

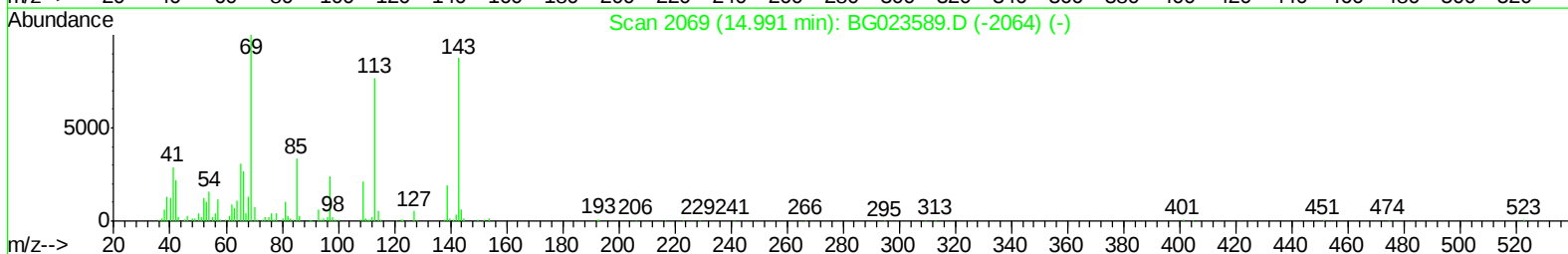
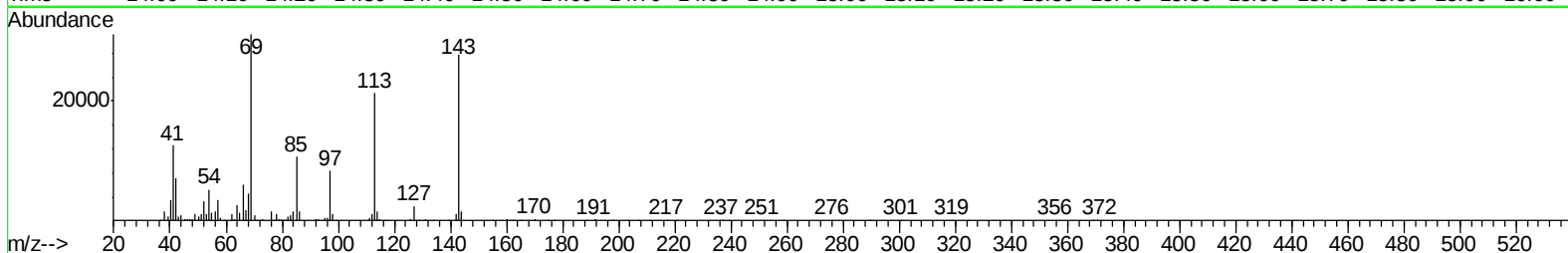
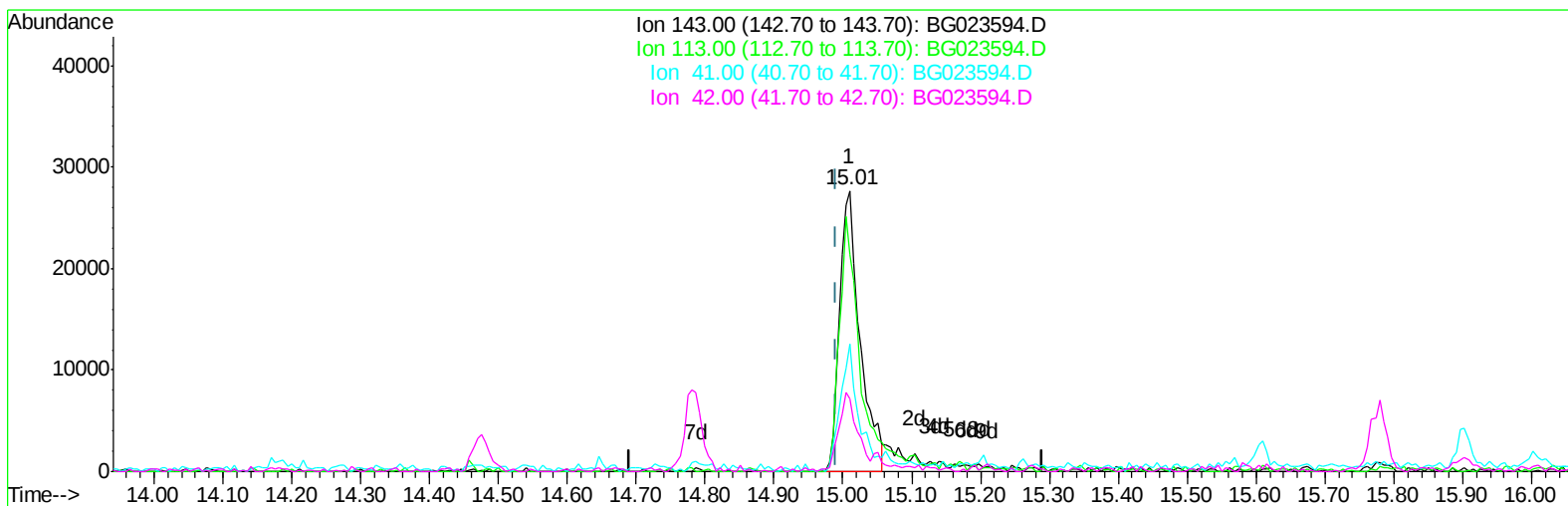
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
APPROVED

sohil
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Quant Time: Aug 11 03:58:44 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: BG023594.D

(51) 4-Nitrophenol-d4 (S)
15.010min (+0.019) 8.18ng/ul
response 57397

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	77.11#
41.00	26.90	45.65#
42.00	16.10	26.12#

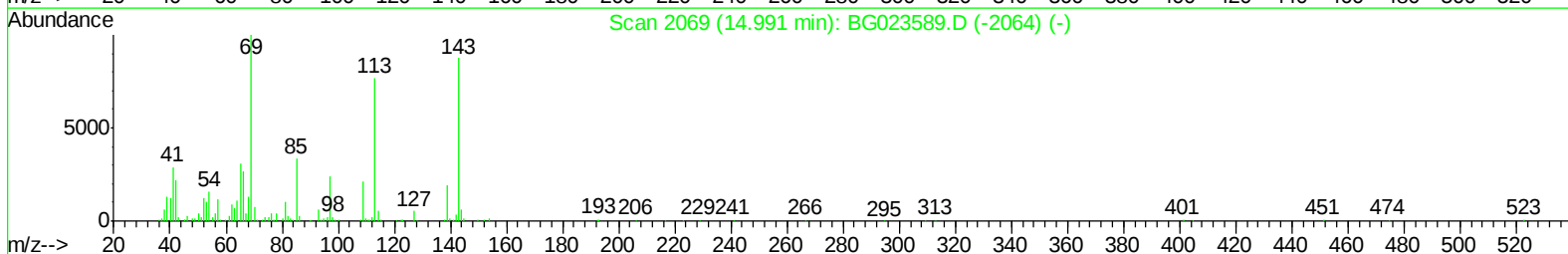
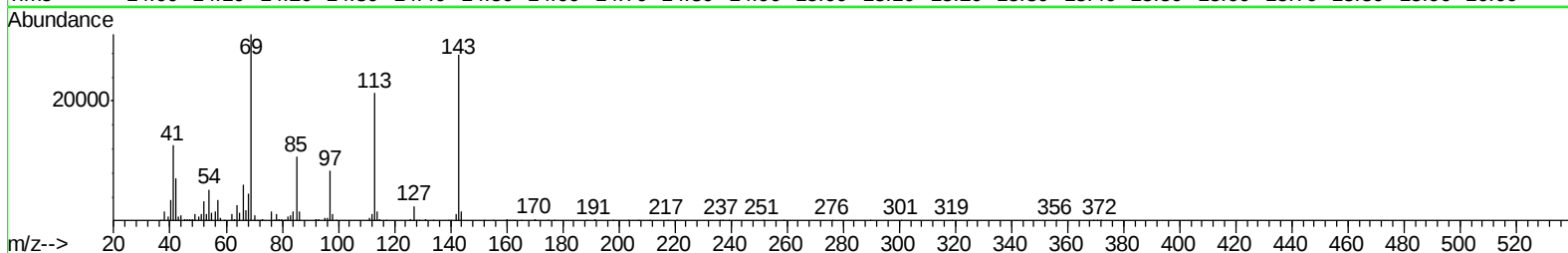
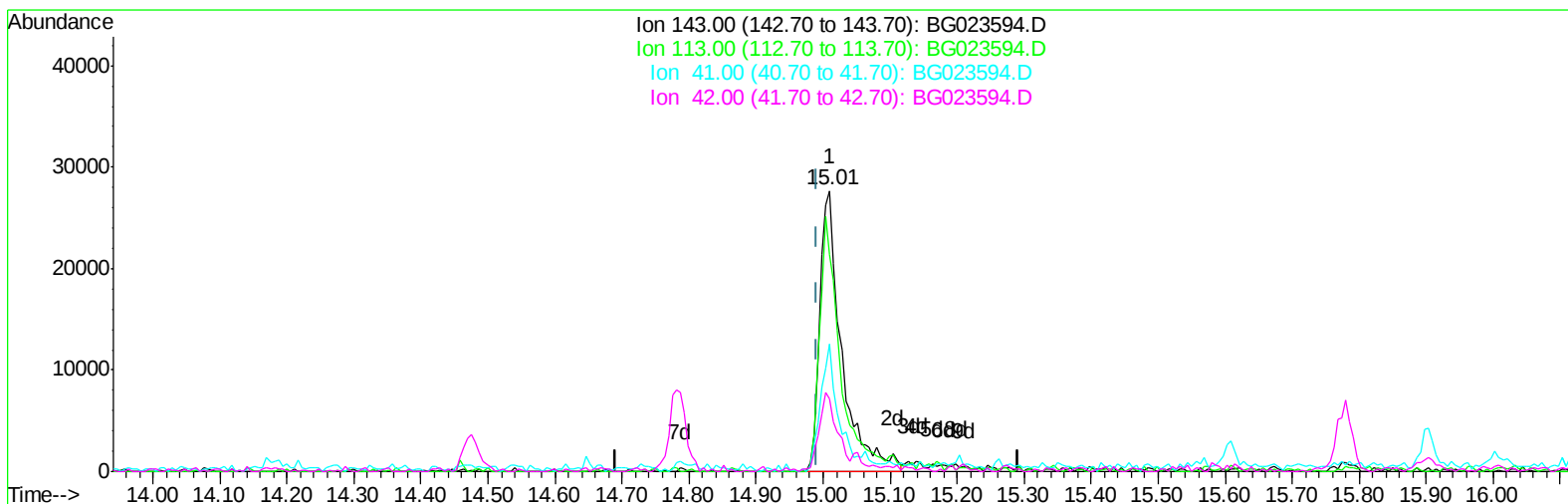
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Quant Time: Aug 11 03:58:44 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: BG023594.D

