

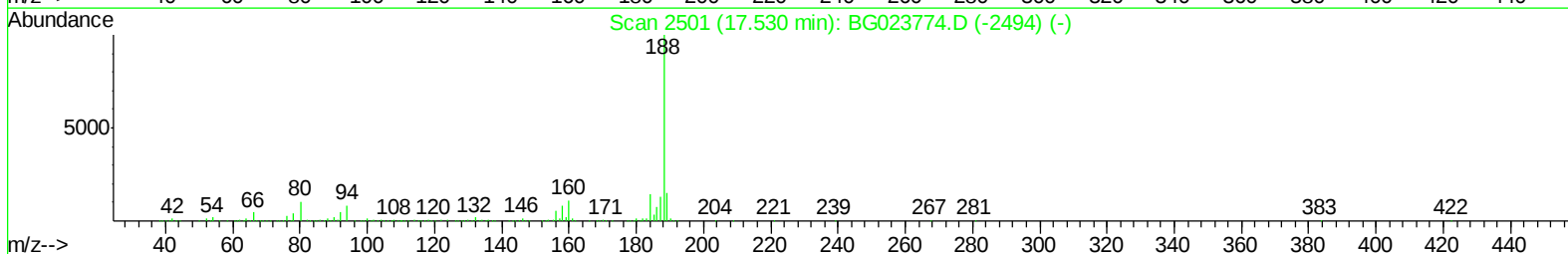
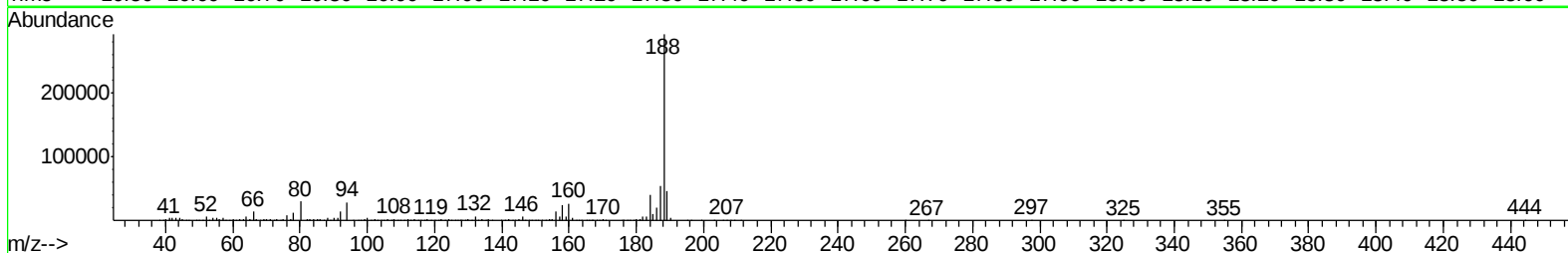
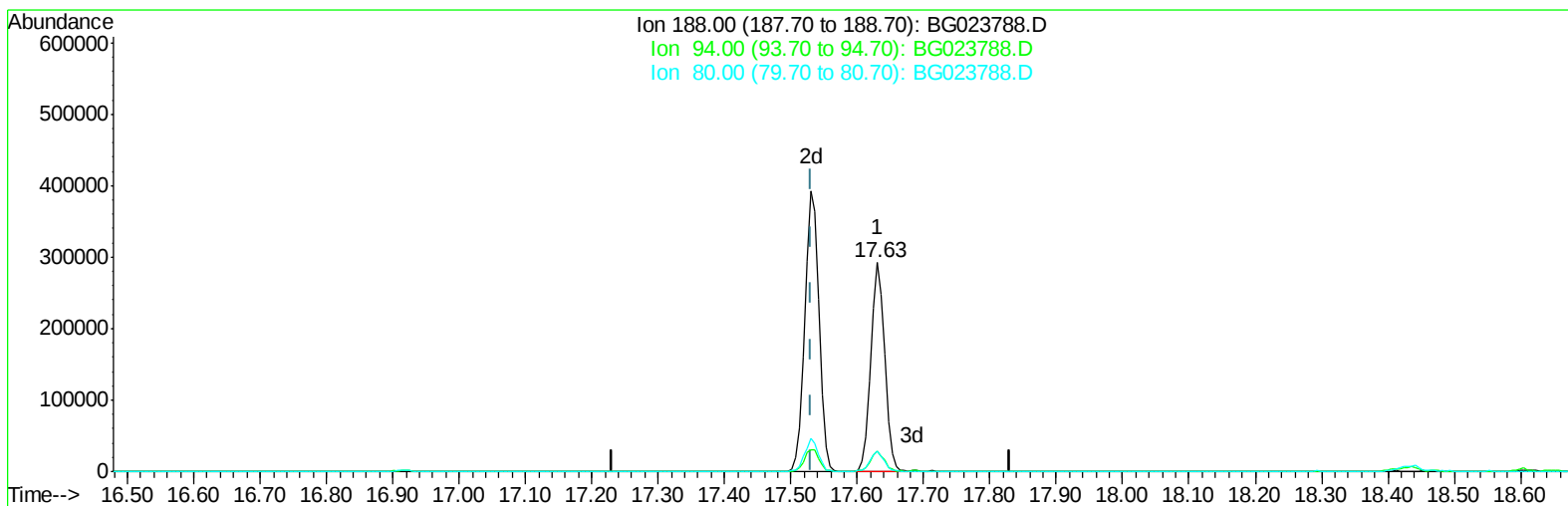
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:46:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(61) Phenanthrene-d10 (I)

17.630min (+0.100) 20.00ng/ul

response 432370

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.72
80.00	10.90	10.08
0.00	0.00	0.00

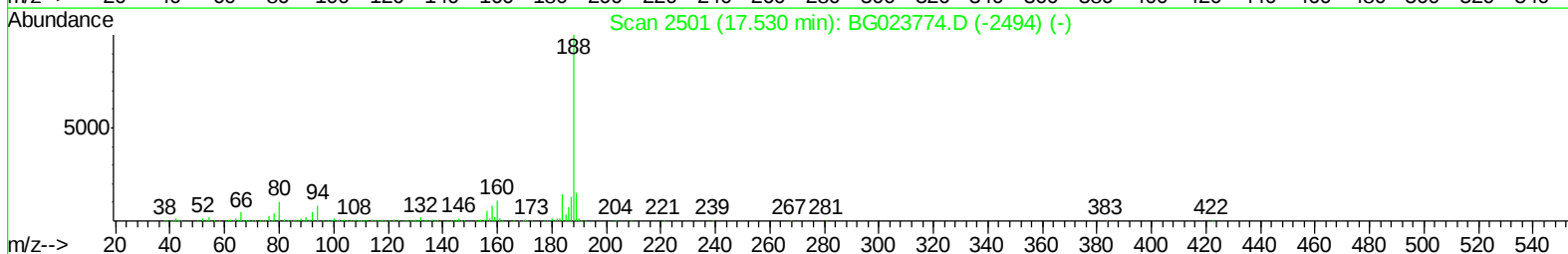
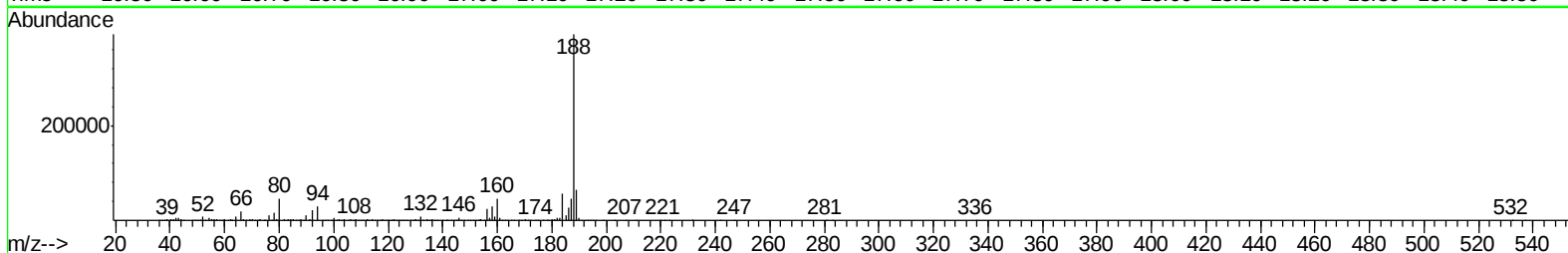
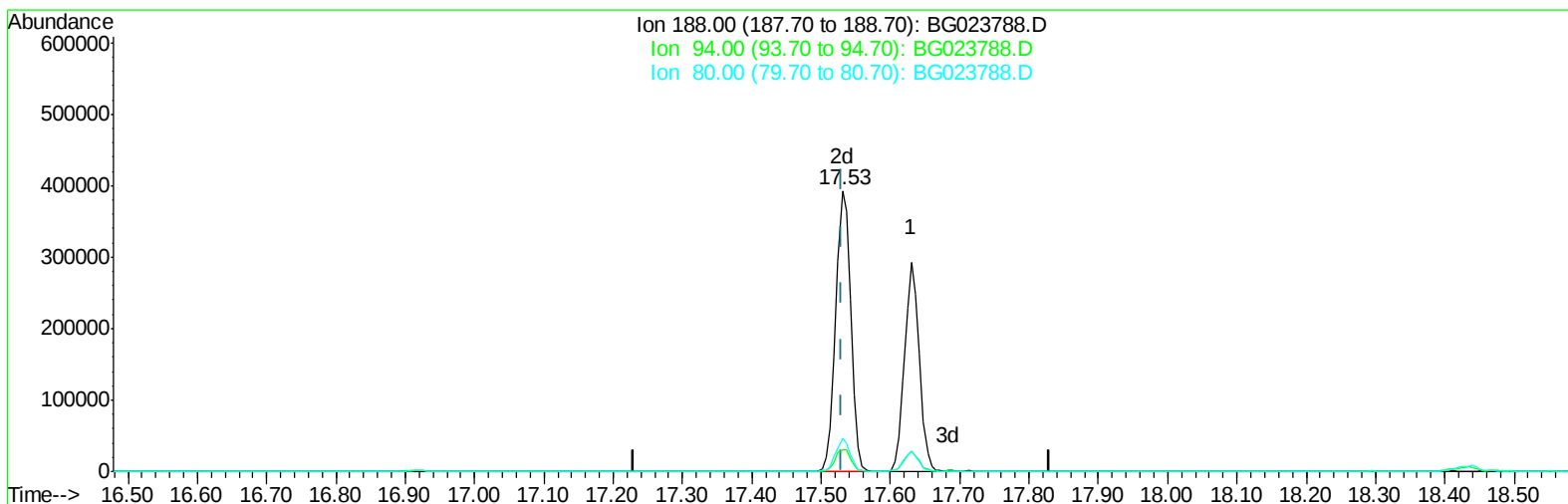
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(61) Phenanthrene-d10 (I)

17.530min (-0.000) 20.00ng/ul m

response 594995

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.82#
80.00	10.90	11.89
0.00	0.00	0.00

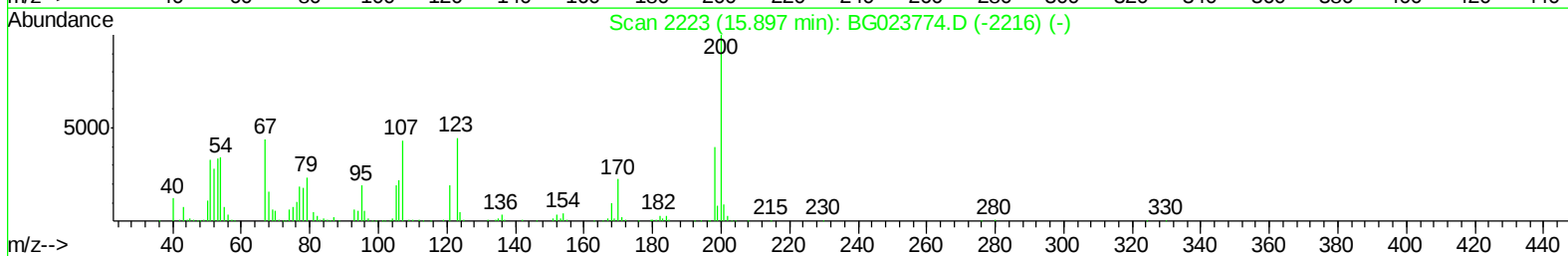
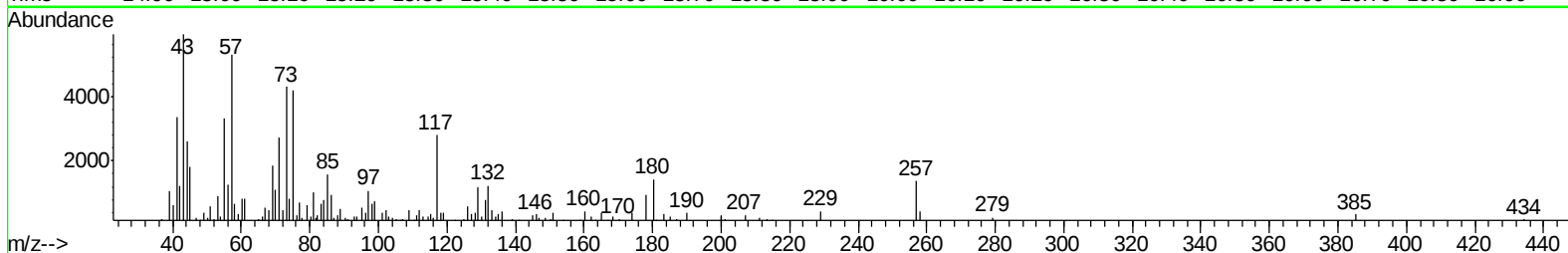
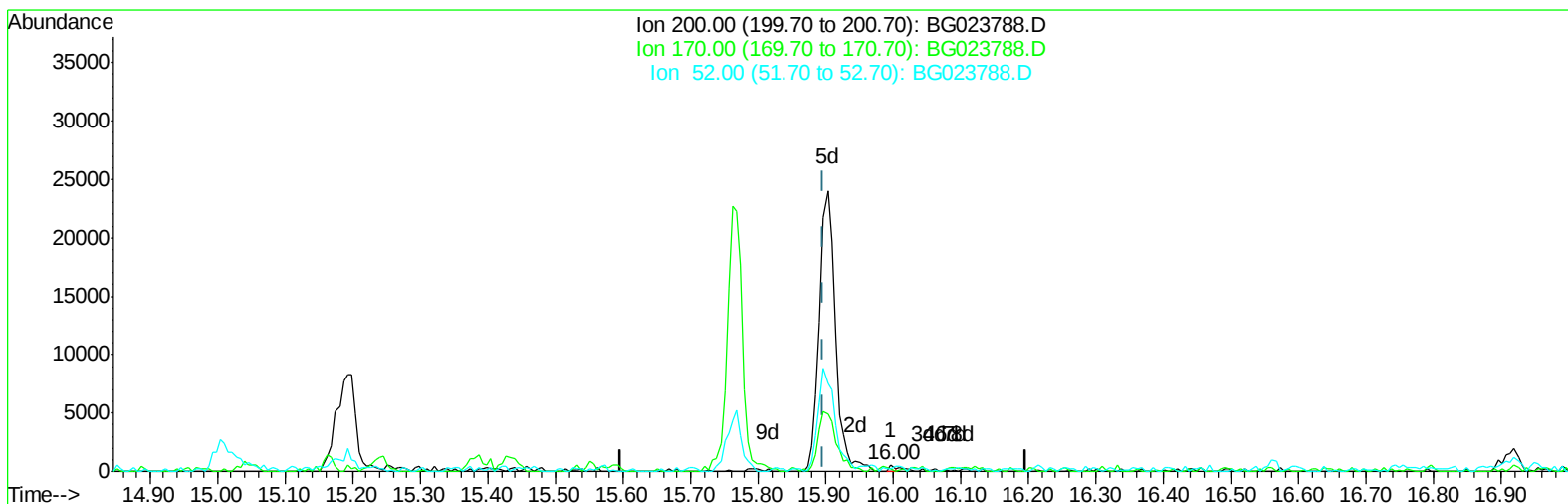
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

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

15.997min (+0.100) 0.08ng/ul

response 288

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	34.98#
52.00	32.20	35.32
0.00	0.00	0.00

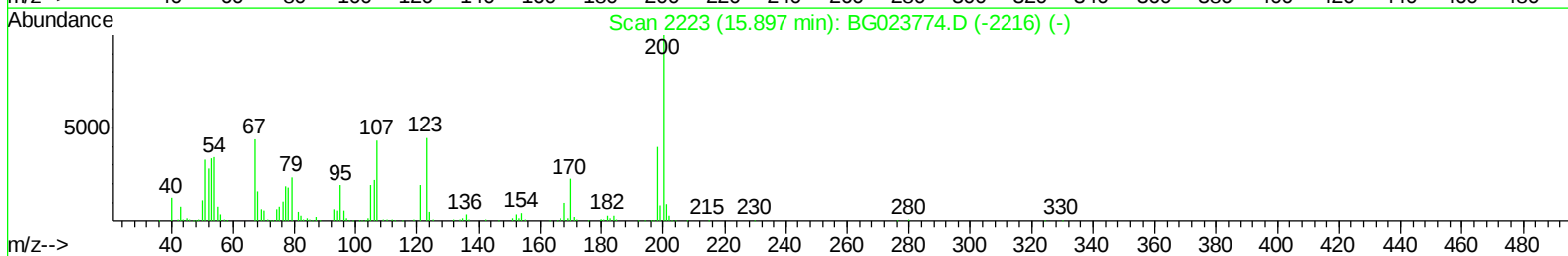
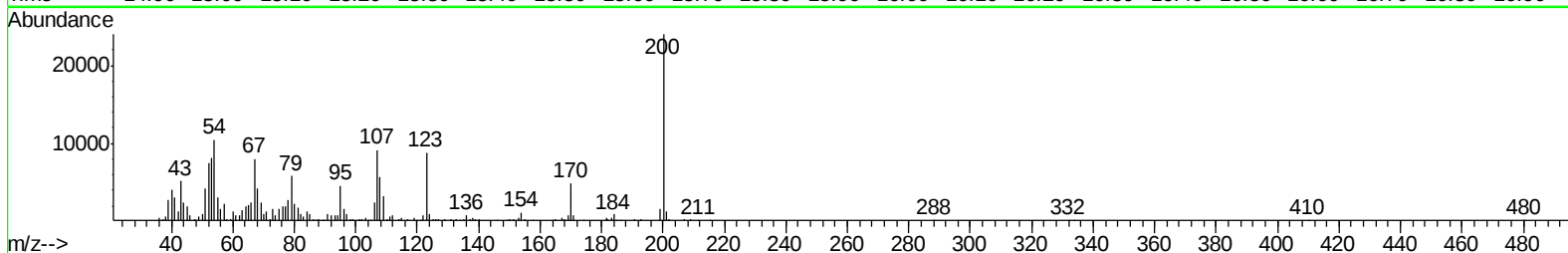
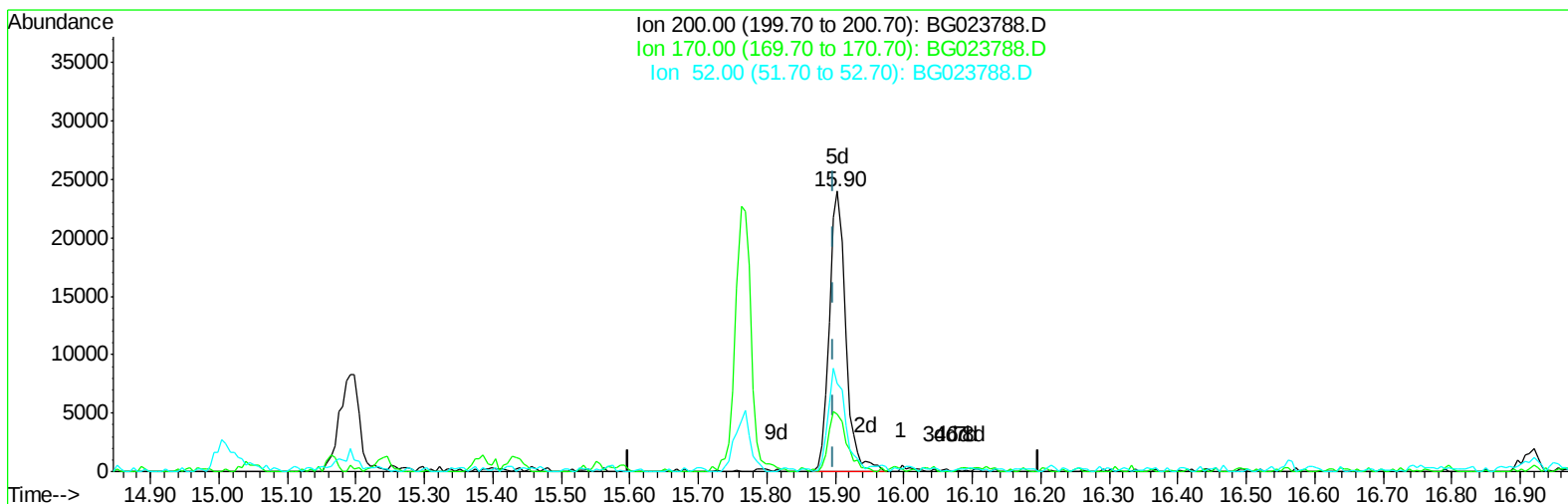
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

