

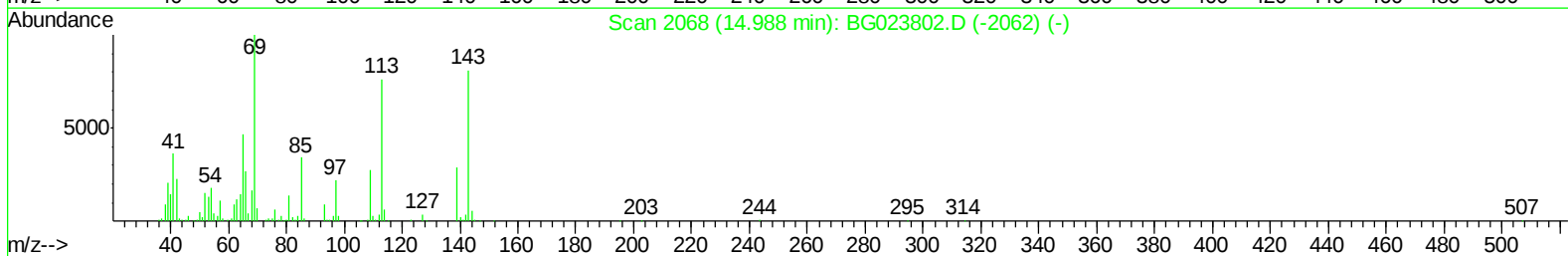
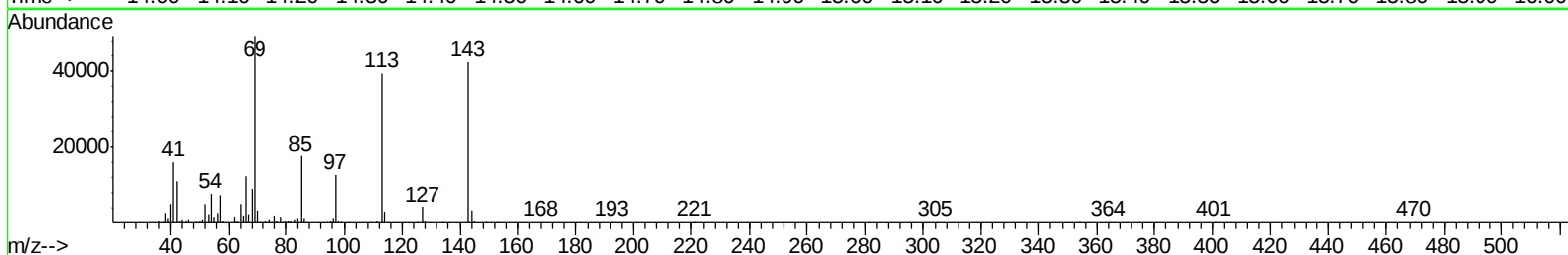
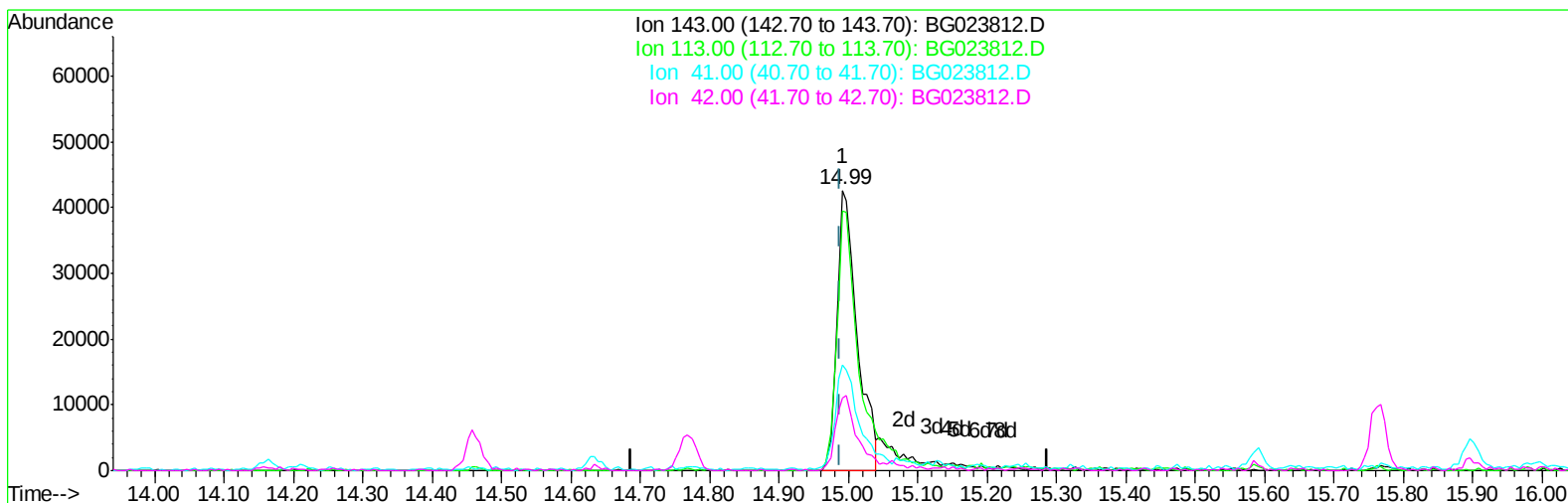
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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sohil  
8/22/2016 3:53:28 PM

Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(51) 4-Nitrophenol-d4 (S)

14.992min (+0.004) 20.37ng/ul

response 85787

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 53.50 | 92.70# |
| 41.00  | 26.90 | 37.56# |
| 42.00  | 16.10 | 25.88# |

