

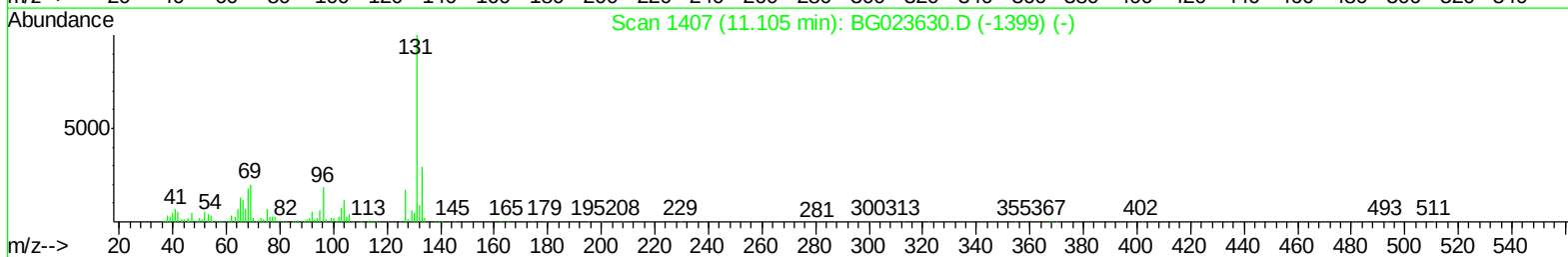
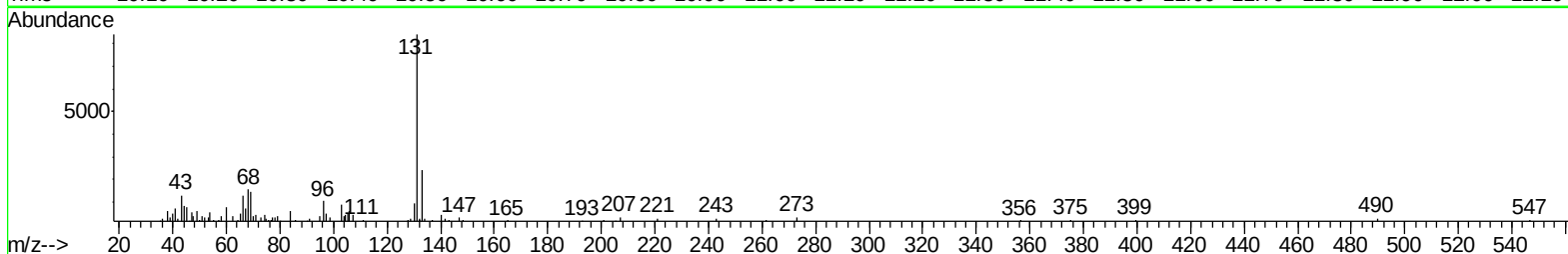
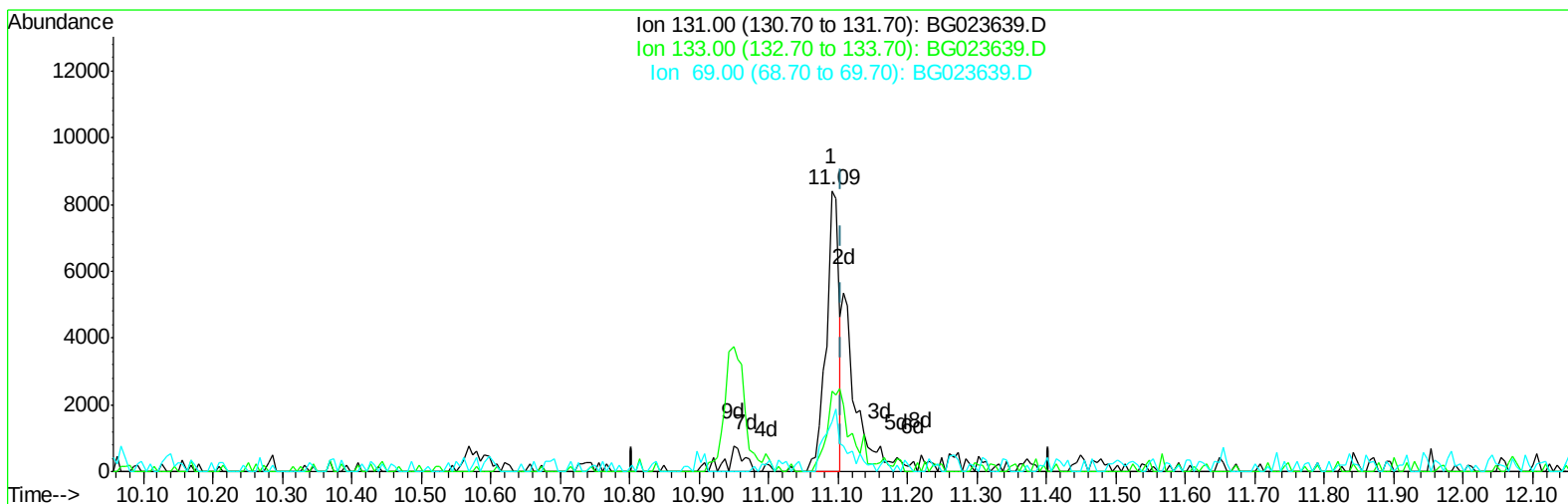
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

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TIC: BG023639.D

(29) 4-Chloroaniline-d4 (S)

11.091min (-0.014) 0.73ng/ul

response 10613

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	28.79
69.00	15.40	17.58
0.00	0.00	0.00

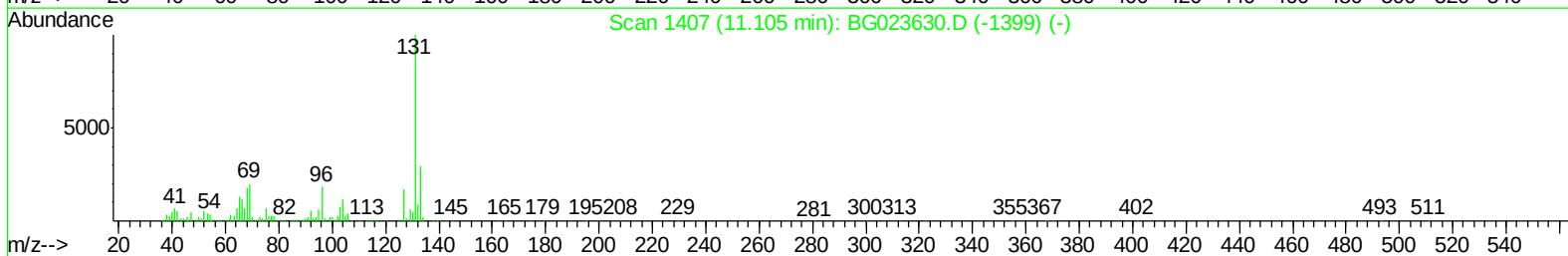
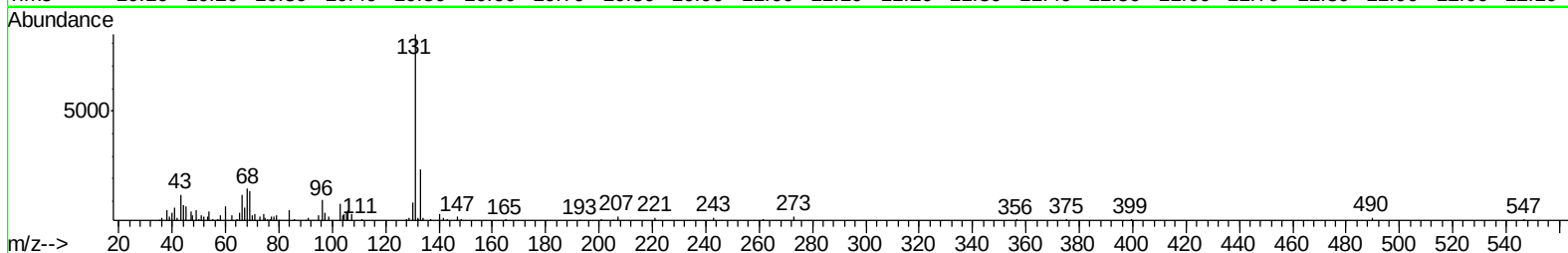
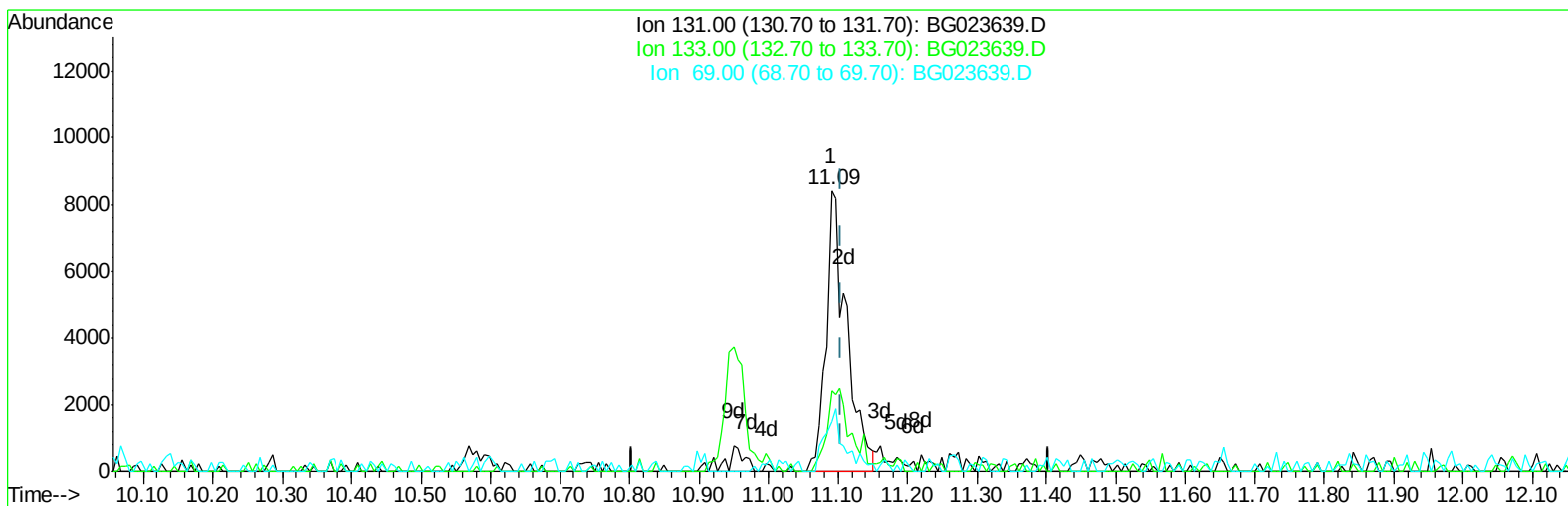
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
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Operator : UM/SJ
Sample : H4360-07 5X
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 12 04:37:34 2016
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Manual Integrations
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TIC: BG023639.D