(51) 4-Nitrophenol-d4 (S)

15.010min (+0.019) 8.98ng/ul m

response 63056

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	77.11#
41.00	26.90	45.65#
42.00	16.10	26.12#

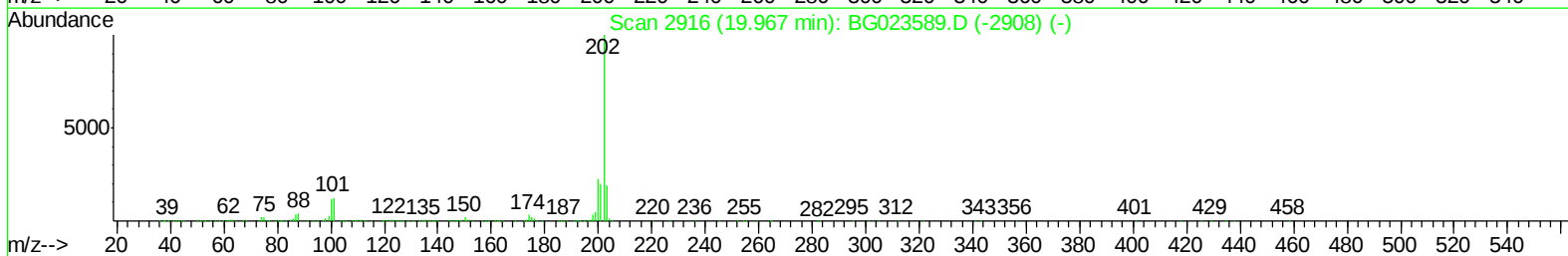
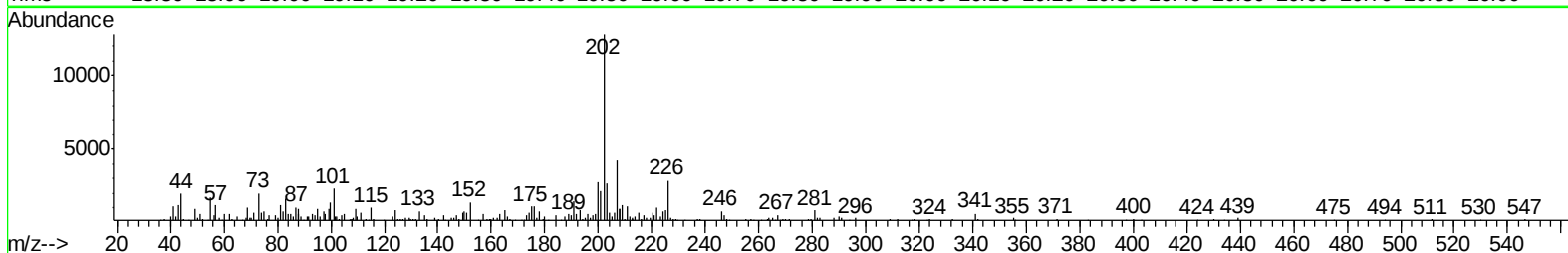
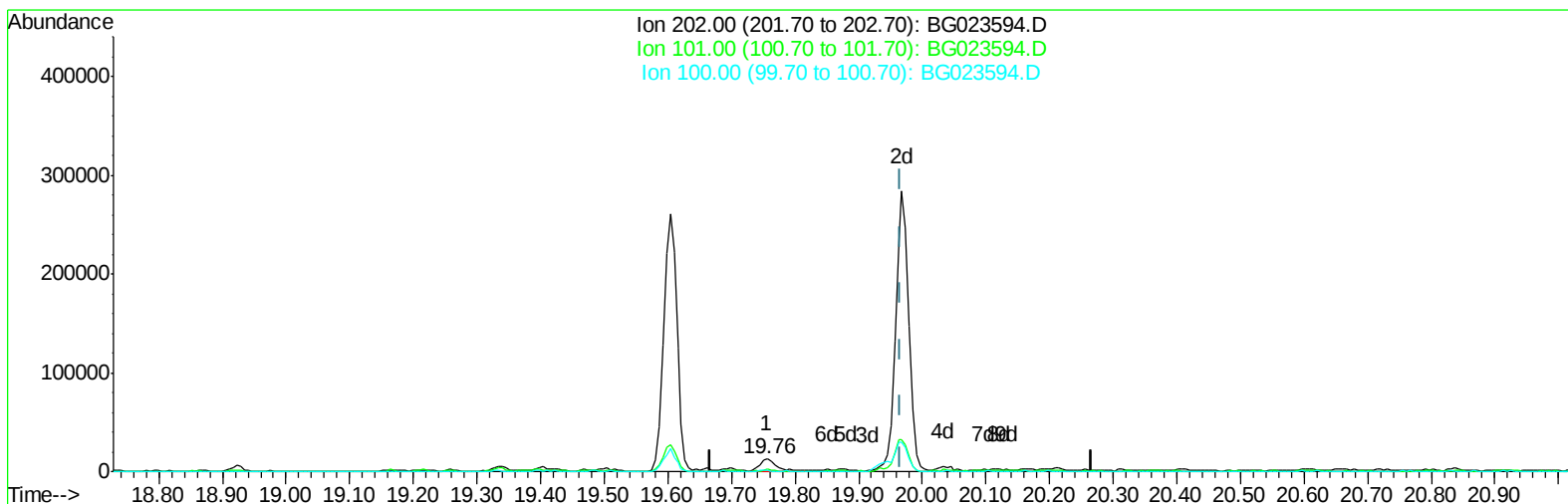
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023594.D
 Acq On : 10 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4360-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 03:58:44 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: BG023594.D

(77) Pyrene

19.757min (-0.210) 0.29ng/ul

response 21907

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	17.95
100.00	12.80	10.78
0.00	0.00	0.00

