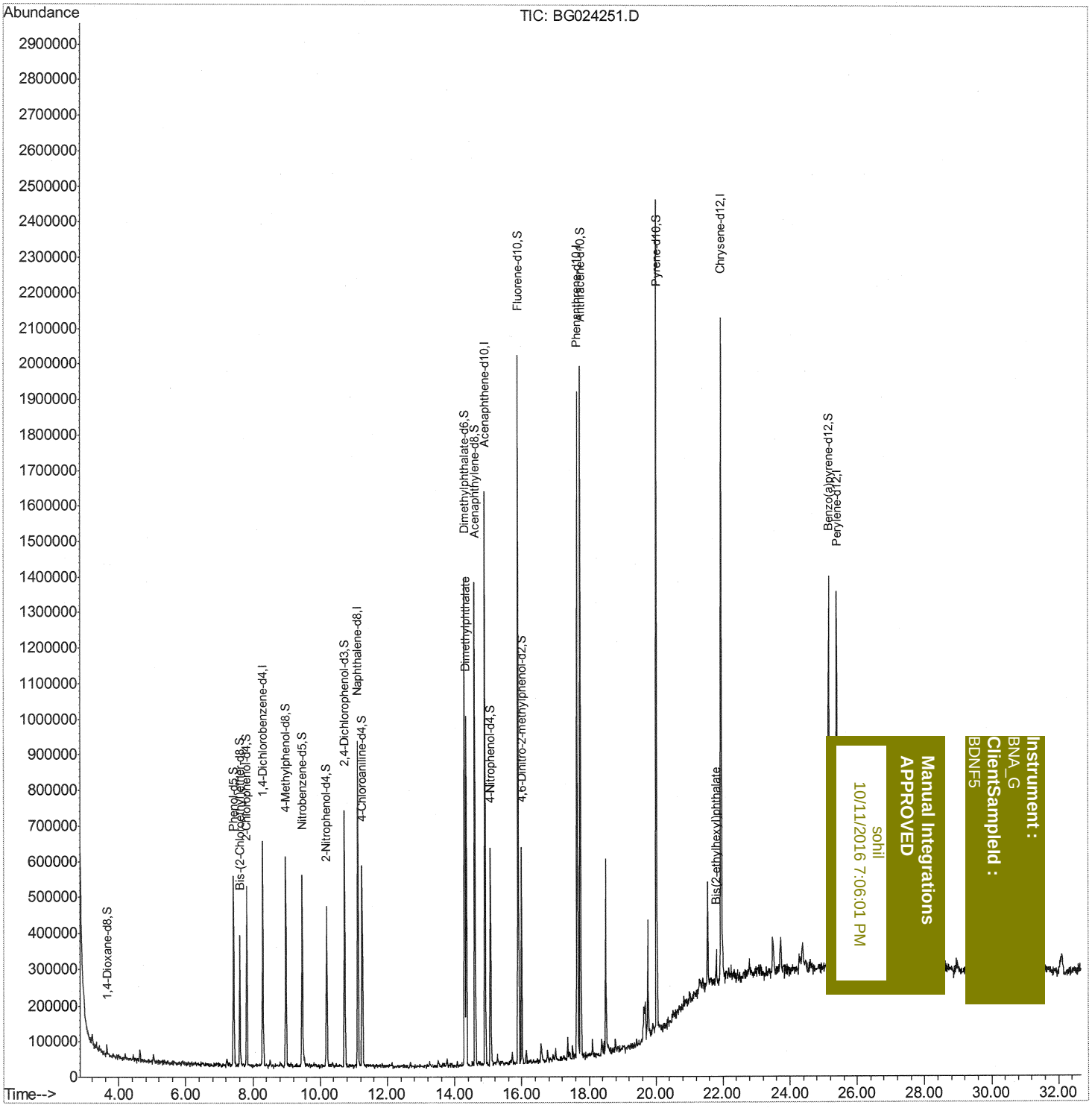
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

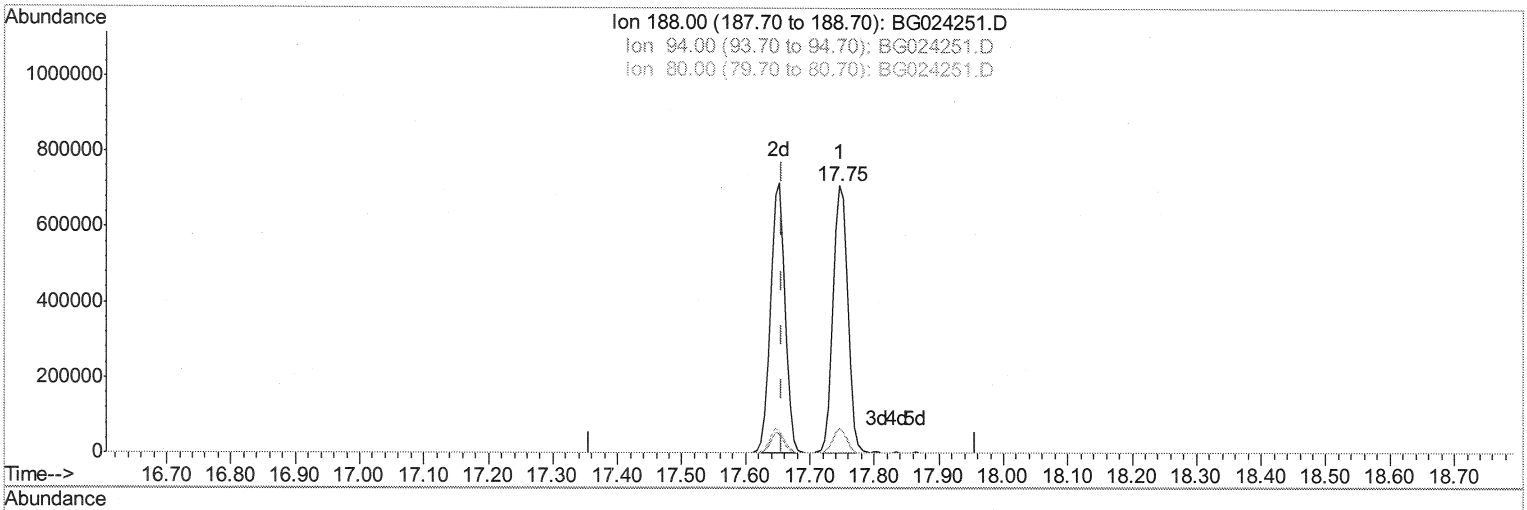
Quant Time: Oct 11 11:17:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration

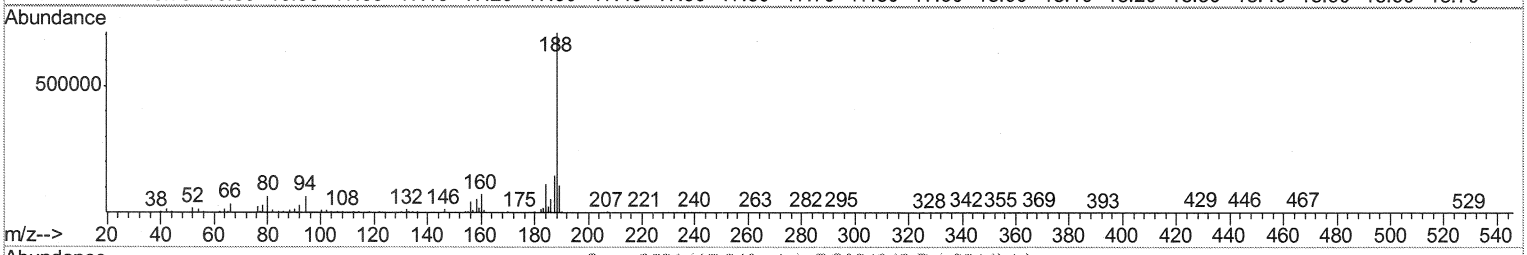


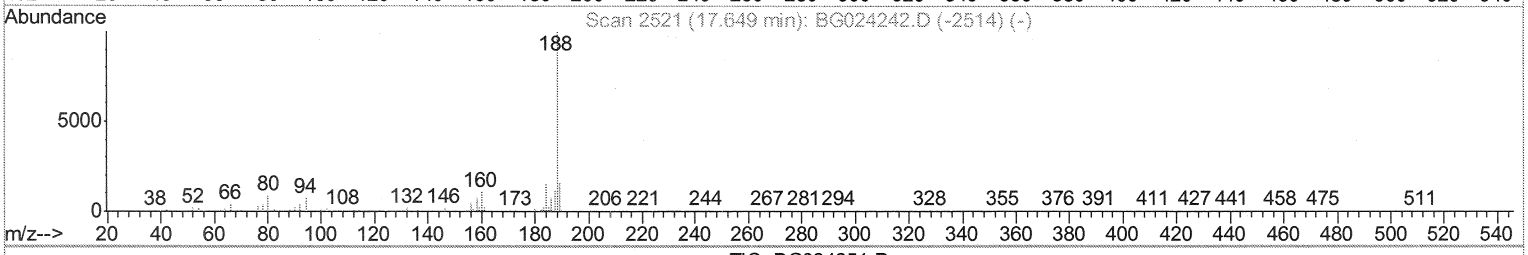
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:11:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(61) Phenanthrene-d10 (I)