(29) 4-Chloroaniline-d4 (S)

11.091min (-0.014) 1.18ng/ul m

response 17150

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	28.79
69.00	15.40	17.58
0.00	0.00	0.00

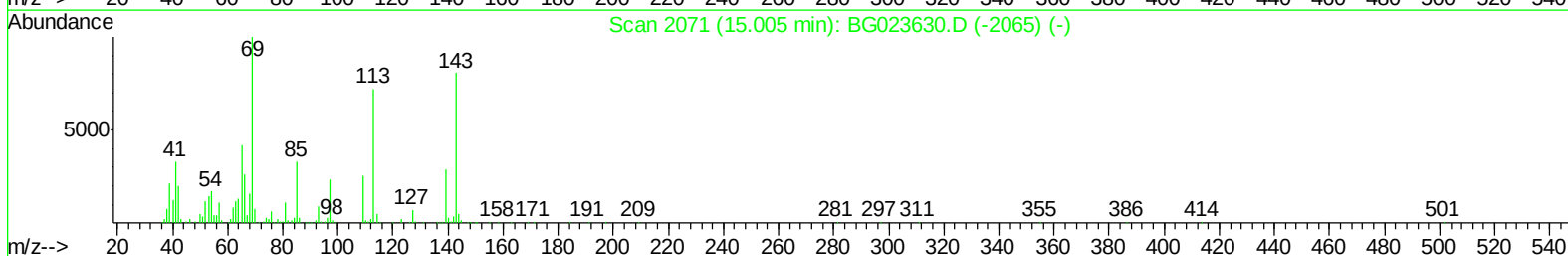
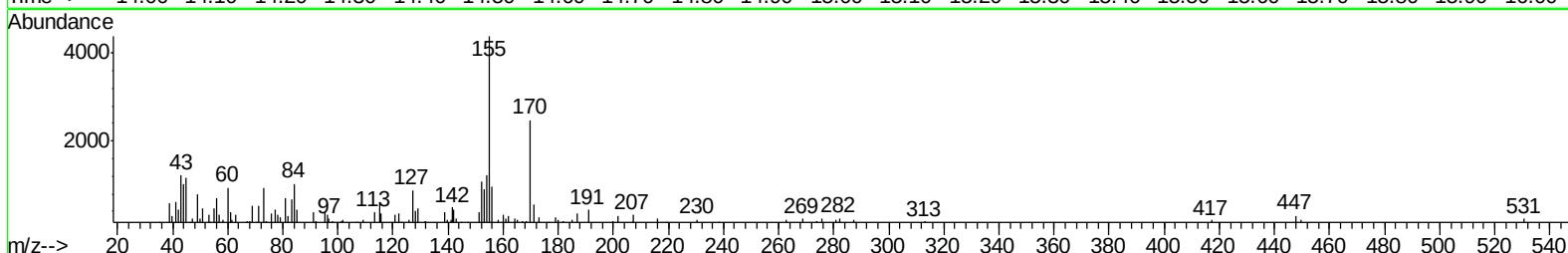
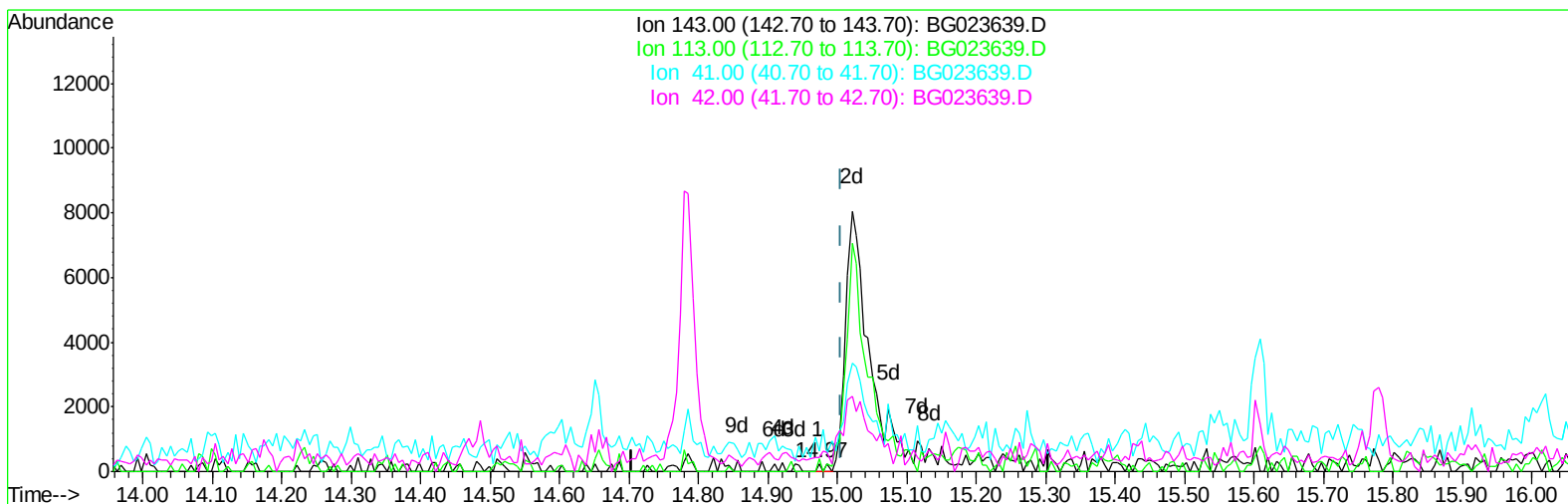
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration



TIC: BG023639.D

(51) 4-Nitrophenol-d4 (S)
14.974min (-0.032) 0.03ng/ul

response 170

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	159.04#
41.00	26.90	248.59#
42.00	16.10	177.51#

