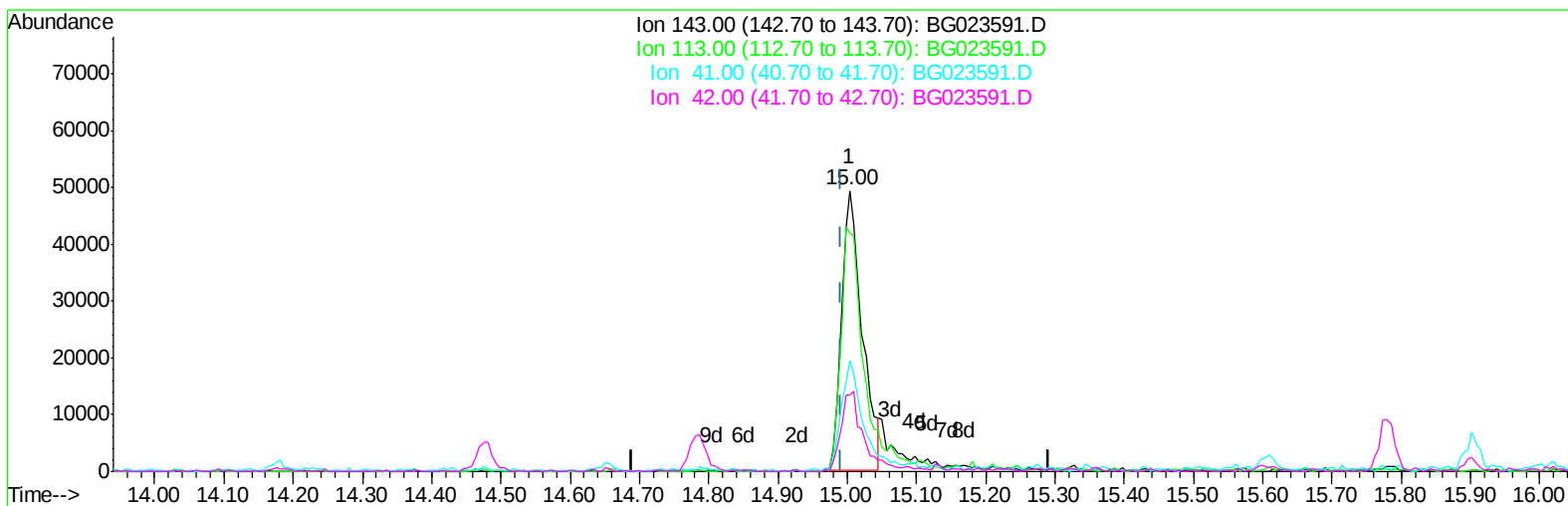
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023591.D

(51) 4-Nitrophenol-d4 (S)

15.004min (+0.013) 18.68ng/ul

response 102262

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	84.79#
41.00	26.90	39.35#
42.00	16.10	27.07#

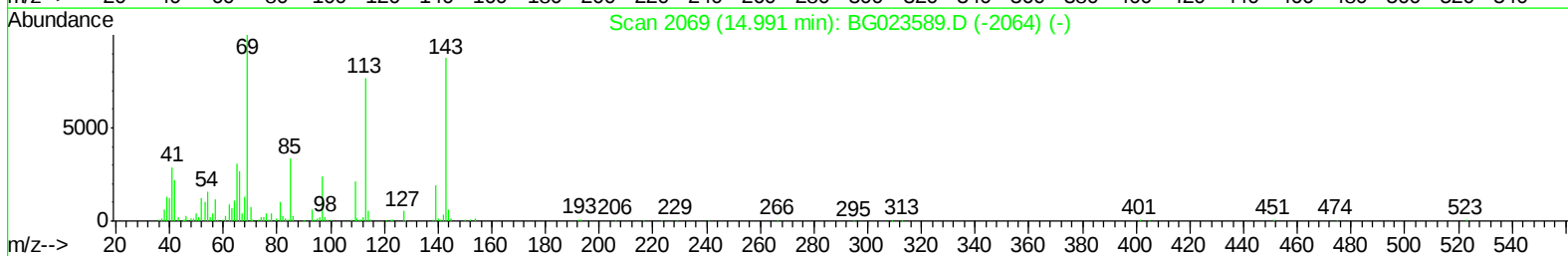
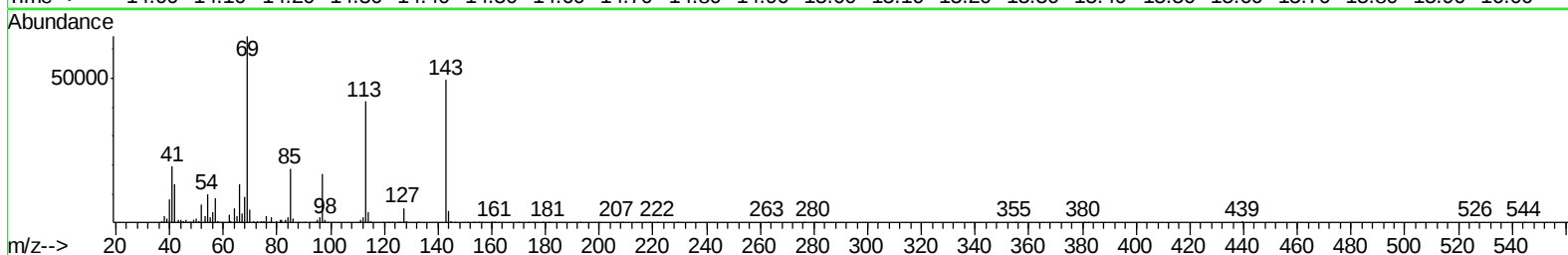
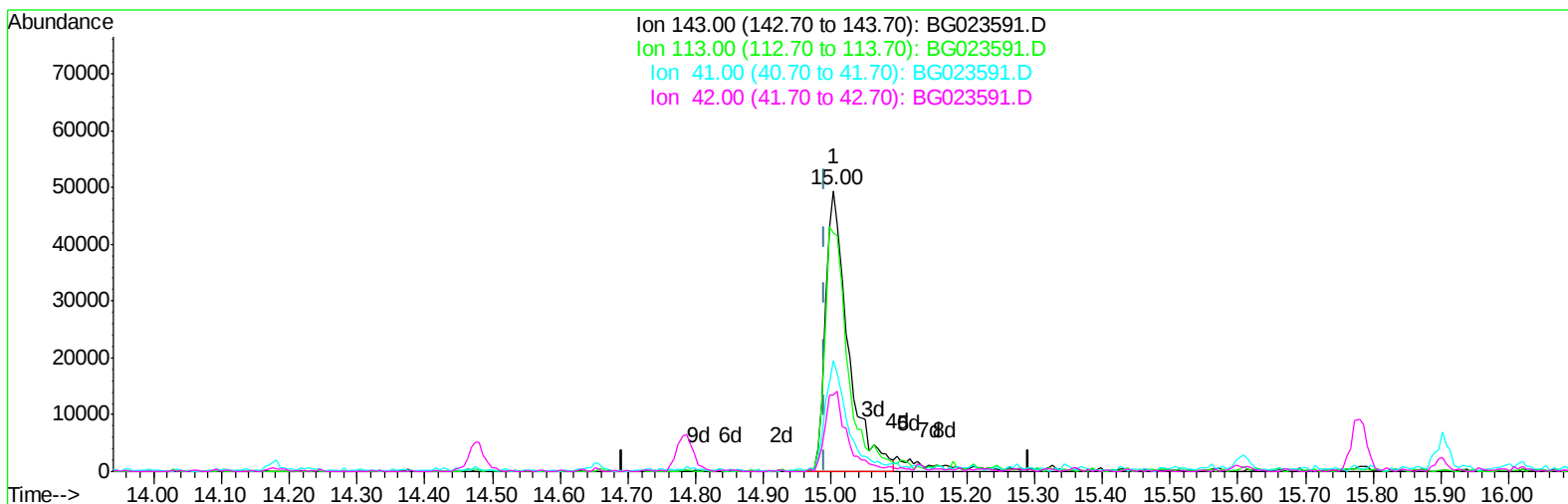
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023591.D

