

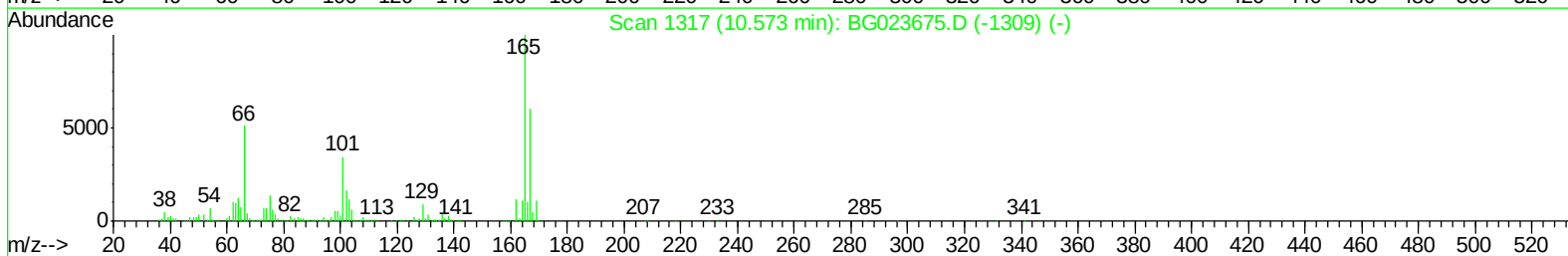
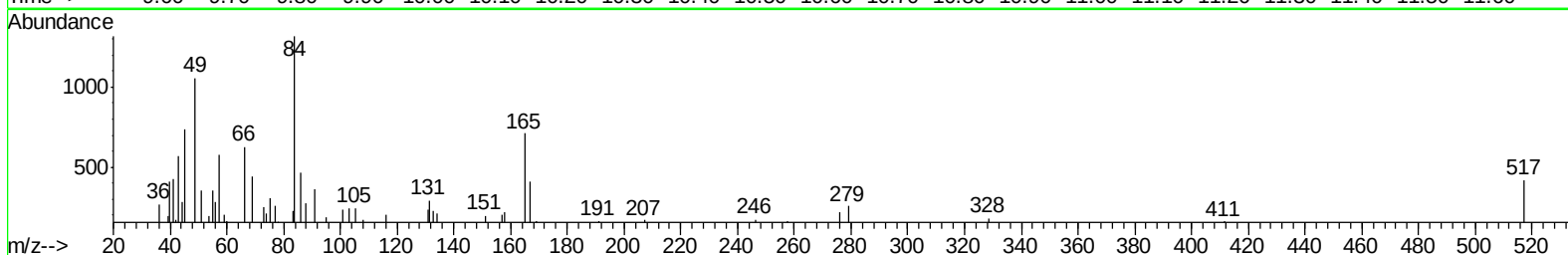
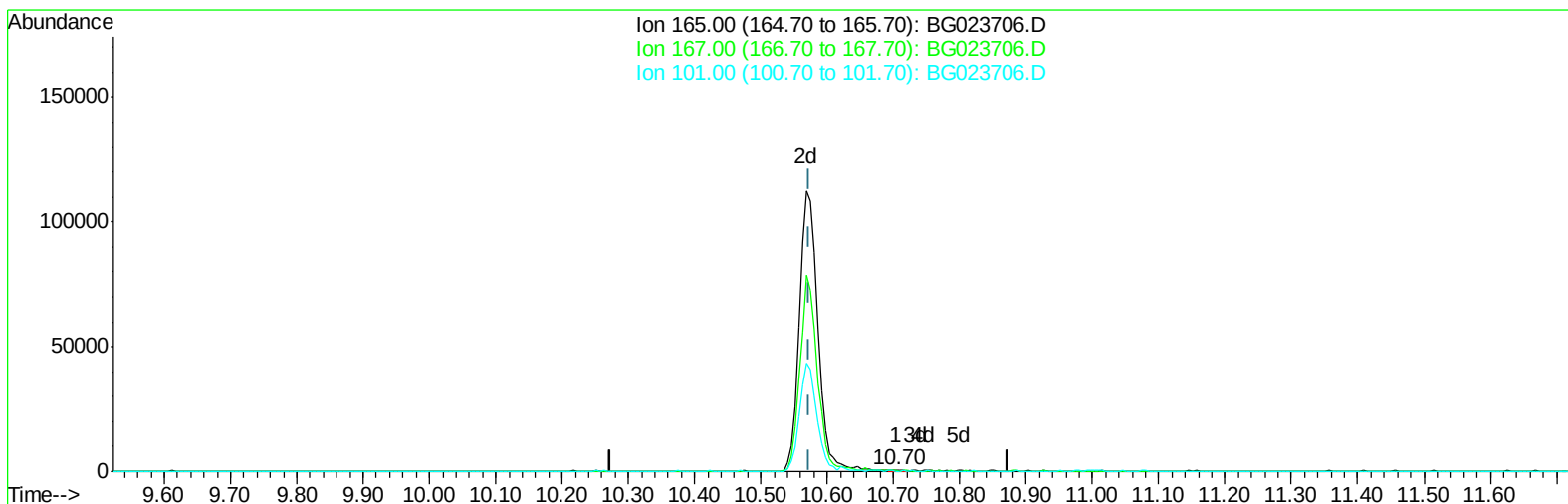
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

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

10.704min (+0.131) 0.08ng/ul

response 667

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	57.12
101.00	31.80	32.72
0.00	0.00	0.00

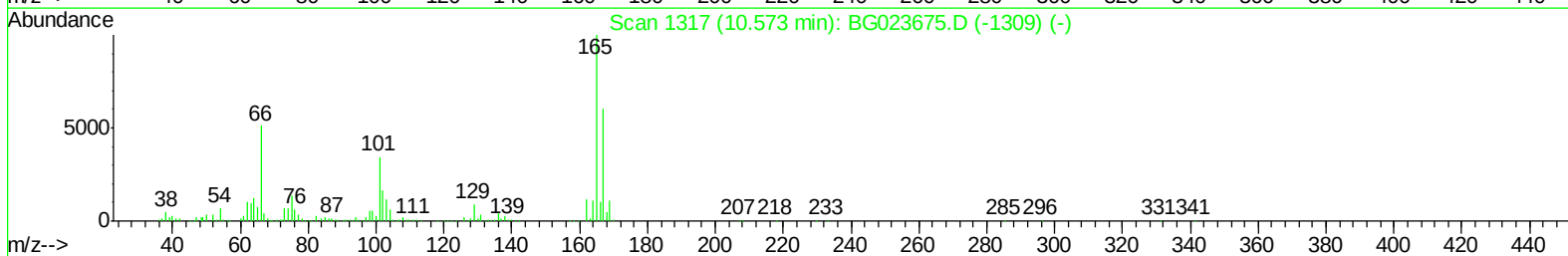
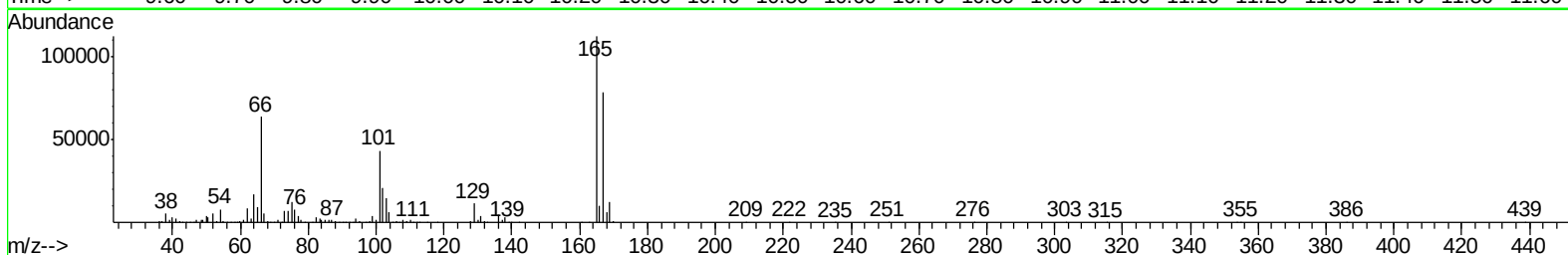
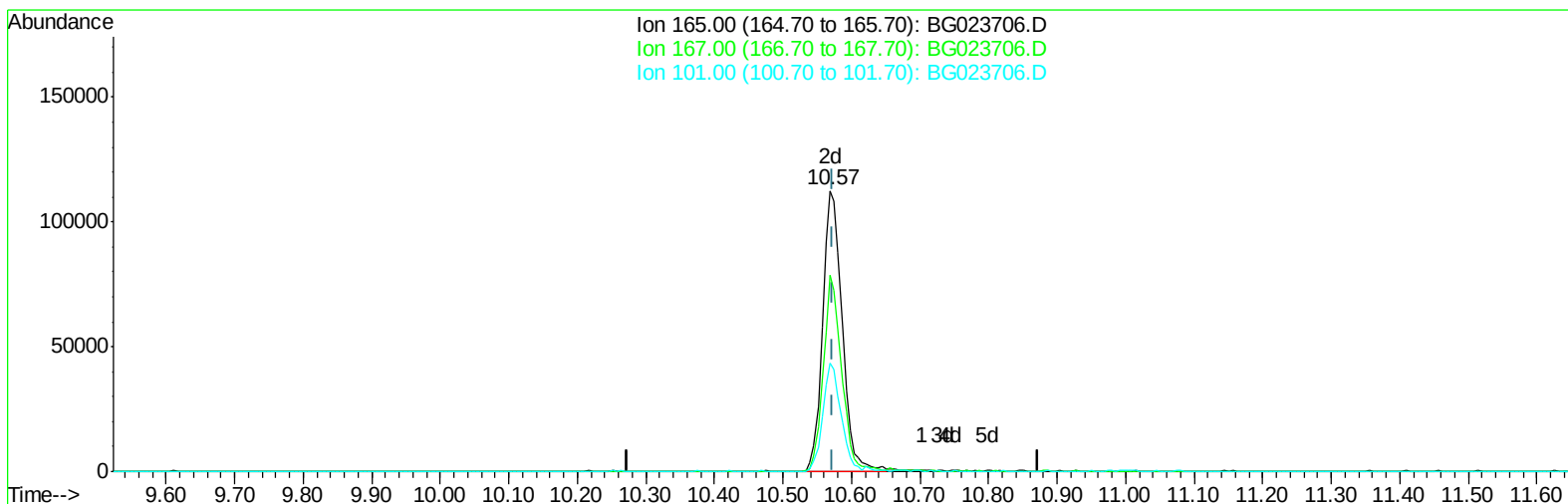
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

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

10.569min (-0.005) 26.16ng/ul m

response 222459

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	70.02
101.00	31.80	38.47#
0.00	0.00	0.00

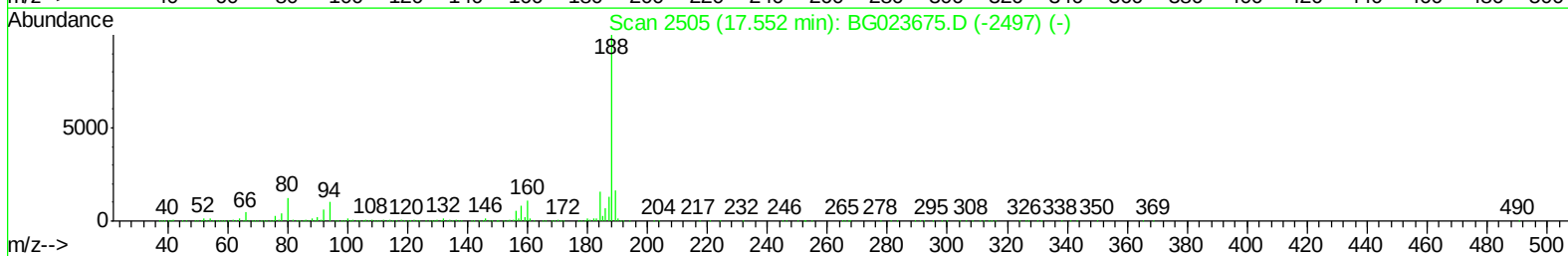
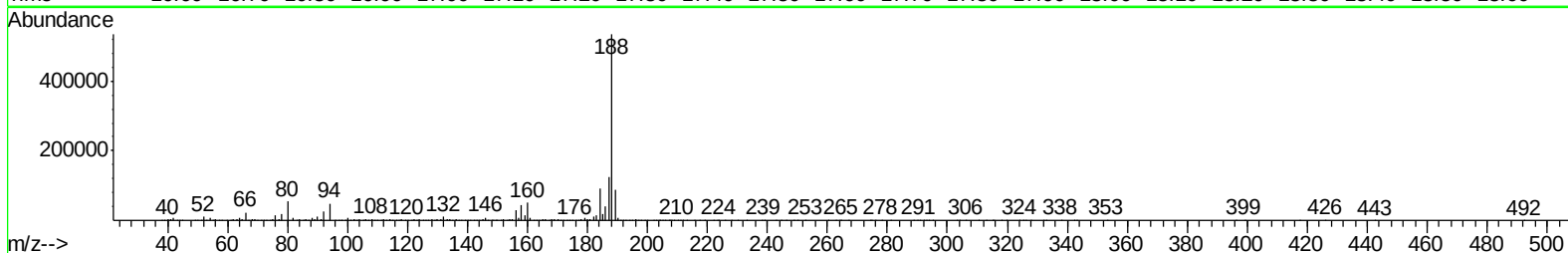
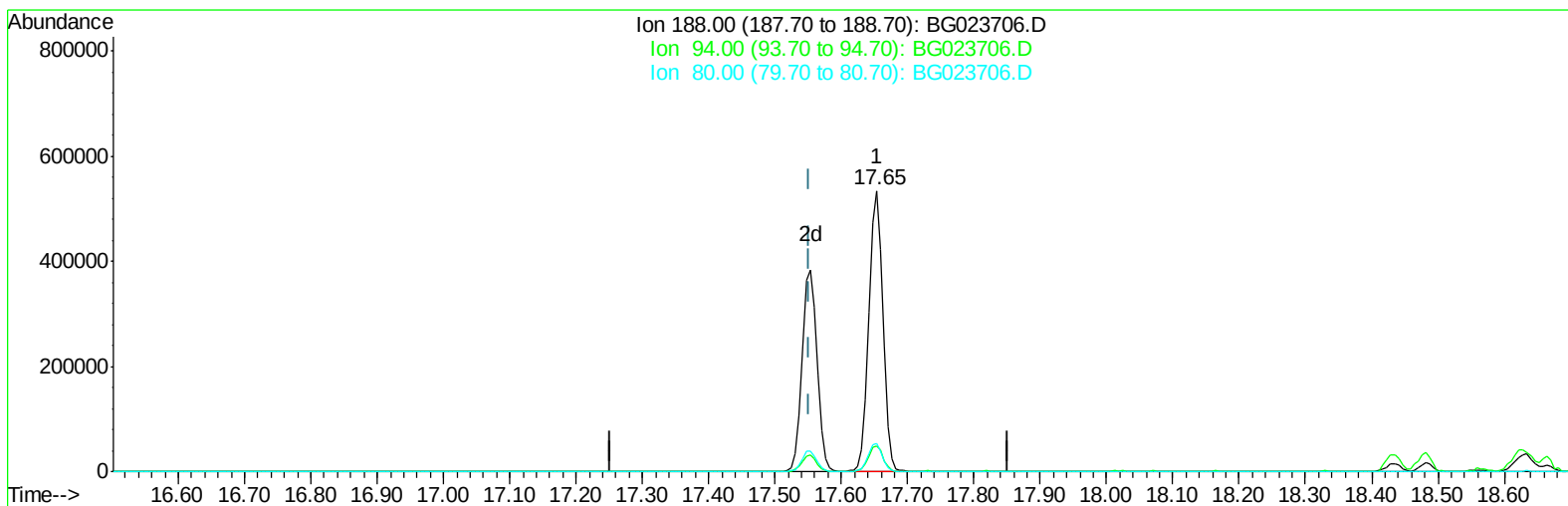
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(61) Phenanthrene-d10 (I)

17.653min (+0.101) 20.00ng/ul

response 802485

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.14
80.00	10.90	10.06
0.00	0.00	0.00