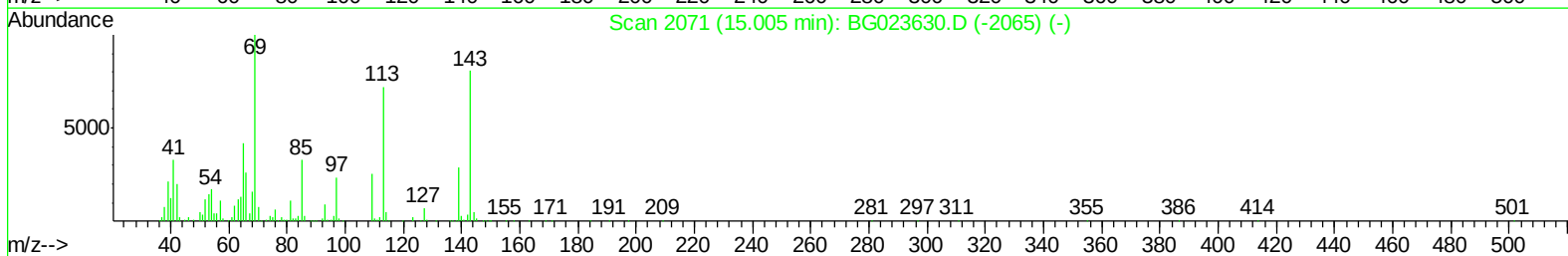
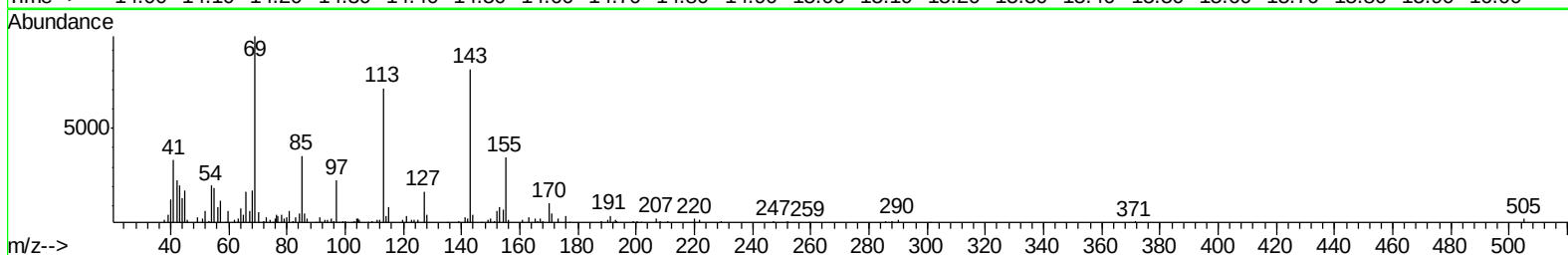
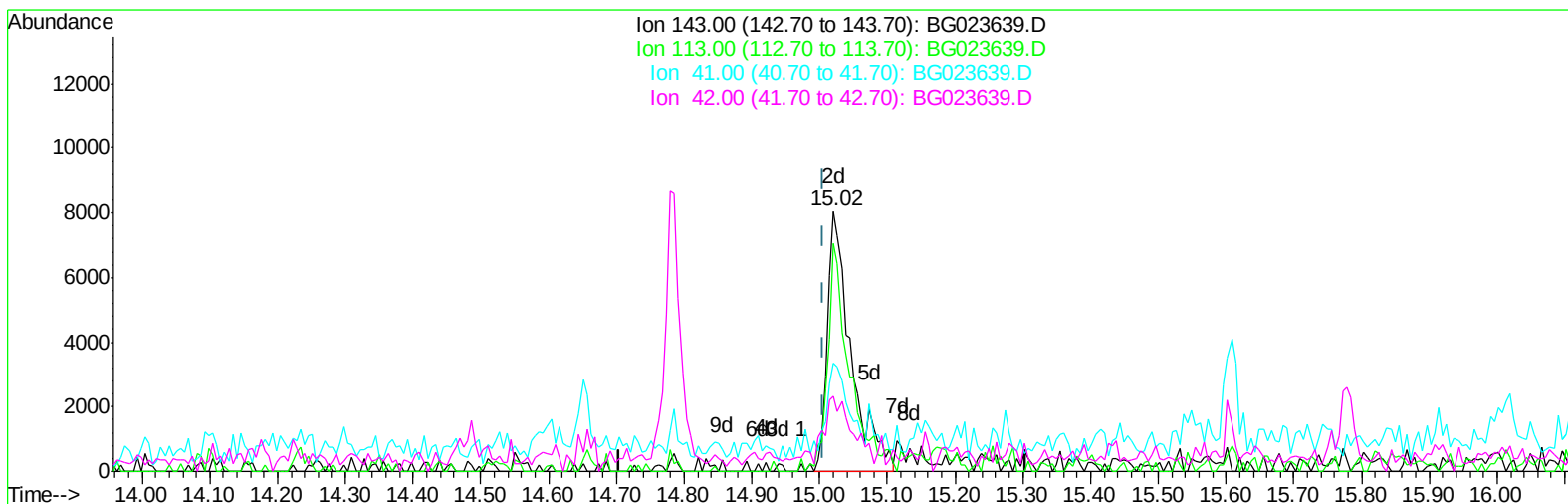
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG023639.D

(51) 4-Nitrophenol-d4 (S)

15.021min (+0.015) 2.94ng/ul m

response 19300

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	87.58#
41.00	26.90	41.53#
42.00	16.10	29.12#

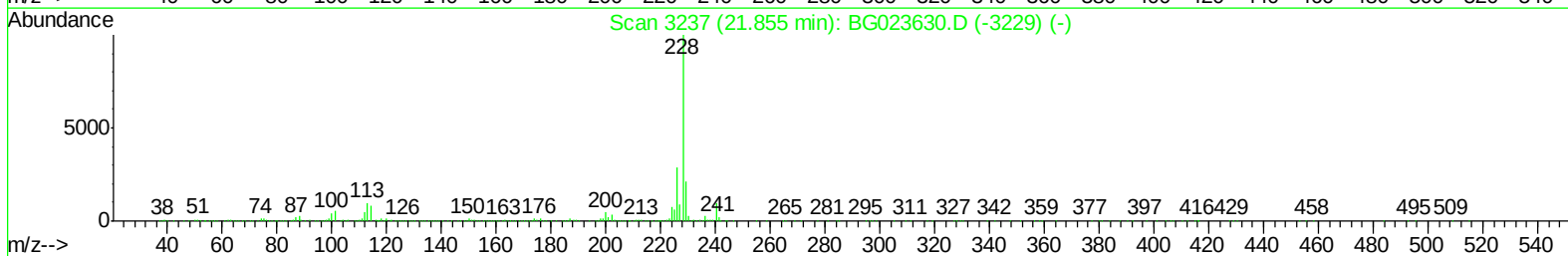
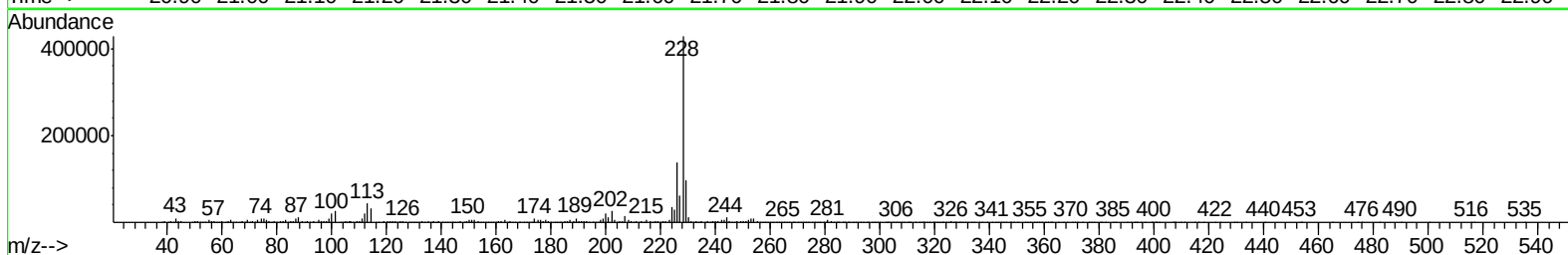
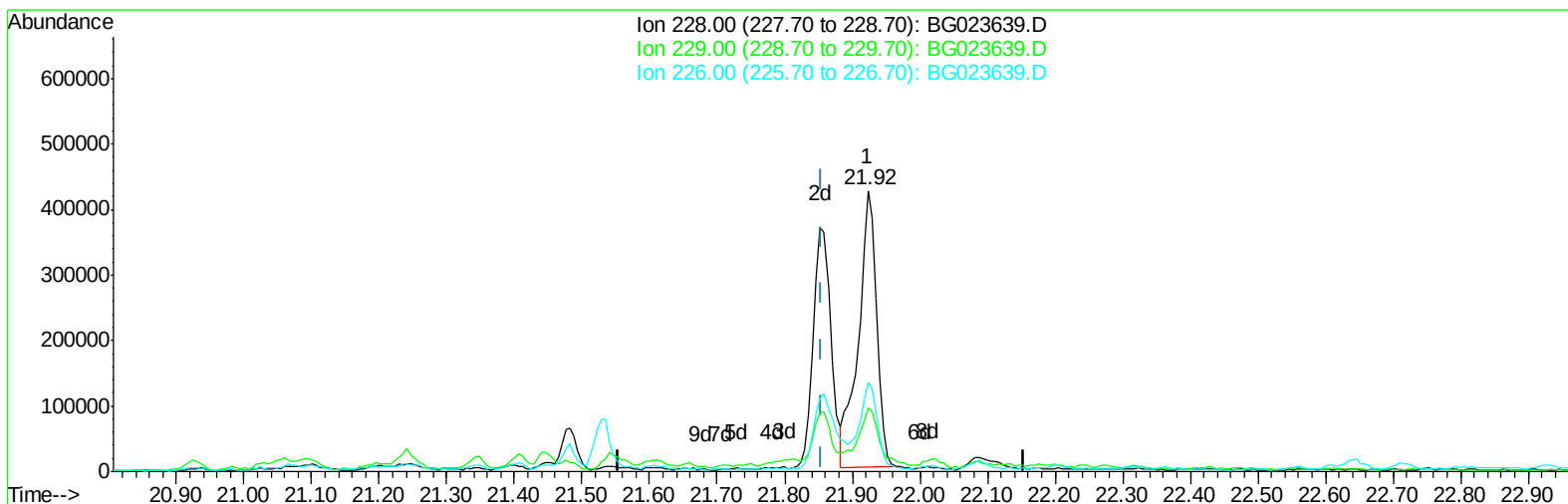
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023639.D