17.746min (+0.090) 20.00ng/ul

response 1157582

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 10.30 | 9.07 |
| 80.00 | 10.90 | 9.14 |
| 0.00 | 0.00 | 0.00 |

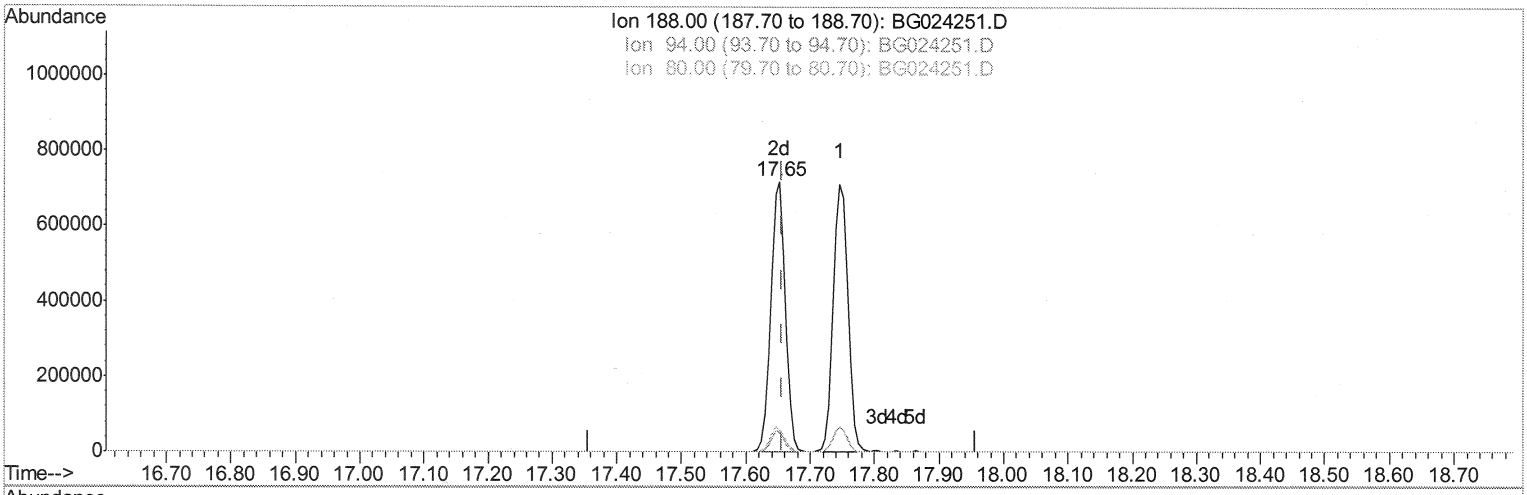
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

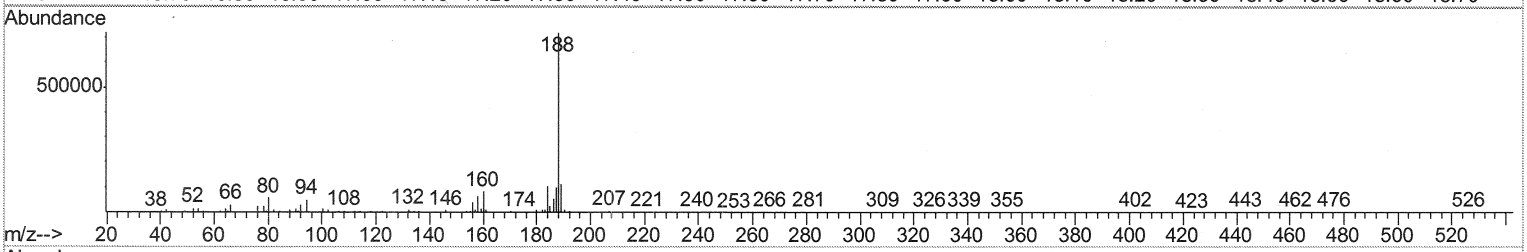
Instrument :
BNA_G
ClientSampleId :
BDNF5

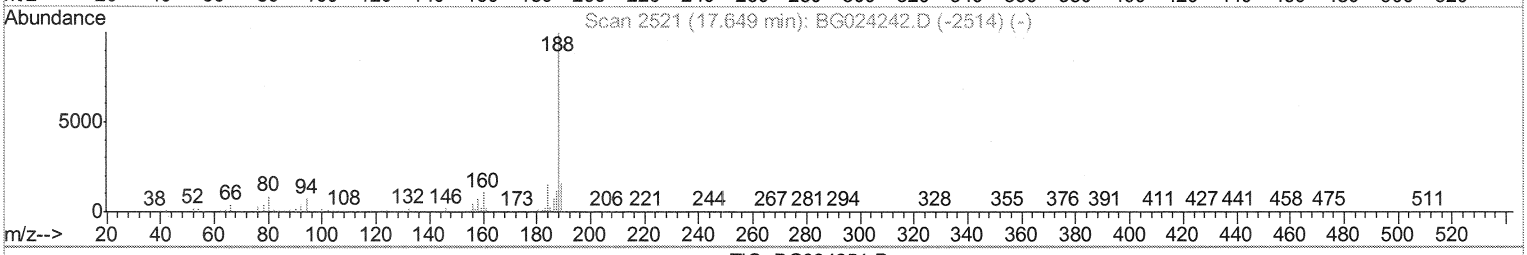
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:11:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(61) Phenanthrene-d10 (I)

17.652min (-0.004) 20.00ng/ul m

response 1147919

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 10.30 | 6.97# |
| 80.00 | 10.90 | 8.11# |
| 0.00 | 0.00 | 0.00 |

UM 10/12/16

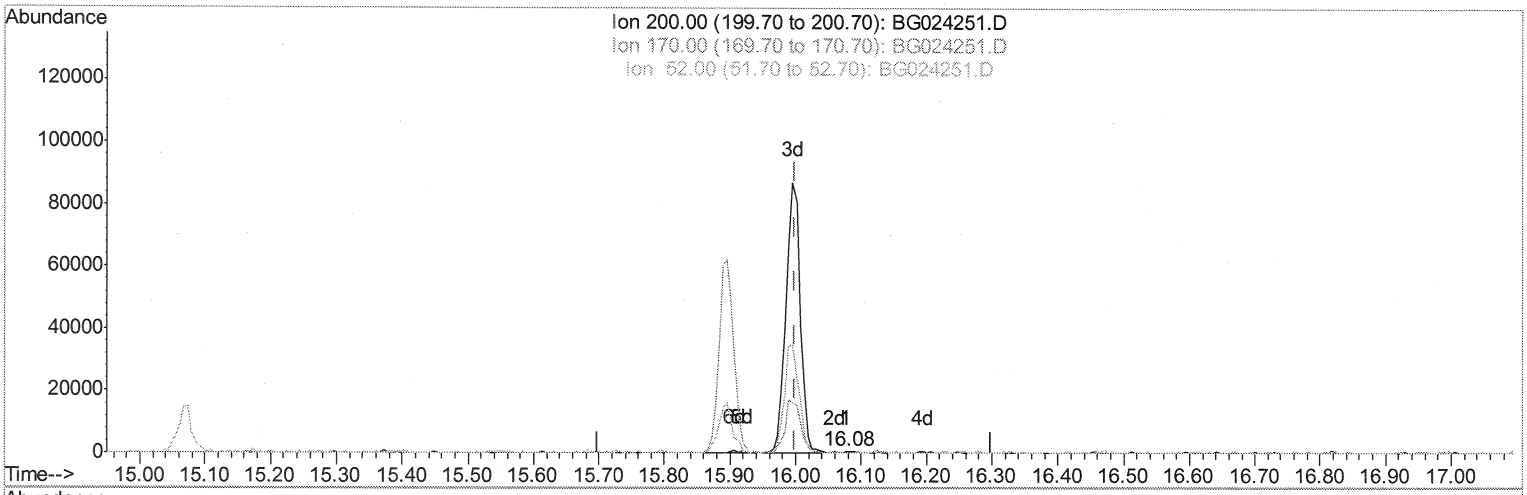
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

