

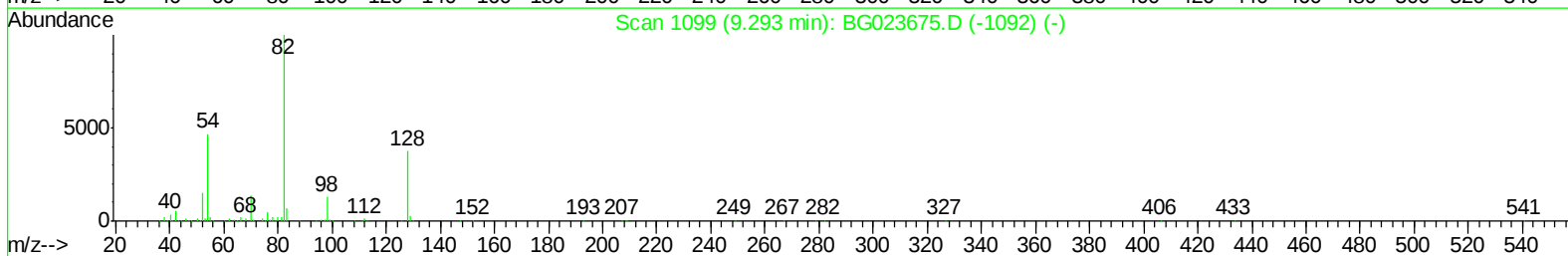
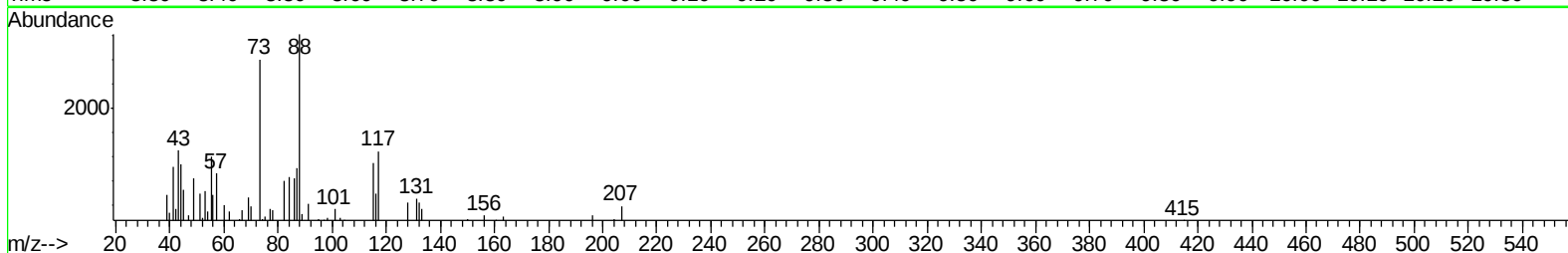
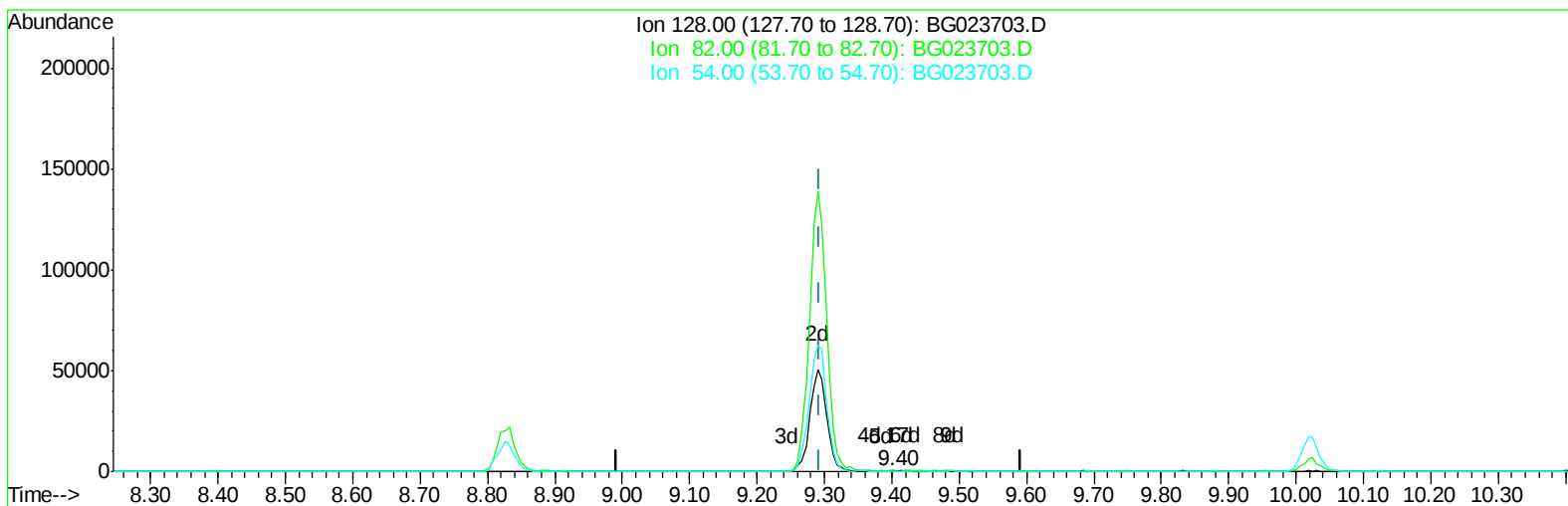
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(19) Nitrobenzene-d5 (S)

9.402min (+0.109) 0.04ng/ul

response 158

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	180.76
54.00	78.50	67.56
0.00	0.00	0.00

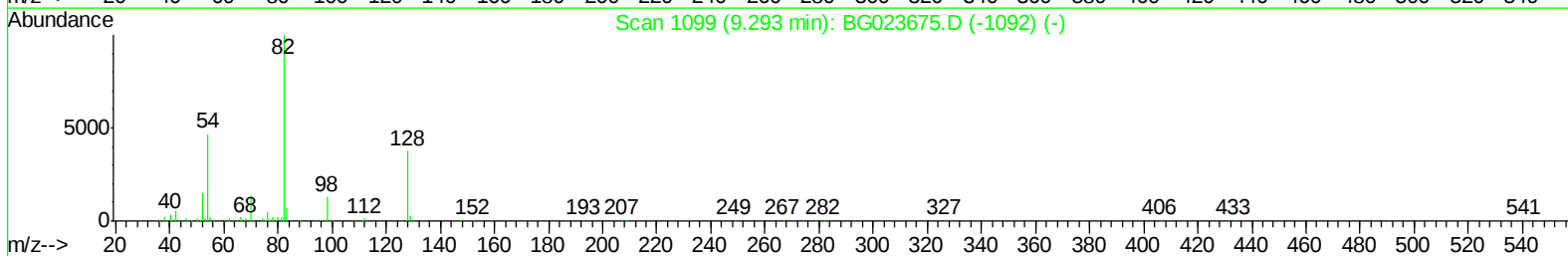
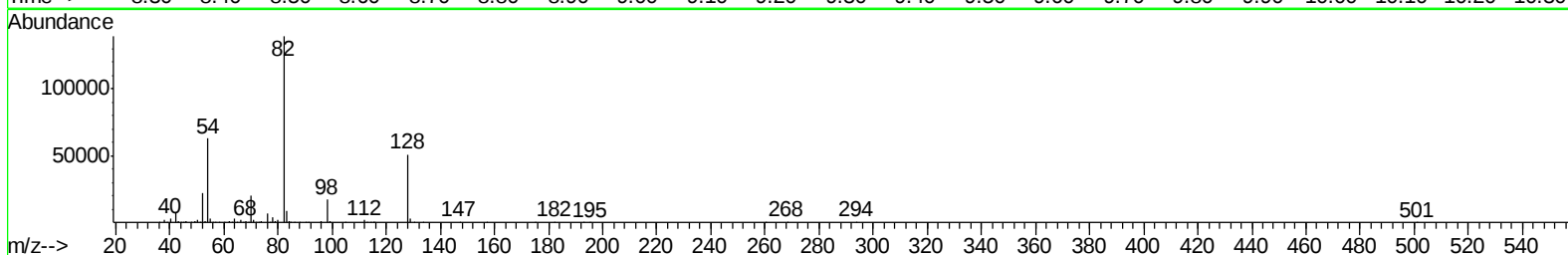
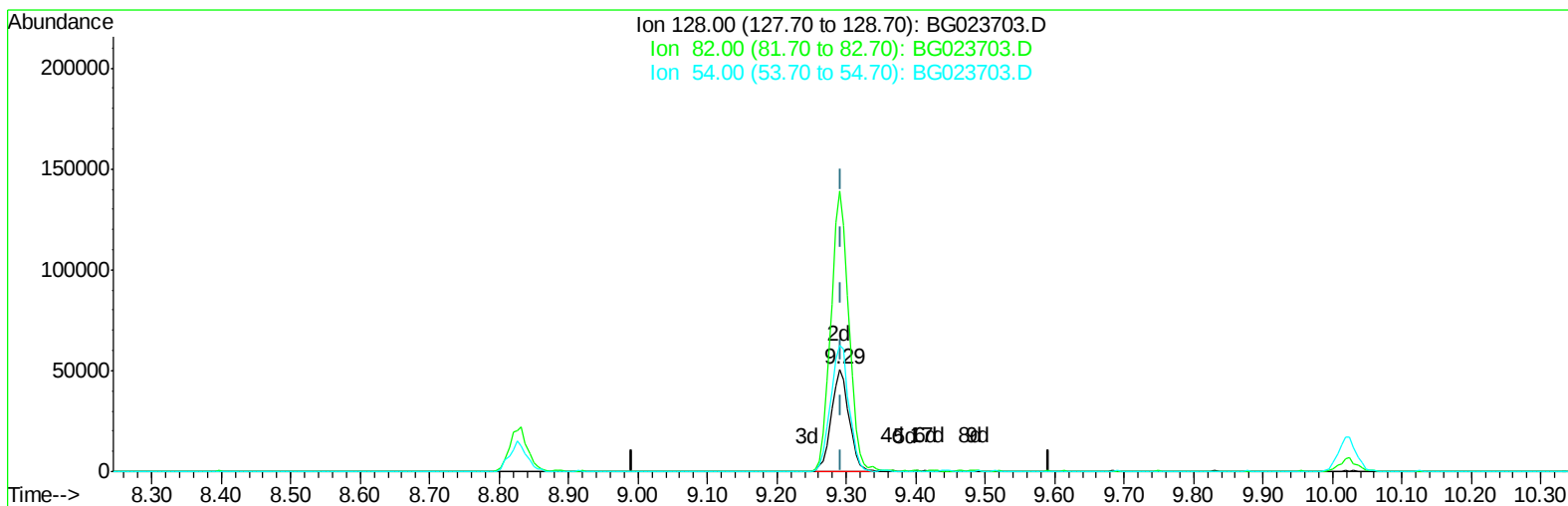
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023703.D
 Acq On : 14 Aug 2016 00:47
 Operator : UM/SJ
 Sample : H4385-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-0002-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration



TIC: BG023703.D

(19) Nitrobenzene-d5 (S)

9.290min (-0.002) 21.38ng/ul m

response 89910

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	273.46#
54.00	78.50	123.49#
0.00	0.00	0.00

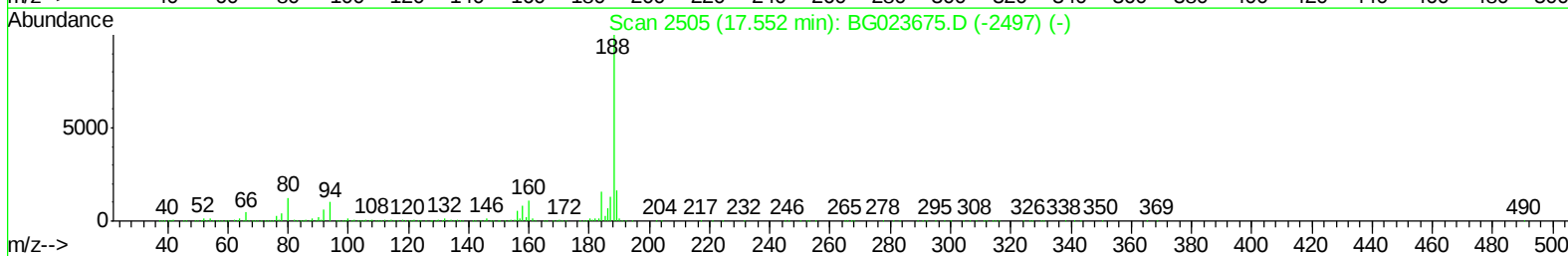
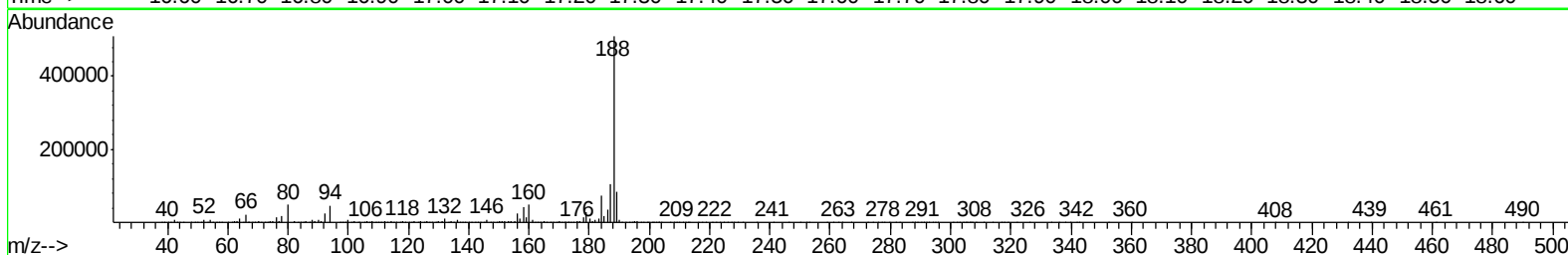
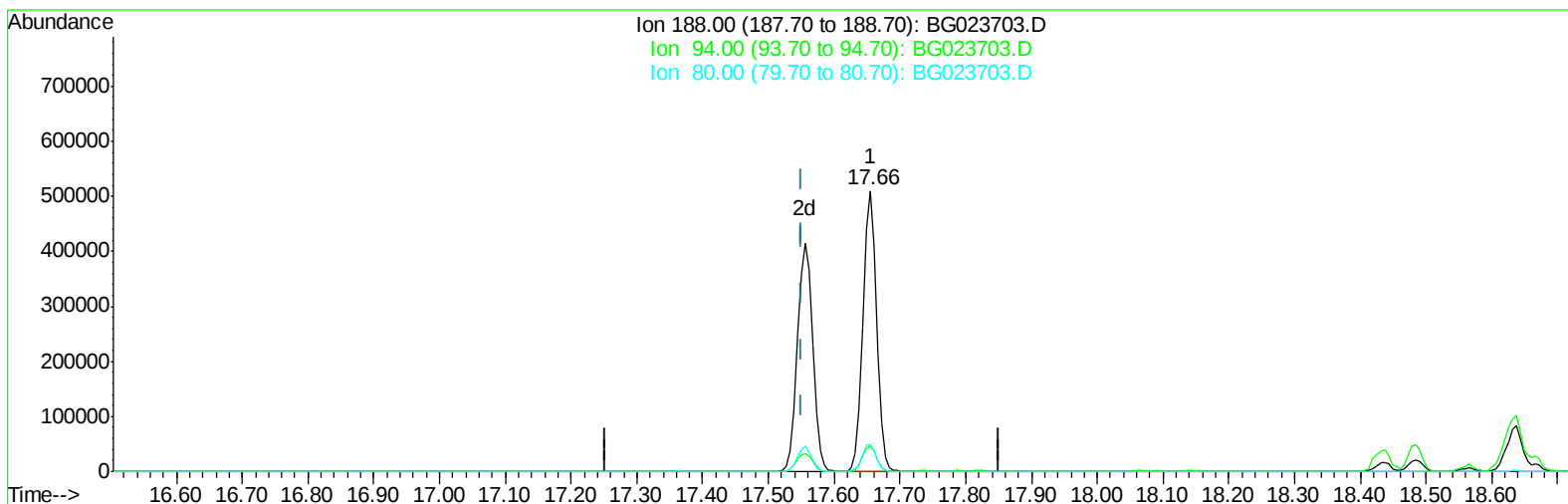
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(61) Phenanthrene-d10 (I)

17.655min (+0.103) 20.00ng/ul

response 743196

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.28
80.00	10.90	9.45
0.00	0.00	0.00