(51) 4-Nitrophenol-d4 (S)

15.004min (+0.013) 20.94ng/ul m

response 114652

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	84.79#
41.00	26.90	39.35#
42.00	16.10	27.07#

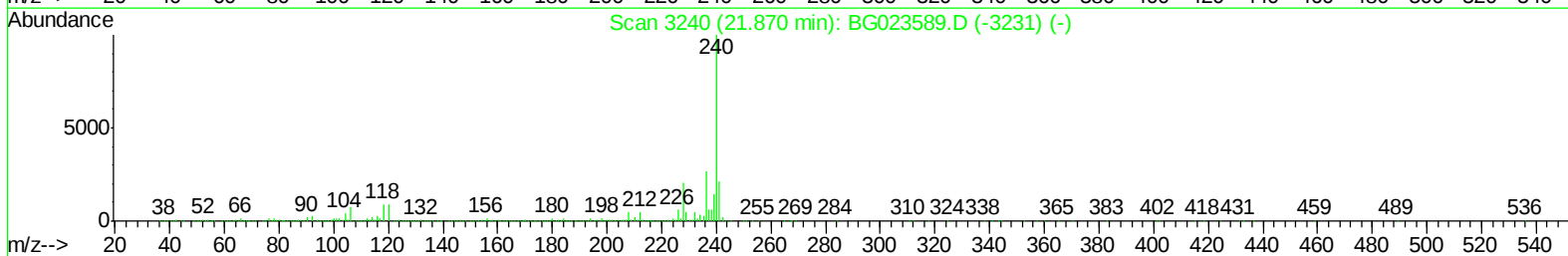
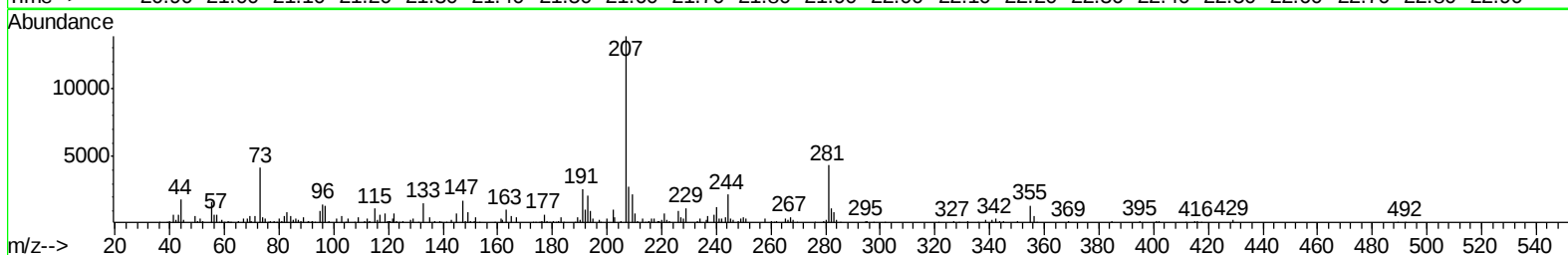
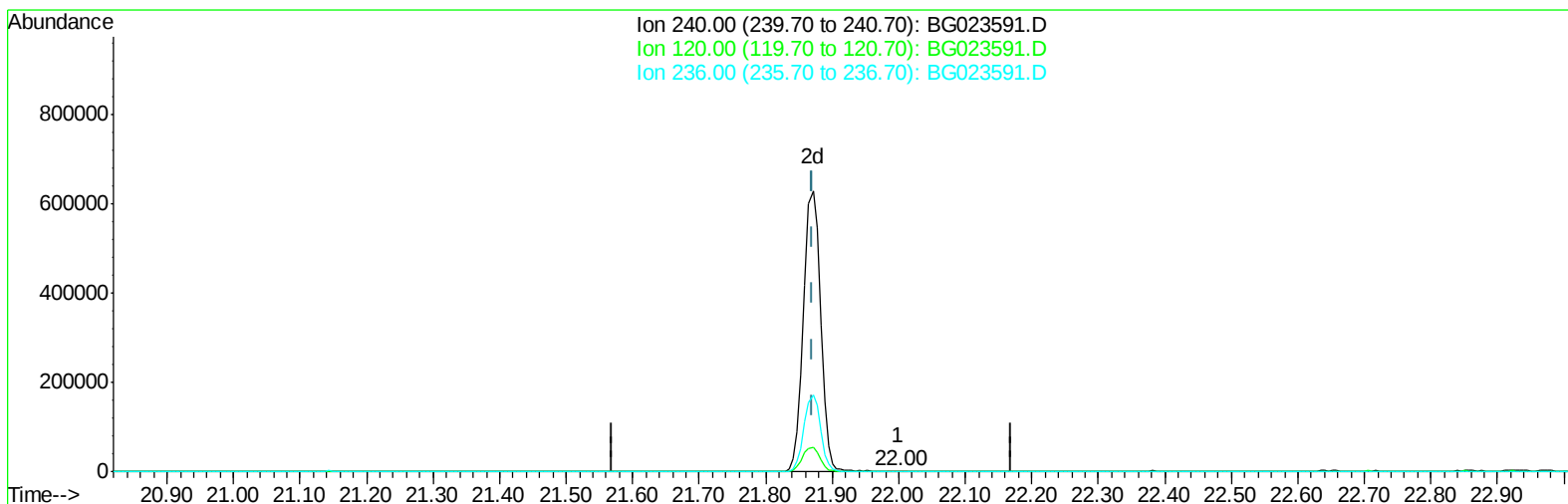
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023591.D