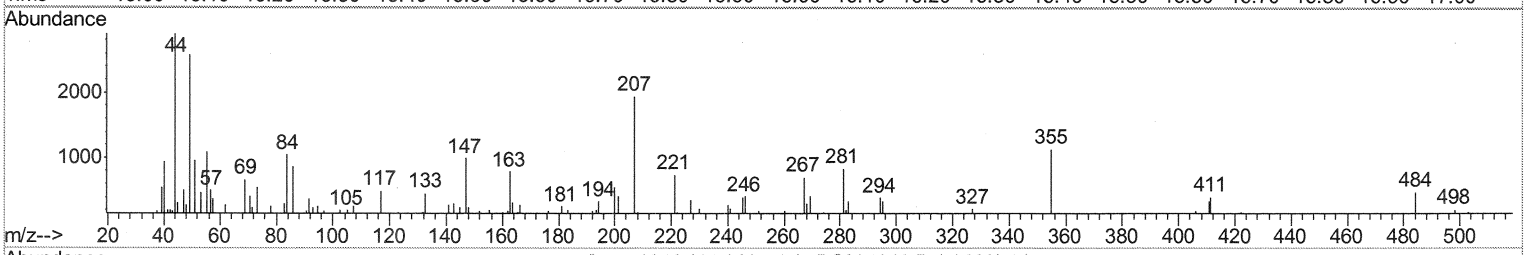
Instrument :
BNA_G
ClientSampleId :
BDNF5

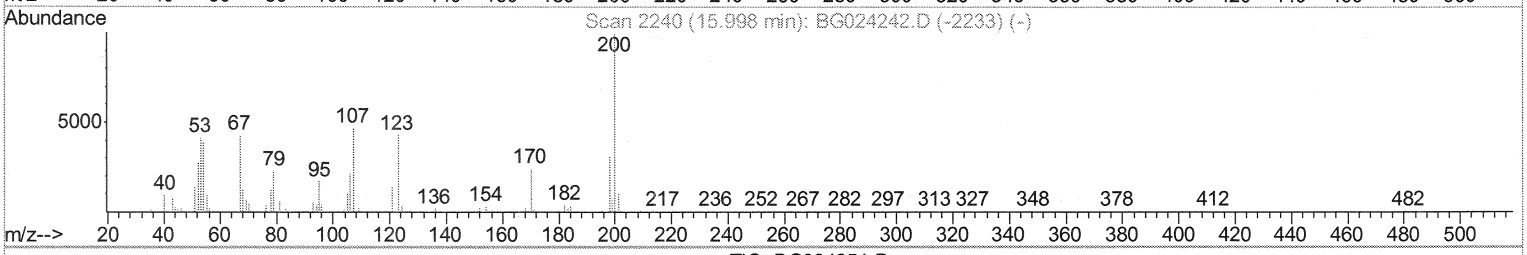
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:13:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

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

16.077min (+0.078) 0.08ng/ul

response 542

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

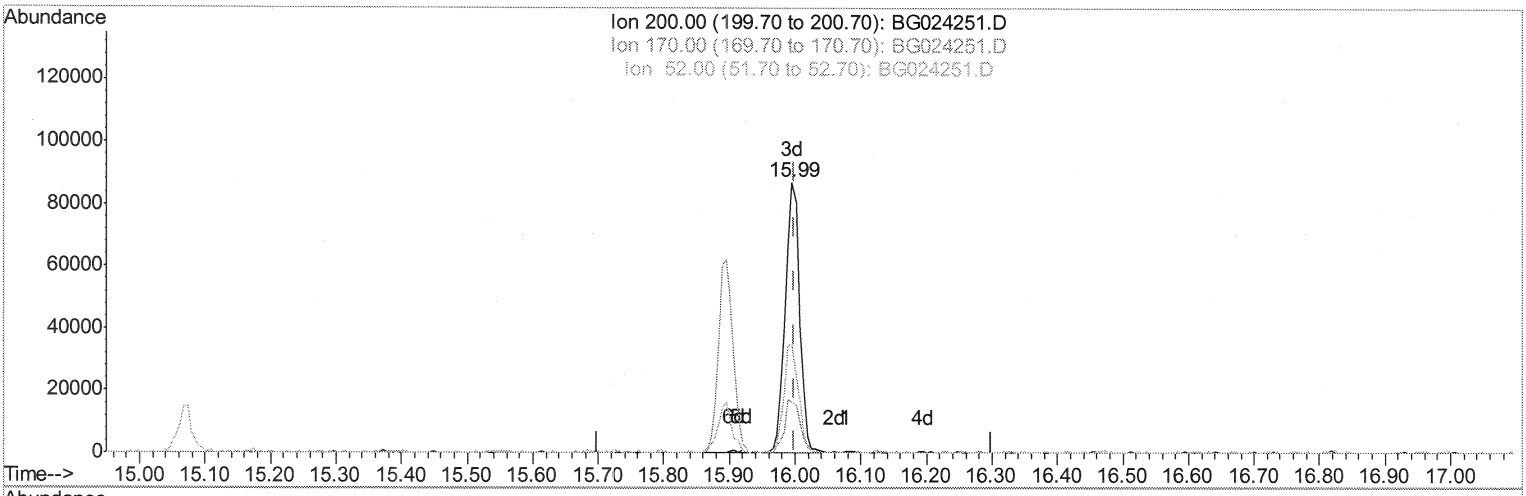
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

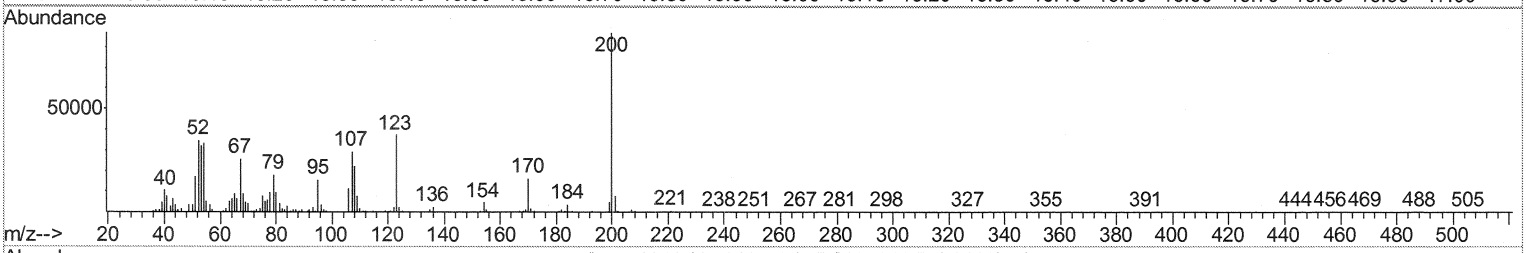
Instrument :
BNA_G
ClientSampleId :
BDNF5

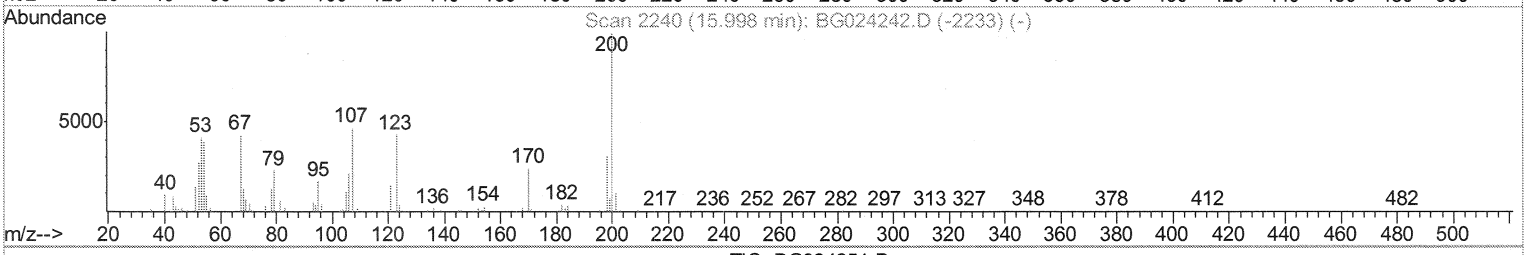
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:13:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

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

15.995min (-0.004) 18.95ng/ul m

response 130725

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100 | 100 |
| 170.00 | 15.20 | 18.77# |
| 52.00 | 32.20 | 39.96# |
| 0.00 | 0.00 | 0.00 |

