

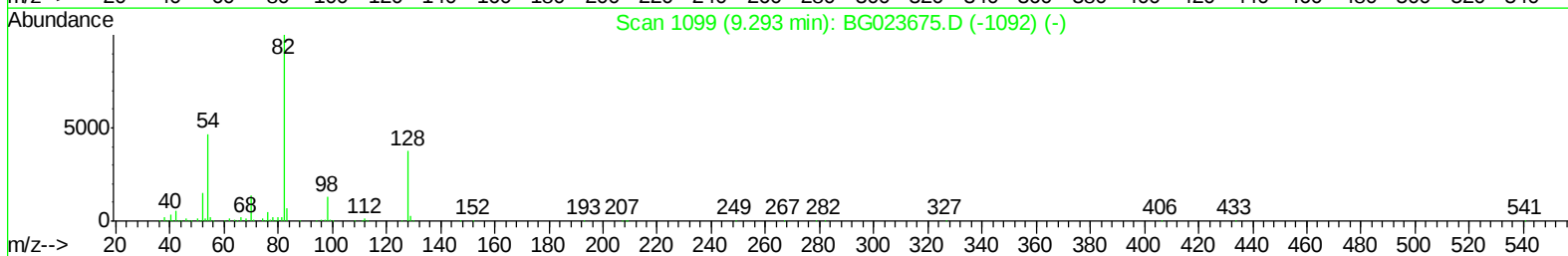
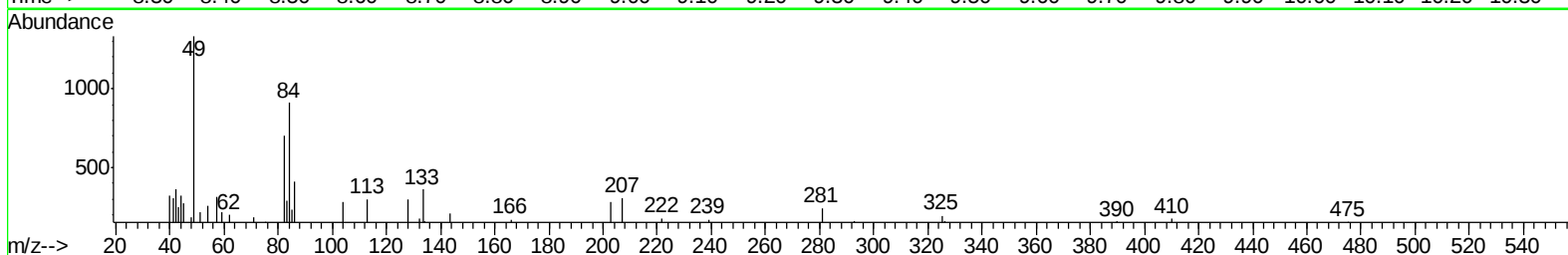
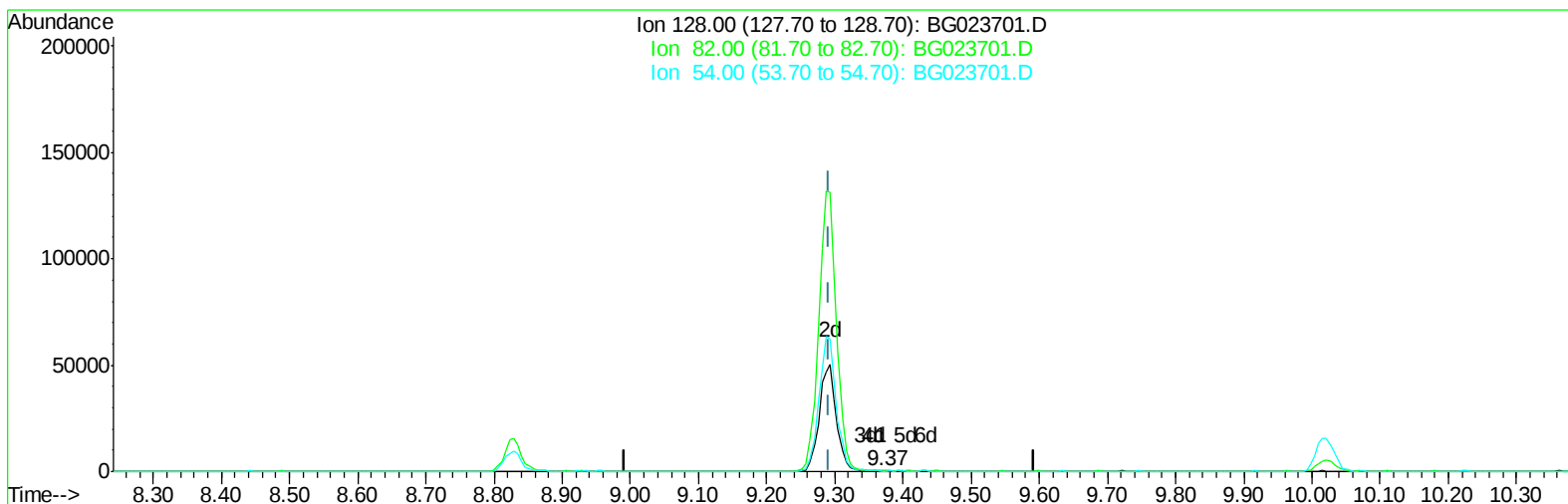
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

(19) Nitrobenzene-d5 (S)

9.369min (+0.077) 0.07ng/ul

response 254

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	232.89
54.00	78.50	86.38
0.00	0.00	0.00

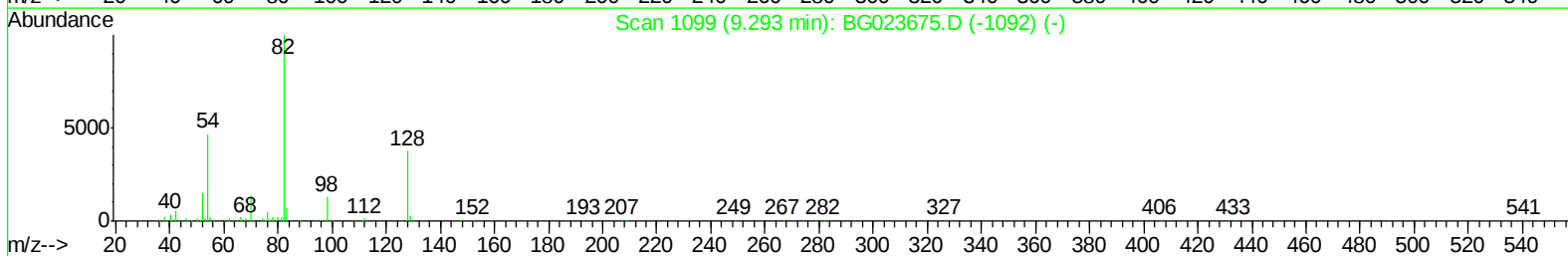
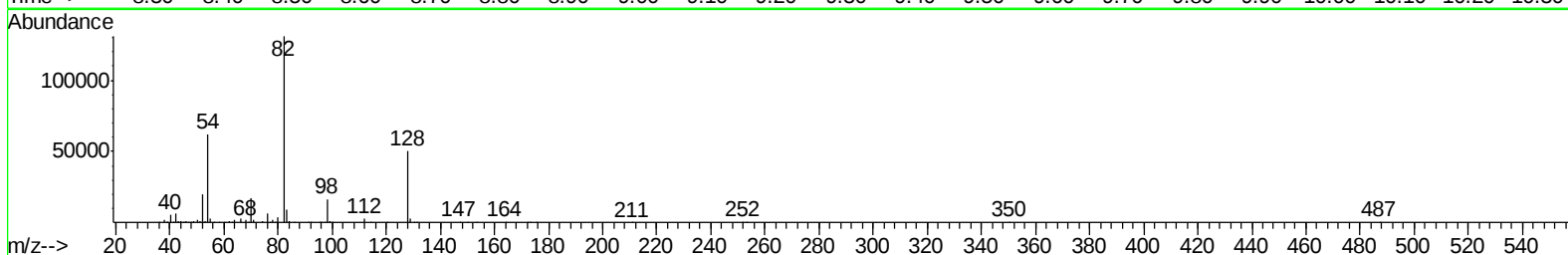
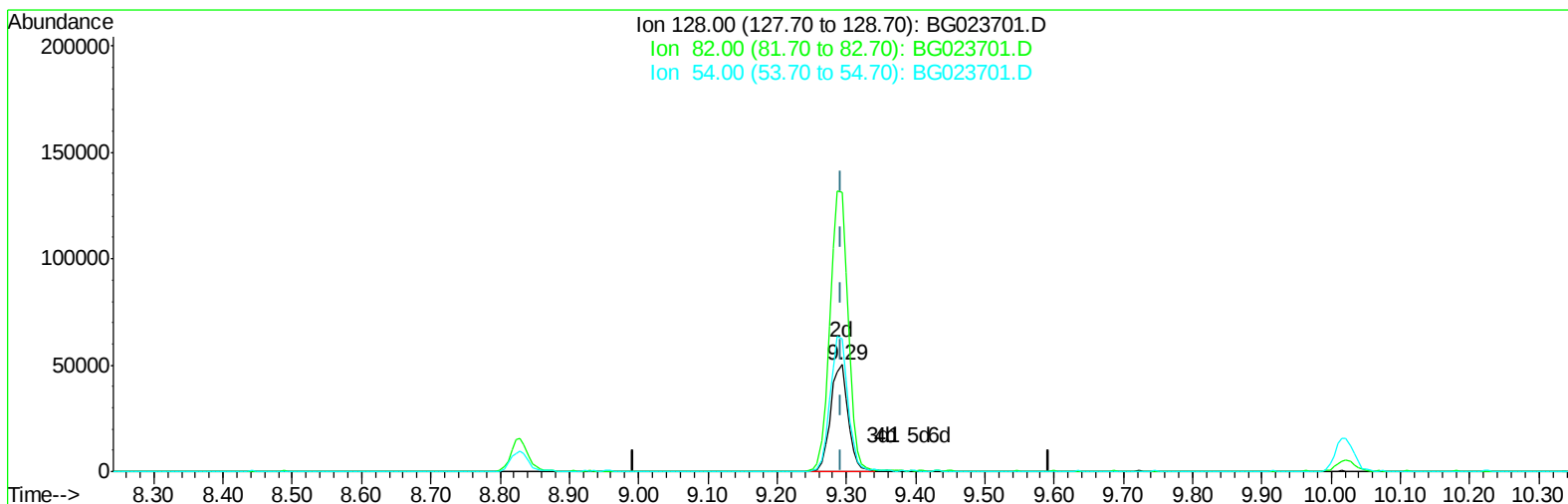
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

(19) Nitrobenzene-d5 (S)

9.293min (+0.000) 22.88ng/ul m

response 88167

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	261.47
54.00	78.50	124.00#
0.00	0.00	0.00

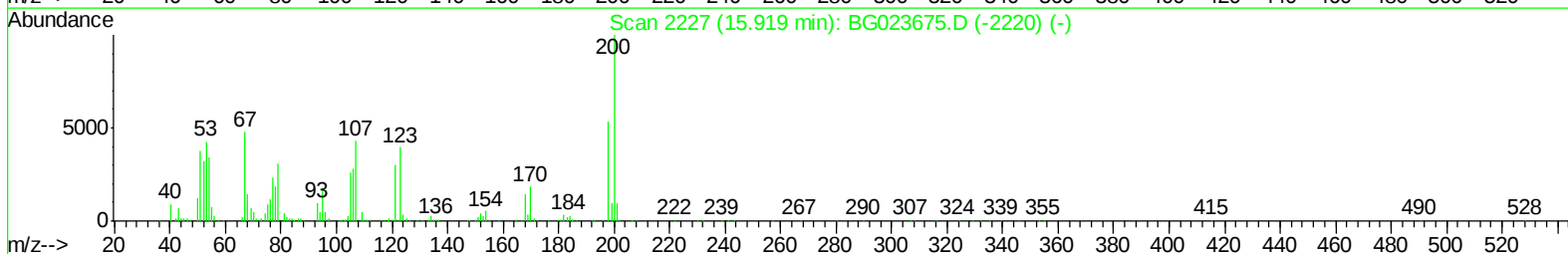
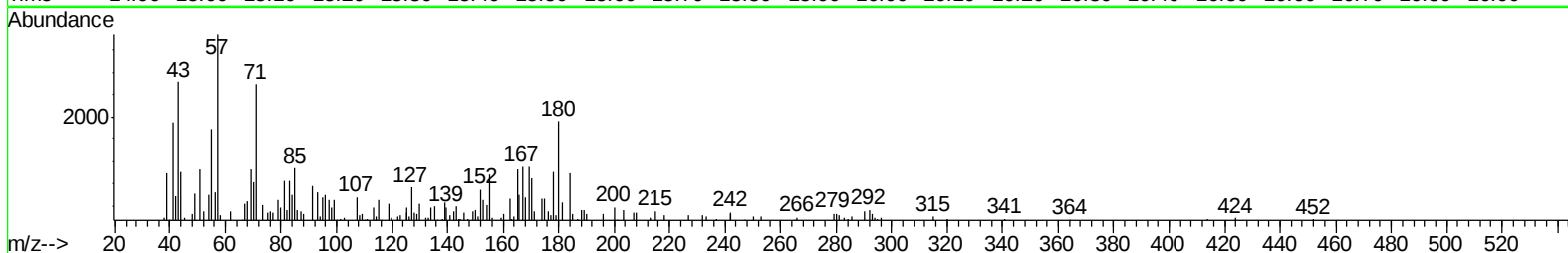
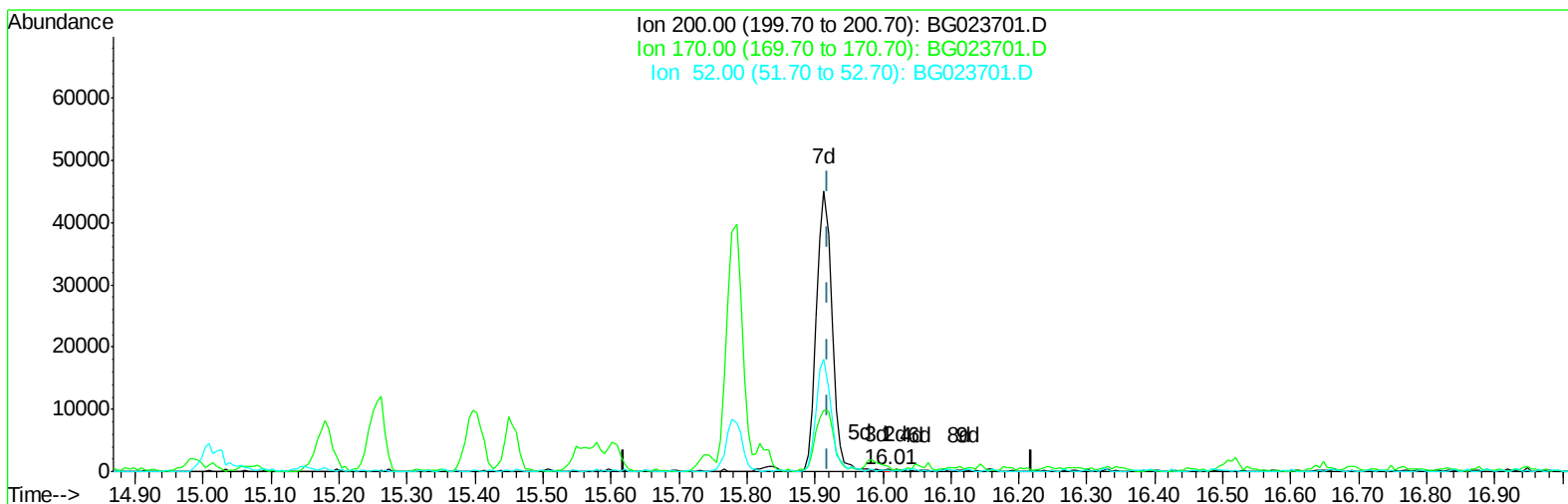
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Quant Time: Aug 15 11:06:55 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

Manual Integrations
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TIC: BG023701.D

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

16.008min (+0.089) 0.03ng/ul

response 136

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	234.72#
52.00	32.20	80.83#
0.00	0.00	0.00