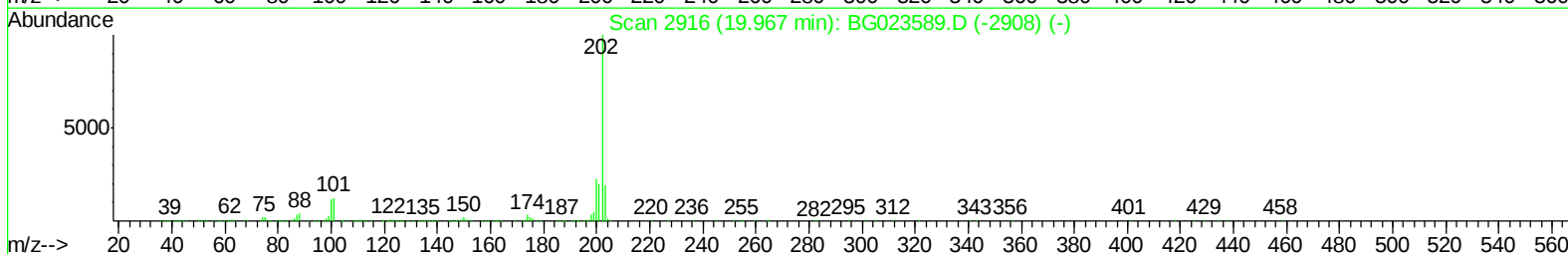
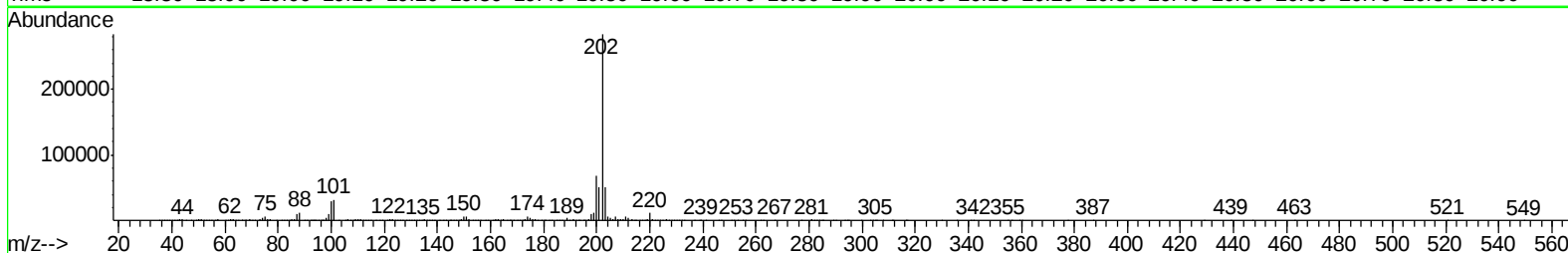
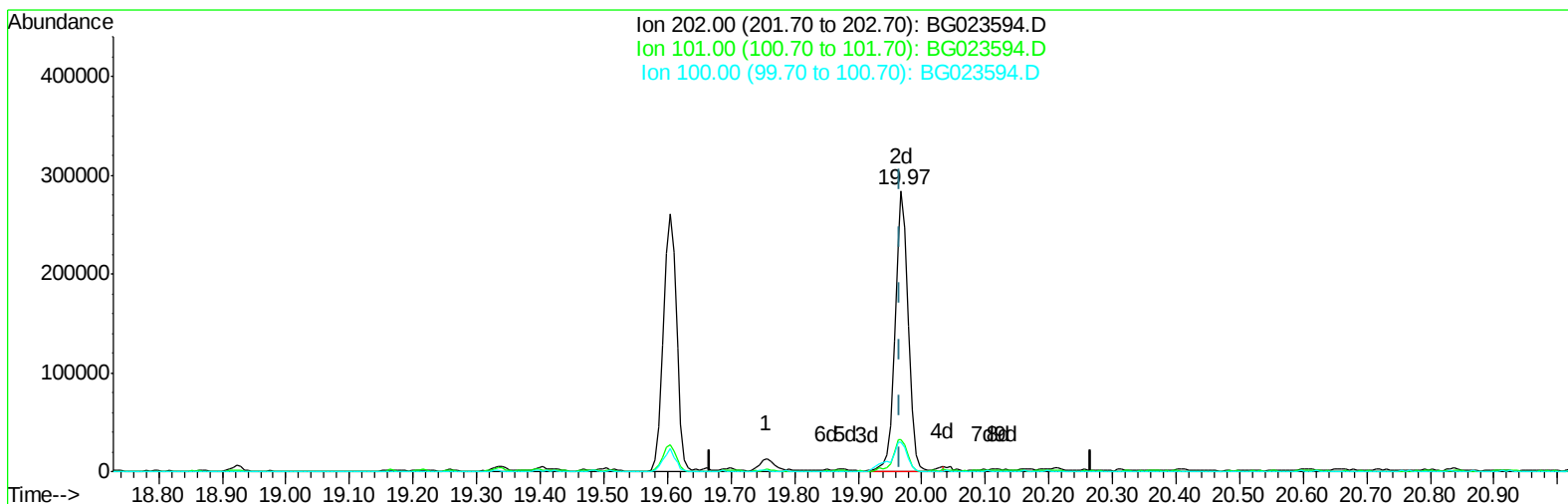
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 03:58:44 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: BG023594.D

(77) Pyrene

19.968min (+0.001) 5.68ng/ul m

response 430352

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	11.16#
100.00	12.80	10.55
0.00	0.00	0.00

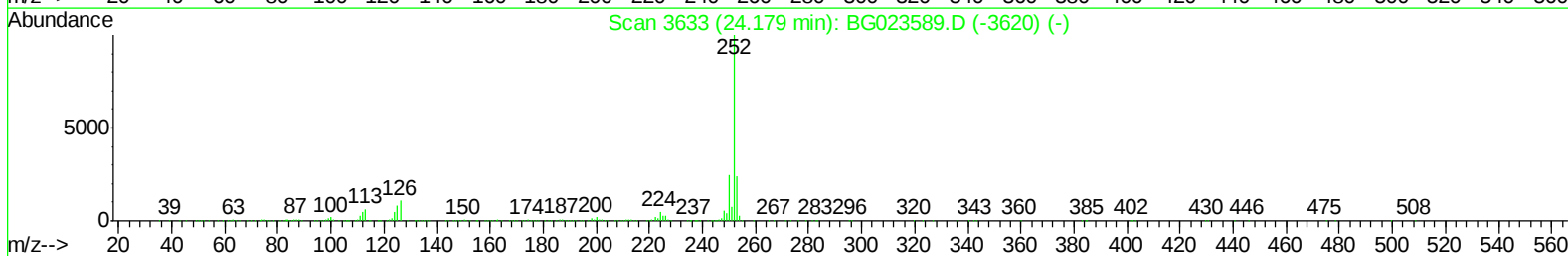
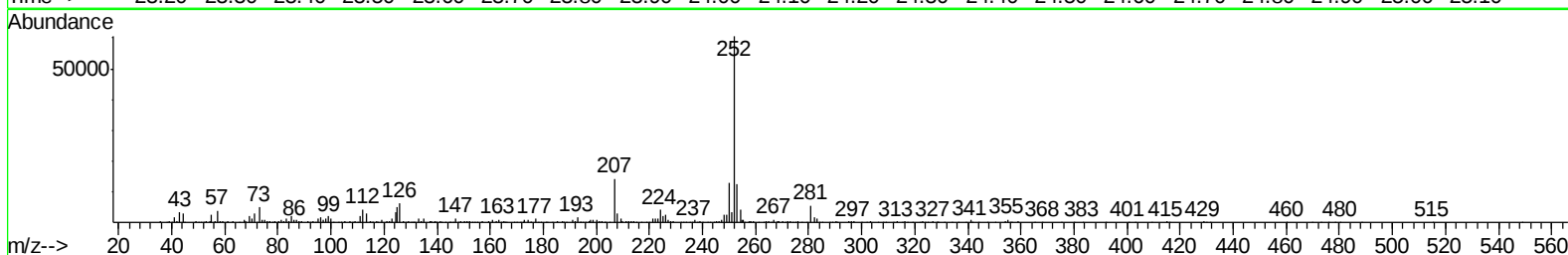
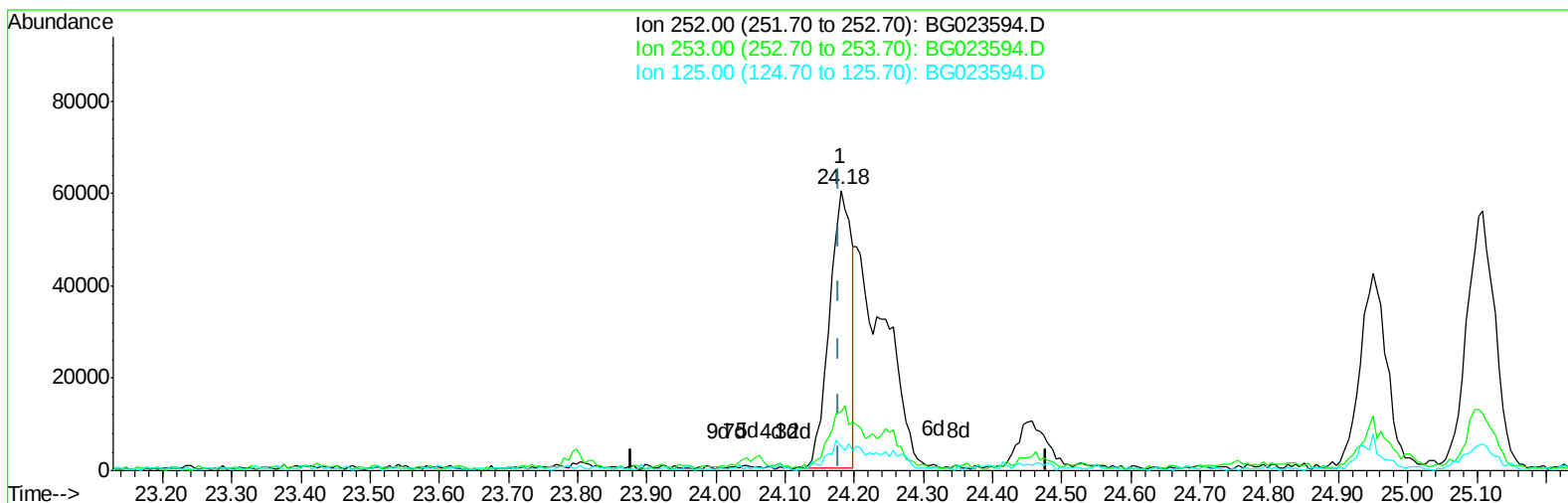
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 04:25:56 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: BG023594.D