UM
10/12/16

Manual Integrations APPROVED
sohil
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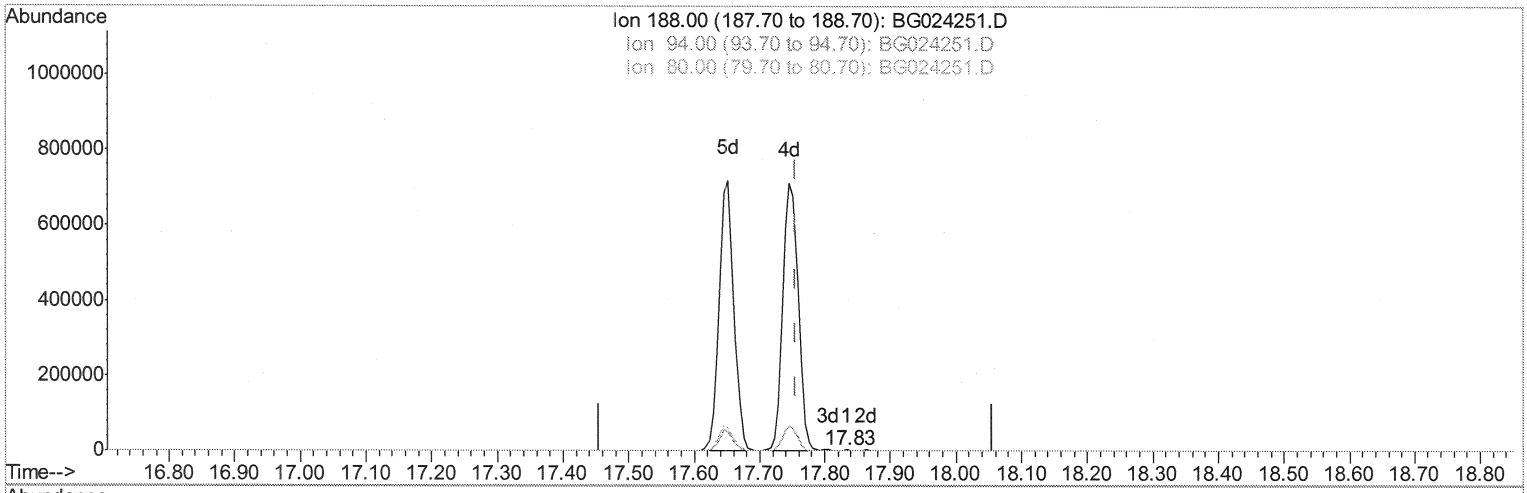
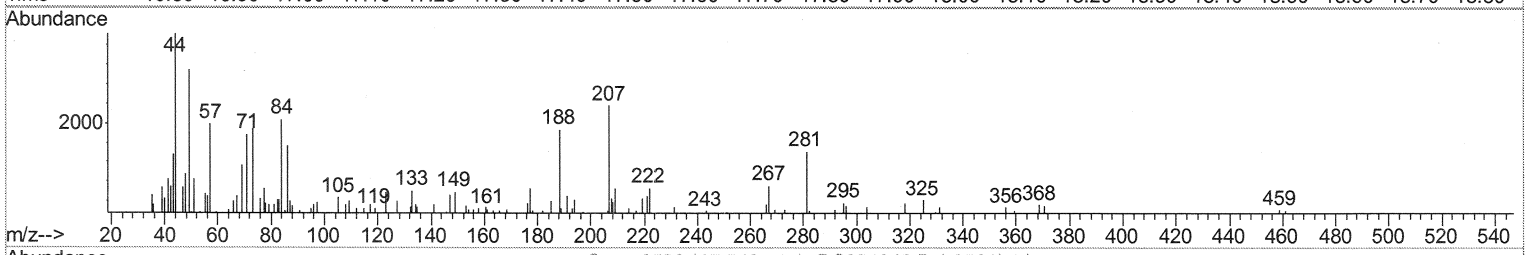
Instrument :
BNA_G
ClientSampleId :
BDNF5

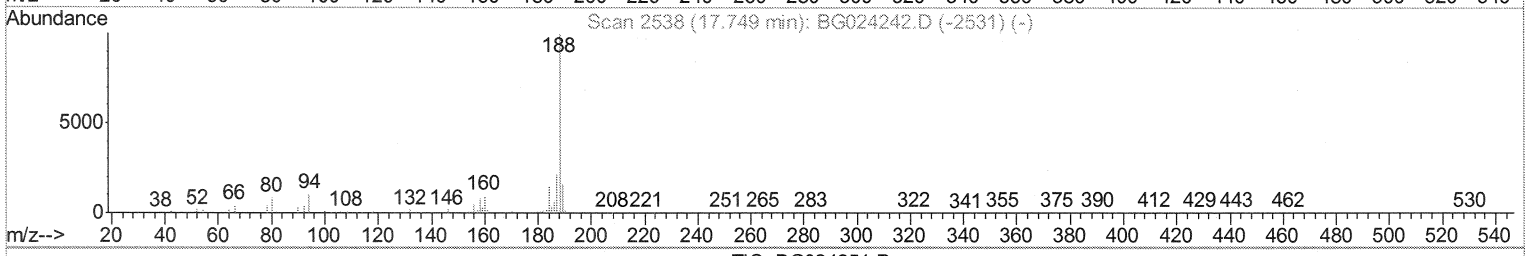
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:13:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(70) Anthracene-d10 (S)

17.834min (+0.078) 0.03ng/ul

response 1684

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

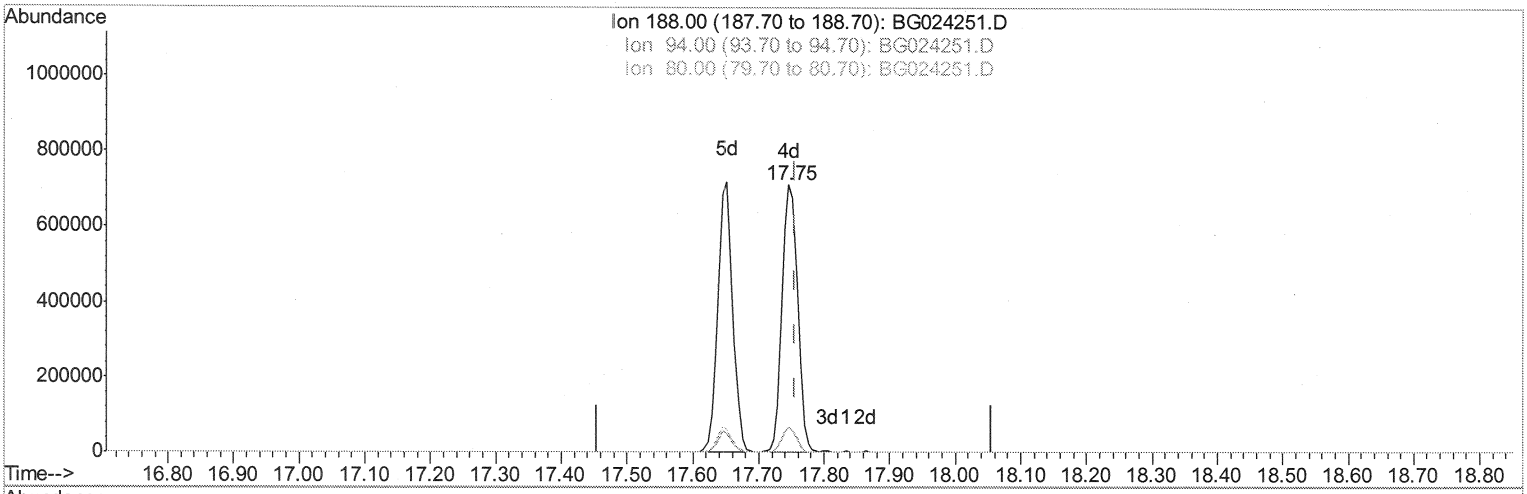
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

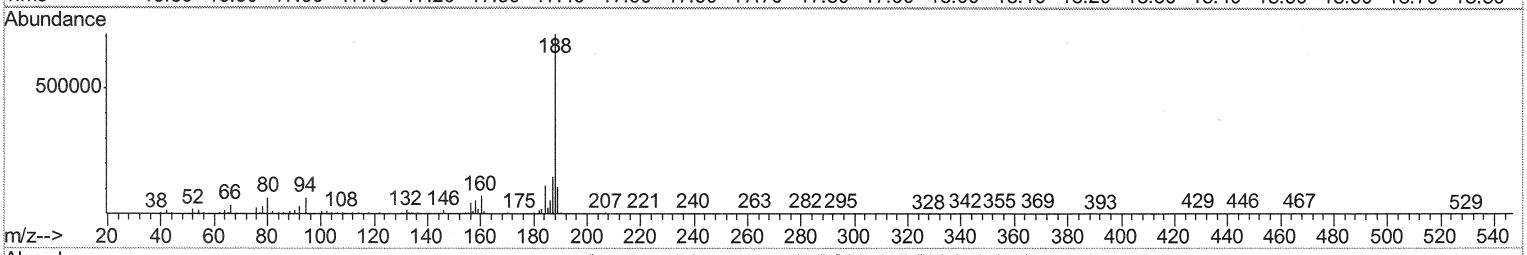
Instrument :
BNA_G
ClientSampleId :
BDNF5