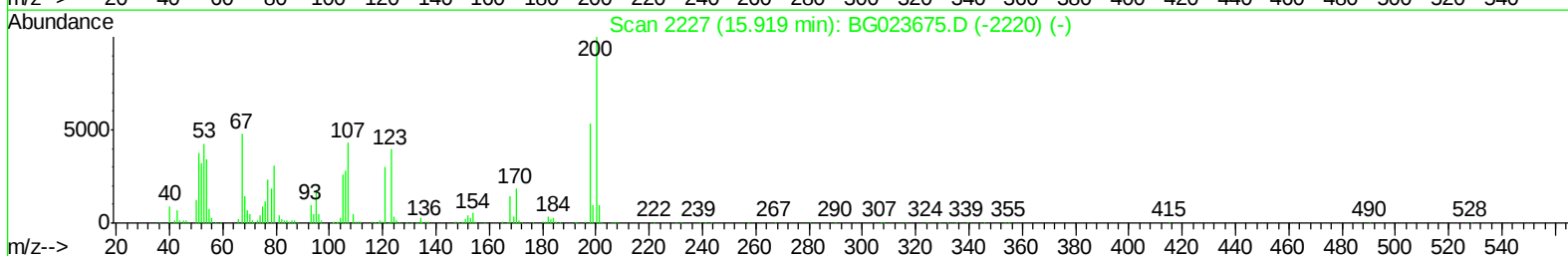
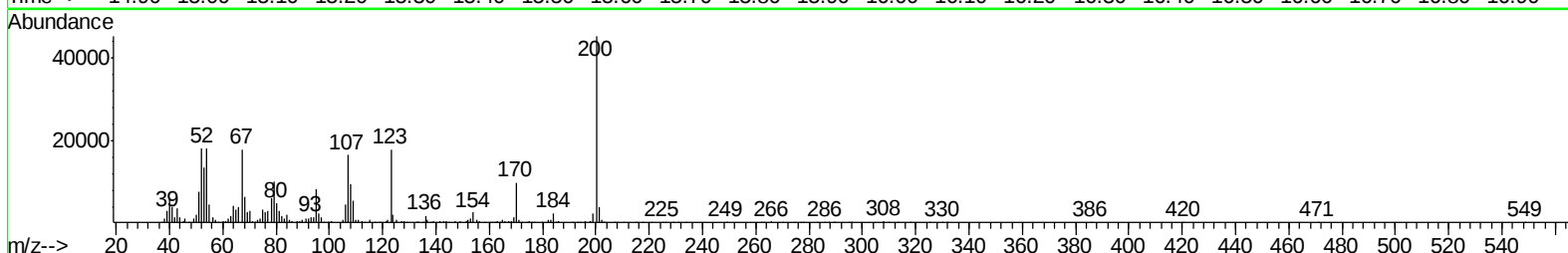
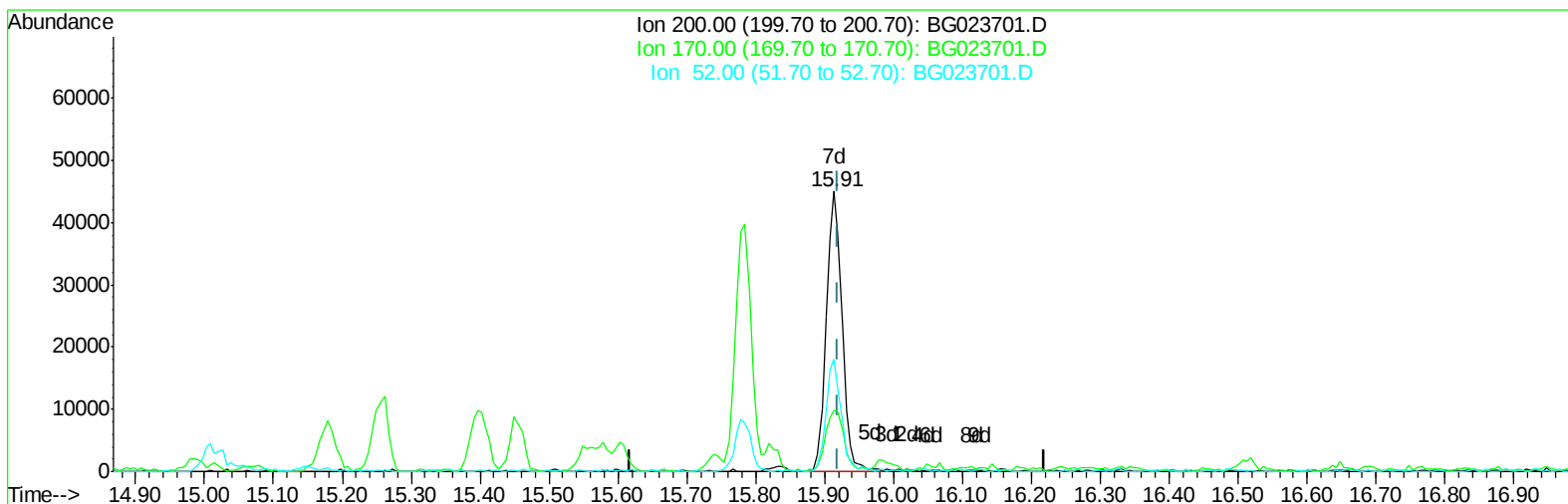
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

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

15.914min (-0.005) 15.71ng/ul m

response 71023

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	21.79#
52.00	32.20	39.99#
0.00	0.00	0.00

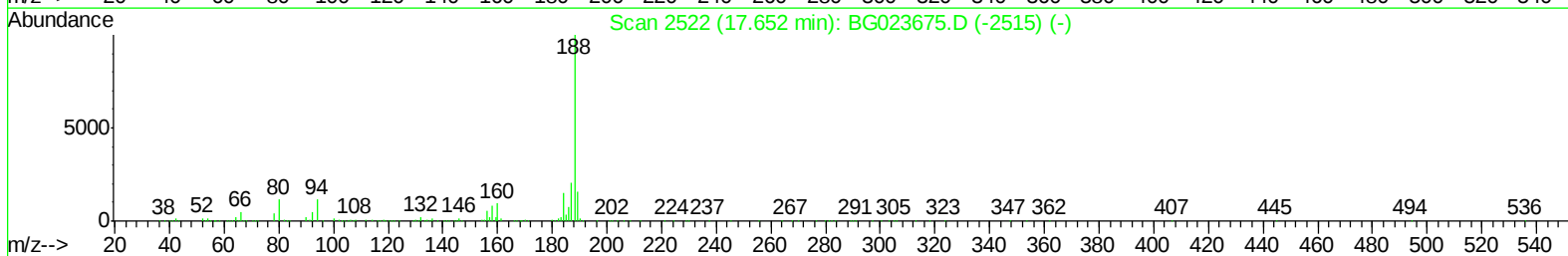
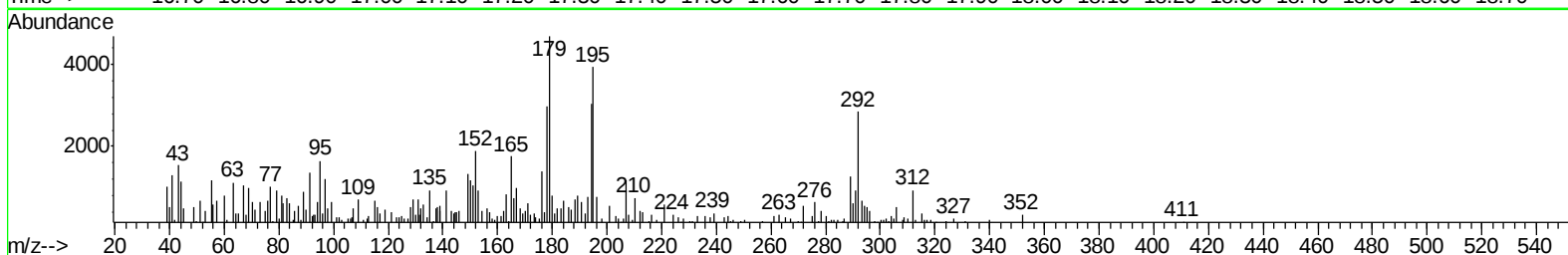
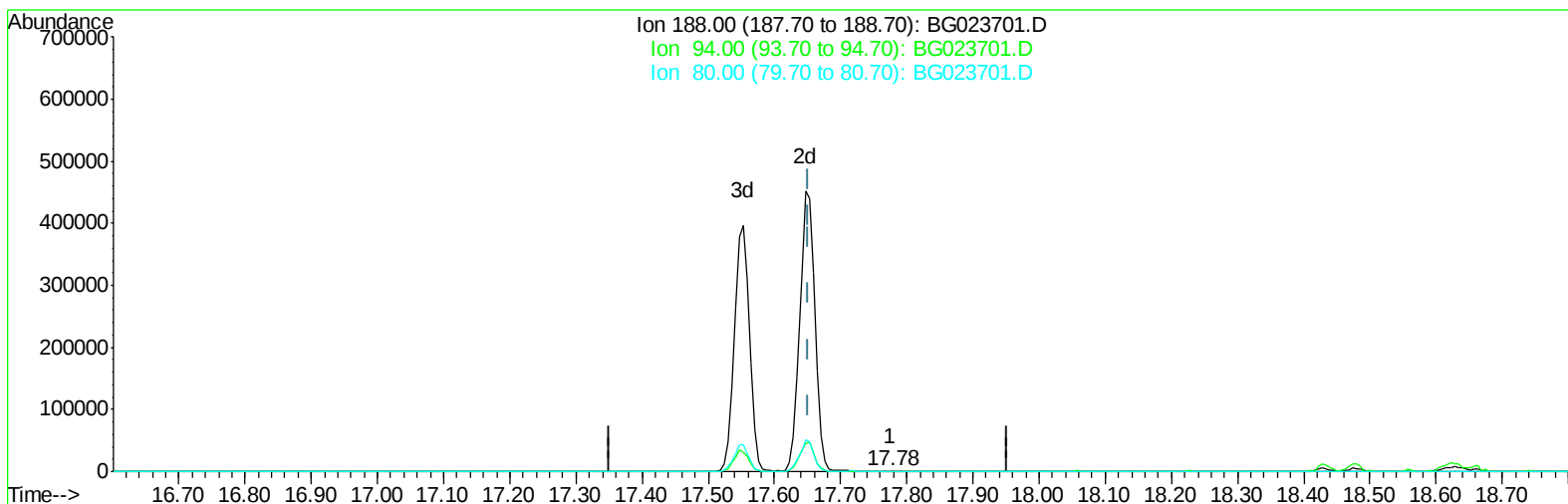
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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TIC: BG023701.D

(70) Anthracene-d10 (S)

17.776min (+0.124) 0.02ng/ul

response 756

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	91.06#
80.00	11.90	35.74#
0.00	0.00	0.00

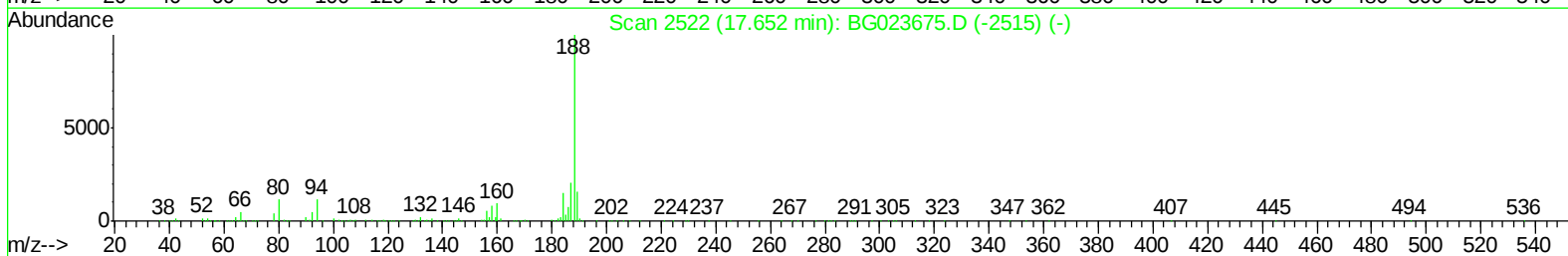
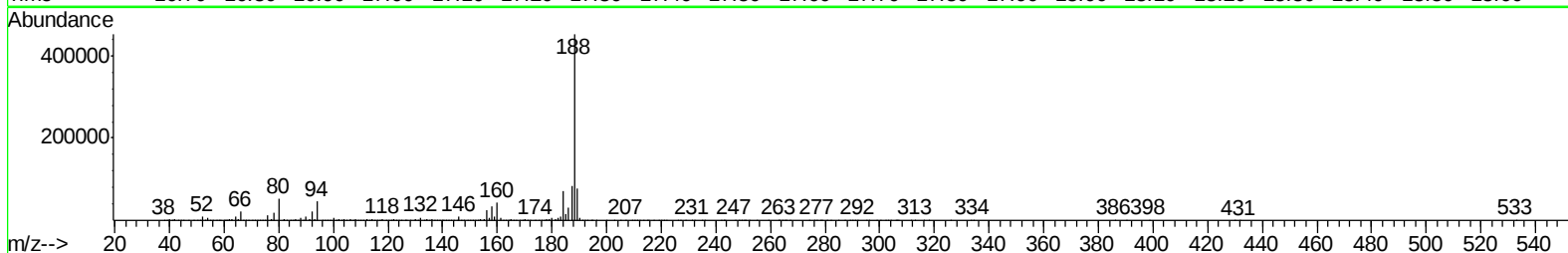
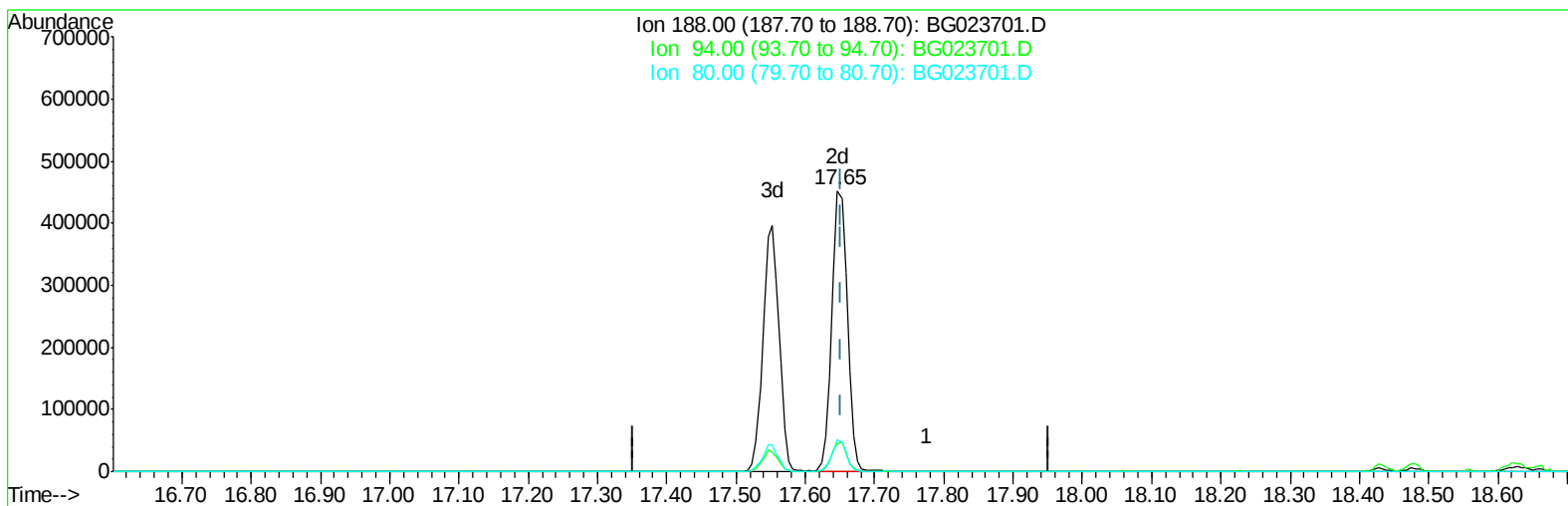
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 11:06:55 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: BG023701.D

(70) Anthracene-d10 (S)

17.647min (-0.005) 22.20ng/ul m

response 704985

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	10.06#
80.00	11.90	11.52
0.00	0.00	0.00

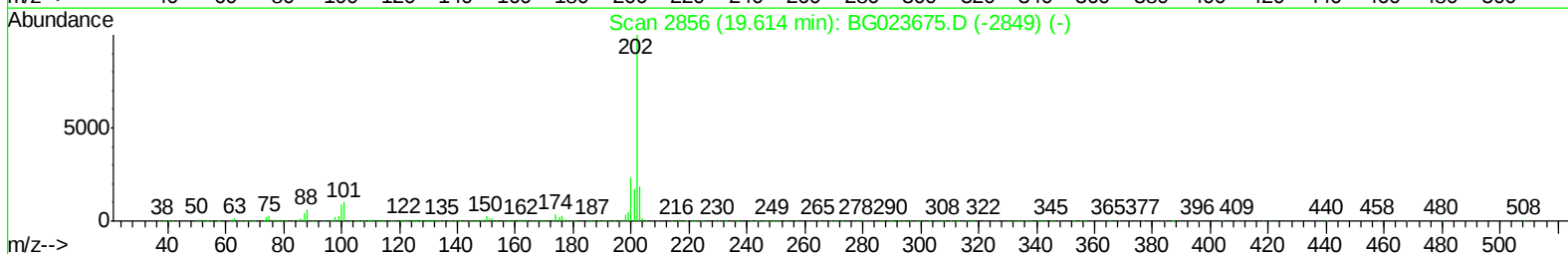
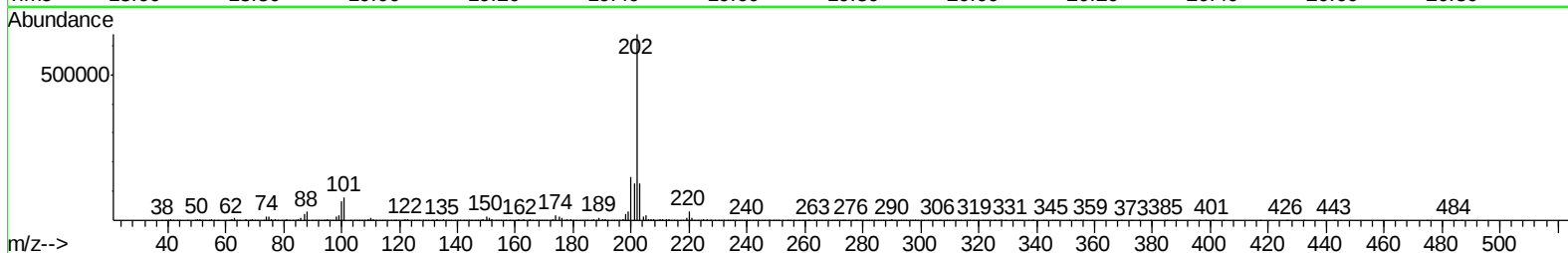
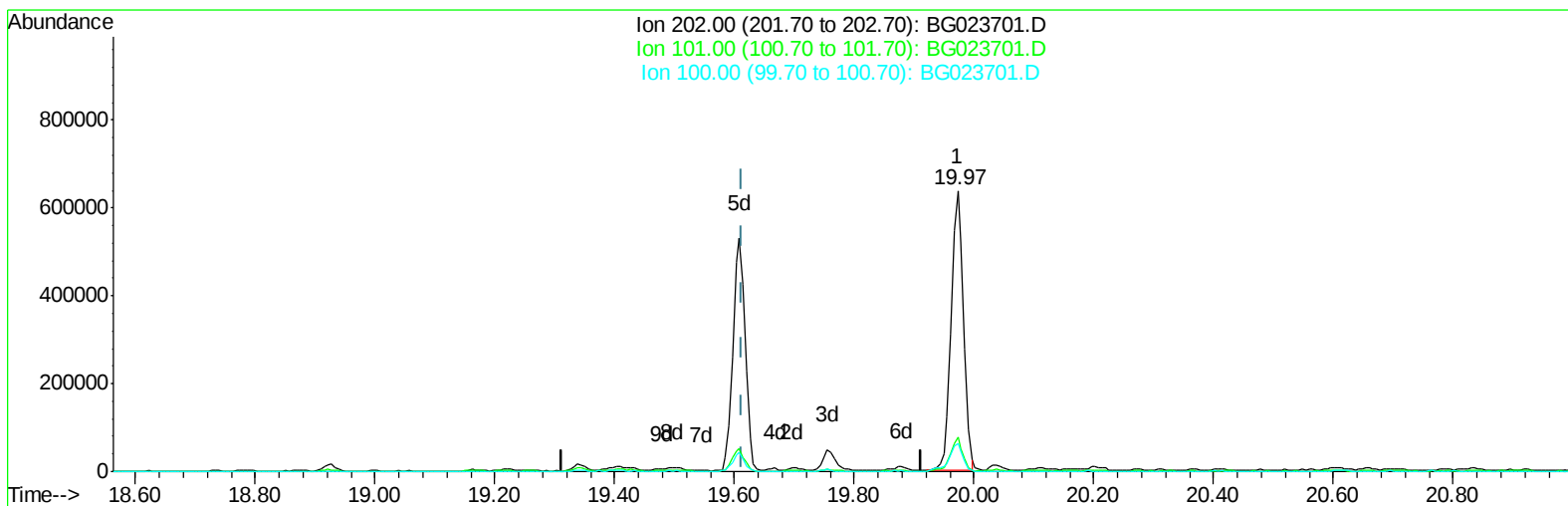
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
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Quant Time: Aug 15 11:06:55 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: BG023701.D