(80) Benzo(a)anthracene
21.923min (+0.068) 13.16ng/ul
response 800223

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.53
226.00	28.50	32.06
0.00	0.00	0.00

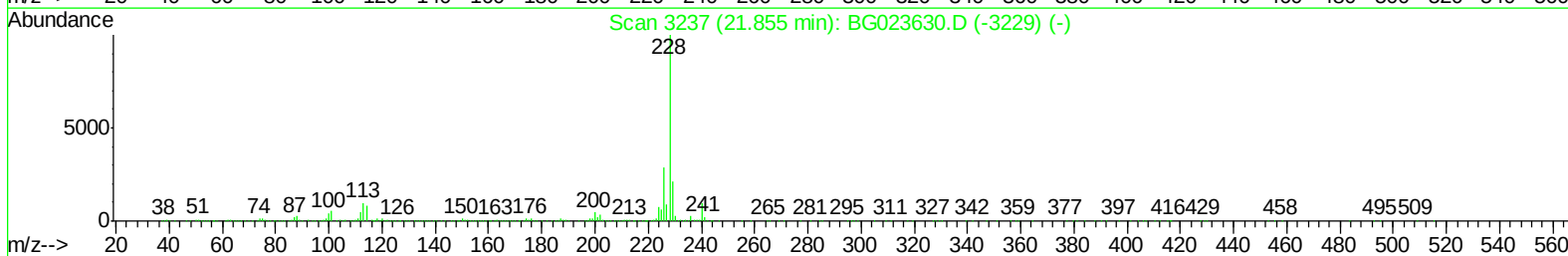
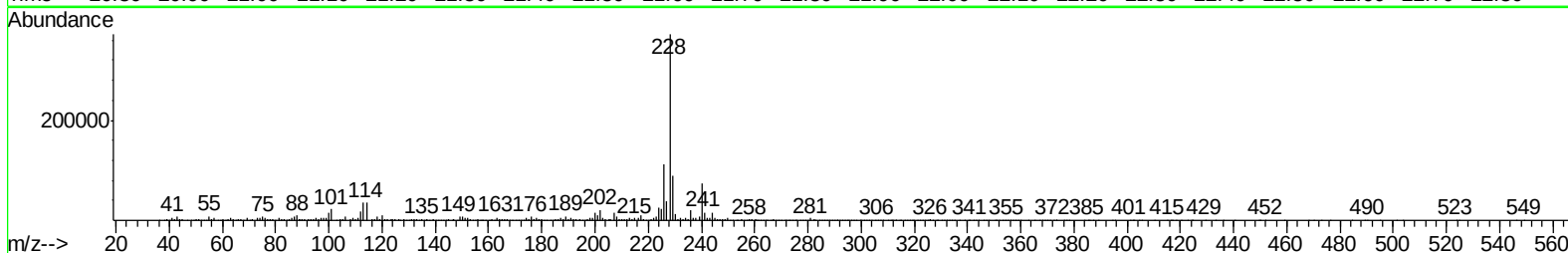
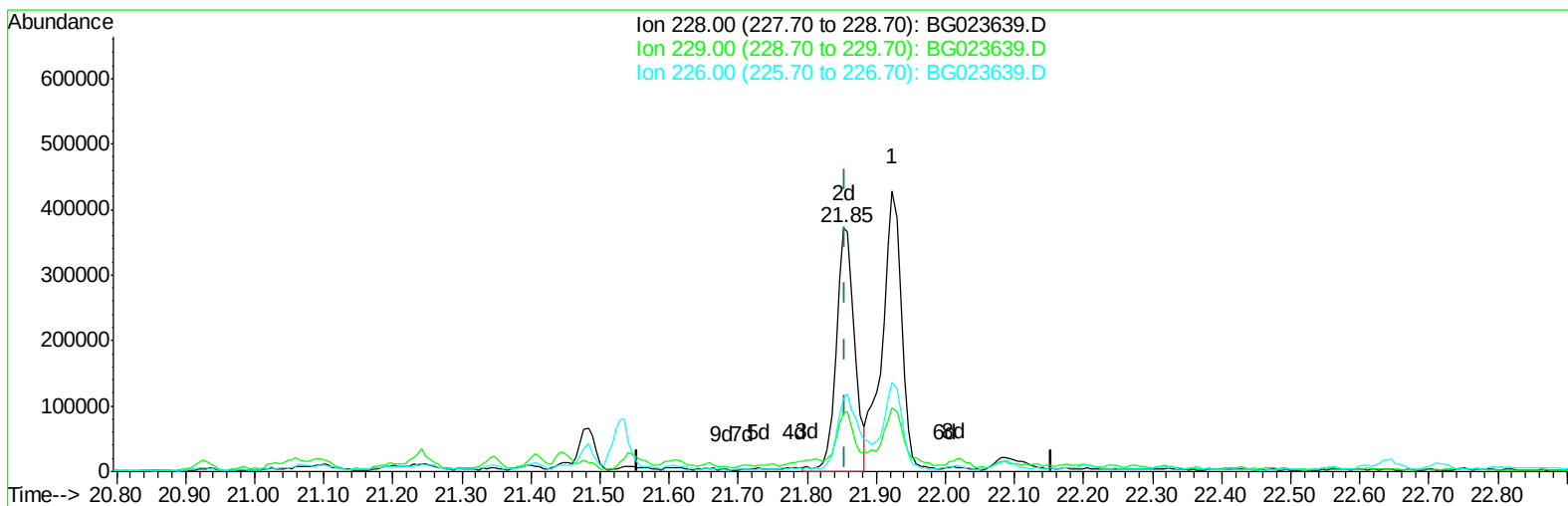
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023639.D

(80) Benzo(a)anthracene

21.853min (-0.002) 11.39ng/ul m

response 692285

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	24.26#
226.00	28.50	30.11
0.00	0.00	0.00