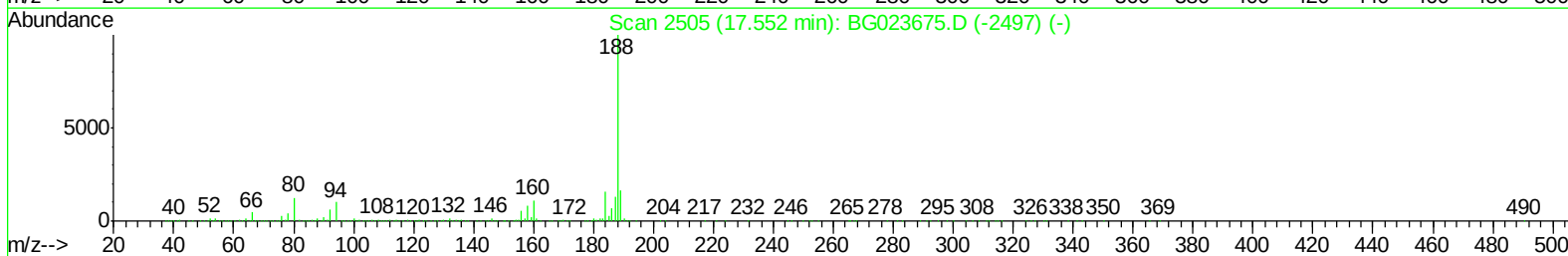
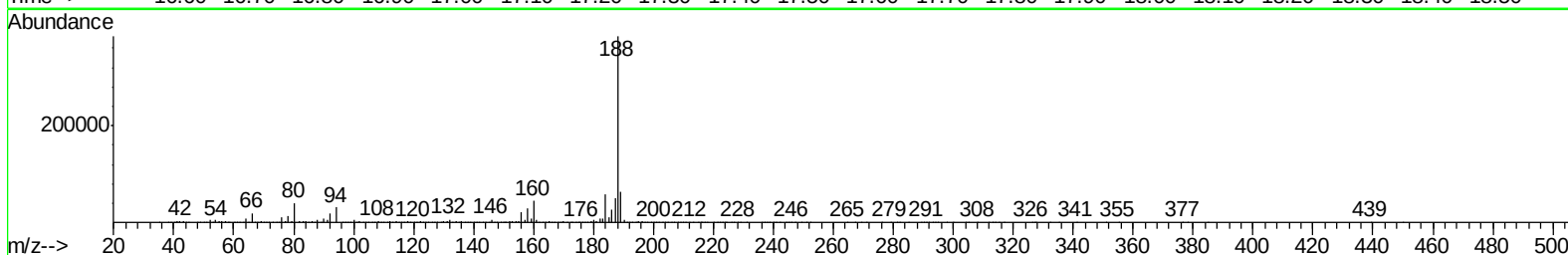
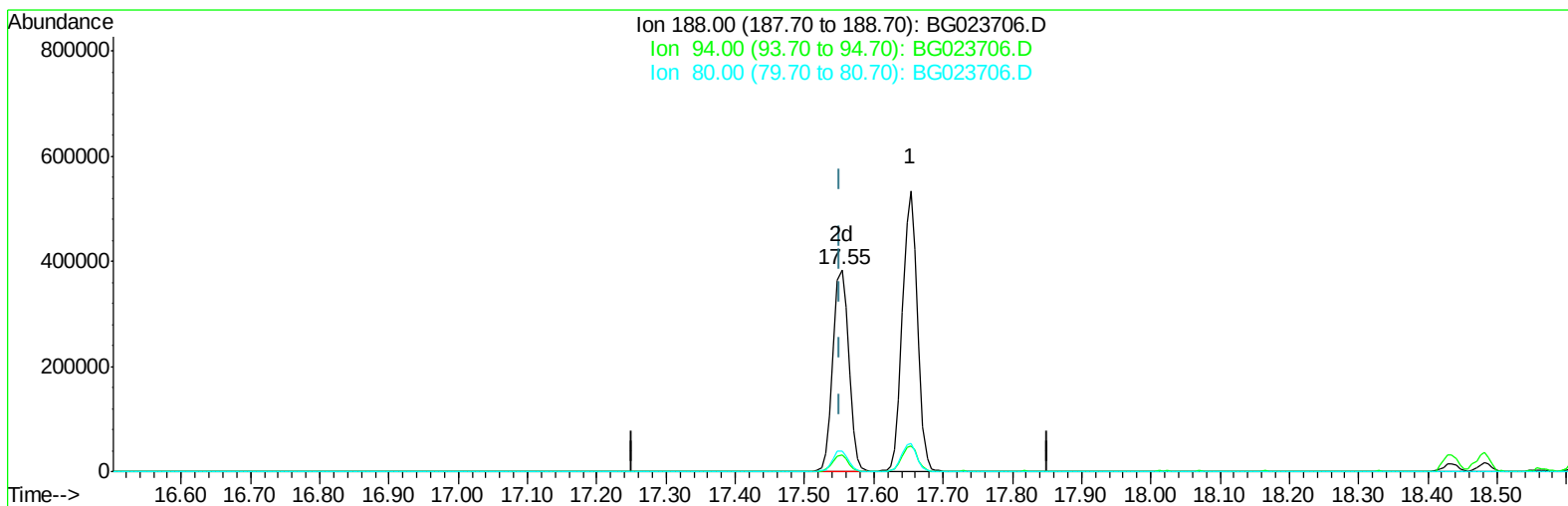
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(61) Phenanthrene-d10 (I)

17.553min (+0.001) 20.00ng/ul m

response 615212

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.01#
80.00	10.90	10.32
0.00	0.00	0.00

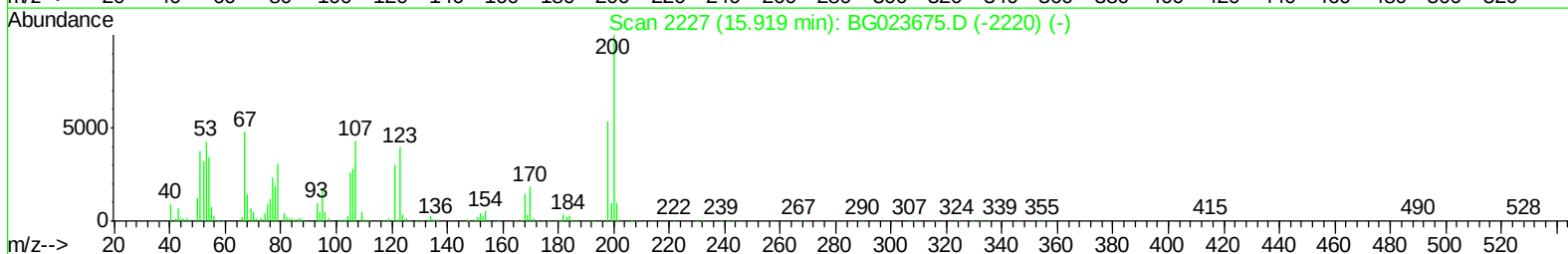
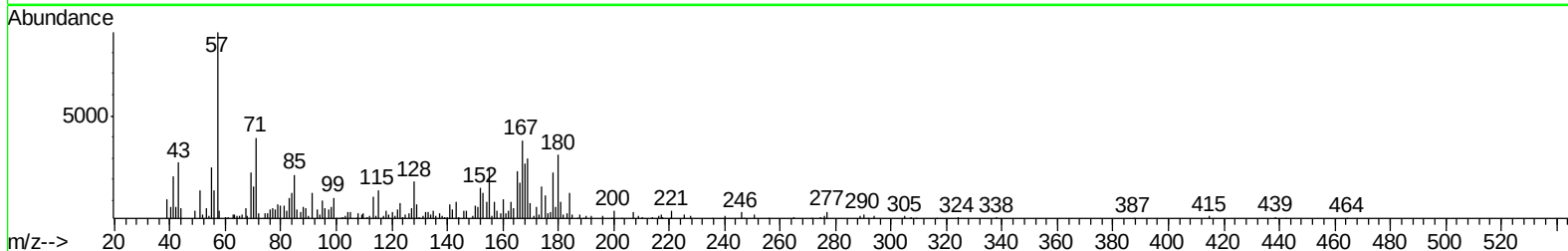
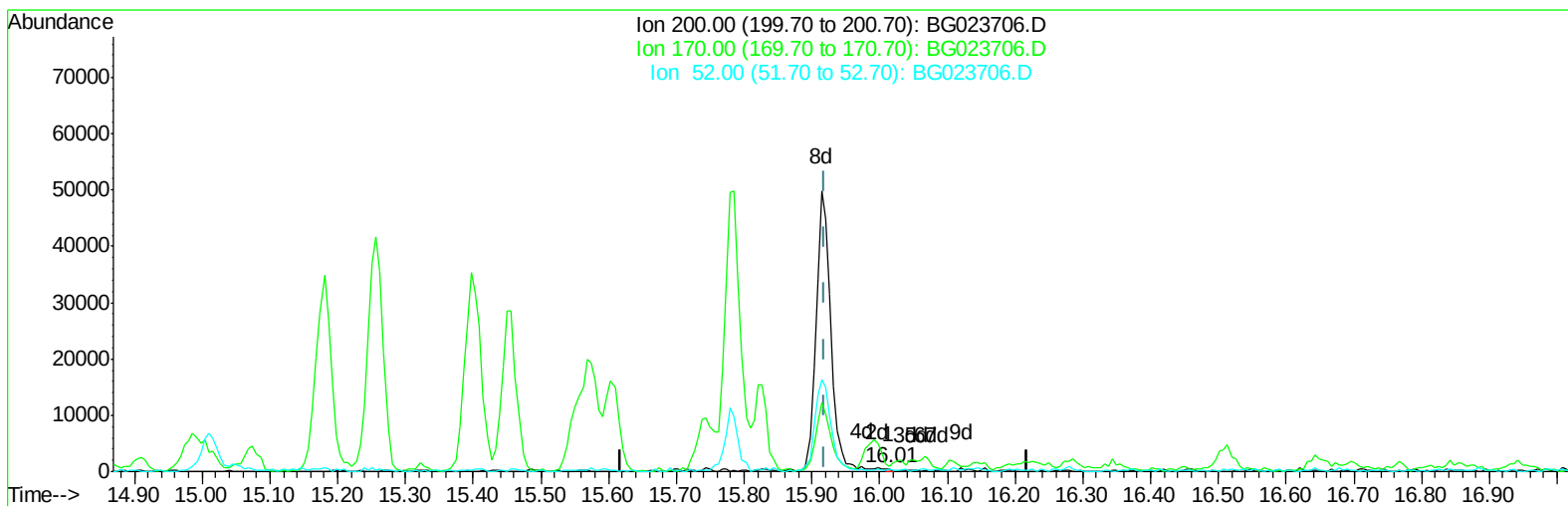
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:08:17 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG023706.D

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

16.014min (+0.095) 0.05ng/ul

response 182

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	170.35#
52.00	32.20	70.74#
0.00	0.00	0.00

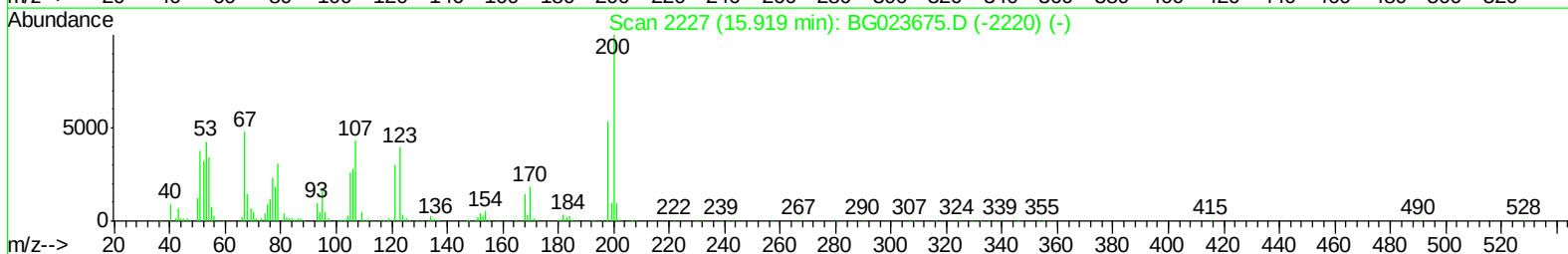
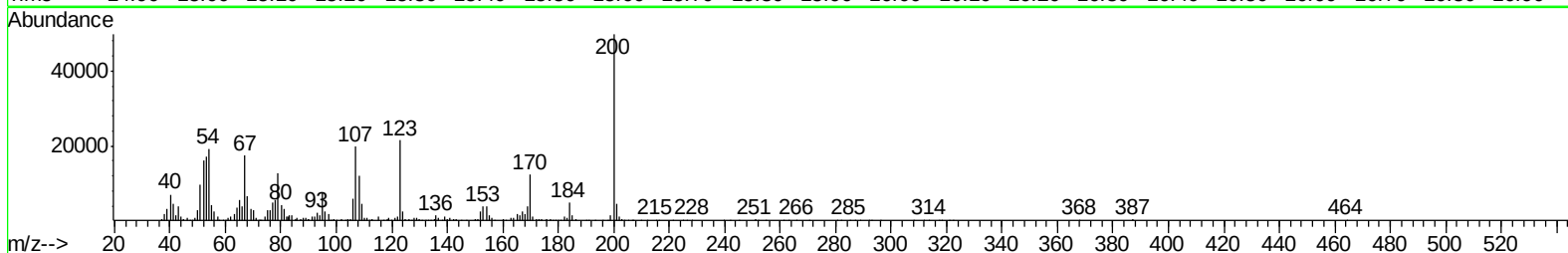
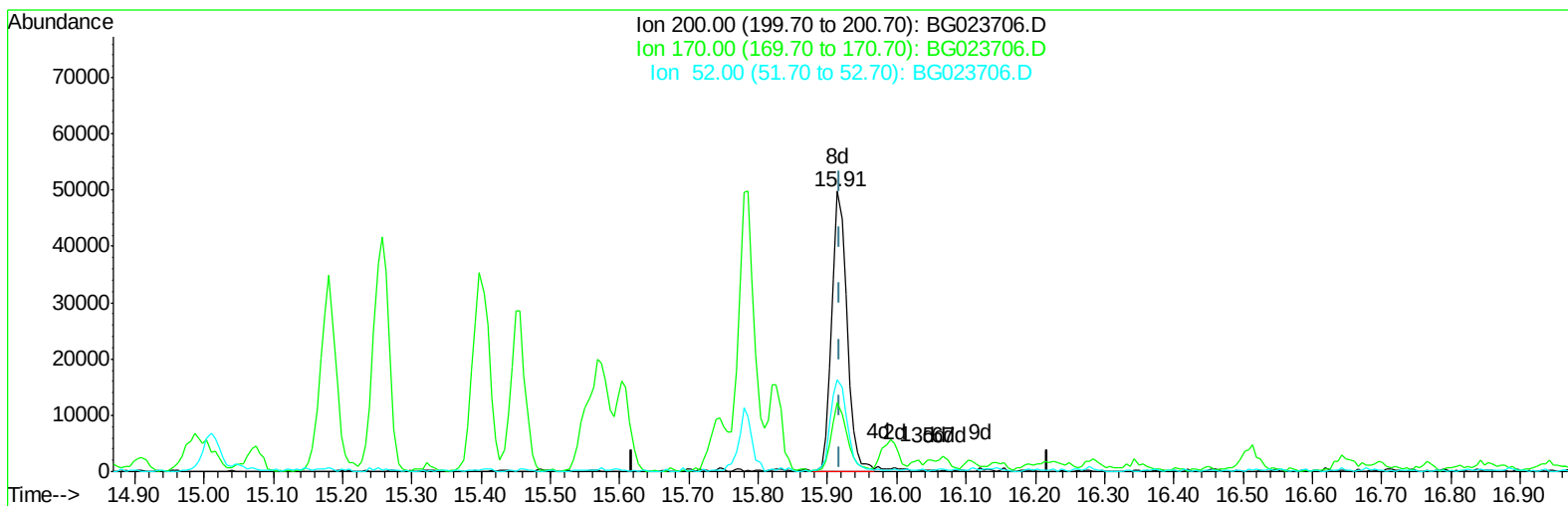
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

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

15.914min (-0.005) 19.32ng/ul m

response 76241

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	24.60#
52.00	32.20	32.68
0.00	0.00	0.00

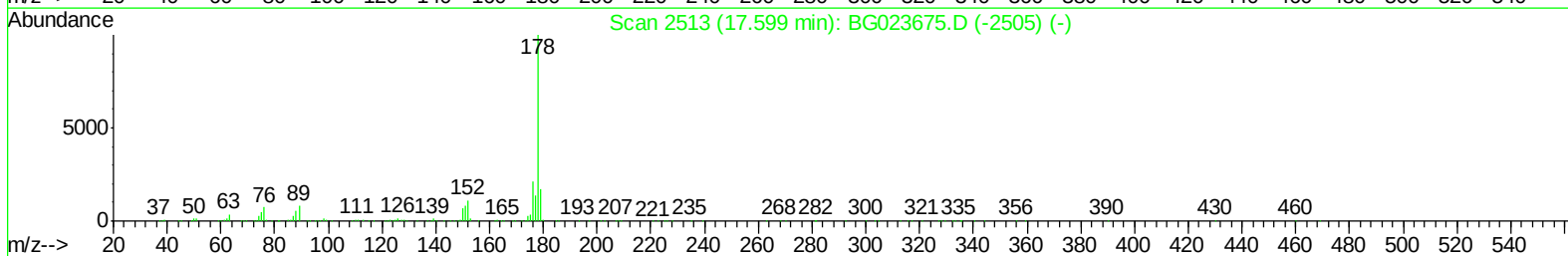
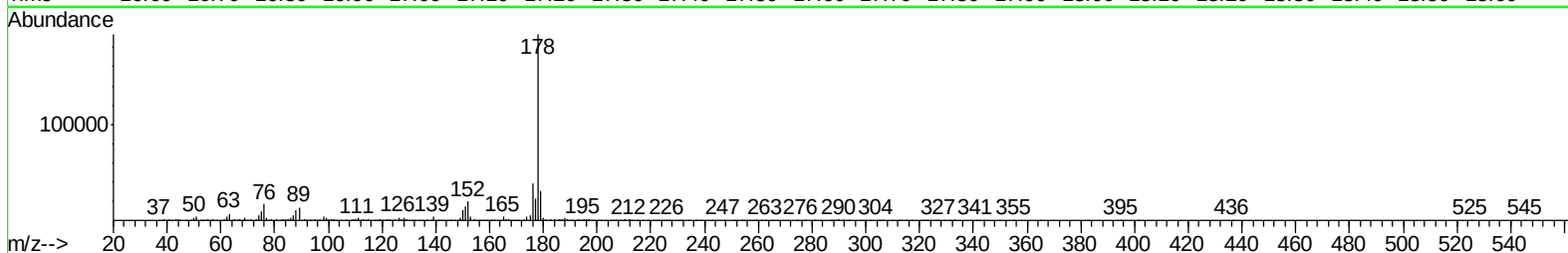
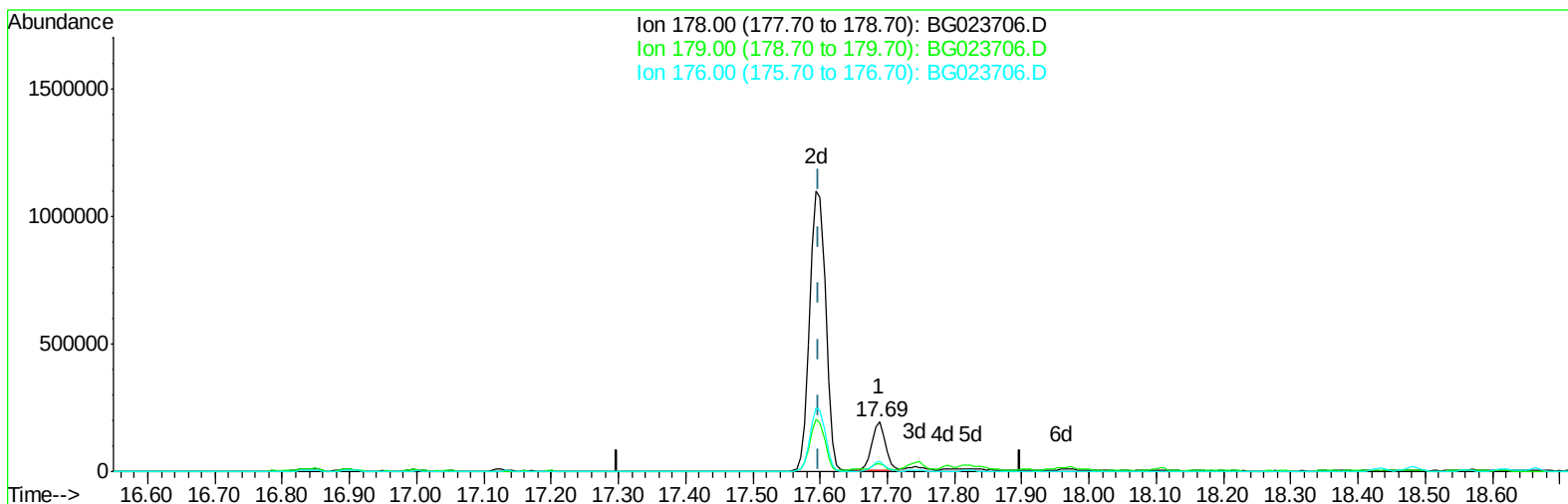
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023706.D
 Acq On : 14 Aug 2016 2:40
 Operator : UM/SJ
 Sample : H4385-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0206-01