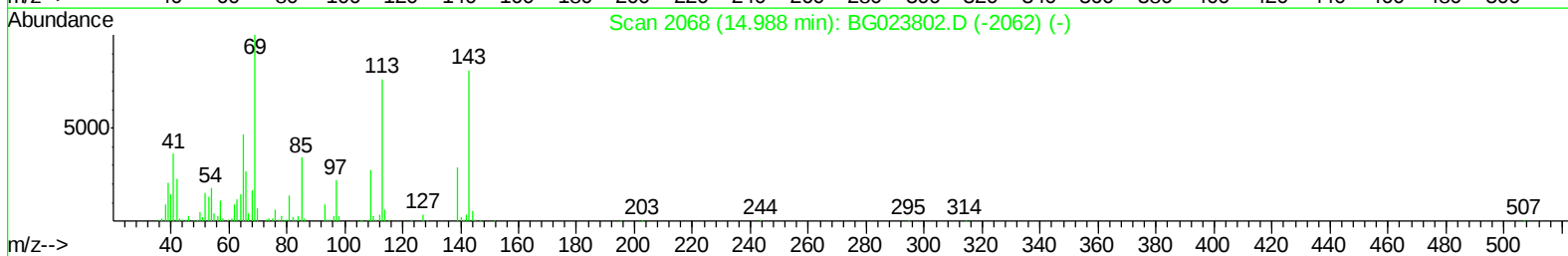
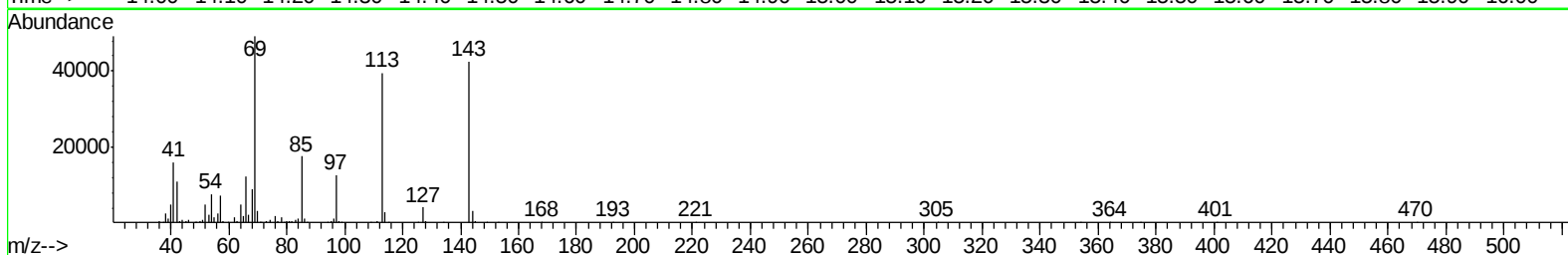
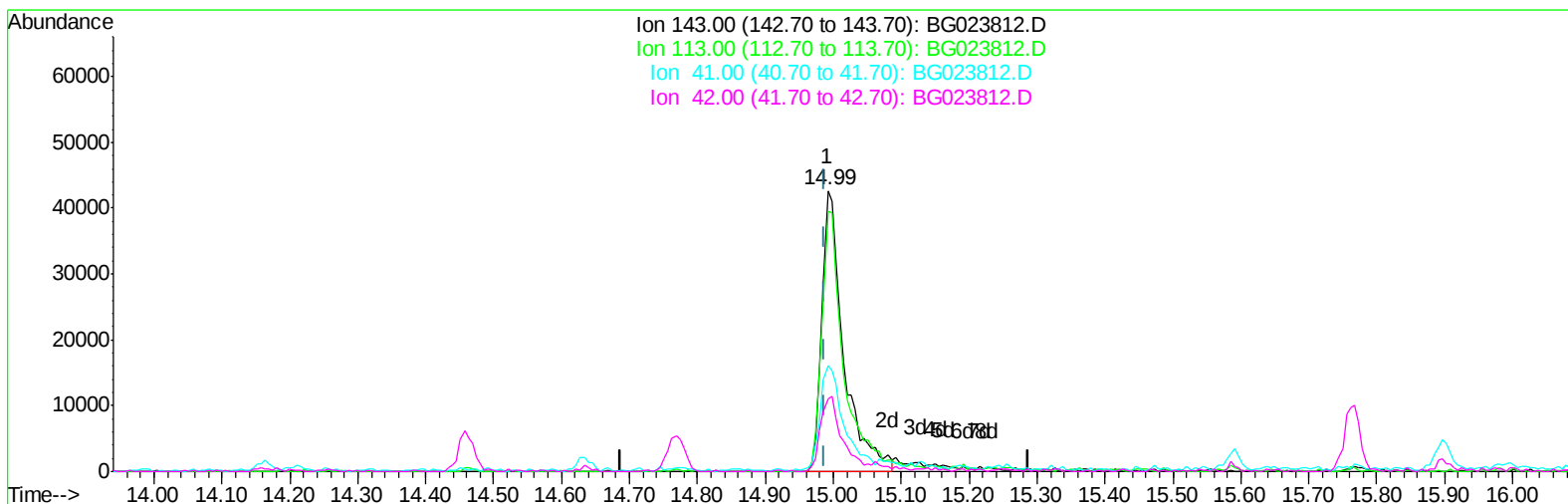
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(51) 4-Nitrophenol-d4 (S)

14.992min (+0.004) 22.45ng/ul m

response 94567

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 53.50 | 92.70# |
| 41.00  | 26.90 | 37.56# |
| 42.00  | 16.10 | 25.88# |

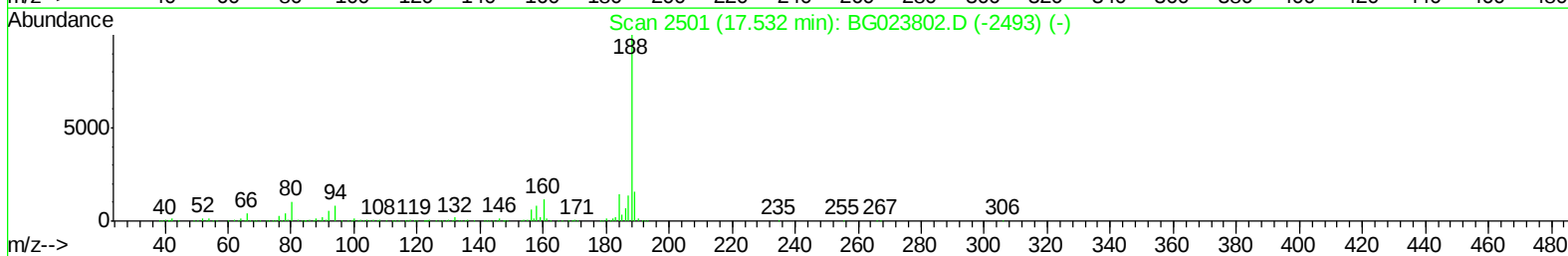
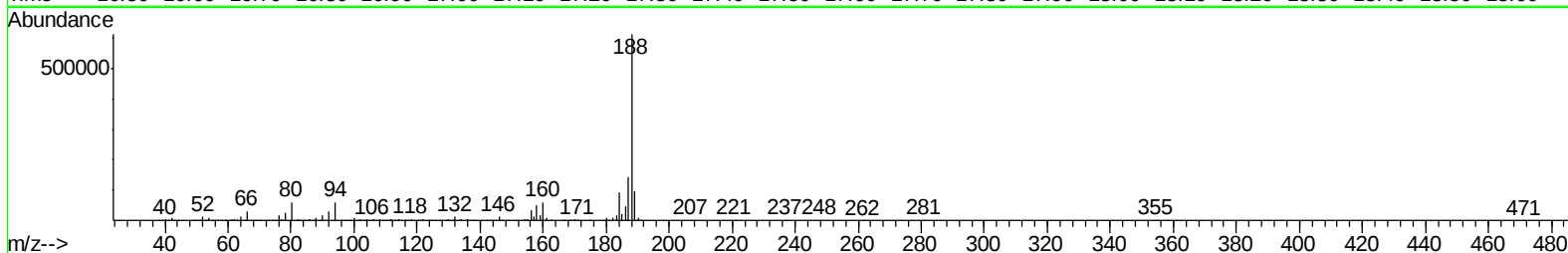
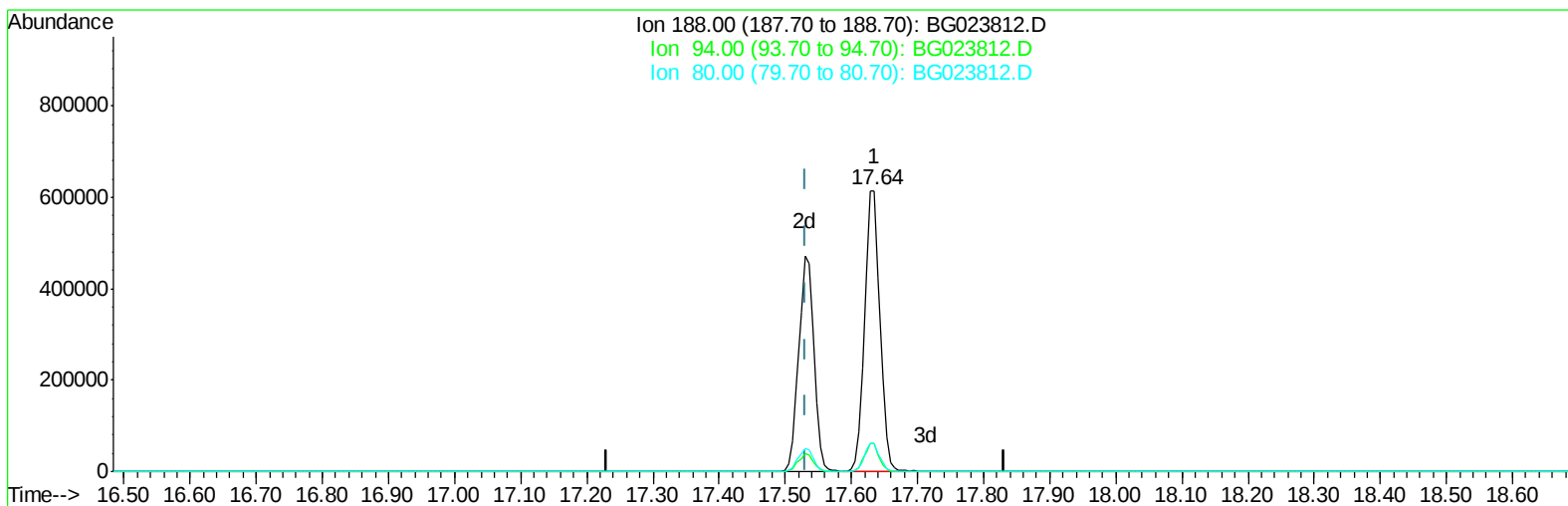
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(61) Phenanthrene-d10 (I)