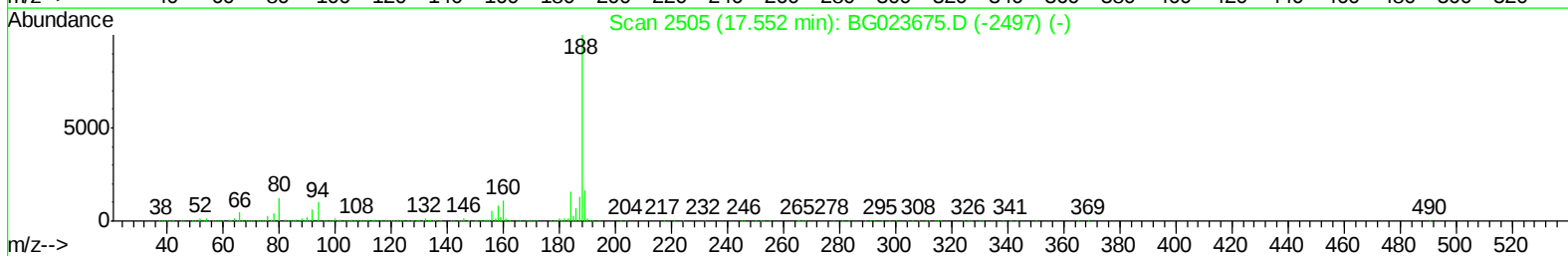
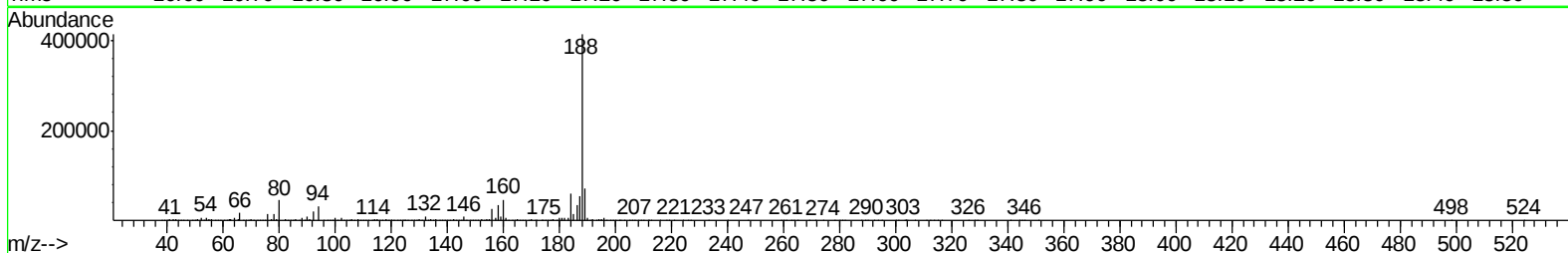
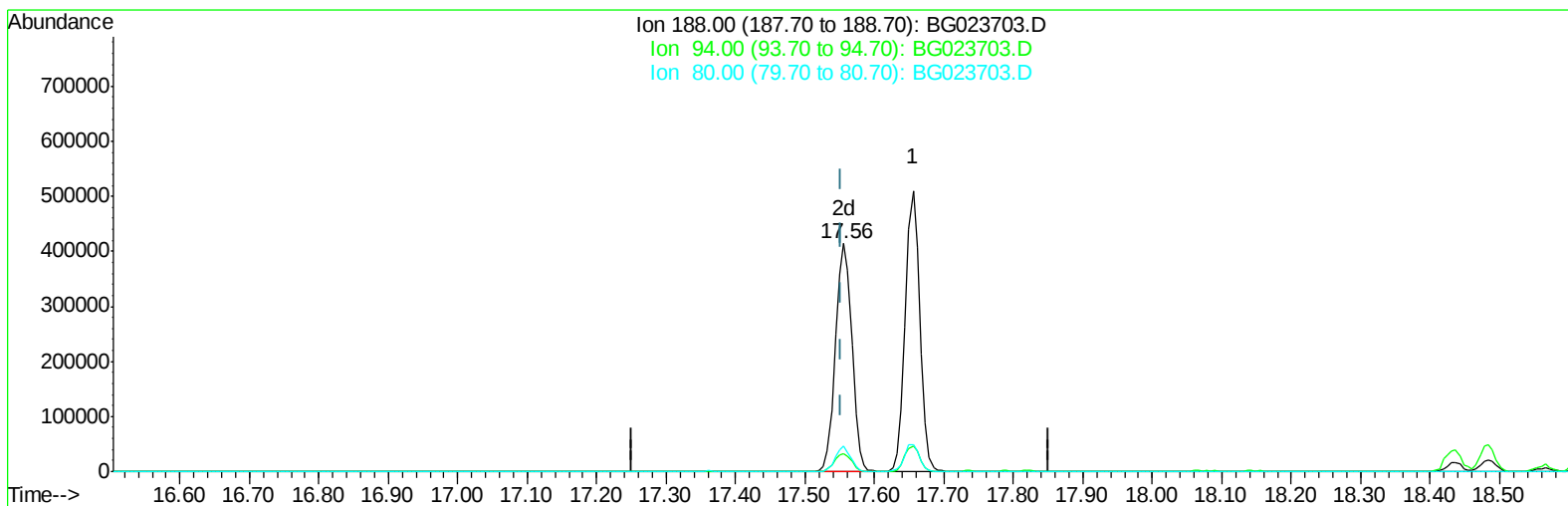
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(61) Phenanthrene-d10 (I)

17.555min (+0.003) 20.00ng/ul m

response 681625

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.72#
80.00	10.90	10.95
0.00	0.00	0.00

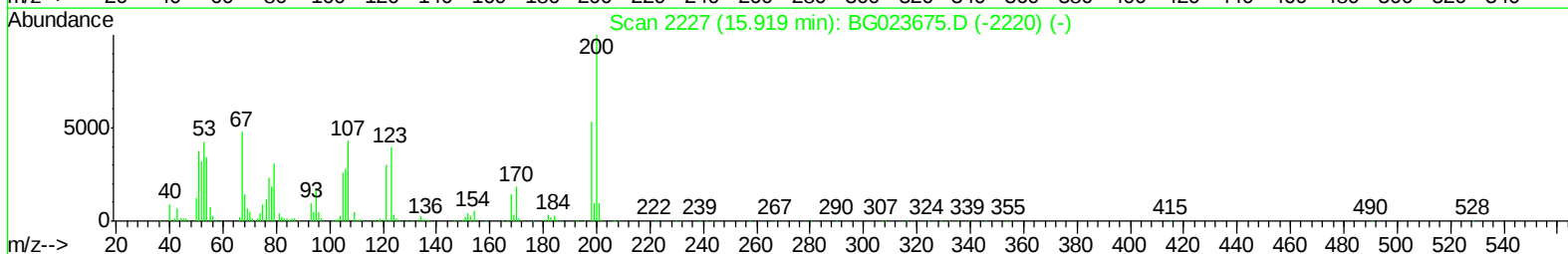
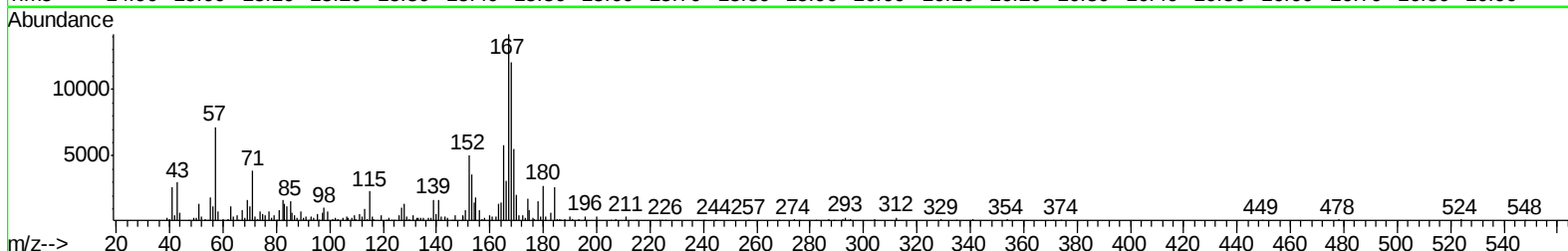
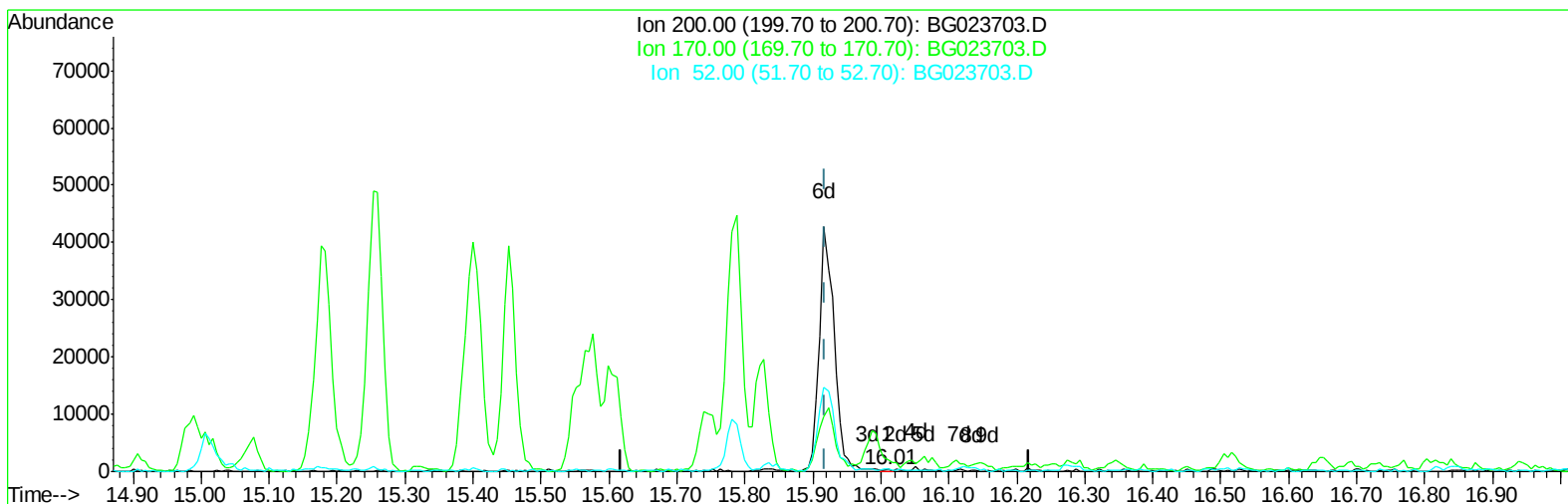
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.011min (+0.092) 0.06ng/ul

response 246

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	533.50#
52.00	32.20	102.54#
0.00	0.00	0.00

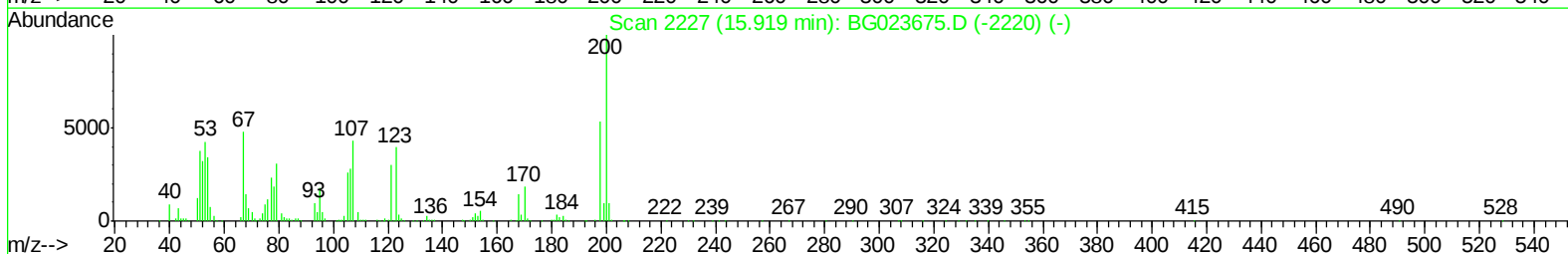
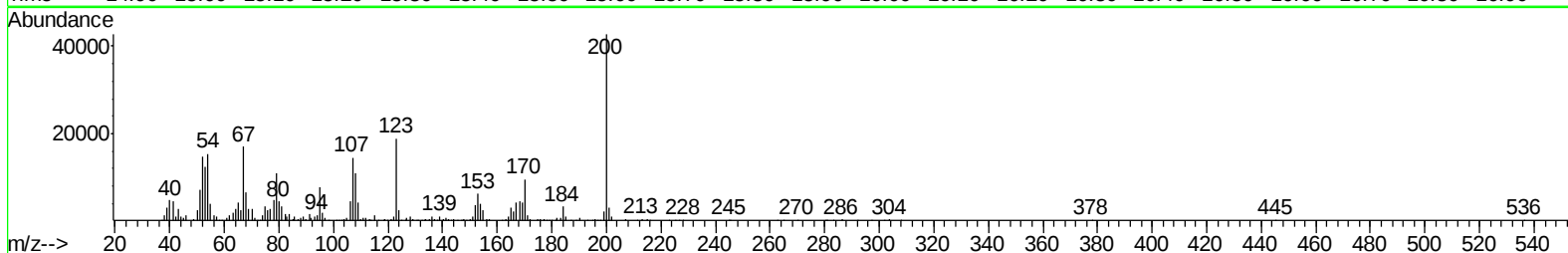
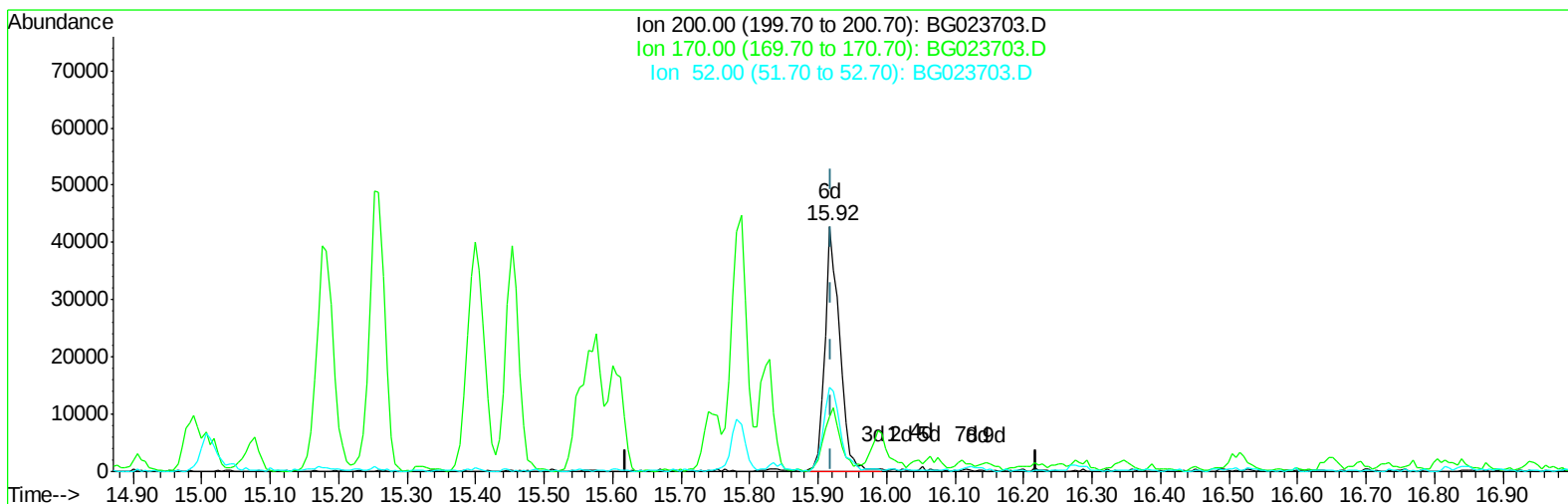
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.917min (-0.002) 14.82ng/ul m

response 64803

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	22.31#
52.00	32.20	34.36
0.00	0.00	0.00