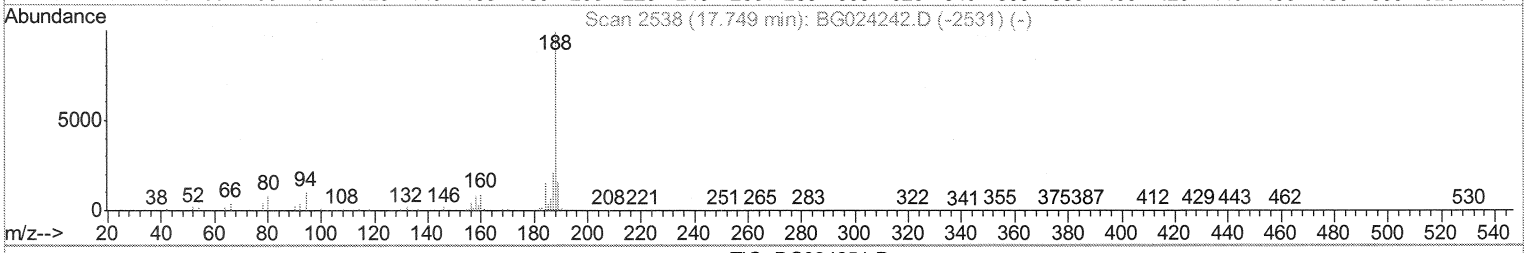
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:13:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(70) Anthracene-d10 (S)

17.746min (-0.010) 22.34ng/ul m UM 10/12/16

response 1158232

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 12.80 | 9.07# |
| 80.00 | 11.90 | 9.14# |
| 0.00 | 0.00 | 0.00 |

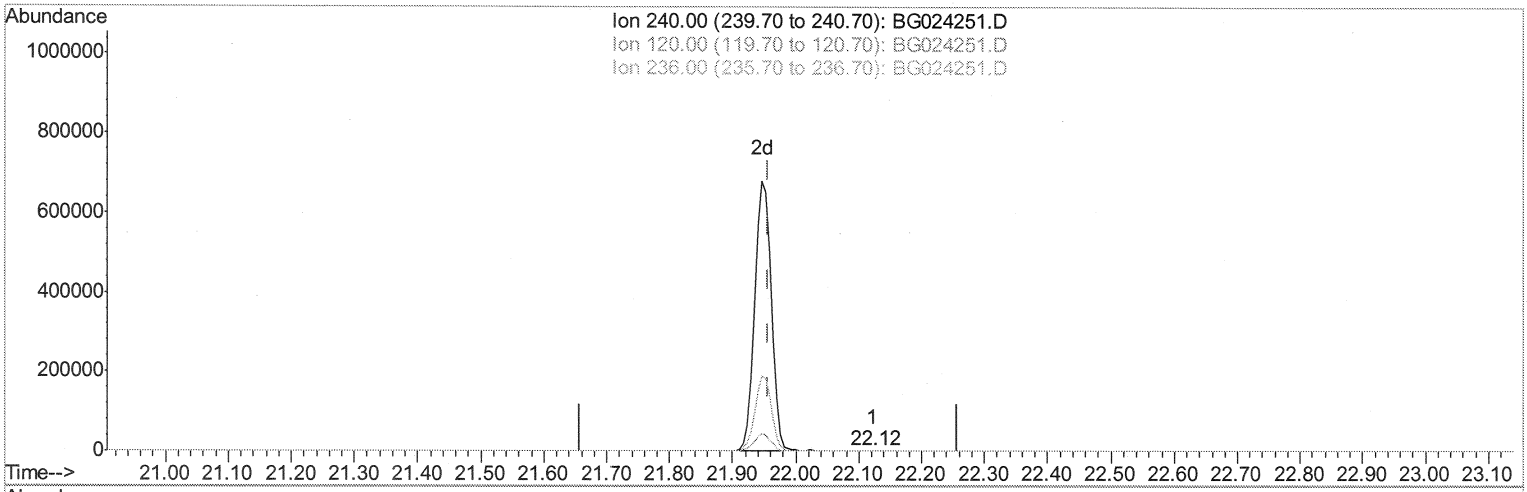
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

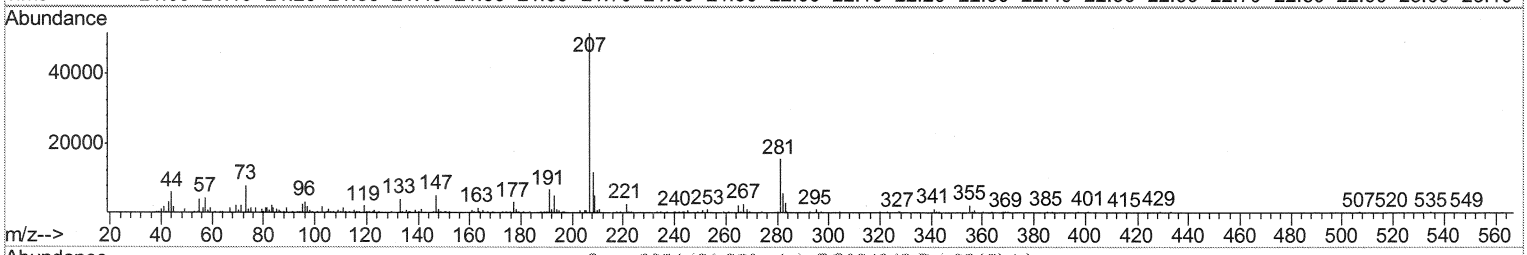
Instrument :
BNA_G
ClientSampleId :
BDNF5

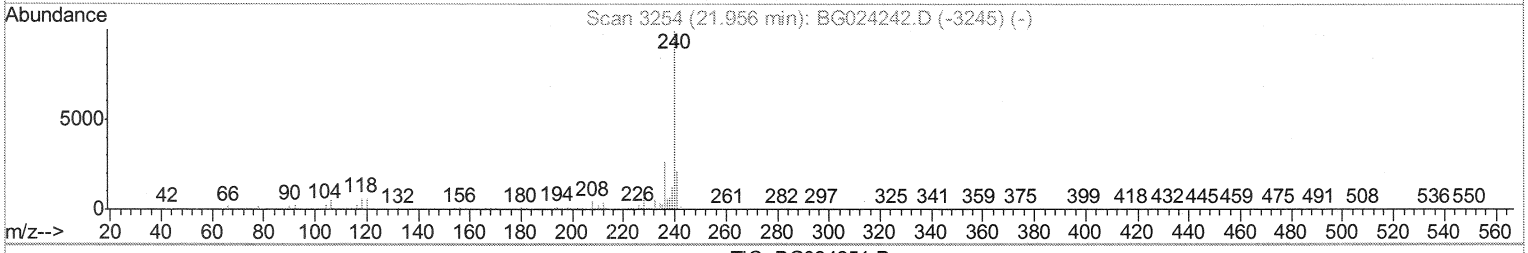
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:13:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(75) Chrysene-d12 (I)

22.123min (+0.166) 20.00ng/ul

response 1758

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 100 |
| 120.00 | 14.40 | 42.66# |
| 236.00 | 26.10 | 15.12# |
| 0.00 | 0.00 | 0.00 |