(74) Fluoranthene (C)

19.973min (+0.359) 24.56ng/ul

response 917575

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	12.41
100.00	10.90	10.04
0.00	0.00	0.00

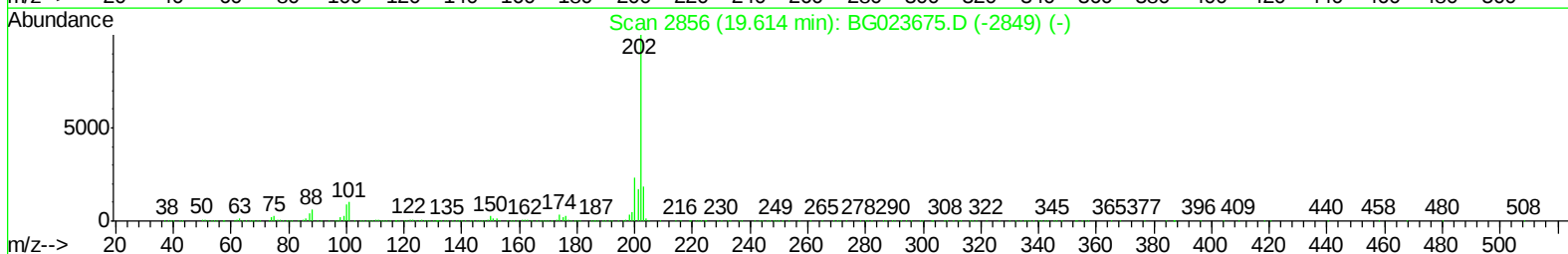
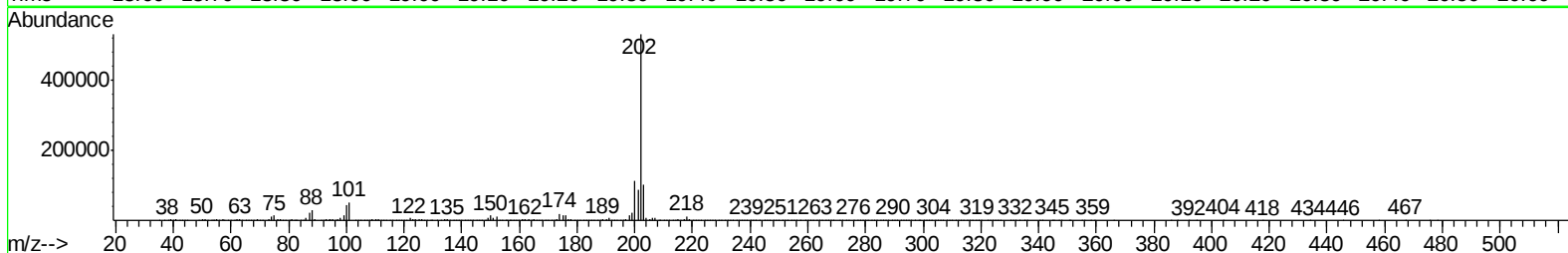
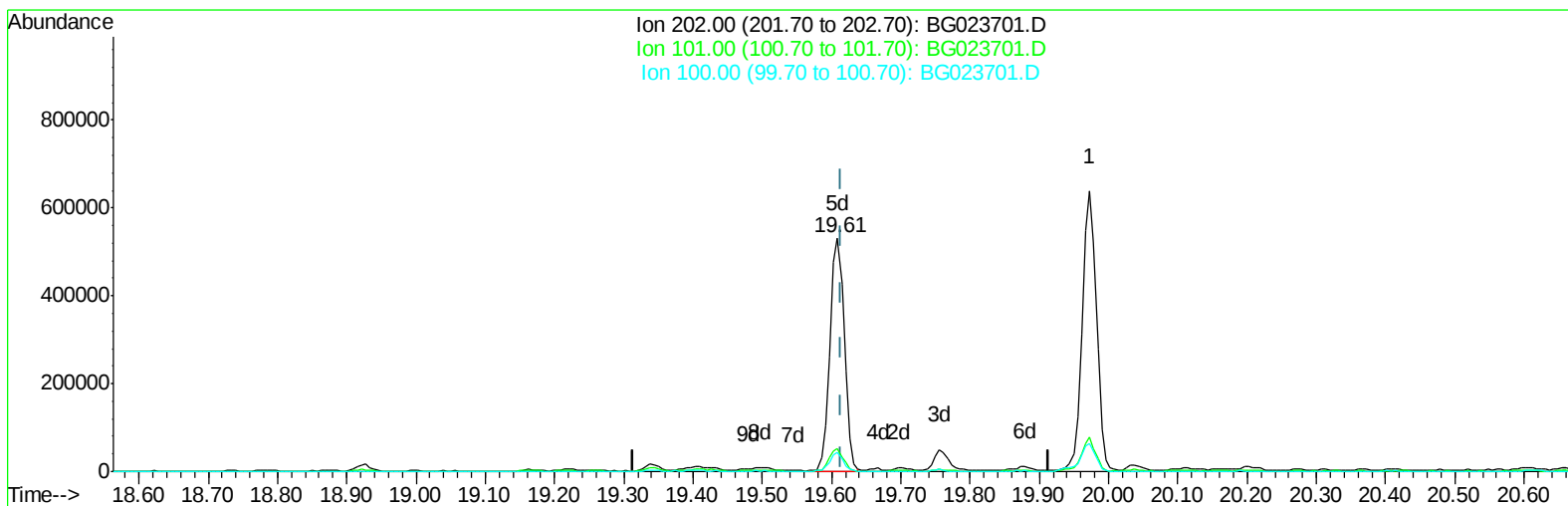
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

(74) Fluoranthene (C)

19.609min (-0.005) 20.46ng/ul m

response 764496

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	9.64#
100.00	10.90	8.26#
0.00	0.00	0.00

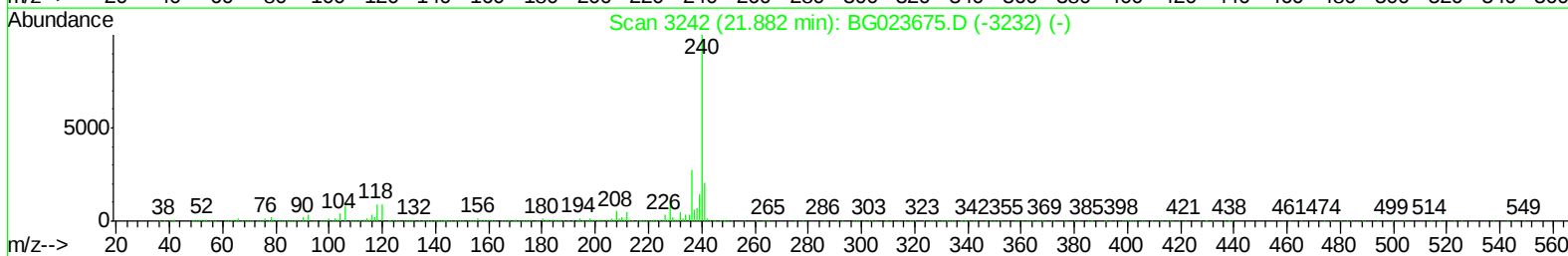
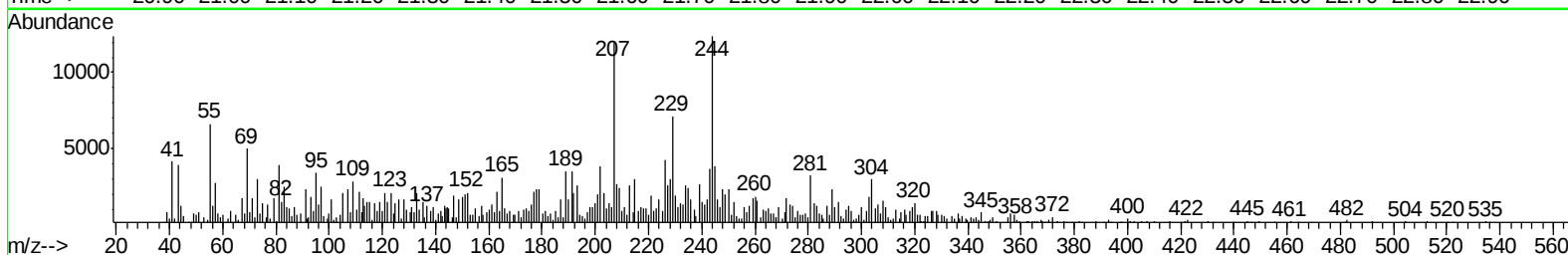
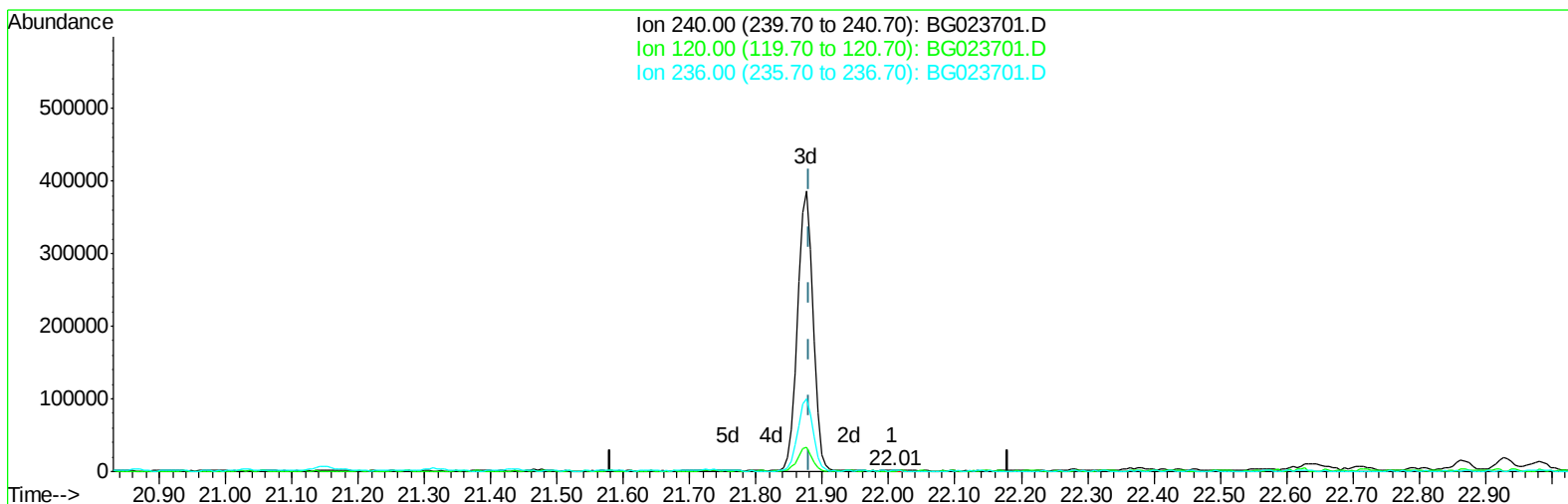
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

(75) Chrysene-d12 (I)

22.005min (+0.124) 20.00ng/ul

response 962

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	59.25#
236.00	26.10	111.38#
0.00	0.00	0.00

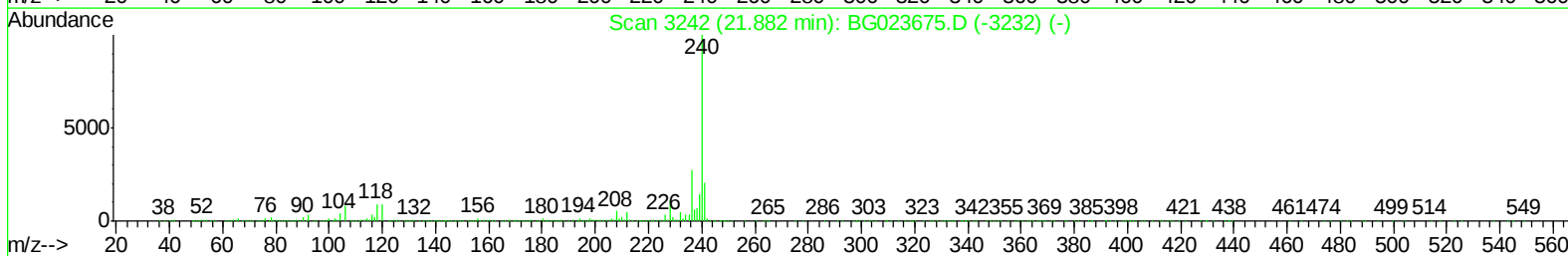
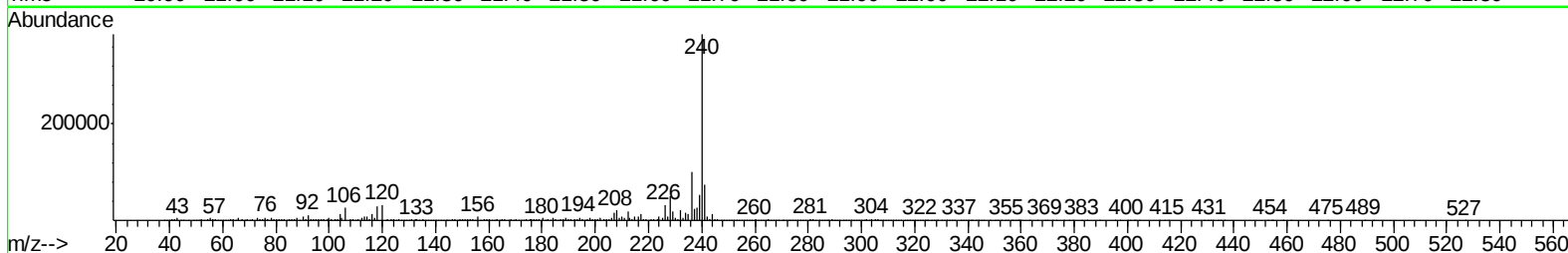
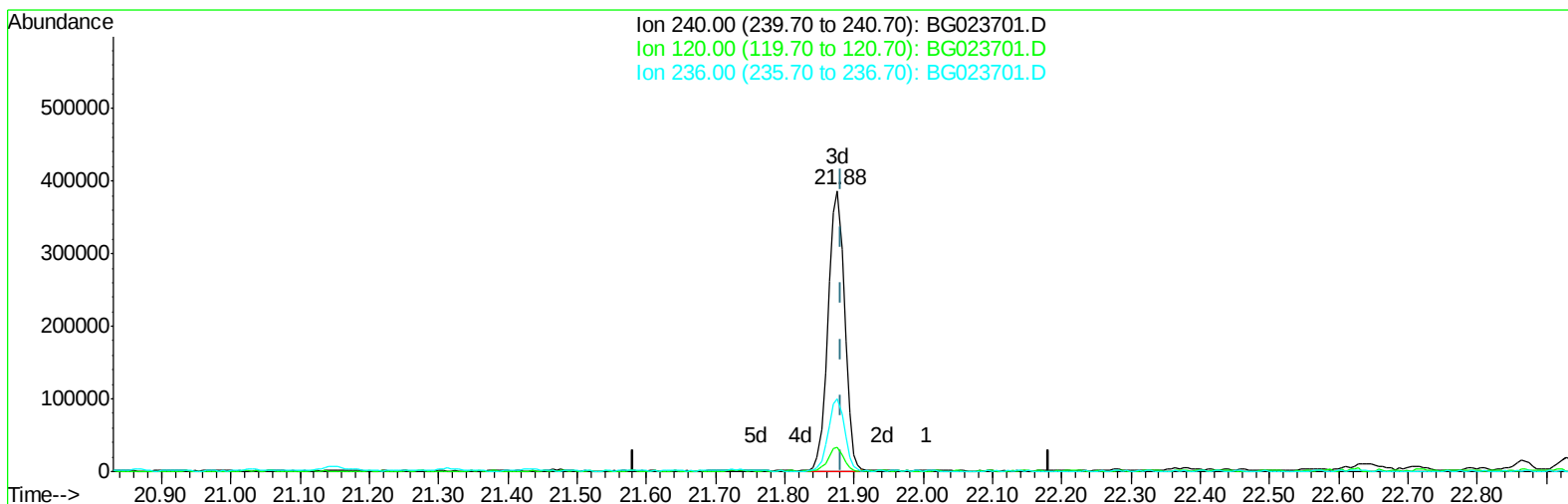
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
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umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