(85) Benzo(b)fluoranthene

24.180min (+0.001) 1.94ng/ul

response 134227

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	20.91
125.00	13.50	8.49#
0.00	0.00	0.00

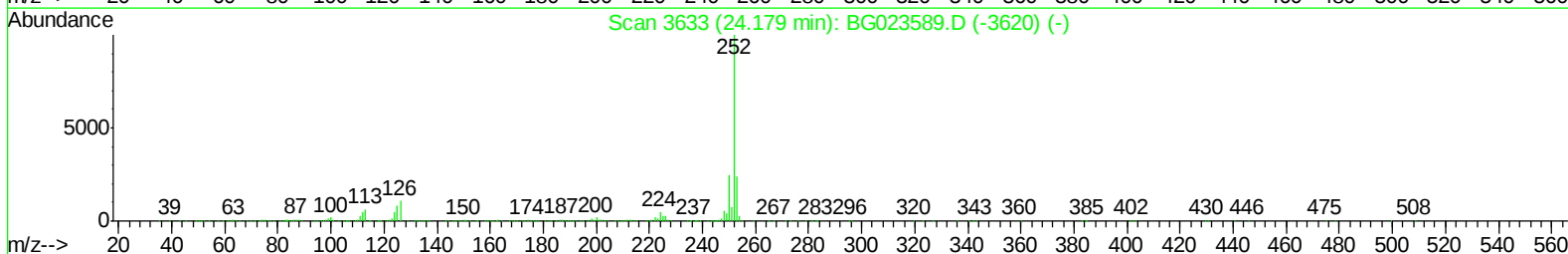
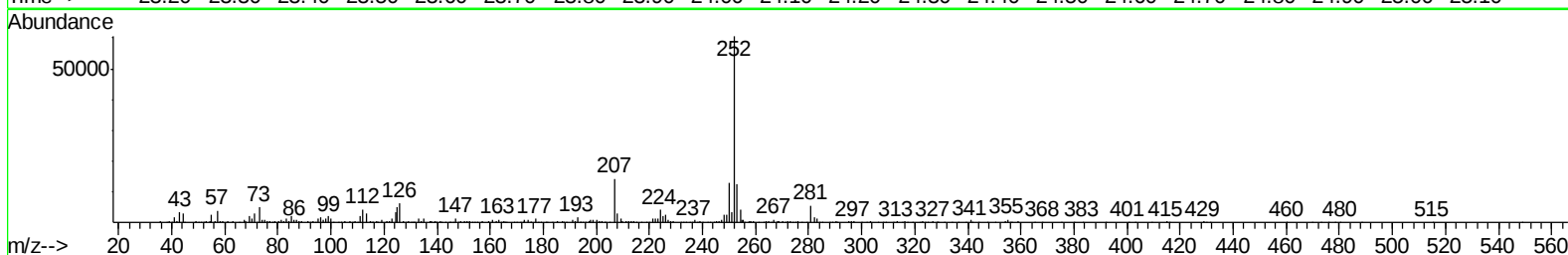
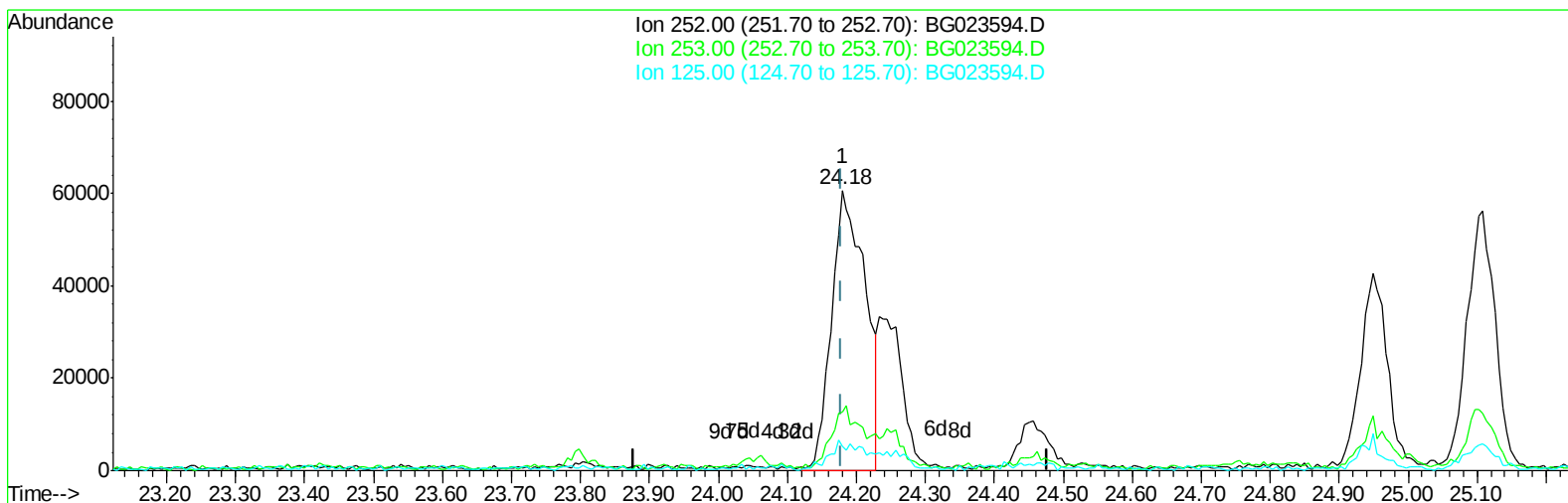
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
APPROVED

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Quant Time: Aug 11 04:25:56 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: BG023594.D

(85) Benzo(b)fluoranthene

24.180min (+0.001) 2.97ng/ul m

response 205174

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	20.91
125.00	13.50	8.49#
0.00	0.00	0.00