17.635min (+0.104) 20.00ng/ul

response 964741

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 188.00 | 100   | 100  |
| 94.00  | 10.30 | 9.94 |
| 80.00  | 10.90 | 9.80 |
| 0.00   | 0.00  | 0.00 |

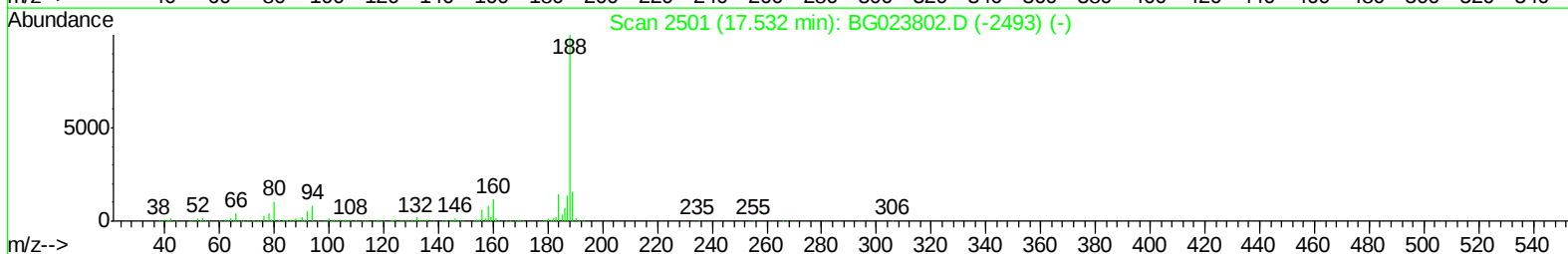
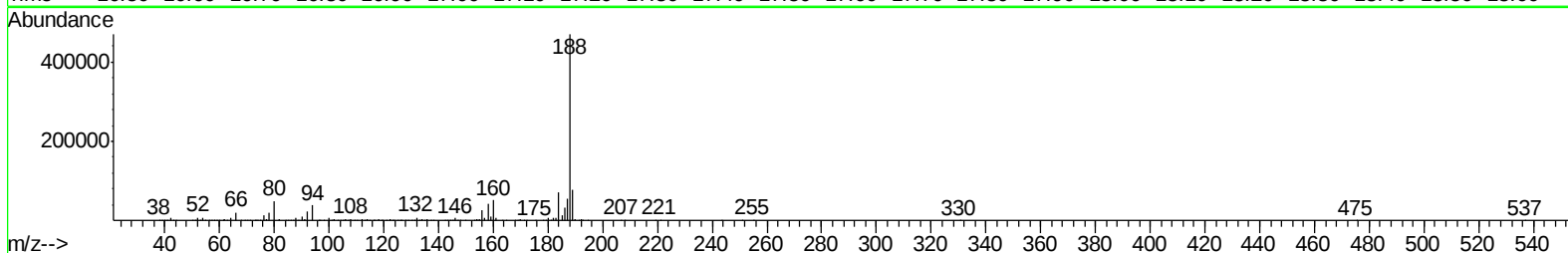
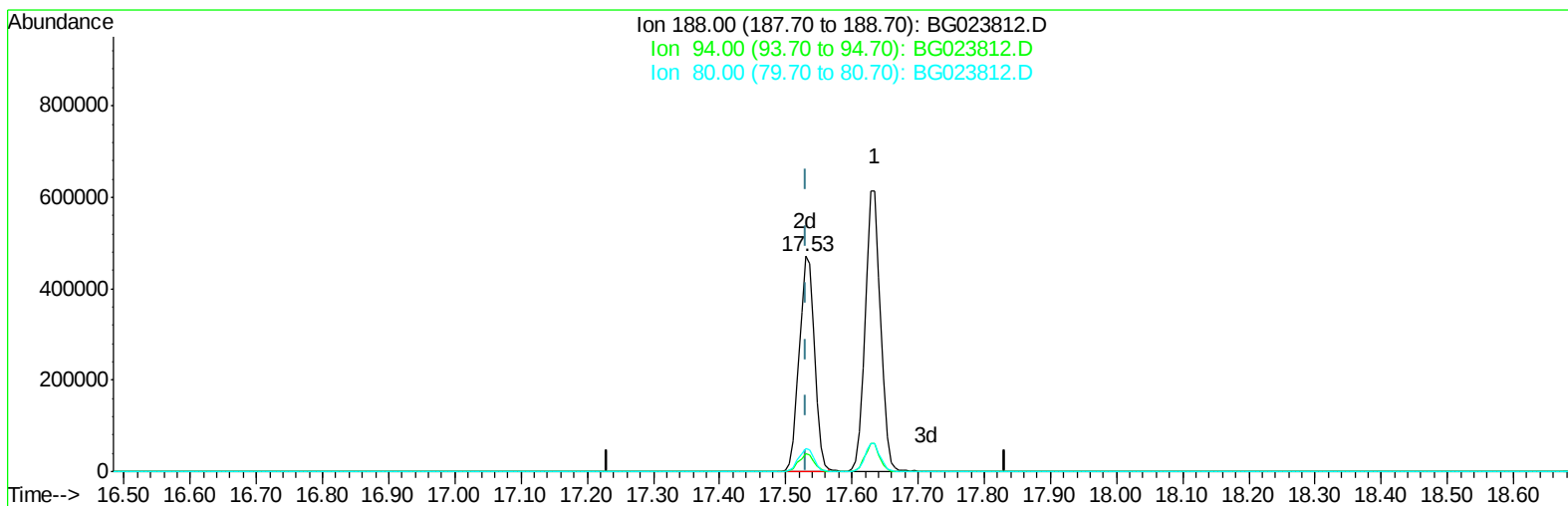
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(61) Phenanthrene-d10 (I)