(75) Chrysene-d12 (I)

21.876min (-0.005) 20.00ng/ul m

response 642787

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	8.47#
236.00	26.10	25.92
0.00	0.00	0.00

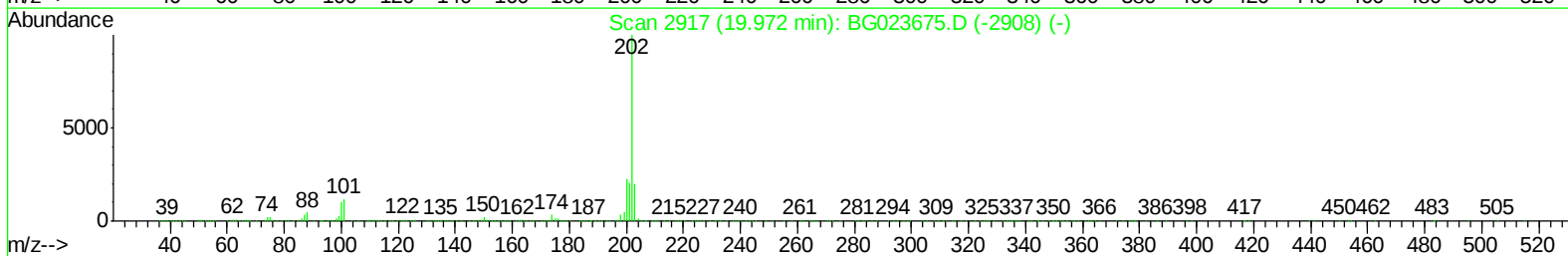
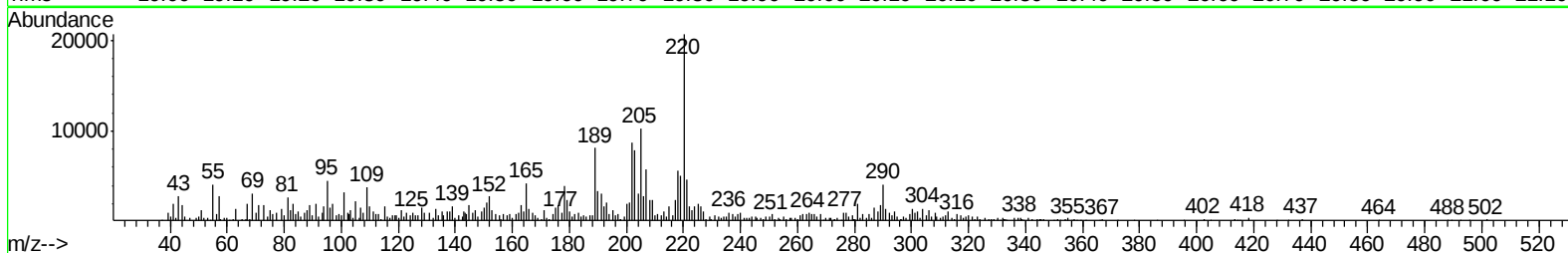
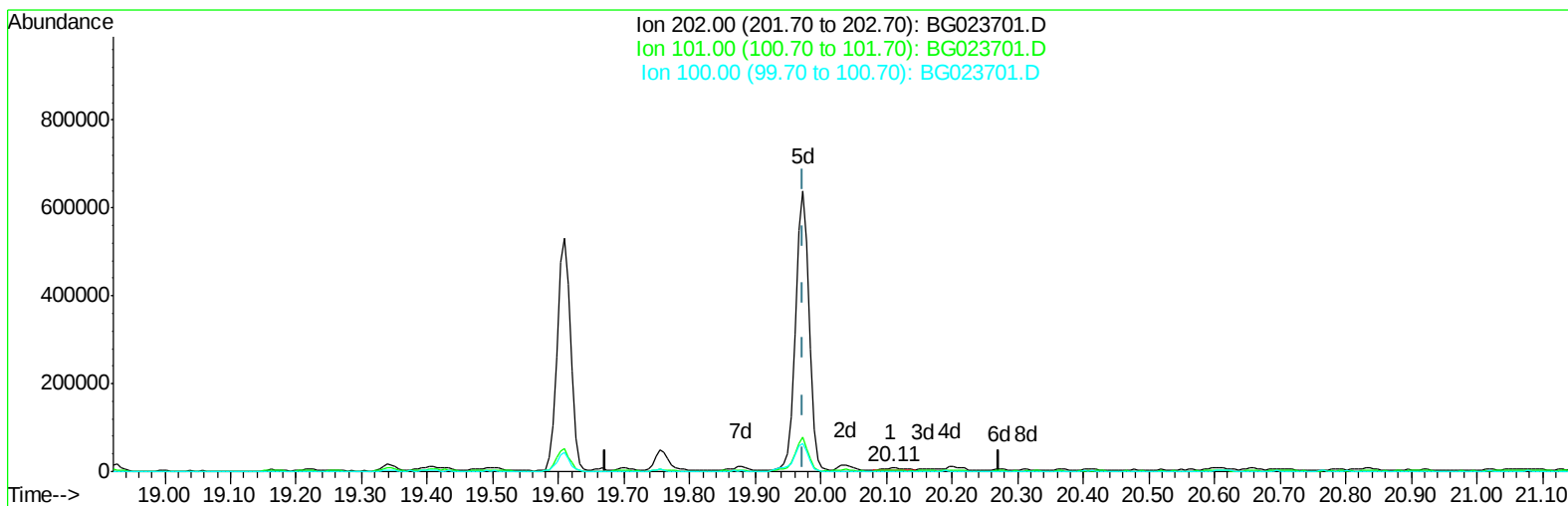
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

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8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023701.D

(77) Pyrene

20.108min (+0.136) 0.38ng/ul

response 15277

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	36.92#
100.00	12.80	8.20#
0.00	0.00	0.00

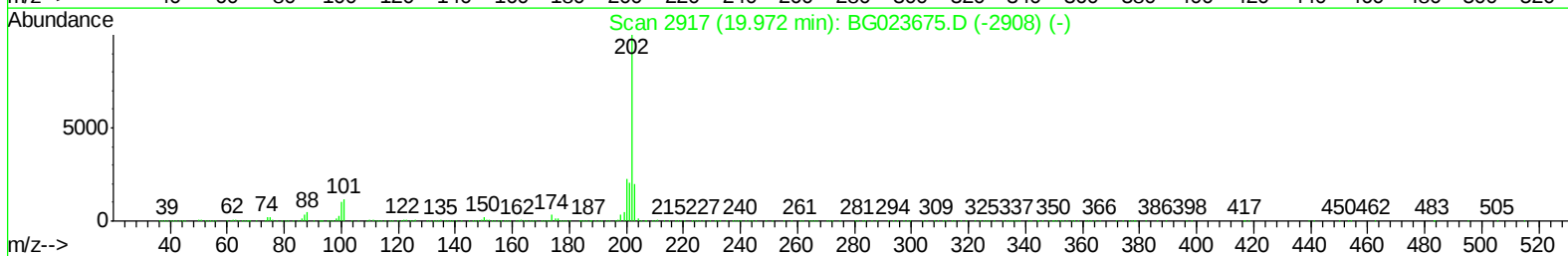
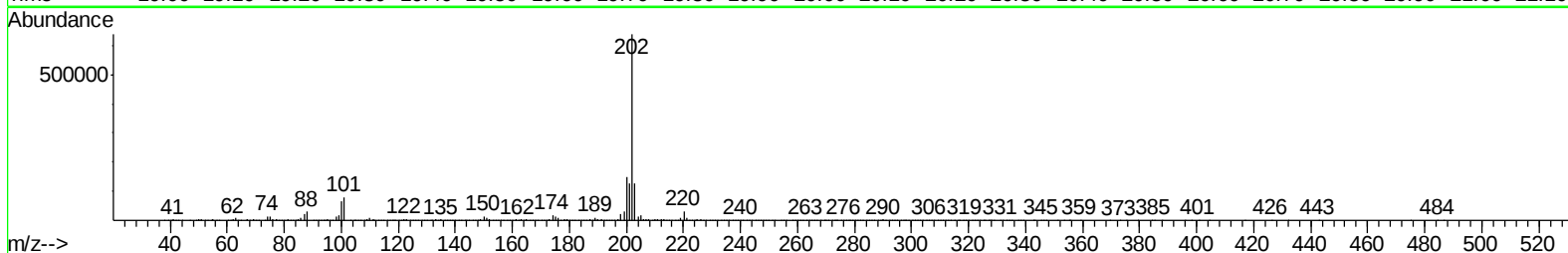
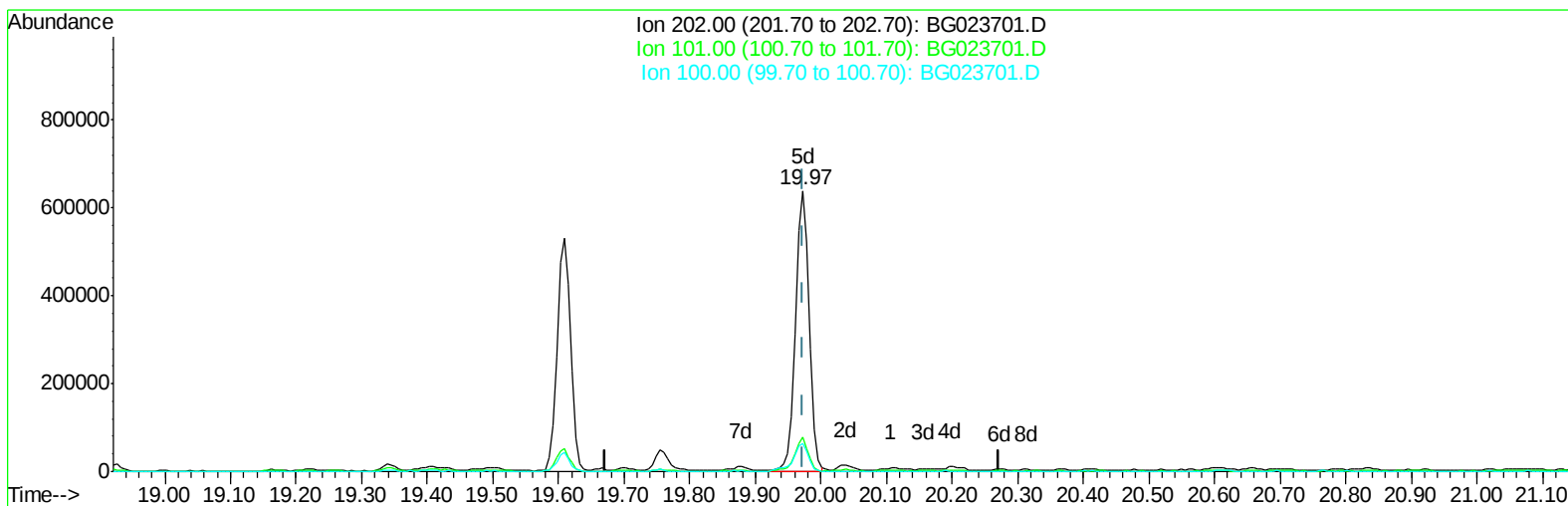
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
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umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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TIC: BG023701.D

(77) Pyrene

19.973min (+0.000) 23.36ng/ul m

response 928436

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	12.41#
100.00	12.80	10.04#
0.00	0.00	0.00

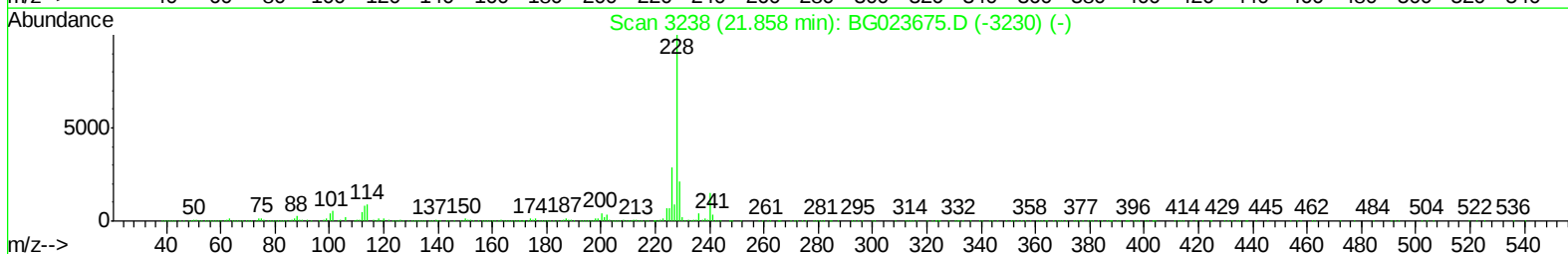
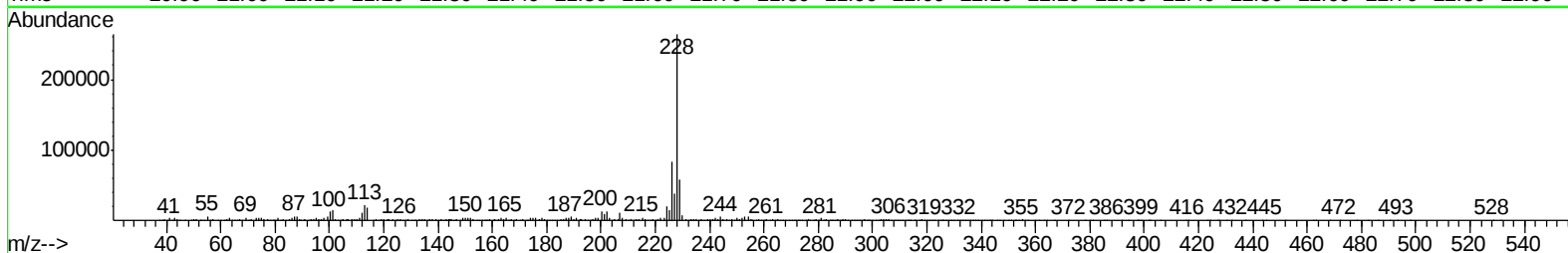
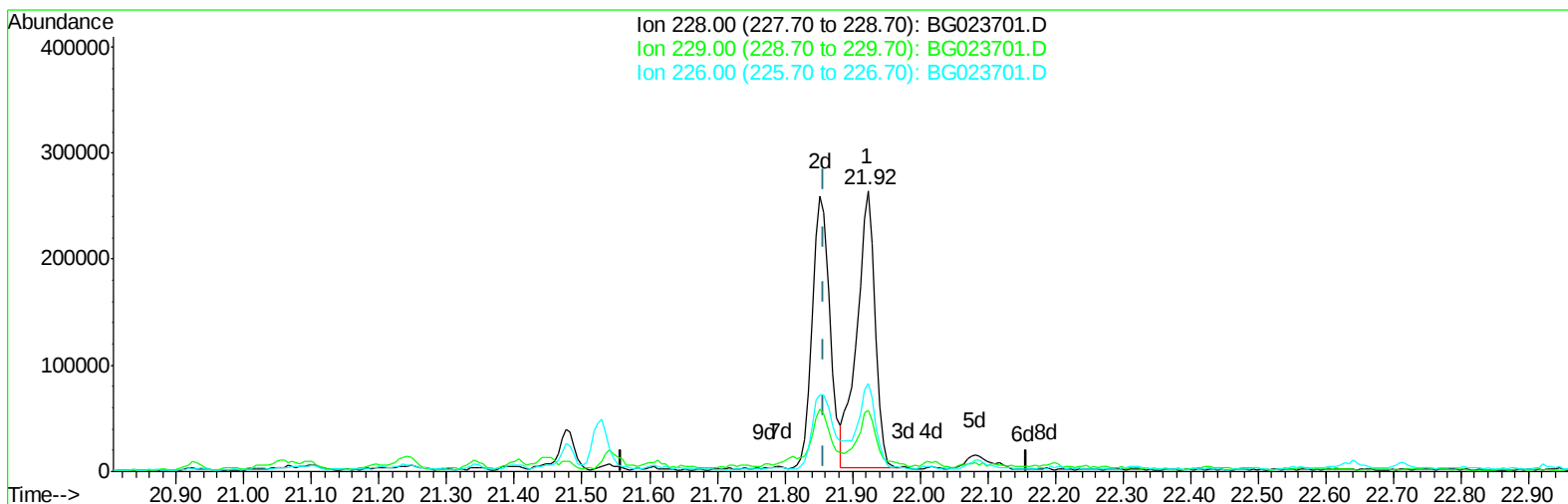
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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umangi
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Quant Time: Aug 15 11:06:55 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG023701.D

(80) Benzo(a)anthracene
21.923min (+0.065) 13.54ng/ul
response 490114

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.72
226.00	28.50	31.37
0.00	0.00	0.00