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

15.903min (+0.006) 10.45ng/ul m

response 39425

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	20.38#
52.00	32.20	31.54
0.00	0.00	0.00

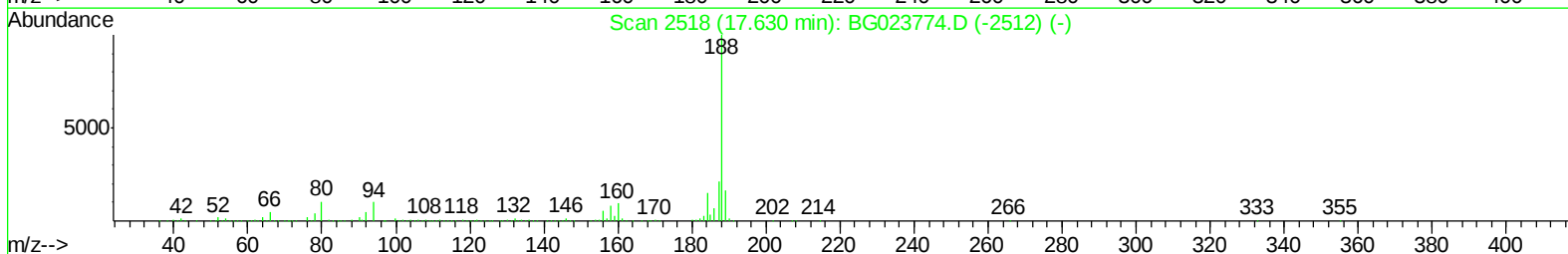
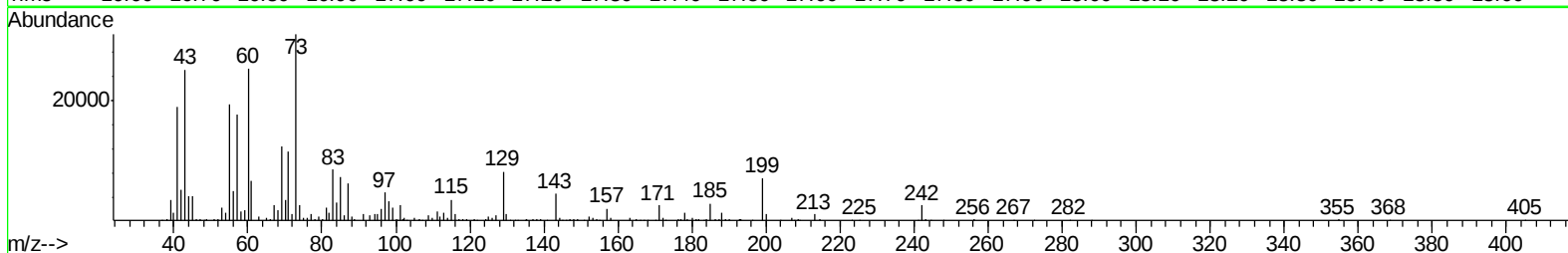
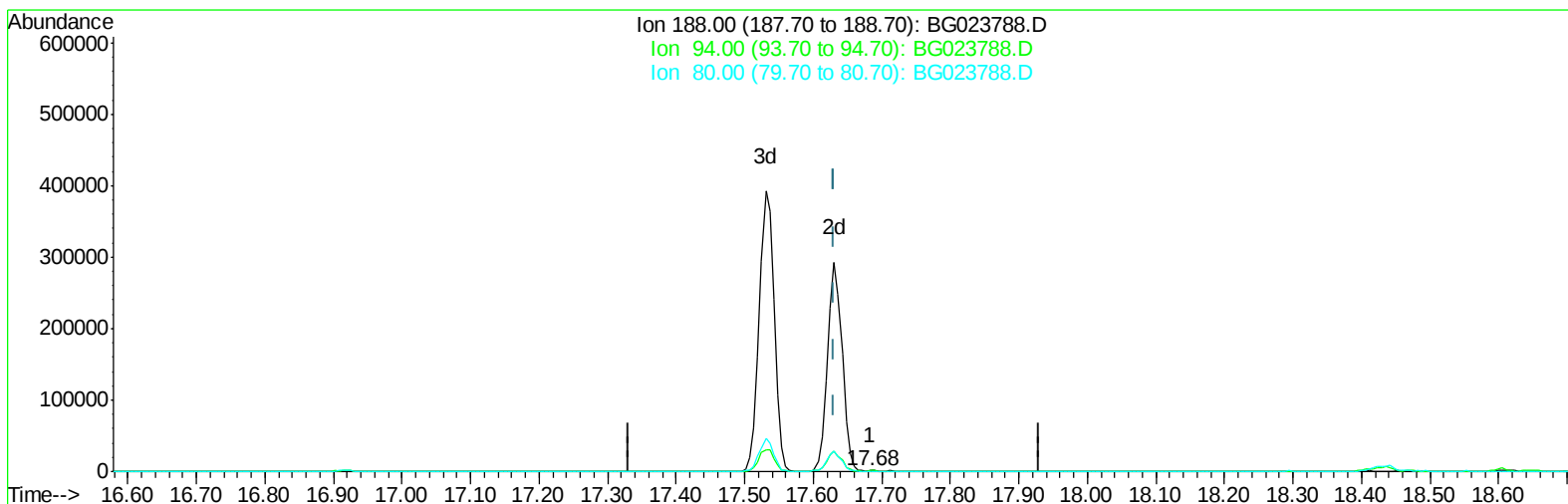
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
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Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(70) Anthracene-d10 (S)

17.683min (+0.053) 0.04ng/ul

response 970

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	95.72#
80.00	11.90	30.18#
0.00	0.00	0.00

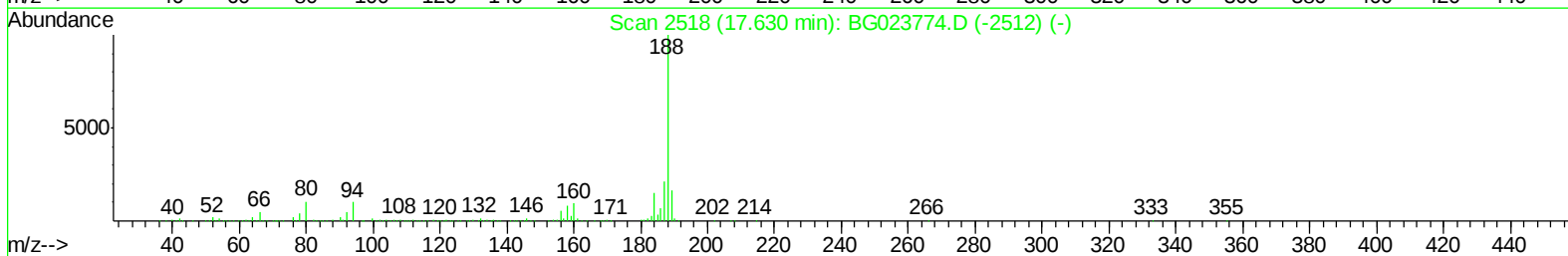
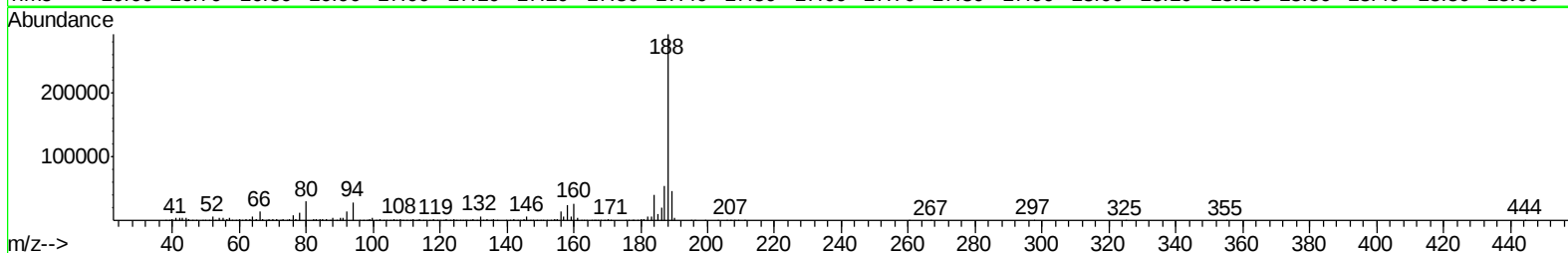
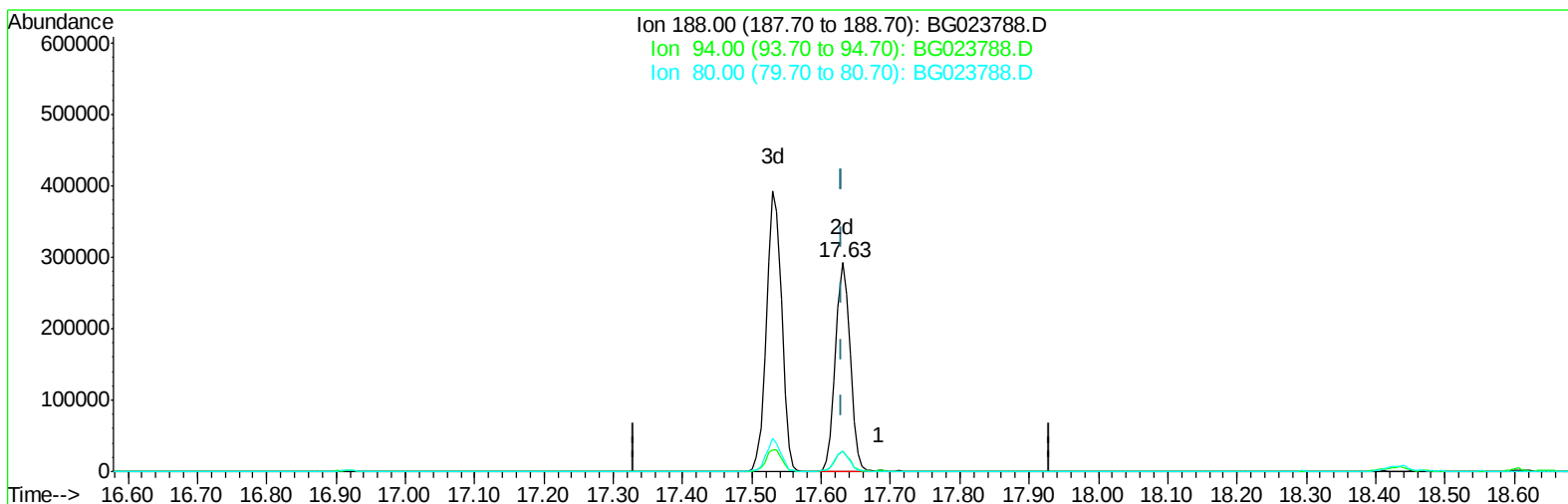
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM



TIC: BG023788.D

(70) Anthracene-d10 (S)

17.630min (-0.000) 15.78ng/ul m

response 432980

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.72#
80.00	11.90	10.08
0.00	0.00	0.00

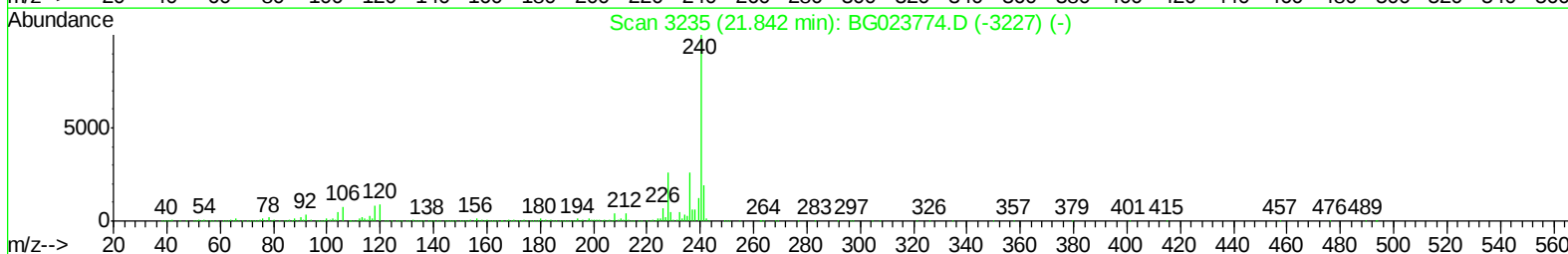
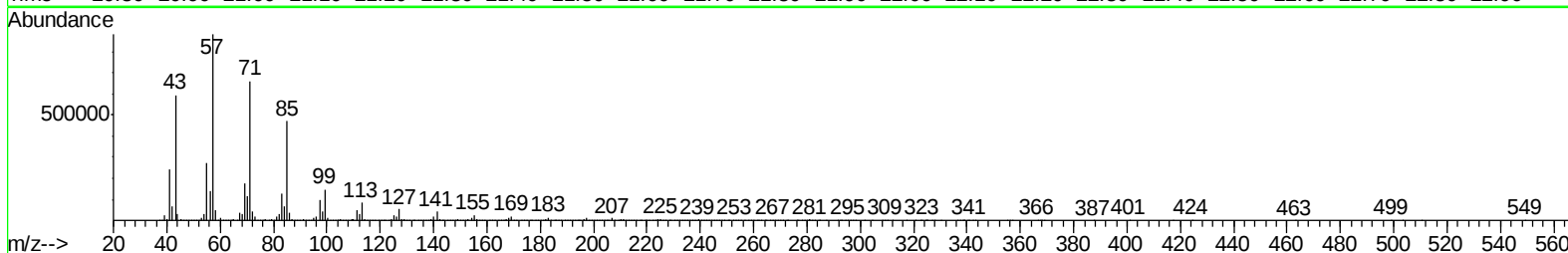
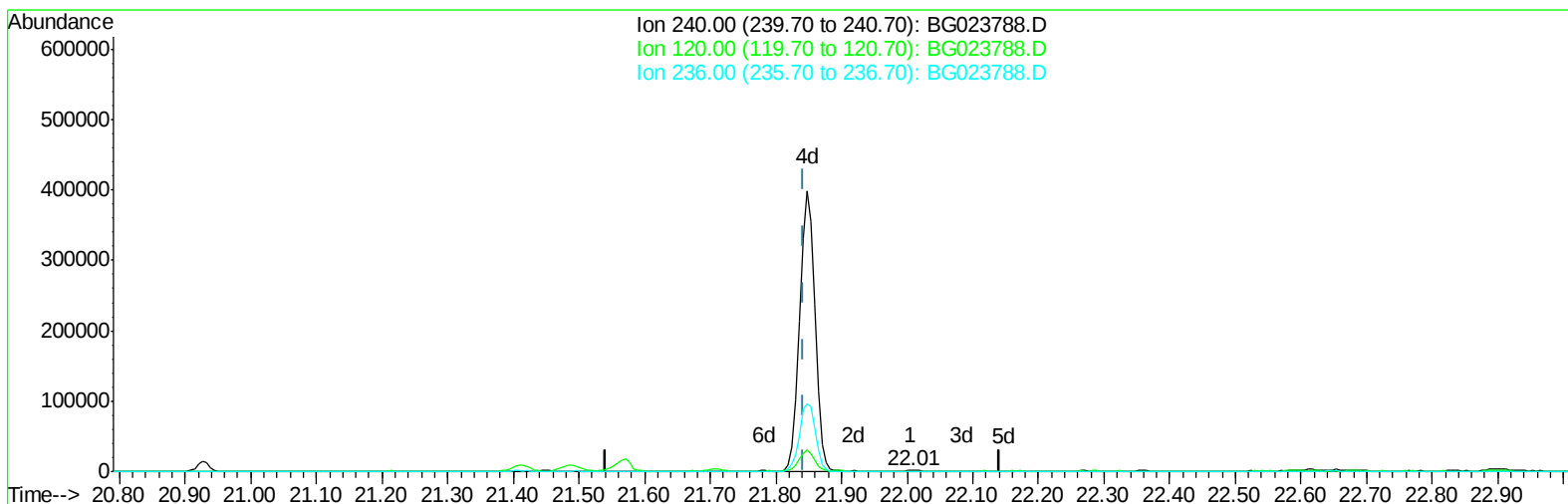
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

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TIC: BG023788.D

(75) Chrysene-d12 (I)

22.007min (+0.164) 20.00ng/ul

response 1116

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	52.76#
236.00	26.10	24.31
0.00	0.00	0.00

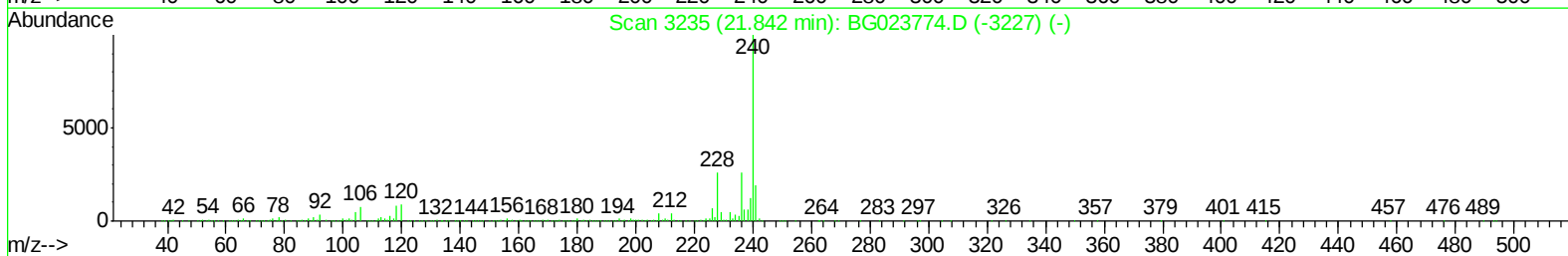
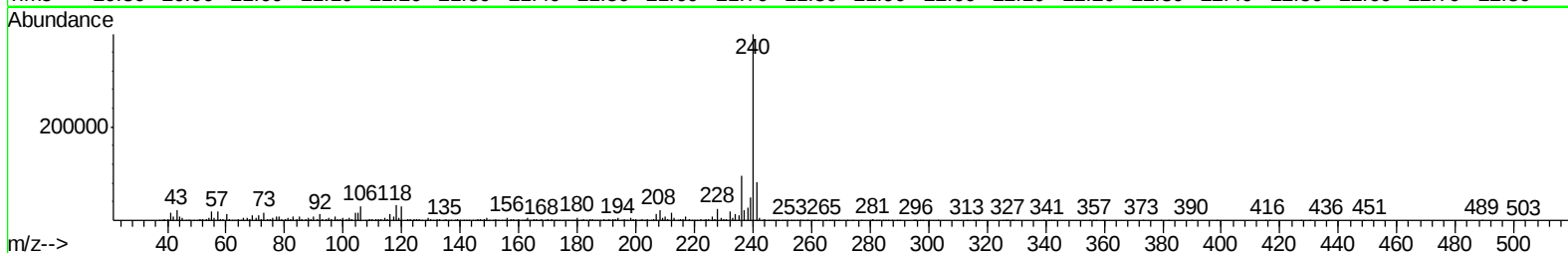
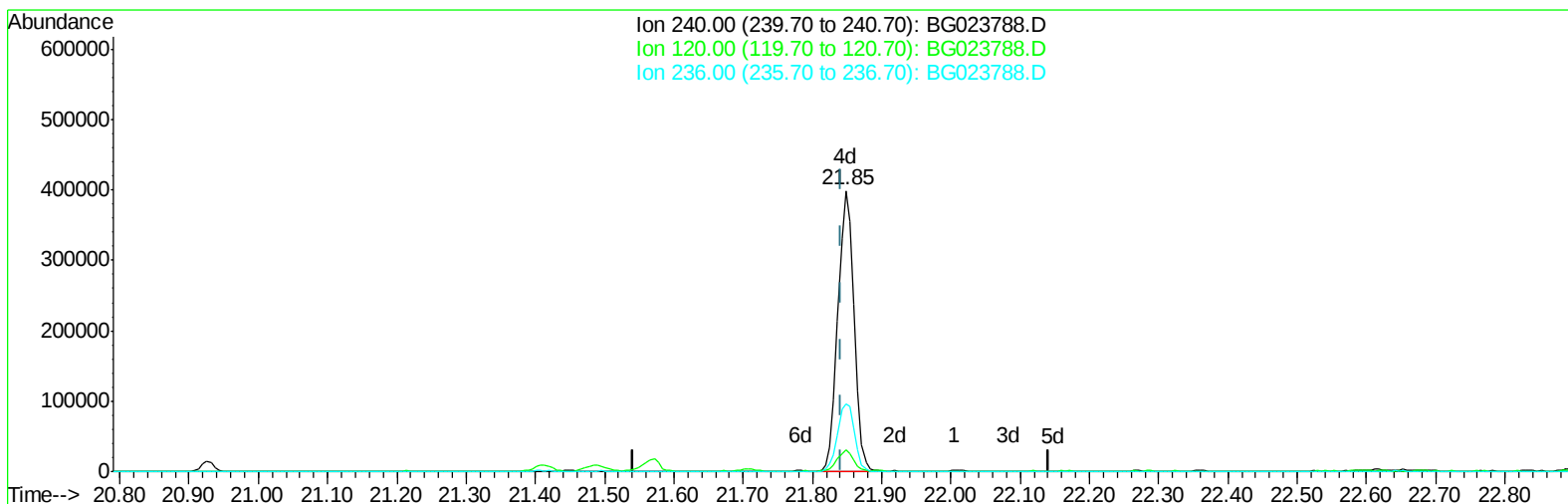
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:47:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(75) Chrysene-d12 (I)