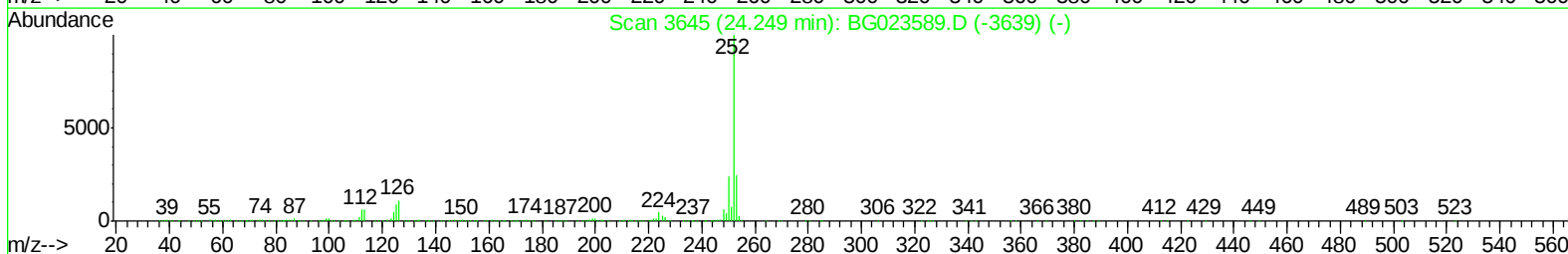
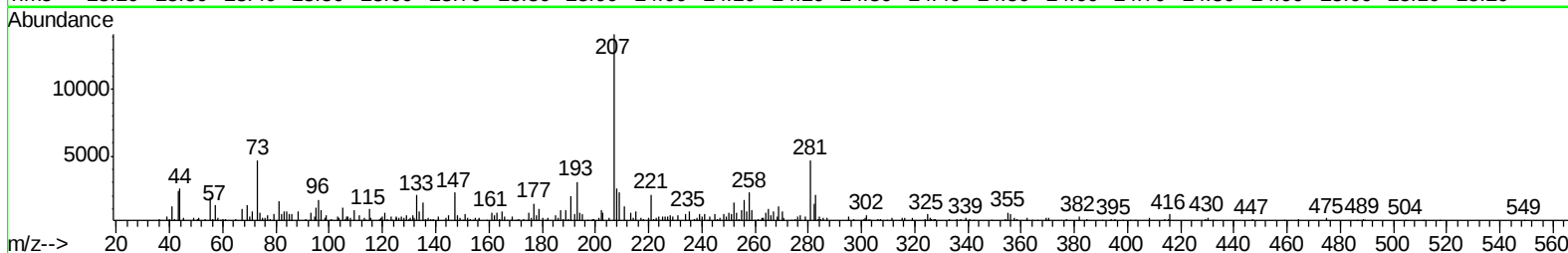
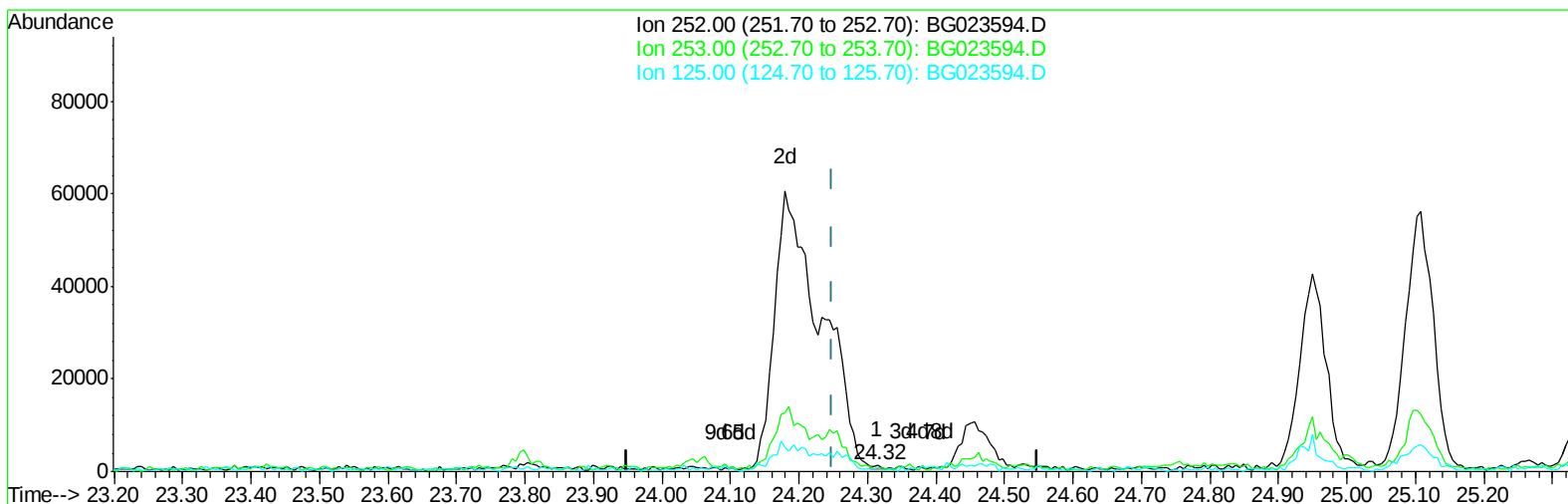
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 04:25:56 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: BG023594.D

(86) Benzo(k)fluoranthene

24.315min (+0.066) 0.01ng/ul

response 644

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	50.77#
125.00	13.30	55.83#
0.00	0.00	0.00

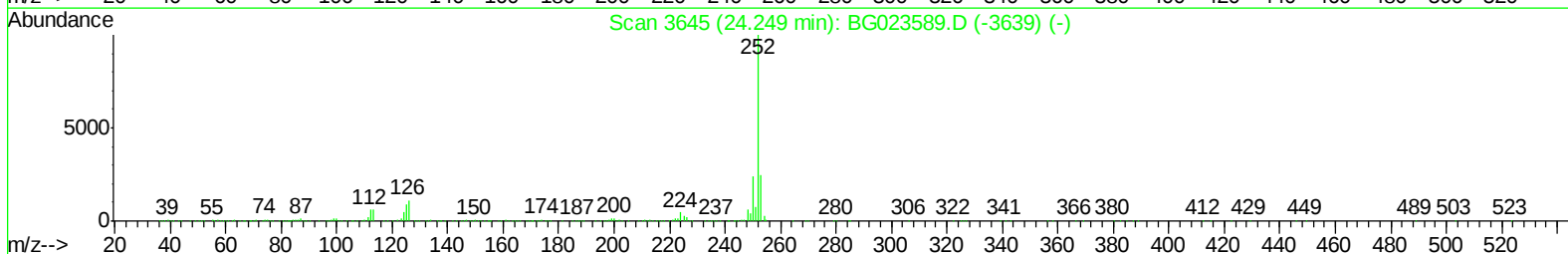
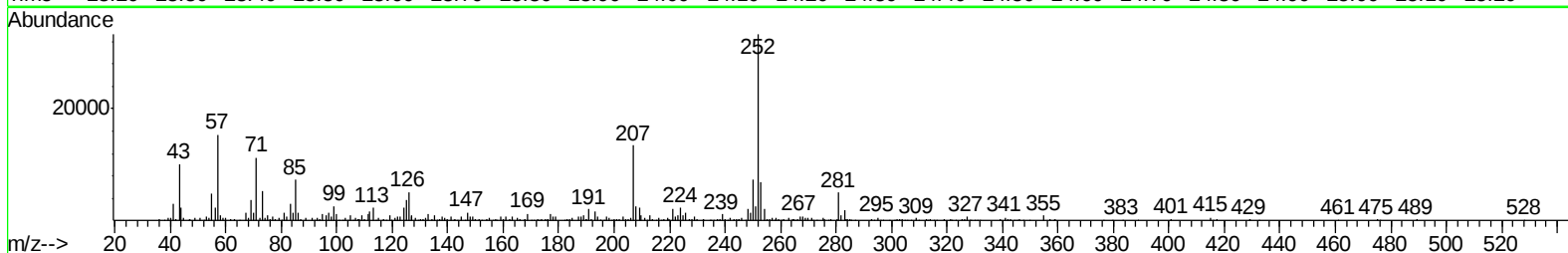
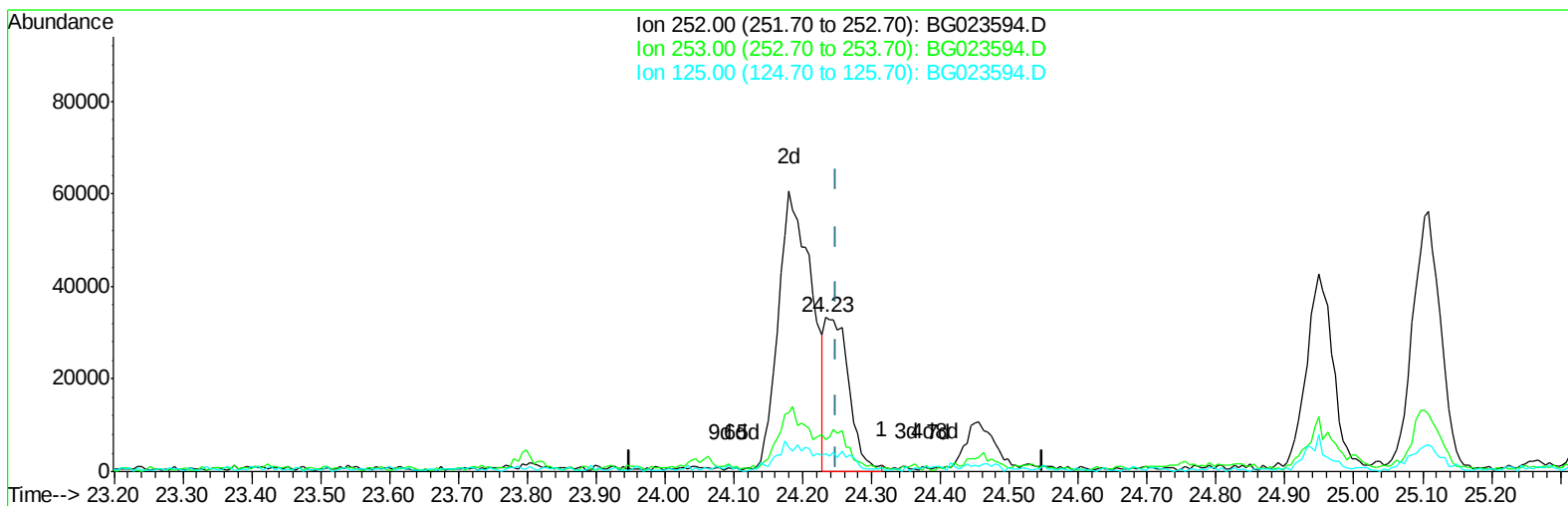
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Quant Time: Aug 11 04:25:56 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: BG023594.D