Manual Integrations
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umangi
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Quant Time: Aug 15 11:08:17 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: BG023706.D

(69) Phenanthrene

17.689min (+0.089) 8.60ng/ul

response 274025

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.78
176.00	19.80	19.94
0.00	0.00	0.00

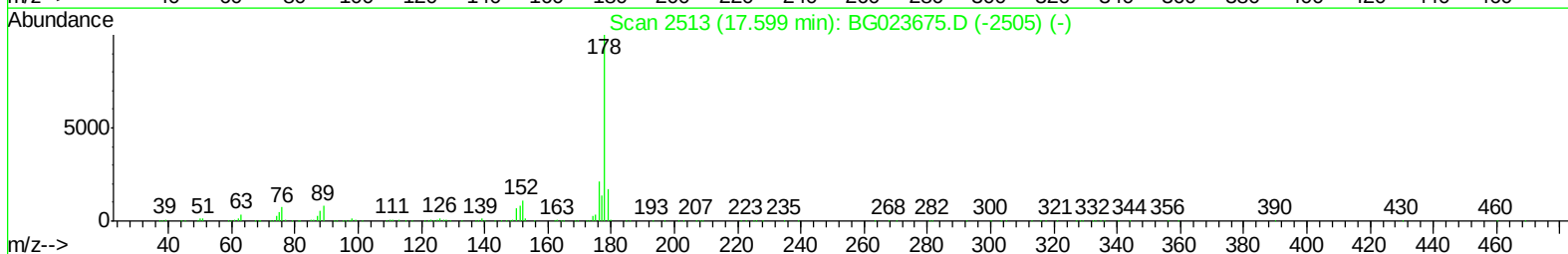
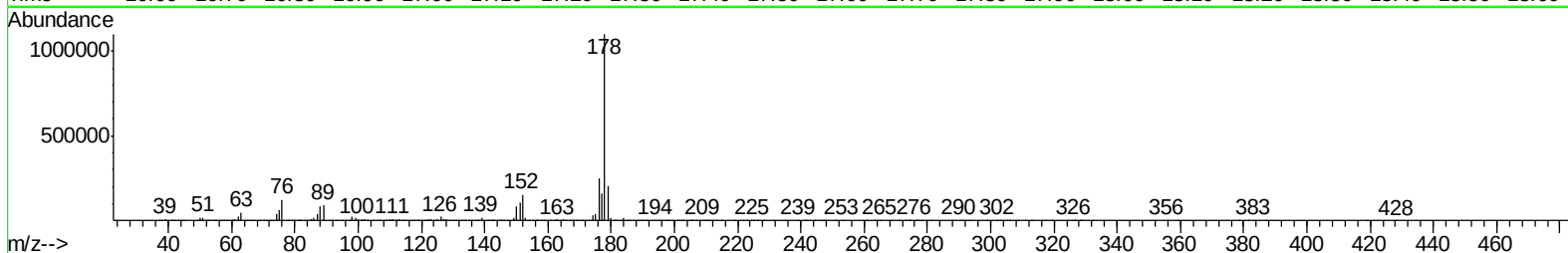
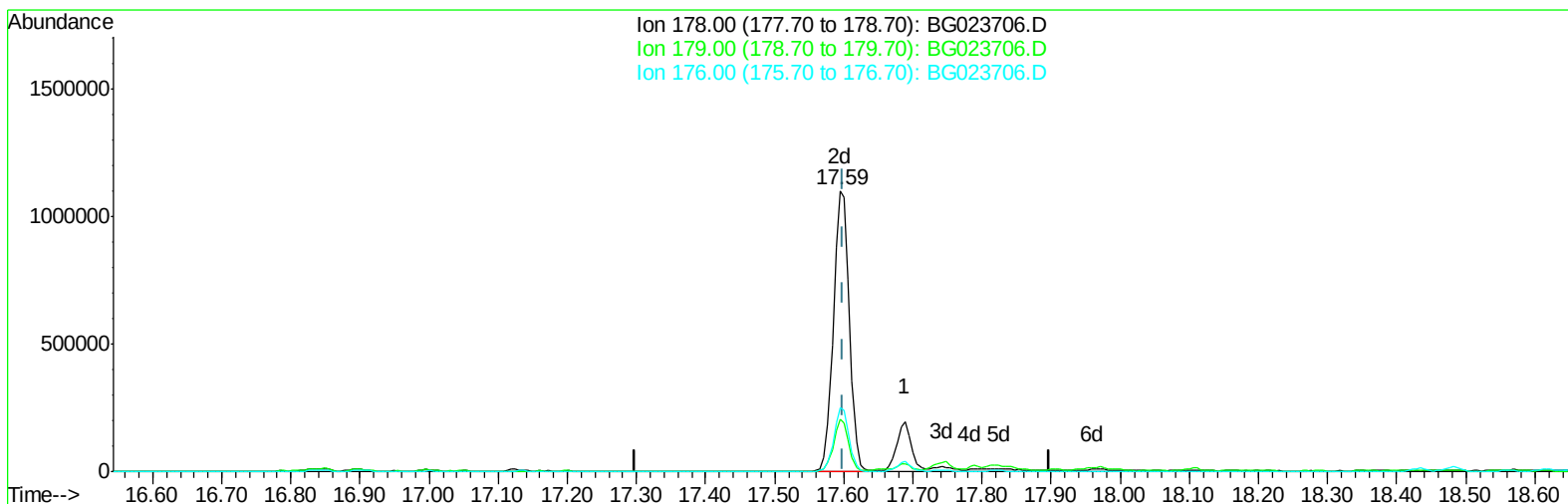
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(69) Phenanthrene

17.595min (-0.005) 56.05ng/ul m

response 1785752

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	18.55
176.00	19.80	22.93
0.00	0.00	0.00

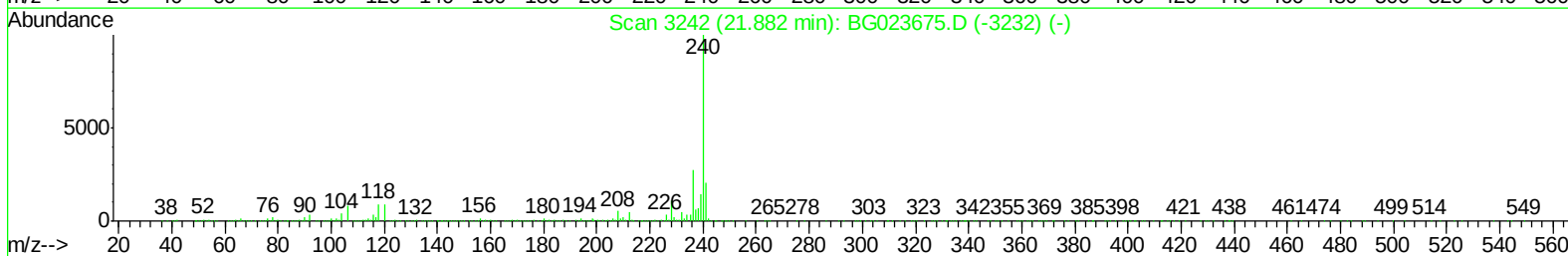
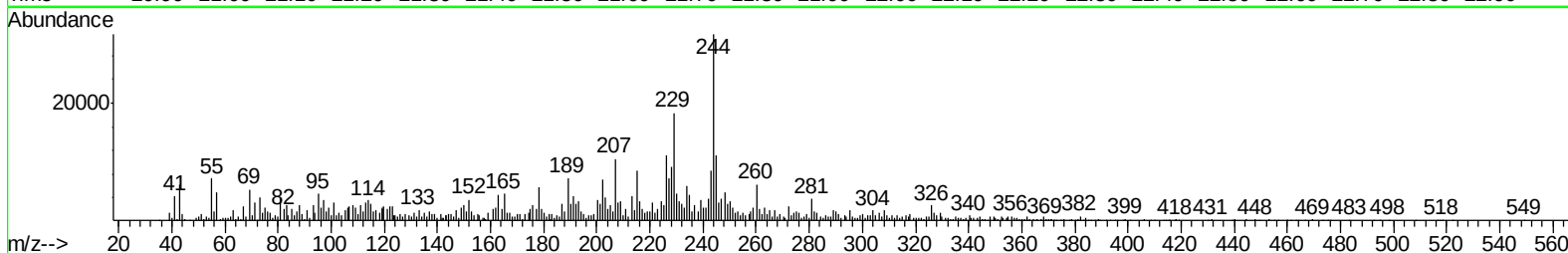
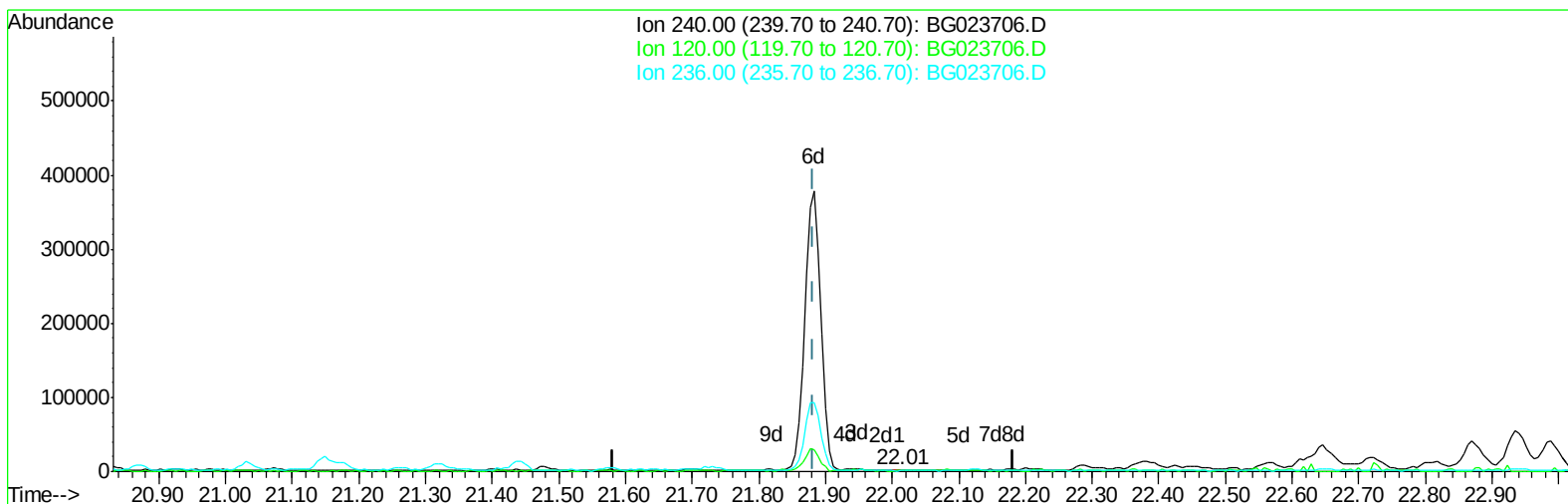
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(75) Chrysene-d12 (I)

22.012min (+0.131) 20.00ng/ul

response 922

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	108.54#
236.00	26.10	74.69#
0.00	0.00	0.00

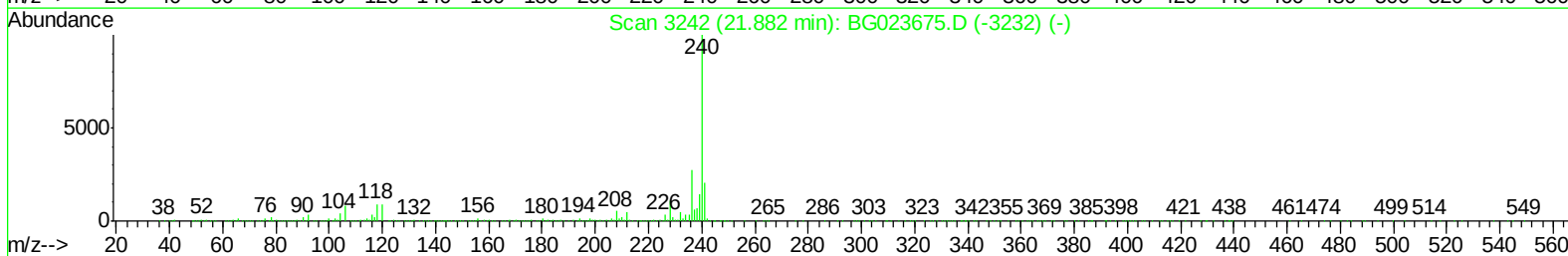
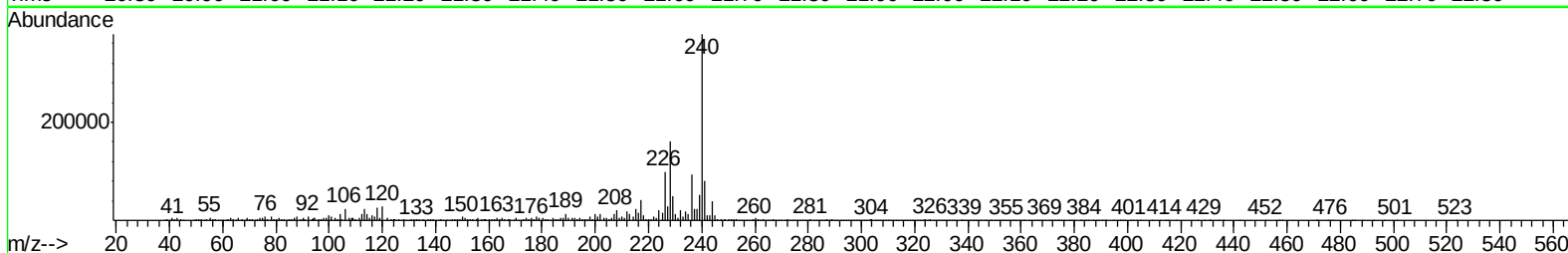
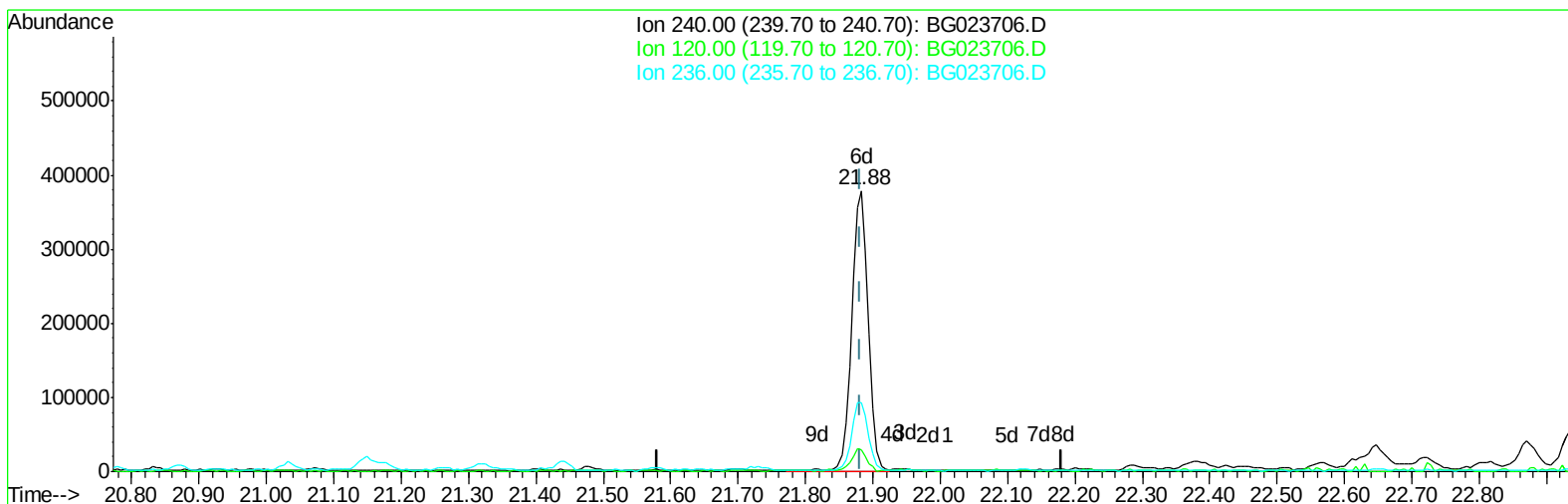
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(75) Chrysene-d12 (I)