21.848min (+0.006) 20.00ng/ul m

response 653873

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	7.66#
236.00	26.10	24.23
0.00	0.00	0.00

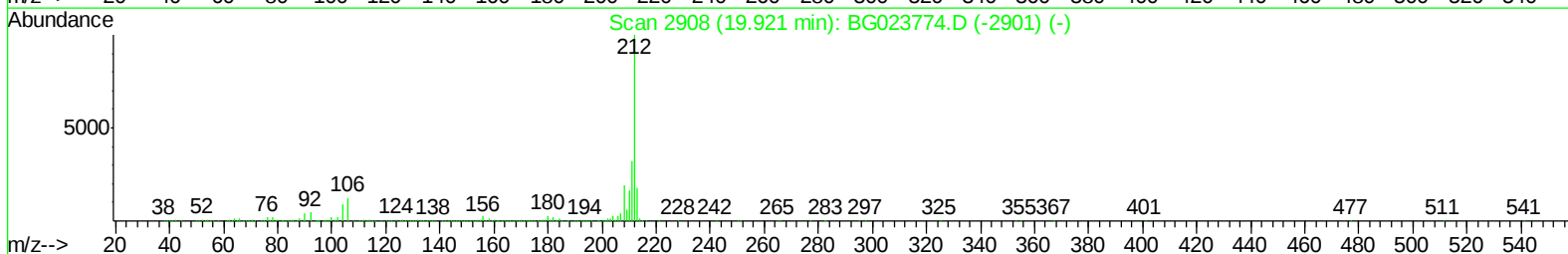
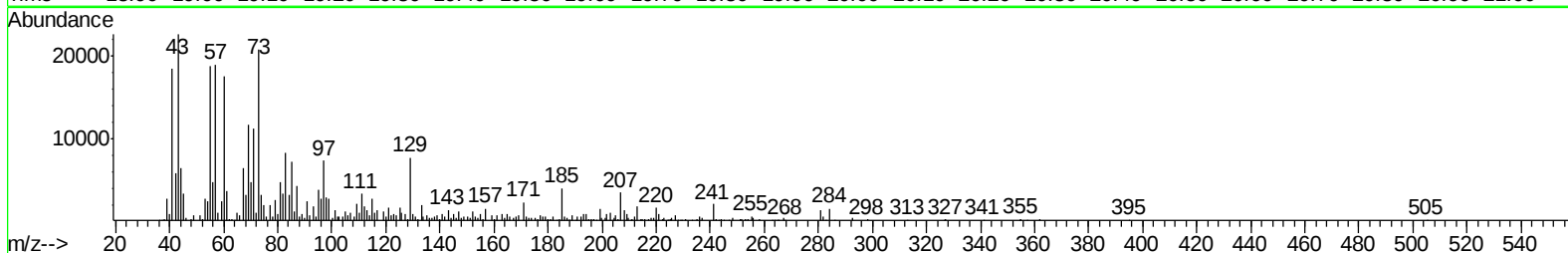
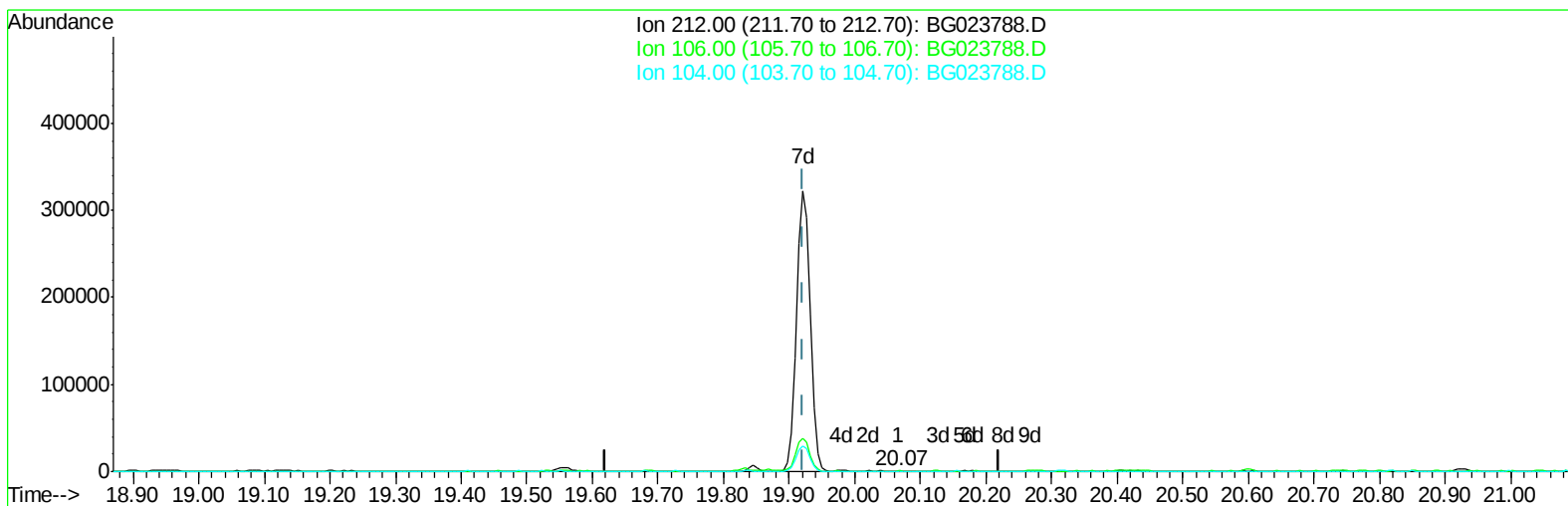
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:49:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(76) Pyrene-d10 (S)

20.068min (+0.147) 0.03ng/ul

response 1086

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	125.88#
104.00	11.70	95.87#
0.00	0.00	0.00

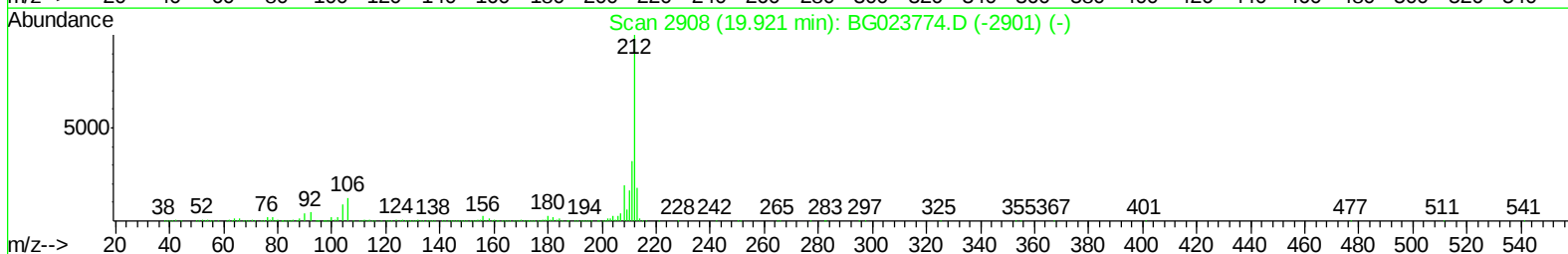
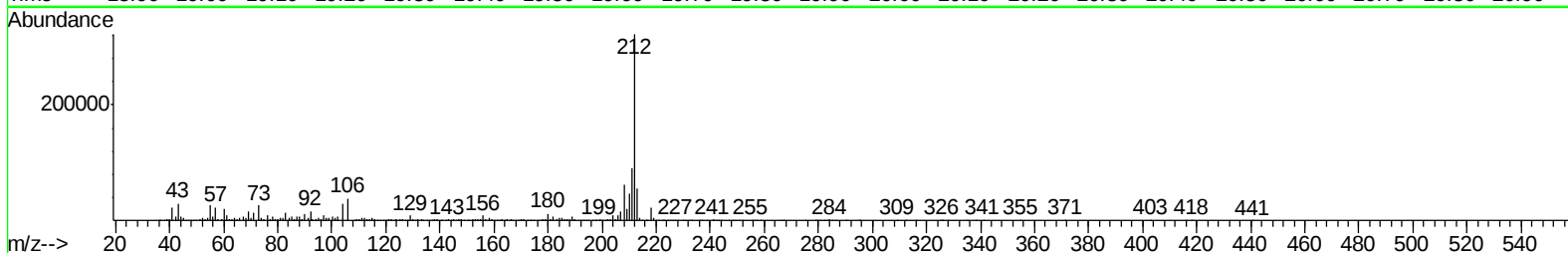
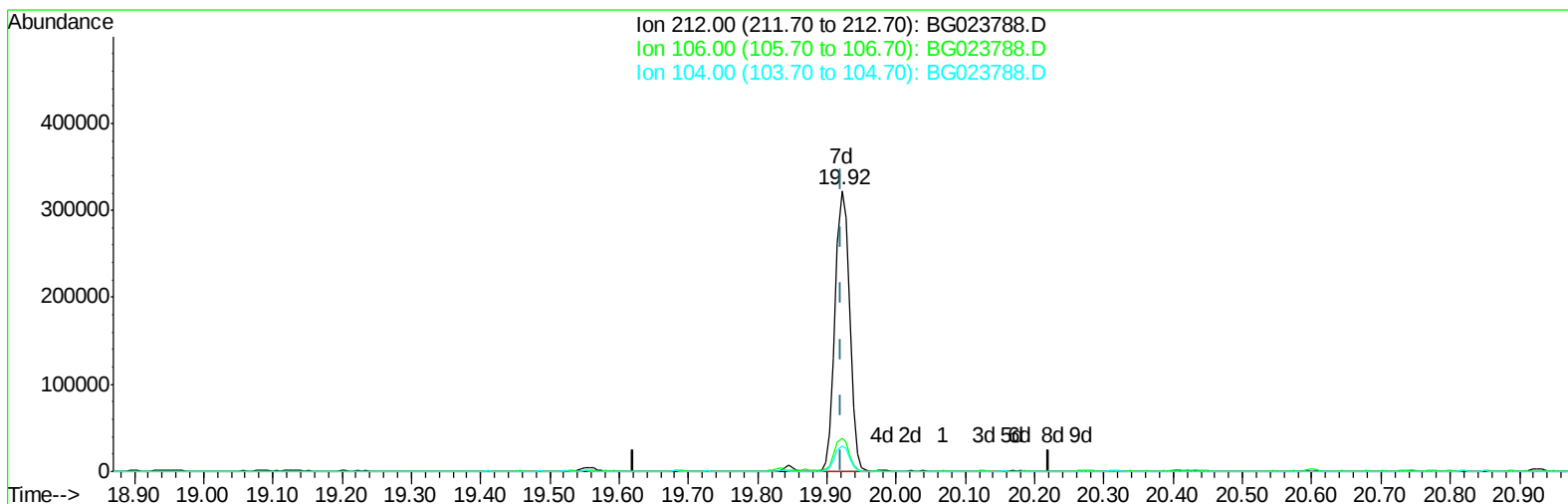
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:49:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(76) Pyrene-d10 (S)

19.921min (-0.000) 15.07ng/ul m

response 472810

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	12.03#
104.00	11.70	8.89#
0.00	0.00	0.00

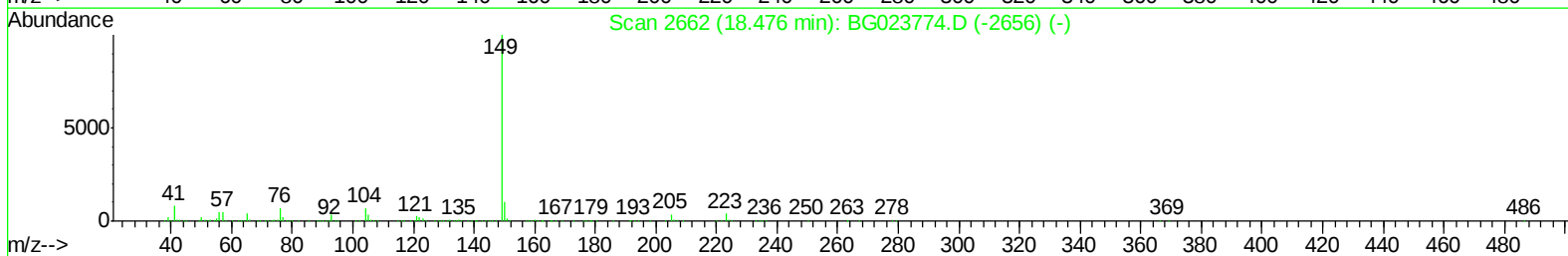
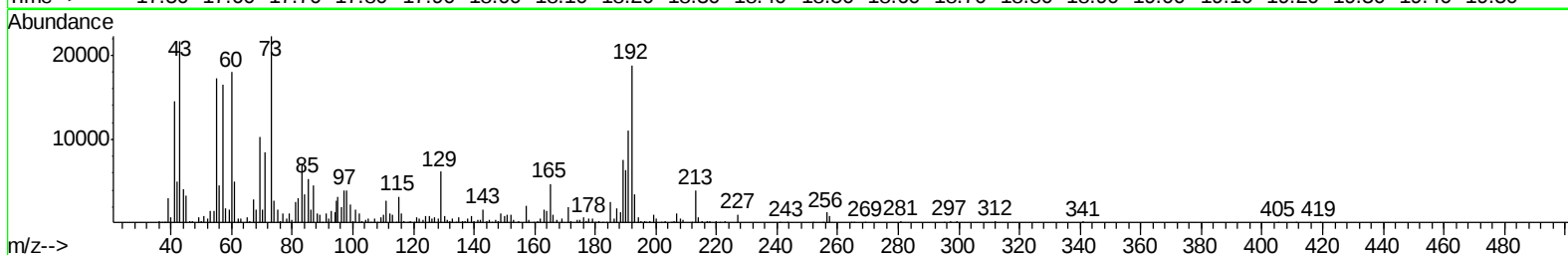
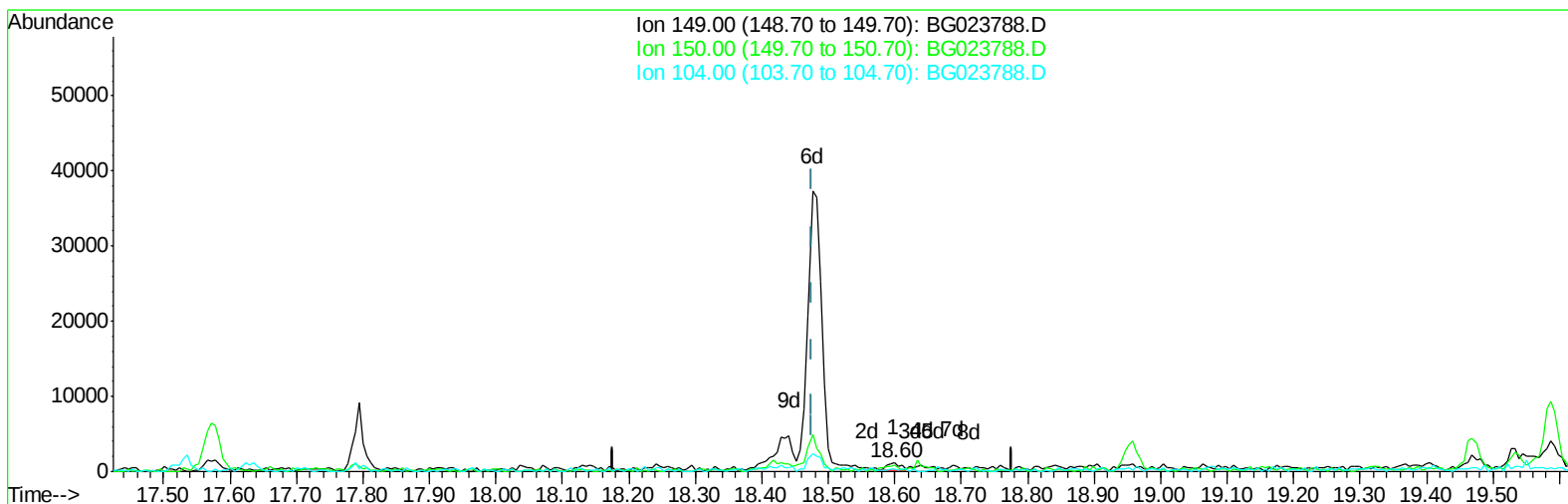
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(73) Di-n-butylphthalate

18.599min (+0.123) 0.04ng/ul

response 1350

Ion	Exp%	Act%
149.00	100	100
150.00	8.90	78.01#
104.00	4.10	33.87#
0.00	0.00	0.00