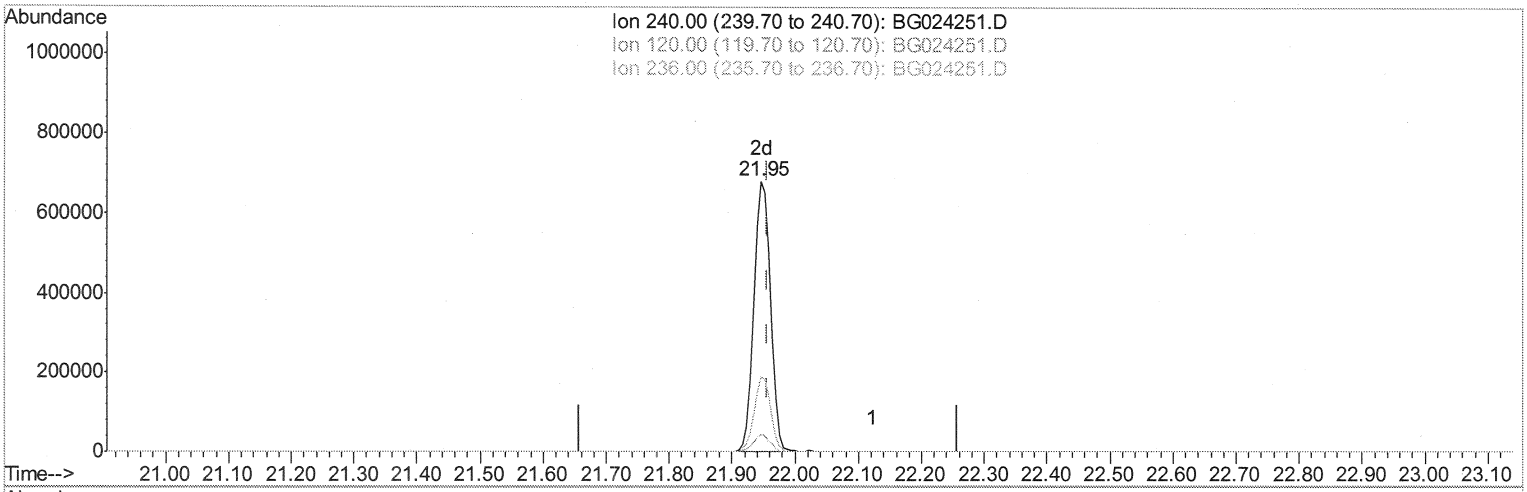
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

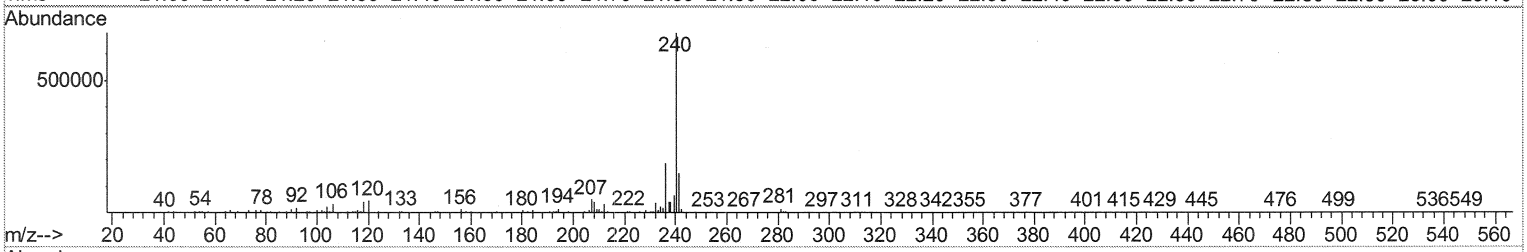
Instrument :
BNA_G
ClientSampleId :
BDNF5

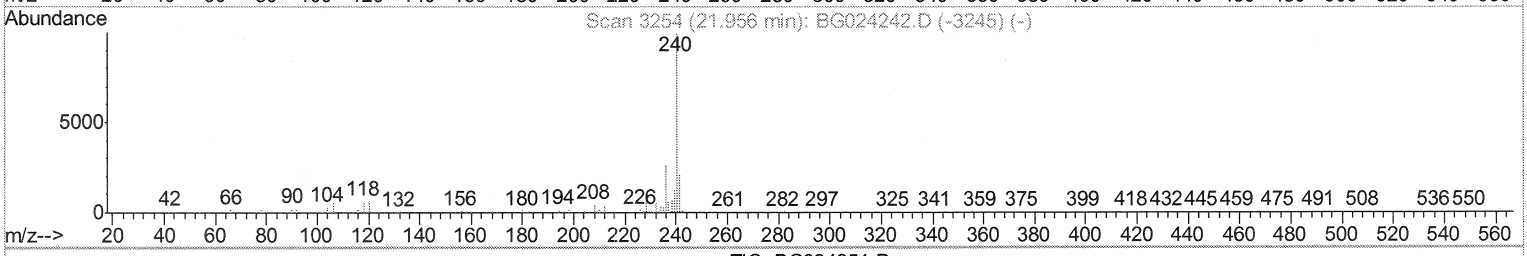
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:13:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(75) Chrysene-d12 (I)

21.947min (-0.010) 20.00ng/ul m

response 1235845

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 100 |
| 120.00 | 14.40 | 6.57# |
| 236.00 | 26.10 | 27.74 |
| 0.00 | 0.00 | 0.00 |

UM
10/12/16

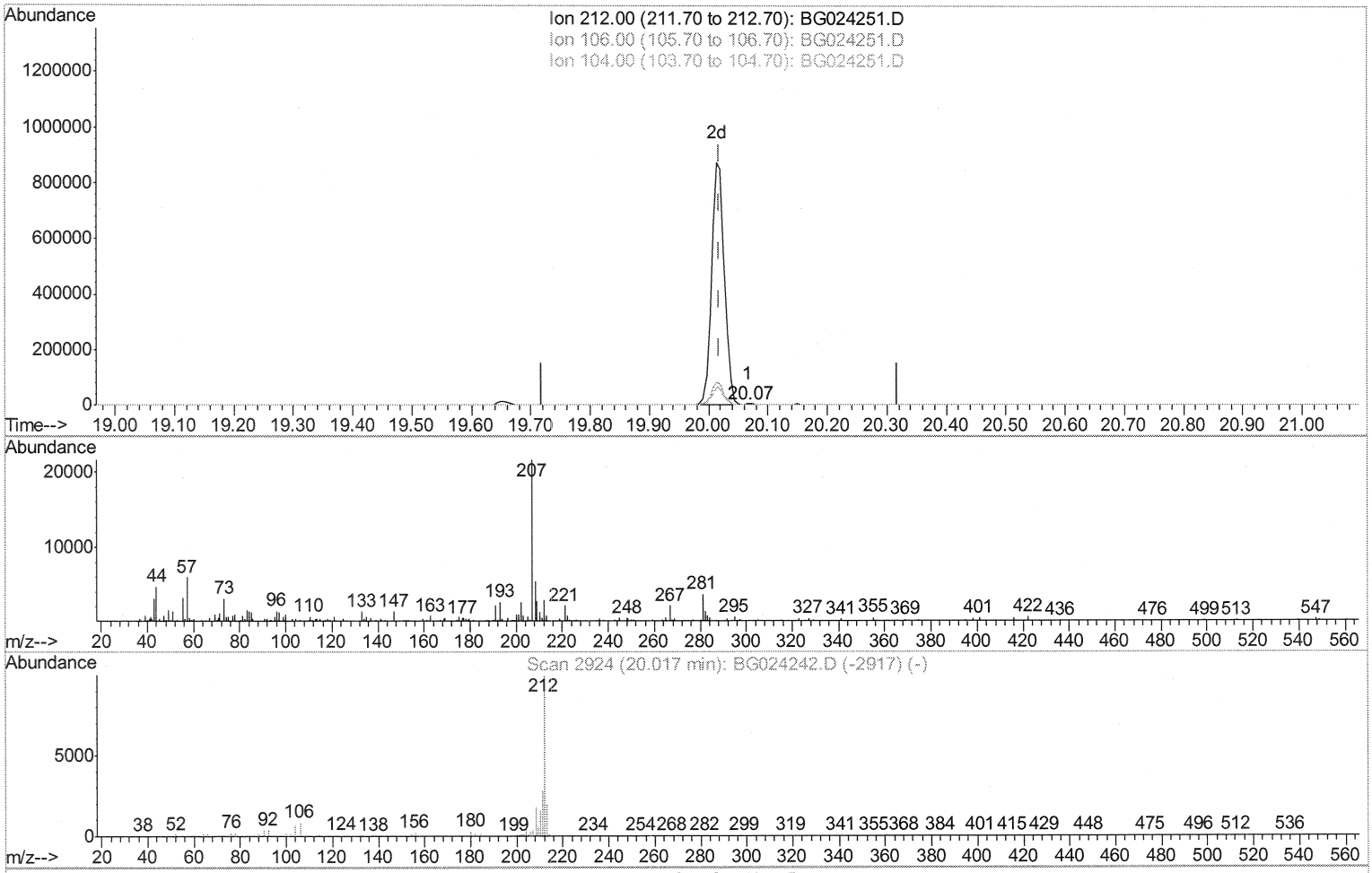
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

Instrument :
BNA_G
ClientSampleId :
BDNF5

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:14:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(76) Pyrene-d10 (S)

20.067min (+0.048) 0.03ng/ul

response 1689

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 18.40 | 10.58# |
| 104.00 | 11.70 | 17.84# |
| 0.00 | 0.00 | 0.00 |