21.883min (+0.001) 20.00ng/ul m

response 661426

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	7.58#
236.00	26.10	24.69
0.00	0.00	0.00

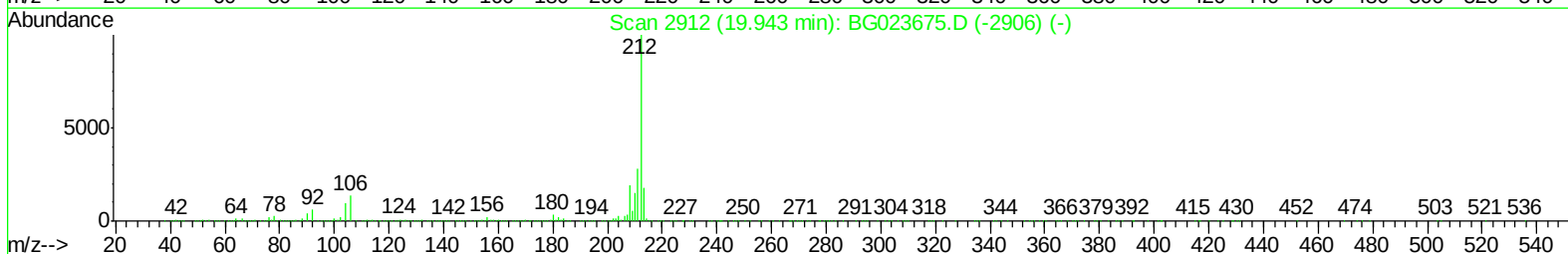
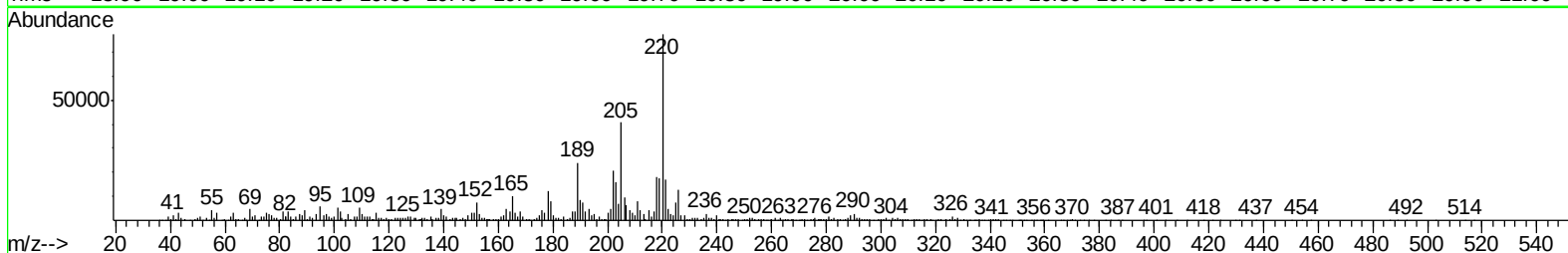
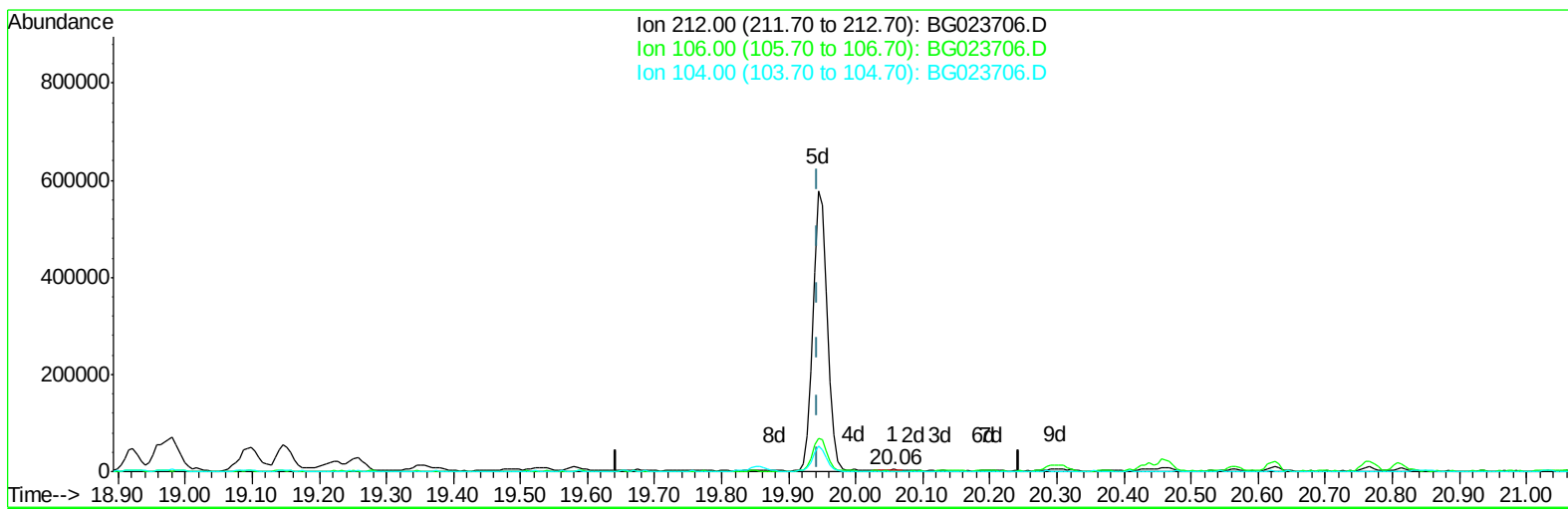
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(76) Pyrene-d10 (S)

20.056min (+0.113) 0.11ng/ul

response 3687

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	17.47
104.00	11.70	22.34#
0.00	0.00	0.00

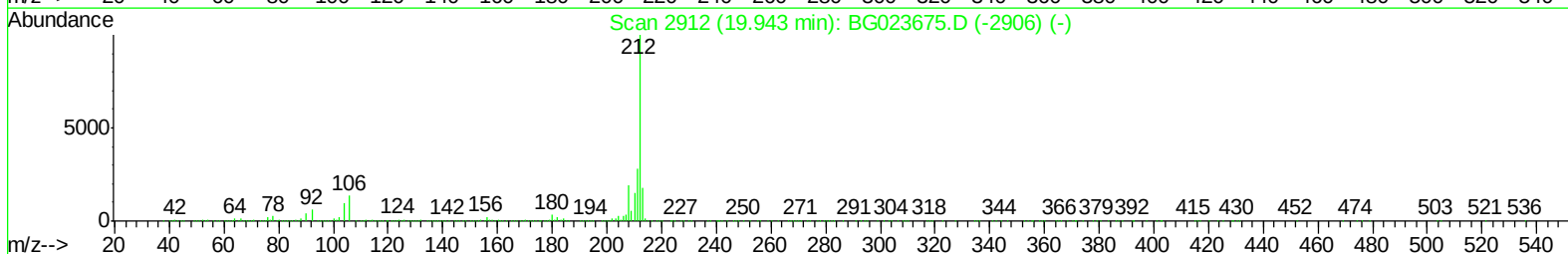
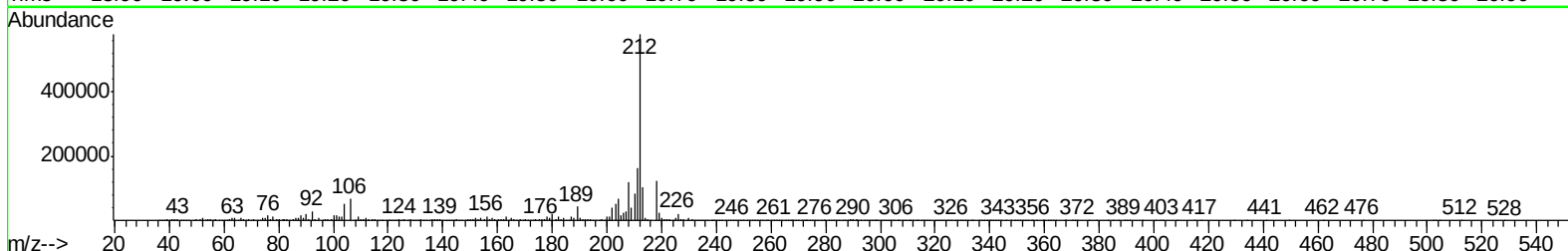
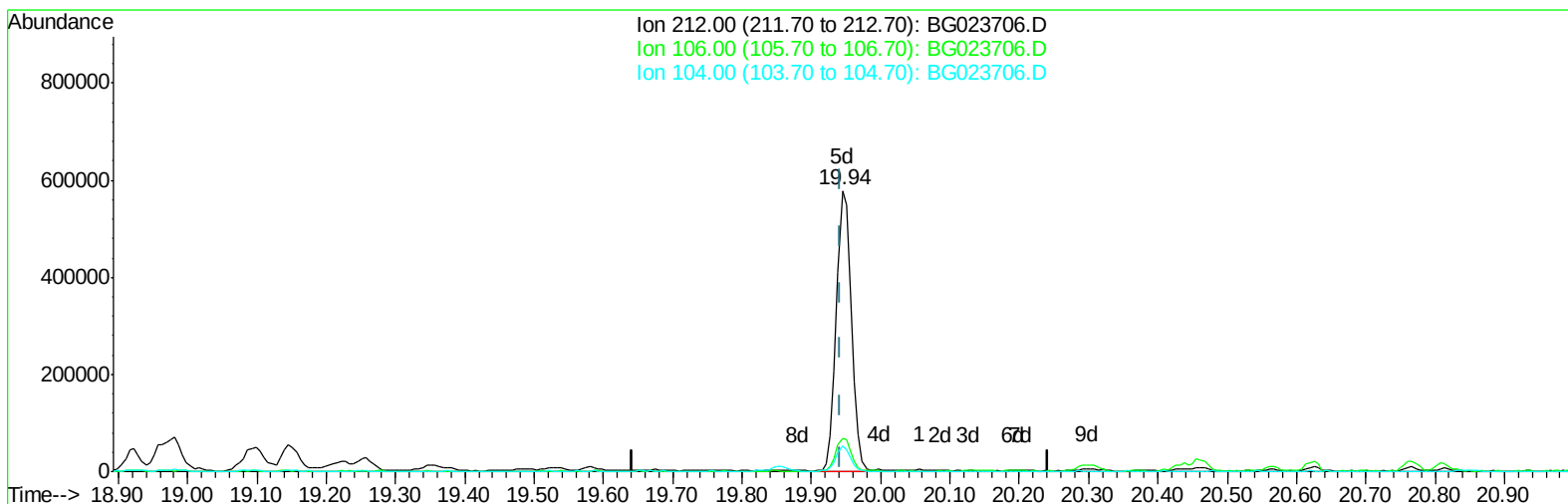
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(76) Pyrene-d10 (S)

19.944min (+0.001) 26.26ng/ul m

response 879216

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	11.67#
104.00	11.70	8.97#
0.00	0.00	0.00

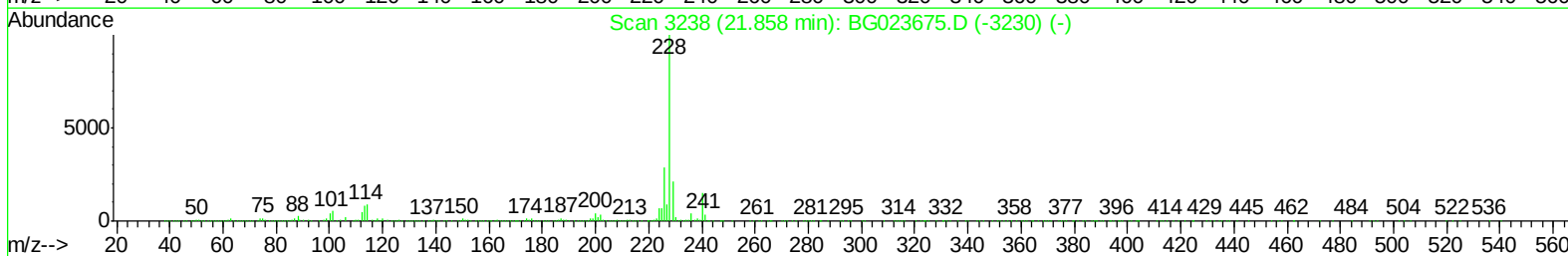
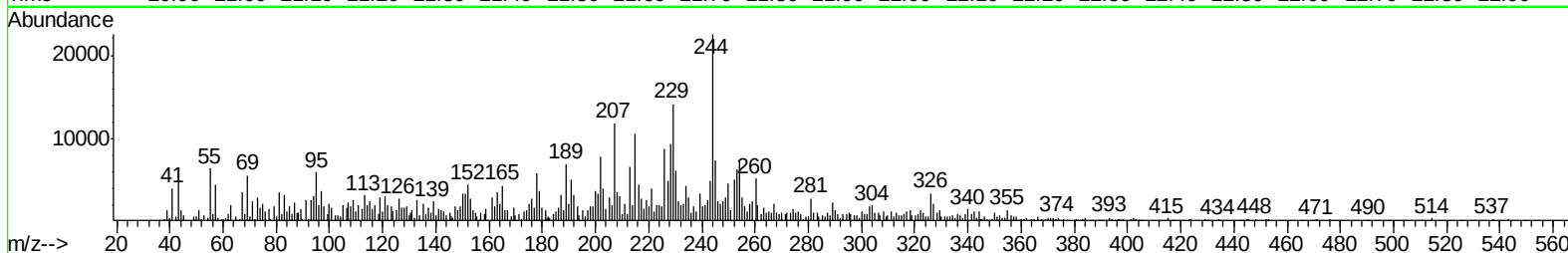
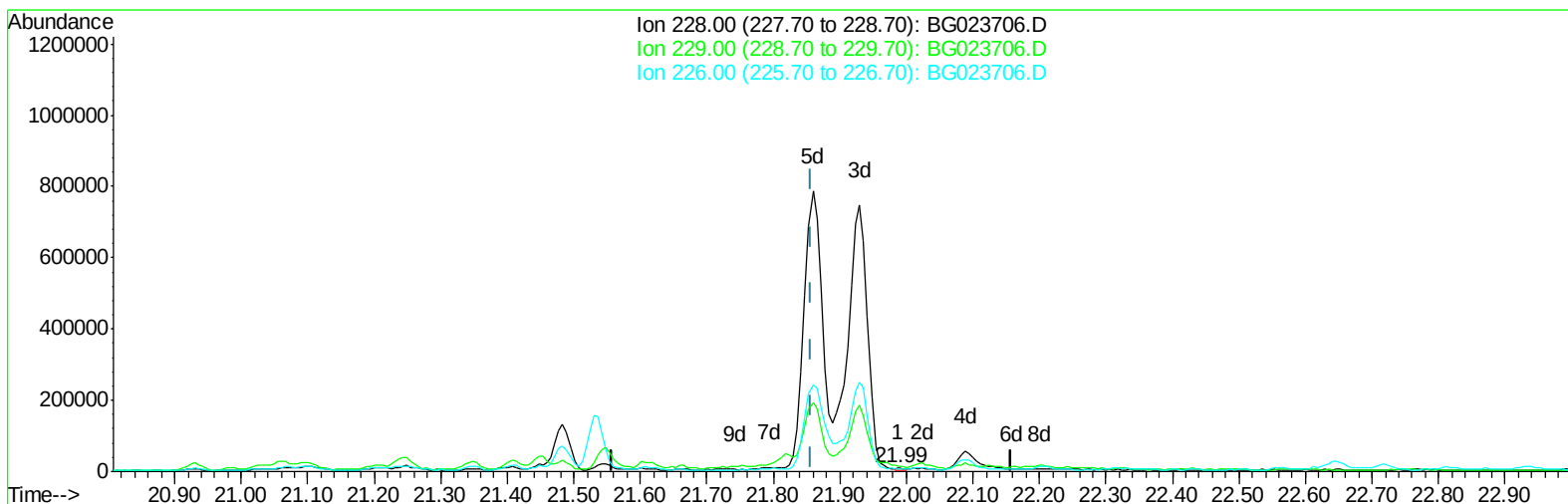
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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umangi
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023706.D

(80) Benzo(a)anthracene
21.989min (+0.131) 0.09ng/ul

response 3236

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	150.48#
226.00	28.50	92.50#
0.00	0.00	0.00