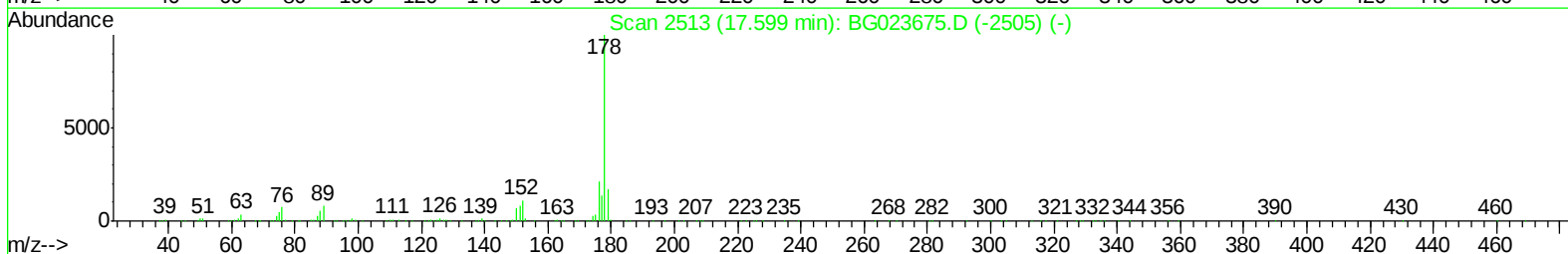
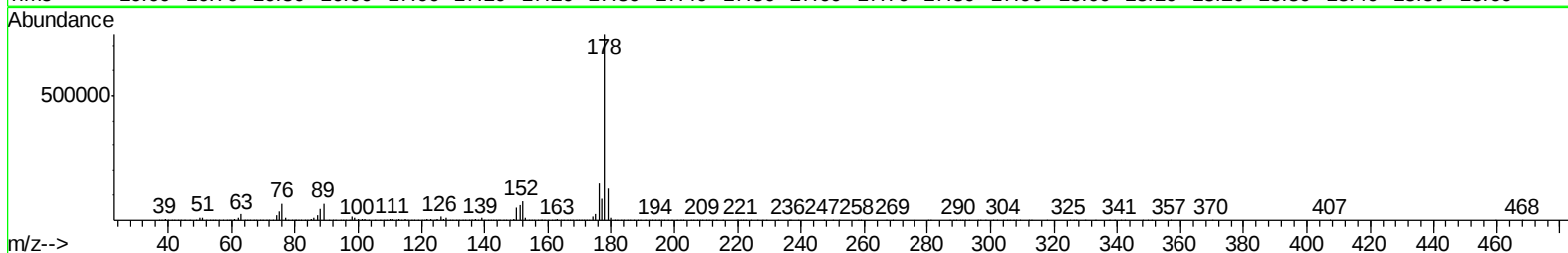
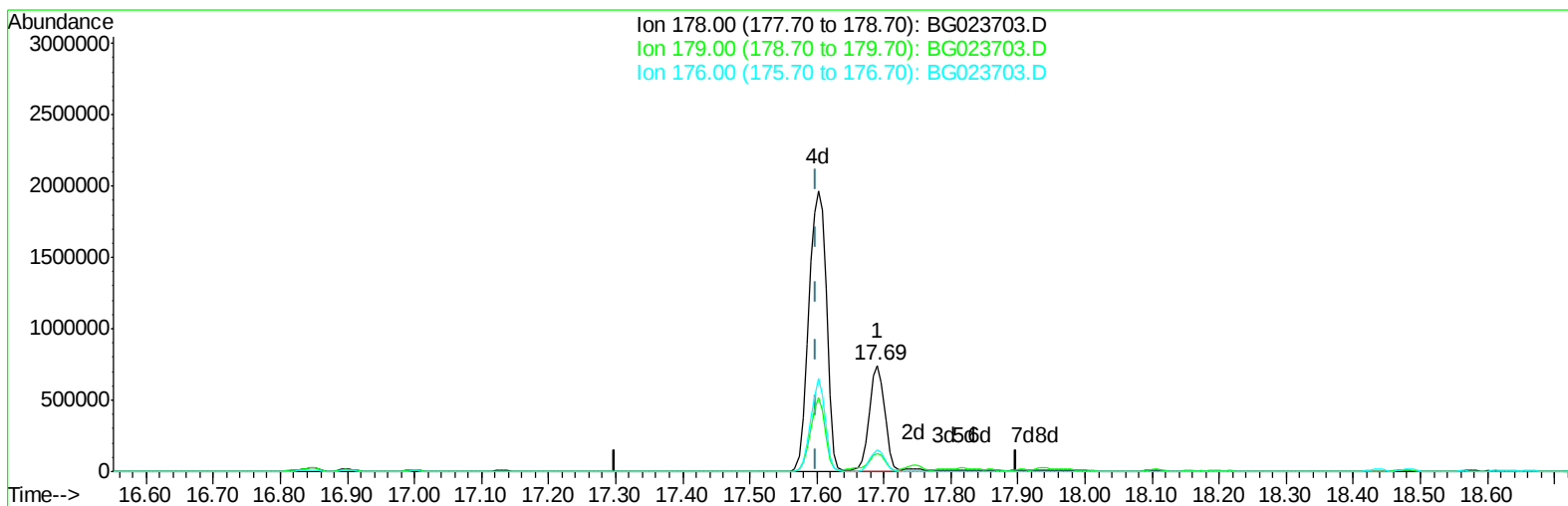
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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umangi
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(69) Phenanthrene

17.691min (+0.092) 32.84ng/ul

response 1159218

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.02
176.00	19.80	19.95
0.00	0.00	0.00

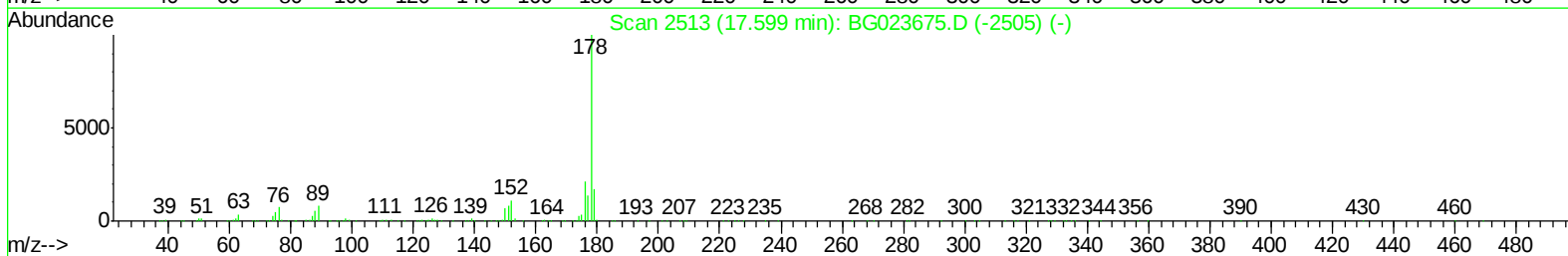
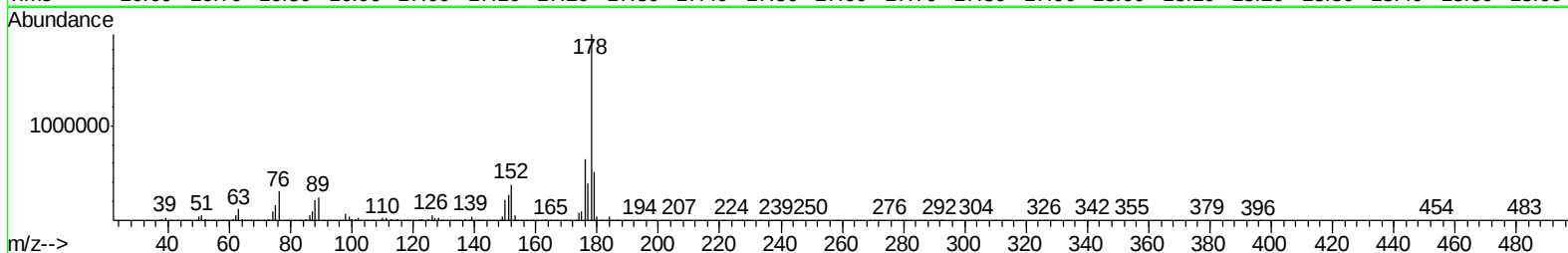
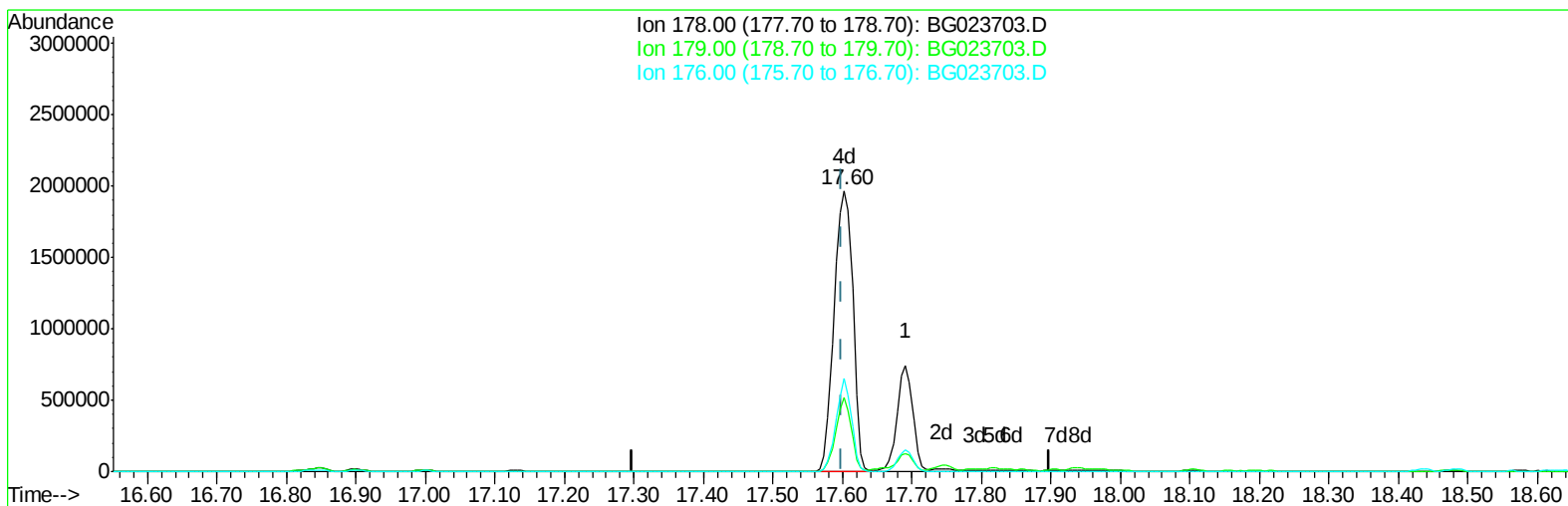
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(69) Phenanthrene

17.602min (+0.003) 104.58ng/ul m

response 3691603

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	26.38#
176.00	19.80	33.13#
0.00	0.00	0.00

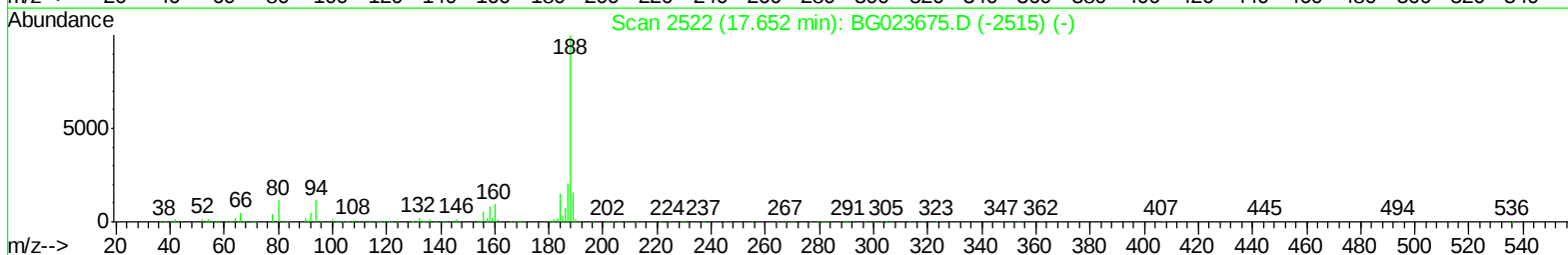
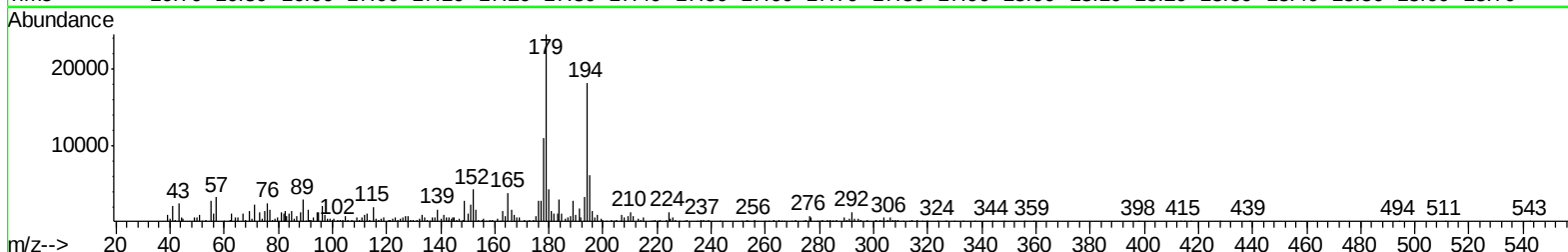
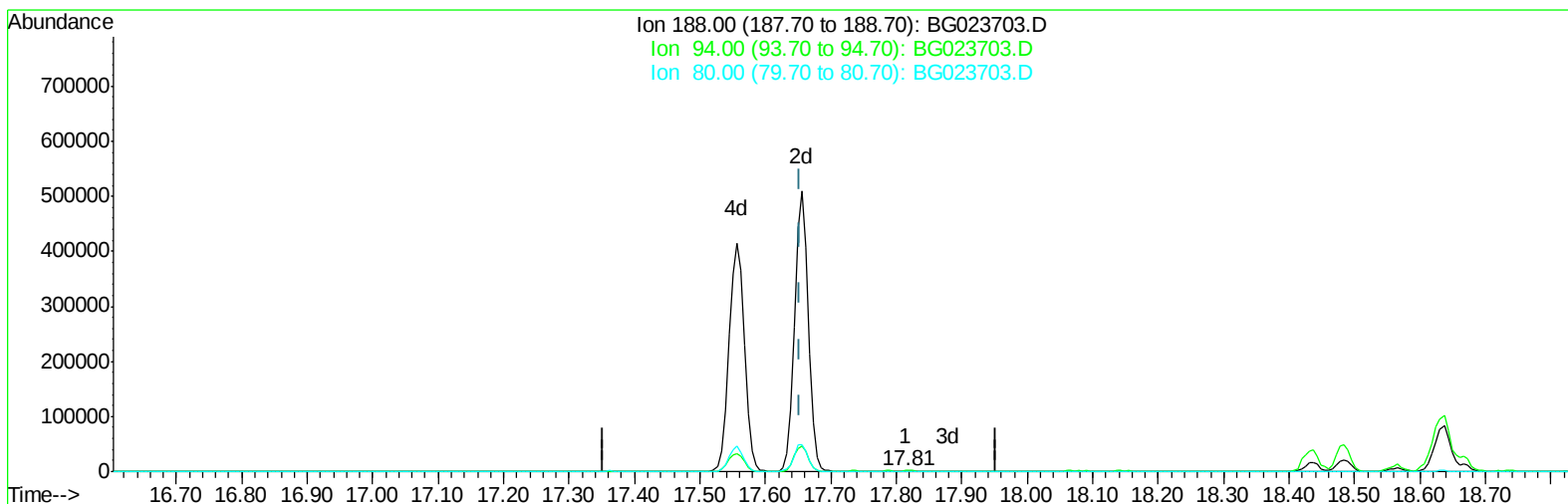
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(70) Anthracene-d10 (S)

17.814min (+0.162) 0.03ng/ul

response 949

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	147.11#
80.00	11.90	73.39#
0.00	0.00	0.00