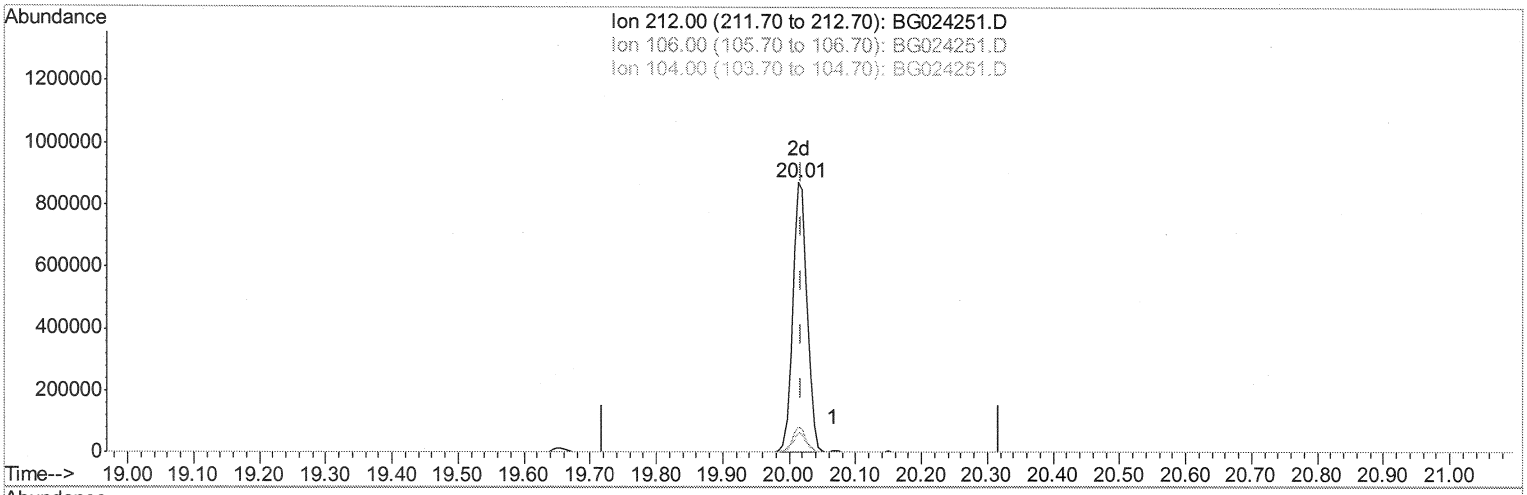
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

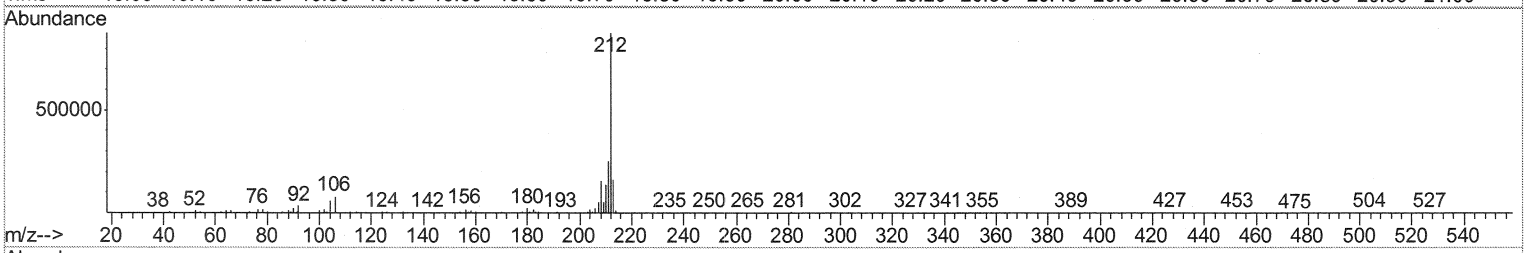
Instrument :
BNA_G
ClientSampleId :
BDNF5

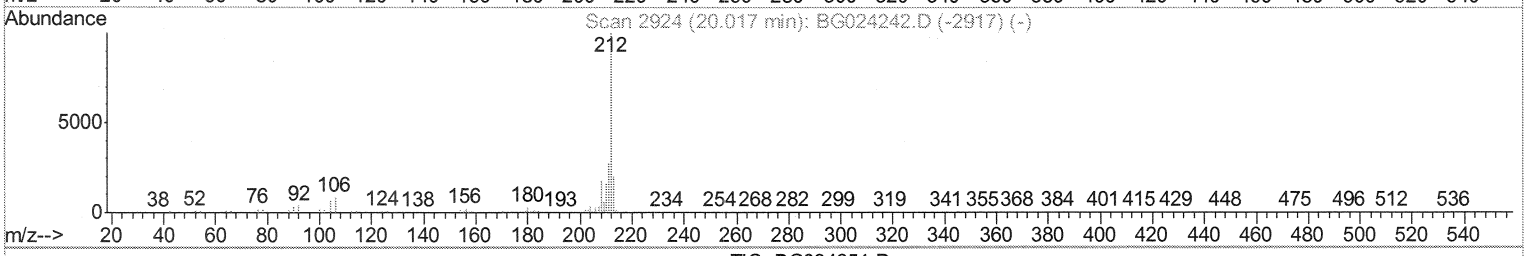
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:14:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(76) Pyrene-d10 (S)

20.014min (-0.004) 22.83ng/ul m

response 1316901

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 18.40 | 9.01# |
| 104.00 | 11.70 | 7.09# |
| 0.00 | 0.00 | 0.00 |

UM
10/12/16

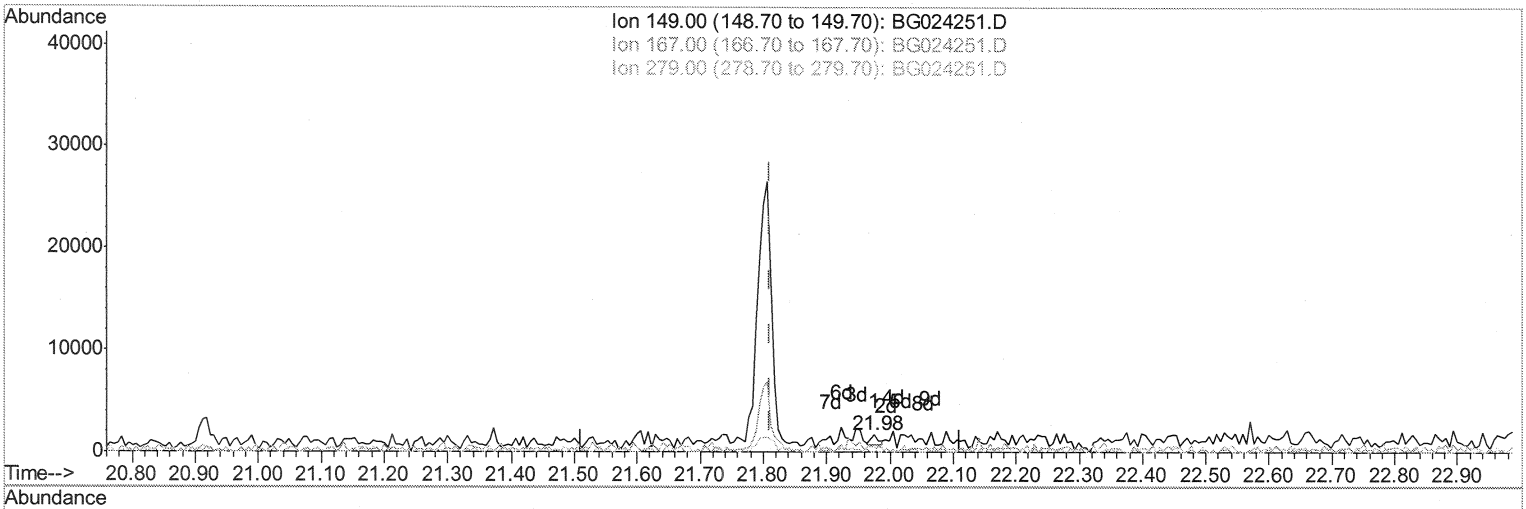
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

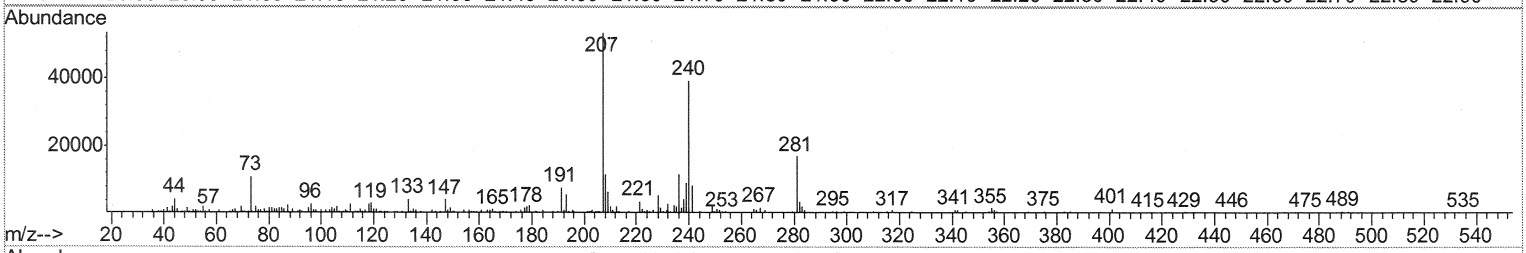
Instrument :
BNA_G
ClientSampleId :
BDNF5