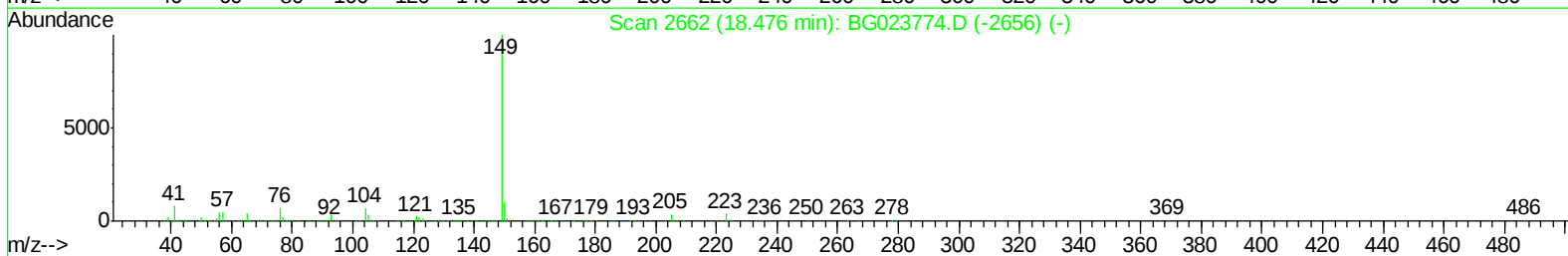
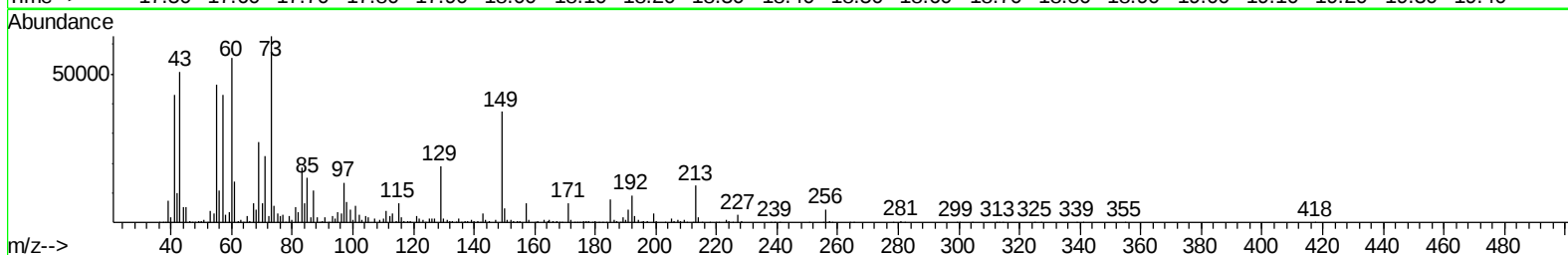
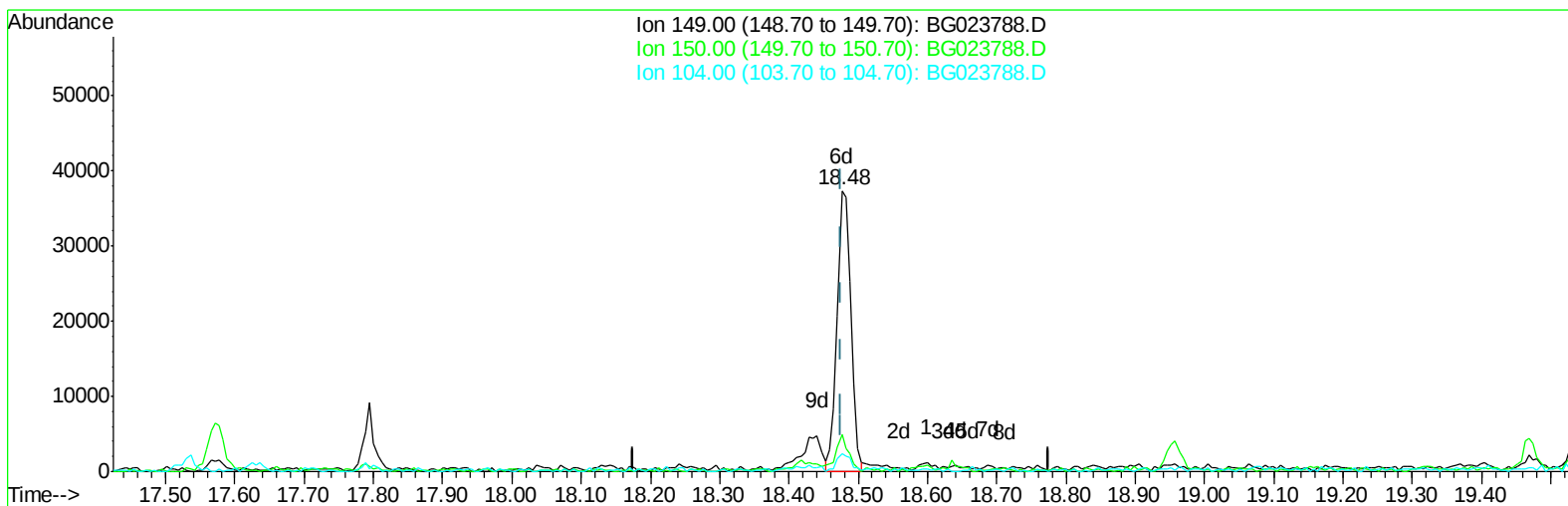
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(73) Di-n-butylphthalate

18.476min (-0.000) 1.45ng/ul m

response 51864

Ion	Exp%	Act%
149.00	100	100
150.00	8.90	12.98#
104.00	4.10	6.54#
0.00	0.00	0.00

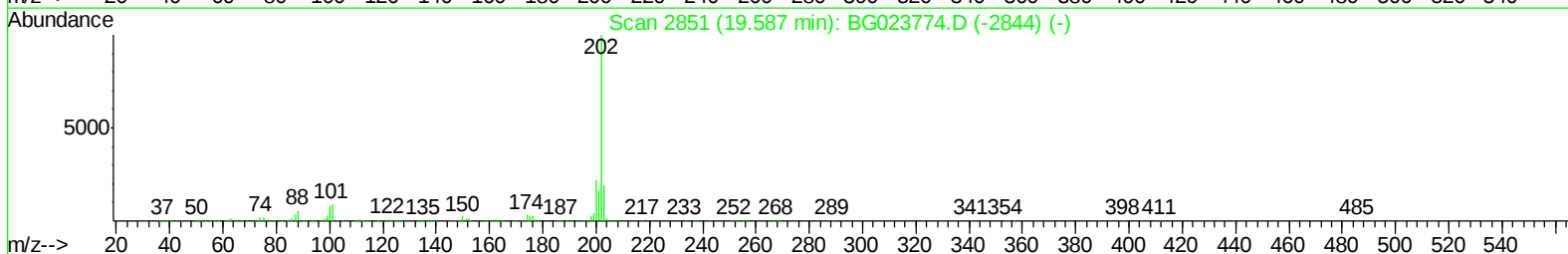
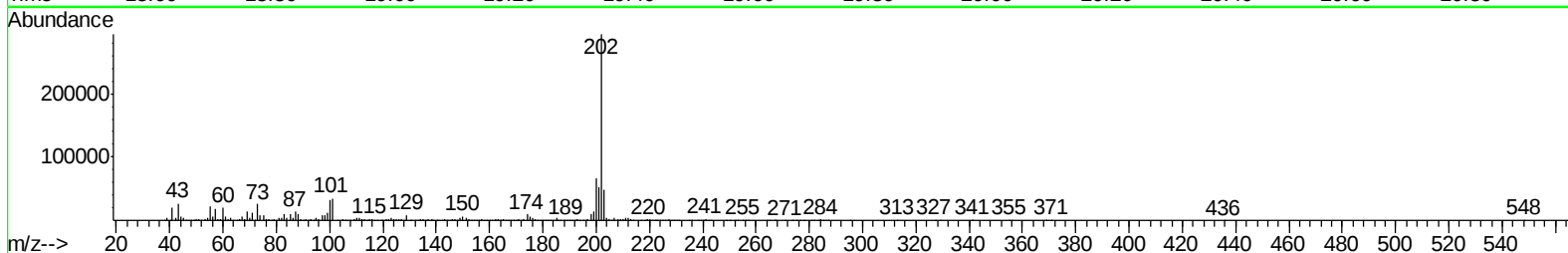
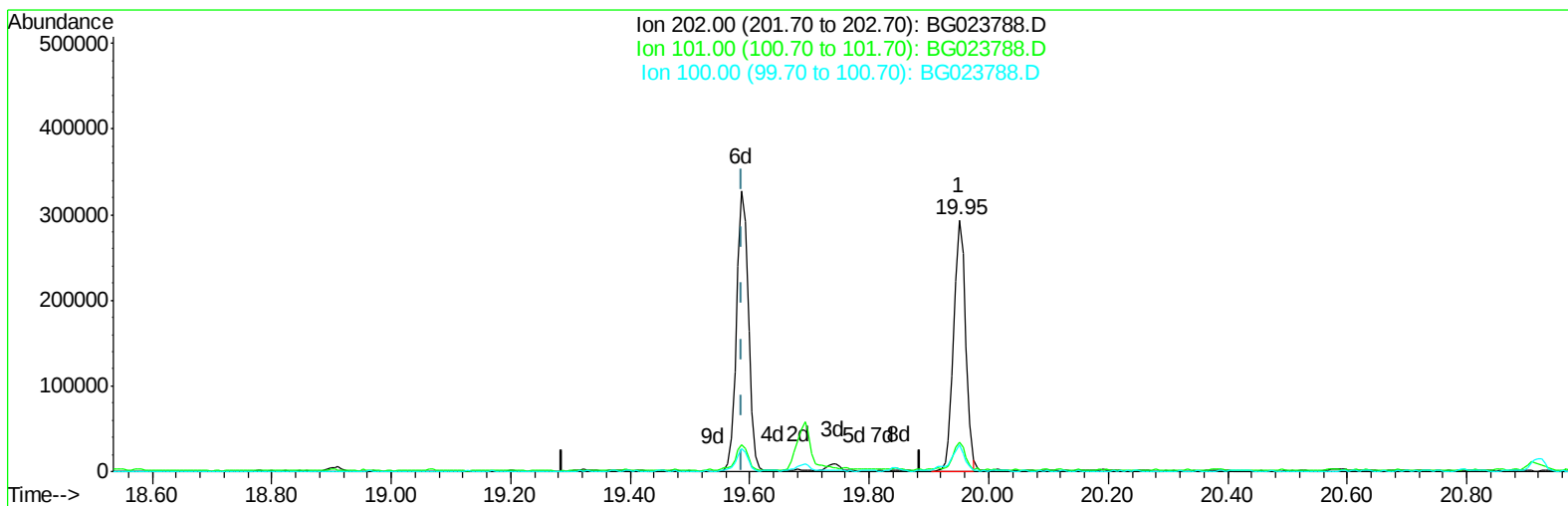
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(74) Fluoranthene (C)

19.951min (+0.364) 11.99ng/ul

response 402347

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	11.87
100.00	10.90	10.72
0.00	0.00	0.00

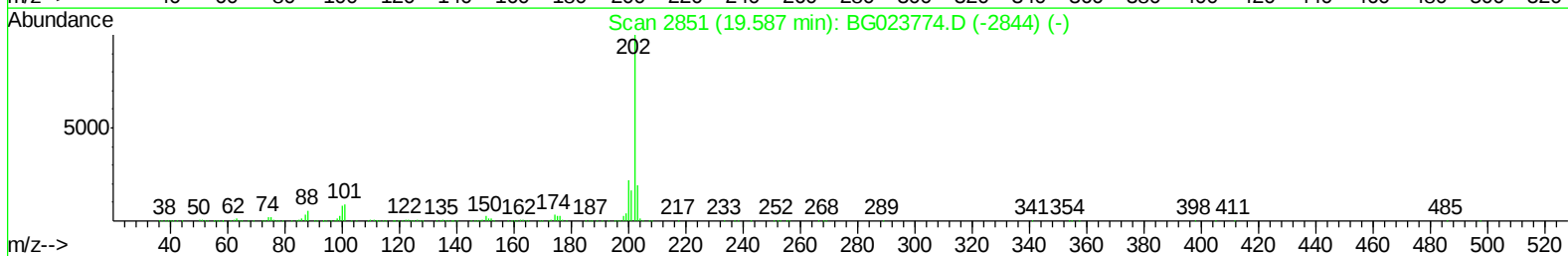
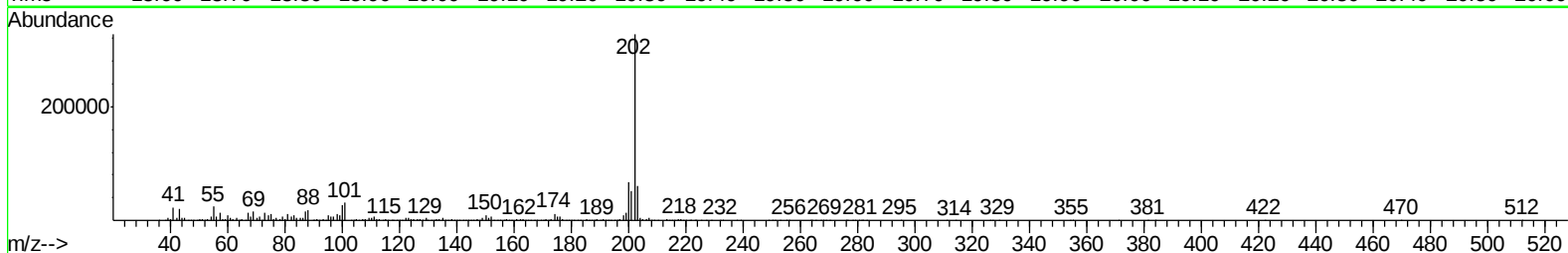
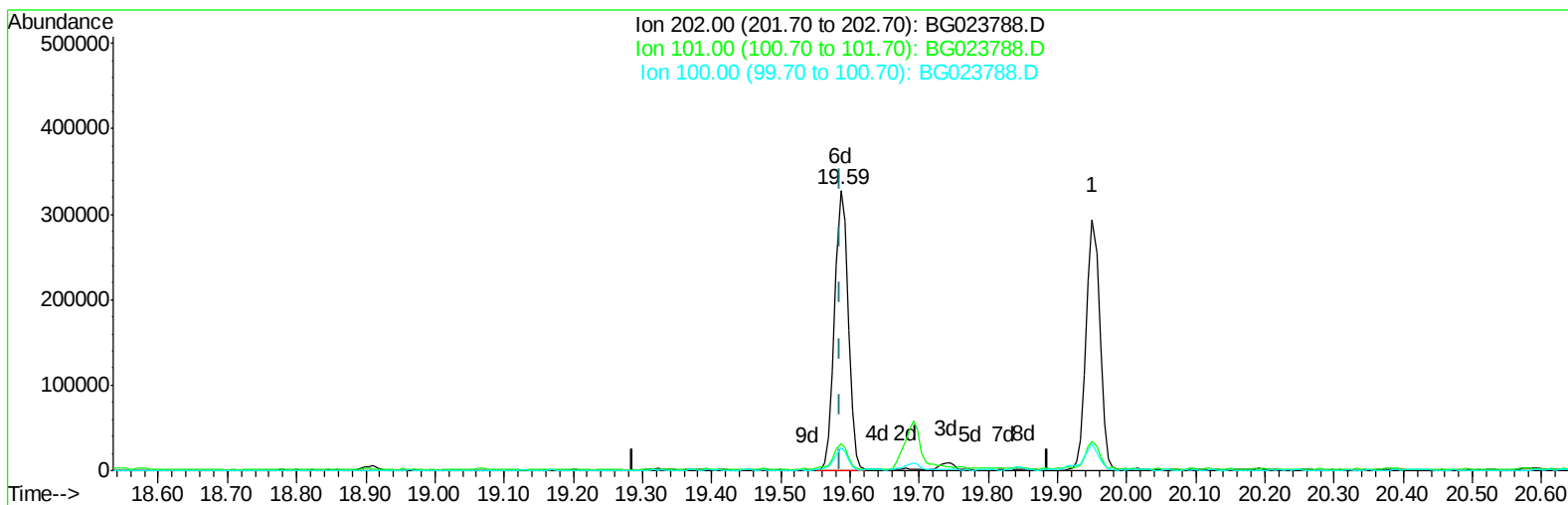
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(74) Fluoranthene (C)

19.586min (-0.000) 13.45ng/ul m

response 451383

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	9.46#
100.00	10.90	8.23#
0.00	0.00	0.00

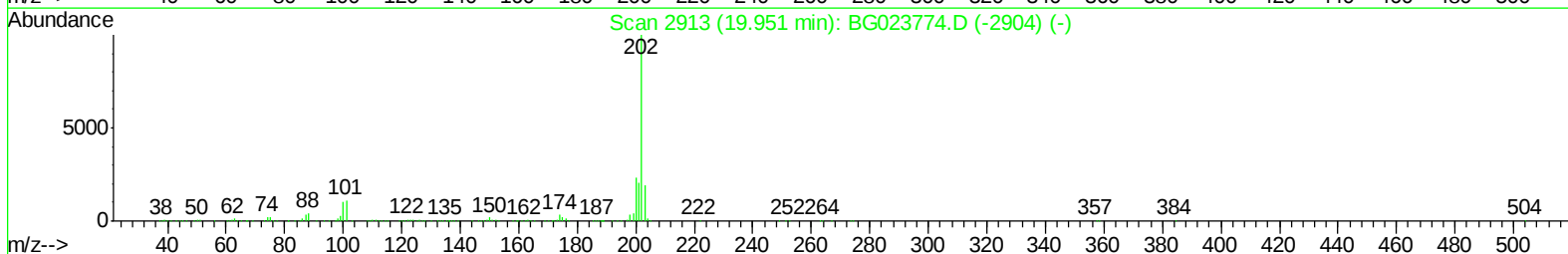
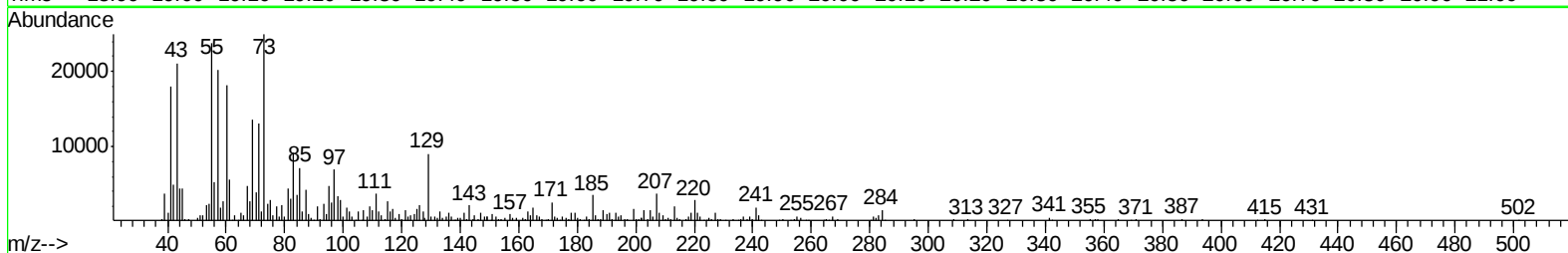
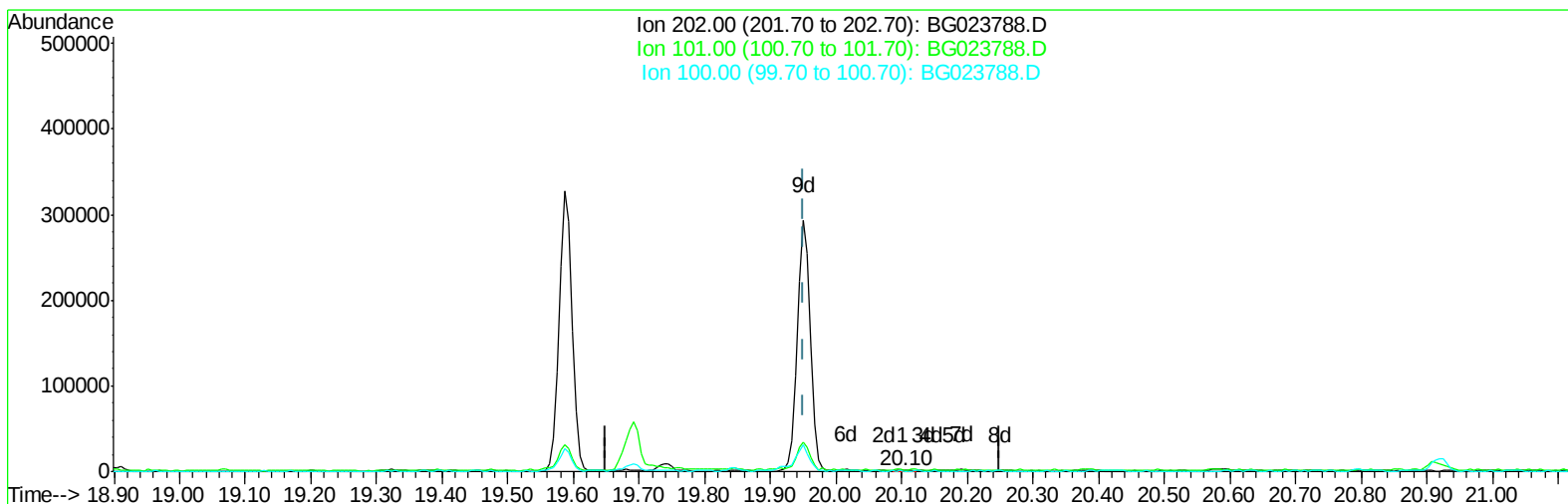
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(77) Pyrene

20.103min (+0.153) 0.03ng/ul

response 1066

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	161.61#
100.00	12.80	63.21#
0.00	0.00	0.00