(75) Chrysene-d12 (I)

22.000min (+0.130) 20.00ng/ul

response 1186

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	16.11
236.00	26.10	28.30
0.00	0.00	0.00

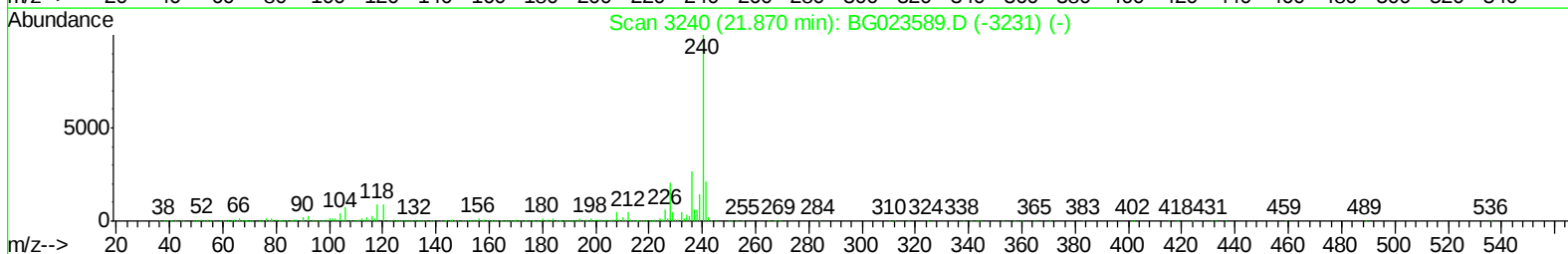
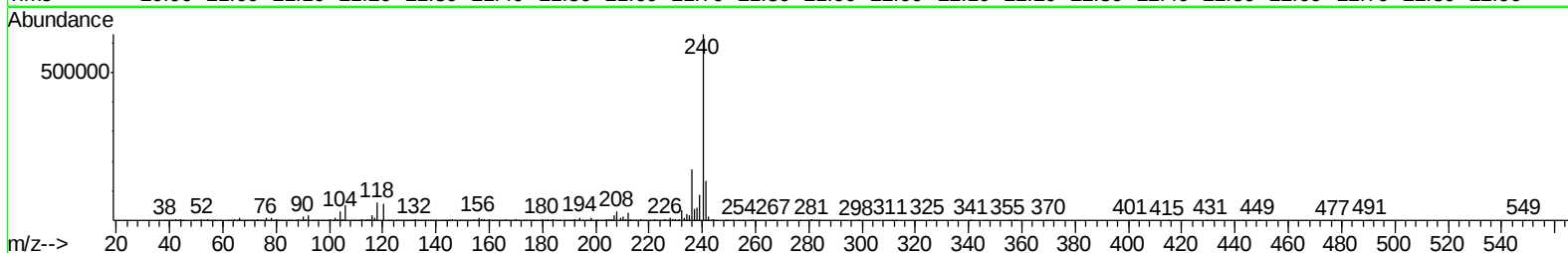
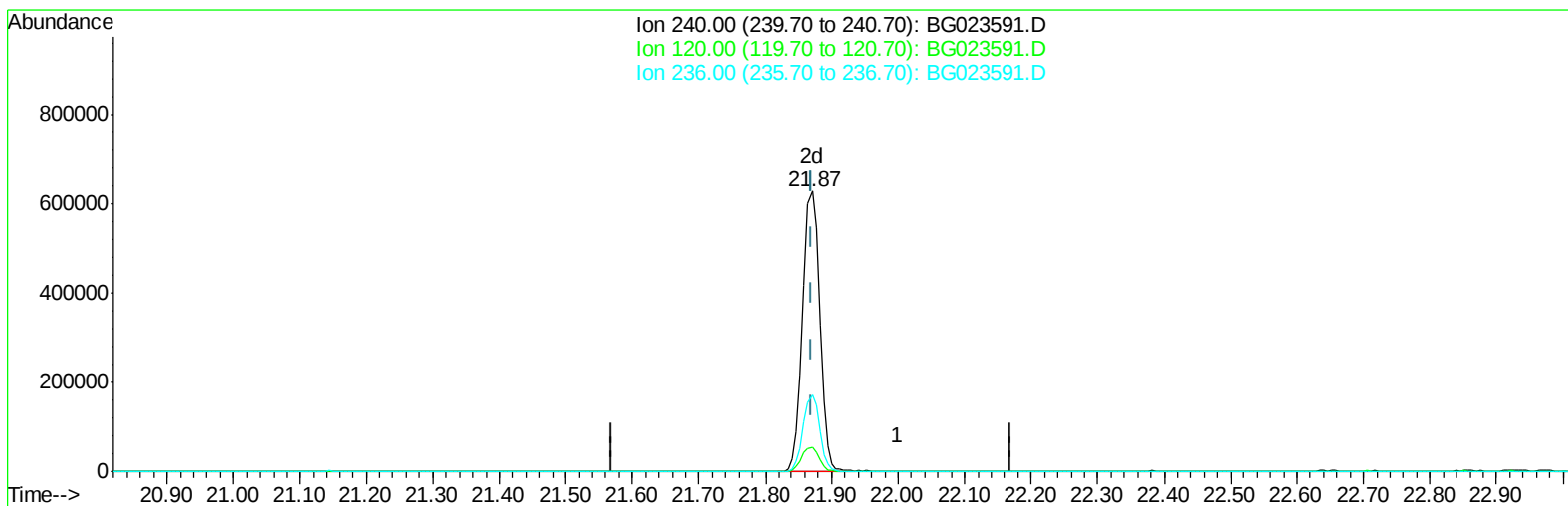
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023591.D

(75) Chrysene-d12 (I)

21.871min (+0.001) 20.00ng/ul m

response 1098968

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	8.70#
236.00	26.10	27.35
0.00	0.00	0.00