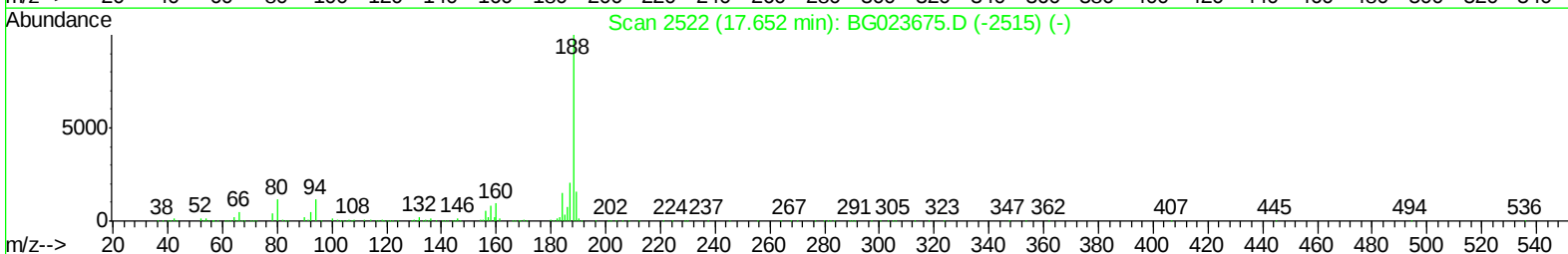
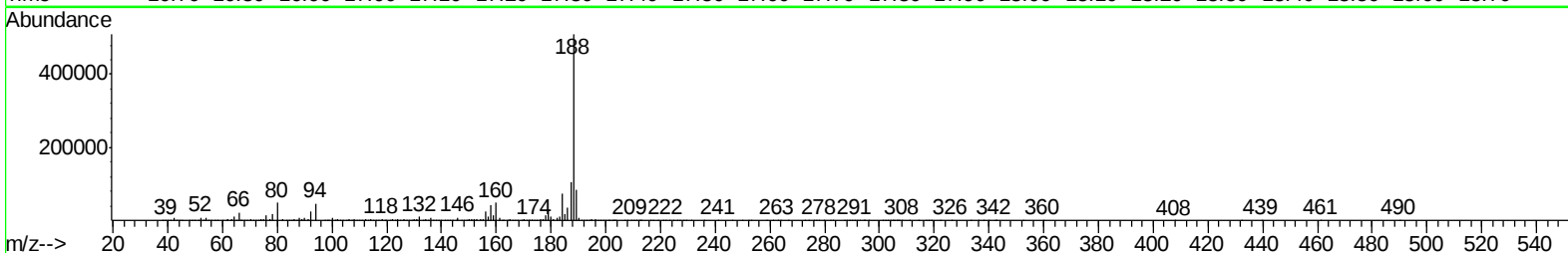
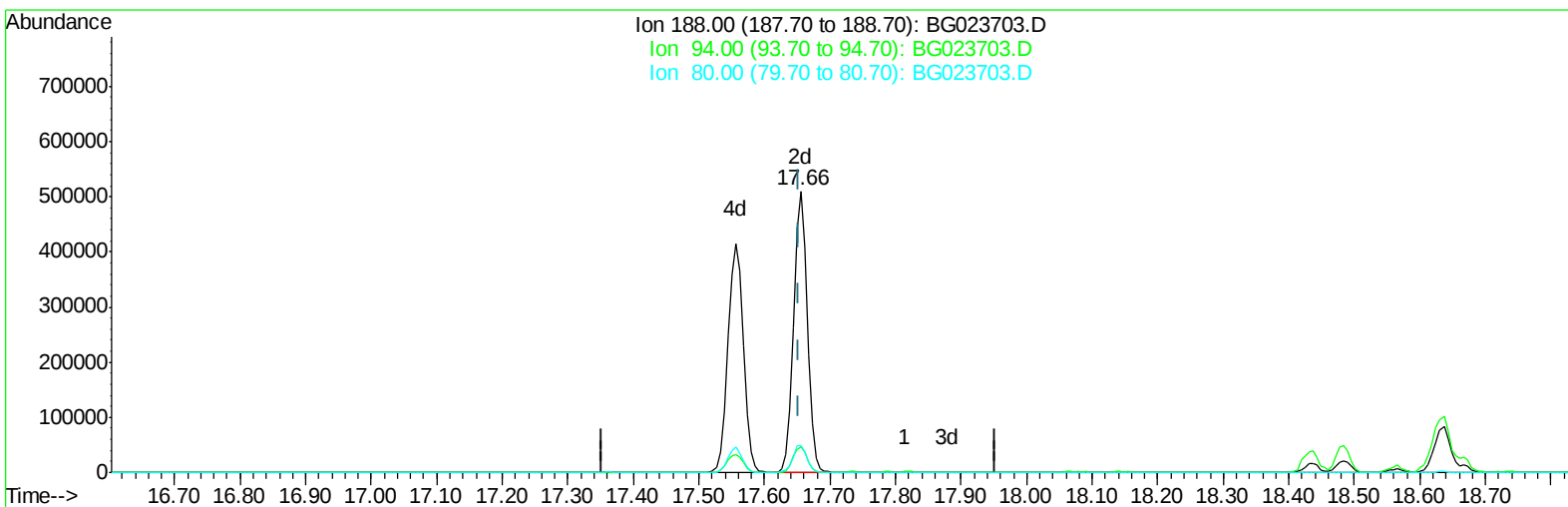
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(70) Anthracene-d10 (S)

17.655min (+0.003) 24.22ng/ul m

response 743893

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.28#
80.00	11.90	9.45#
0.00	0.00	0.00

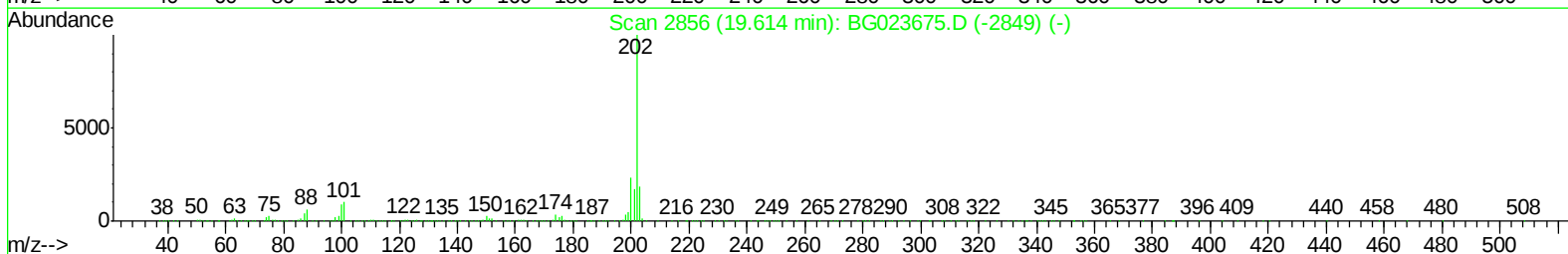
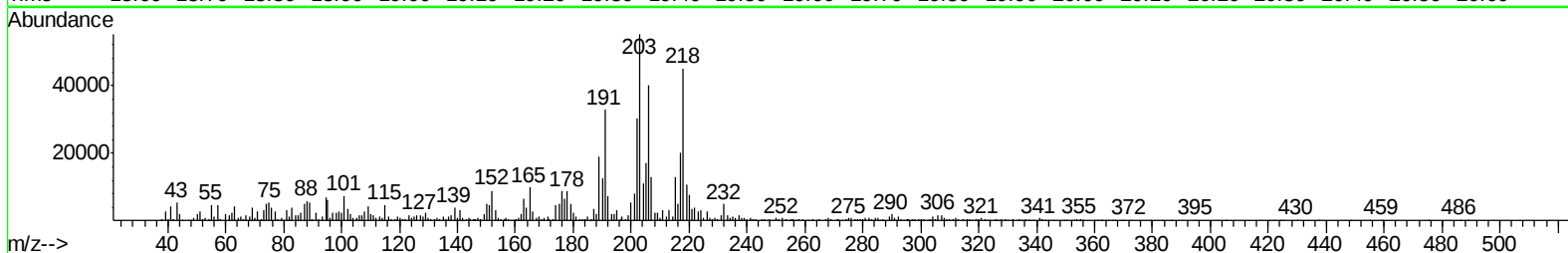
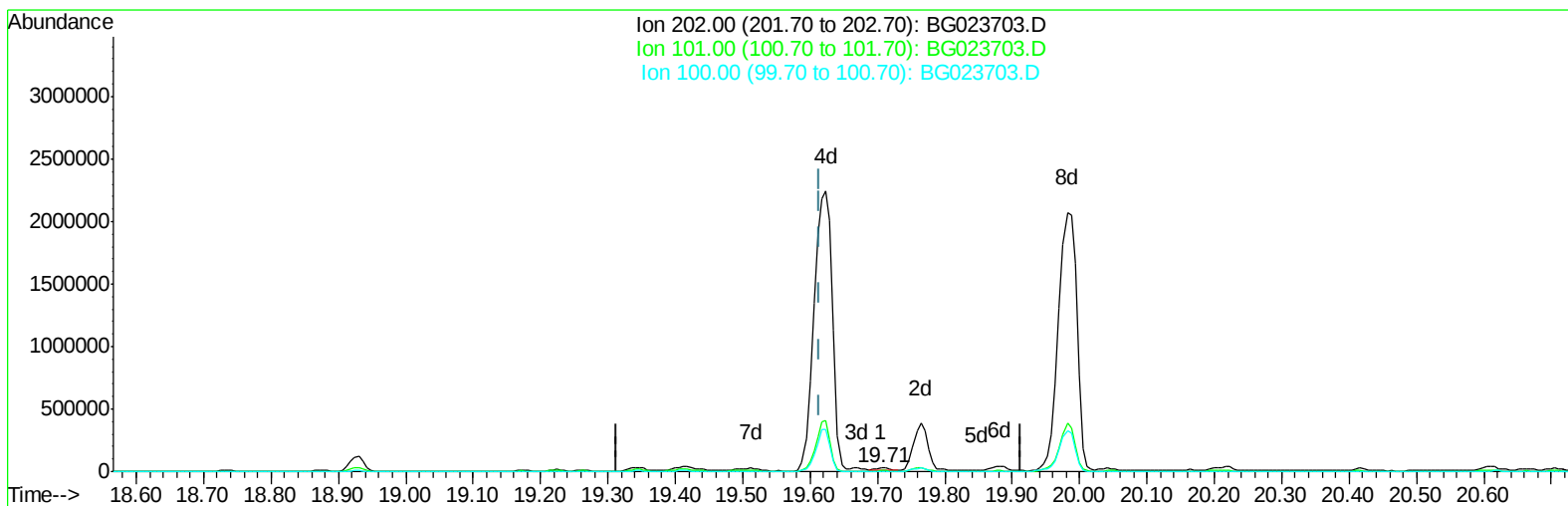
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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Quant Time: Aug 15 11:07:12 2016
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Response via : Initial Calibration



TIC: BG023703.D

(74) Fluoranthene (C)

19.706min (+0.092) 0.85ng/ul

response 30584

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	24.74#
100.00	10.90	8.15#
0.00	0.00	0.00

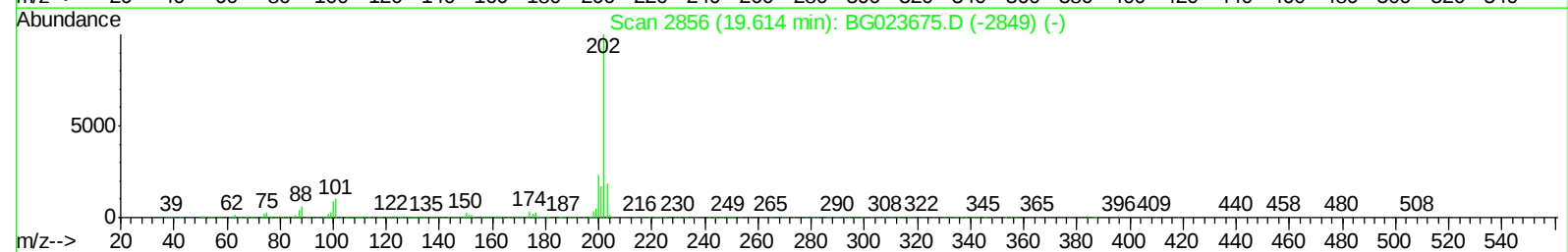
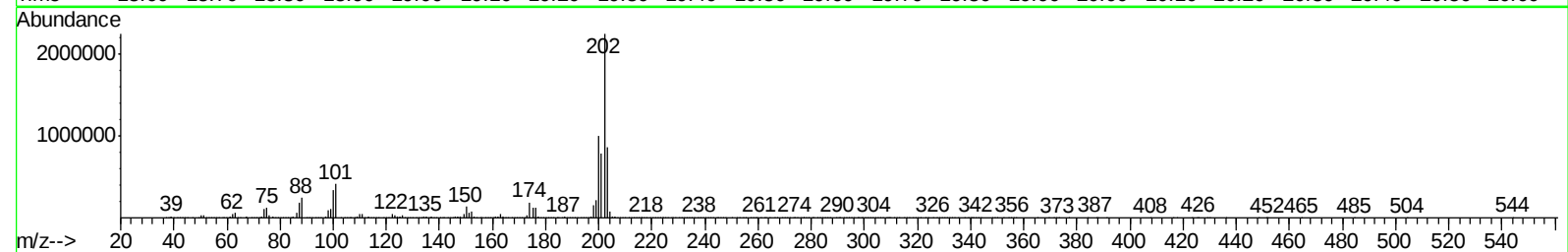
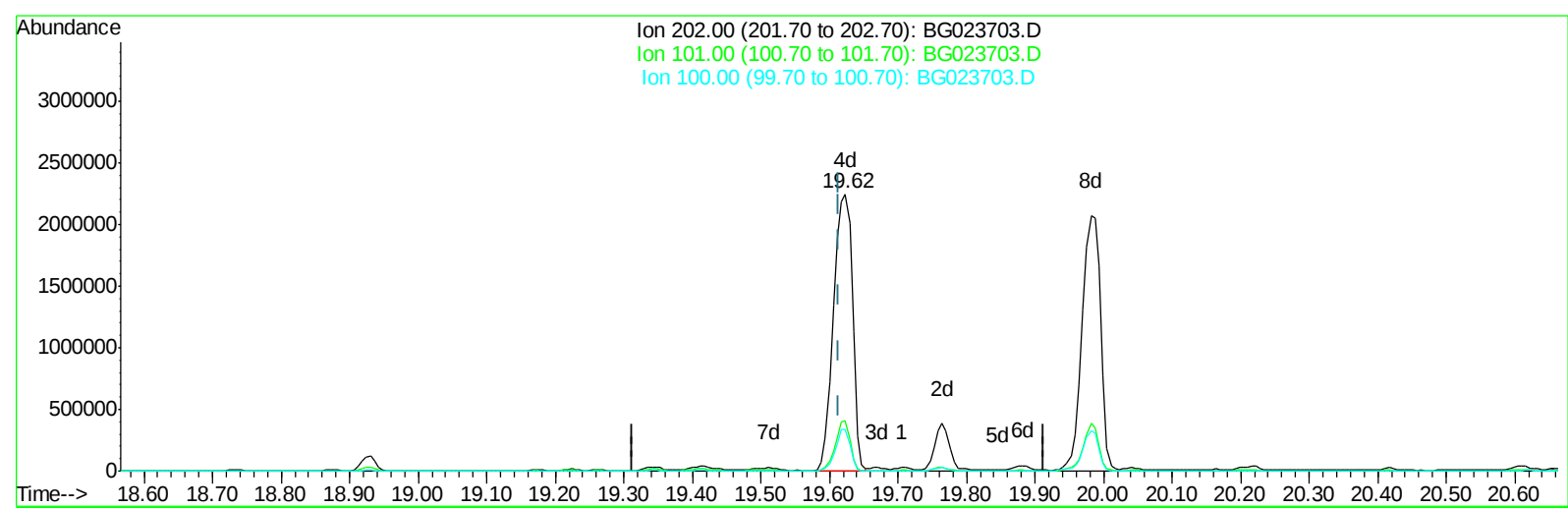
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(74) Fluoranthene (C)

19.623min (+0.009) 119.38ng/ul m

response 4314325

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	18.20#
100.00	10.90	15.08#
0.00	0.00	0.00