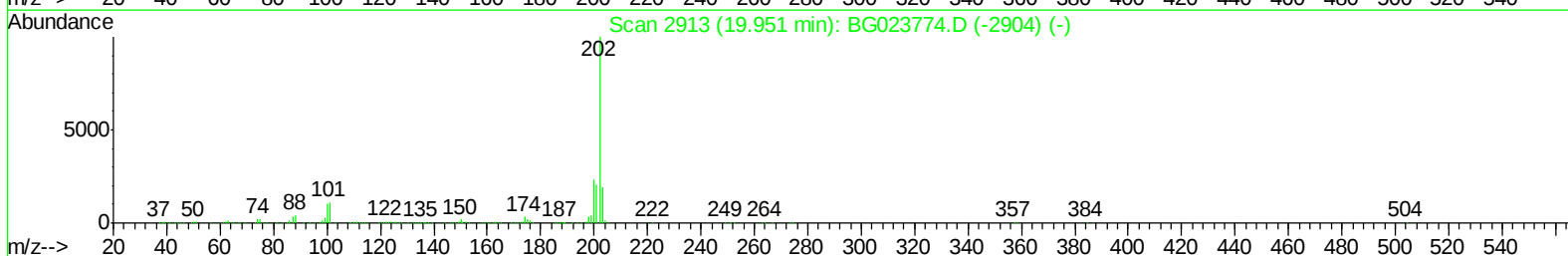
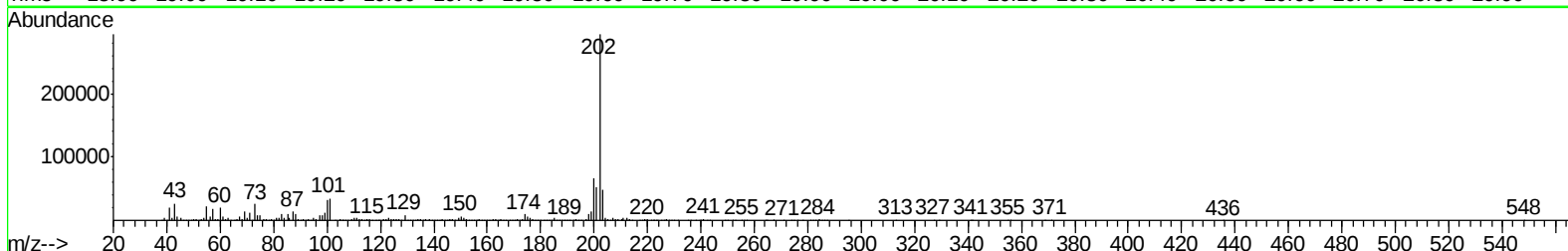
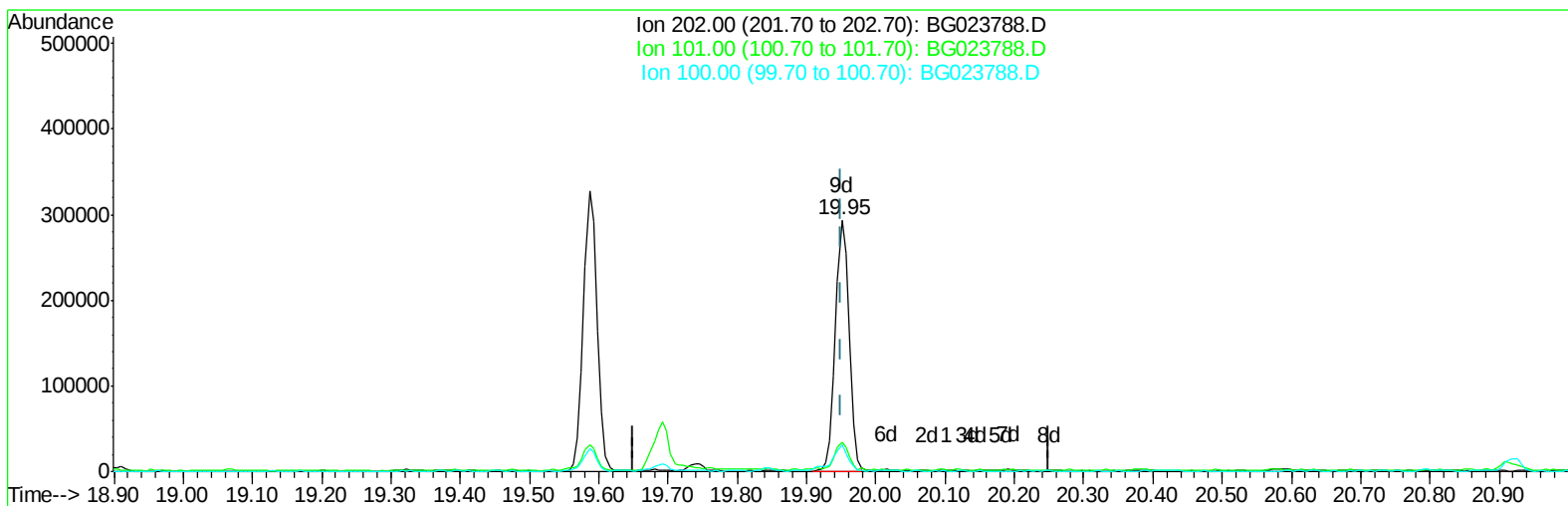
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(77) Pyrene

19.951min (-0.000) 10.50ng/ul m

response 405820

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	11.87#
100.00	12.80	10.72
0.00	0.00	0.00

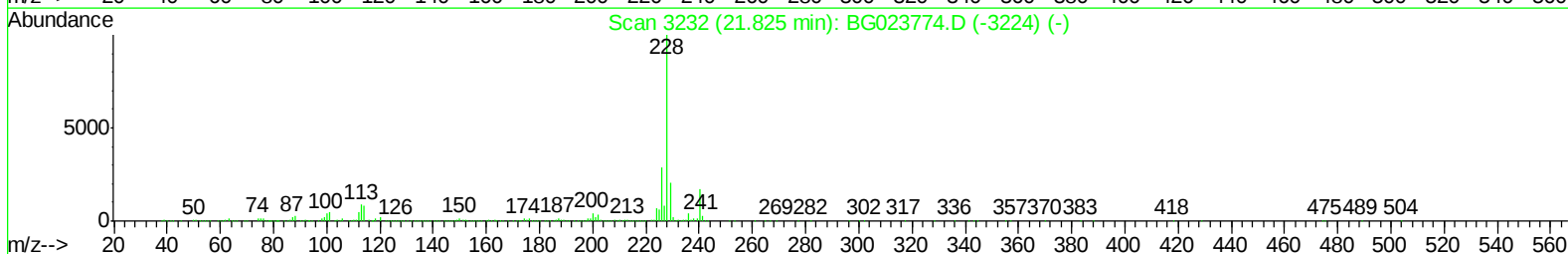
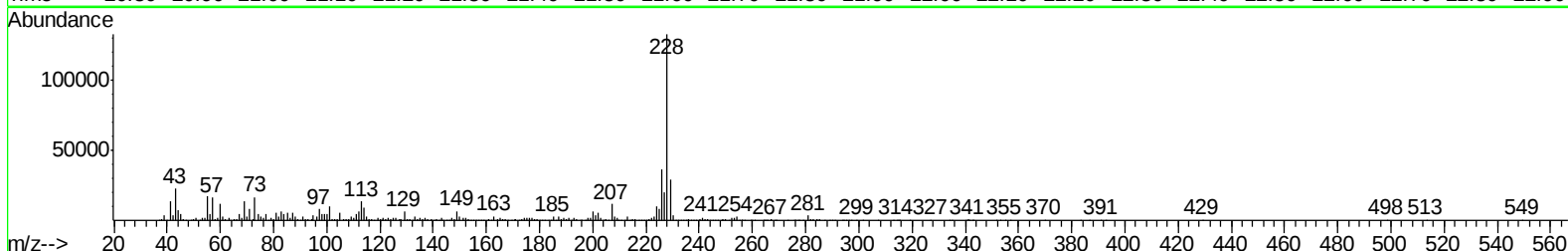
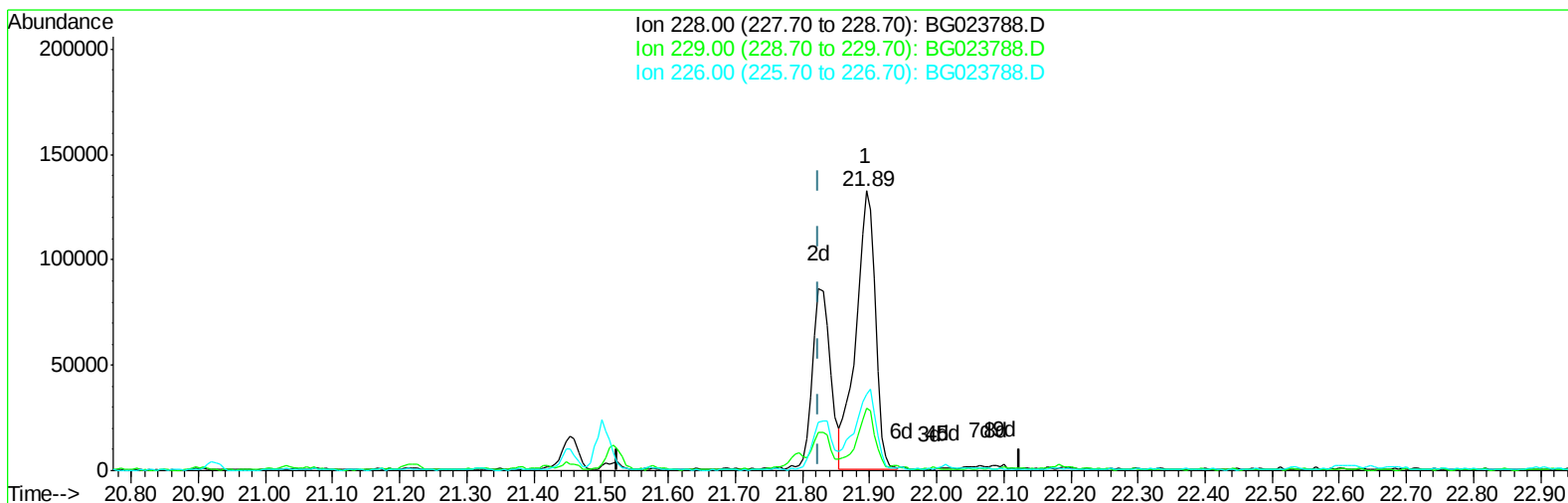
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

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Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(80) Benzo(a)anthracene
21.895min (+0.070) 6.99ng/ul
response 264239

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.21
226.00	28.50	27.19
0.00	0.00	0.00

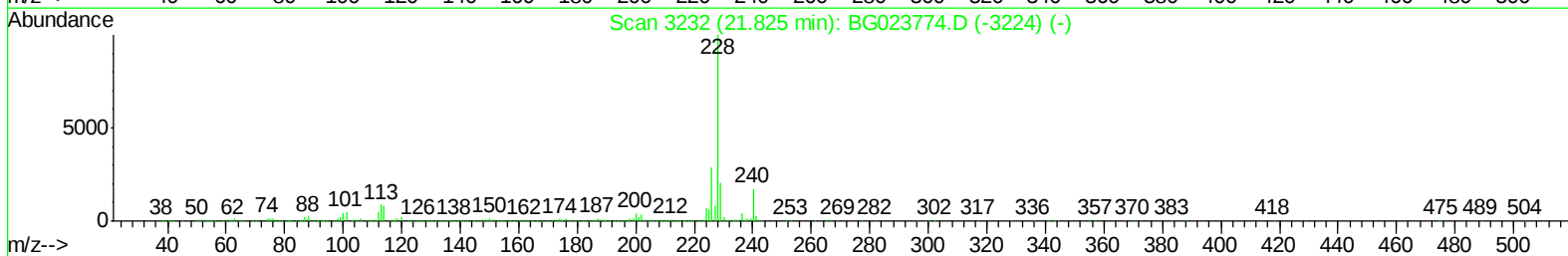
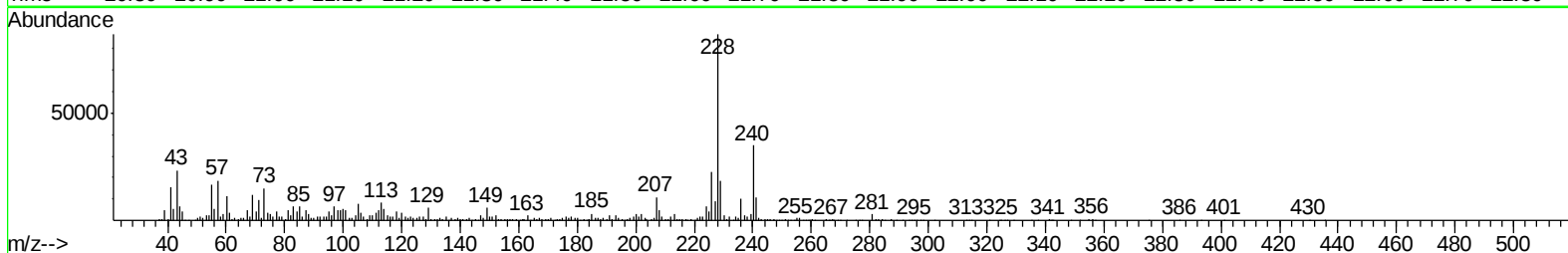
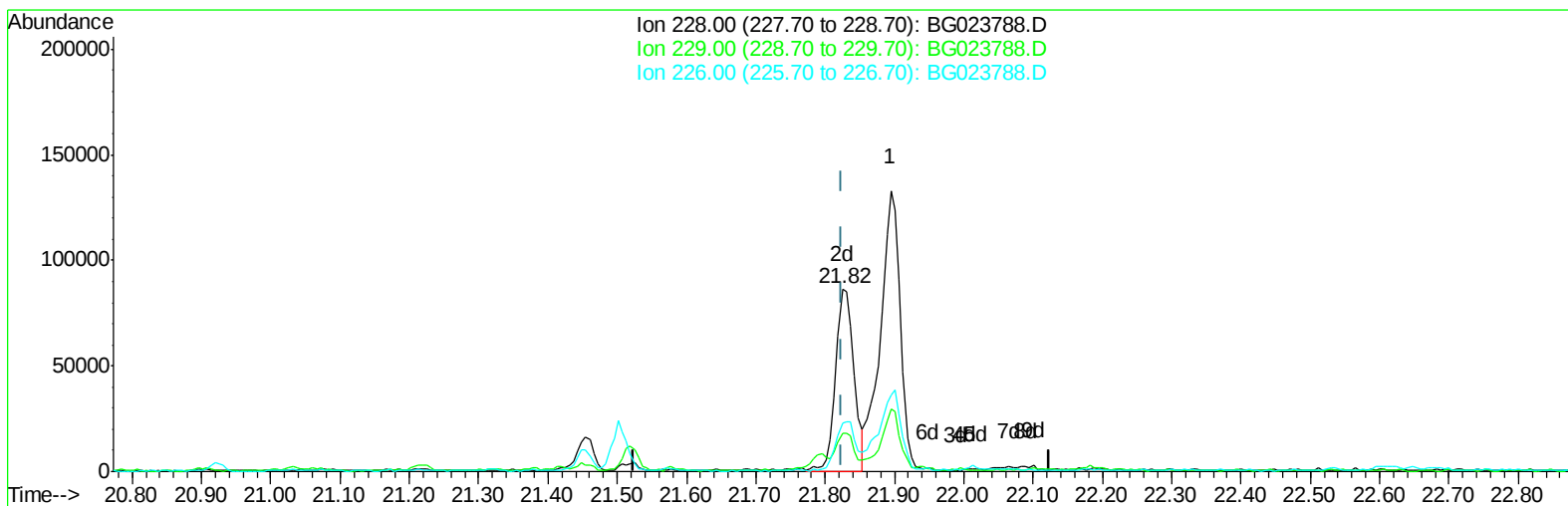
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

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TIC: BG023788.D

(80) Benzo(a)anthracene

21.824min (-0.000) 4.27ng/ul m

response 161409

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.14
226.00	28.50	26.43
0.00	0.00	0.00

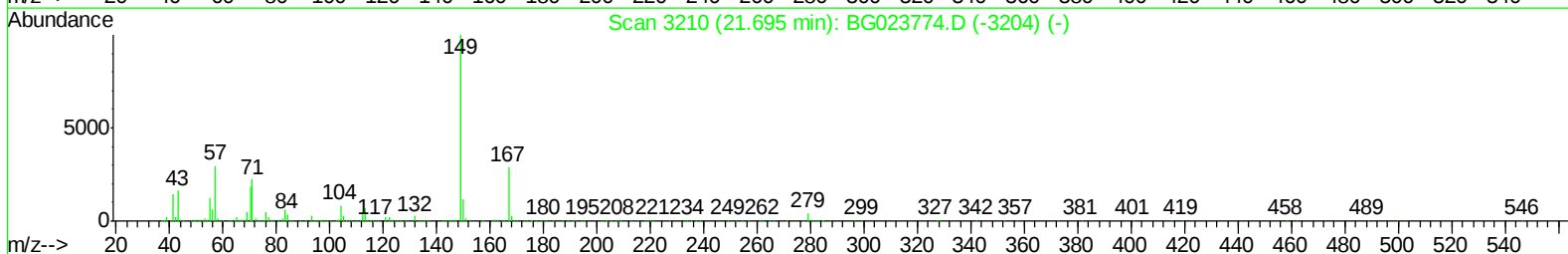
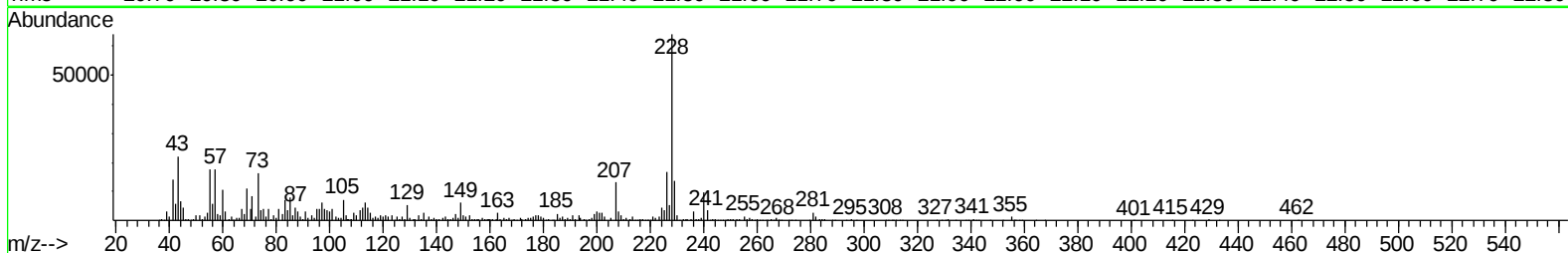
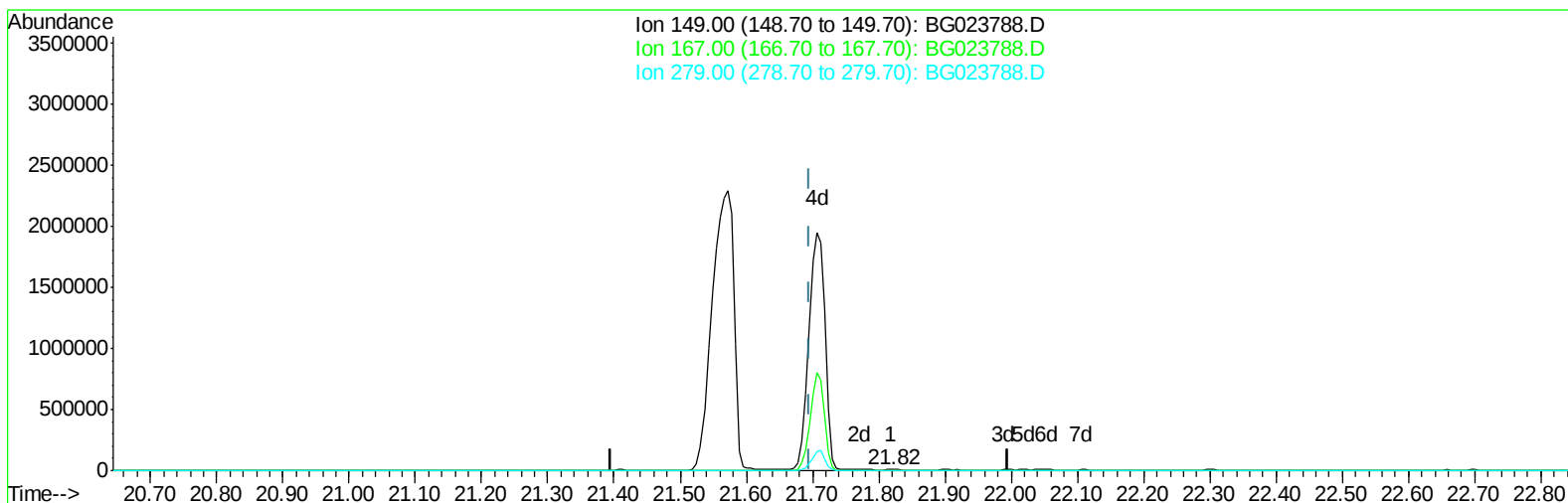
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
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Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(81) Bis(2-ethylhexyl)phthalate

21.819min (+0.123) 0.18ng/ul

response 4284

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	18.29#
279.00	3.60	3.58
0.00	0.00	0.00