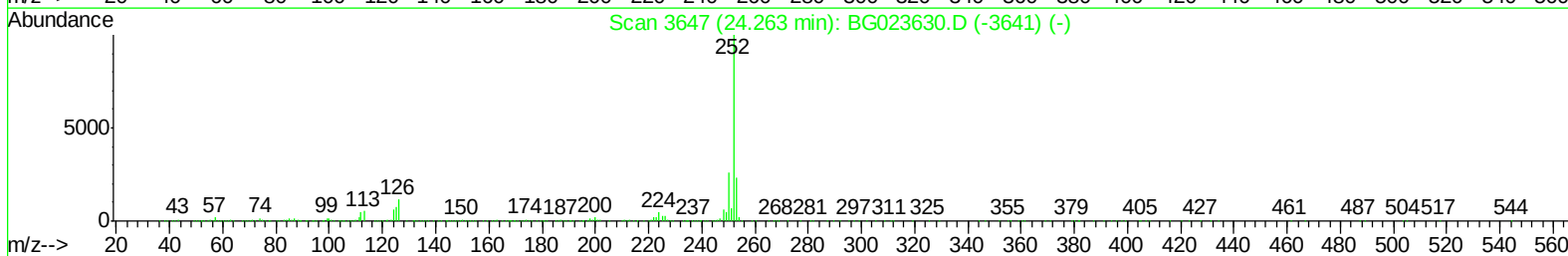
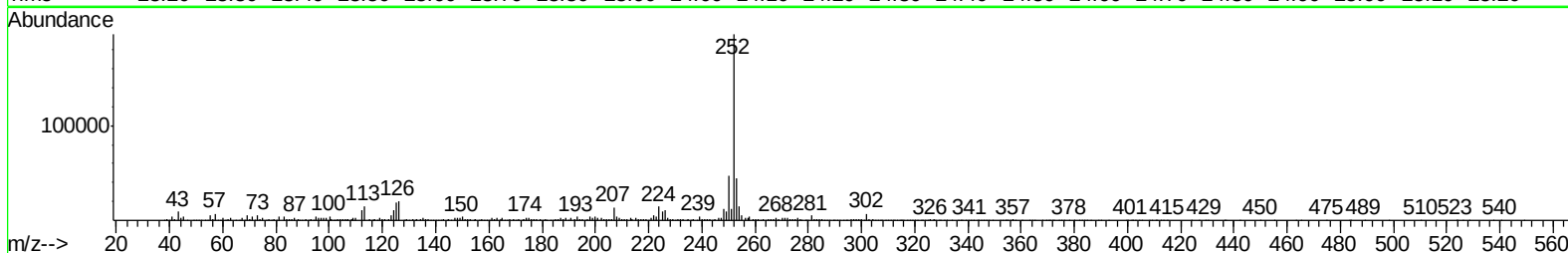
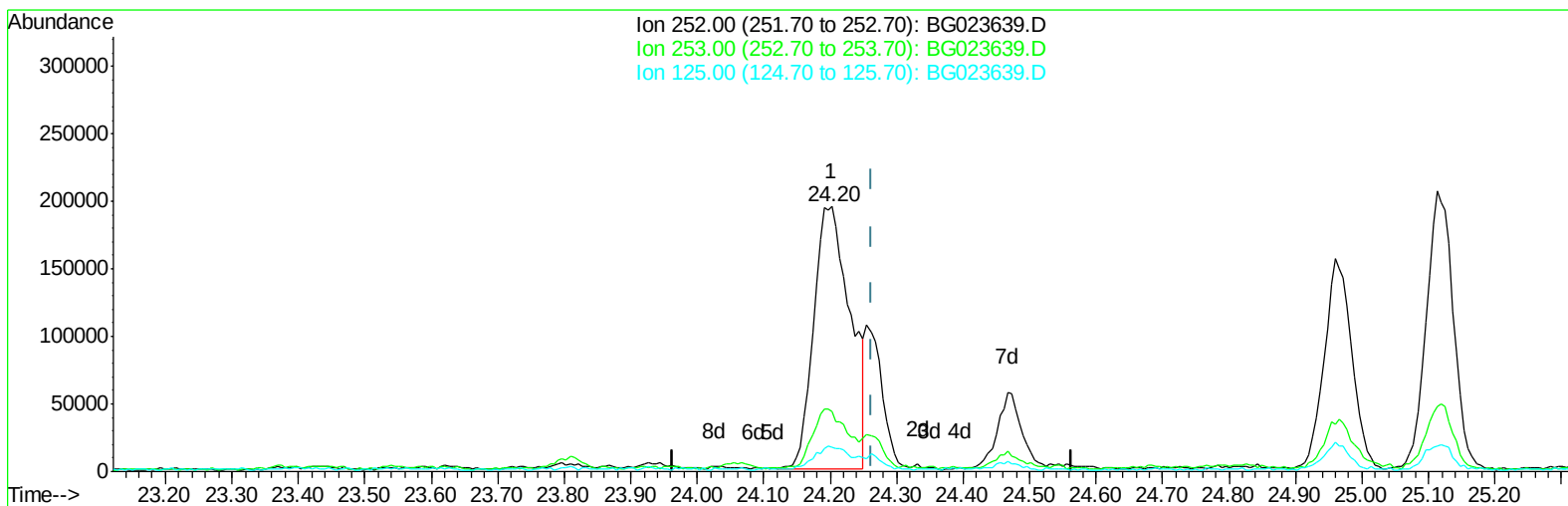
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration



TIC: BG023639.D

(86) Benzo(k)fluoranthene

24.202min (-0.061) 11.92ng/ul

response 747143

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	22.55
125.00	13.30	9.39#
0.00	0.00	0.00

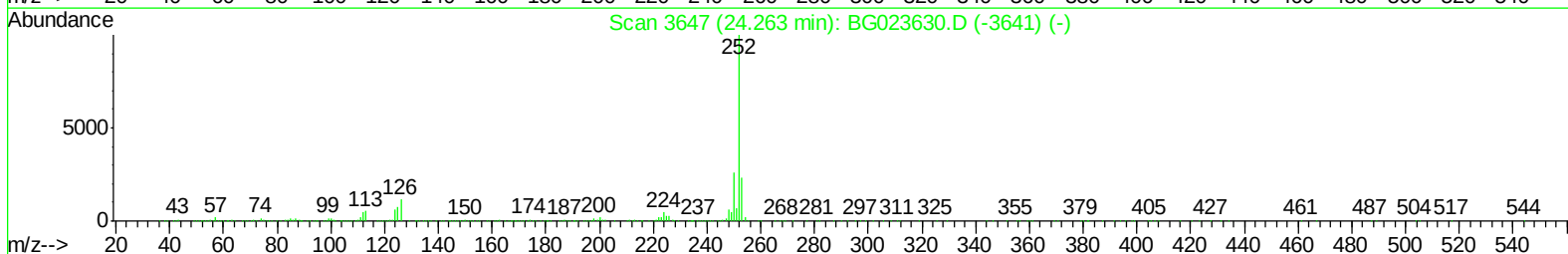
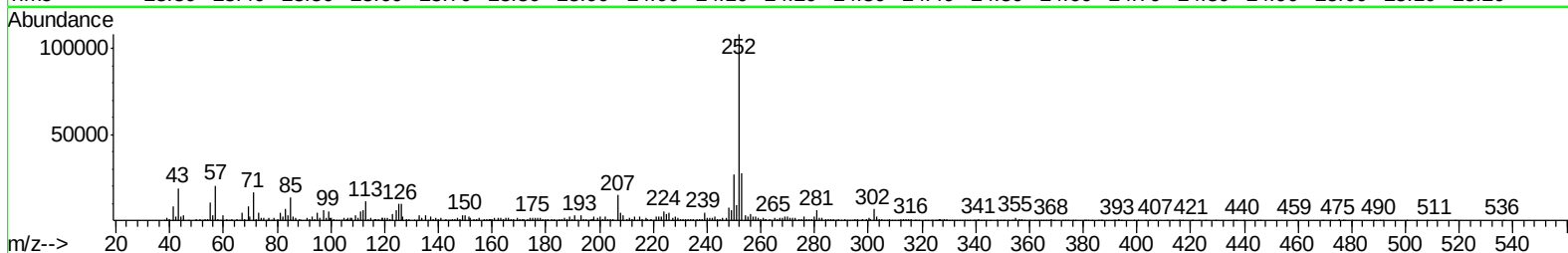
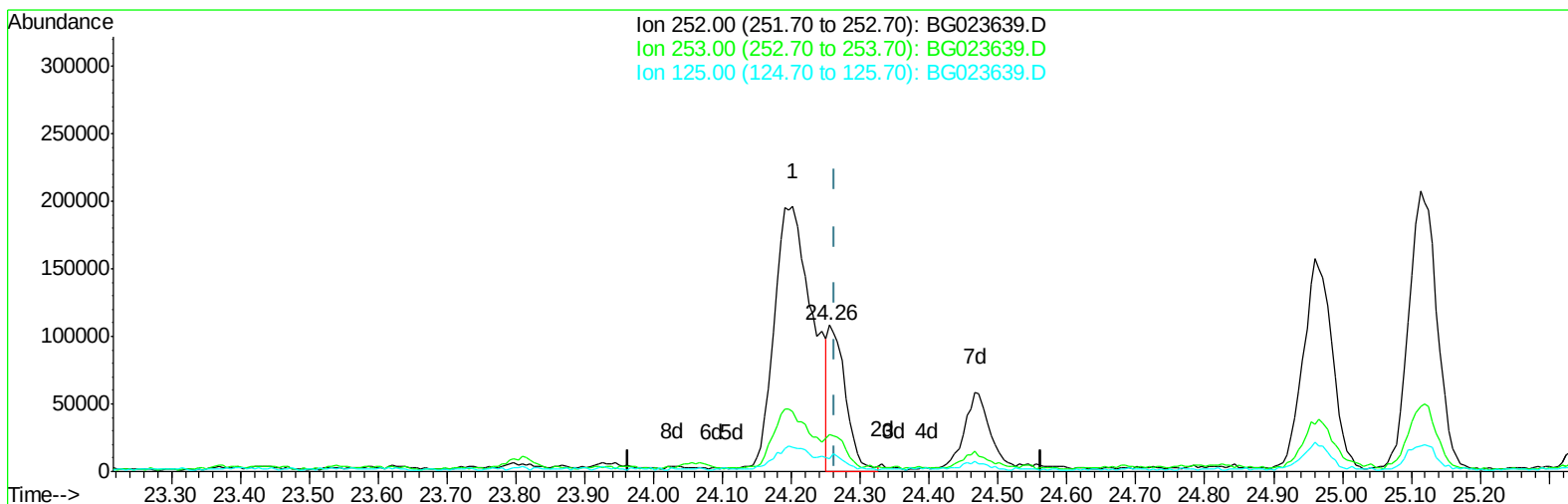
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023639.D