17.529min (-0.002) 20.00ng/ul m

response 737136

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.30 | 8.23# |
| 80.00  | 10.90 | 10.60 |
| 0.00   | 0.00  | 0.00  |

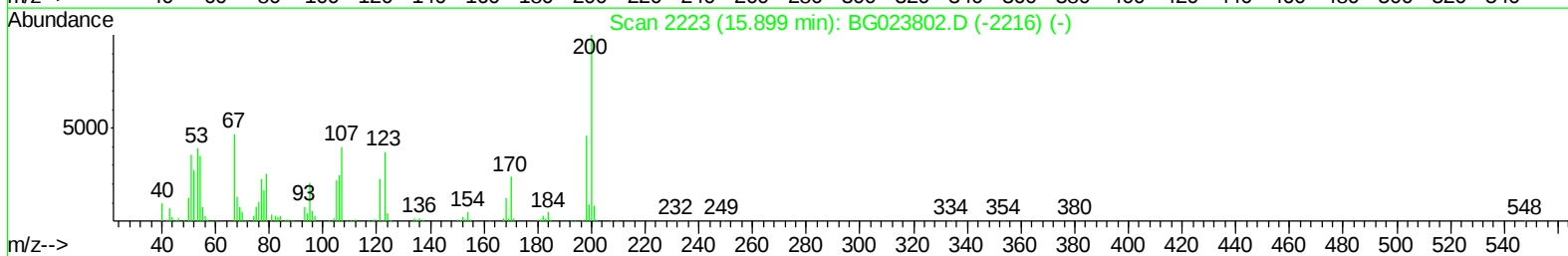
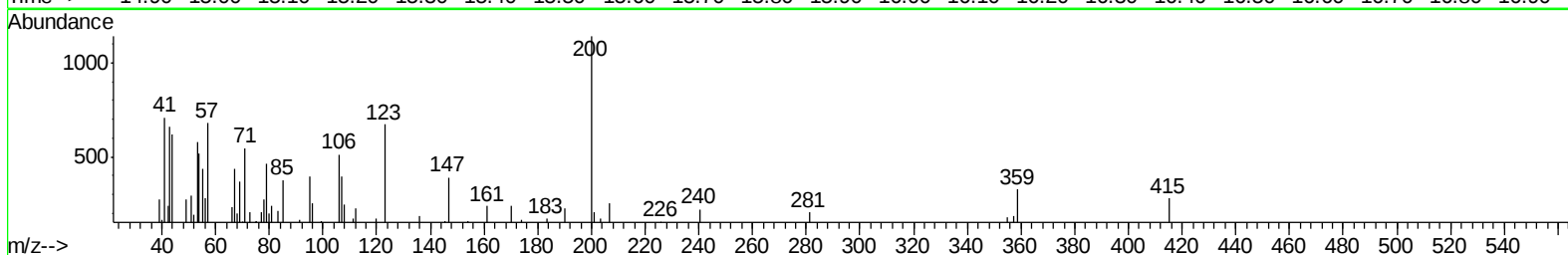
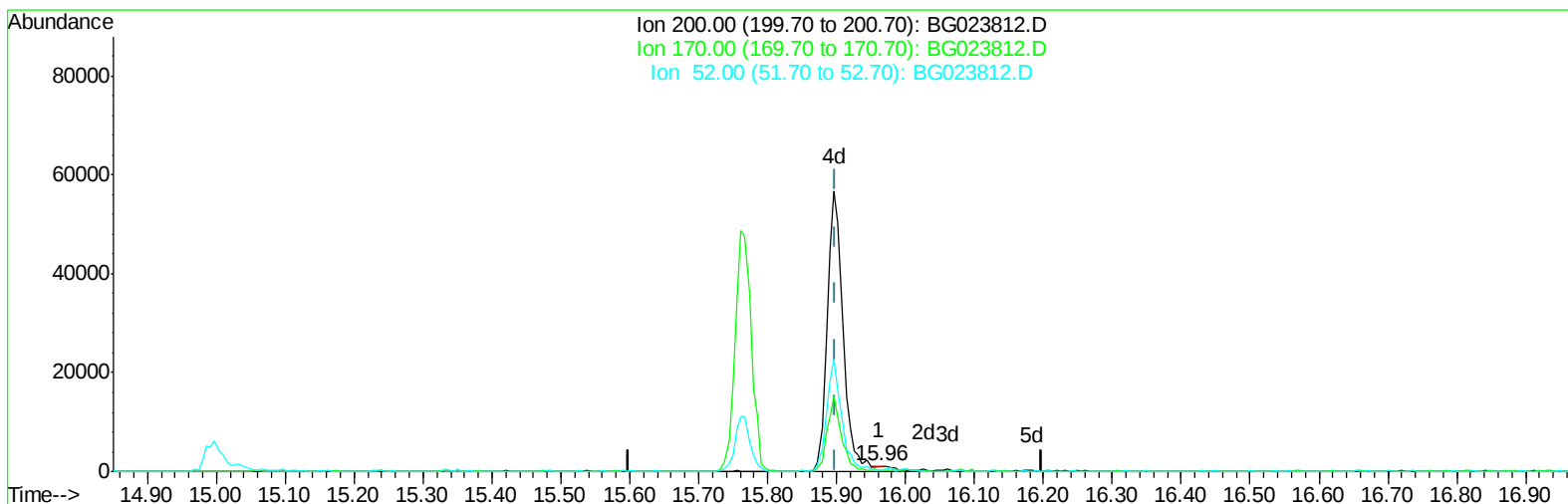
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
APPROVED

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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

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

15.961min (+0.062) 0.04ng/ul

response 195

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 15.20 | 20.77# |
| 52.00  | 32.20 | 17.09# |
| 0.00   | 0.00  | 0.00   |