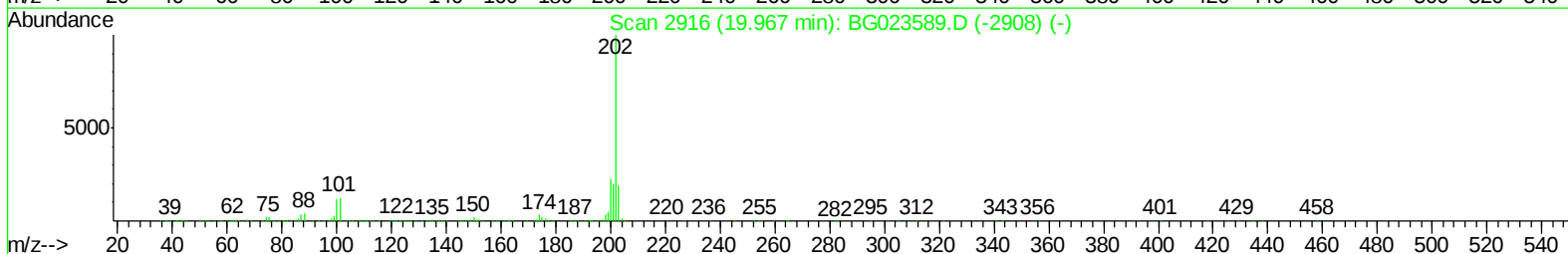
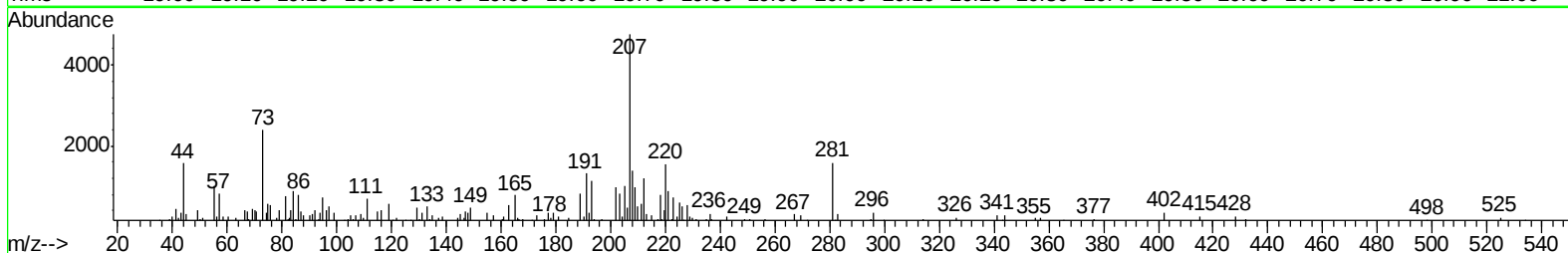
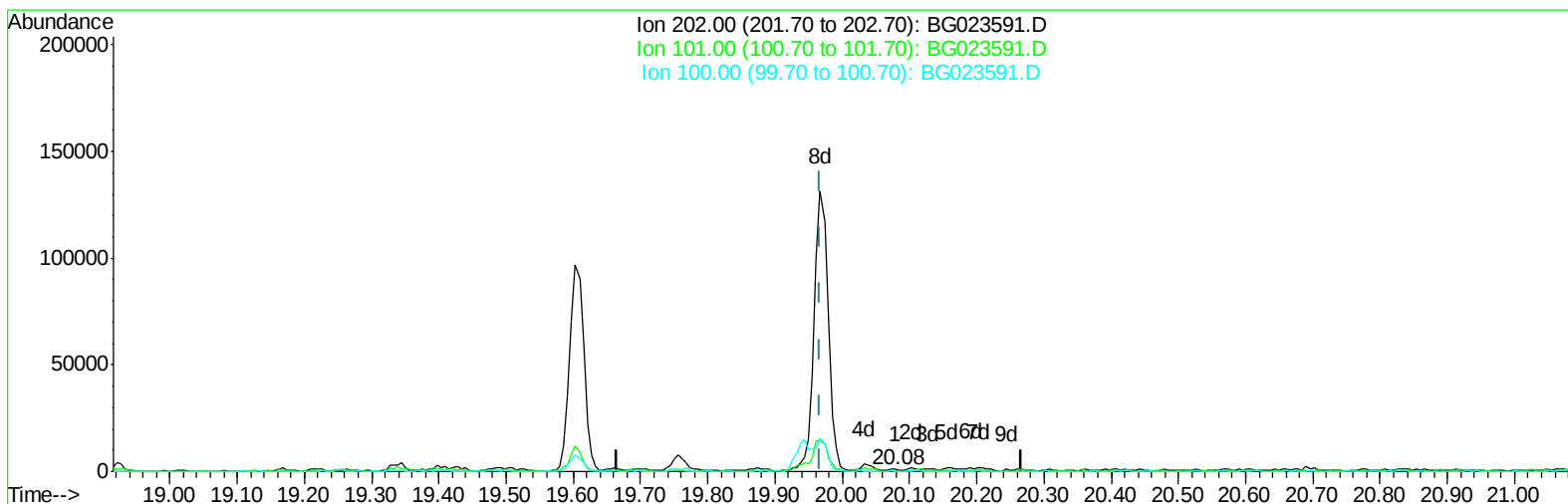
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 04:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023591.D

(77) Pyrene

20.079min (+0.112) 0.01ng/ul

response 828

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	0.00#
100.00	12.80	0.00#
0.00	0.00	0.00