(86) Benzo(k)fluoranthene

24.255min (-0.008) 3.04ng/ul m

response 190340

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	25.23#
125.00	13.30	8.99#
0.00	0.00	0.00

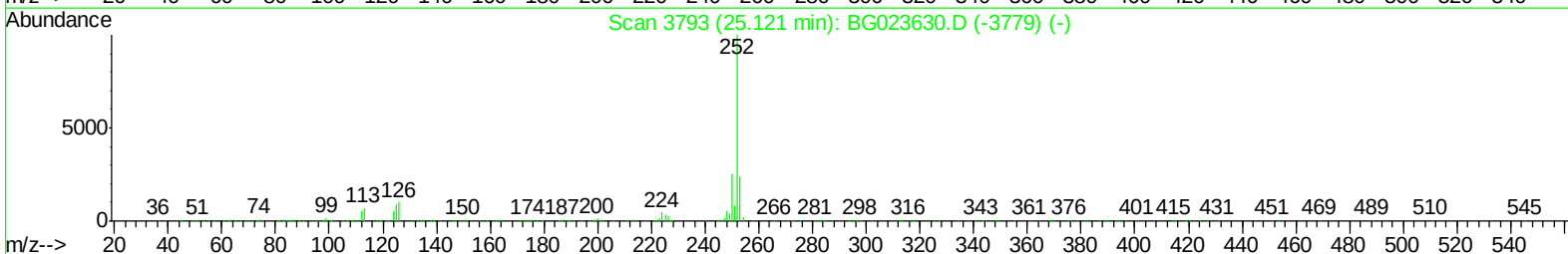
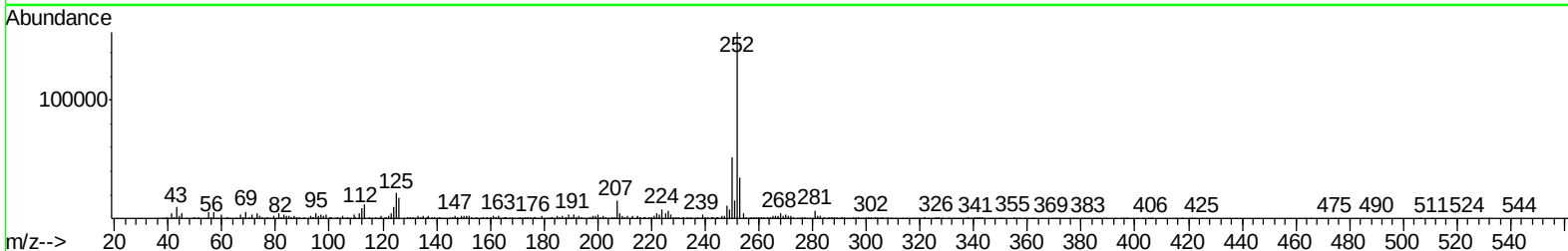
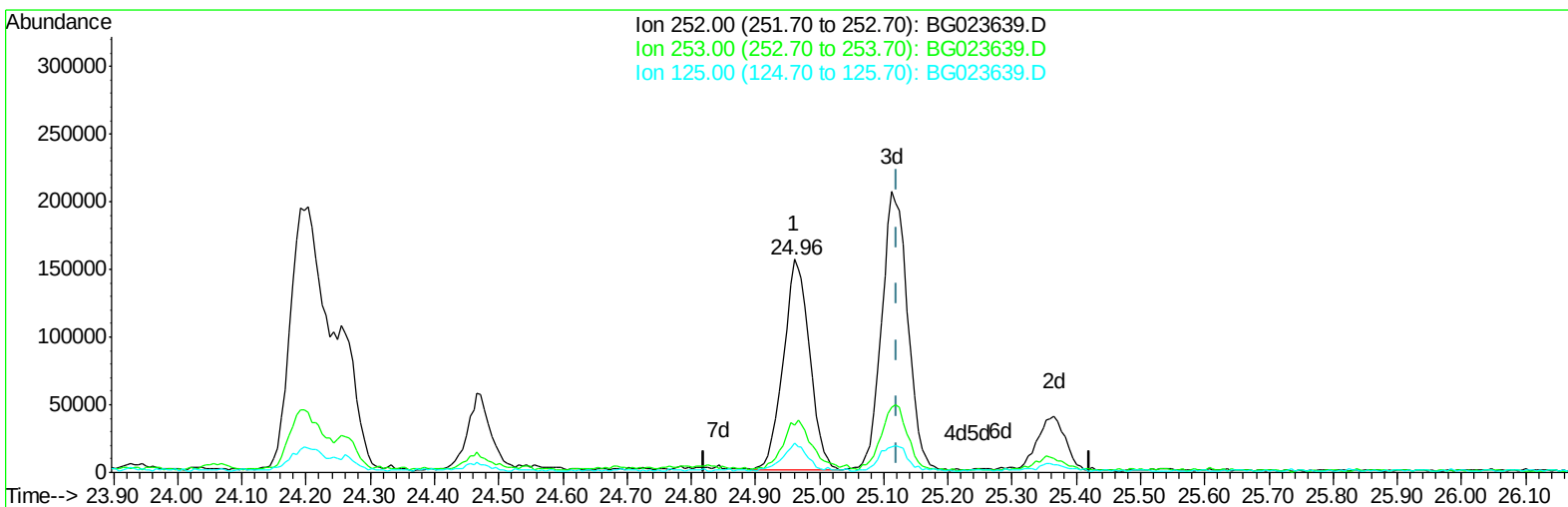
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023639.D

(88) Benzo(a)pyrene (C)

24.960min (-0.161) 7.36ng/ul

response 452315

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.18
125.00	15.00	13.67
0.00	0.00	0.00