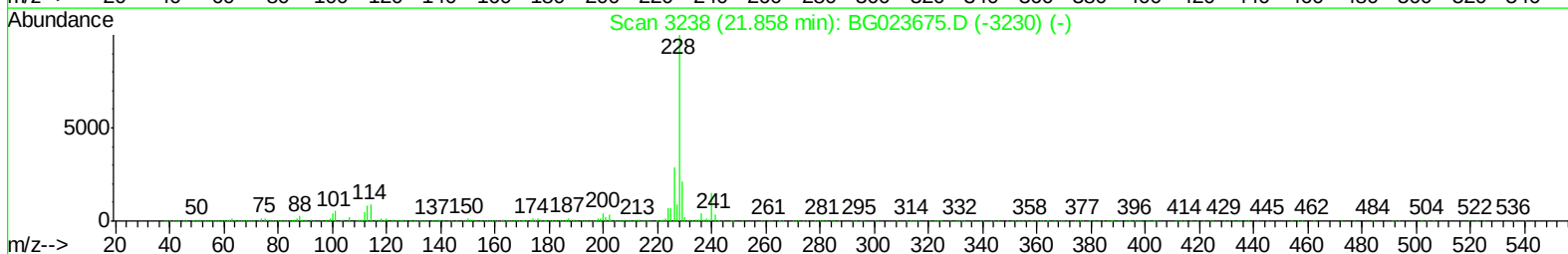
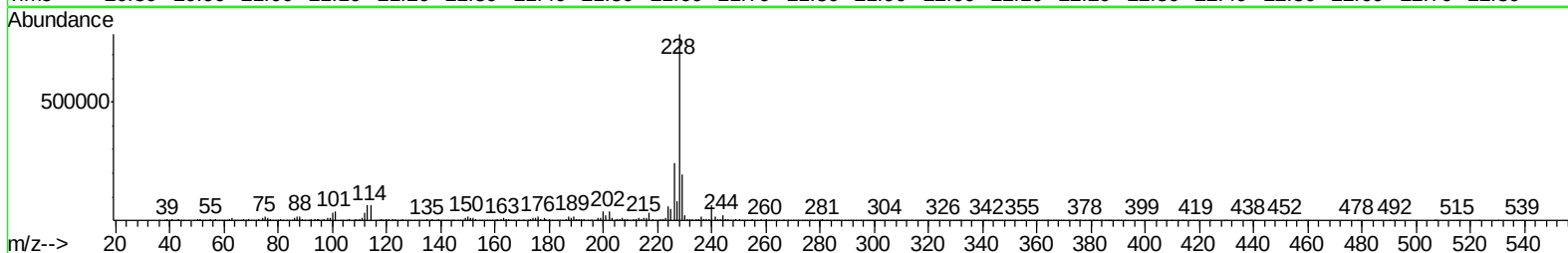
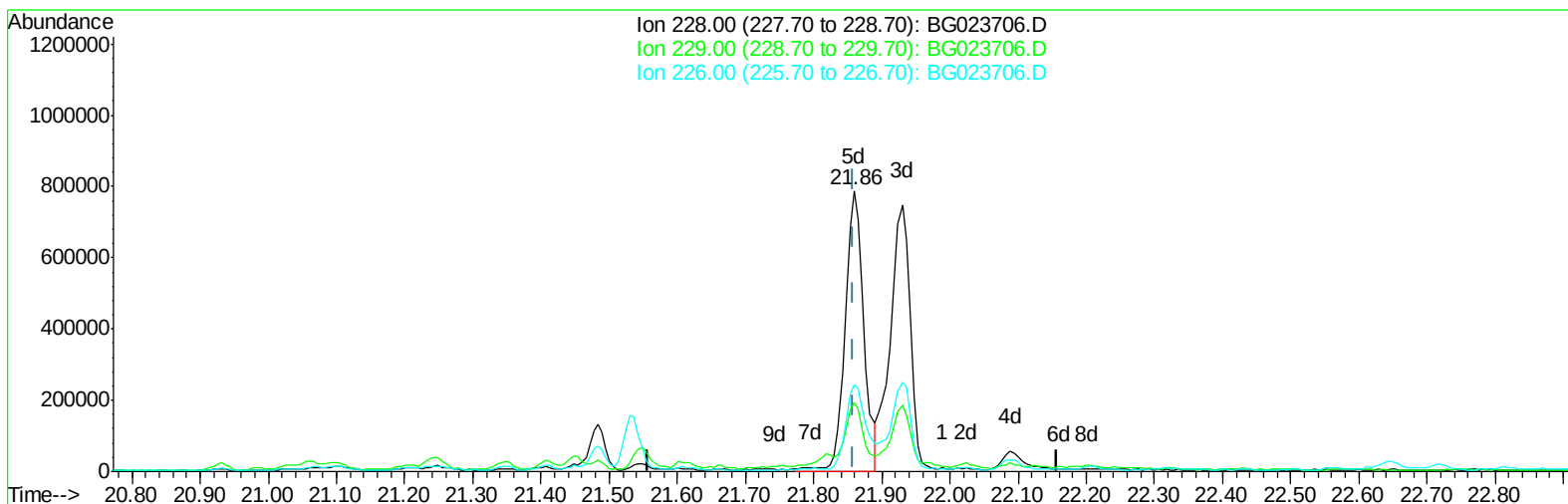
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(80) Benzo(a)anthracene

21.859min (+0.001) 40.86ng/ul m

response 1521817

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	24.53#
226.00	28.50	30.89
0.00	0.00	0.00

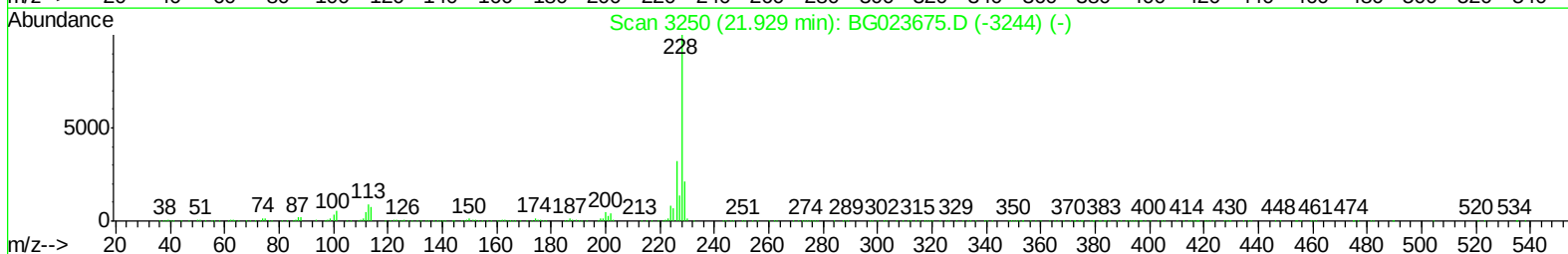
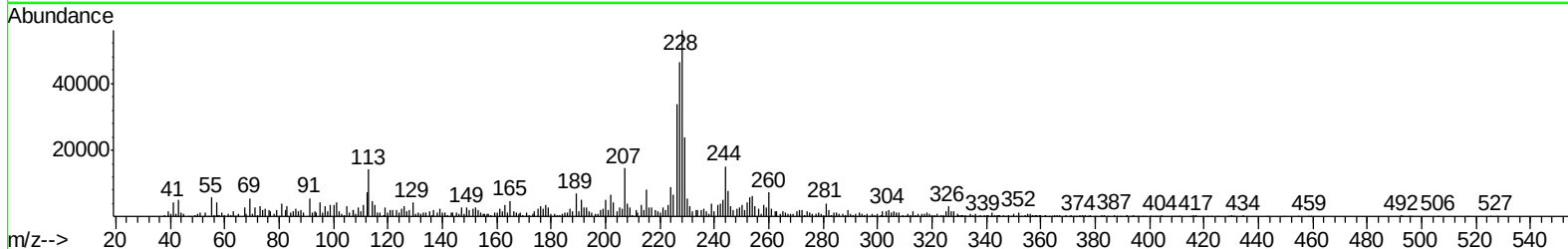
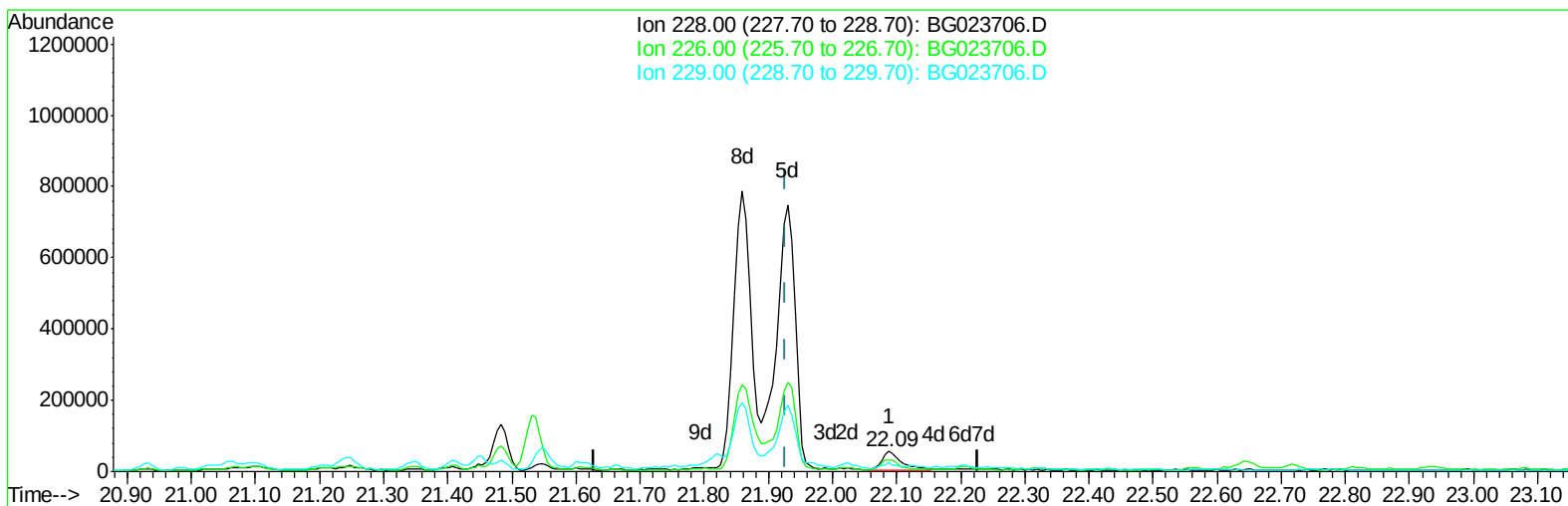
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023706.D
 Acq On : 14 Aug 2016 2:40
 Operator : UM/SJ
 Sample : H4385-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0206-01

Manual Integrations
 APPROVED

umangi
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Quant Time: Aug 15 11:08:17 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: BG023706.D

(82) Chrysene

22.088min (+0.160) 3.22ng/ul

response 109026

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	60.28#
229.00	18.80	42.75#
0.00	0.00	0.00

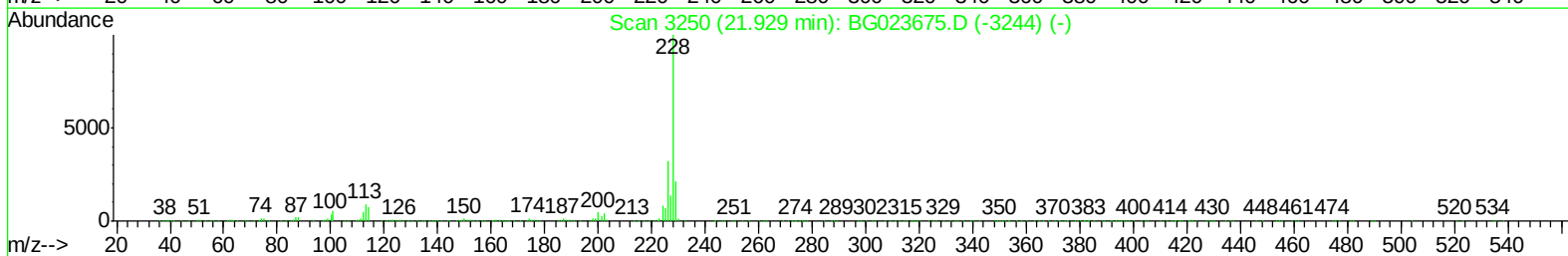
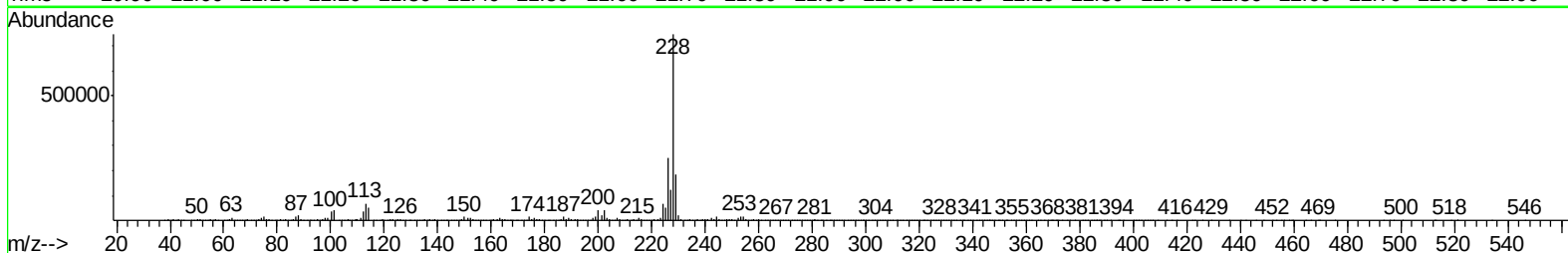
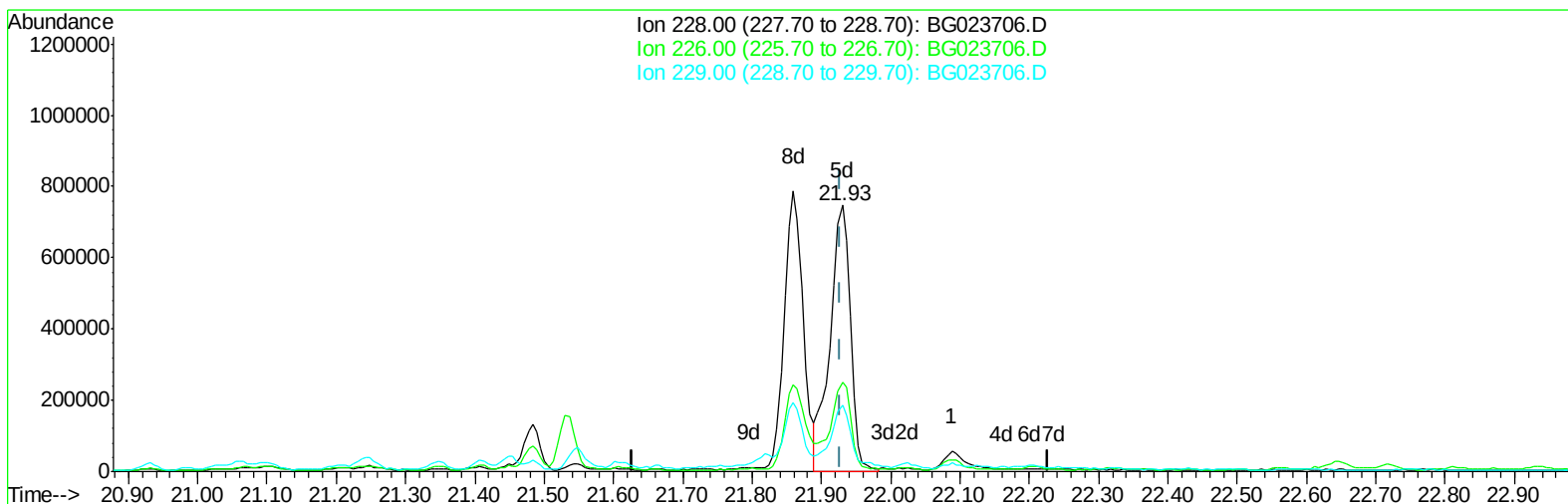
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:08:17 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: BG023706.D

(82) Chrysene

21.930min (+0.001) 45.32ng/ul m

response 1534830

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	33.64
229.00	18.80	24.87#
0.00	0.00	0.00

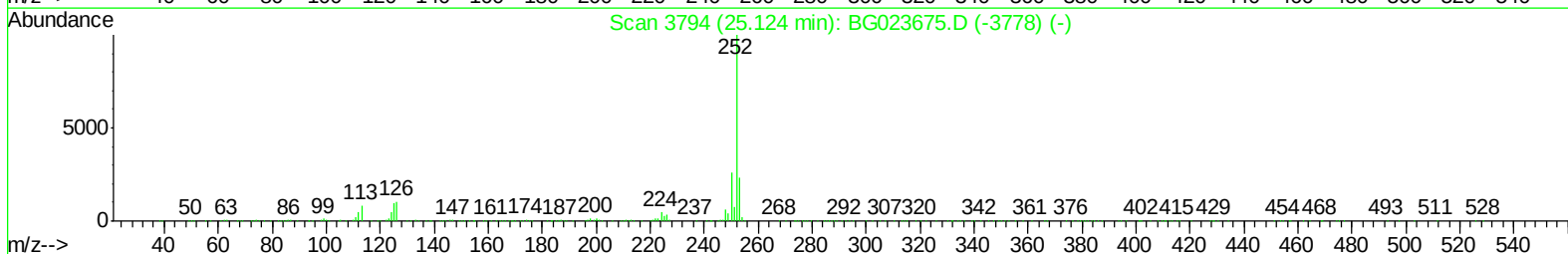
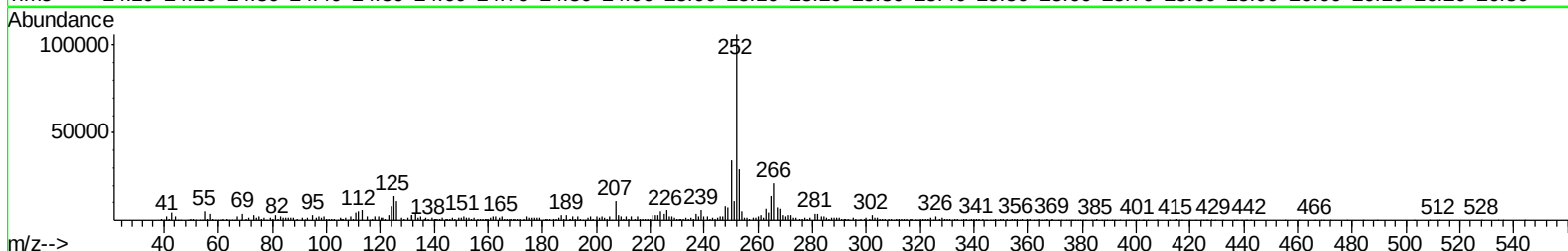
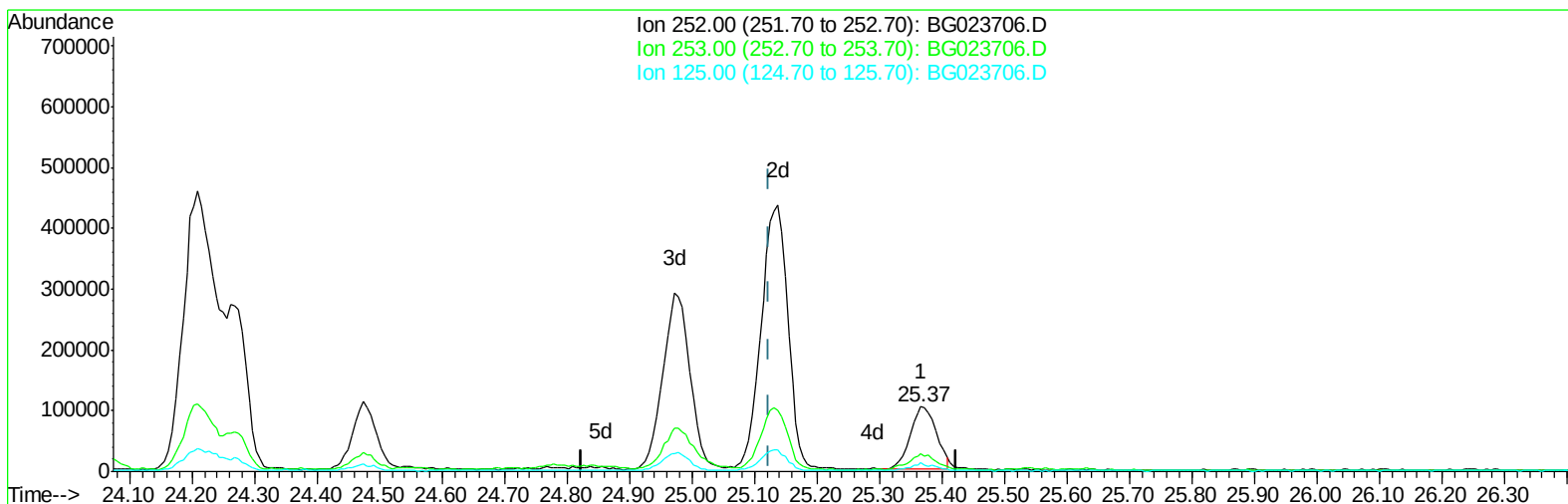
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(88) Benzo(a)pyrene (C)