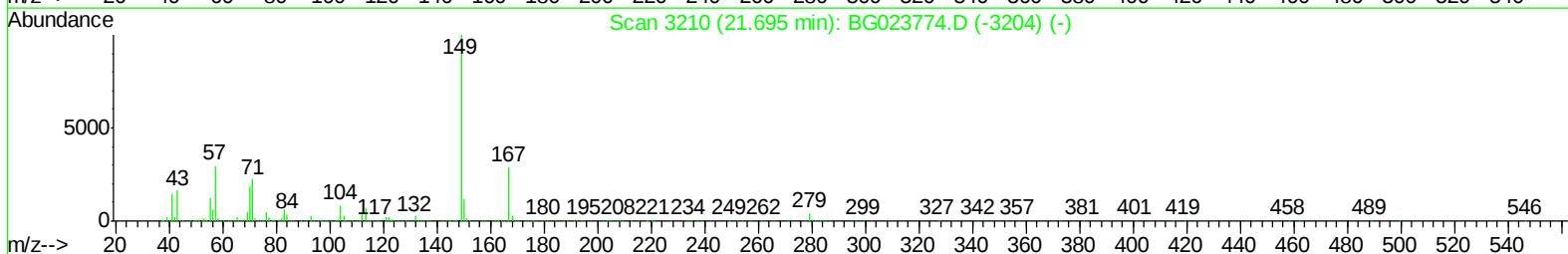
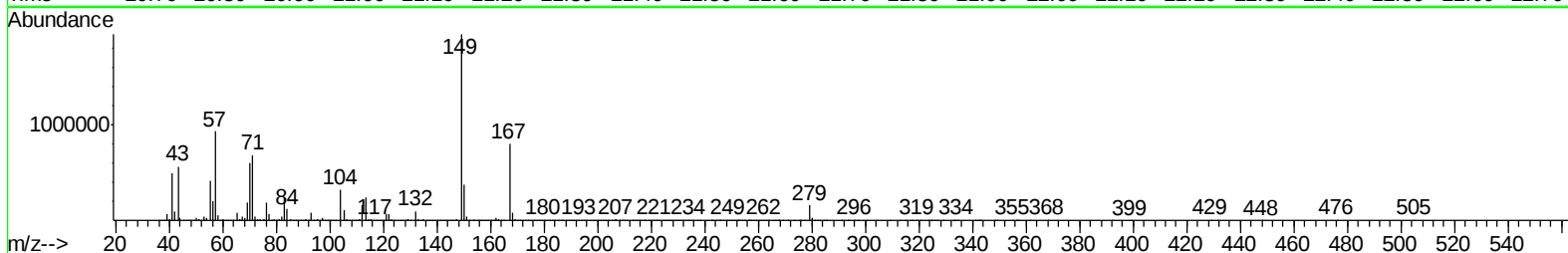
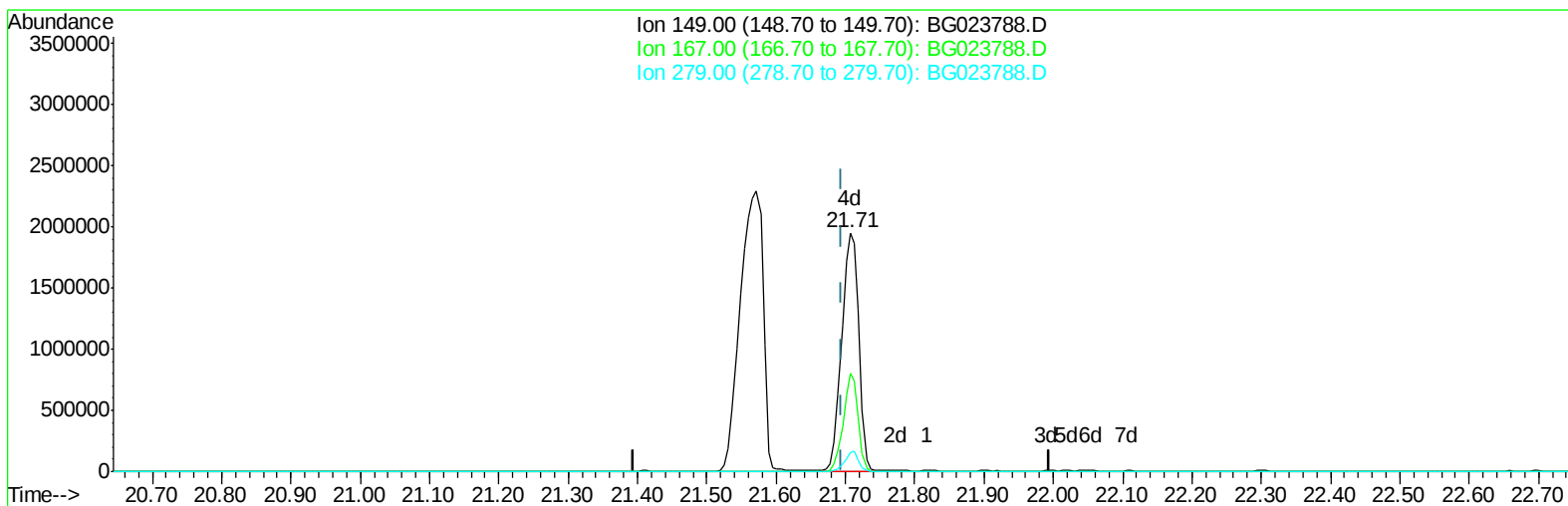
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(81) Bis(2-ethylhexyl)phthalate

21.707min (+0.012) 144.25ng/ul m

response 3391800

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	41.00#
279.00	3.60	8.02#
0.00	0.00	0.00

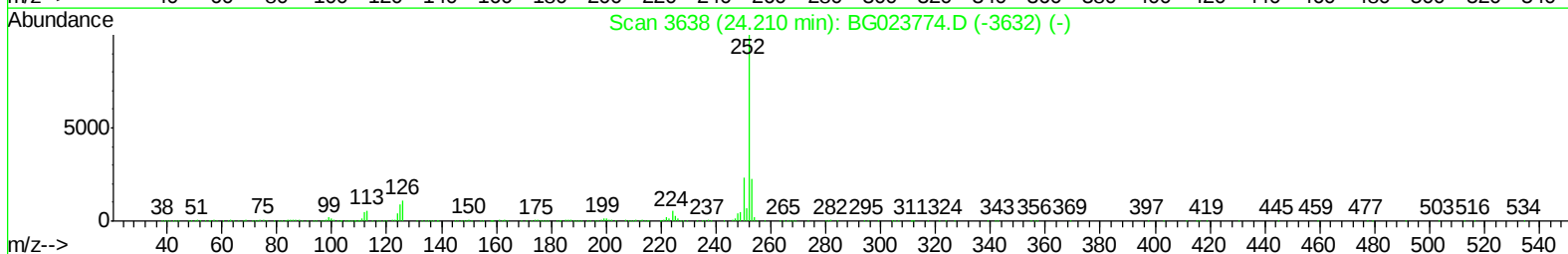
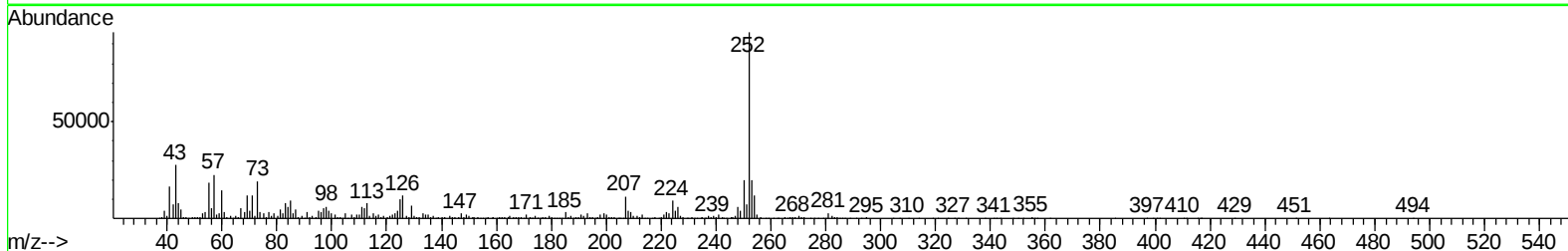
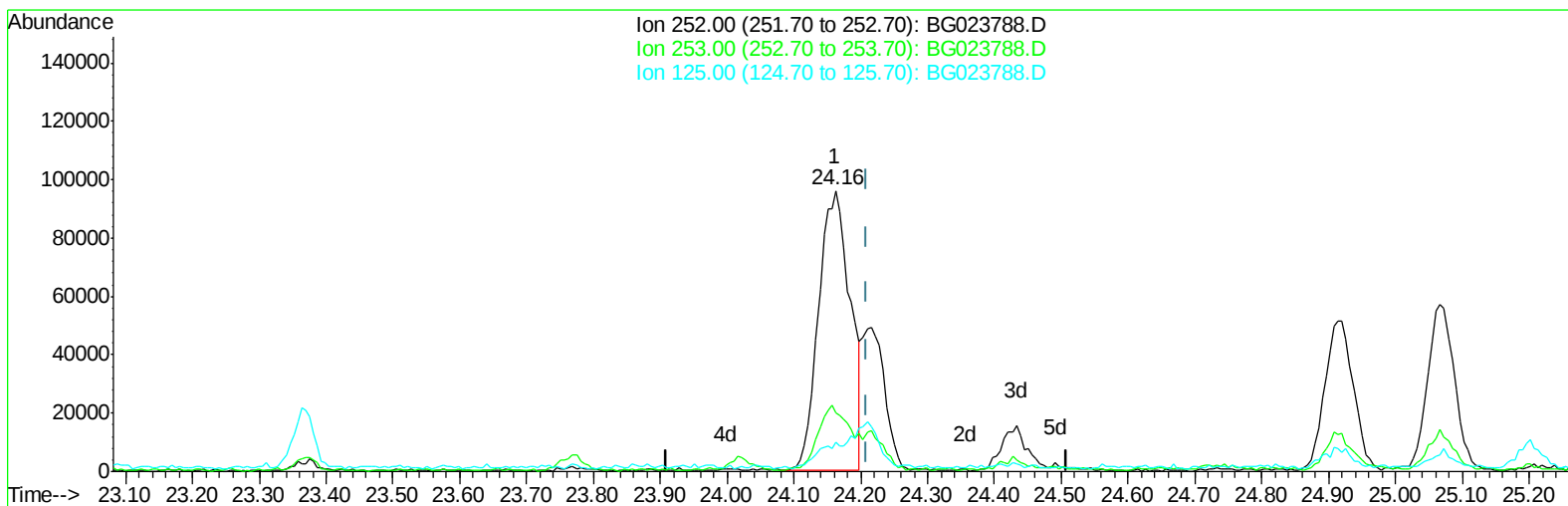
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
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Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(86) Benzo(k)fluoranthene

24.162min (-0.047) 9.31ng/ul

response 316600

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	20.83
125.00	13.30	10.64
0.00	0.00	0.00

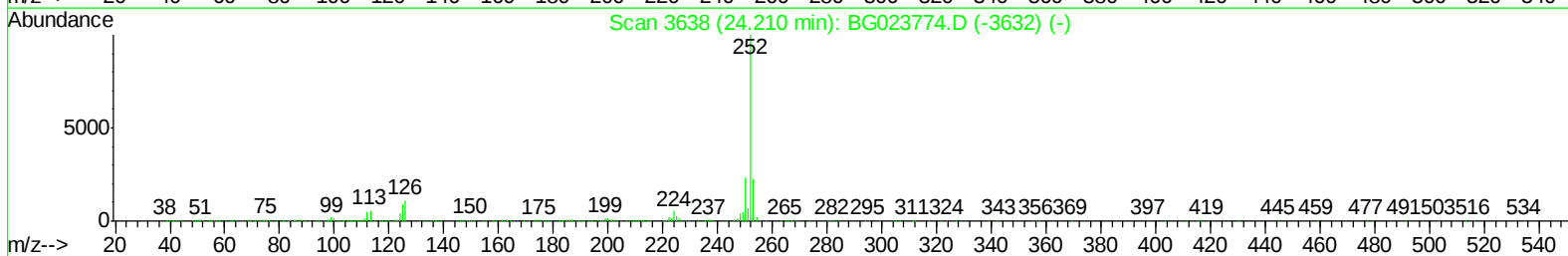
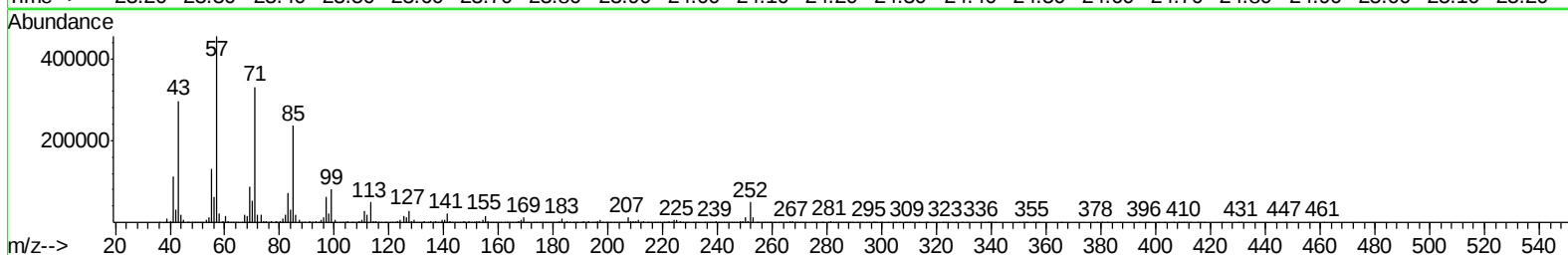
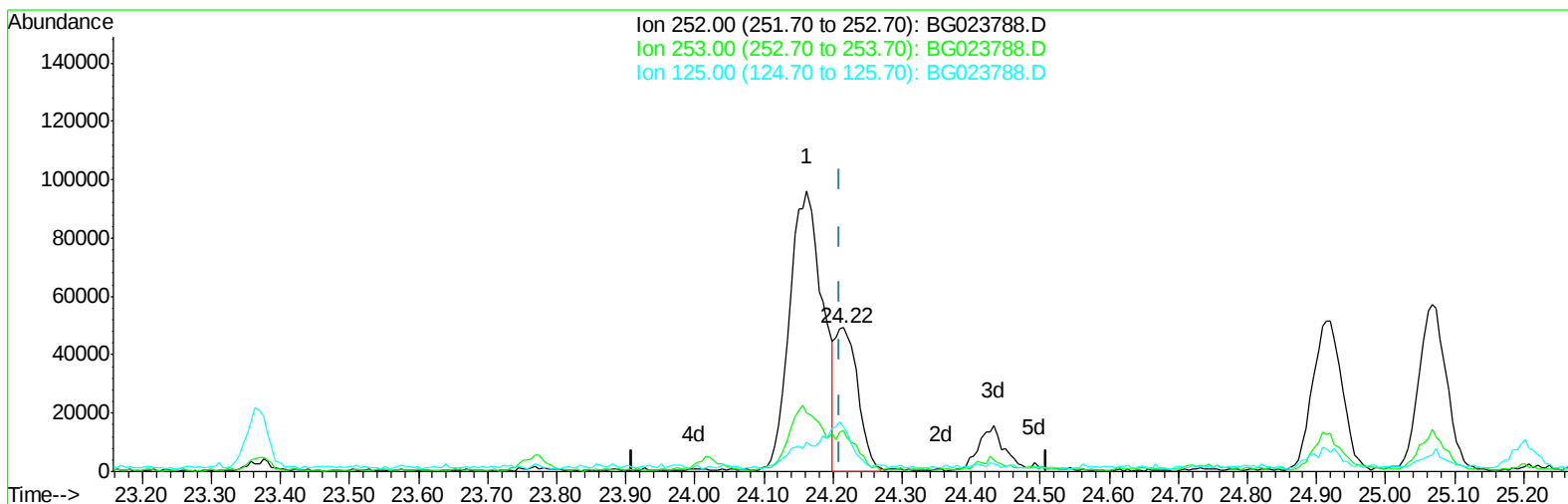
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM



TIC: BG023788.D

(86) Benzo(k)fluoranthene

24.215min (+0.006) 3.34ng/ul m

response 113761

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	28.16#
125.00	13.30	30.79#
0.00	0.00	0.00

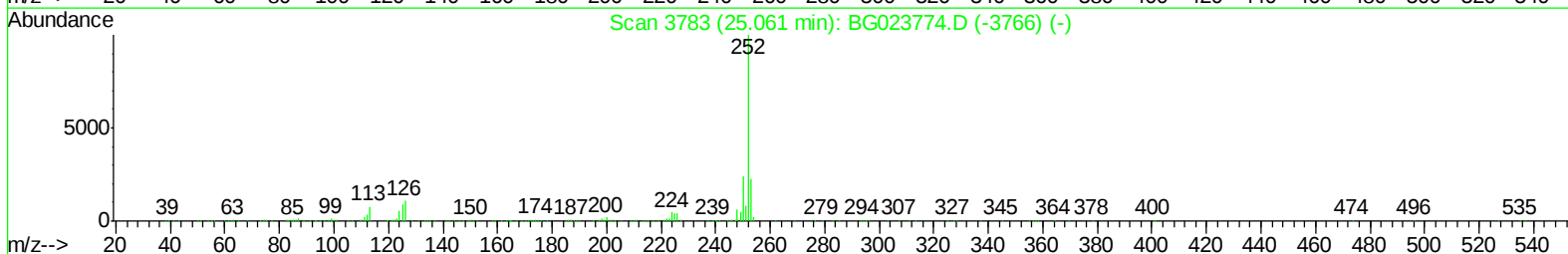
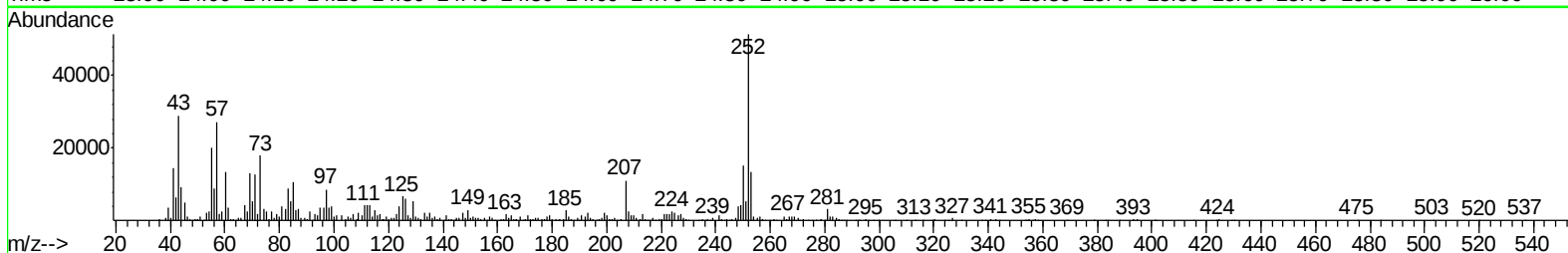
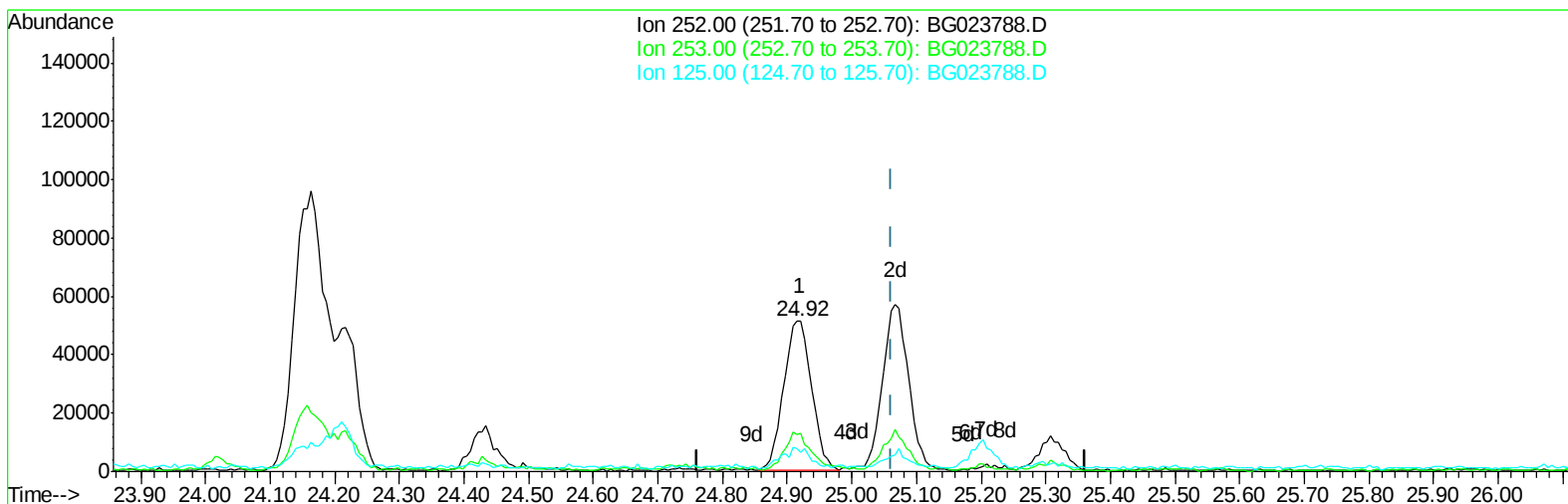
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
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Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(88) Benzo(a)pyrene (C)