(86) Benzo(k)fluoranthene

24.233min (-0.016) 1.21ng/ul m

response 82107

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	20.78
125.00	13.30	11.58
0.00	0.00	0.00

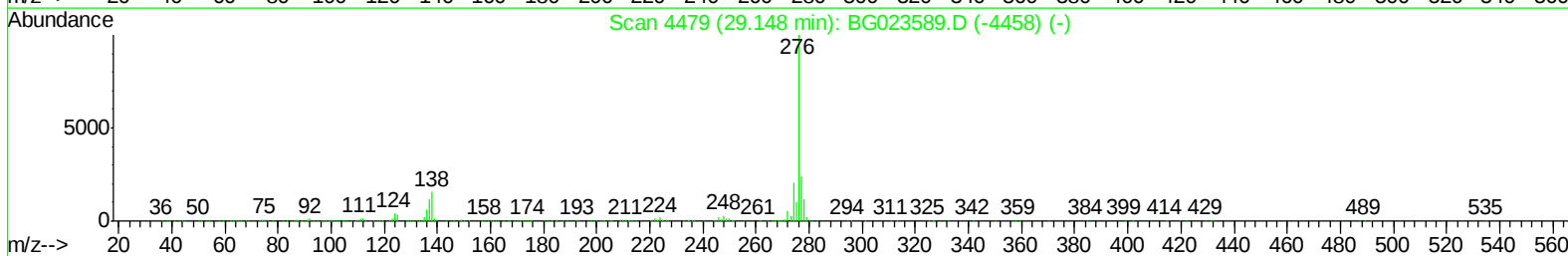
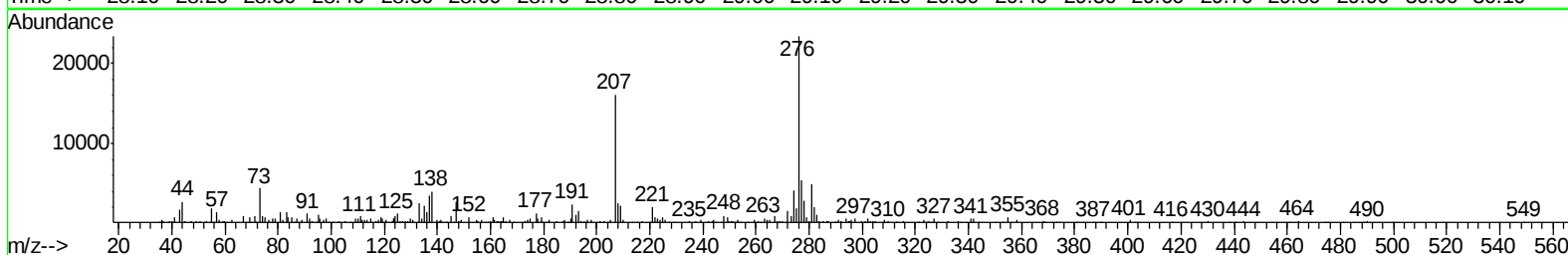
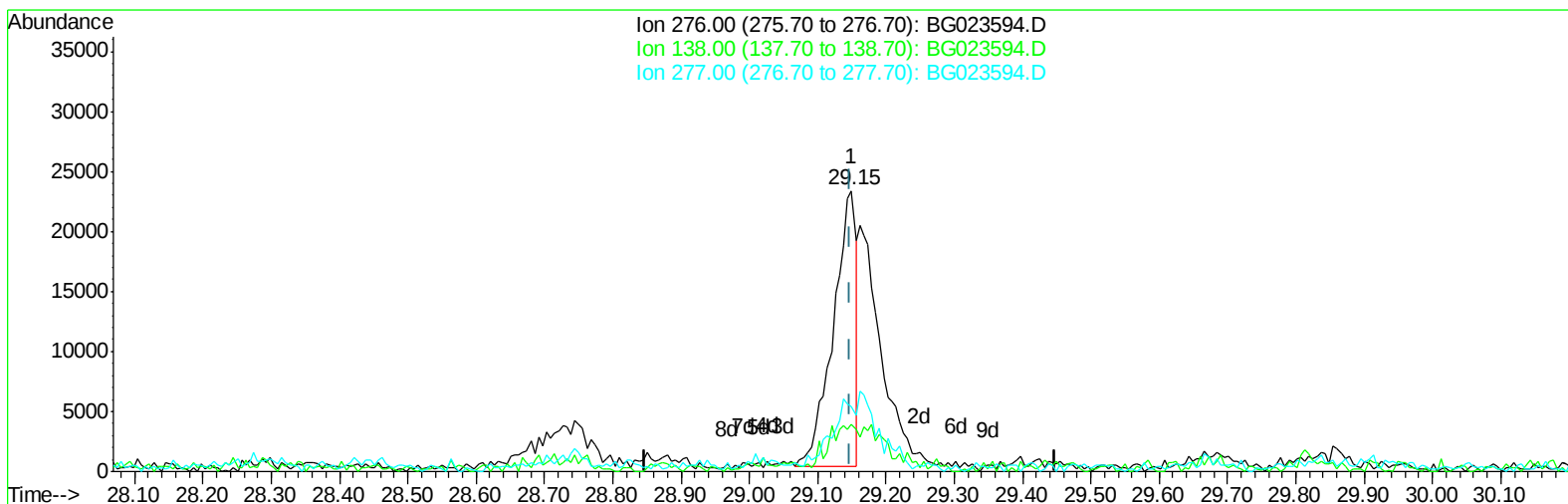
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 04:25:56 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: BG023594.D

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

29.150min (+0.001) 0.67ng/ul

response 52334

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	17.03#
277.00	22.00	23.05
0.00	0.00	0.00