25.366min (+0.242) 8.21ng/ul

response 295281

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	27.30
125.00	15.00	13.41
0.00	0.00	0.00

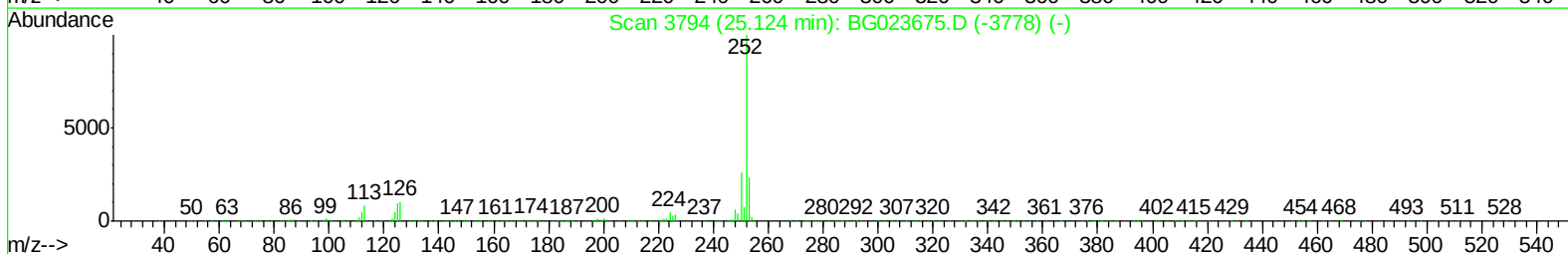
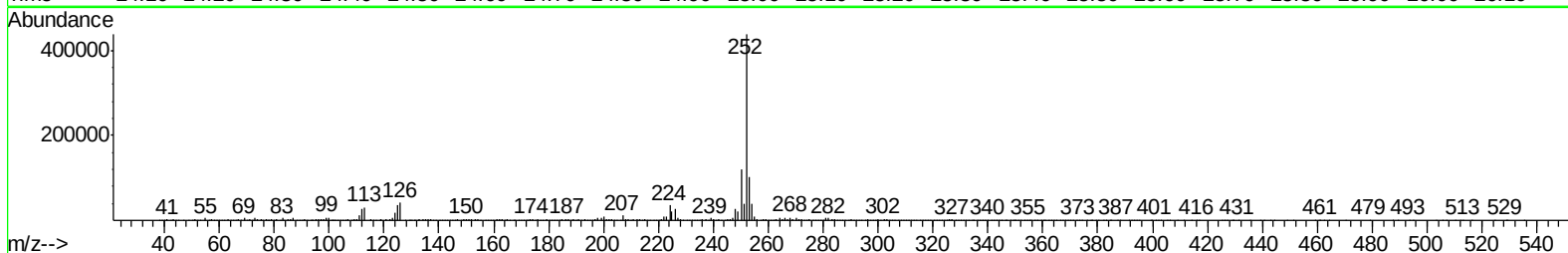
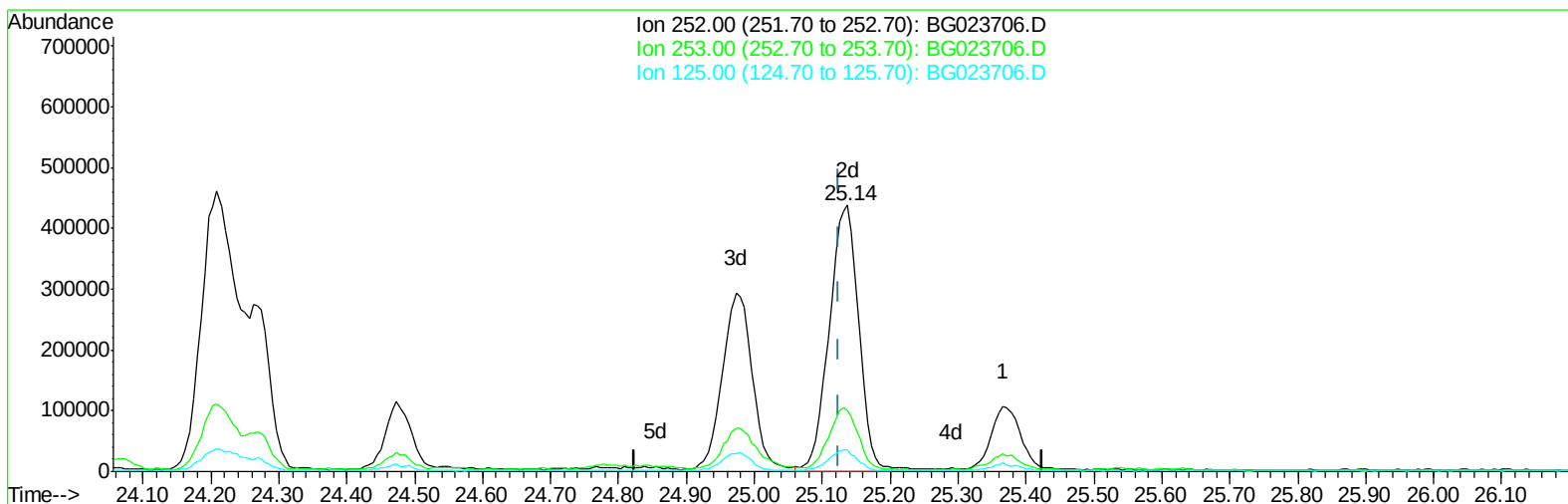
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(88) Benzo(a)pyrene (C)

25.137min (+0.013) 36.73ng/ul m

response 1321758

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.23
125.00	15.00	8.21#
0.00	0.00	0.00

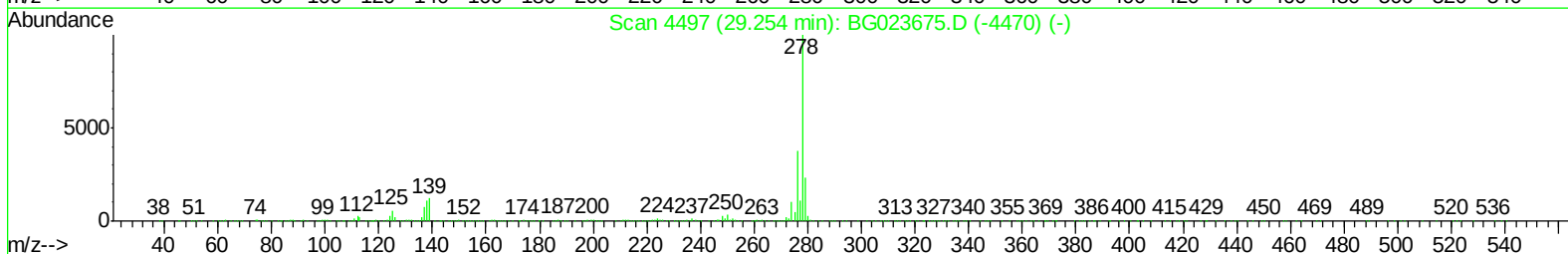
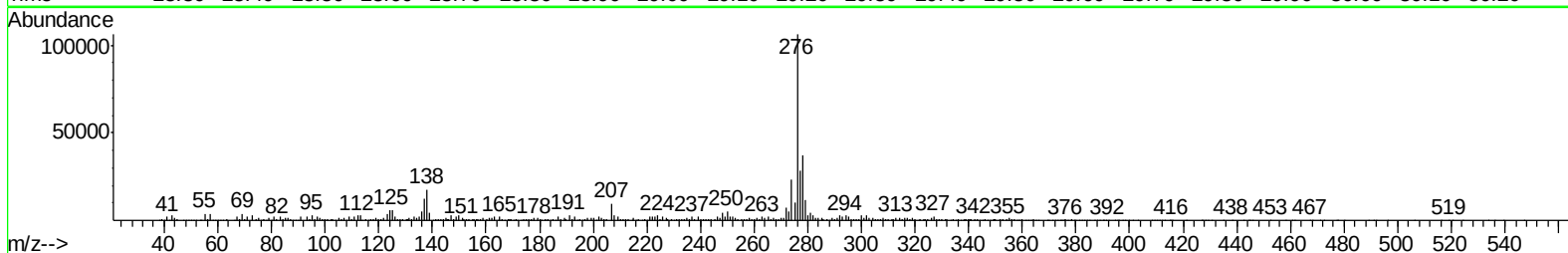
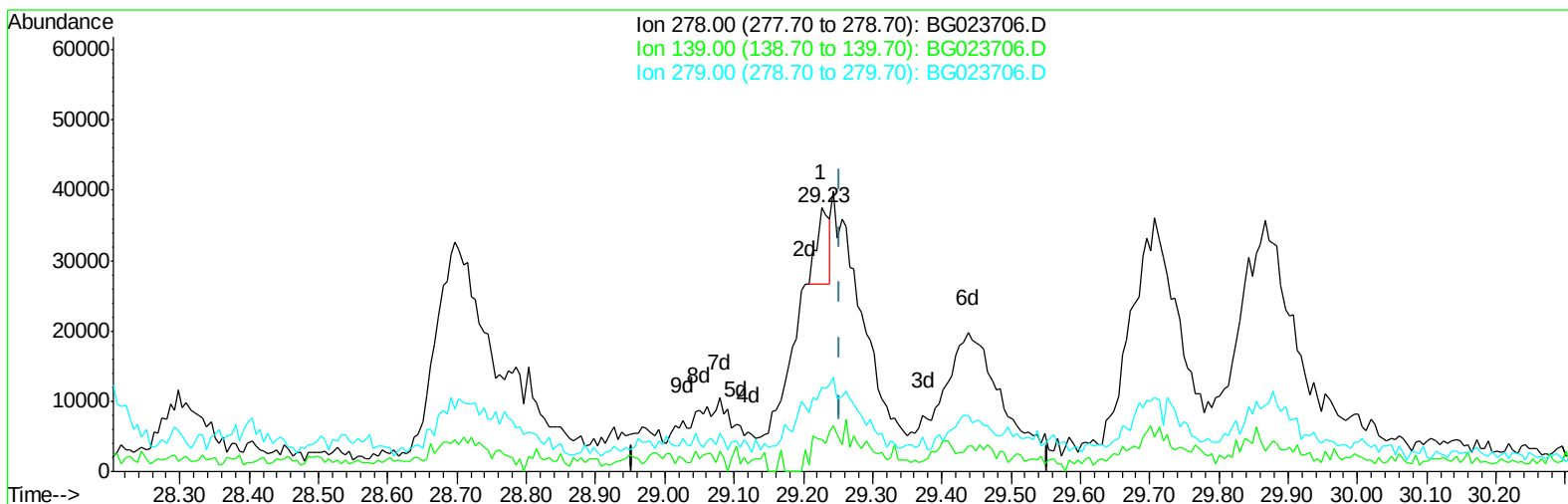
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(90) Dibenzo(a,h)anthracene

29.226min (-0.028) 0.39ng/ul

response 14003

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	11.87#
279.00	23.90	31.87#
0.00	0.00	0.00

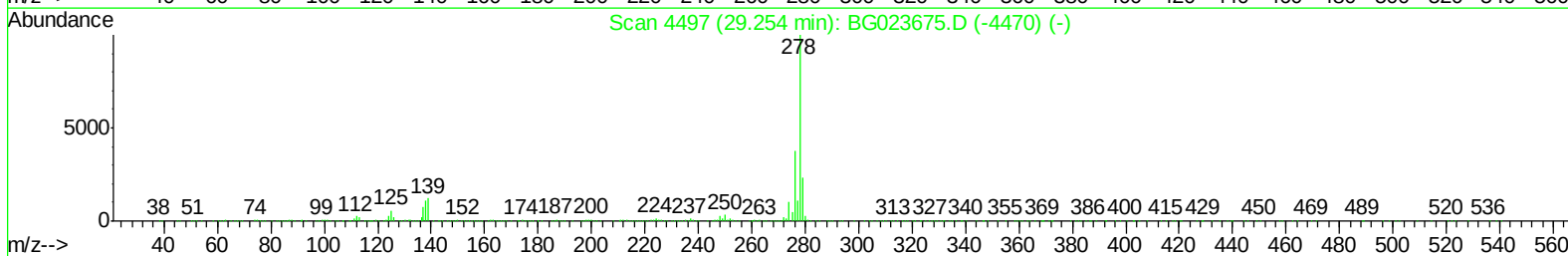
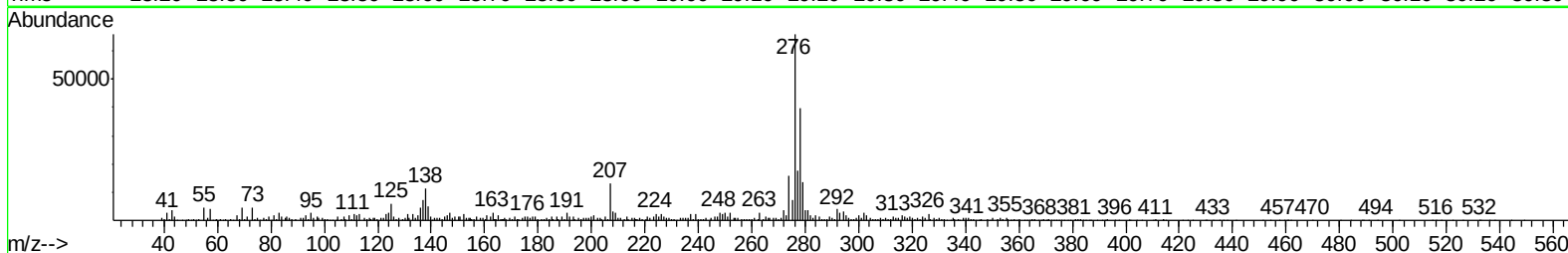
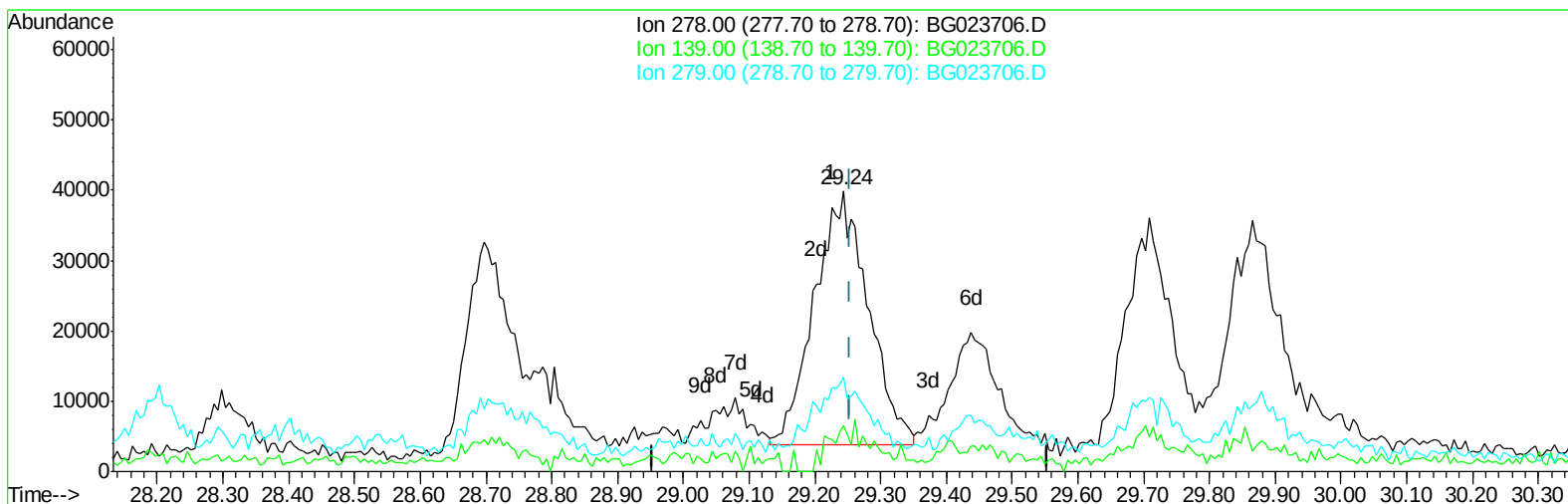
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 15 11:08:17 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: BG023706.D