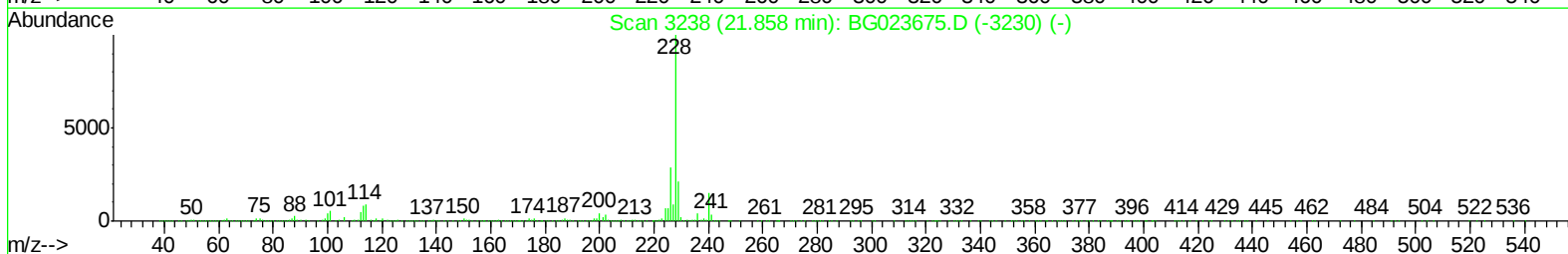
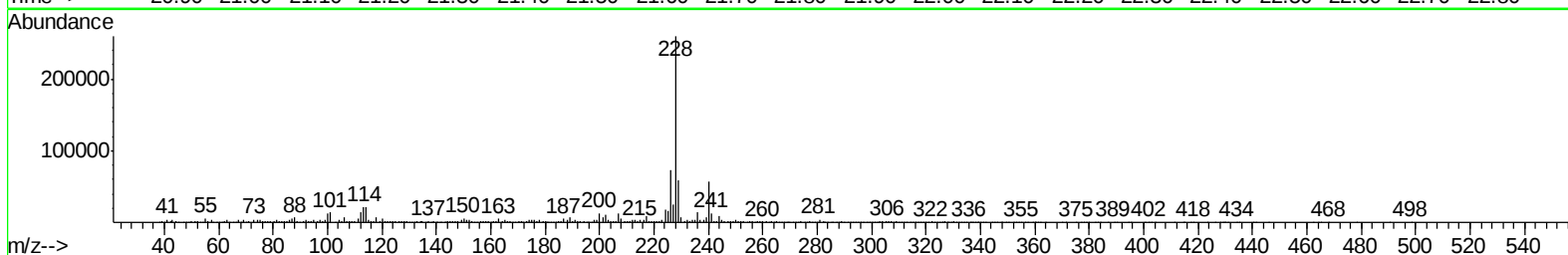
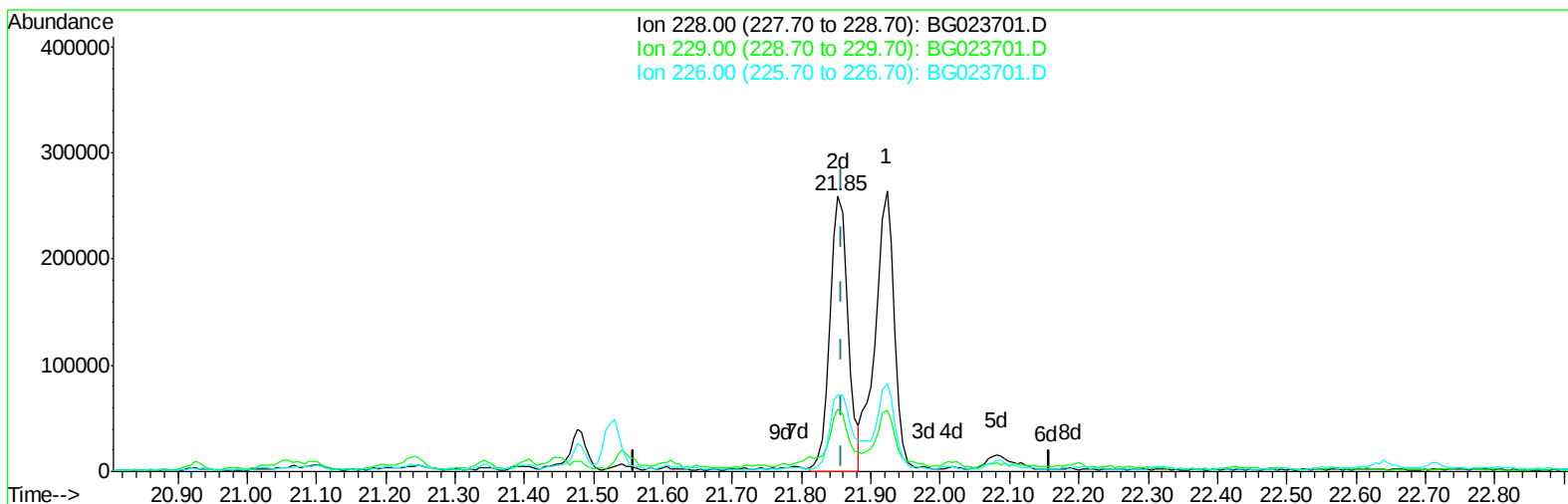
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 11:06:55 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: BG023701.D

(80) Benzo(a)anthracene

21.853min (-0.005) 13.10ng/ul m

response 474352

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.55
226.00	28.50	27.88
0.00	0.00	0.00

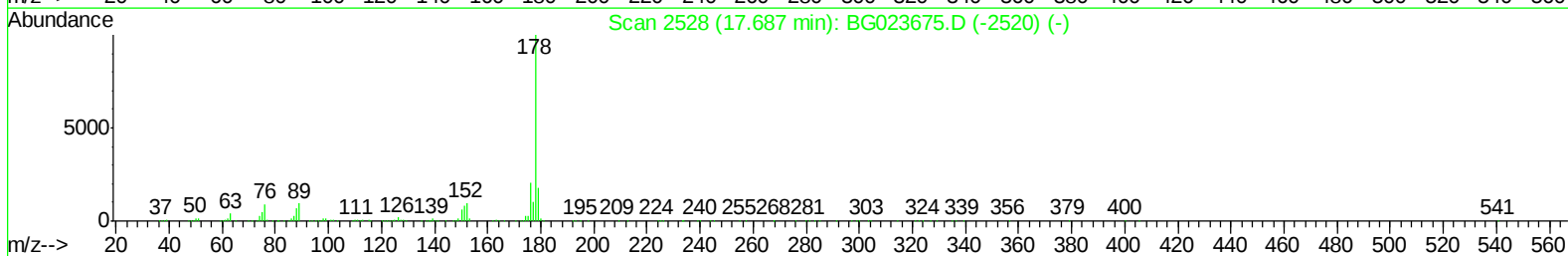
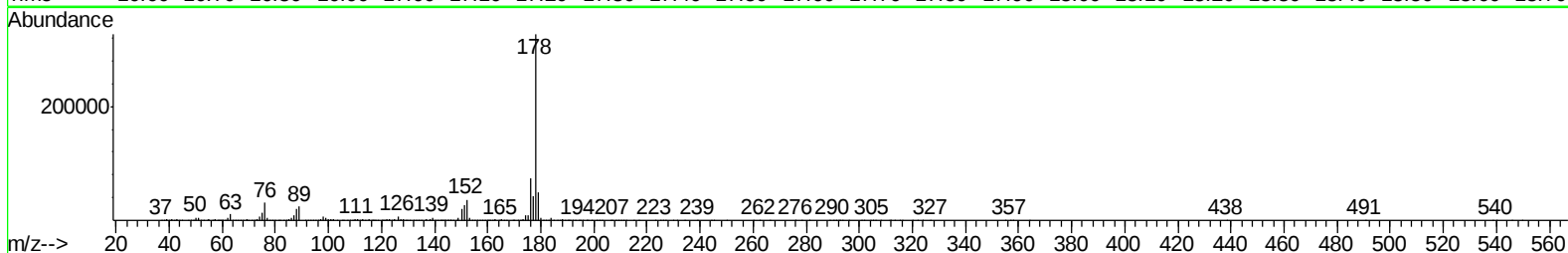
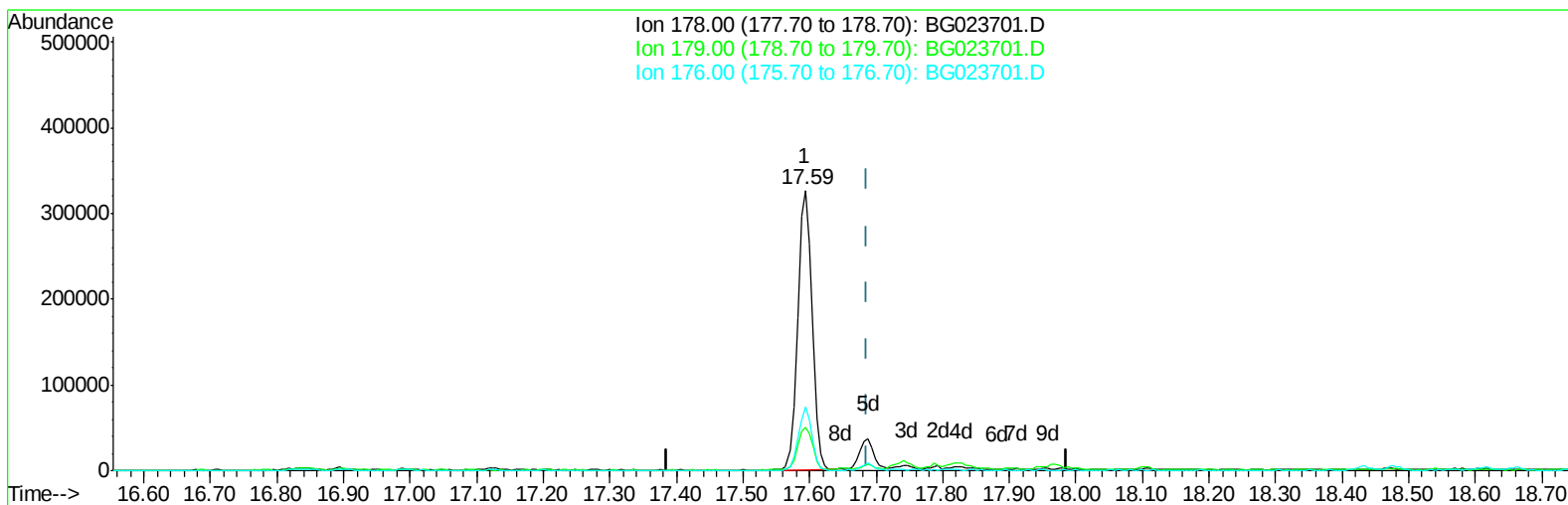
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(71) Anthracene

17.594min (-0.094) 13.31ng/ul

response 495564

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.42
176.00	20.40	22.55
0.00	0.00	0.00

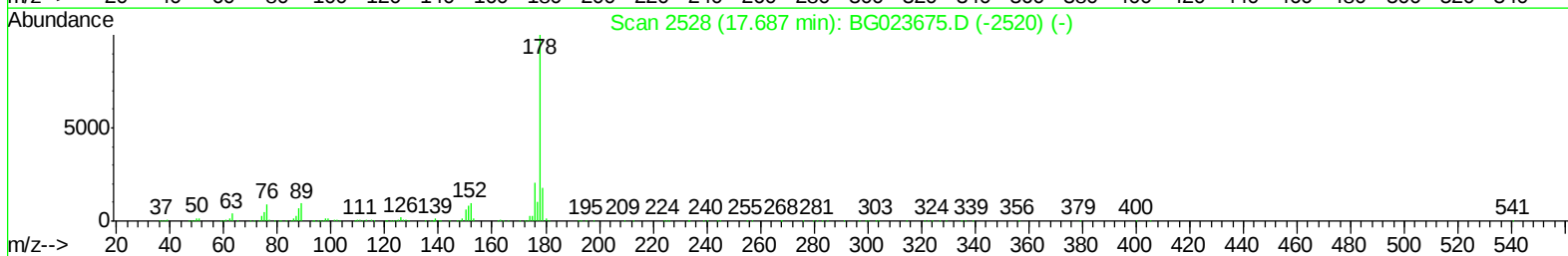
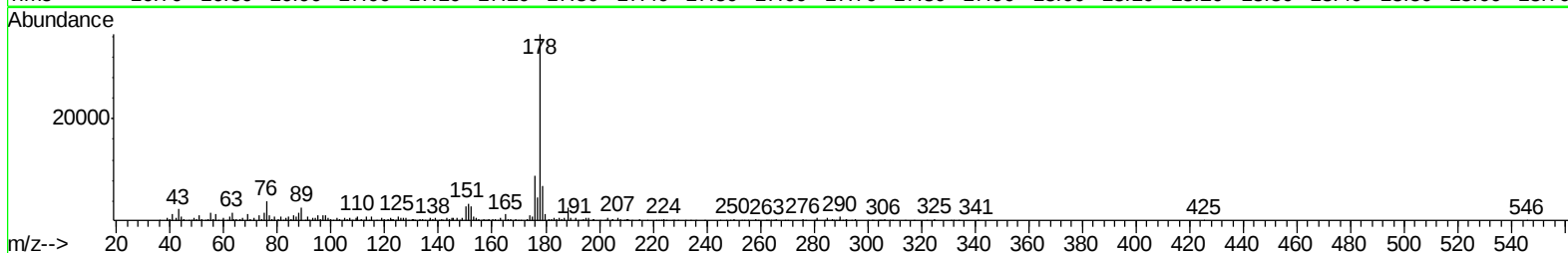
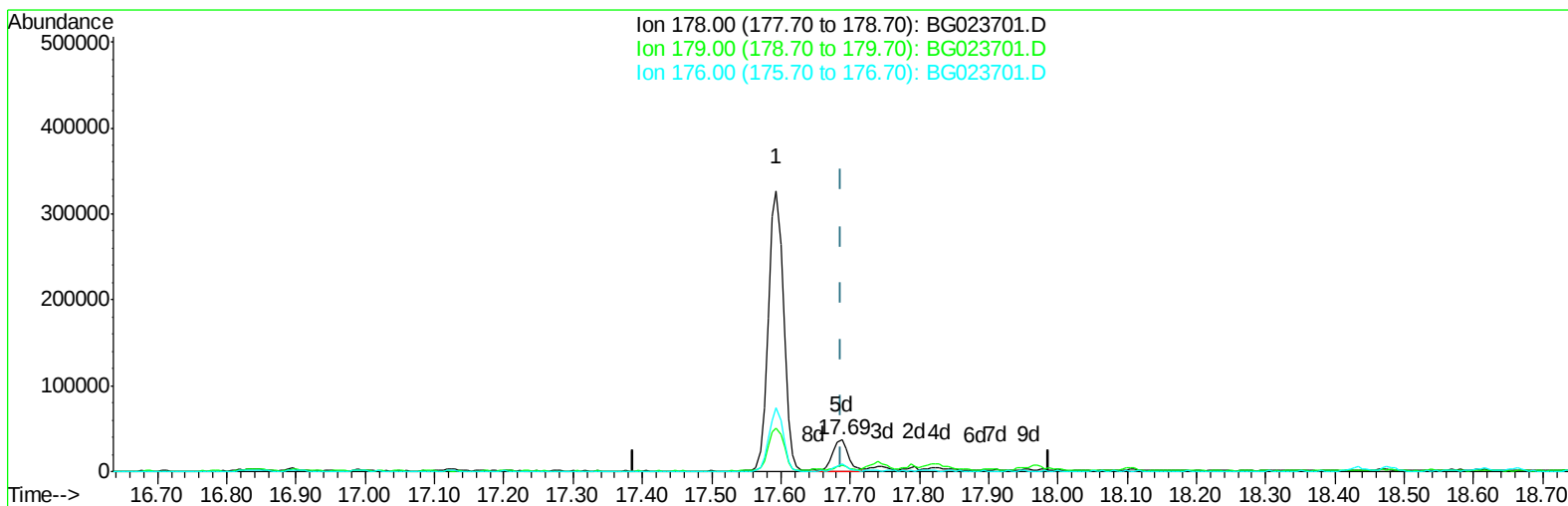
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(71) Anthracene

17.688min (+0.000) 1.57ng/ul m

response 58533

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.95#
176.00	20.40	24.19
0.00	0.00	0.00