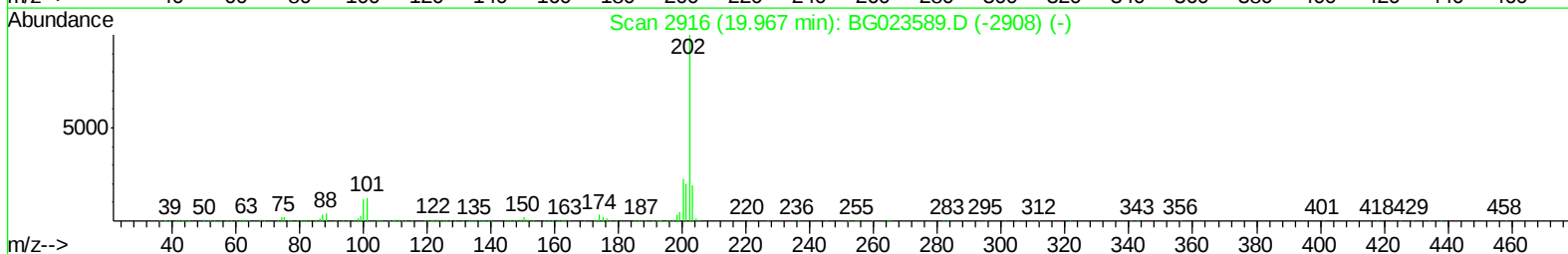
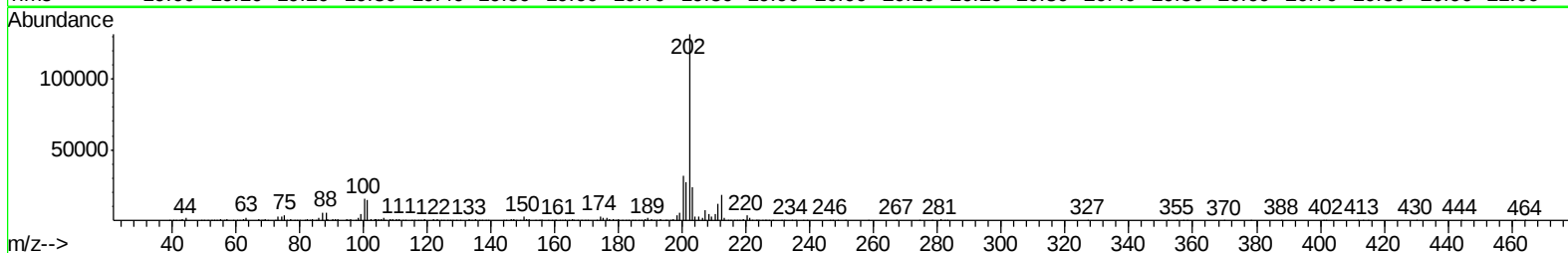
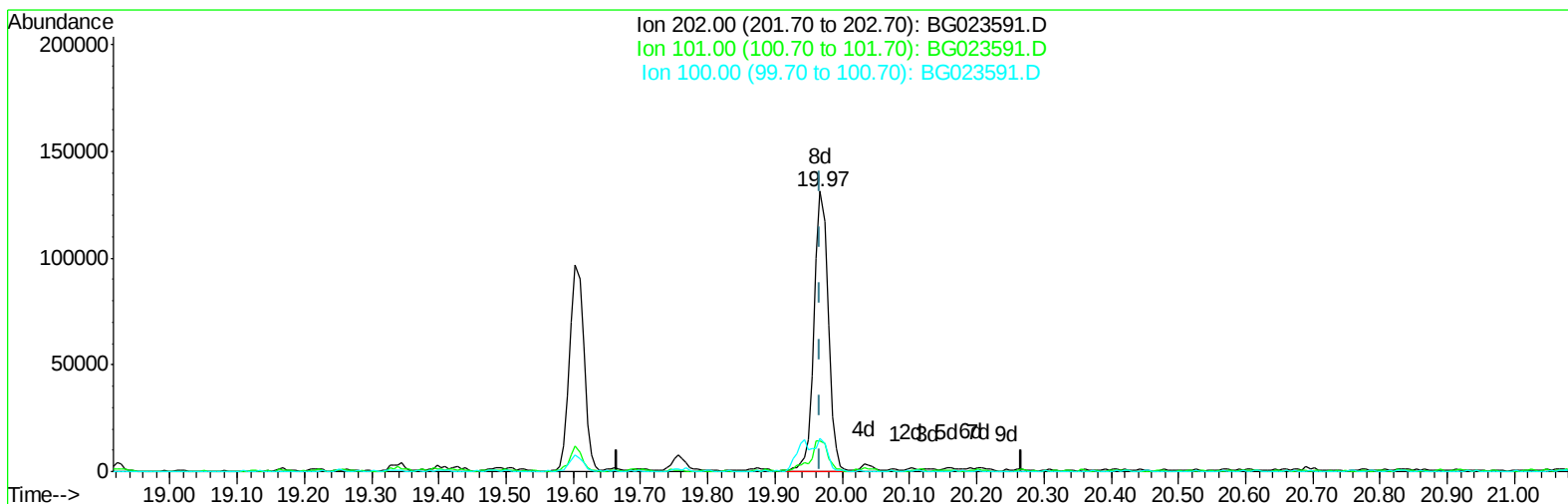
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 04:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023591.D

(77) Pyrene

19.967min (+0.001) 2.77ng/ul m

response 188338

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	10.79#
100.00	12.80	11.62
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

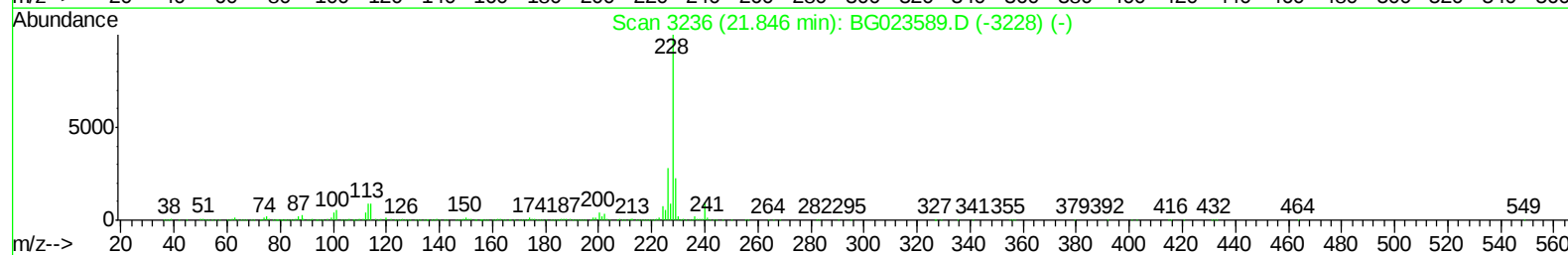
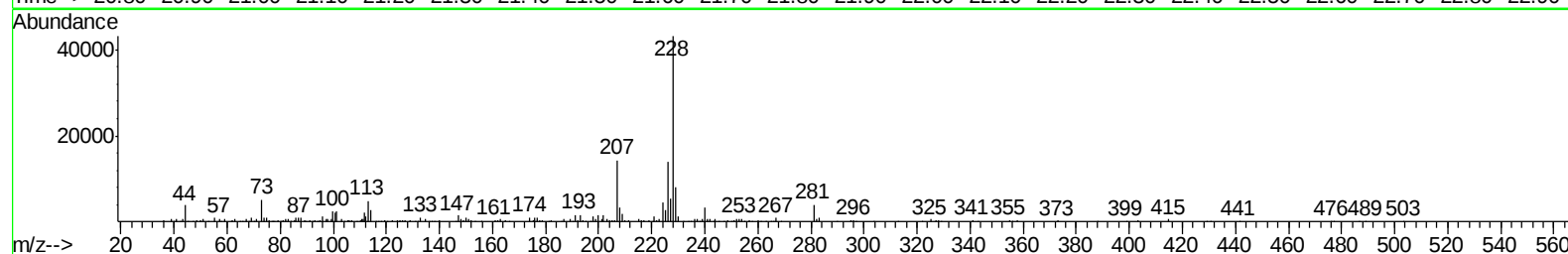
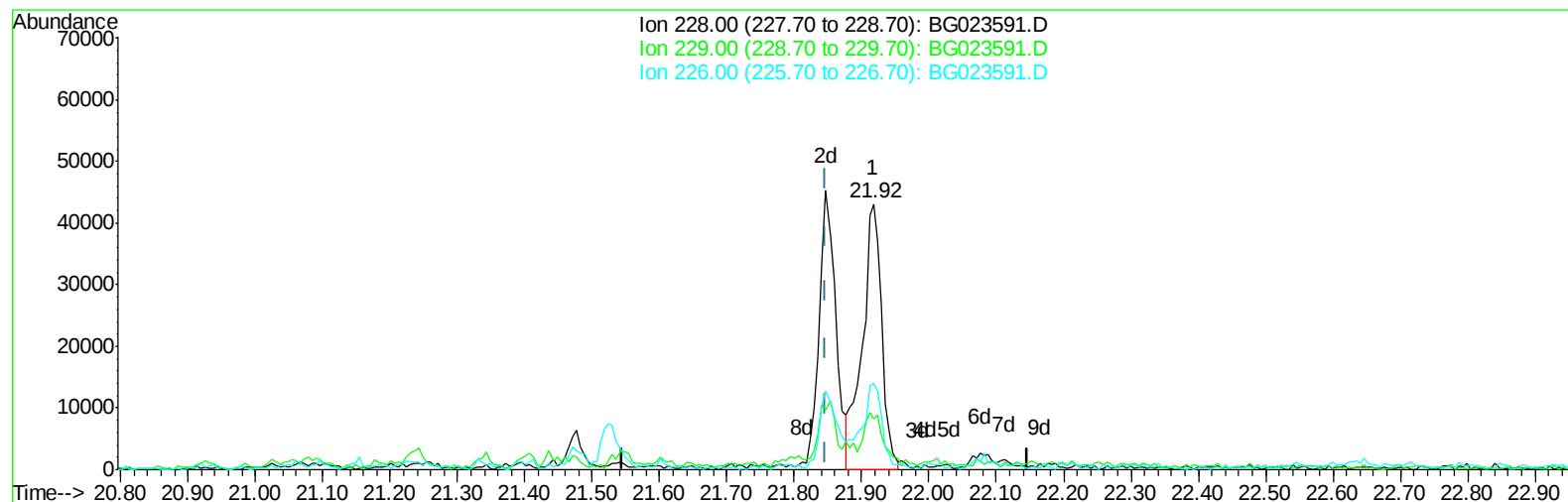
Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 04:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Ion 228.00 (227.70 to 228.70): BG023591.D
Ion 229.00 (228.70 to 229.70): BG023591.D
Ion 226.00 (225.70 to 226.70): BG023591.D