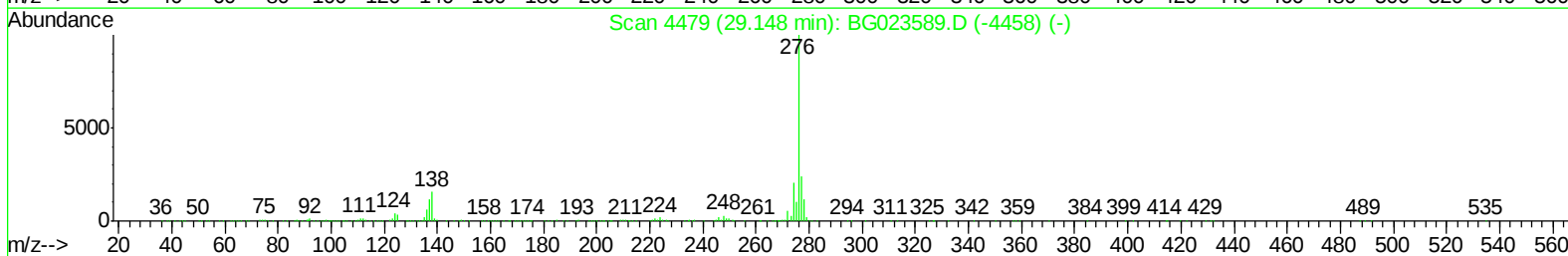
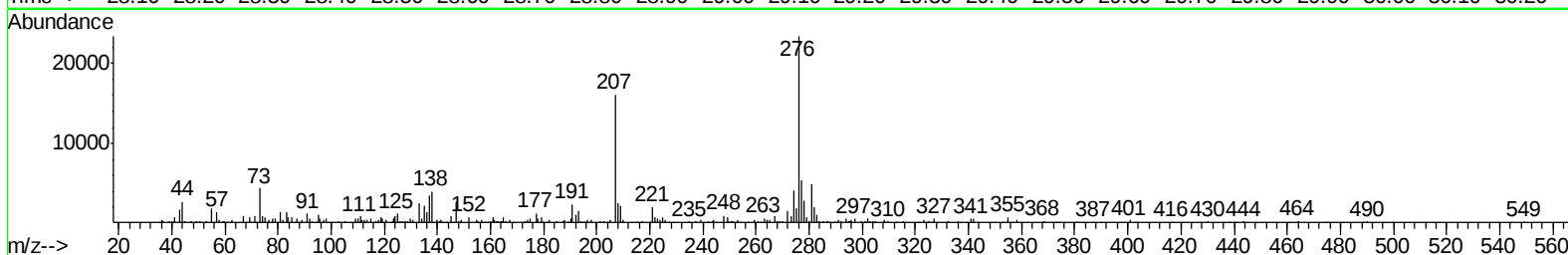
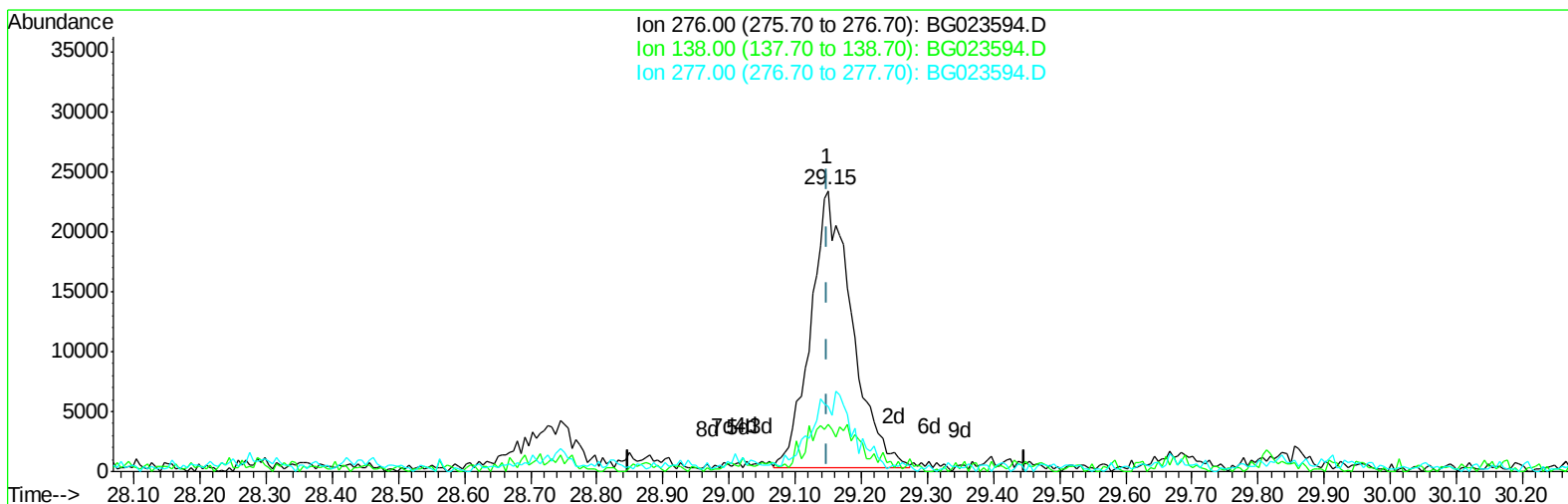
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Quant Time: Aug 11 04:25:56 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: BG023594.D

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

29.150min (+0.001) 1.28ng/ul m

response 100392

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	17.03#
277.00	22.00	23.05
0.00	0.00	0.00

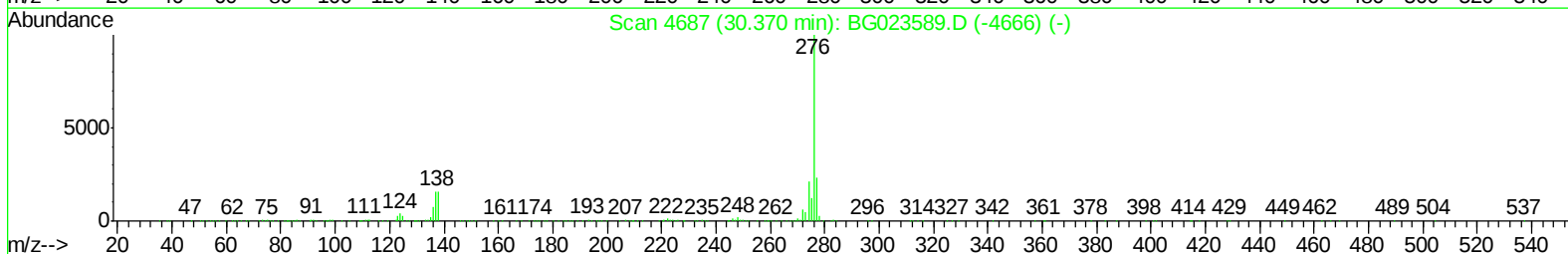
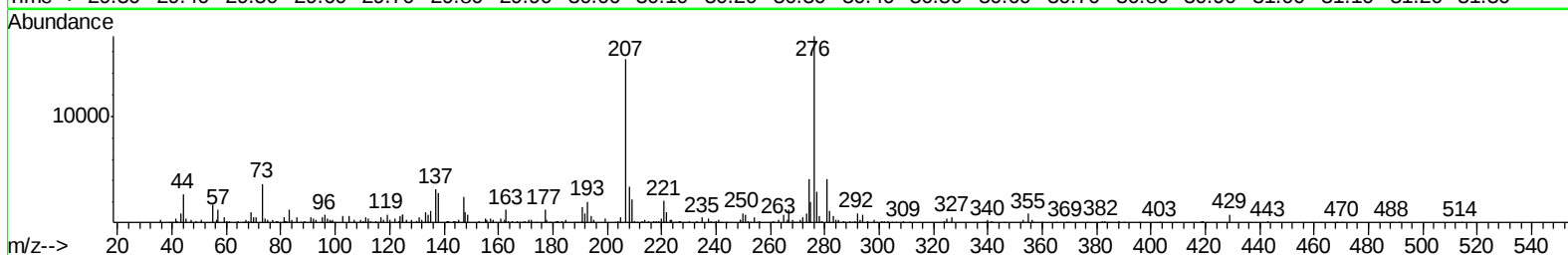
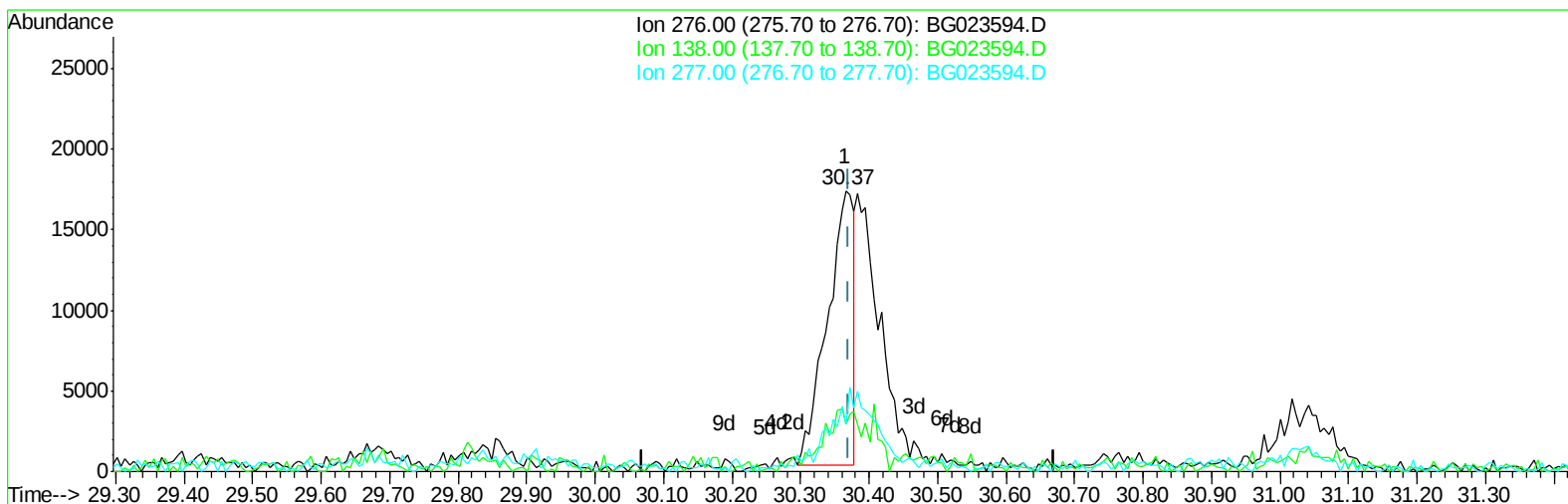
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 04:25:56 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: BG023594.D