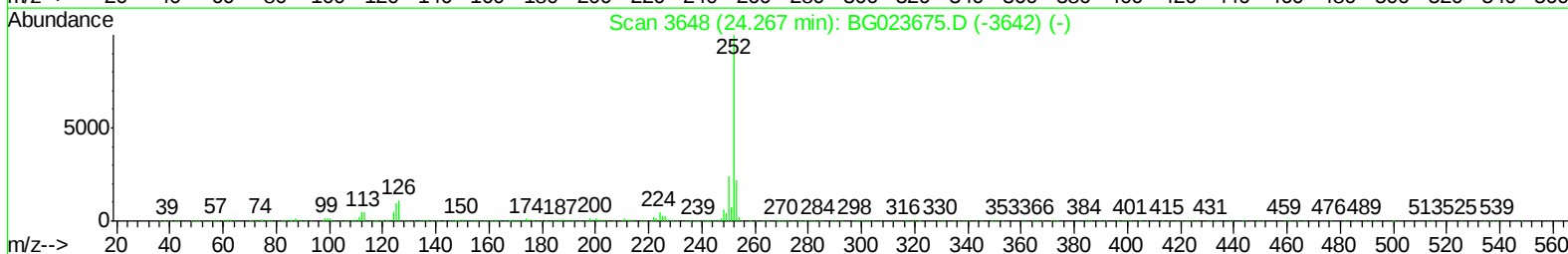
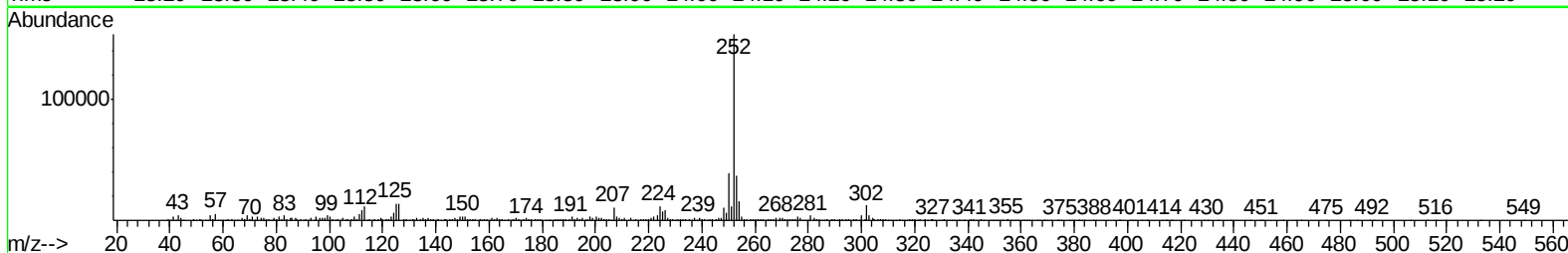
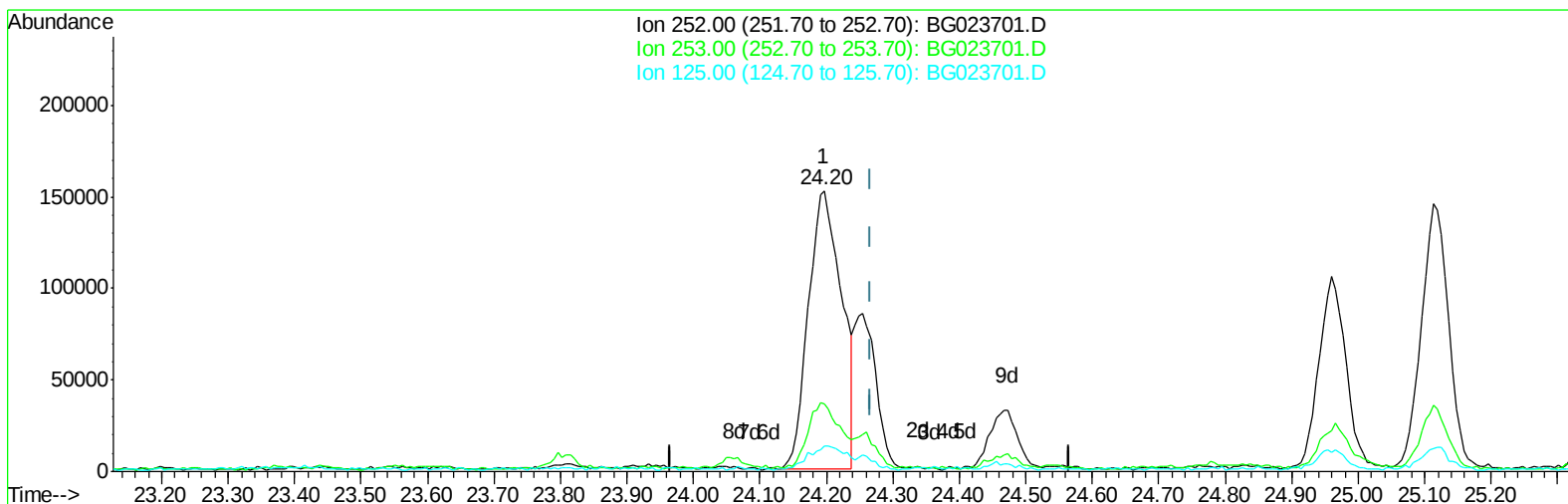
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(86) Benzo(k)fluoranthene

24.196min (-0.070) 14.31ng/ul

response 525704

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.28#
125.00	13.30	9.17#
0.00	0.00	0.00

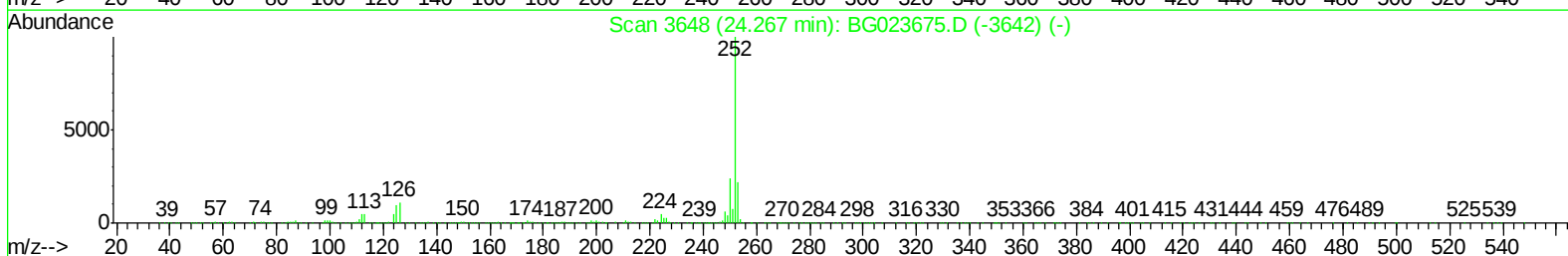
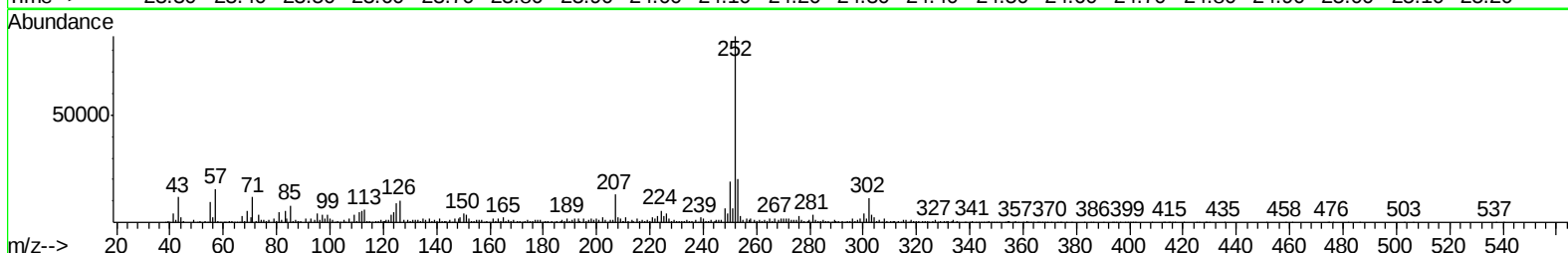
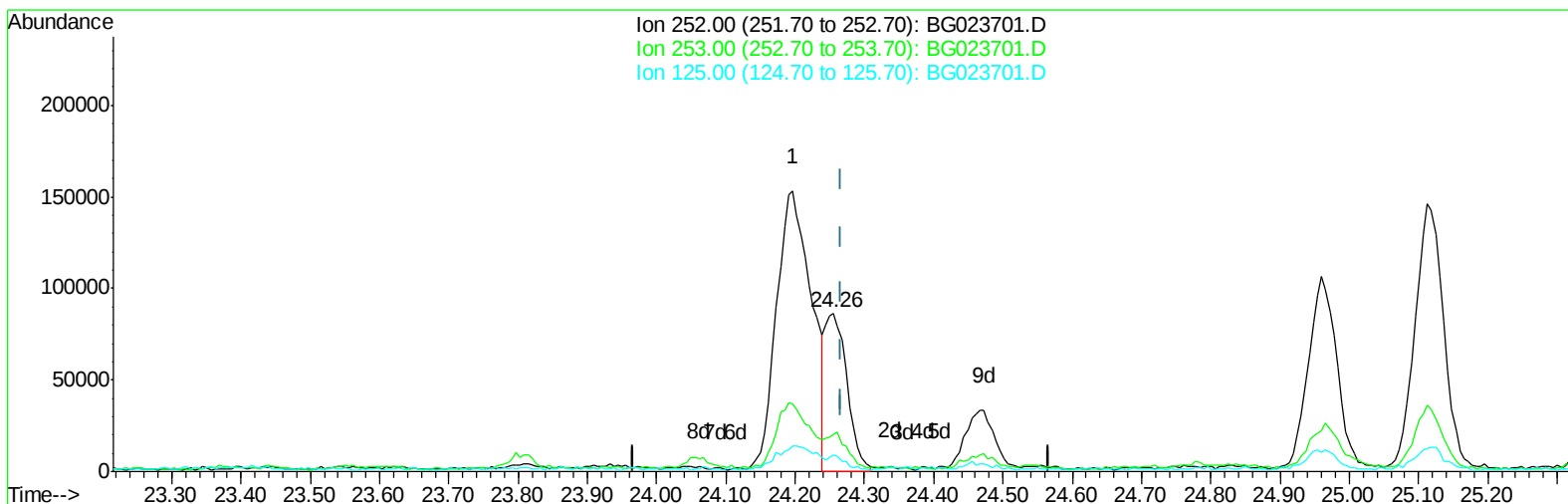
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023701.D
 Acq On : 13 Aug 2016 23:31
 Operator : UM/SJ
 Sample : H4385-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-1218-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(86) Benzo(k)fluoranthene

24.255min (-0.011) 5.24ng/ul m

response 192363

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.24
125.00	13.30	10.42#
0.00	0.00	0.00

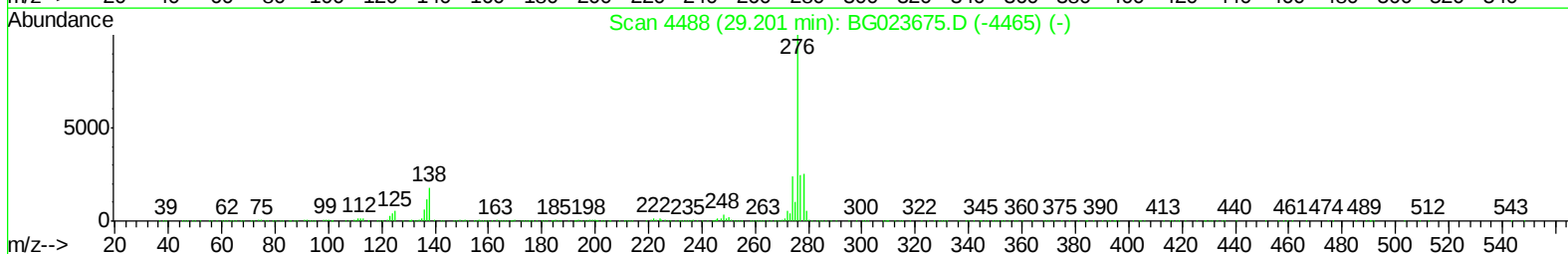
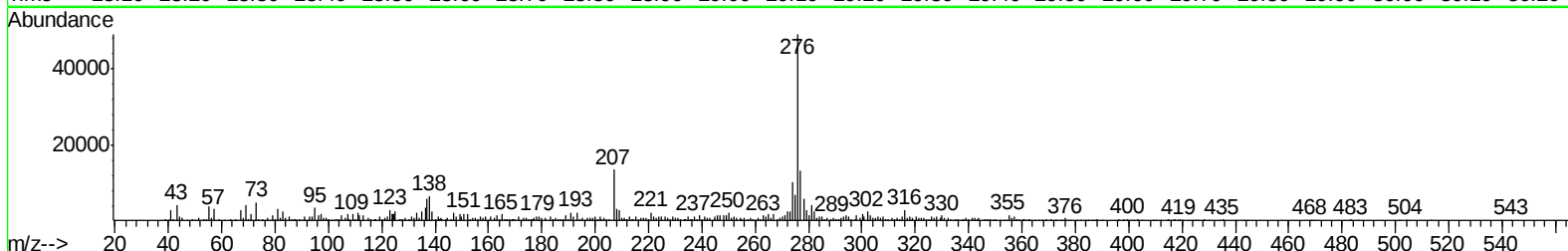
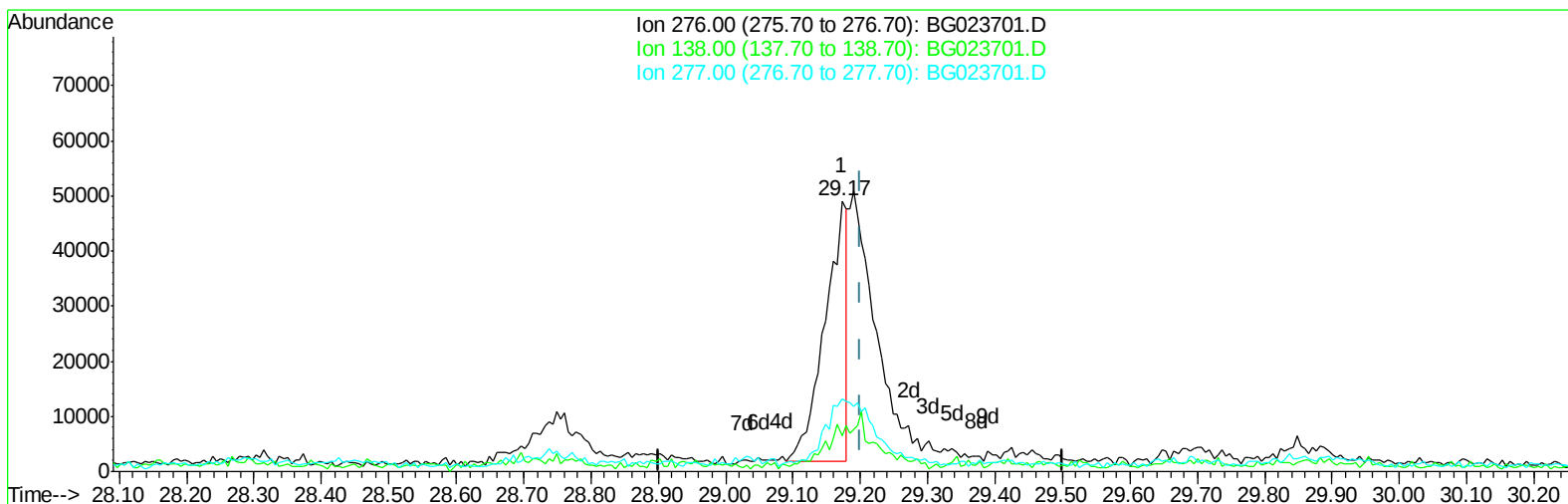
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

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

29.172min (-0.029) 2.49ng/ul

response 105517

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	13.41#
277.00	22.00	27.05#
0.00	0.00	0.00

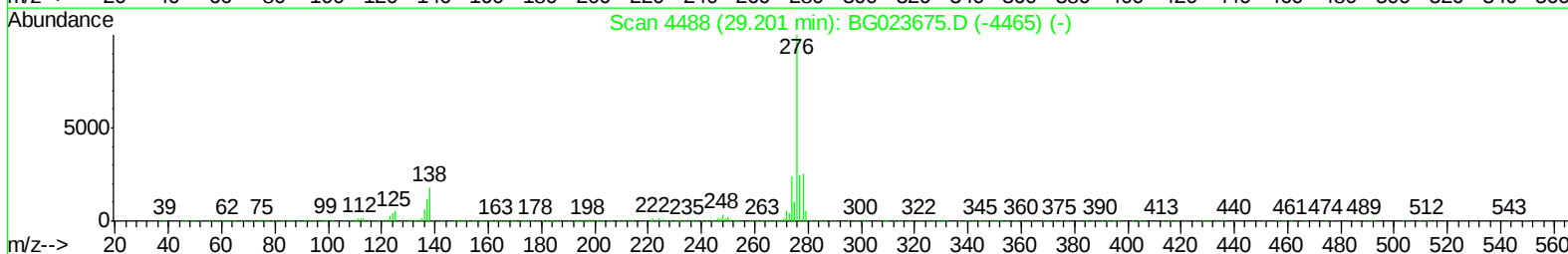
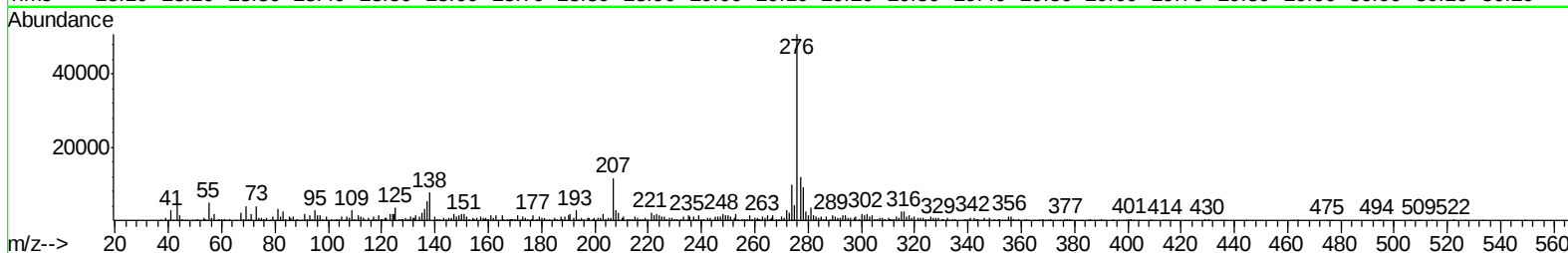
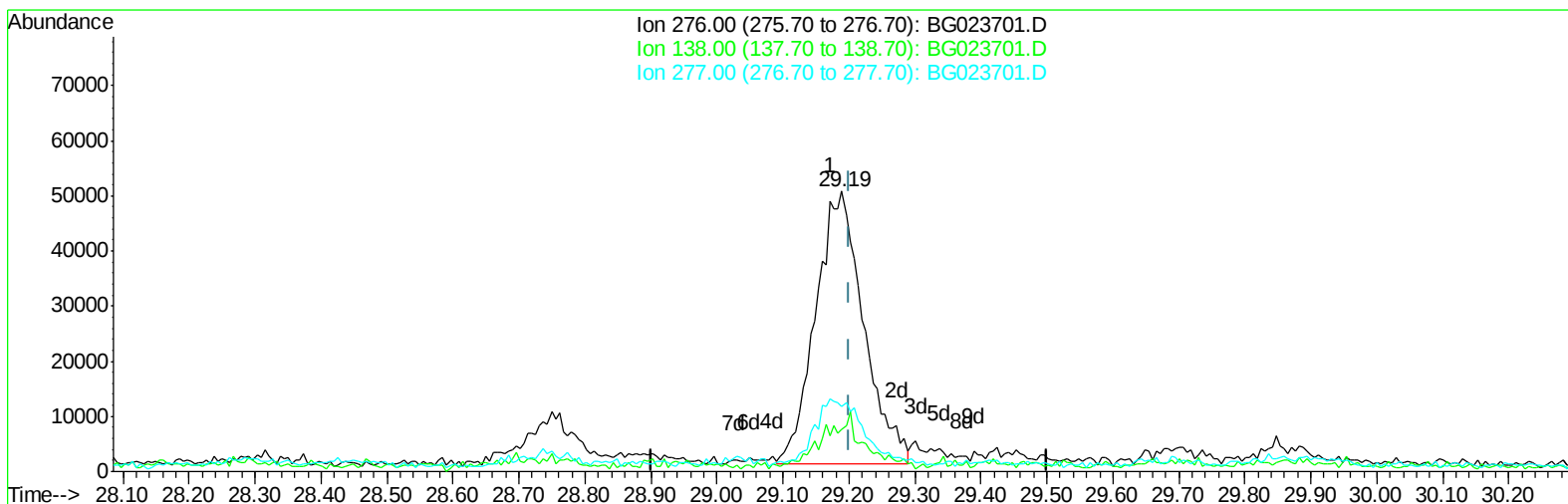
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023701.D
 Acq On : 13 Aug 2016 23:31
 Operator : UM/SJ
 Sample : H4385-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-1218-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