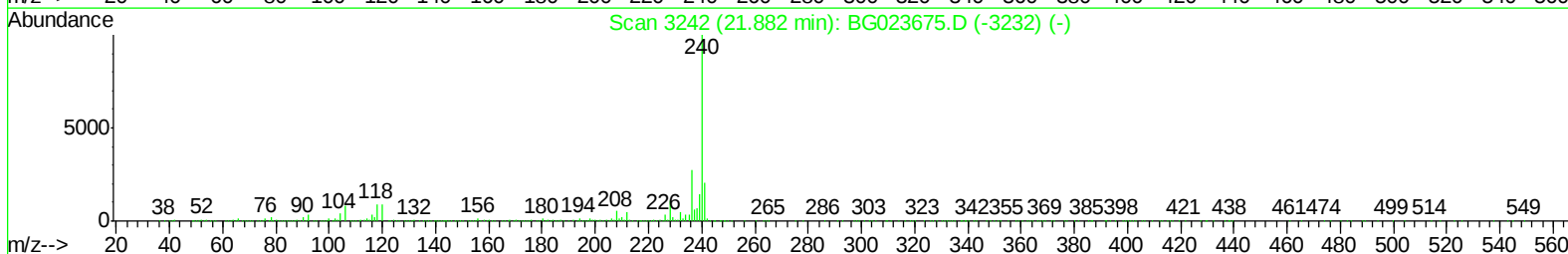
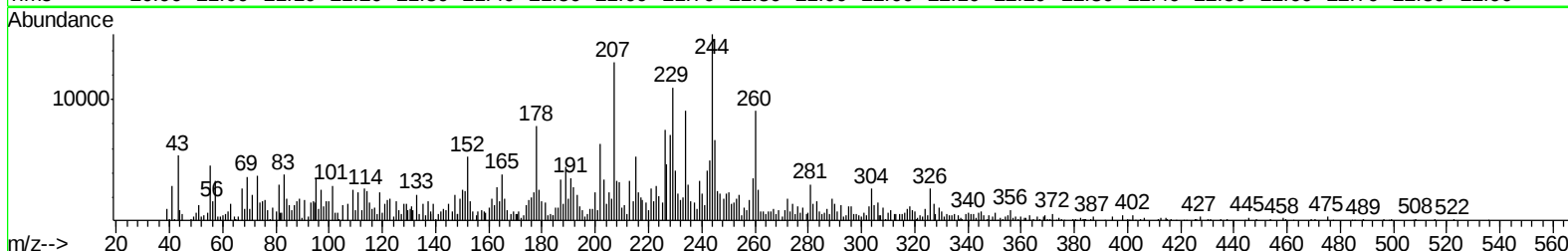
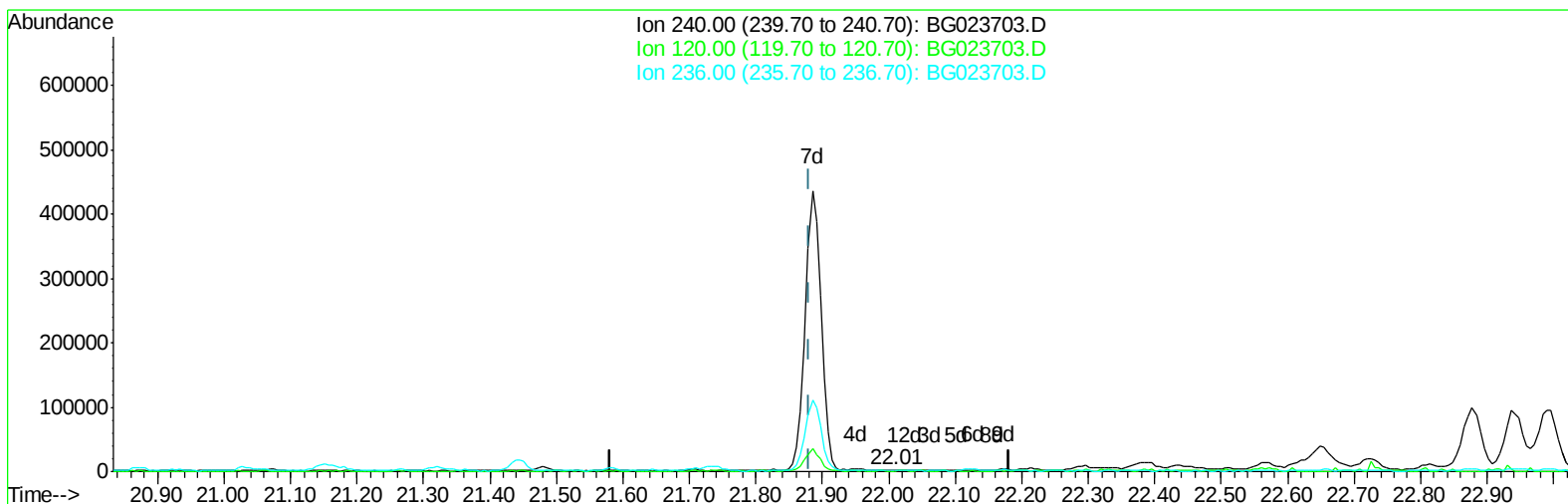
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023703.D
 Acq On : 14 Aug 2016 00:47
 Operator : UM/SJ
 Sample : H4385-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration



TIC: BG023703.D

(75) Chrysene-d12 (I)

22.008min (+0.127) 20.00ng/ul

response 1733

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	34.71#
236.00	26.10	72.50#
0.00	0.00	0.00

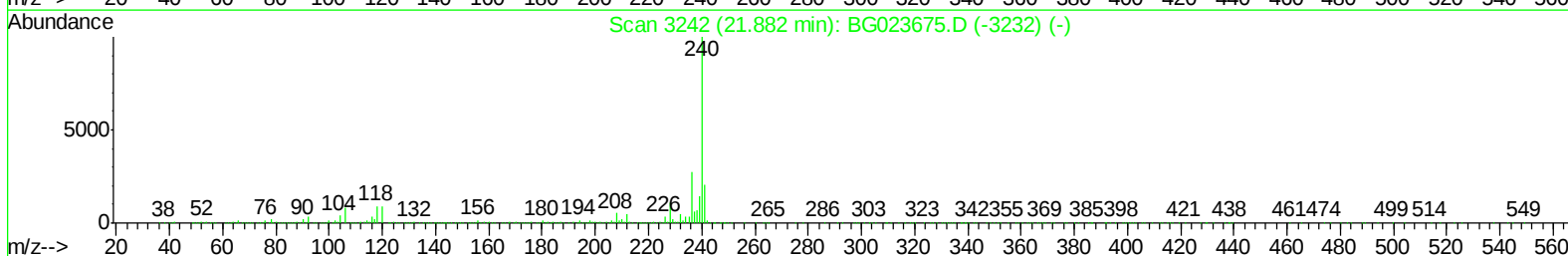
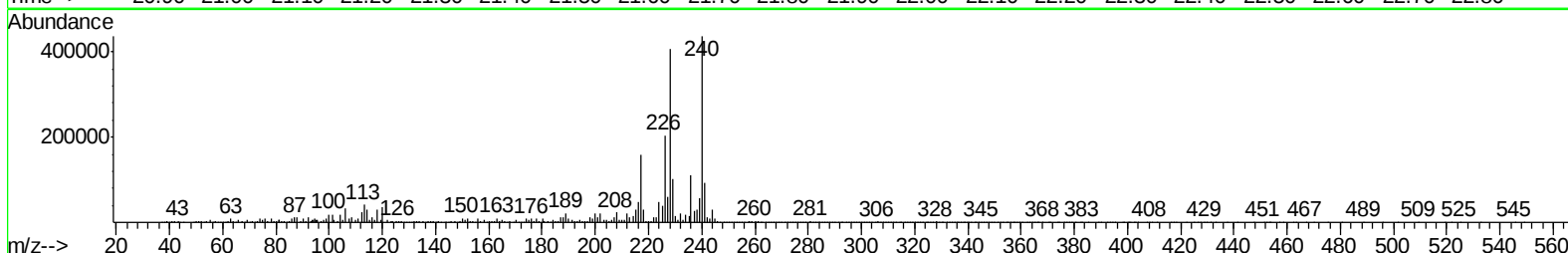
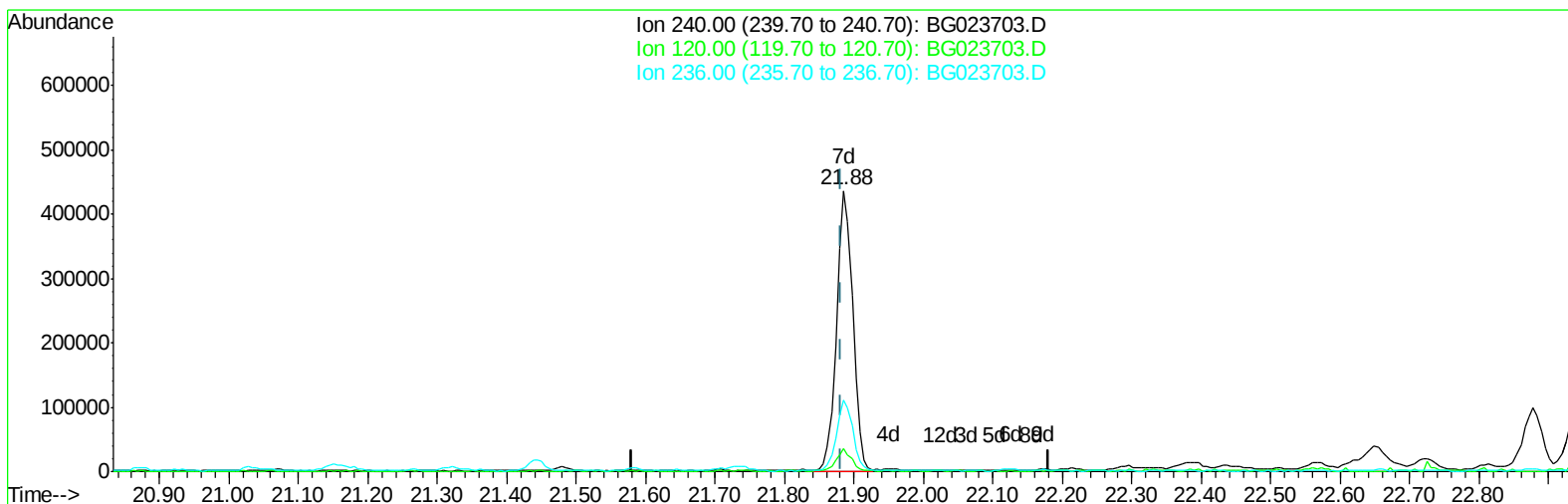
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(75) Chrysene-d12 (I)

21.885min (+0.003) 20.00ng/ul m

response 713812

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	8.25#
236.00	26.10	25.52
0.00	0.00	0.00

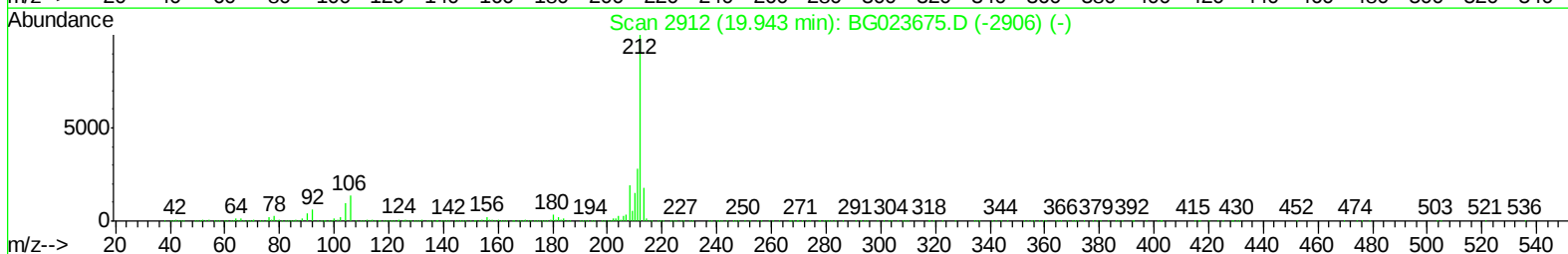
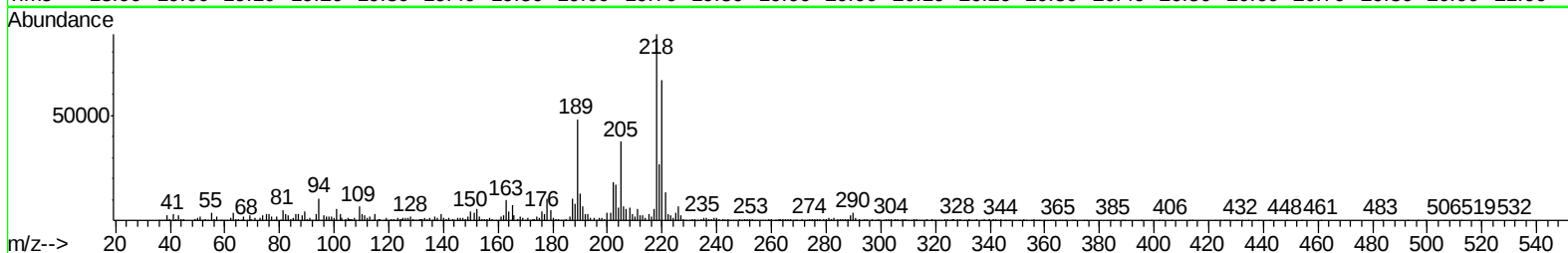
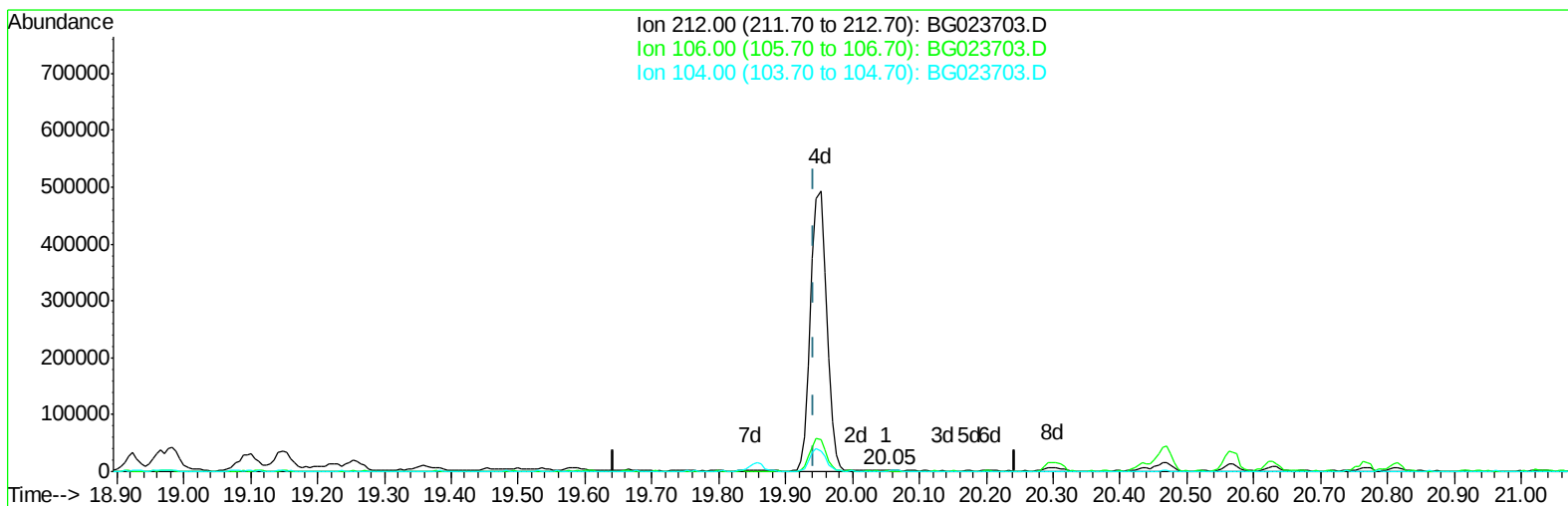
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:44 PM

Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(76) Pyrene-d10 (S)

20.052min (+0.109) 0.05ng/ul

response 1792

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	52.31#
104.00	11.70	35.28#
0.00	0.00	0.00