(90) Dibenzo(a,h)anthracene

29.244min (-0.010) 5.75ng/ul m

response 207409

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	12.47#
279.00	23.90	33.77#
0.00	0.00	0.00

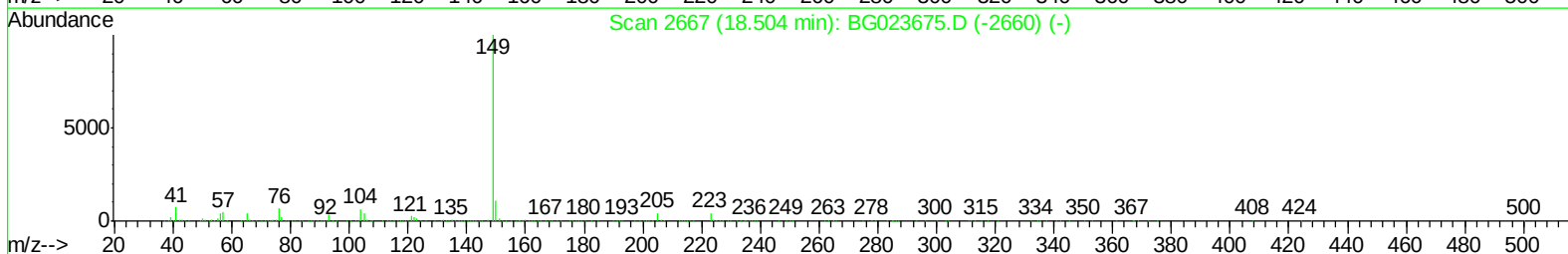
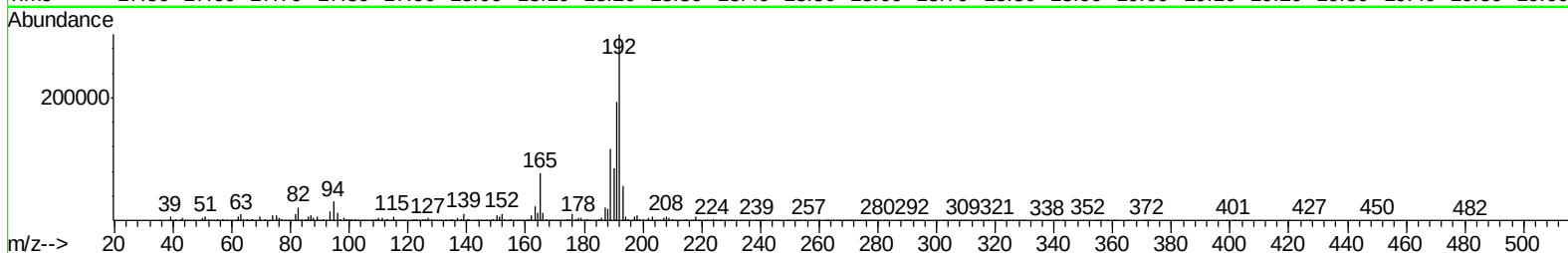
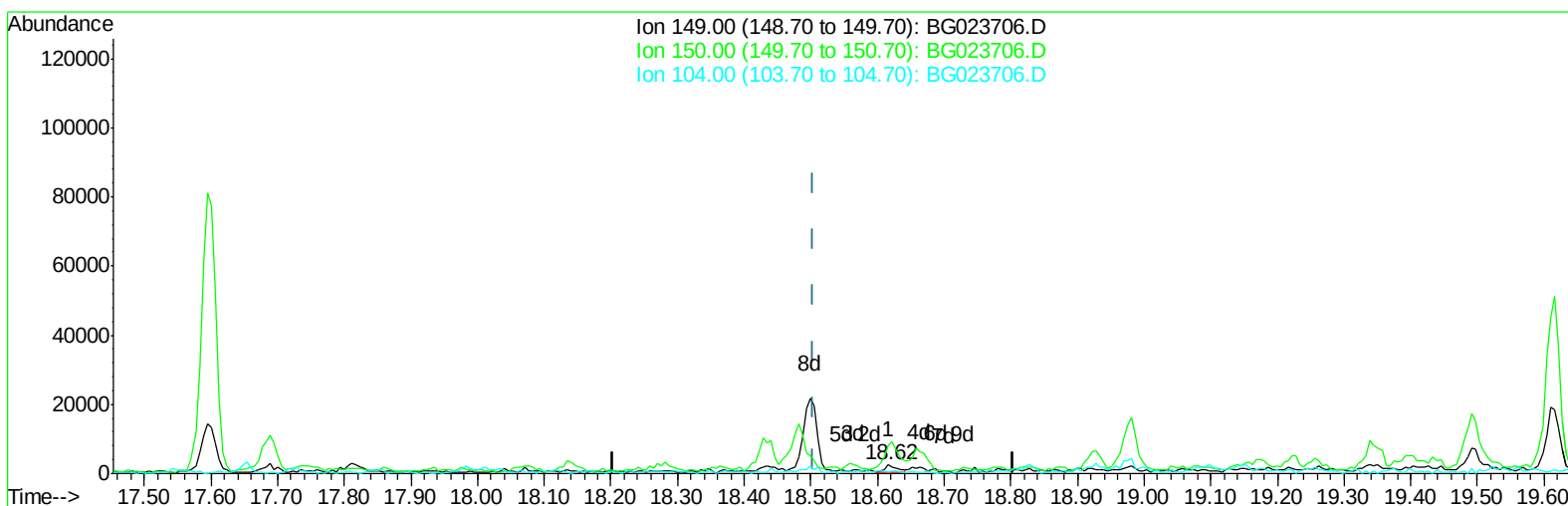
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
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Quant Time: Aug 16 10:58:20 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: BG023706.D

(73) Di-n-butylphthalate

18.617min (+0.113) 0.09ng/ul

response 2801

Ion	Exp%	Act%
149.00	100	100
150.00	8.90	333.72#
104.00	4.10	10.78#
0.00	0.00	0.00

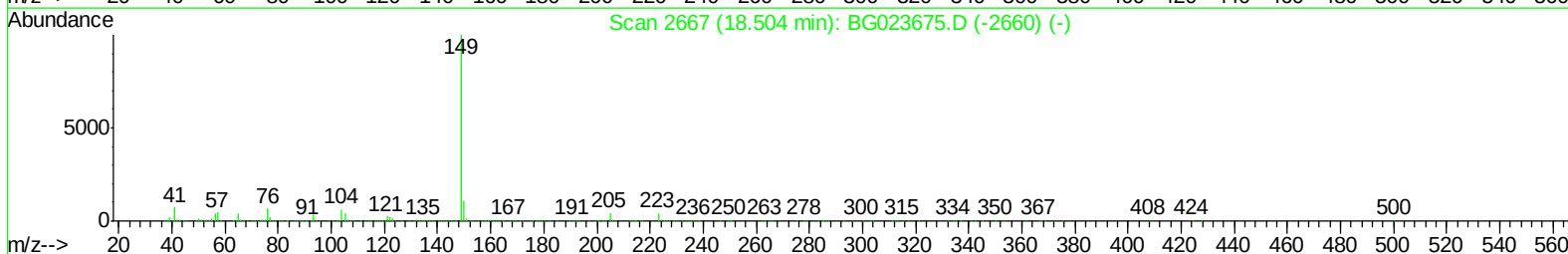
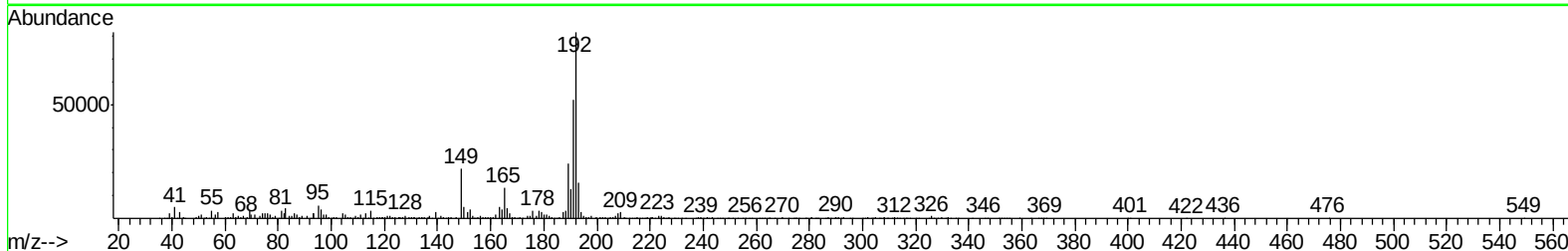
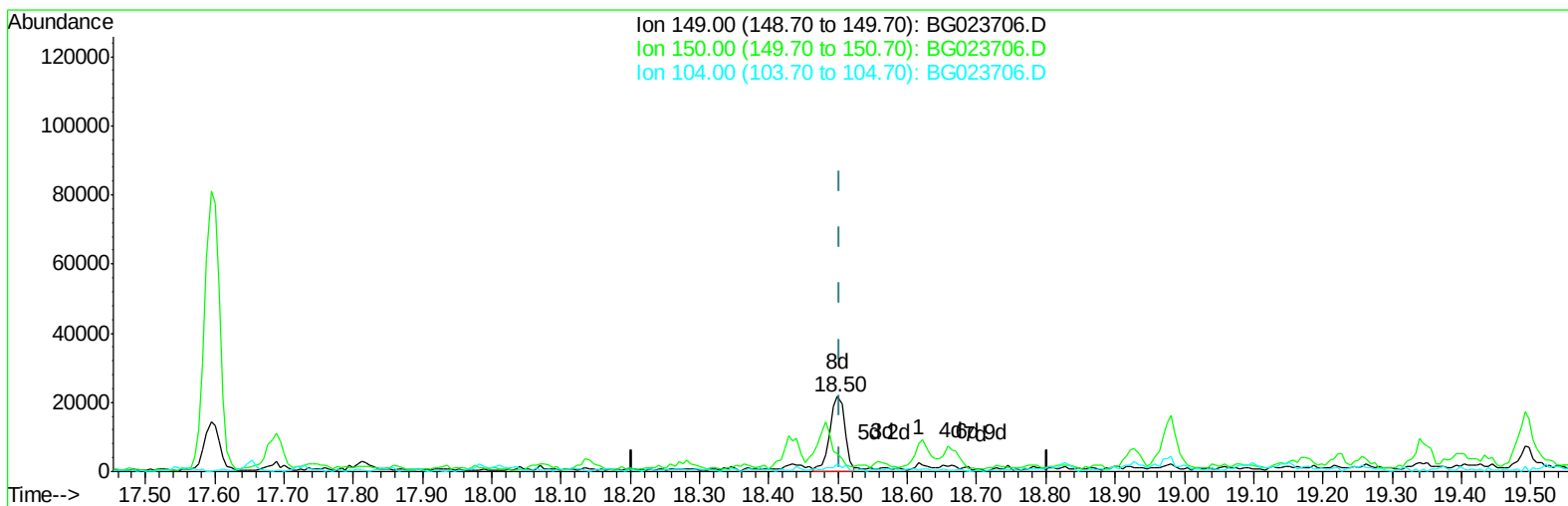
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 16 10:58:20 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: BG023706.D

(73) Di-n-butylphthalate

18.499min (-0.005) 1.00ng/ul m

response 32849

Ion	Exp%	Act%
149.00	100	100
150.00	8.90	23.08#
104.00	4.10	10.45#
0.00	0.00	0.00

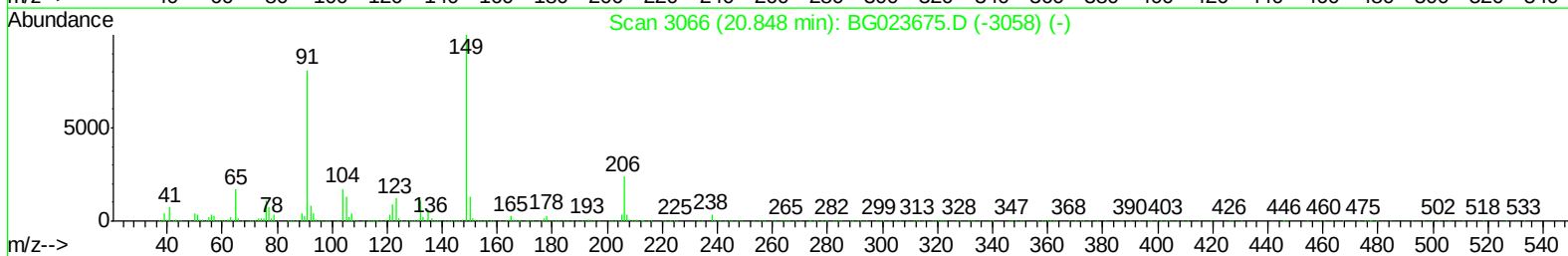
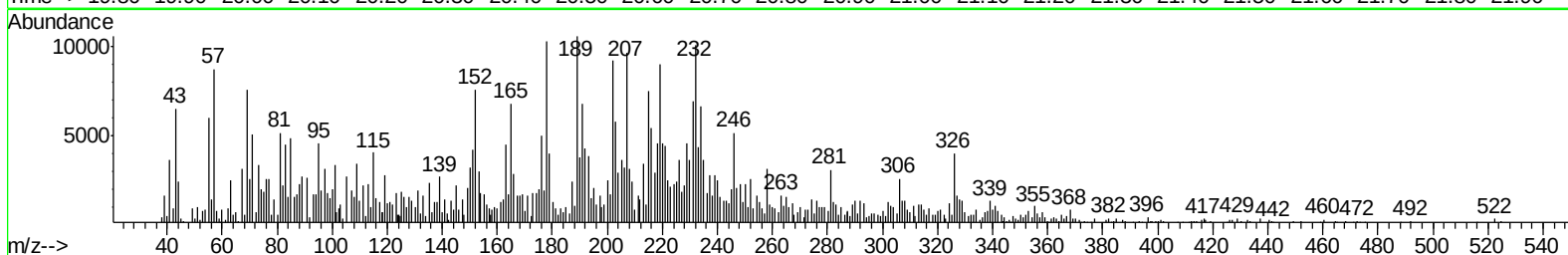
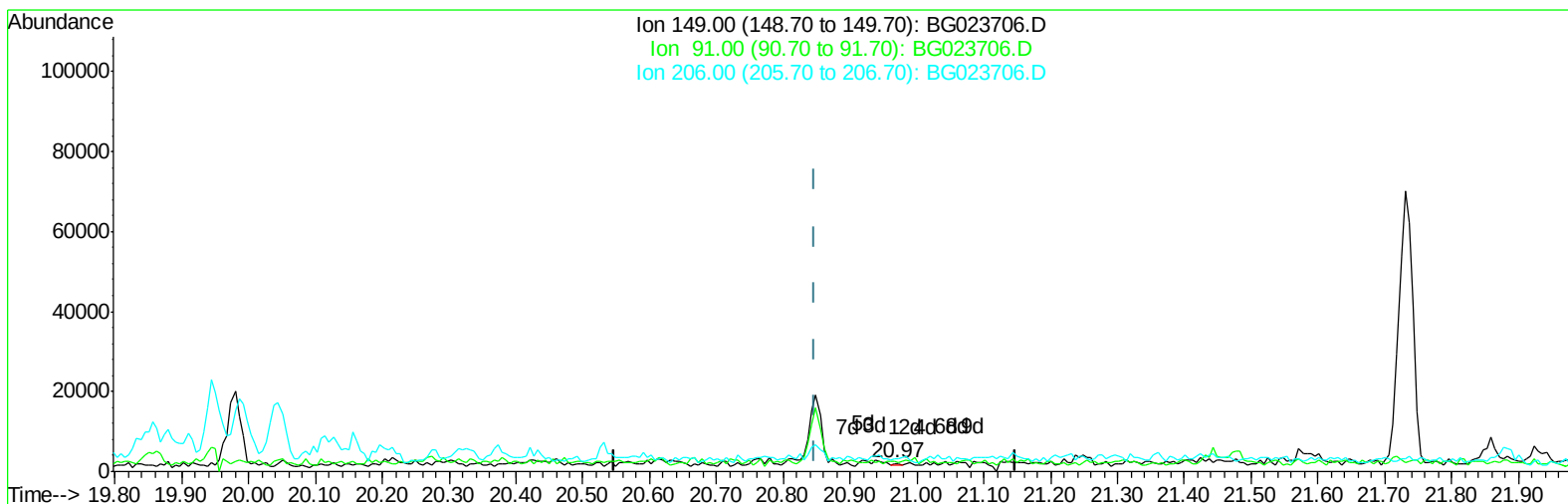
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023706.D
 Acq On : 14 Aug 2016 2:40
 Operator : UM/SJ
 Sample : H4385-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0206-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:55 PM

Quant Time: Aug 16 10:58:20 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: BG023706.D

(78) Butylbenzylphthalate
 20.966min (+0.119) 0.02ng/ul

response 275

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	129.35#
206.00	17.60	155.10#
0.00	0.00	0.00