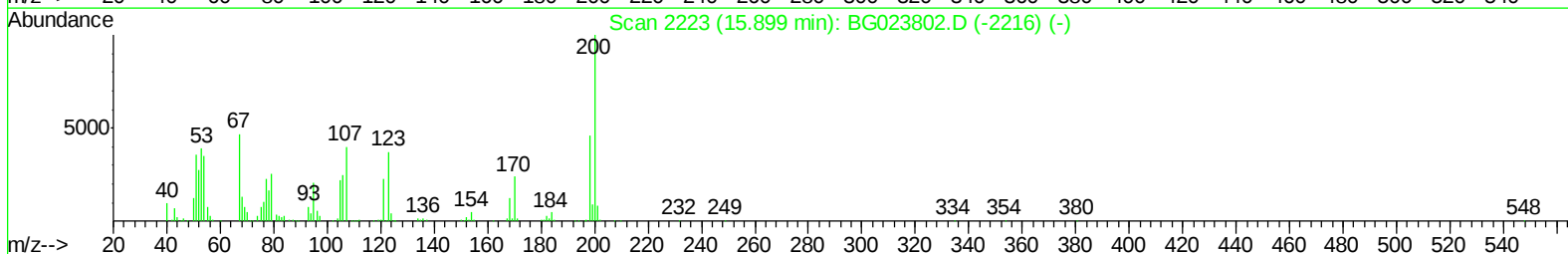
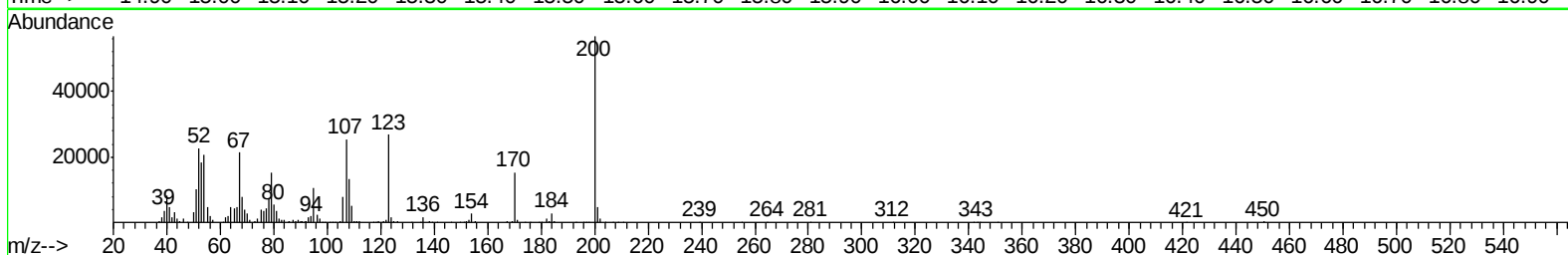
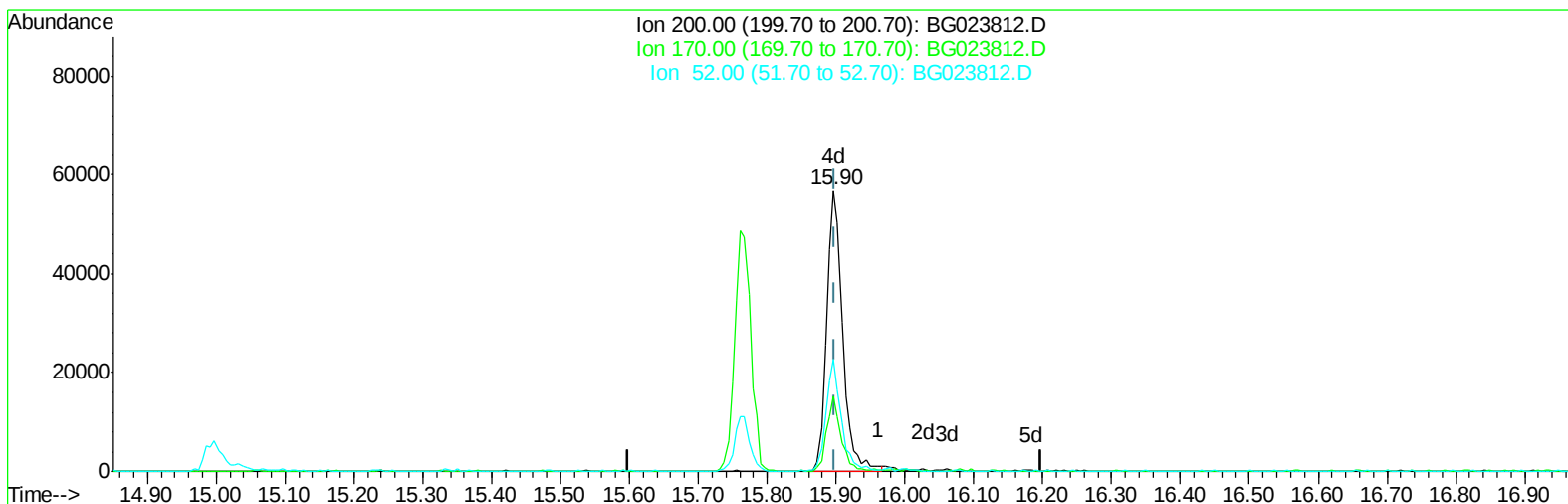
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

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

15.896min (-0.002) 19.45ng/ul m

response 90904

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 15.20 | 27.02# |
| 52.00  | 32.20 | 40.10# |
| 0.00   | 0.00  | 0.00   |