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

29.190min (-0.011) 5.85ng/ul m

response 247606

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	15.18#
277.00	22.00	23.30
0.00	0.00	0.00

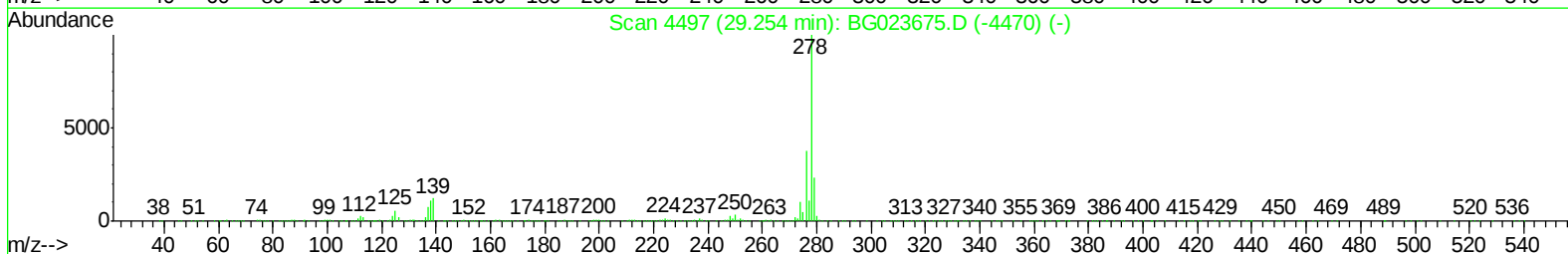
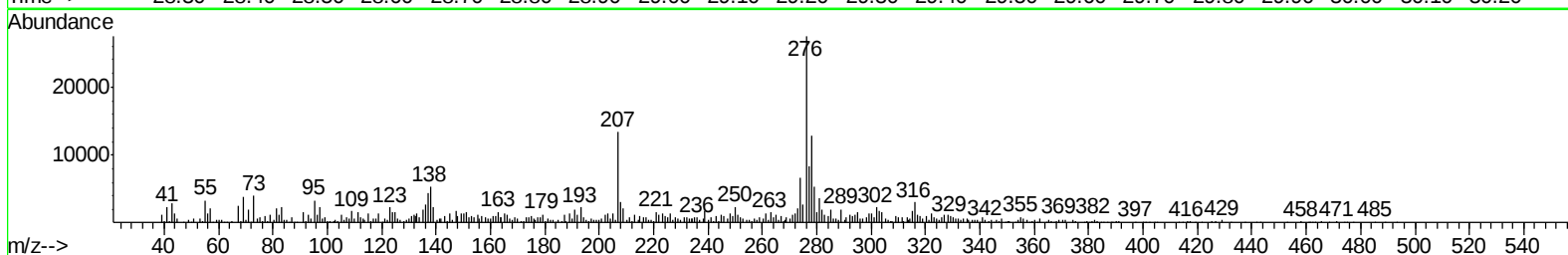
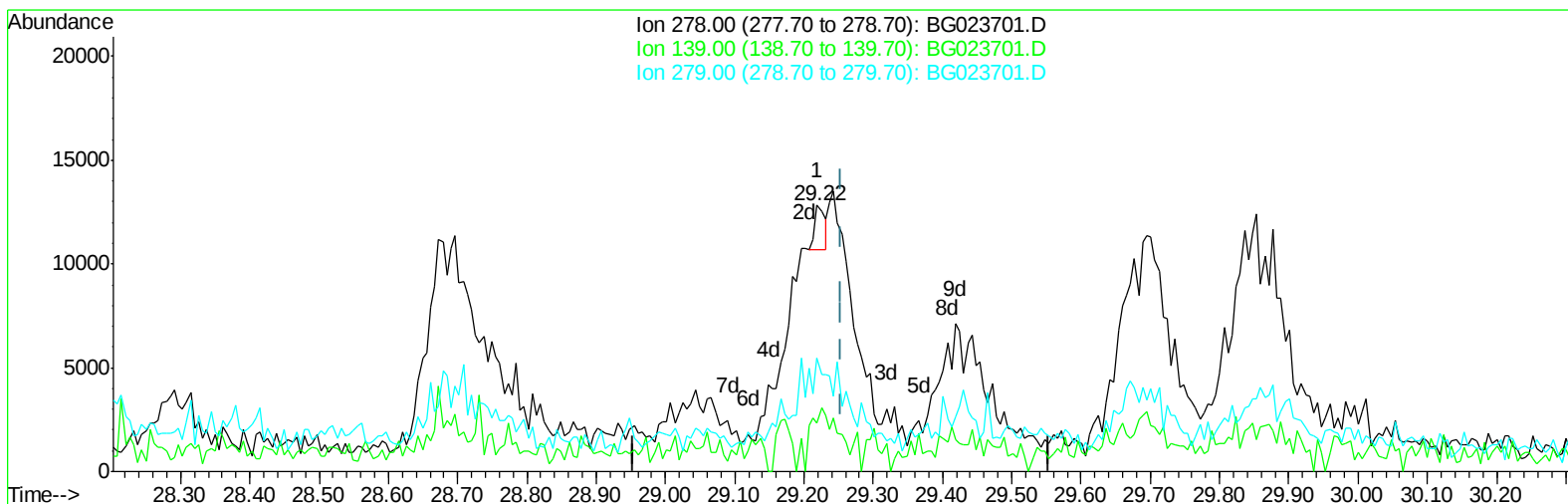
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(90) Dibenzo(a,h)anthracene

29.219min (-0.035) 0.06ng/ul

response 2070

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	18.18
279.00	23.90	42.47#
0.00	0.00	0.00

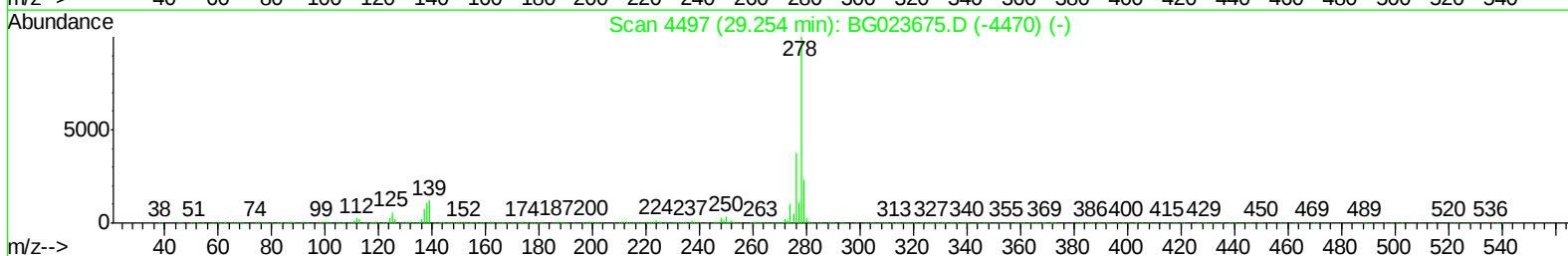
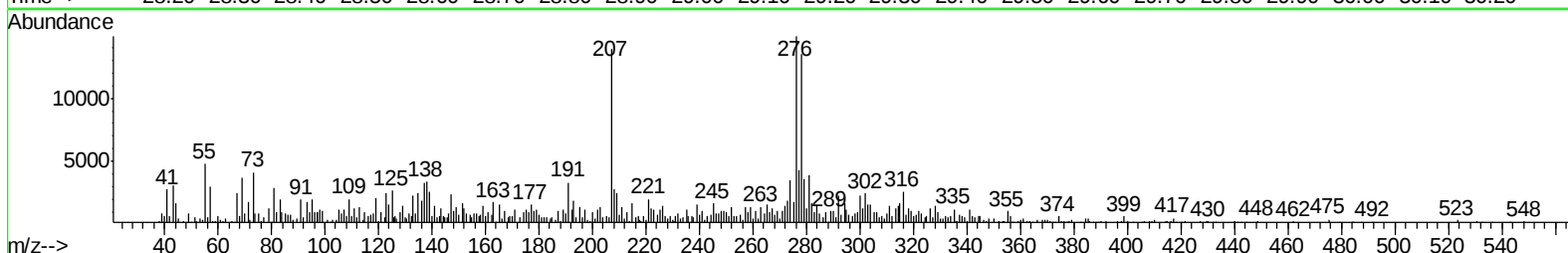
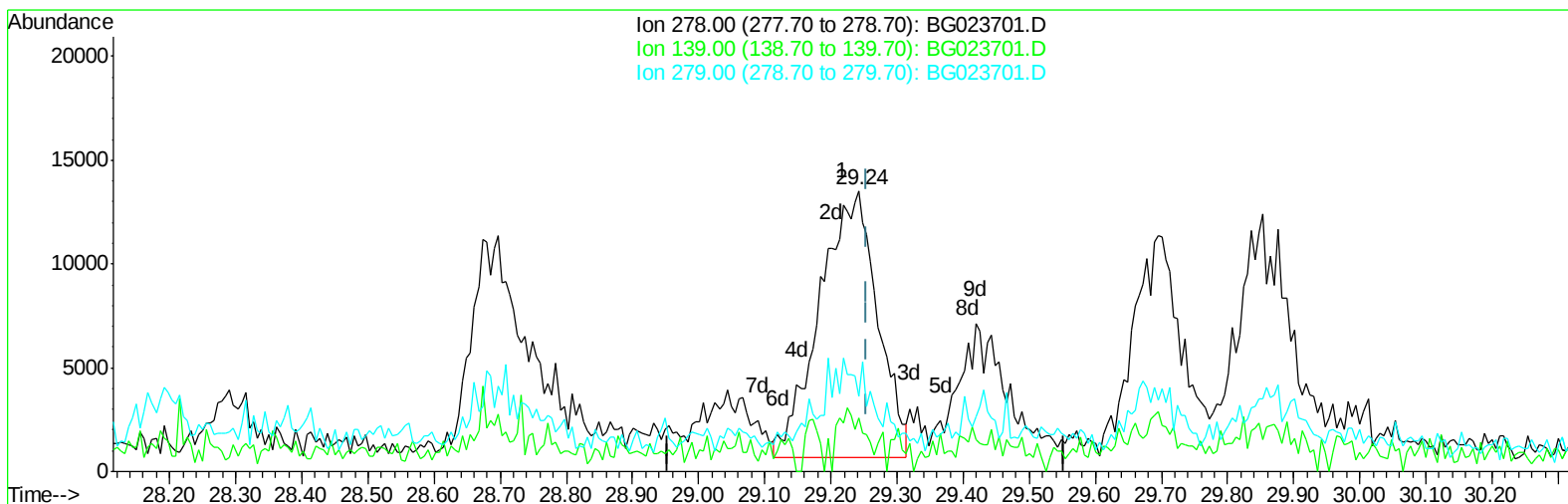
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023701.D
 Acq On : 13 Aug 2016 23:31
 Operator : UM/SJ
 Sample : H4385-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-1218-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(90) Dibenzo(a,h)anthracene

29.243min (-0.011) 2.16ng/ul m

response 78066

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	18.97
279.00	23.90	26.94
0.00	0.00	0.00

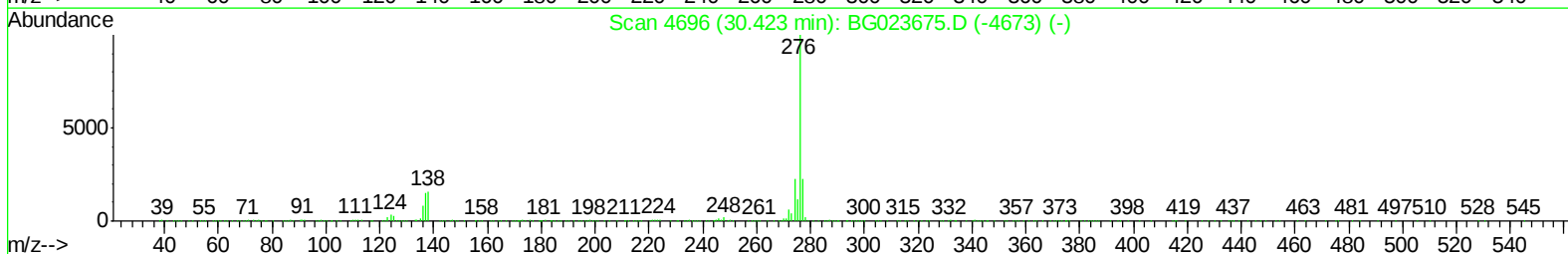
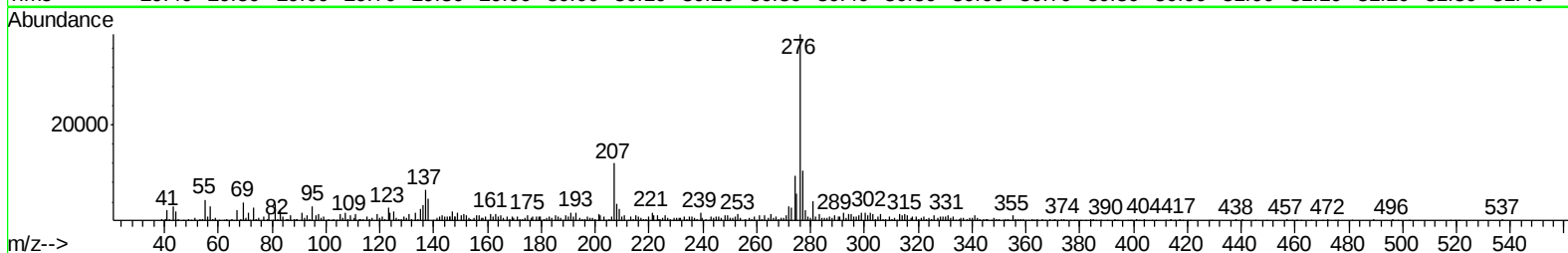
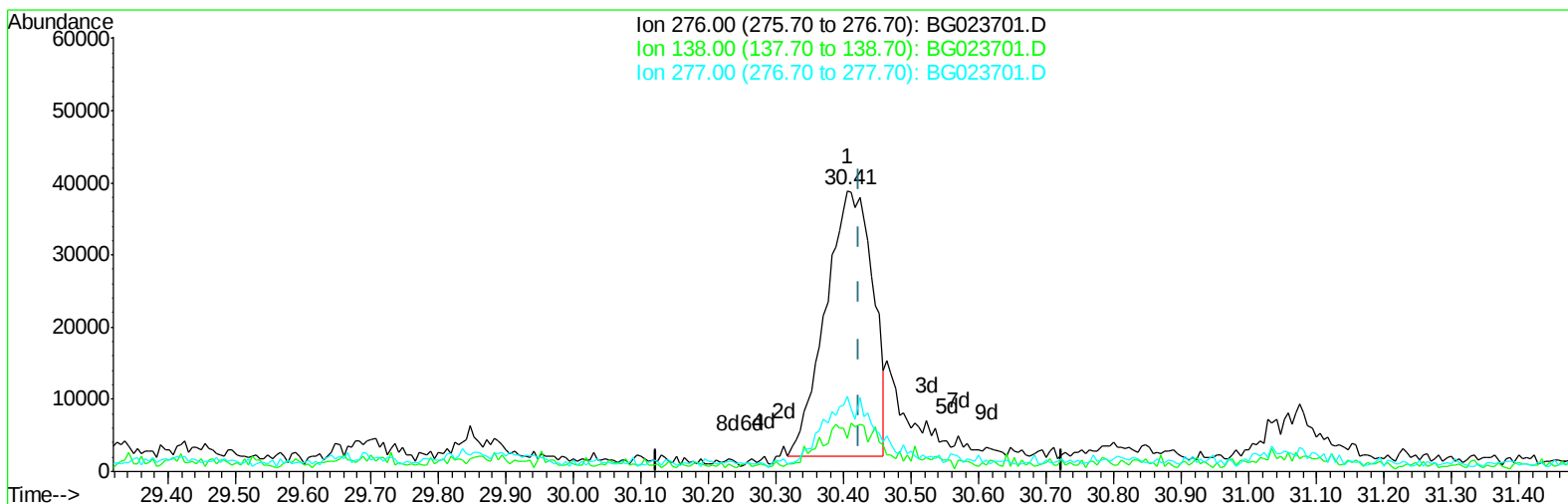
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

(91) Benzo(g,h,i)perylene
30.406min (-0.017) 5.07ng/ul
response 177904

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	11.78#
277.00	21.20	26.96#
0.00	0.00	0.00