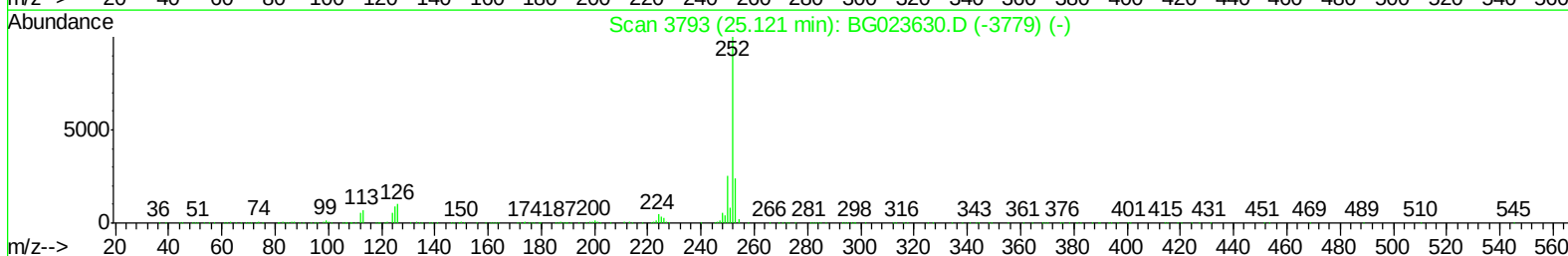
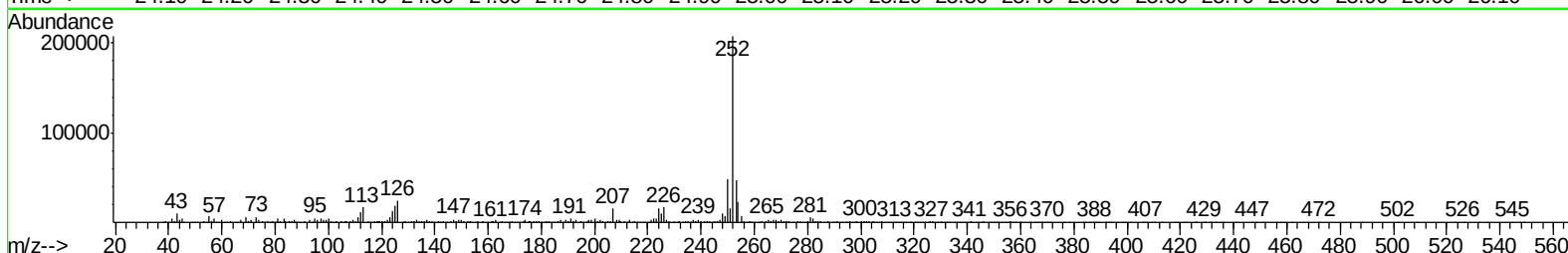
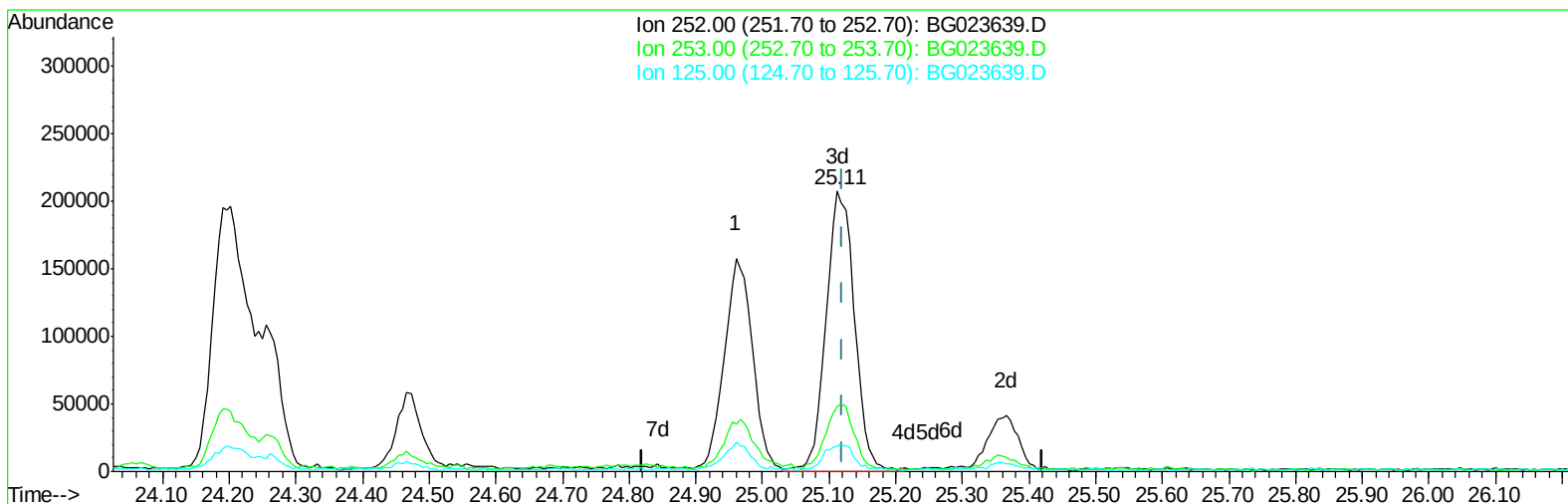
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 12 04:37:34 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration



TIC: BG023639.D

(88) Benzo(a)pyrene (C)

25.113min (-0.008) 9.93ng/ul m

response 610347

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.02
125.00	15.00	9.32#
0.00	0.00	0.00

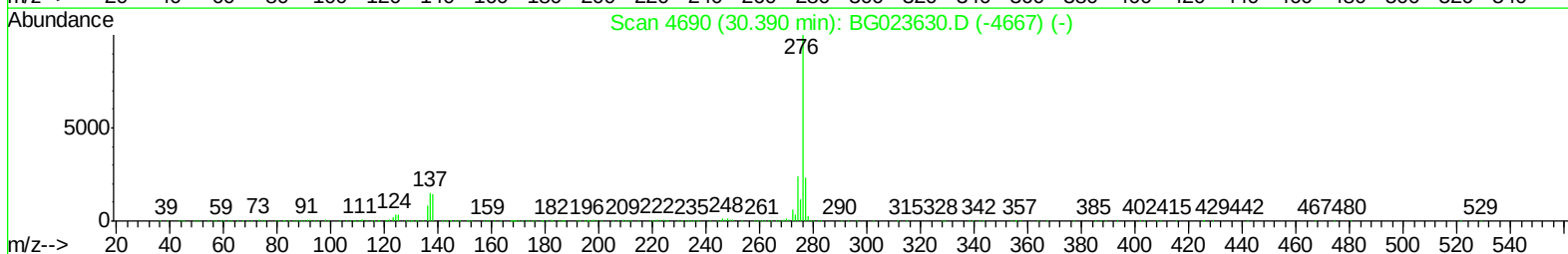
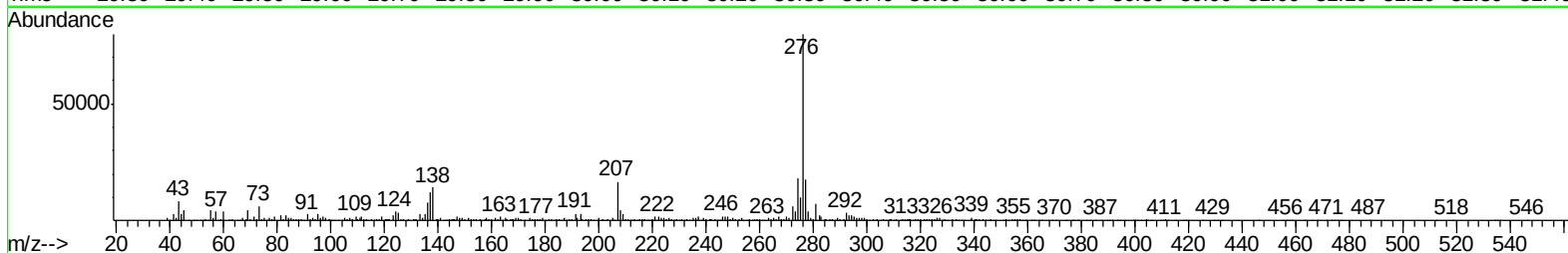
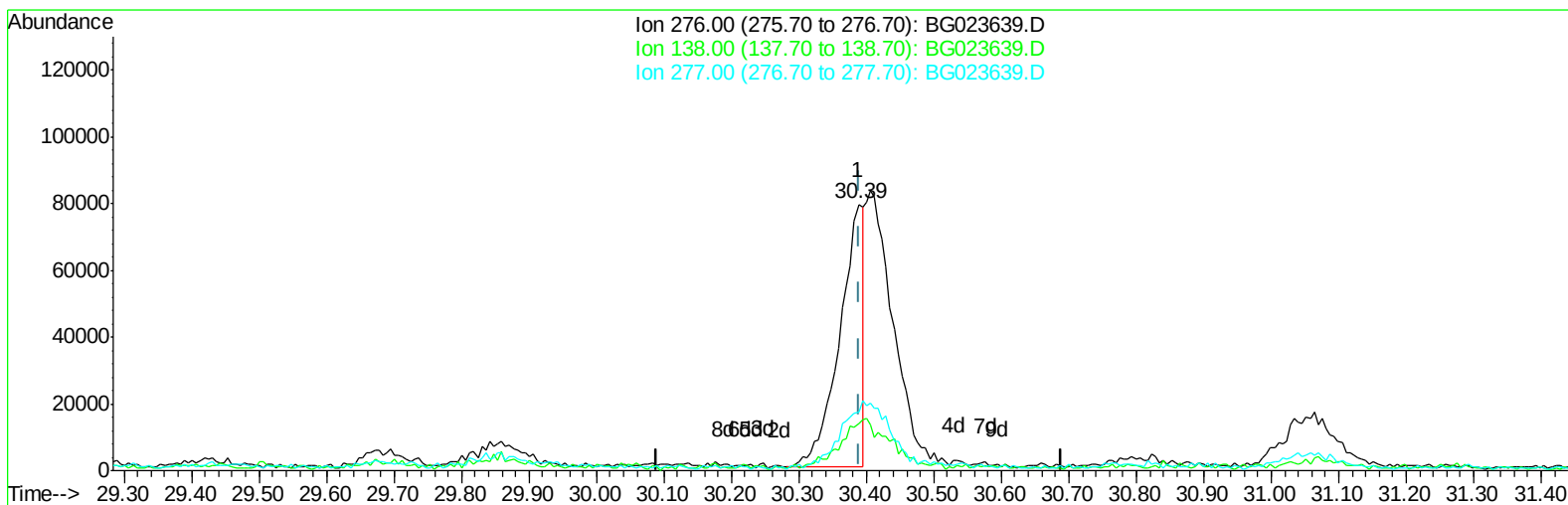
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Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration