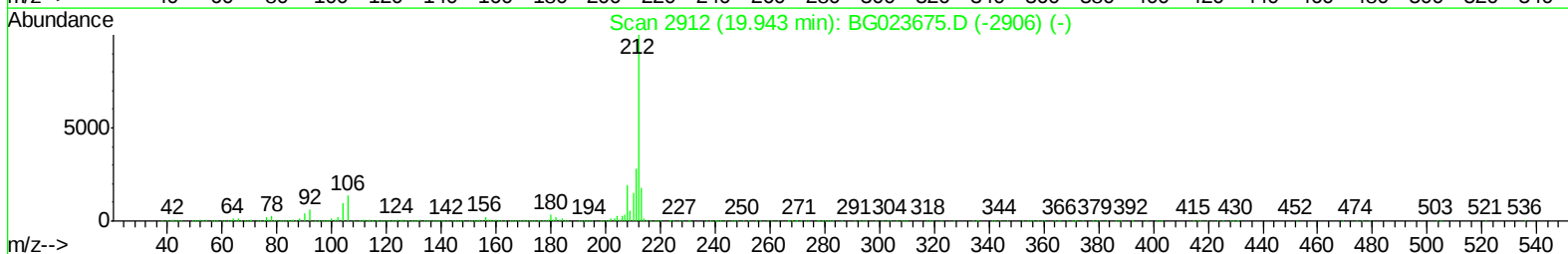
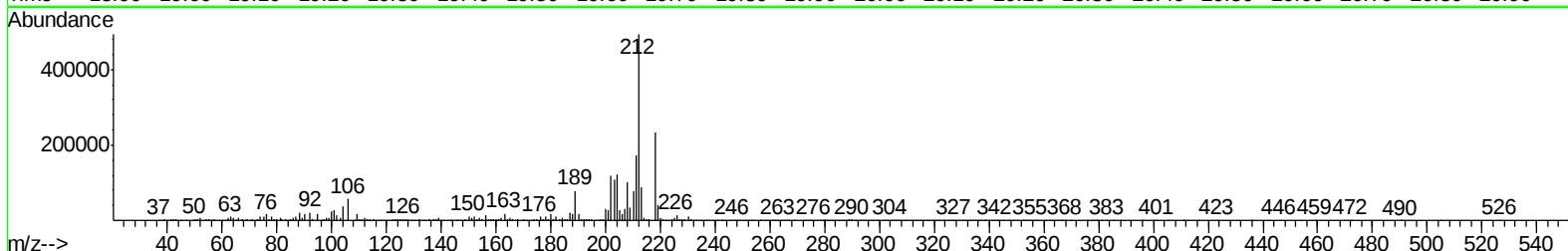
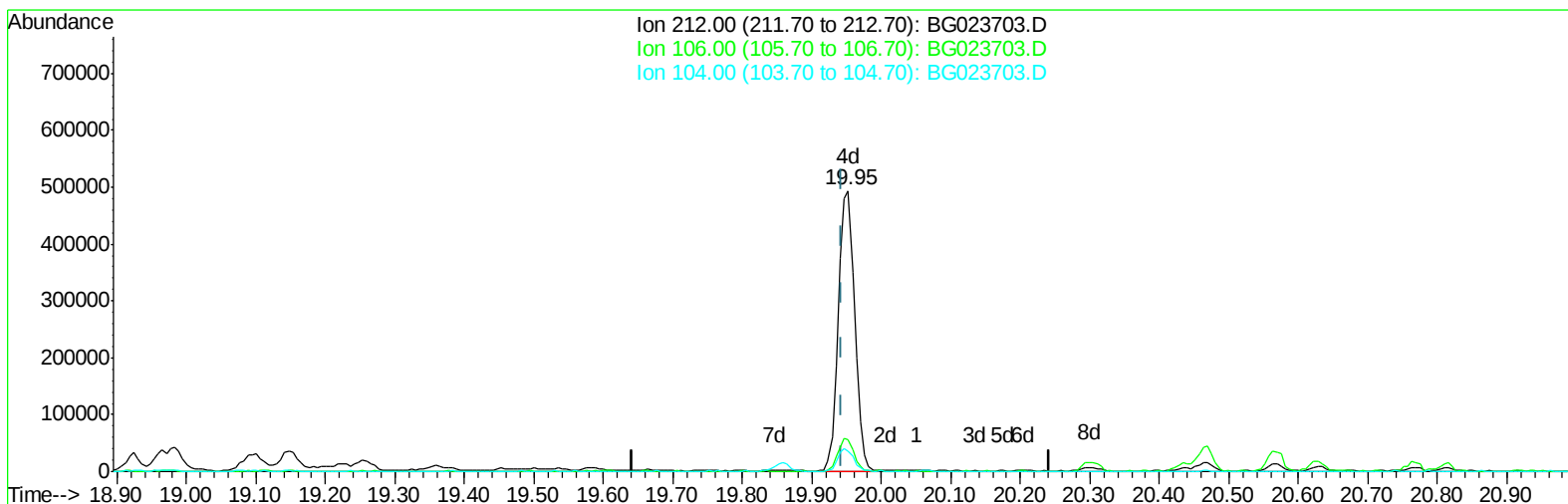
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(76) Pyrene-d10 (S)

19.952min (+0.009) 22.39ng/ul m

response 809014

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	11.39#
104.00	11.70	7.44#
0.00	0.00	0.00

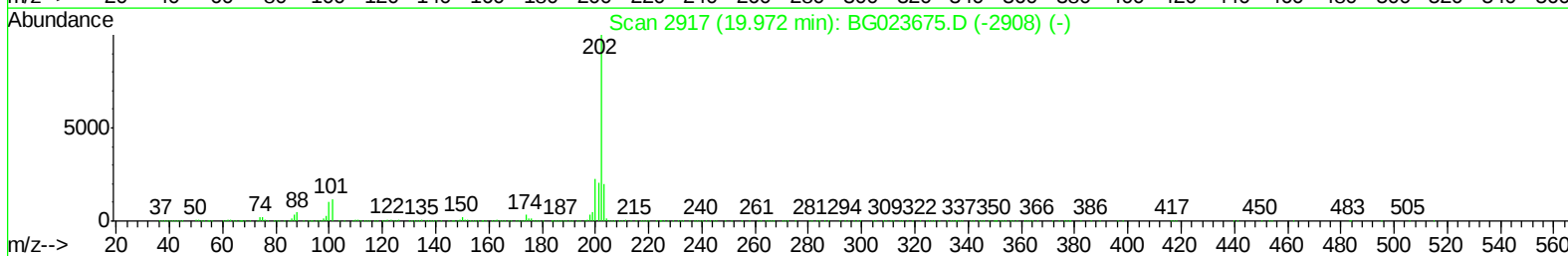
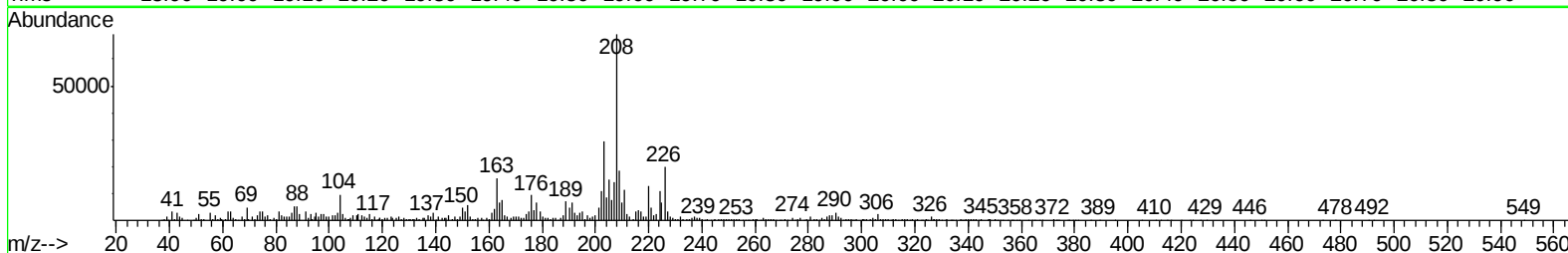
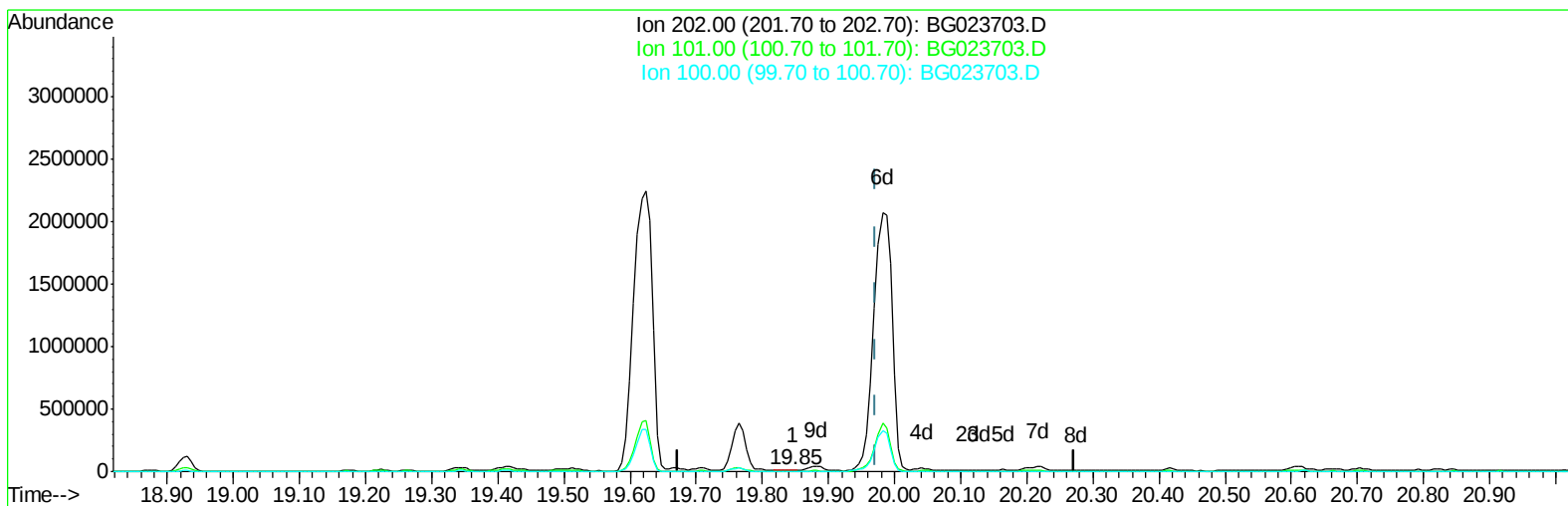
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Aug 15 11:07:12 2016
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QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(77) Pyrene

19.847min (-0.126) 0.12ng/ul

response 5191

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	18.04
100.00	12.80	12.98
0.00	0.00	0.00

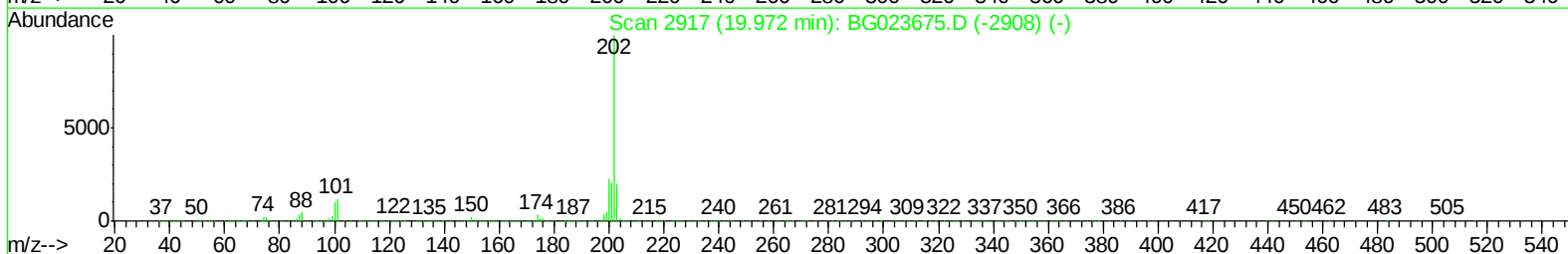
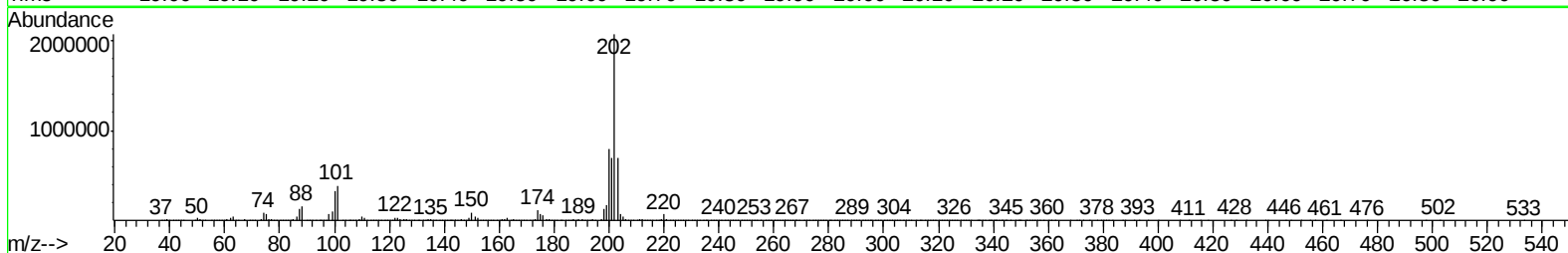
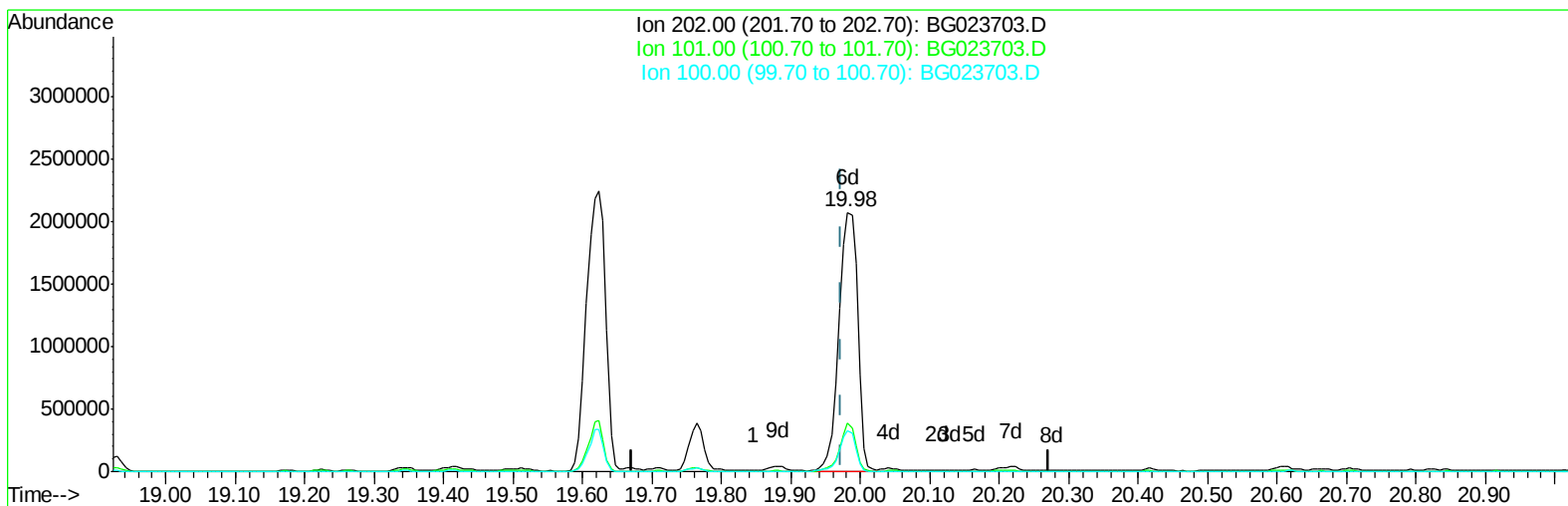
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(77) Pyrene

19.982min (+0.009) 89.12ng/ul m

response 3932856

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	18.80#
100.00	12.80	16.01#
0.00	0.00	0.00