TIC: BG023591.D

(80) Benzo(a)anthracene
21.918min (+0.071) 1.41ng/ul
response 87377

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	19.00
226.00	28.50	32.67
0.00	0.00	0.00

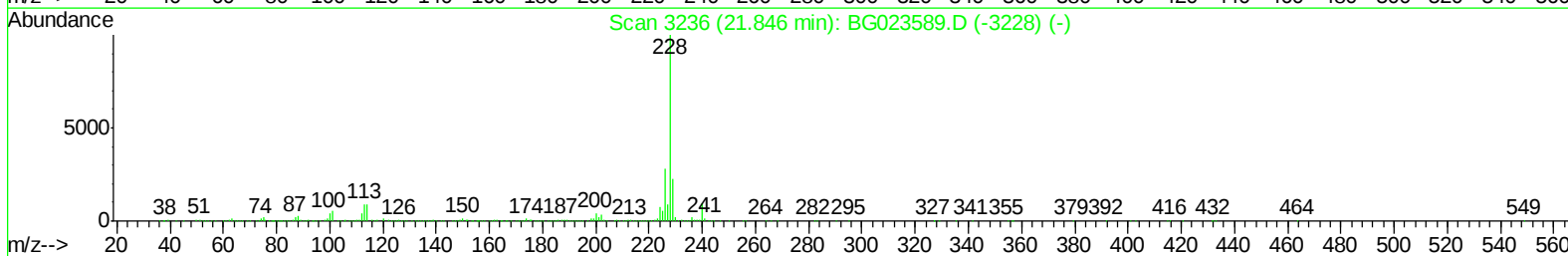
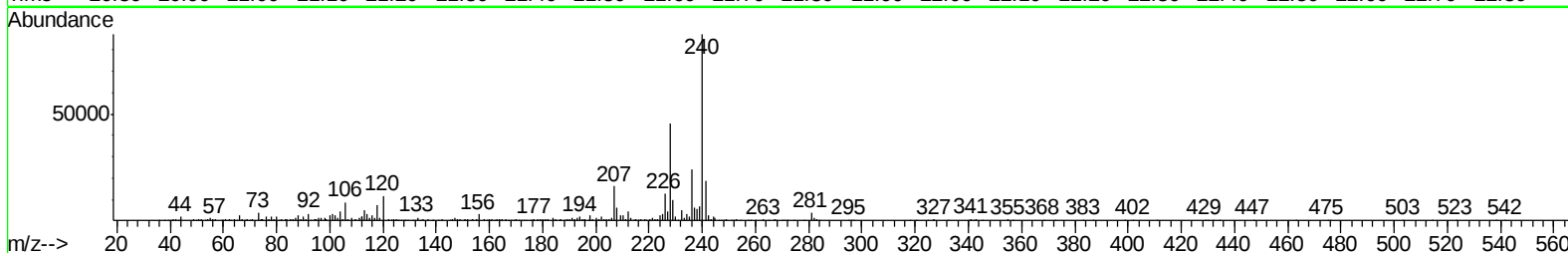
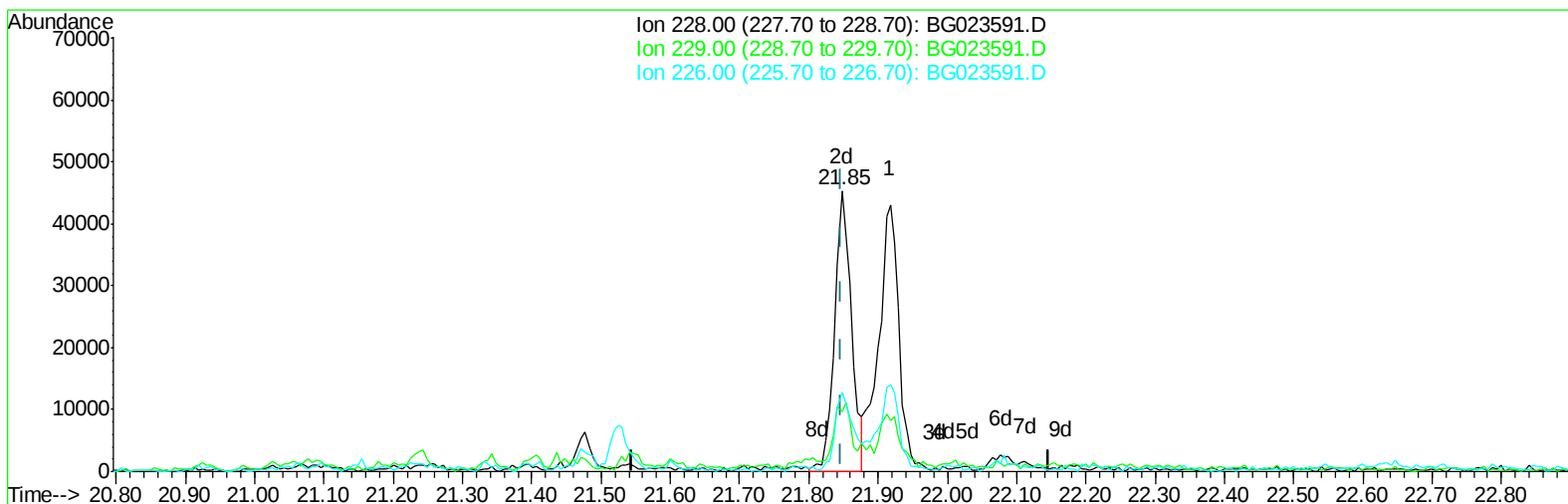
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 04:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023591.D