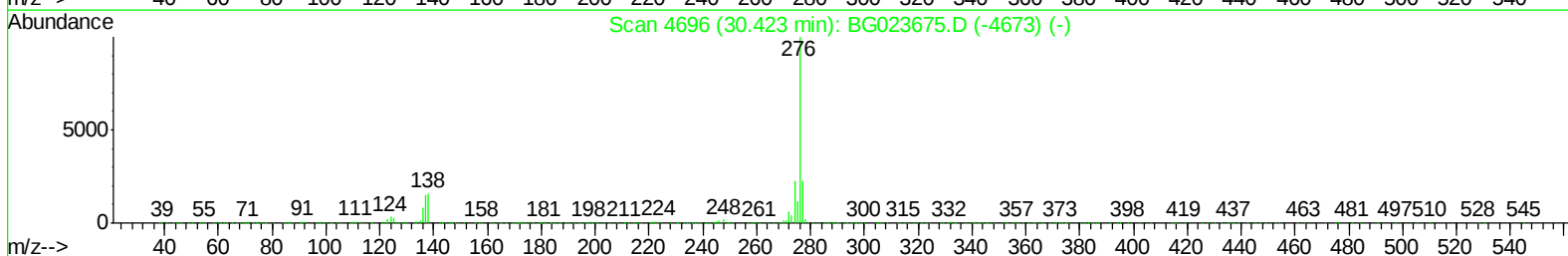
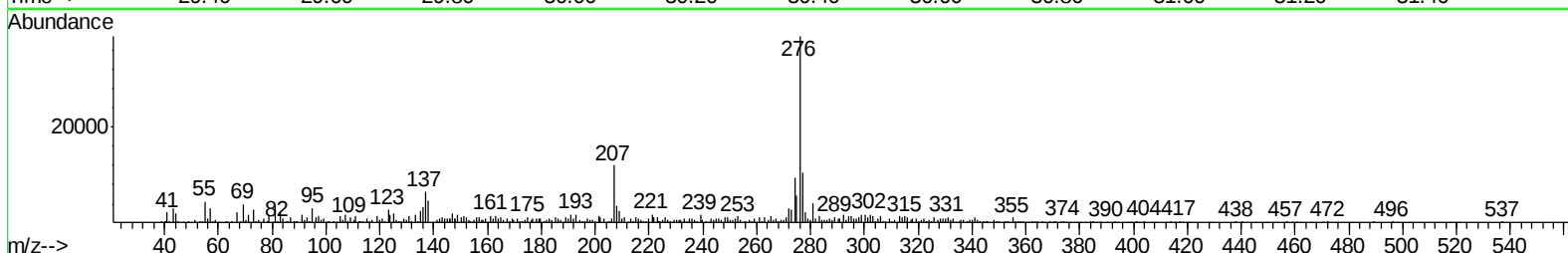
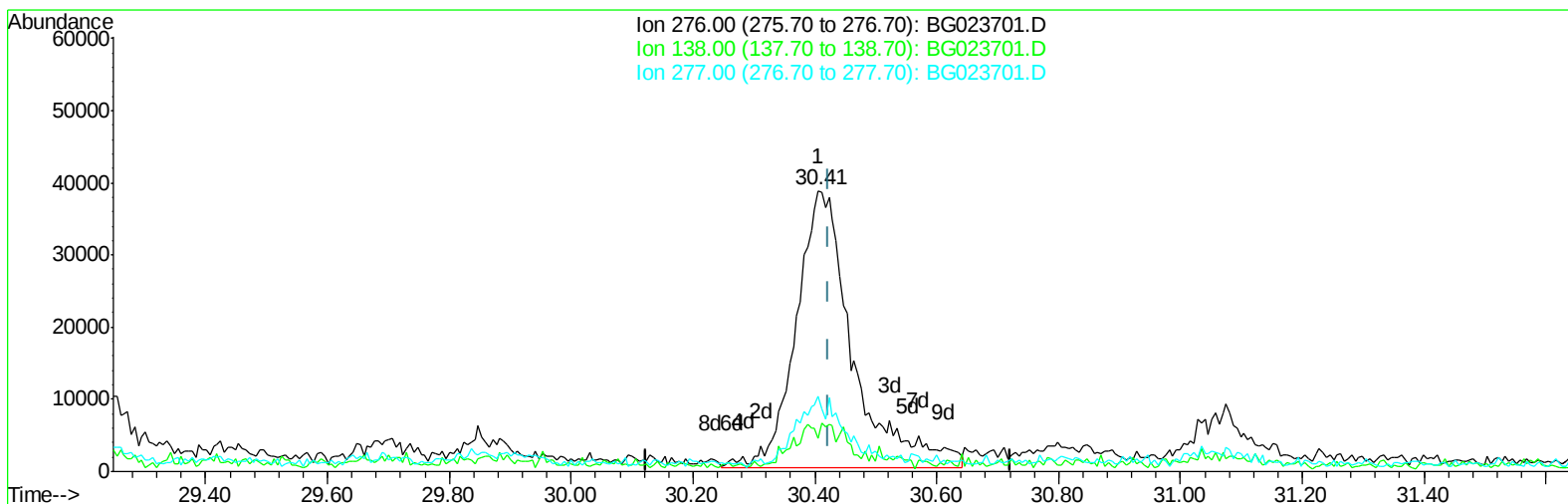
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 18:58:43 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: BG023701.D

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

30.406min (-0.017) 7.09ng/ul m

response 248770

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	11.78#
277.00	21.20	26.96#
0.00	0.00	0.00

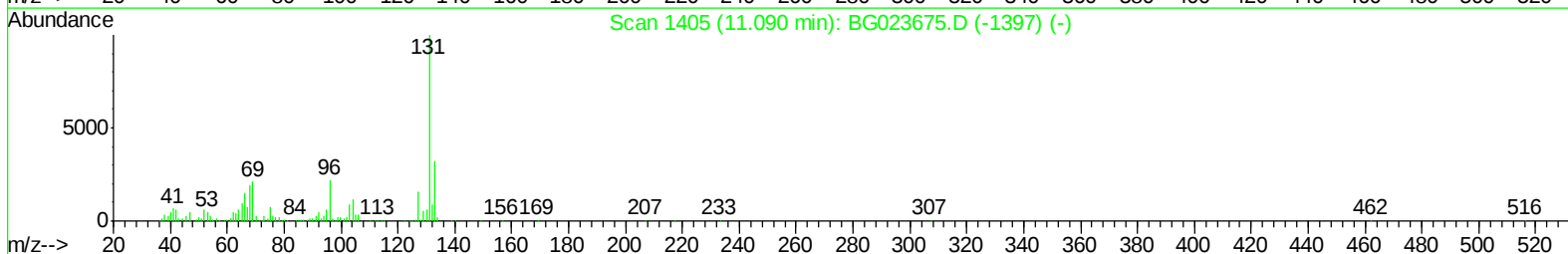
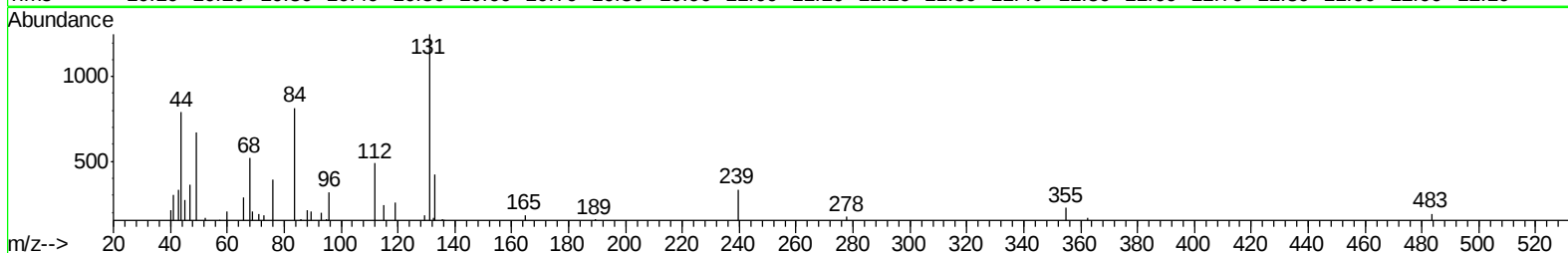
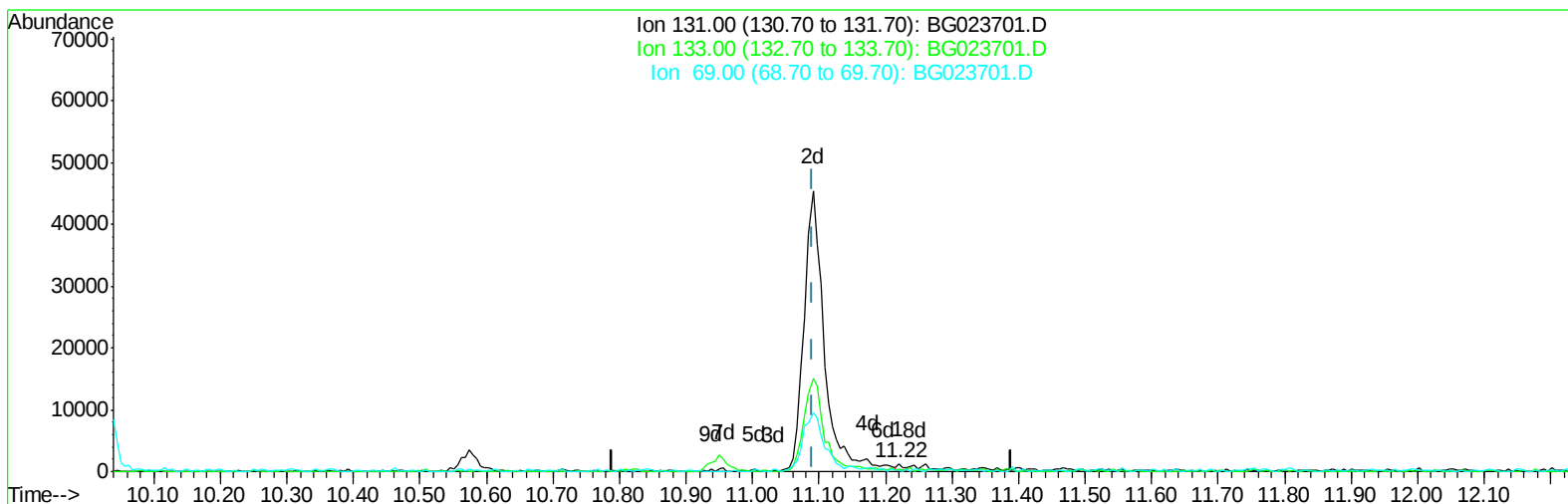
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 19:05:36 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: BG023701.D

(29) 4-Chloroaniline-d4 (S)
11.220min (+0.130) 0.07ng/ul
response 716

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	33.55
69.00	15.40	16.49
0.00	0.00	0.00

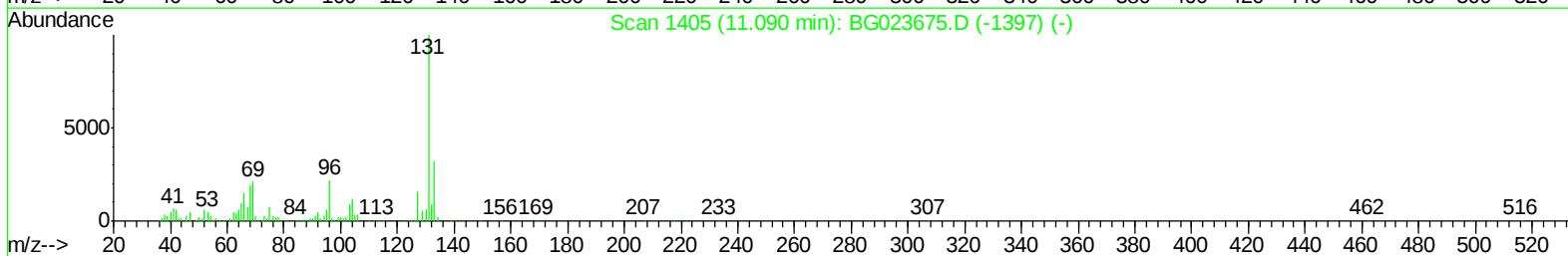
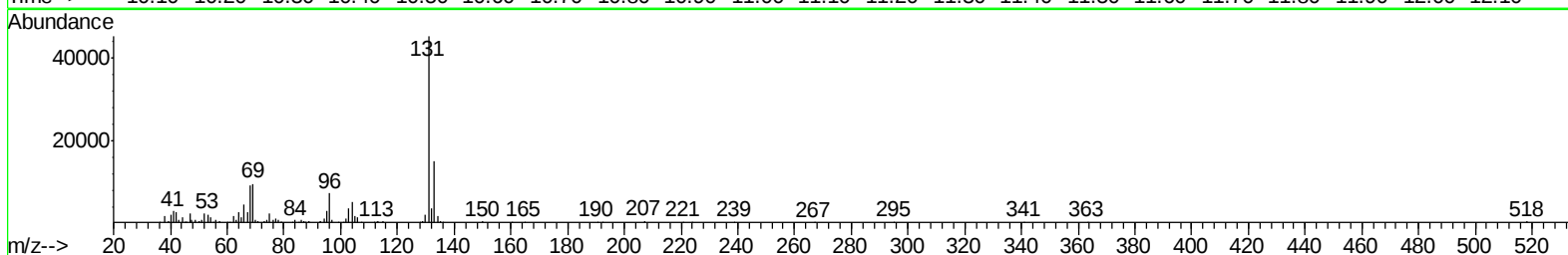
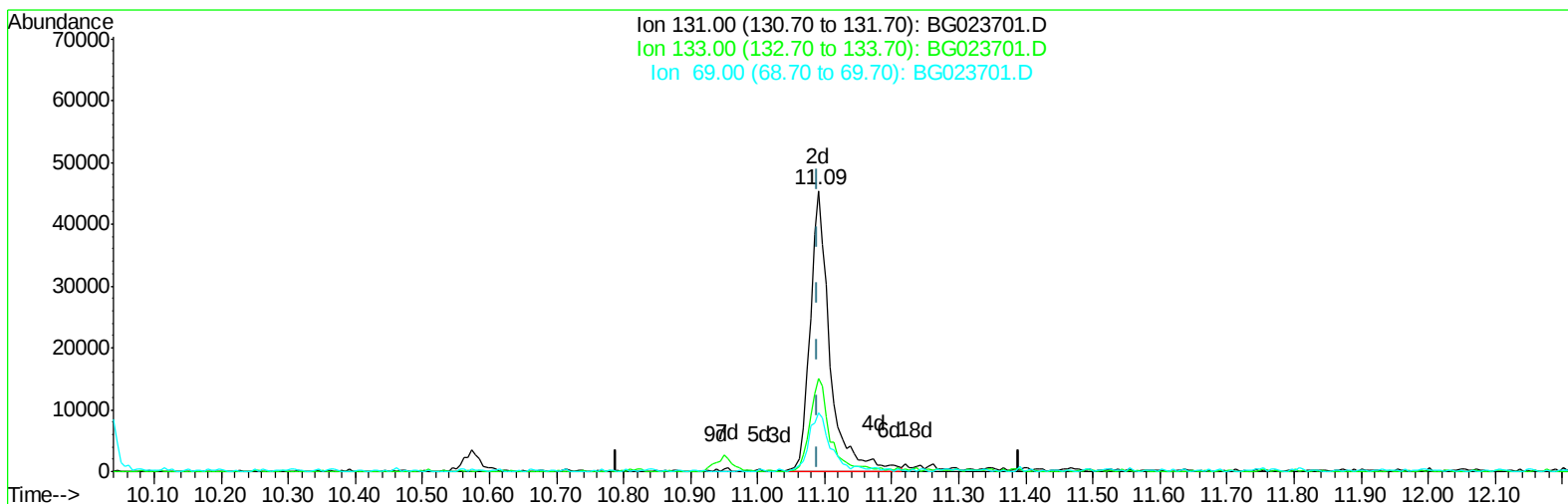
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 19:05:36 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: BG023701.D

(29) 4-Chloroaniline-d4 (S)

11.091min (+0.000) 9.68ng/ul m

response 94785

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	33.35
69.00	15.40	21.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
 Data File : BG023701.D
 Acq On : 13 Aug 2016 23:31
 Operator : UM/SJ
 Sample : H4385-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-1218-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 6:59:39 PM

Quant Time: Aug 15 19:06:34 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	108119	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	488807	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	306440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	704703	20.00	ng/ul	0.09
75) Chrysene-d12	21.88	240	642787m	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	655921	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	7695	3.03	ng/uL	0.00
5) Phenol-d5	7.27	99	213795	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	146841	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	158179	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	119102	14.01	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	88167m	22.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	102987	23.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	178604	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	94785m	9.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	581481	23.18	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	694773	24.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	69772	16.29	ng/ul	0.01
57) Fluorene-d10	15.78	176	516876	22.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	71023m	15.71	ng/ul	0.00
70) Anthracene-d10	17.65	188	704985m	22.20	ng/ul	0.00
76) Pyrene-d10	19.94	212	757250	23.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	730334	24.60	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	14.23	163	264828	10.66	ng/ul	Ovalue 98
47) Acenaphthylene	14.51	152	81159	2.75	ng/ul	96
58) Fluorene	15.84	166	26417	1.06	ng/ul#	93
69) Phenanthrene	17.59	178	495564	13.58	ng/ul	96
71) Anthracene	17.69	178	58533m	1.57	ng/ul	
74) Fluoranthene	19.61	202	764496m	20.46	ng/ul	
77) Pyrene	19.97	202	928436m	23.36	ng/ul	
80) Benzo(a)anthracene	21.85	228	474352m	13.10	ng/ul	
82) Chrysene	21.92	228	490114	14.89	ng/ul	96
85) Benzo(b)fluoranthene	24.20	252	525704	14.09	ng/ul#	94
86) Benzo(k)fluoranthene	24.26	252	192363m	5.24	ng/ul	
88) Benzo(a)pyrene	25.11	252	410648	11.40	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.19	276	247606m	5.85	ng/ul	
90) Dibenzo(a,h)anthracene	29.24	278	78066m	2.16	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	248770m	7.09	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023701.D
Acq On : 13 Aug 2016 23:31
Operator : UM/SJ
Sample : H4385-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-1218-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:39 PM

Quant Time: Aug 15 19:06:34 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