24.920min (-0.141) 4.52ng/ul

response 152691

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	25.93
125.00	15.00	12.97
0.00	0.00	0.00

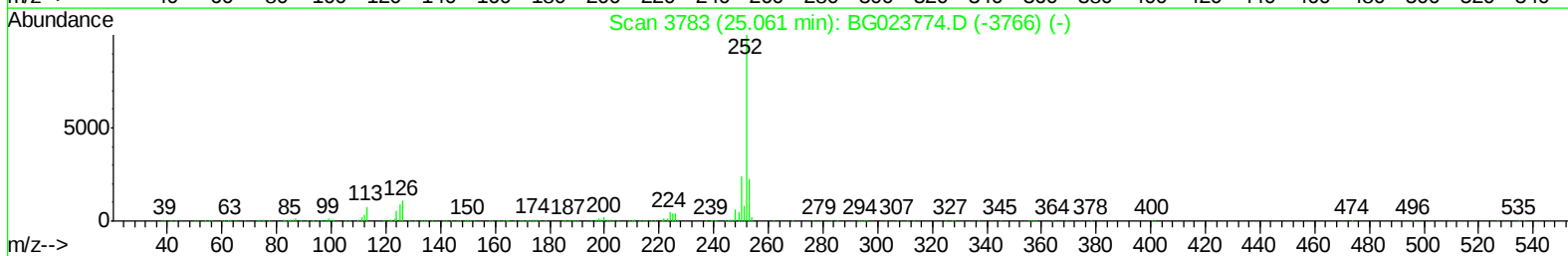
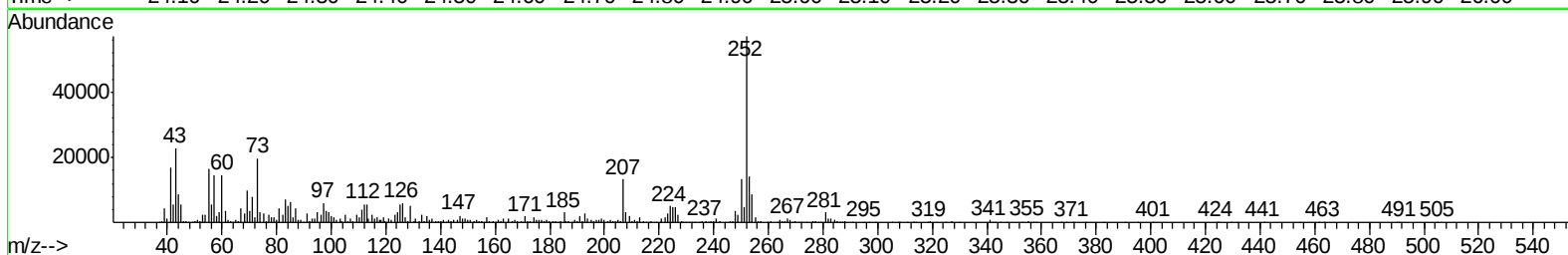
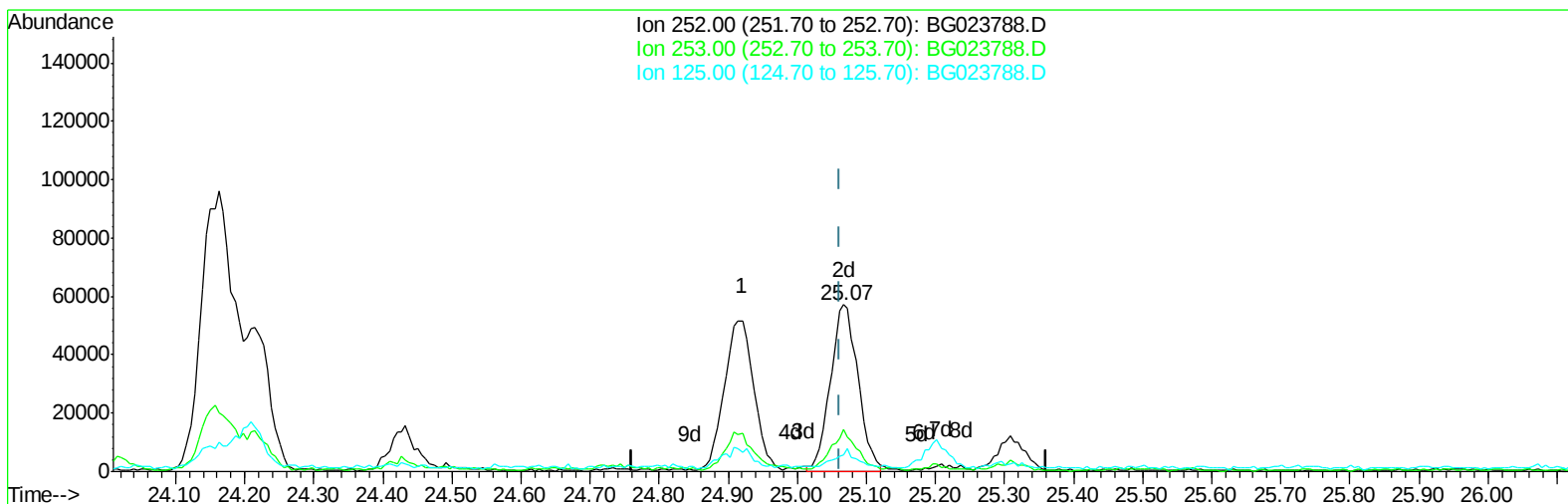
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
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Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(88) Benzo(a)pyrene (C)

25.067min (+0.006) 4.70ng/ul m

response 158686

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	25.13
125.00	15.00	9.97#
0.00	0.00	0.00

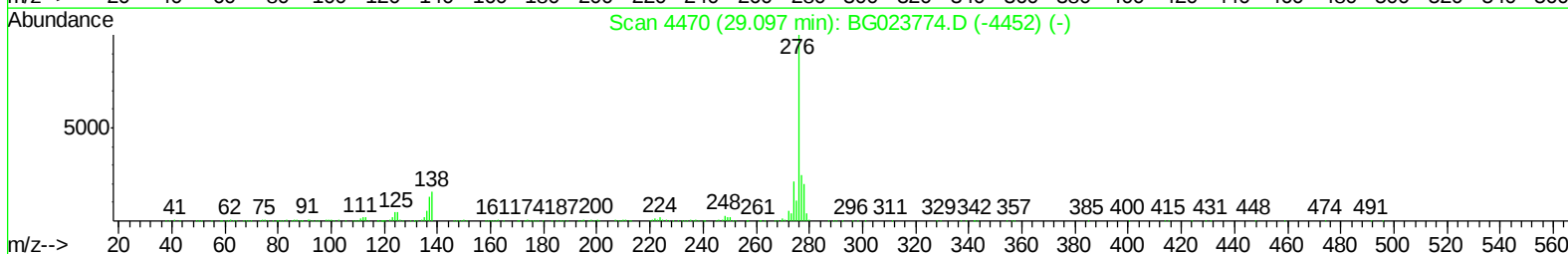
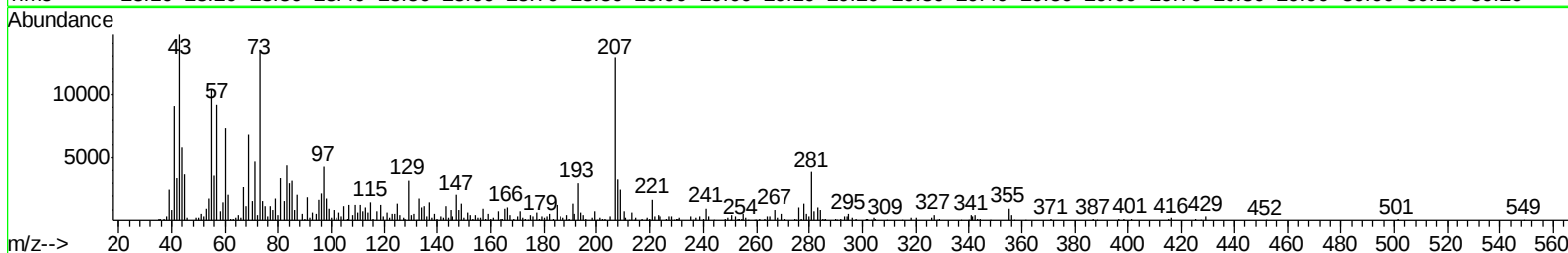
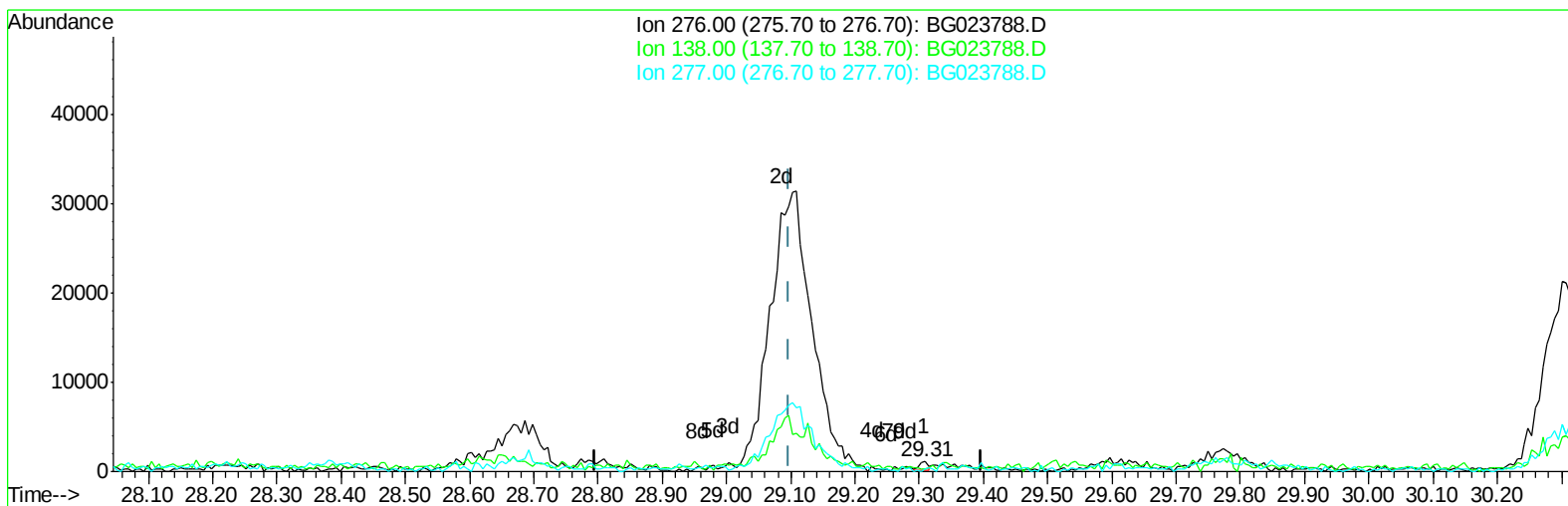
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

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8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

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

29.308min (+0.211) 0.02ng/ul

response 912

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	27.66
277.00	22.00	24.71
0.00	0.00	0.00

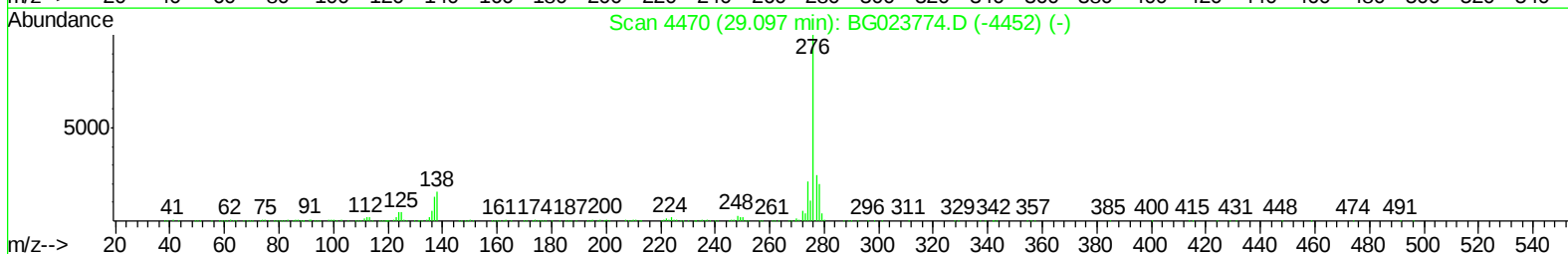
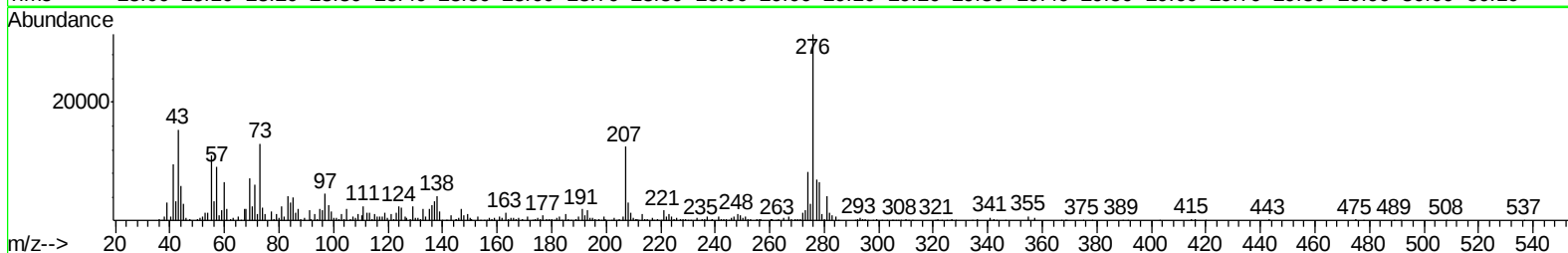
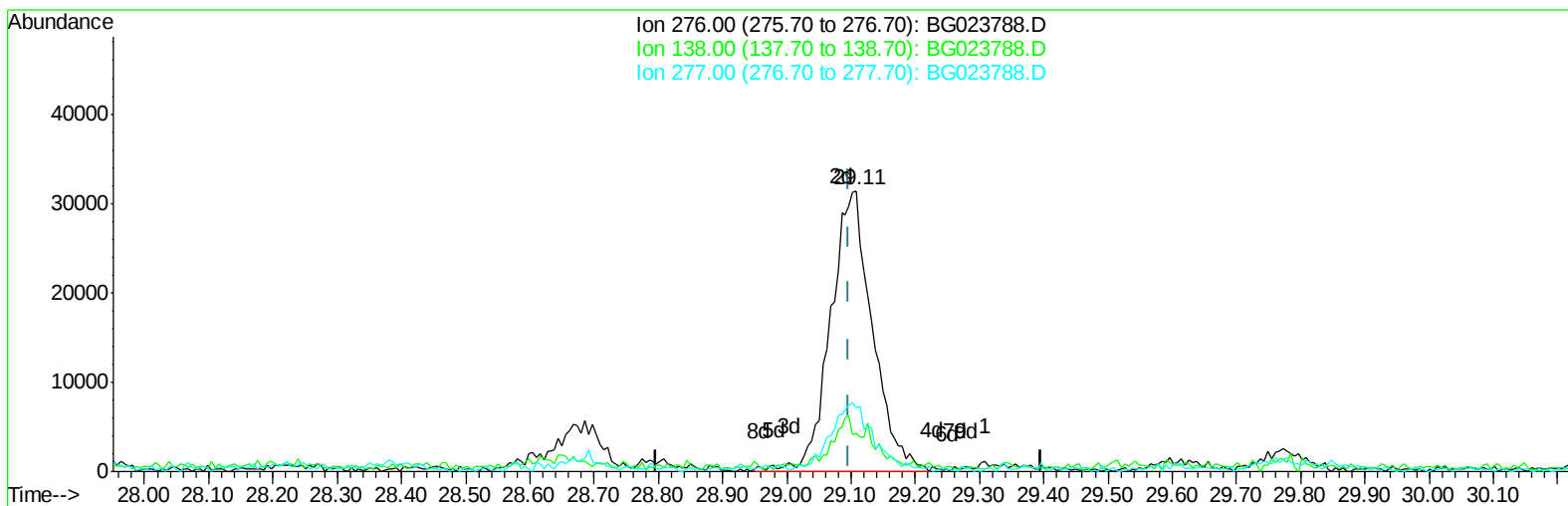
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

sohil
8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

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

29.109min (+0.012) 3.62ng/ul m

response 143916

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	13.46#
277.00	22.00	22.52
0.00	0.00	0.00

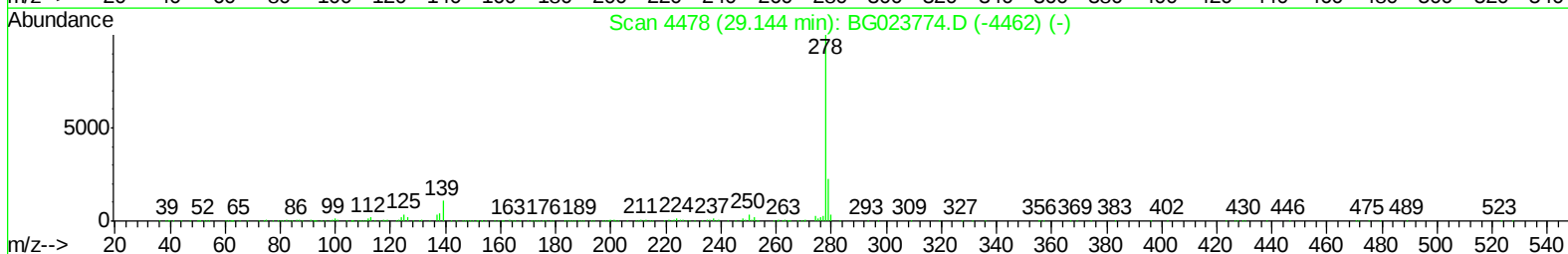
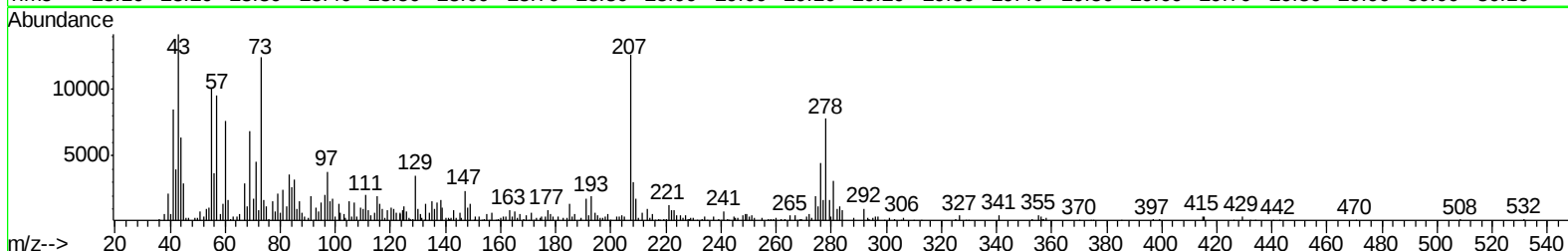
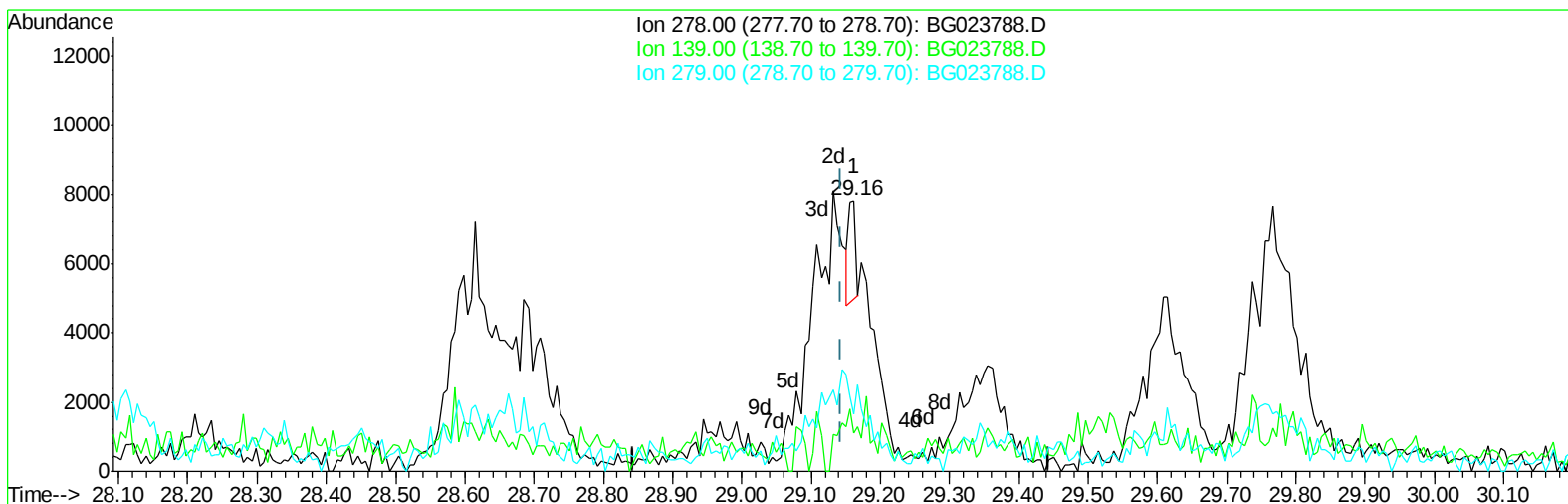
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
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Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(90) Dibenzo(a,h)anthracene