(80) Benzo(a)anthracene

21.847min (+0.001) 1.25ng/ul m

response 77169

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.15
226.00	28.50	28.00
0.00	0.00	0.00

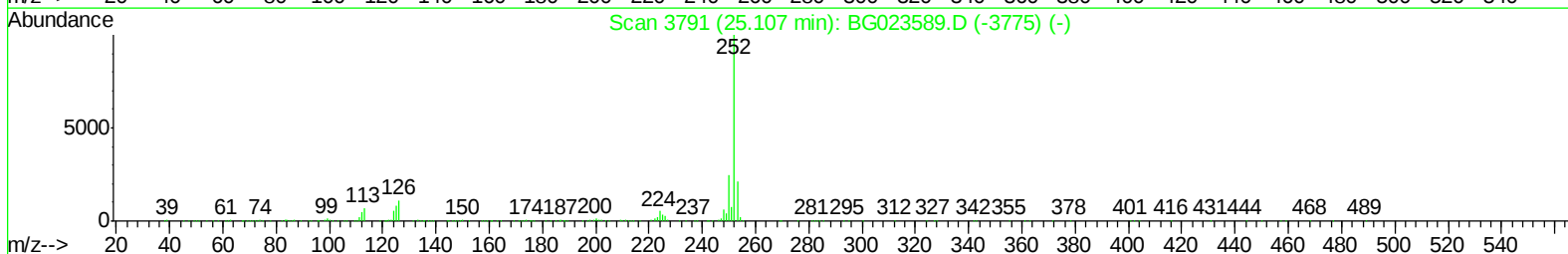
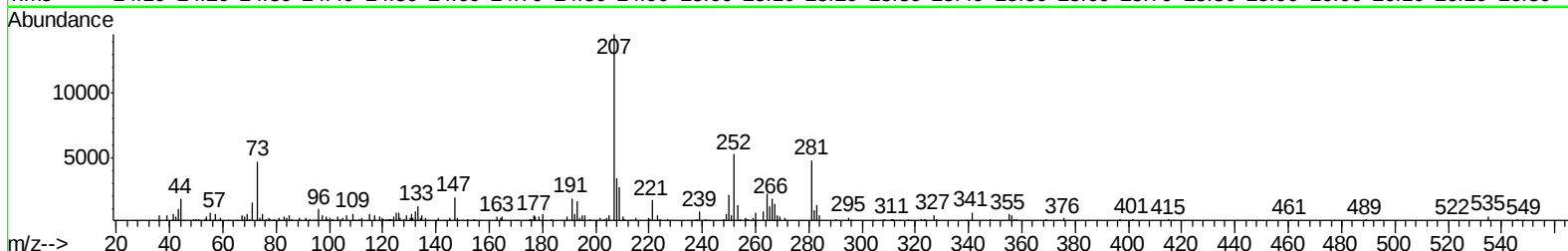
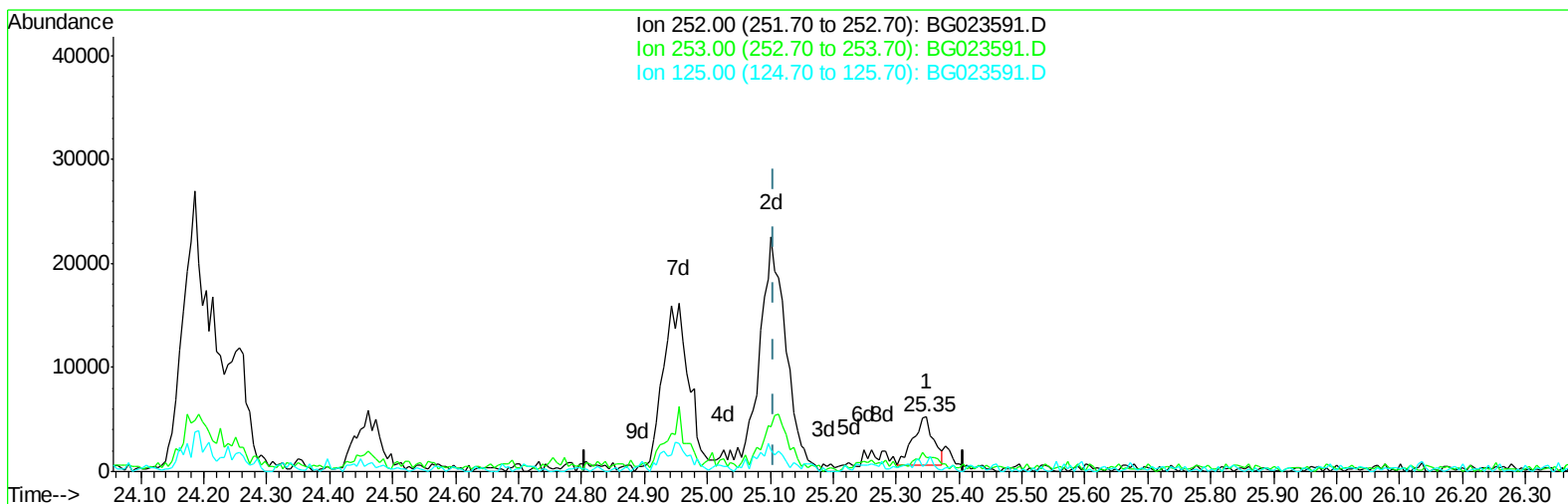
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 04:08:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023591.D

(88) Benzo(a)pyrene (C)

25.348min (+0.242) 0.18ng/ul

response 10494

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	26.00
125.00	15.00	13.80
0.00	0.00	0.00