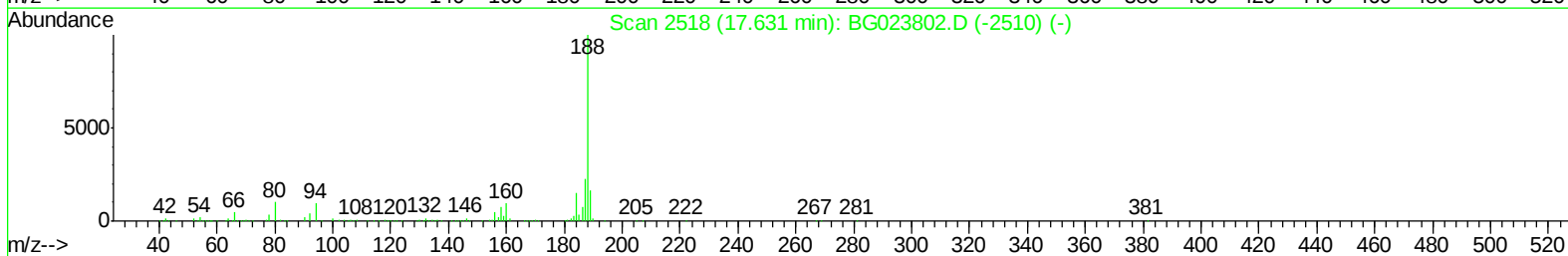
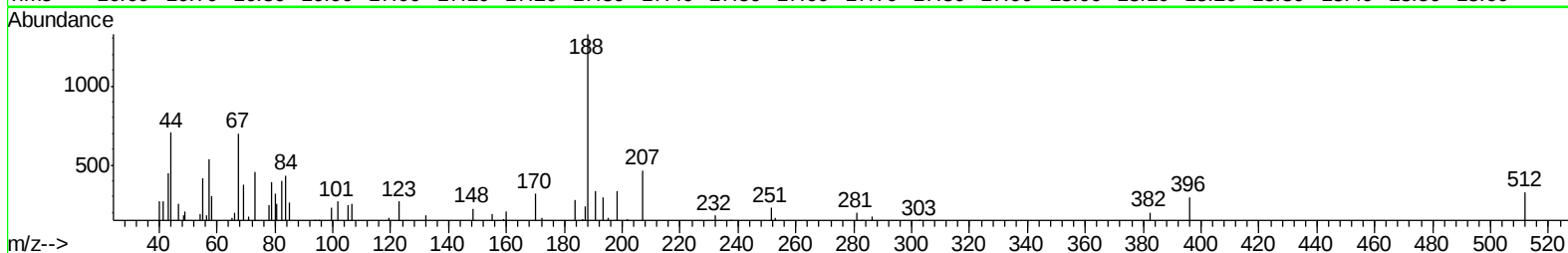
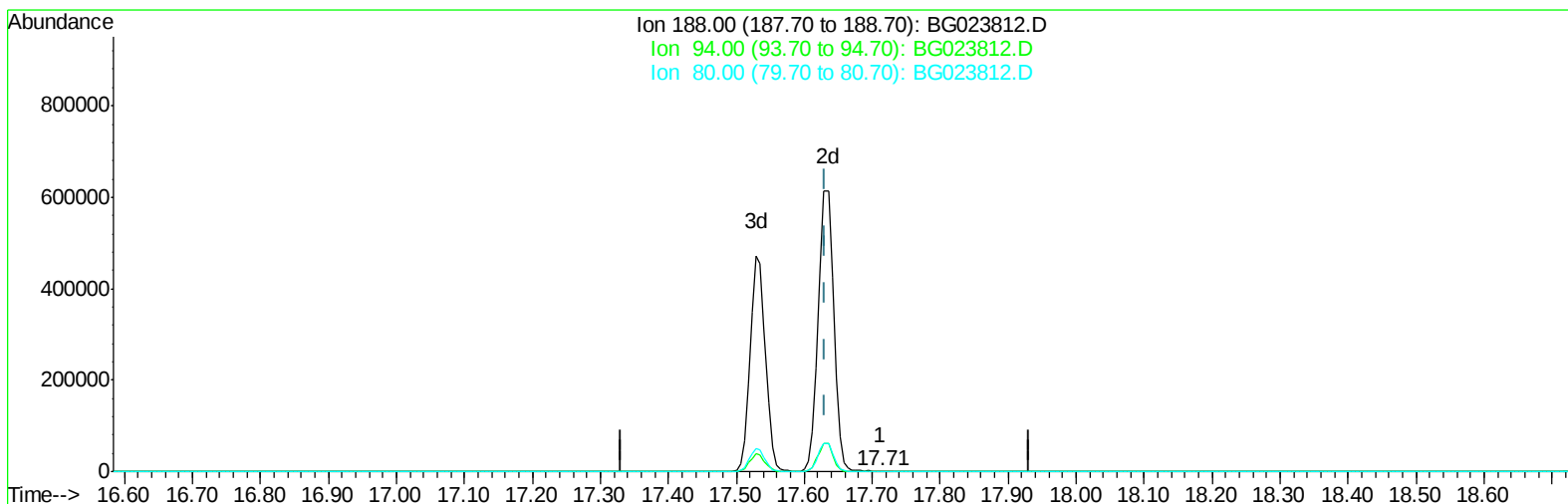
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(70) Anthracene-d10 (S)

17.712min (+0.080) 0.05ng/ul

response 1743

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 12.80 | 11.39  |
| 80.00  | 11.90 | 24.28# |
| 0.00   | 0.00  | 0.00   |

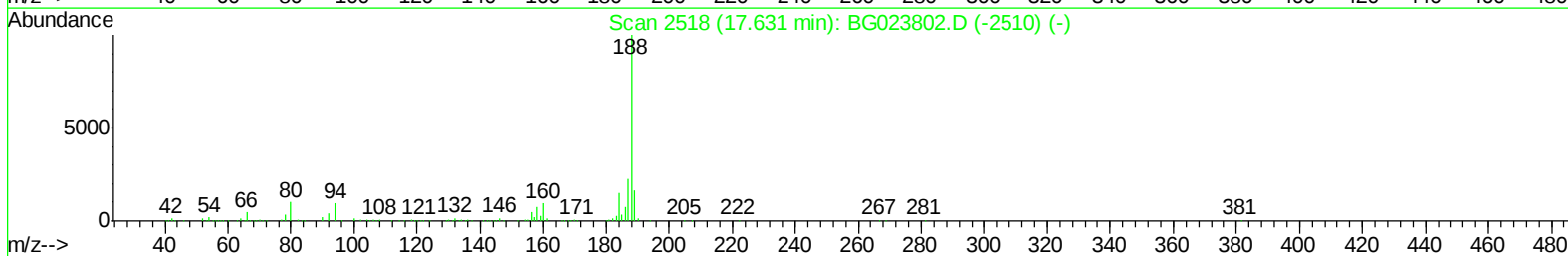
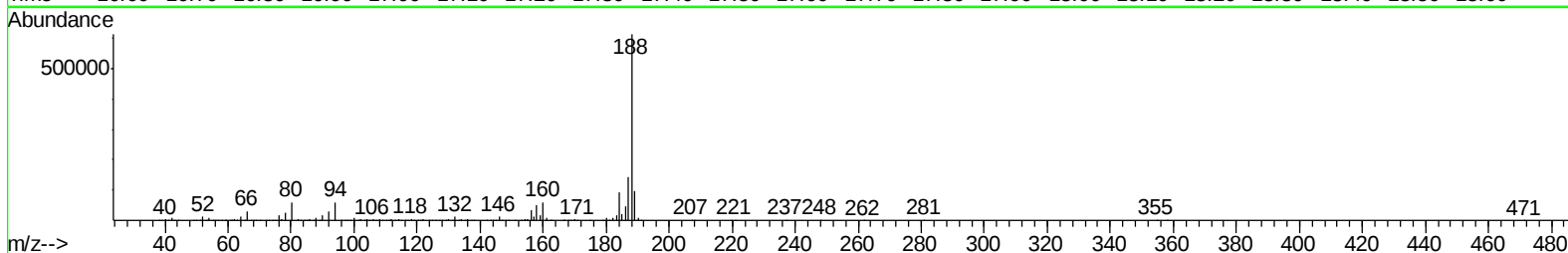
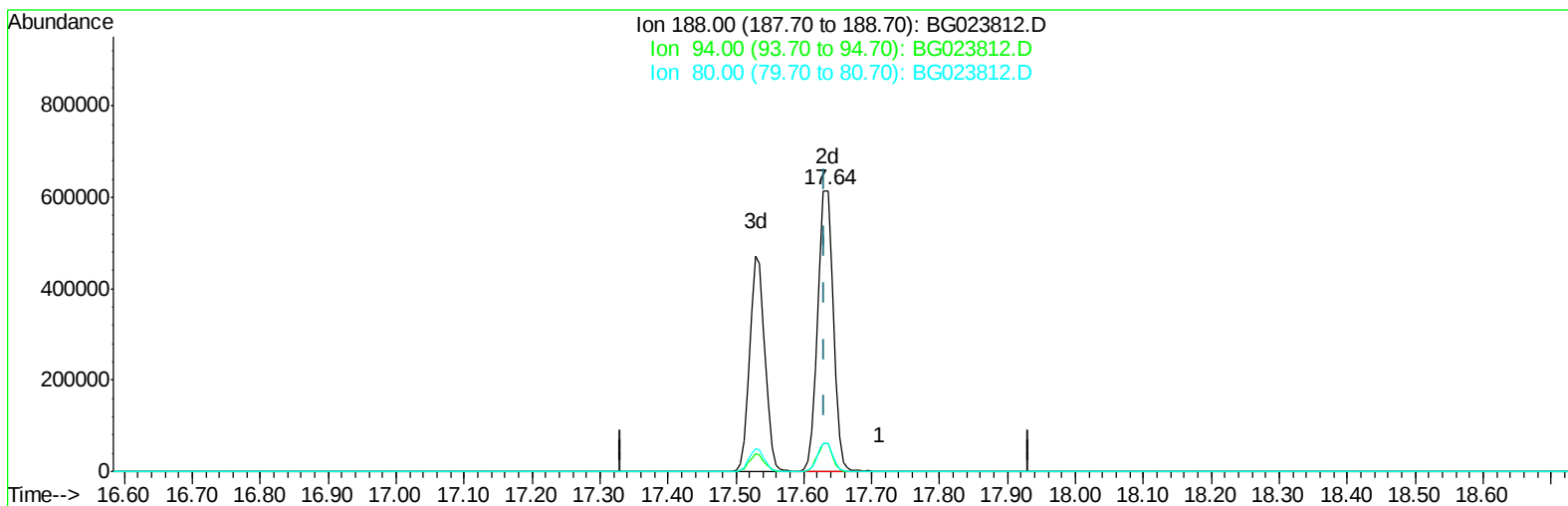
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(70) Anthracene-d10 (S)