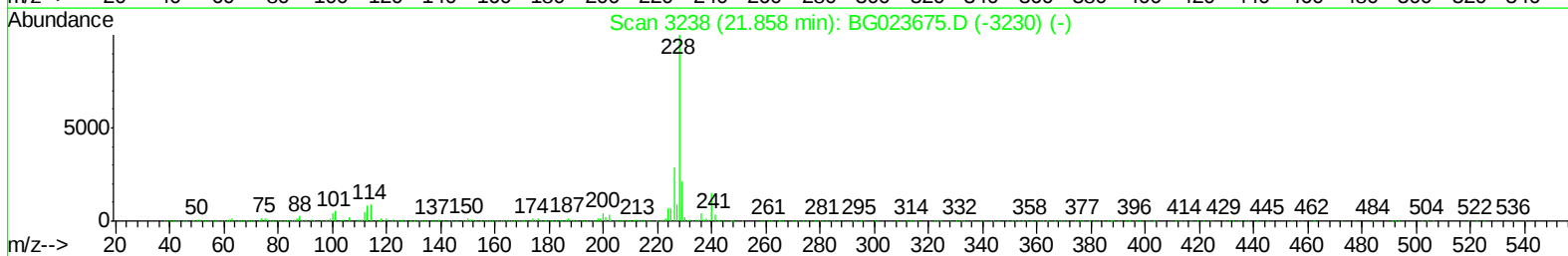
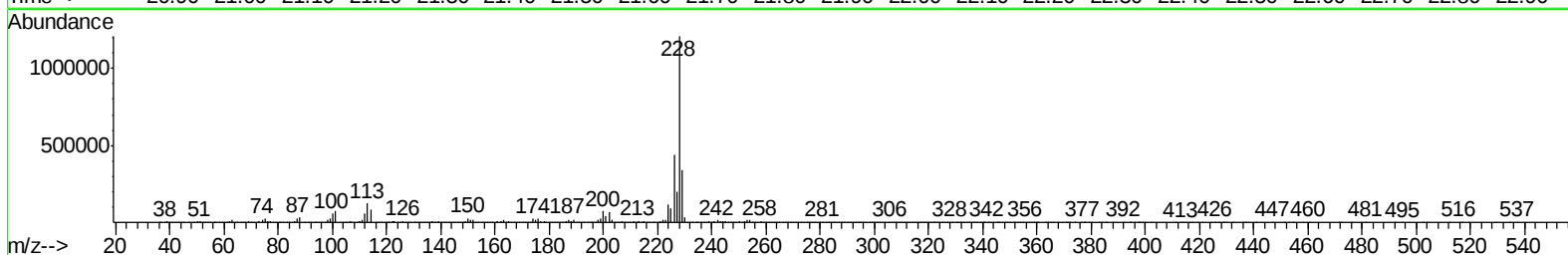
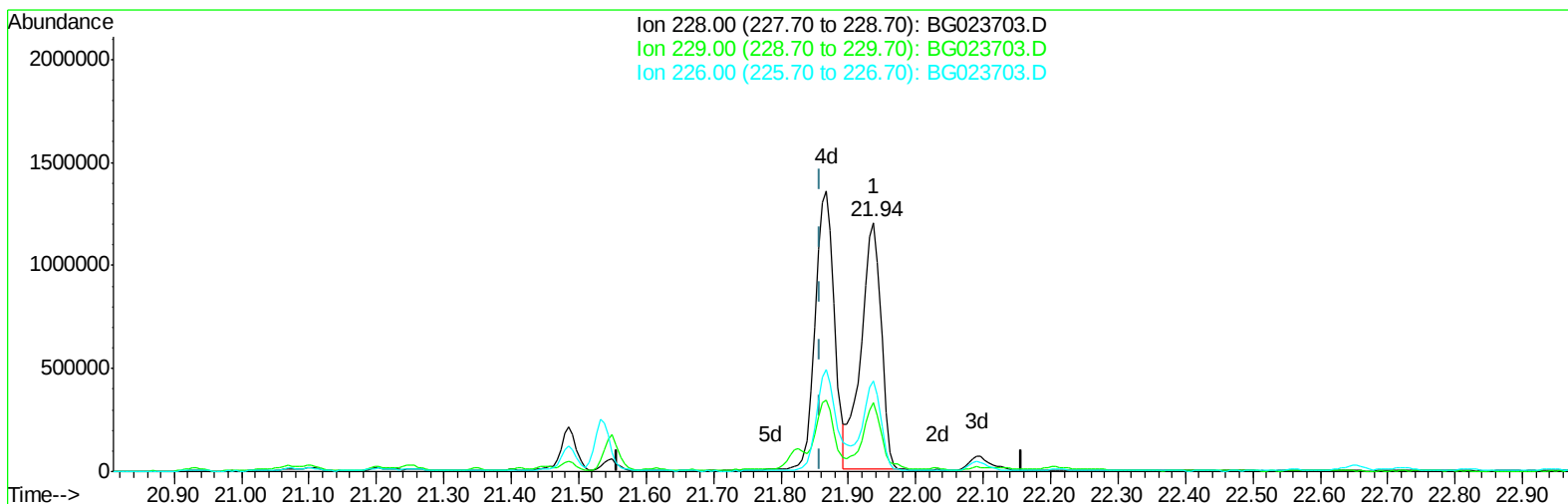
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(80) Benzo(a)anthracene
21.938min (+0.080) 61.89ng/ul
response 2487726

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	27.78#
226.00	28.50	36.47#
0.00	0.00	0.00

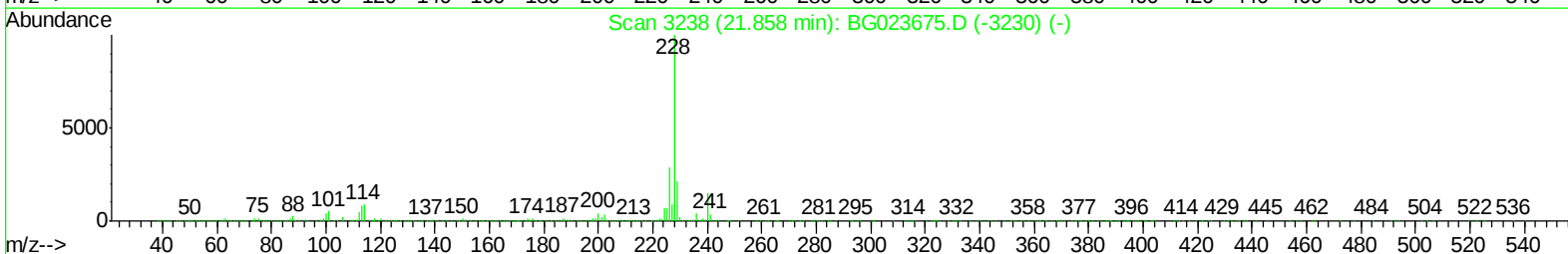
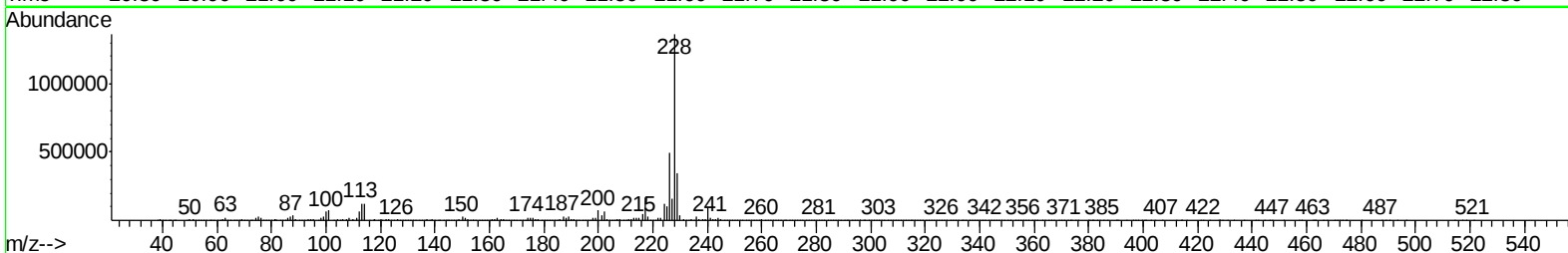
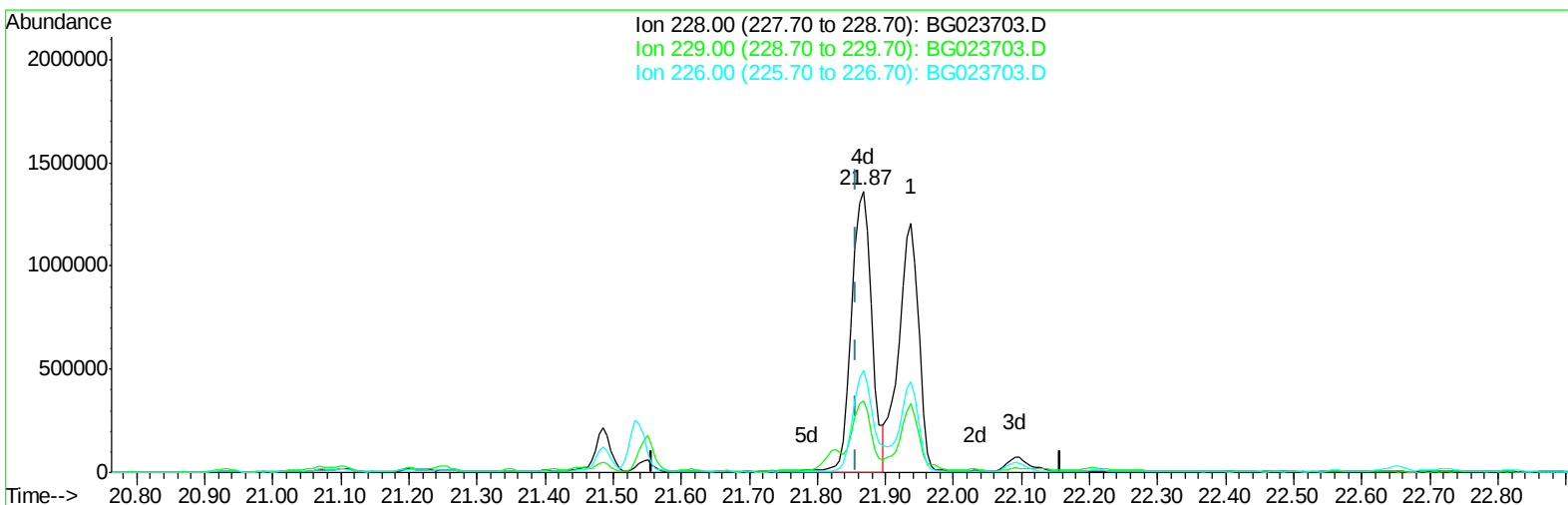
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(80) Benzo(a)anthracene

21.867min (+0.009) 70.66ng/ul m

response 2840591

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	25.63#
226.00	28.50	36.23#
0.00	0.00	0.00

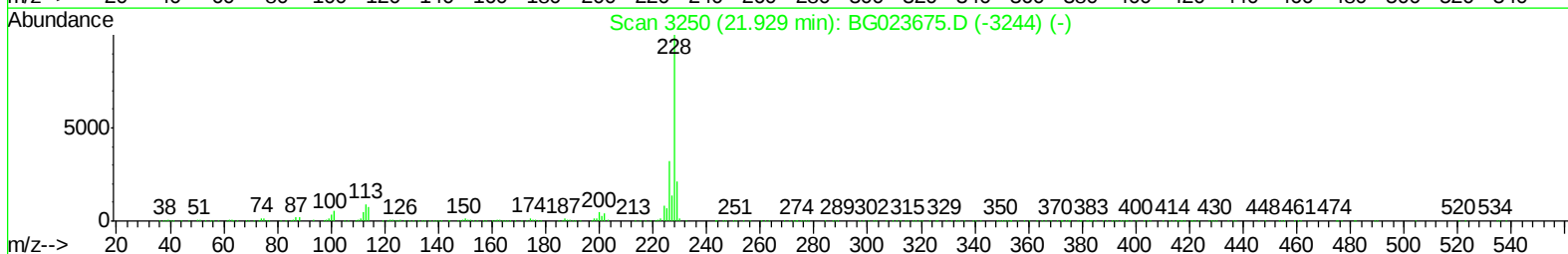
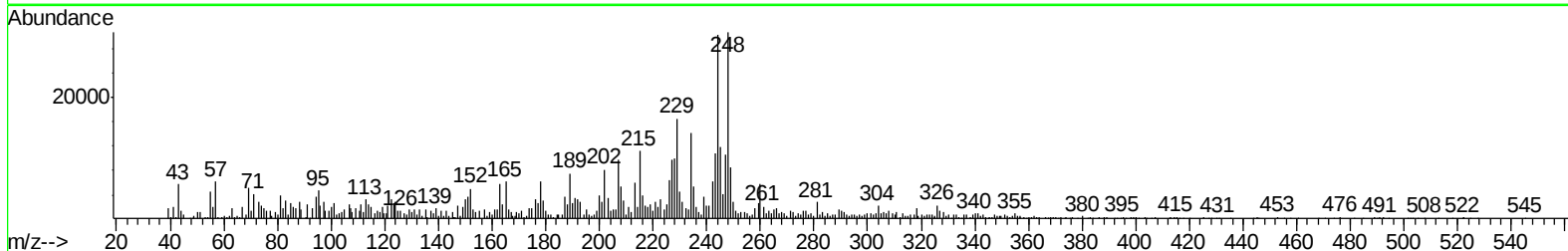
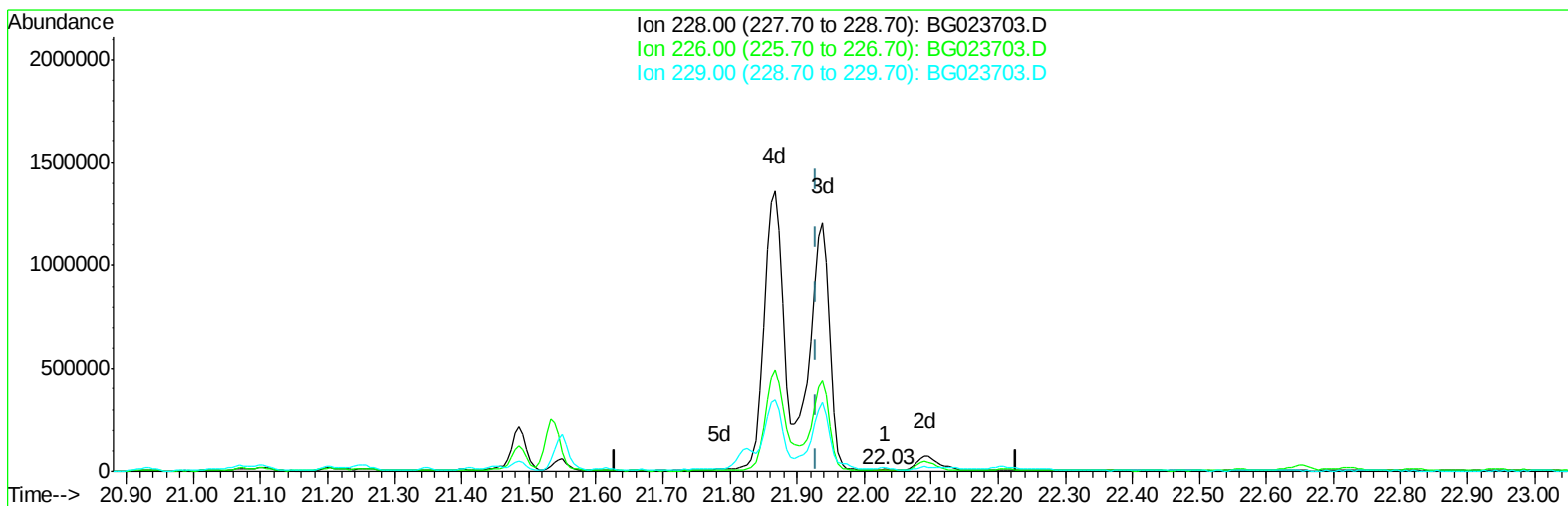
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(82) Chrysene

22.032min (+0.103) 0.20ng/ul

response 7271

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	65.40#
229.00	18.80	166.78#
0.00	0.00	0.00