29.162min (+0.017) 0.06ng/ul

response 2059

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	14.19#
279.00	23.90	21.32
0.00	0.00	0.00

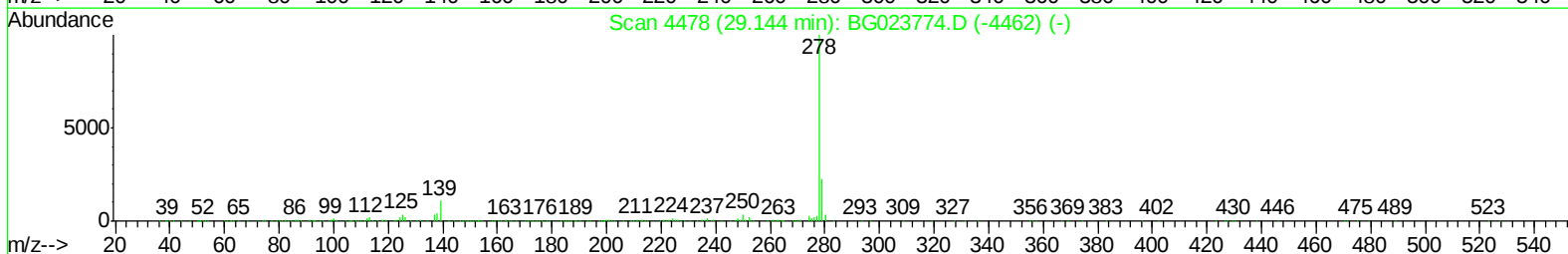
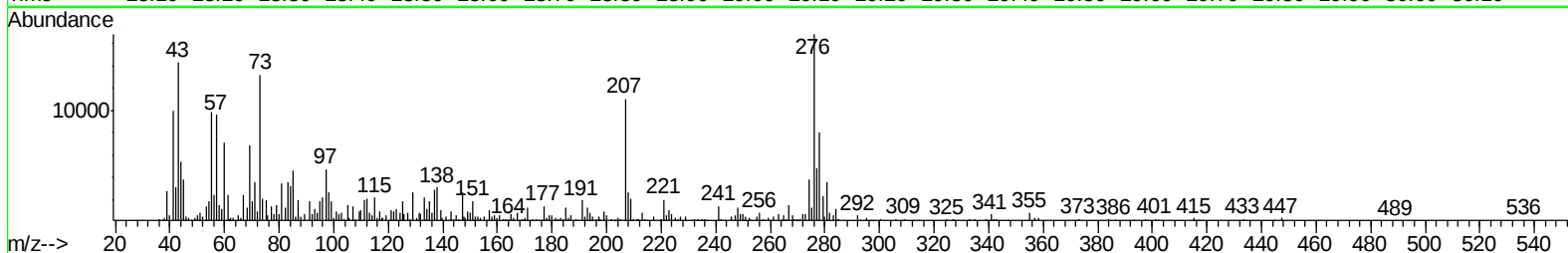
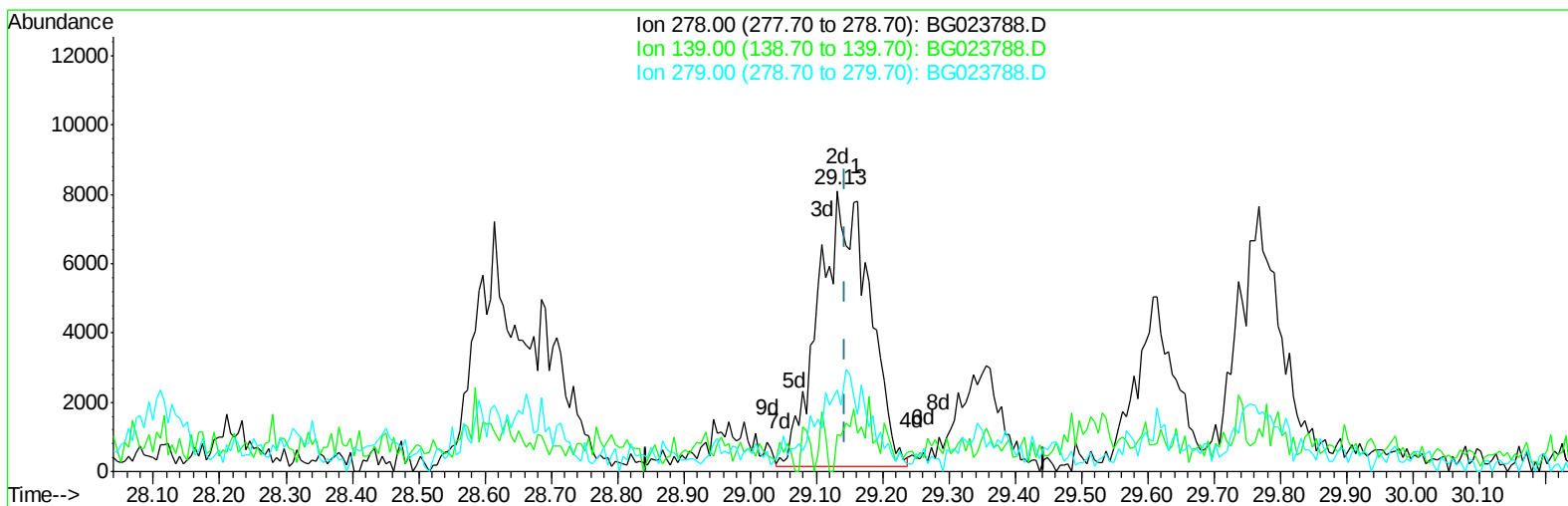
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
APPROVED

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8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(90) Dibenzo(a,h)anthracene

29.132min (-0.012) 1.23ng/ul m

response 41998

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	13.16#
279.00	23.90	29.24#
0.00	0.00	0.00

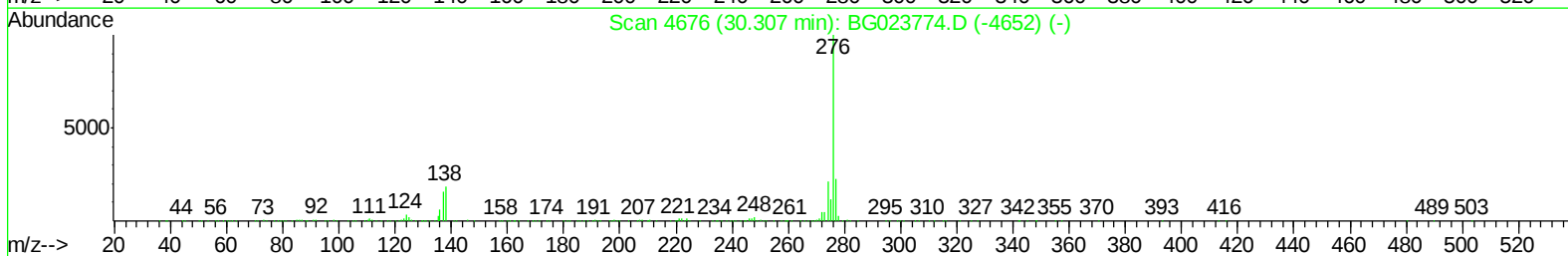
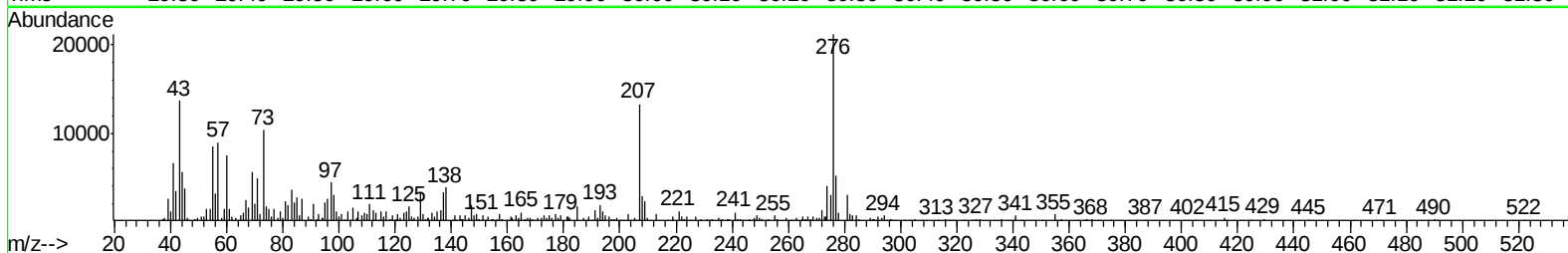
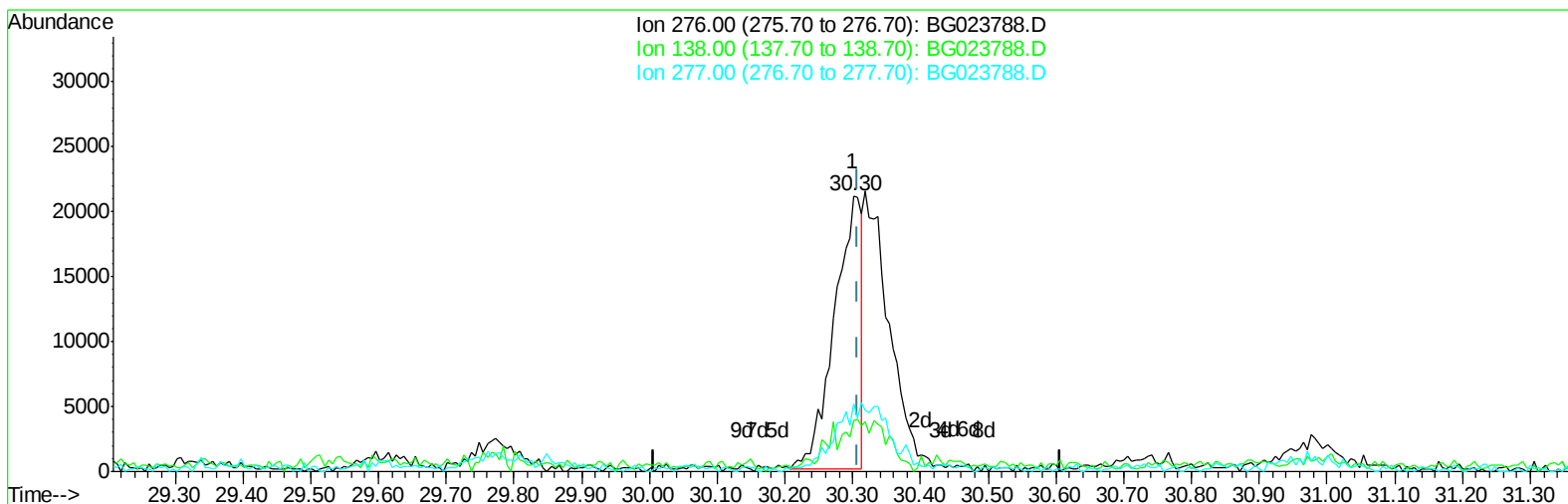
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Manual Integrations
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8/19/2016 6:38:47 PM

Quant Time: Aug 19 15:50:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



TIC: BG023788.D

(91) Benzo(g,h,i)perylene
30.301min (-0.006) 1.78ng/ul
response 58644

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	18.36#
277.00	21.20	24.68
0.00	0.00	0.00

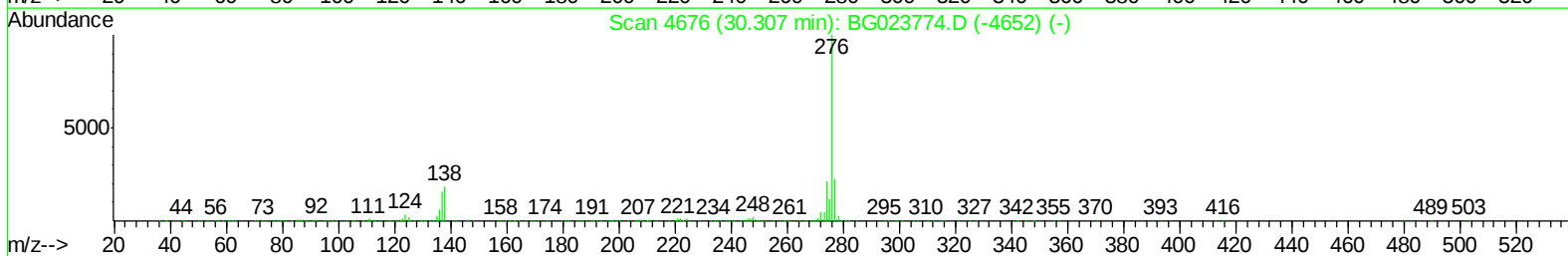
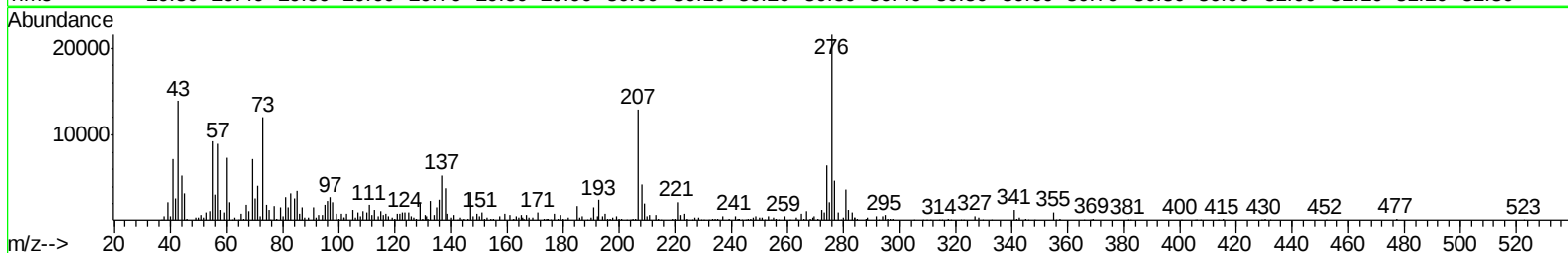
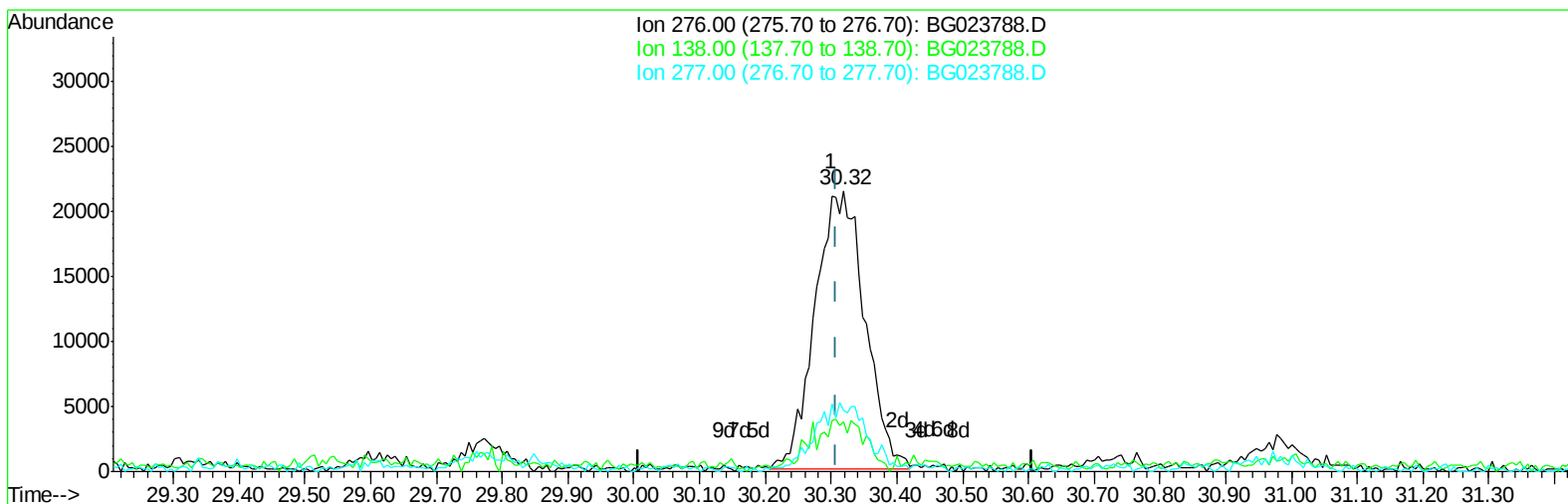
Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Aug 19 15:50:04 2016
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TIC: BG023788.D

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

30.319min (+0.012) 3.45ng/ul m

response 113205

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	17.72#
277.00	21.20	21.84
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
 Data File : BG023788.D
 Acq On : 19 Aug 2016 10:15
 Operator : UM/SJ
 Sample : H4360-19ME
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0002-01ME

Manual Integrations
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Quant Time: Aug 19 15:57:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:06:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	90686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	389488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	263385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	594995m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	653873m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	605684	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	4857	2.43	ng/uL	0.00
5) Phenol-d5	7.26	99	108637	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	83961	14.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	81167	13.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	83880	12.62	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	43446	13.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	55231	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	91479	14.10	ng/ul	0.01
29) 4-Chloroaniline-d4	11.07	131	82154	10.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	346274	15.86	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	380277	15.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	33522	9.50	ng/ul	0.02
57) Fluorene-d10	15.77	176	285835	14.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	39425m	10.45	ng/ul	0.00
70) Anthracene-d10	17.63	188	432980m	15.78	ng/ul	0.00
76) Pyrene-d10	19.92	212	472810m	15.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	452113	16.30	ng/ul	0.01

Target Compounds

						Ovalue
44) Dimethylphthalate	14.21	163	193746	8.87	ng/ul#	99
69) Phenanthrene	17.57	178	181109	5.75	ng/ul	98
73) Di-n-butylphthalate	18.48	149	51864m	1.45	ng/ul	
74) Fluoranthene	19.59	202	451383m	13.45	ng/ul	
77) Pyrene	19.95	202	405820m	10.50	ng/ul	
80) Benzo(a)anthracene	21.82	228	161409m	4.27	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.71	149	3391800m	144.25	ng/ul	
82) Chrysene	21.89	228	262835	7.73	ng/ul	94
84) Di-n-octyl phthalate	22.96	149	74237	2.13	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	316600	8.99	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	113761m	3.34	ng/ul	
88) Benzo(a)pyrene	25.07	252	158686m	4.70	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.11	276	143916m	3.62	ng/ul	
90) Dibenzo(a,h)anthracene	29.13	278	41998m	1.23	ng/ul	
91) Benzo(g,h,i)perylene	30.32	276	113205m	3.45	ng/ul	

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

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