17.635min (+0.004) 28.39ng/ul m

response 964794

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 12.80 | 9.94# |
| 80.00  | 11.90 | 9.80  |
| 0.00   | 0.00  | 0.00  |

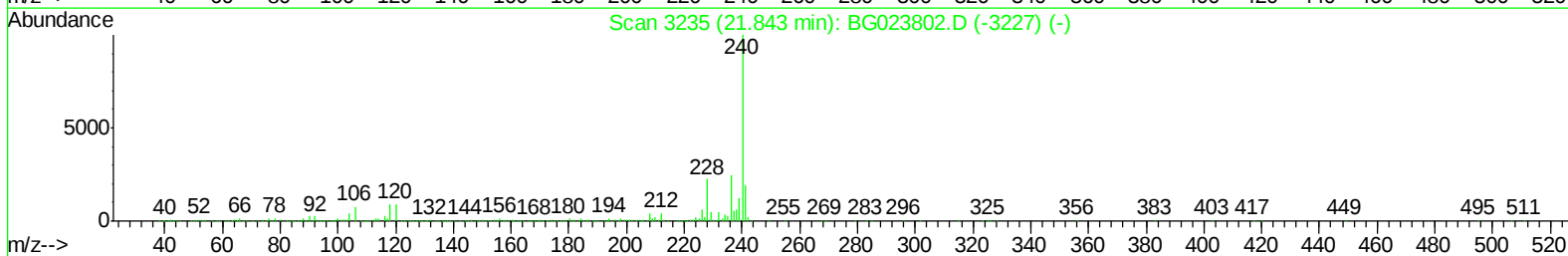
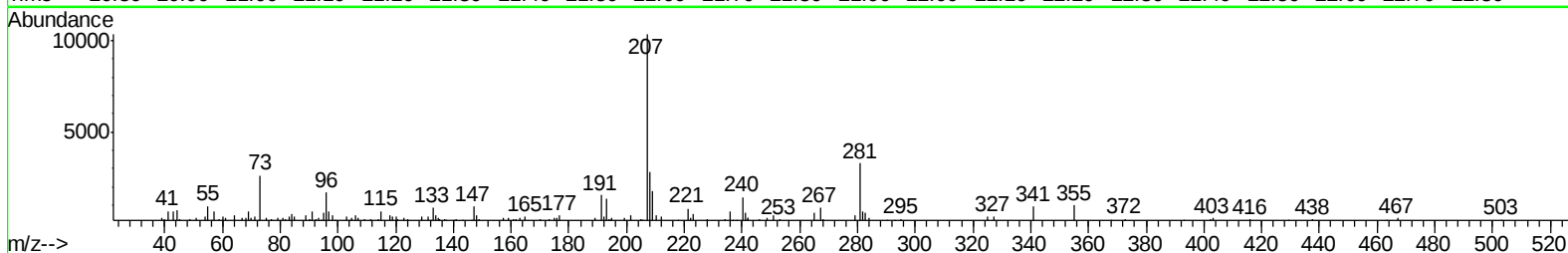
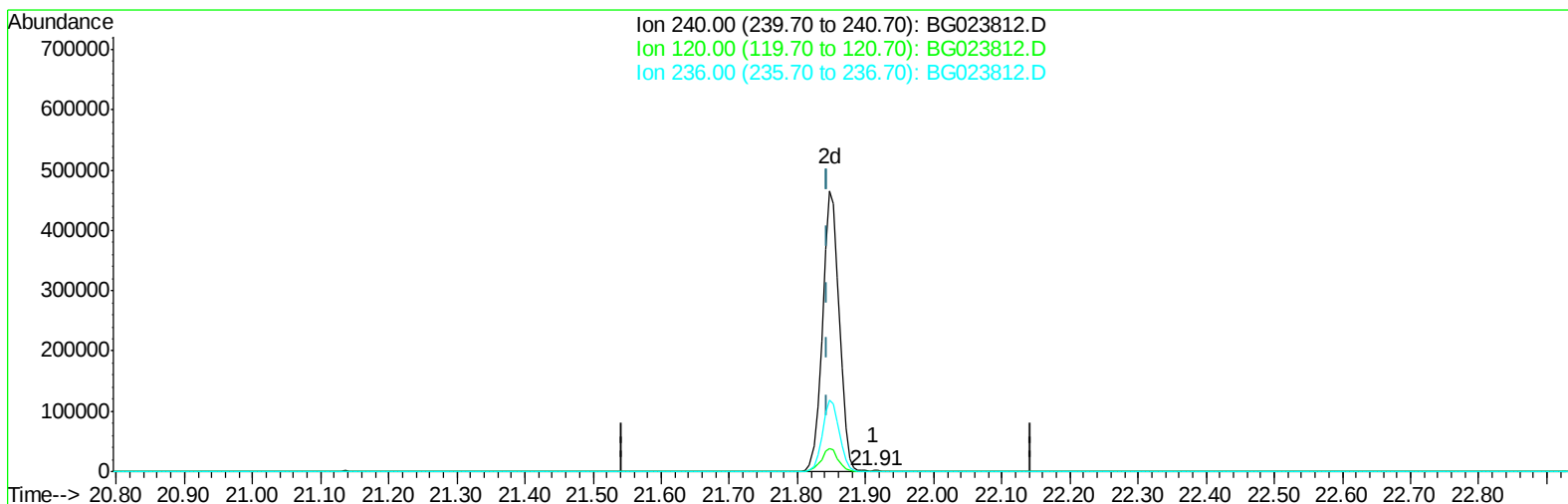
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(75) Chrysene-d12 (I)

21.912min (+0.068) 20.00ng/ul

response 980

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 14.40 | 25.66# |
| 236.00 | 26.10 | 47.08# |
| 0.00   | 0.00  | 0.00   |