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

30.366min (-0.005) 0.71ng/ul

response 45797

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	16.82#
277.00	21.20	17.04
0.00	0.00	0.00

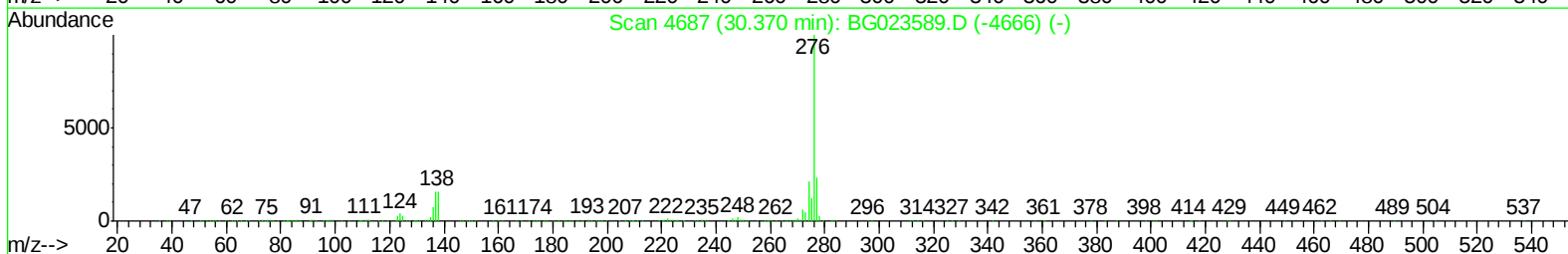
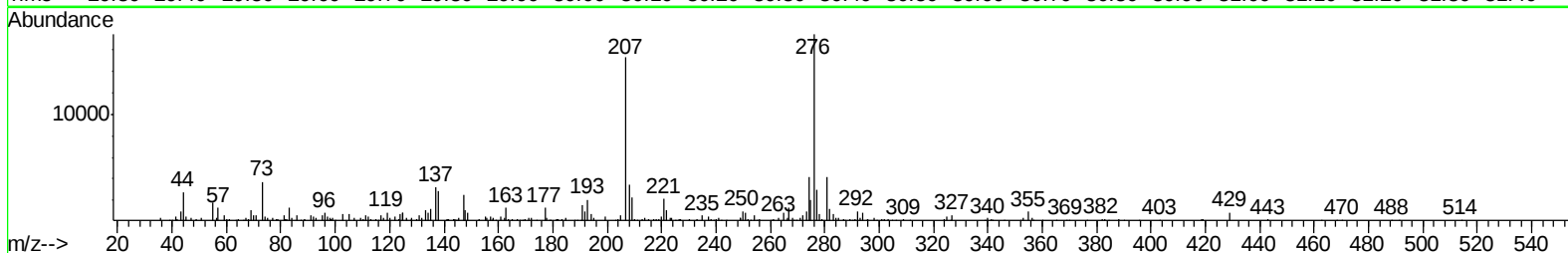
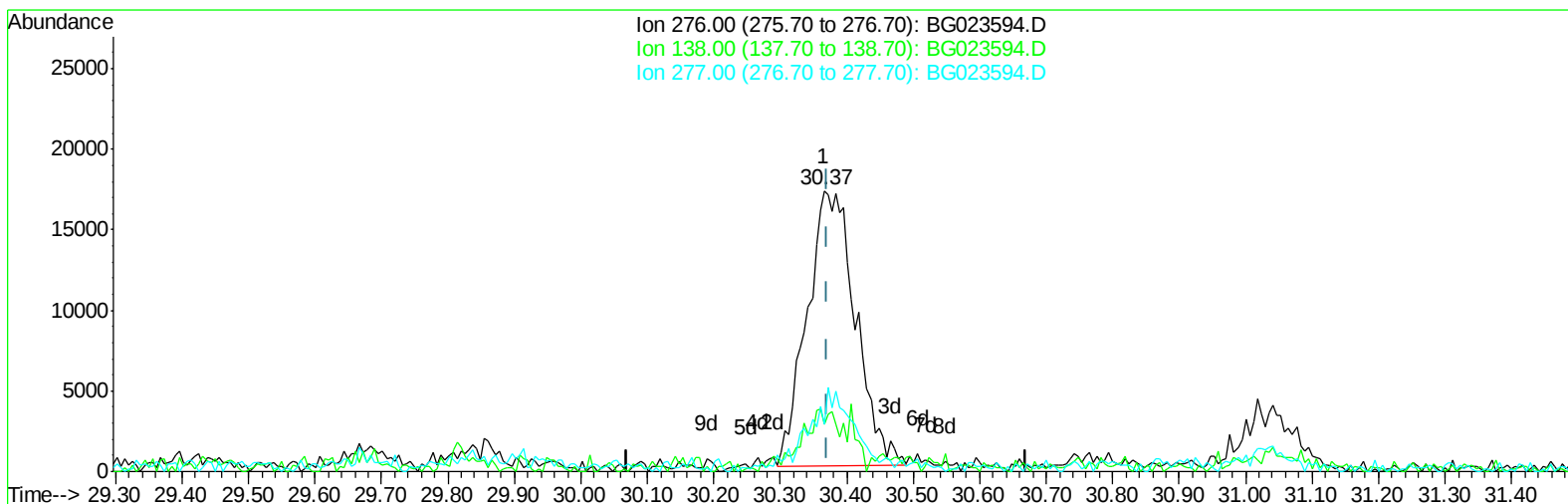
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
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Quant Time: Aug 11 04:25:56 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: BG023594.D

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

30.366min (-0.005) 1.34ng/ul m

response 86713

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	16.82#
277.00	21.20	17.04
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023594.D
 Acq On : 10 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4360-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-0002-01

Manual Integrations
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 8/11/2016 6:12:42 PM

Quant Time: Aug 11 04:28:40 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	157034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	717891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	502160	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1216382	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1225341	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1213625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3585	0.97	ng/uL	0.00
5) Phenol-d5	7.27	99	169708	10.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	127435	12.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	129849	12.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	108433	8.78	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	65377	11.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	77077	11.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	138796	11.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	88182	6.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	510641	12.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	592497	12.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	63056m	8.98	ng/ul	0.02
57) Fluorene-d10	15.78	176	483391	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	71304	9.14	ng/ul	0.00
70) Anthracene-d10	17.65	188	718510	13.11	ng/ul	0.00
76) Pyrene-d10	19.94	212	800506	12.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	708023	12.89	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	380762	9.35	ng/ul	98
69) Phenanthrene	17.59	178	195558	3.10	ng/ul	98
74) Fluoranthene	19.60	202	378158	5.86	ng/ul#	94
77) Pyrene	19.97	202	430352m	5.68	ng/ul	
80) Benzo(a)anthracene	21.85	228	177014	2.57	ng/ul	96
82) Chrysene	21.92	228	201336	3.21	ng/ul	99
85) Benzo(b)fluoranthene	24.18	252	205174m	2.97	ng/ul	
86) Benzo(k)fluoranthene	24.23	252	82107m	1.21	ng/ul	
88) Benzo(a)pyrene	25.11	252	156291	2.34	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.15	276	100392m	1.28	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	86713m	1.34	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Manual Integrations
APPROVED

sohil
8/11/2016 6:12:42 PM

Quant Time: Aug 11 04:28:40 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