TIC: BG023639.D

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

30.388min (-0.002) 3.18ng/ul

response 190587

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	17.86#
277.00	21.20	22.08
0.00	0.00	0.00

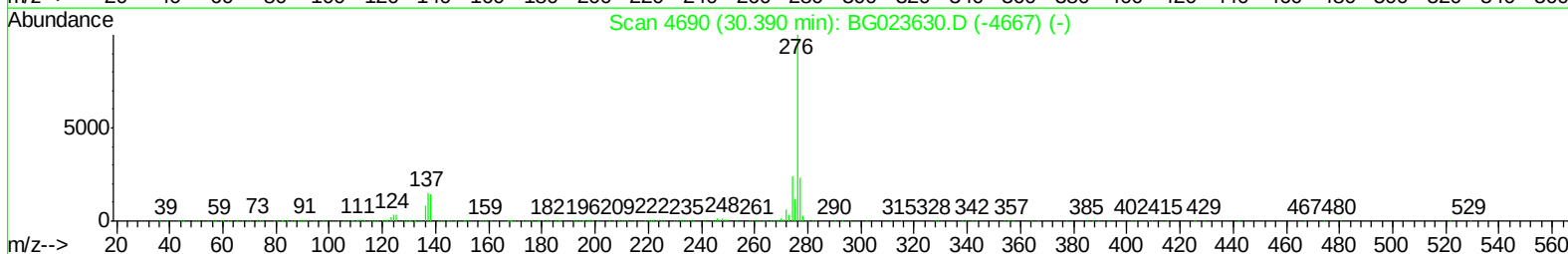
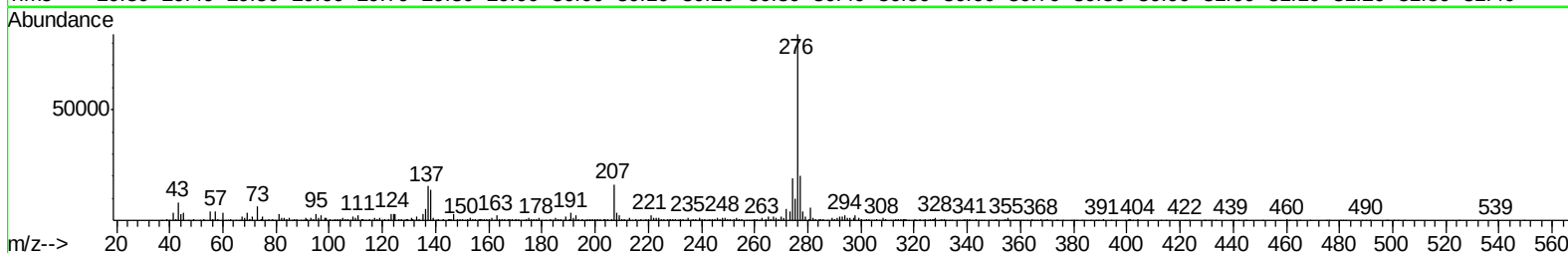
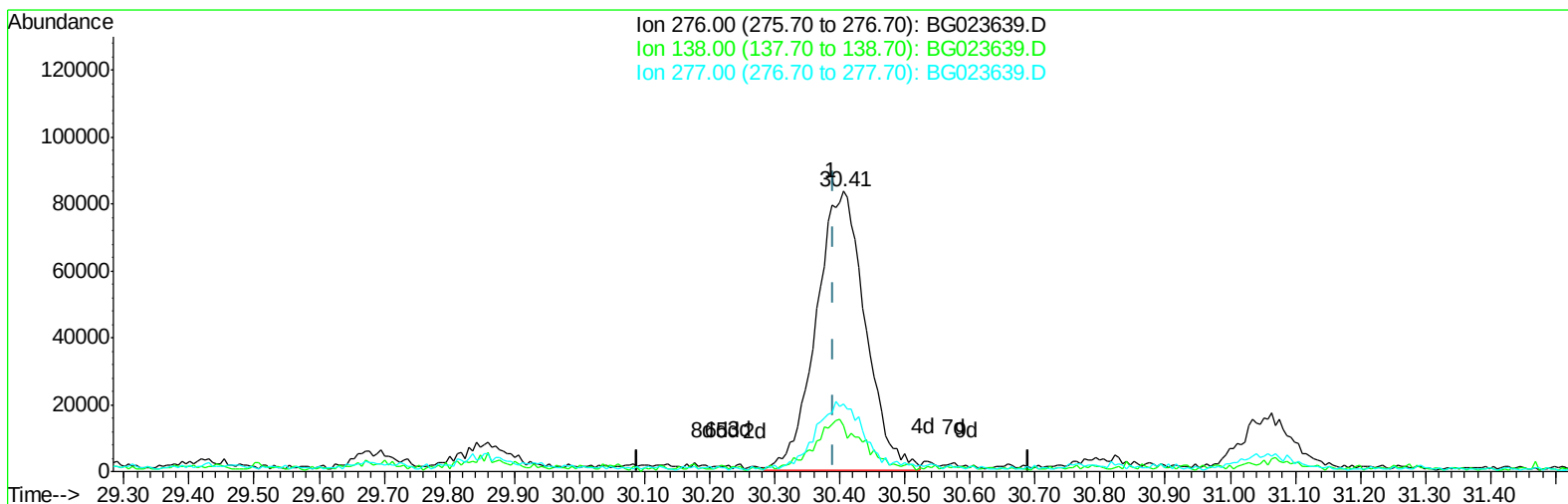
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 12 04:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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Manual Integrations
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TIC: BG023639.D

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

30.406min (+0.015) 7.33ng/ul m

response 438698

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	16.52#
277.00	21.20	24.17
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023639.D
 Acq On : 12 Aug 2016 1:58
 Operator : UM/SJ
 Sample : H4360-07 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 12 05:57:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	157665	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	723034	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	469201	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1063076	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1079643	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1119386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1317	0.36	ng/uL	0.00
5) Phenol-d5	7.27	99	54892	3.46	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35660	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	40435	3.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	40312	3.25	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	21378	3.75	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	24025	3.67	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	45770	3.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	17150m	1.18	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	153904	4.01	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	187400	4.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	19300m	2.94	ng/ul	0.02
57) Fluorene-d10	15.78	176	145424	4.10	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	13800	2.02	ng/ul	0.00
70) Anthracene-d10	17.65	188	209874	4.38	ng/ul	-0.01
76) Pyrene-d10	19.94	212	228051	4.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	210021	4.15	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	99783	2.62	ng/ul	99
47) Acenaphthylene	14.52	152	118638	2.62	ng/ul#	93
58) Fluorene	15.84	166	53181	1.40	ng/ul	96
69) Phenanthrene	17.59	178	924557	16.79	ng/ul	98
71) Anthracene	17.69	178	96927	1.73	ng/ul	99
74) Fluoranthene	19.61	202	1118460	19.84	ng/ul#	94
77) Pyrene	19.97	202	1532240	22.96	ng/ul	94
80) Benzo(a)anthracene	21.85	228	692285m	11.39	ng/ul	
82) Chrysene	21.92	228	816535	14.77	ng/ul	95
85) Benzo(b)fluoranthene	24.20	252	747143	11.73	ng/ul#	96
86) Benzo(k)fluoranthene	24.26	252	190340m	3.04	ng/ul	
88) Benzo(a)pyrene	25.11	252	610347m	9.93	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.17	276	375451	5.20	ng/ul#	85
91) Benzo(g,h,i)perylene	30.41	276	438698m	7.33	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:21 PM

Quant Time: Aug 12 05:57:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