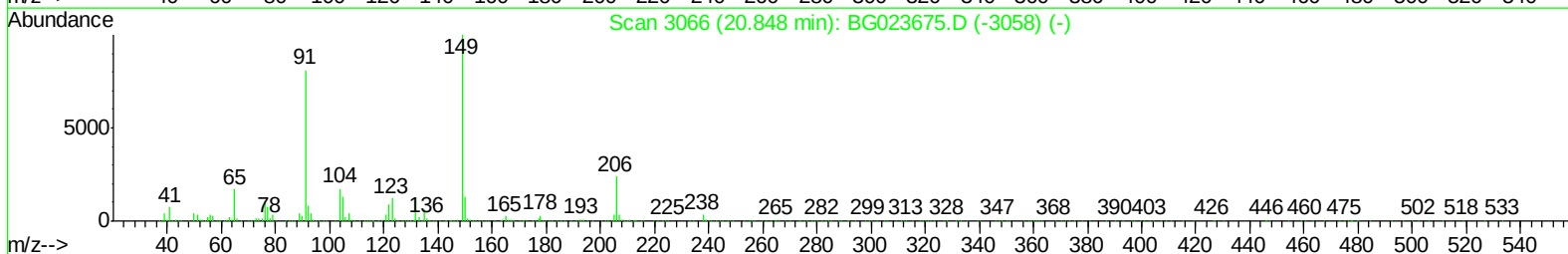
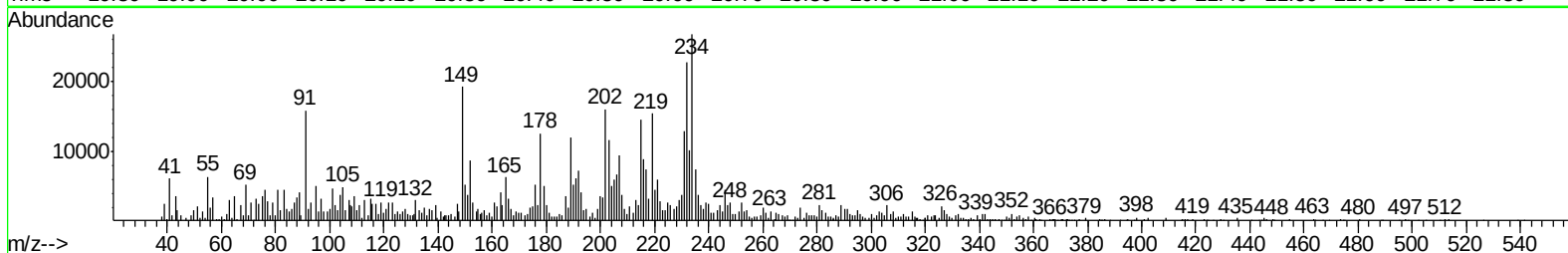
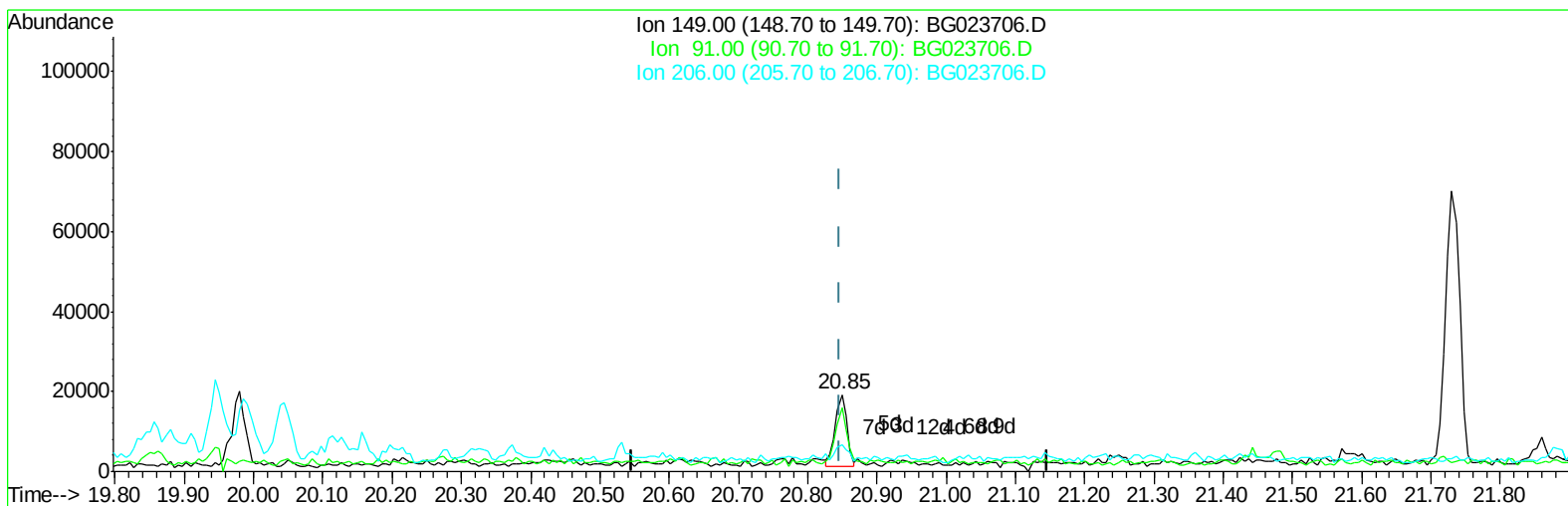
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023706.D
 Acq On : 14 Aug 2016 2:40
 Operator : UM/SJ
 Sample : H4385-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0206-01

Manual Integrations
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Quant Time: Aug 16 10:58:20 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: BG023706.D

(78) Butylbenzylphthalate

20.849min (+0.001) 1.31ng/ul m

response 20536

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	82.62#
206.00	17.60	35.07#
0.00	0.00	0.00

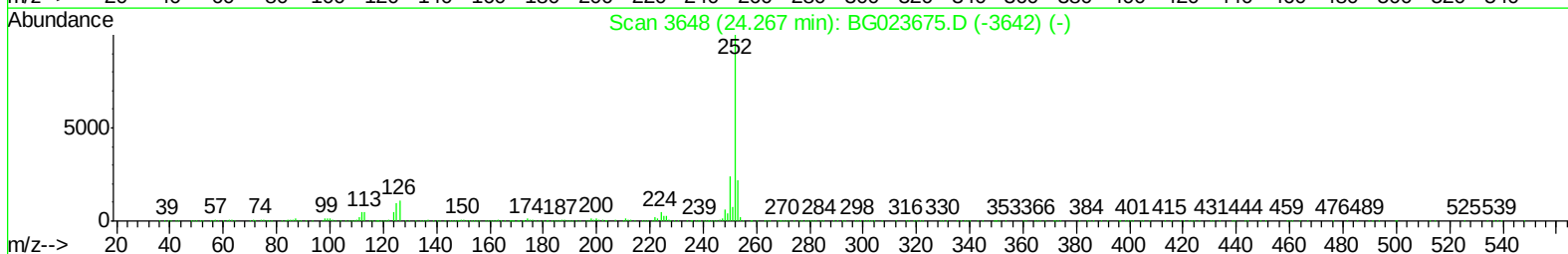
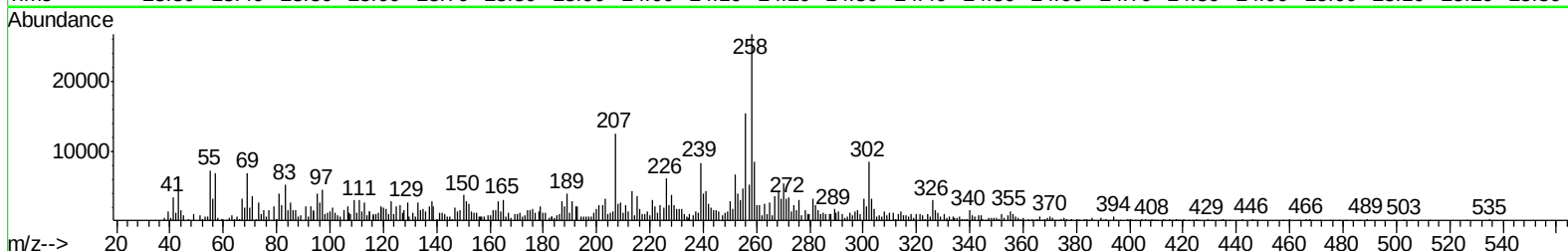
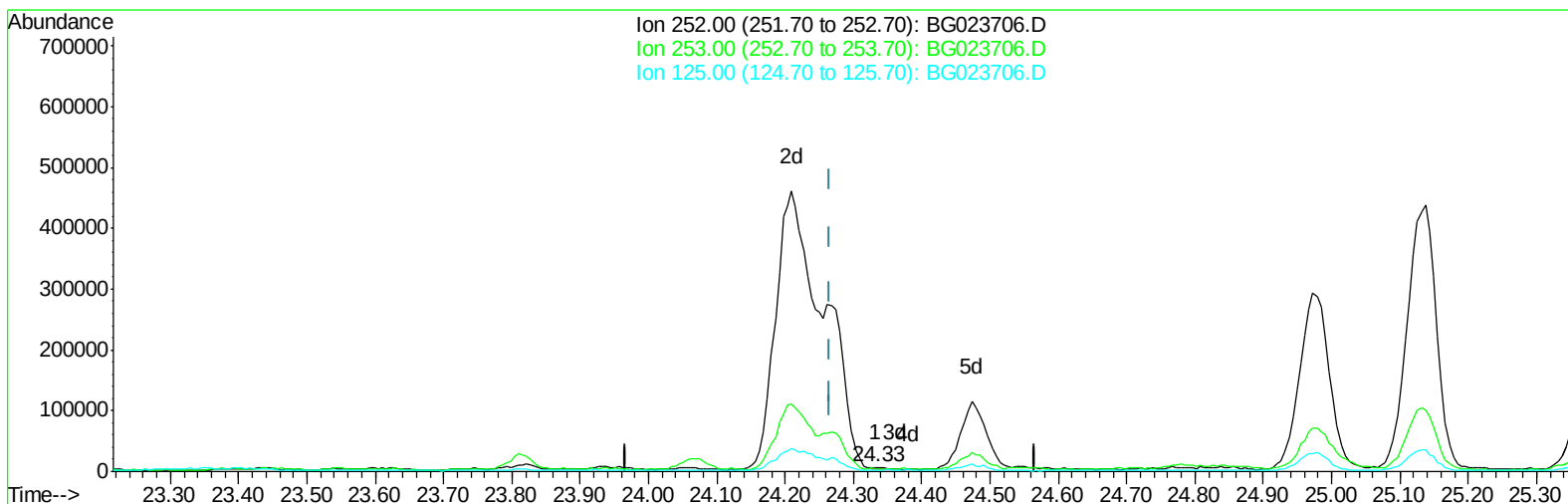
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
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8/16/2016 6:59:55 PM

Quant Time: Aug 16 10:58:20 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: BG023706.D

(86) Benzo(k)fluoranthene

24.333min (+0.066) 0.05ng/ul

response 1721

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	60.17#
125.00	13.30	30.71#
0.00	0.00	0.00

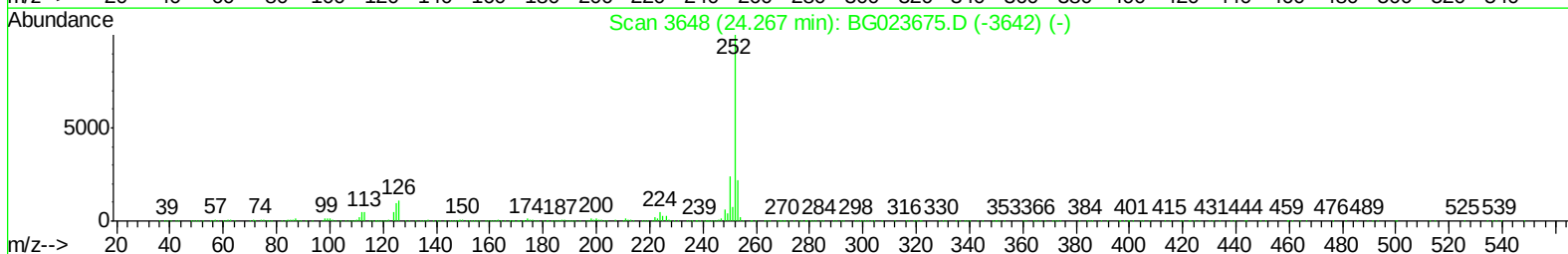
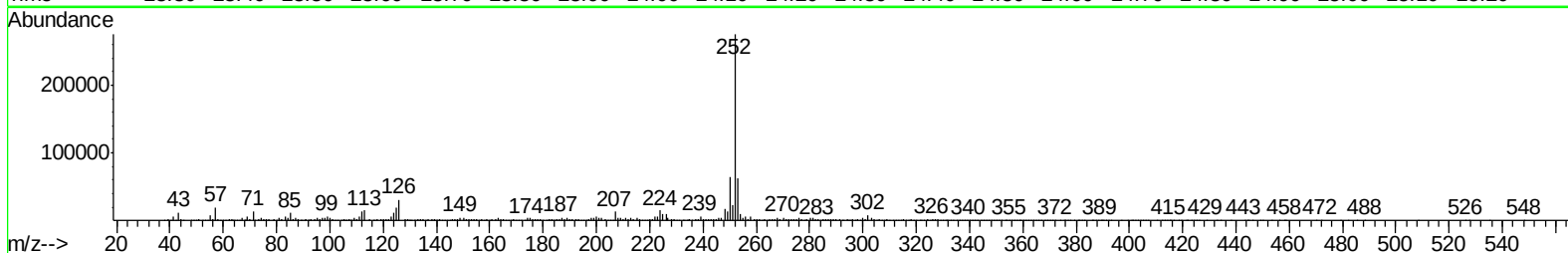
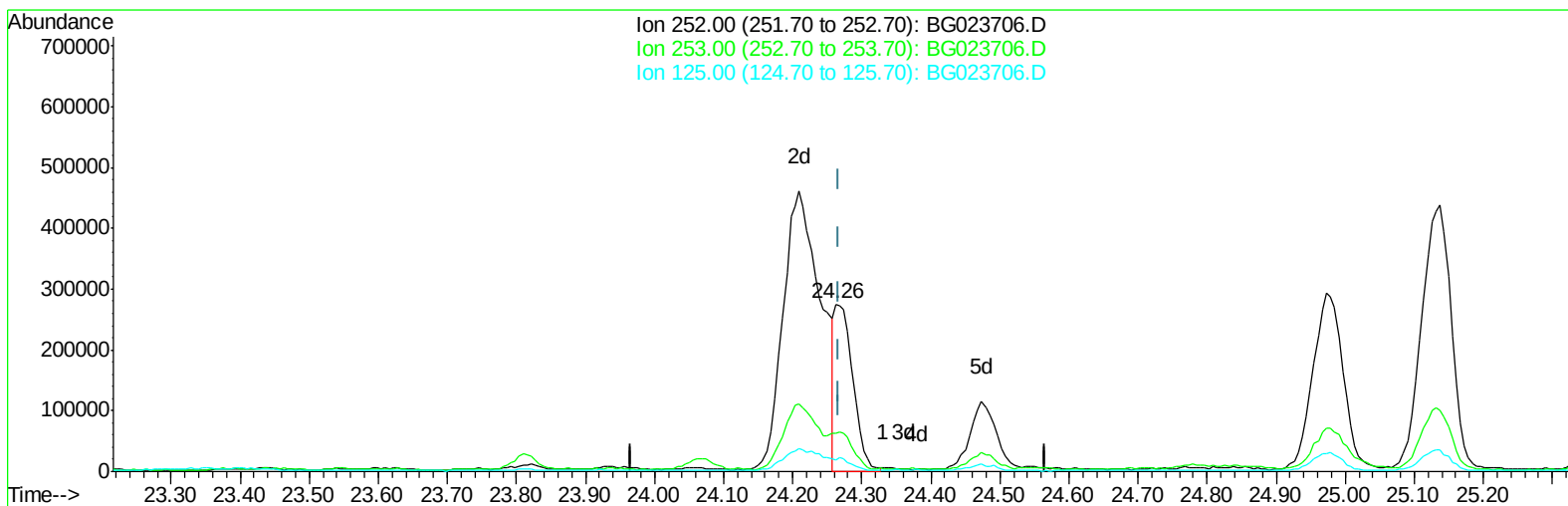
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
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8/16/2016 6:59:55 PM

Quant Time: Aug 16 10:58:20 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: BG023706.D

(86) Benzo(k)fluoranthene

24.262min (-0.005) 14.18ng/ul m

response 520294

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	22.86
125.00	13.30	7.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023706.D
 Acq On : 14 Aug 2016 2:40
 Operator : UM/SJ
 Sample : H4385-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-0206-01

Manual Integrations
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Quant Time: Aug 16 11:01:50 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	8.11	152	113271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	497939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	305677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	615212m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	661426m	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	655285	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	9260	3.48	ng/uL	0.00
5) Phenol-d5	7.27	99	273846	24.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	188108	25.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	196676	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	212140	23.81	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	107541	27.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	123906	27.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	222459m	26.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	203595	20.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	676299	27.02	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	816412	28.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	91029	21.31	ng/ul	0.00
57) Fluorene-d10	15.78	176	595946	25.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	76241m	19.32	ng/ul	0.00
70) Anthracene-d10	17.65	188	802485	28.95	ng/ul	0.00
76) Pyrene-d10	19.94	212	879216m	26.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	858080	28.93	ng/ul	0.00

Target Compounds

						Ovalue
34) 2-Methylnaphthalene	12.61	142	24200	1.18	ng/ul	95
44) Dimethylphthalate	14.23	163	359389	14.50	ng/ul	99
47) Acenaphthylene	14.51	152	249807	8.48	ng/ul	98
49) Acenaphthene	14.85	153	40143	2.00	ng/ul	94
58) Fluorene	15.84	166	141430	5.71	ng/ul#	96
69) Phenanthrene	17.59	178	1785752m	56.05	ng/ul	
71) Anthracene	17.69	178	274025	8.43	ng/ul	99
72) Carbazole	17.96	167	55780	2.13	ng/ul	96
73) Di-n-butylphthalate	18.50	149	32849m	1.00	ng/ul	
74) Fluoranthene	19.62	202	2249449	68.96	ng/ul	95
77) Pyrene	19.98	202	2577544	63.04	ng/ul	97
78) Butylbenzylphthalate	20.85	149	20536m	1.31	ng/ul	
80) Benzo(a)anthracene	21.86	228	1521817m	40.86	ng/ul	
82) Chrysene	21.93	228	1534830m	45.32	ng/ul	
85) Benzo(b)fluoranthene	24.21	252	1713269	45.97	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	520294m	14.18	ng/ul	
88) Benzo(a)pyrene	25.14	252	1321758m	36.73	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	694603	16.43	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.24	278	207409m	5.75	ng/ul	
91) Benzo(g,h,i)perylene	30.44	276	603821	17.22	ng/ul#	85

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

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 16 11:01:50 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