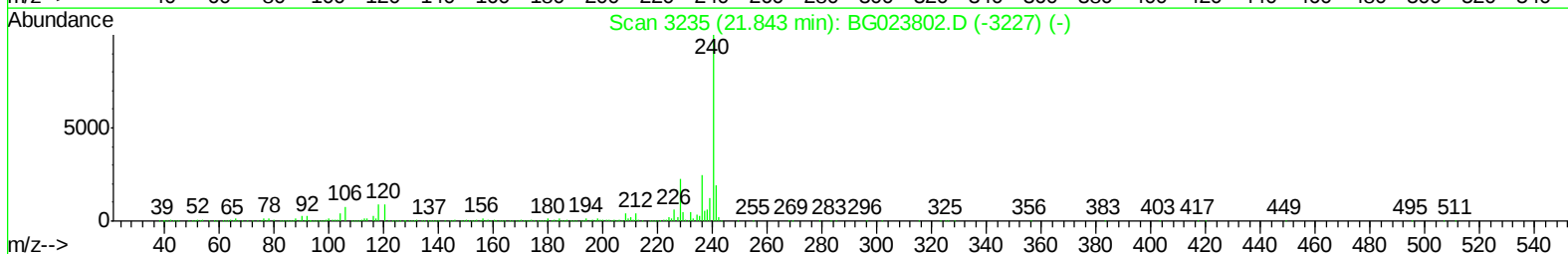
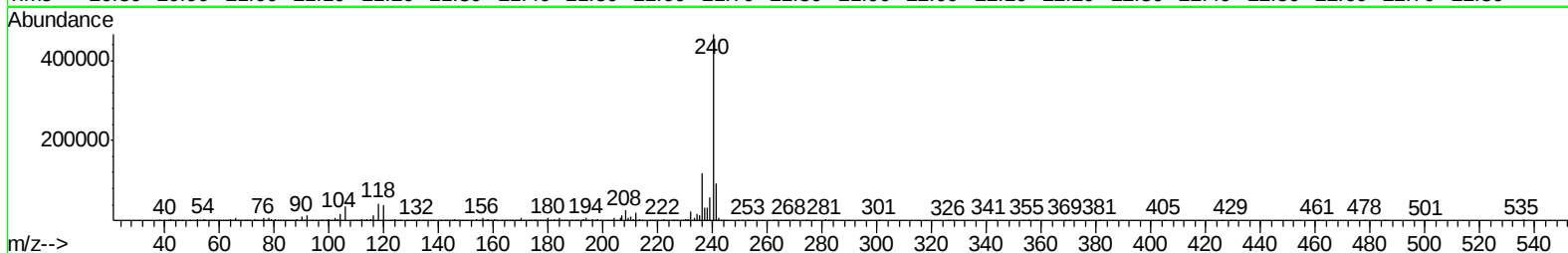
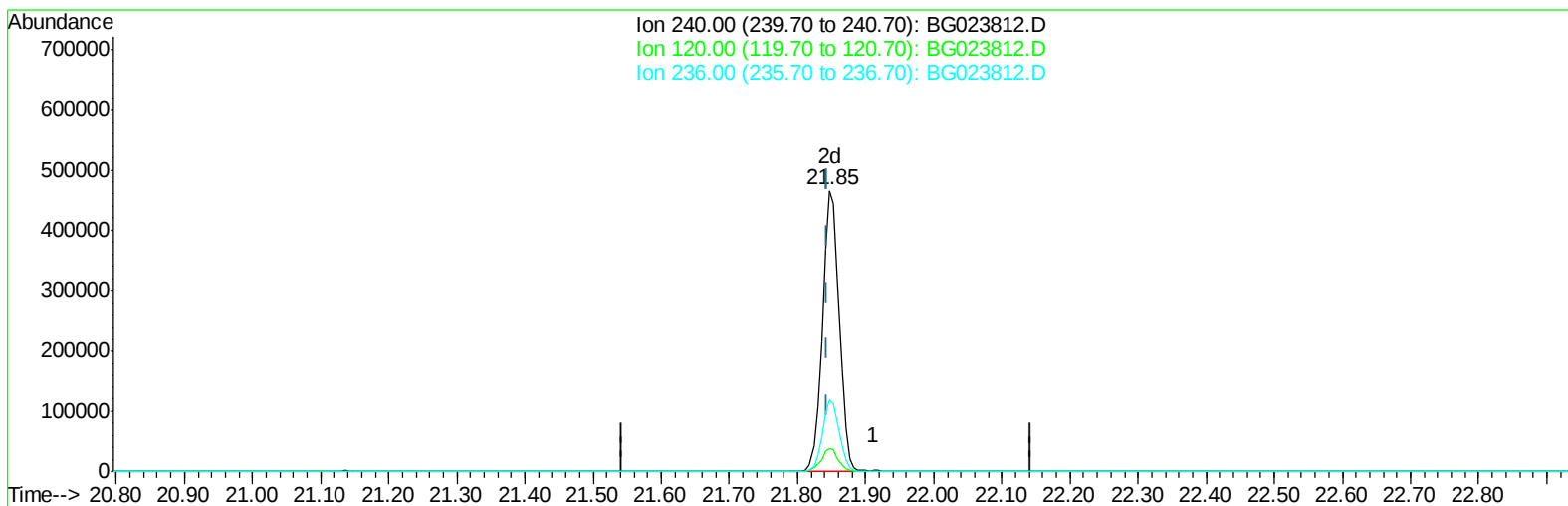
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
Data File : BG023812.D  
Acq On : 20 Aug 2016 11:33  
Operator : UM/SJ  
Sample : H4496-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHPT7

Manual Integrations  
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Quant Time: Aug 22 03:43:27 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 22 03:42:09 2016  
Response via : Initial Calibration



TIC: BG023812.D

(75) Chrysene-d12 (I)

21.847min (+0.004) 20.00ng/ul m

response 795116

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 14.40 | 8.27# |
| 236.00 | 26.10 | 25.59 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082016\  
 Data File : BG023812.D  
 Acq On : 20 Aug 2016 11:33  
 Operator : UM/SJ  
 Sample : H4496-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHPT7

Manual Integrations  
 APPROVED

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 8/22/2016 3:53:28 PM

Quant Time: Aug 22 04:17:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 22 03:42:09 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 117839   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 487110   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 314382   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 737136m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 795116m  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 763425   | 20.00 | ng/ul | 0.02     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96   | 13771    | 5.30  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.25  | 99   | 296346   | 26.82 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67   | 203304   | 26.85 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.62  | 132  | 209725   | 26.74 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.81  | 113  | 226915   | 26.26 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.27  | 128  | 110339   | 28.04 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.00 | 143  | 126285   | 28.15 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165  | 213213   | 26.28 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.07 | 131  | 300175   | 30.24 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.16 | 166  | 739624   | 28.38 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.46 | 160  | 837889   | 28.39 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.99 | 143  | 94567m   | 22.45 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.76 | 176  | 644193   | 28.31 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200  | 90904m   | 19.45 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.64 | 188  | 964794m  | 28.39 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.93 | 212  | 1103213  | 28.92 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264  | 1032596  | 29.54 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol             | 7.28  | 94   | 29247    | 2.58  | ng/ul# | 67     |
| 44) Dimethylphthalate | 14.21 | 163  | 526283   | 20.19 | ng/ul  | 98     |

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

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Misc :  
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Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
APPROVED

sohil  
8/22/2016 3:53:28 PM

Quant Time: Aug 22 04:17:05 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
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Response via : Initial Calibration