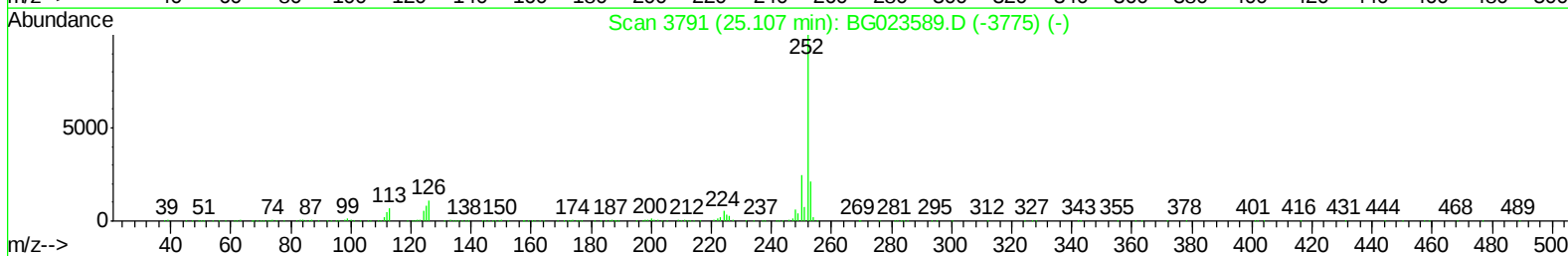
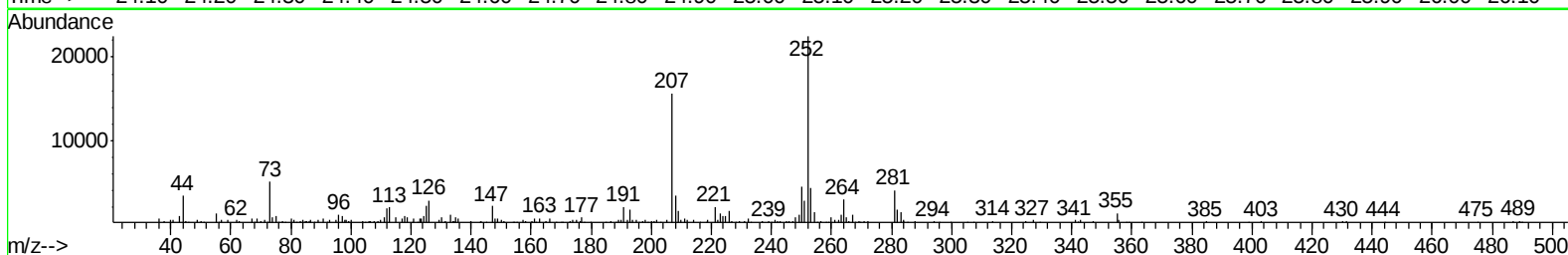
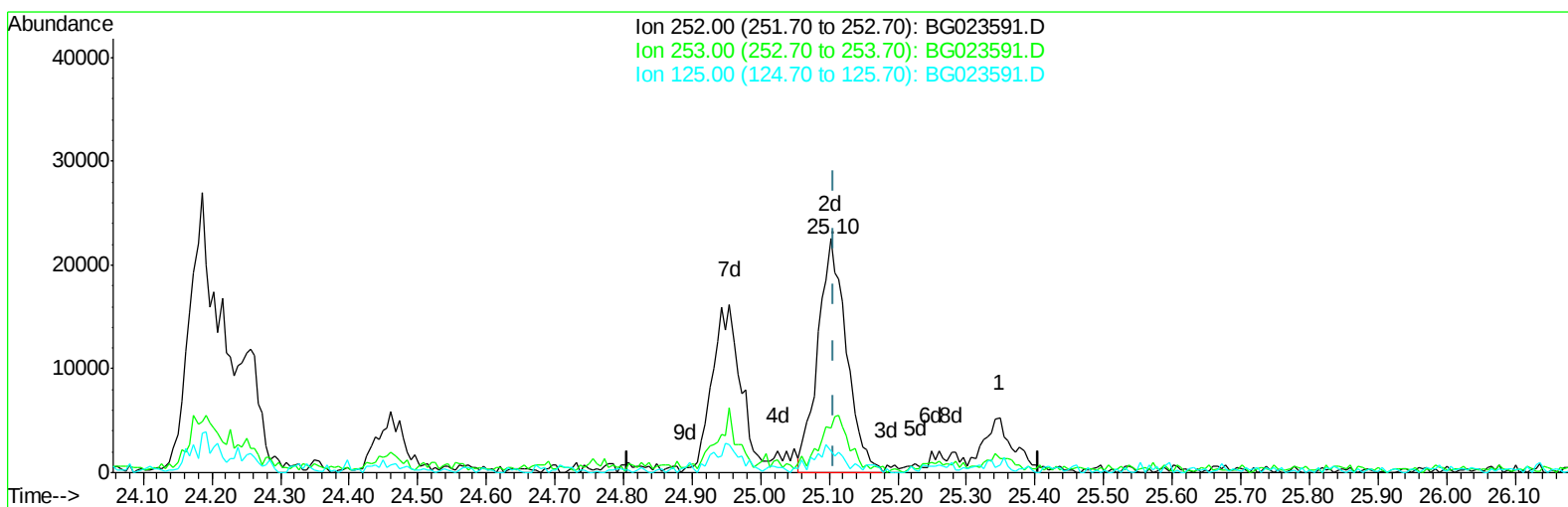
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 04:08:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023591.D

(88) Benzo(a)pyrene (C)

25.102min (-0.005) 1.10ng/ul m

response 65167

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	19.09
125.00	15.00	9.35#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023591.D
 Acq On : 10 Aug 2016 14:21
 Operator : UM/SJ
 Sample : H4360-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PR001-SS002-3642-01

Manual Integrations
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Quant Time: Aug 11 04:10:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	119021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	533067	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	391748	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1015084	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1098968m	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1073968	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	4725	1.69	ng/uL	0.00
5) Phenol-d5	7.27	99	252100	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	163330	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	172872	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	194236	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	91025	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	104007	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	193019	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	257566m	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	723505	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	828706	22.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	114652m	20.94	ng/ul	0.01
57) Fluorene-d10	15.78	176	683365	23.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	119929	18.42	ng/ul	0.00
70) Anthracene-d10	17.65	188	1098526	24.02	ng/ul	0.00
76) Pyrene-d10	19.94	212	1272711	22.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1159108	23.84	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	454877	14.32	ng/ul	98
69) Phenanthrene	17.59	178	105626	2.01	ng/ul	99
74) Fluoranthene	19.60	202	141106	2.62	ng/ul#	95
77) Pyrene	19.97	202	188338m	2.77	ng/ul	
80) Benzo(a)anthracene	21.85	228	77169m	1.25	ng/ul	
82) Chrysene	21.92	228	85914	1.53	ng/ul	97
88) Benzo(a)pyrene	25.10	252	65167m	1.10	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Manual Integrations
APPROVED

sohil
8/11/2016 6:11:31 PM

Quant Time: Aug 11 04:10:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