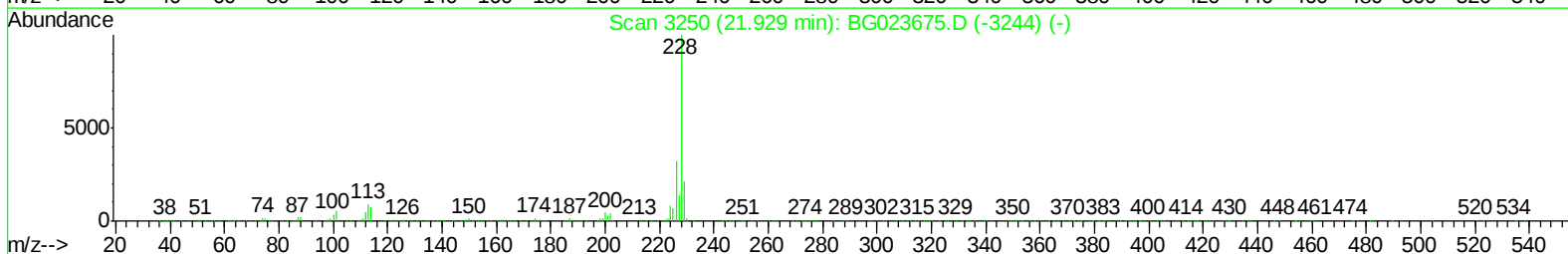
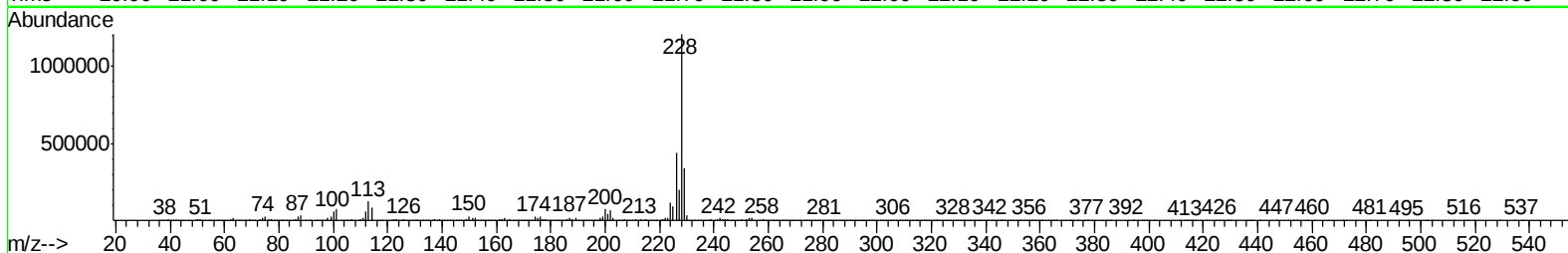
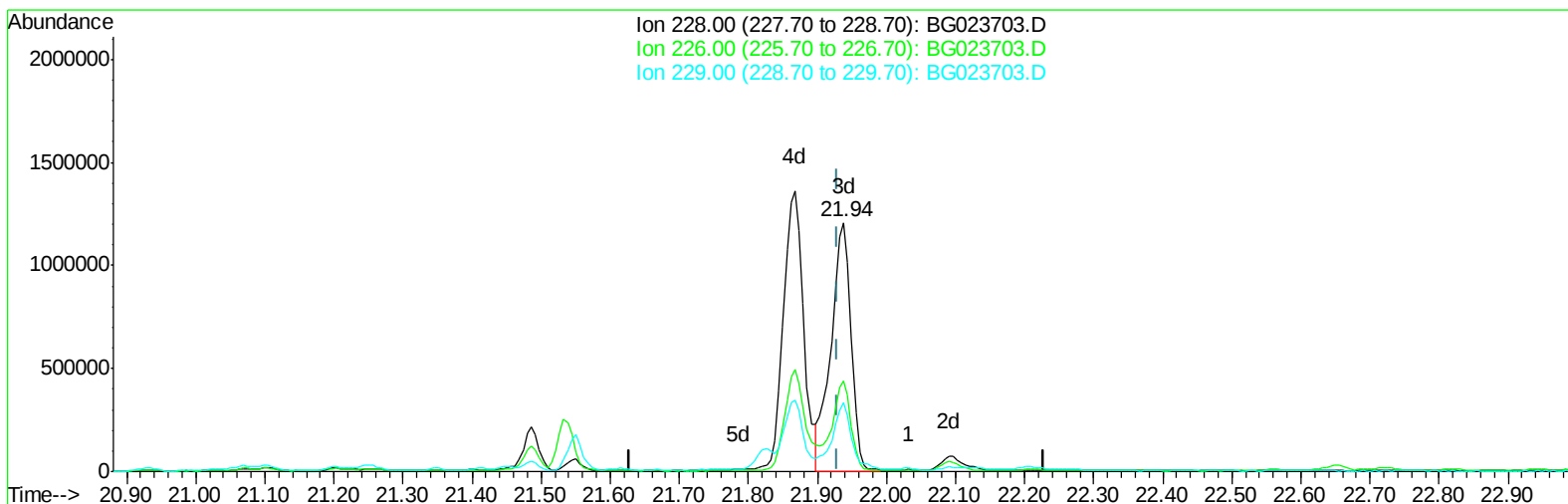
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
APPROVED

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Quant Time: Aug 15 11:07:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
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TIC: BG023703.D

(82) Chrysene

21.938min (+0.009) 67.93ng/ul m

response 2483087

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	36.47#
229.00	18.80	27.78#
0.00	0.00	0.00

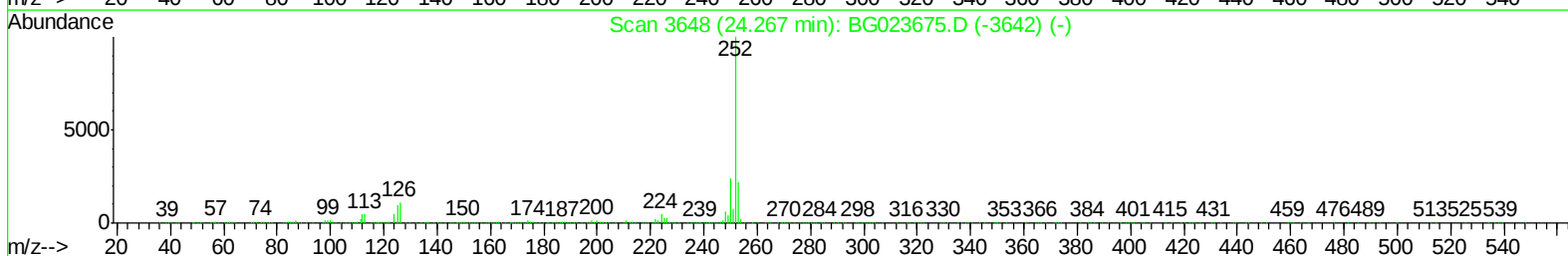
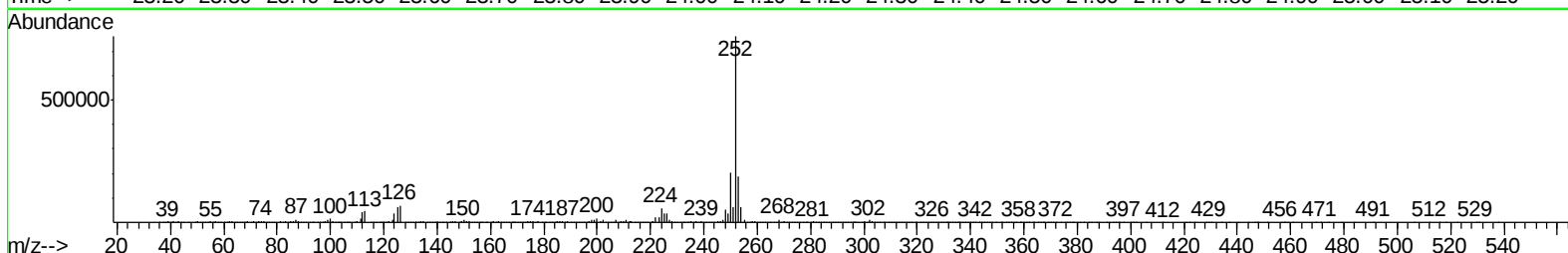
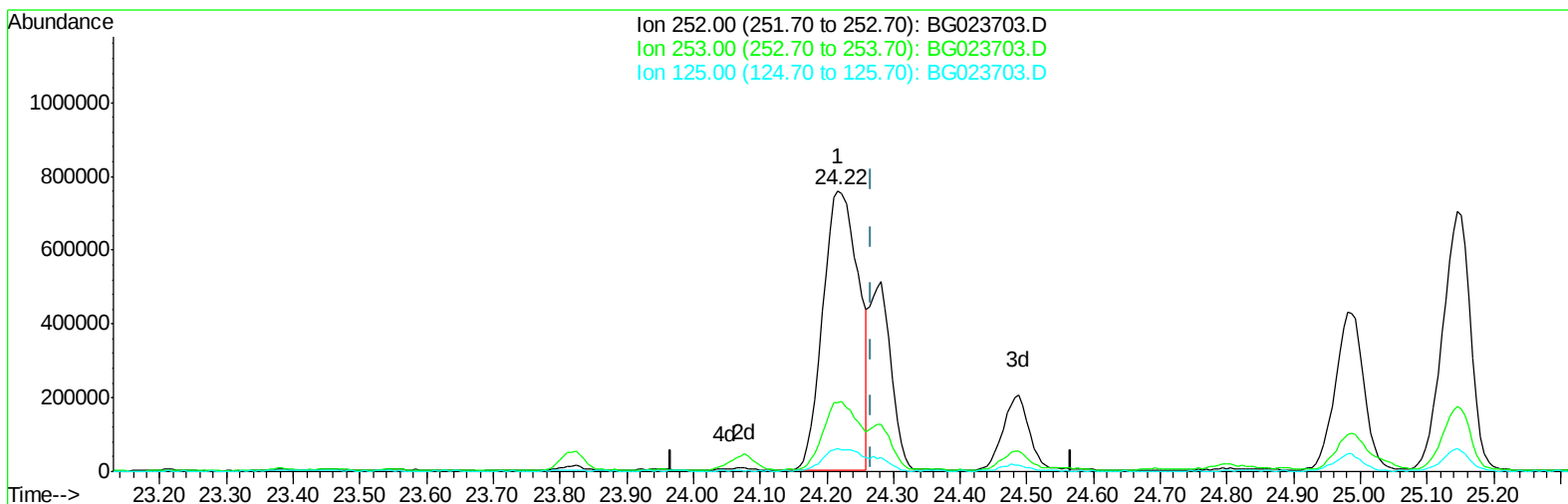
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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Quant Time: Aug 15 19:24:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023703.D

(86) Benzo(k)fluoranthene

24.217min (-0.049) 67.44ng/ul

response 2810087

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.63#
125.00	13.30	8.36#
0.00	0.00	0.00

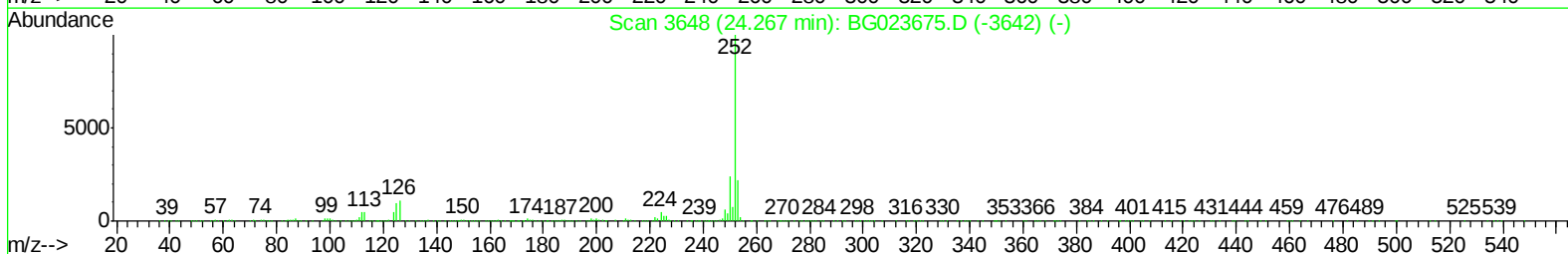
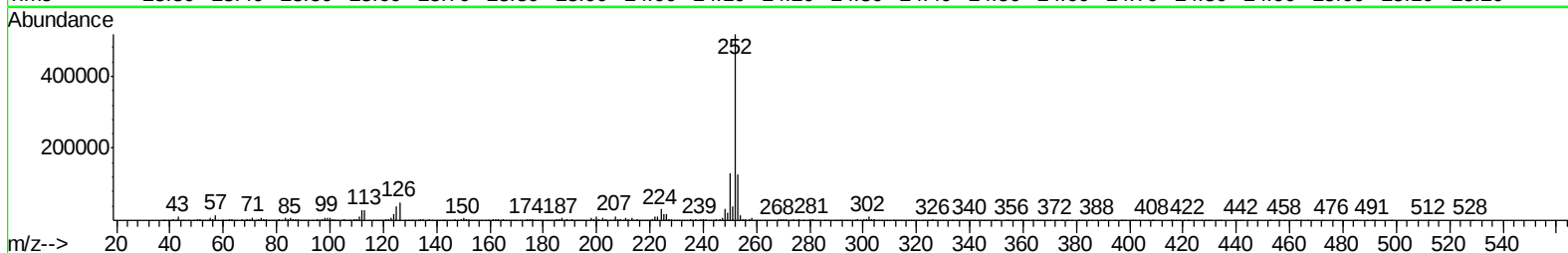
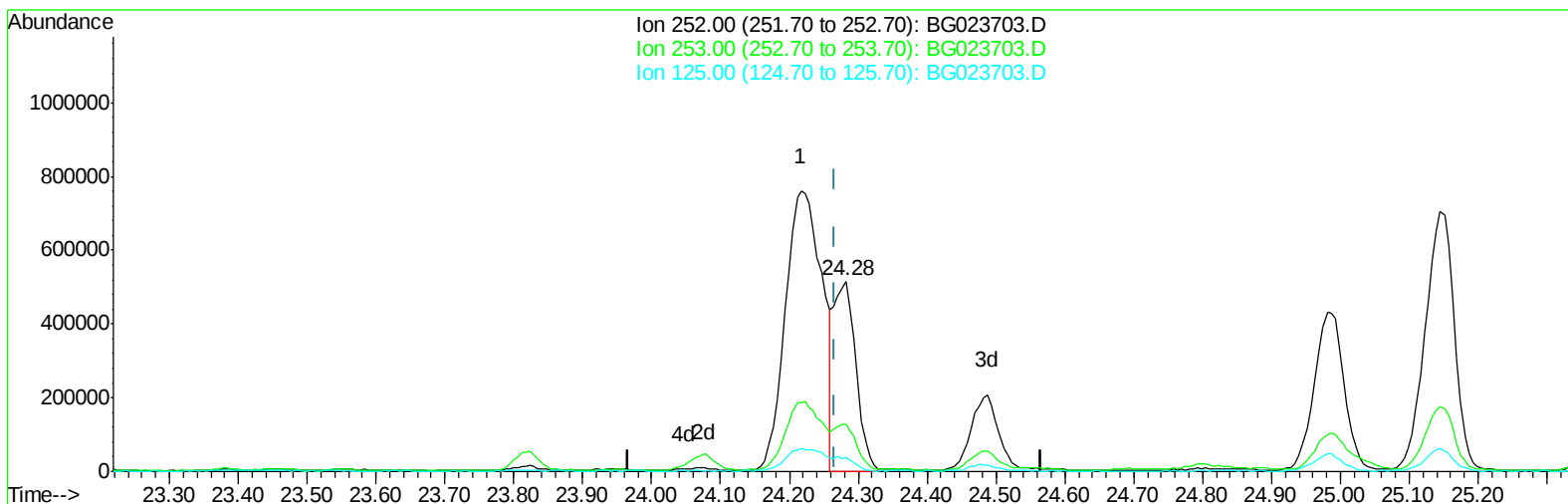
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0002-01

Manual Integrations
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Quant Time: Aug 15 19:24:29 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: BG023703.D

(86) Benzo(k)fluoranthene

24.282min (+0.015) 27.58ng/ul m

response 1149225

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.68#
125.00	13.30	7.39#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023703.D
 Acq On : 14 Aug 2016 00:47
 Operator : UM/SJ
 Sample : H4385-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 15 19:26:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	115432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	533563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	329582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	681625m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	713812m	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	744138	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	7960	2.93	ng/uL	0.00
5) Phenol-d5	7.27	99	232646	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	148751	19.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	163331	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	182872	20.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	89910m	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	106434	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	192001	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	197167	18.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	600788	22.26	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	719231	23.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	78932	17.13	ng/ul	0.00
57) Fluorene-d10	15.79	176	538187	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	64803m	14.82	ng/ul	0.00
70) Anthracene-d10	17.66	188	743893m	24.22	ng/ul	0.00
76) Pyrene-d10	19.95	212	809014m	22.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	819785	24.34	ng/ul	0.02

Target Compounds

						Ovalue
28) Naphthalene	11.00	128	33098	1.22	ng/ul	96
34) 2-Methylnaphthalene	12.61	142	51392	2.34	ng/ul	93
44) Dimethylphthalate	14.23	163	339202	12.69	ng/ul	97
47) Acenaphthylene	14.51	152	423532	13.33	ng/ul	98
49) Acenaphthene	14.85	153	163977	7.58	ng/ul	99
53) Dibenzofuran	15.19	168	253439	7.90	ng/ul	93
58) Fluorene	15.84	166	563506	21.09	ng/ul	100
69) Phenanthrene	17.60	178	3691603m	104.58	ng/ul	
71) Anthracene	17.69	178	1159218	32.18	ng/ul	98
72) Carbazole	17.96	167	233188	8.03	ng/ul	95
74) Fluoranthene	19.62	202	4314325m	119.38	ng/ul	
77) Pyrene	19.98	202	3932856m	89.12	ng/ul	
80) Benzo(a)anthracene	21.87	228	2840591m	70.66	ng/ul	
82) Chrysene	21.94	228	2483087m	67.93	ng/ul	
85) Benzo(b)fluoranthene	24.22	252	2810087	66.39	ng/ul#	93
86) Benzo(k)fluoranthene	24.28	252	1149225m	27.58	ng/ul	
88) Benzo(a)pyrene	25.15	252	2053797	50.26	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.23	276	1137630	23.69	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.26	278	359918	8.79	ng/ul#	80
91) Benzo(g,h,i)perylene	30.45	276	879513	22.09	ng/ul#	84

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

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023703.D
Acq On : 14 Aug 2016 00:47
Operator : UM/SJ
Sample : H4385-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Aug 15 19:26:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
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