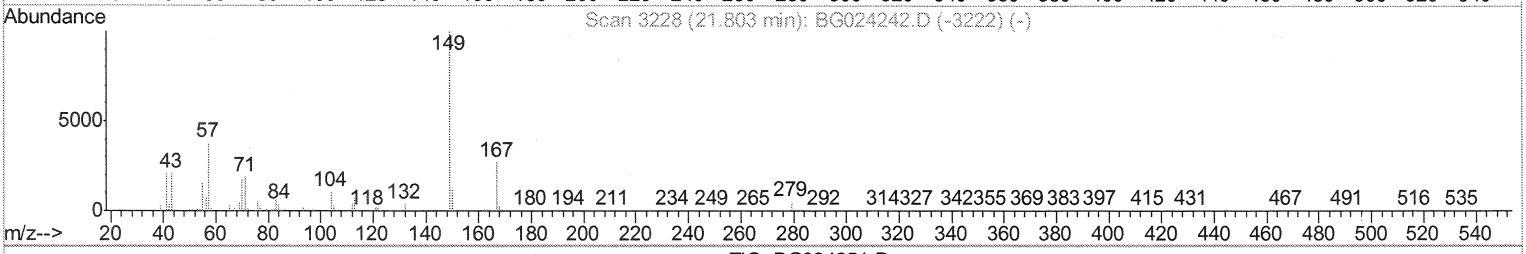
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:16:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(81) Bis(2-ethylhexyl)phthalate

21.976min (+0.166) 0.02ng/ul

response 836

| Ion | Exp% | Act% |
|---|---|---|
| 149.00 | 100 | 100 |
| 167.00 | 27.40 | 0.00# |
| 279.00 | 3.60 | 31.59# |
| 0.00 | 0.00 | 0.00 |

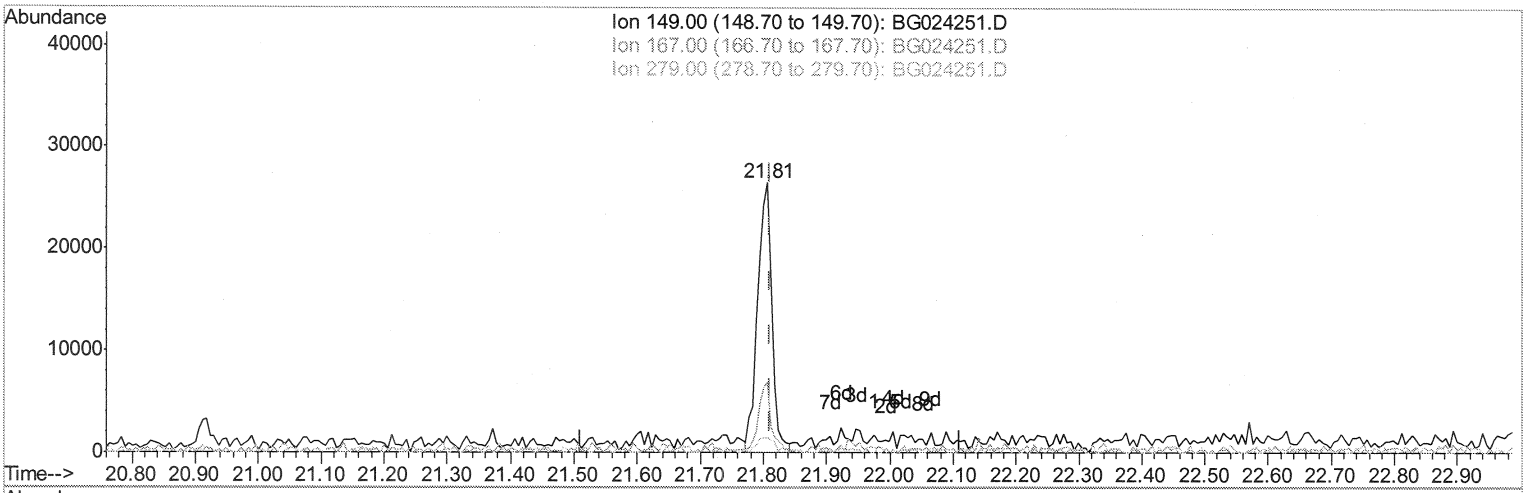
Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

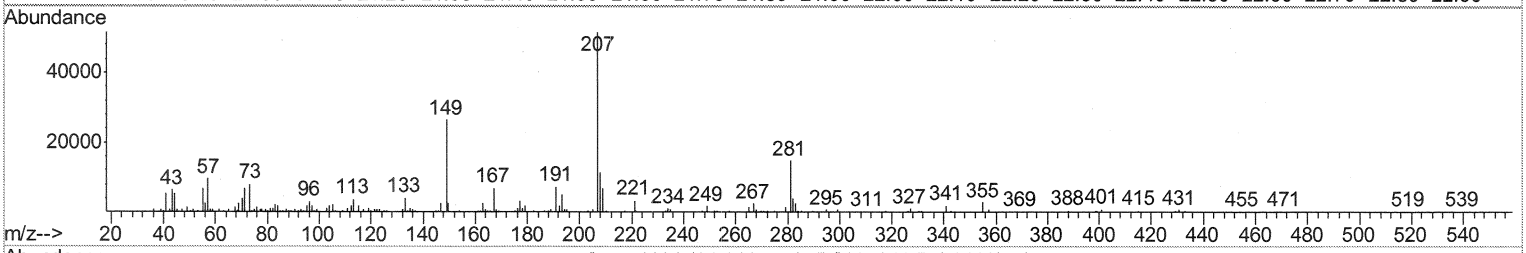
Instrument :
BNA_G
ClientSampleId :
BDNF5

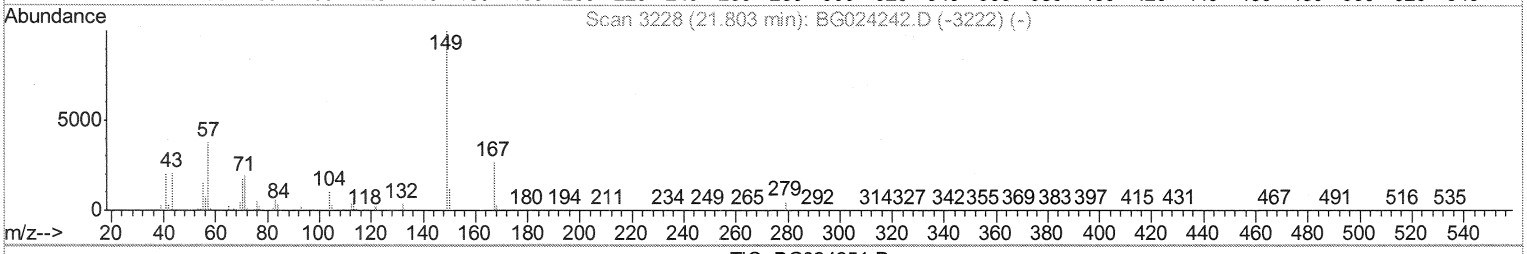
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:16:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration




TIC: BG024251.D

(81) Bis(2-ethylhexyl)phthalate

21.806min (-0.004) 1.13ng/ul m

response 42225

| Ion | Exp% | Act% |
|---|---|---|
| 149.00 | 100 | 100 |
| 167.00 | 27.40 | 26.15 |
| 279.00 | 3.60 | 5.64# |
| 0.00 | 0.00 | 0.00 |

Manual Integrations APPROVED
sohil
10/11/2016 7:06:01 PM

Instrument :
BNA_G
ClientSampleId :
BDNF5

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024251.D
Acq On : 10 Oct 2016 23:01
Operator : UM/SJ
Sample : H5098-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 11:17:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:18:36 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.29 | 152 | 164555 | 20.00 | ng/ul | -0.01 | |
| 18) Naphthalene-d8 | 11.12 | 136 | 709423 | 20.00 | ng/ul | 0.00 | |
| 35) Acenaphthene-d10 | 14.91 | 164 | 572857 | 20.00 | ng/ul | 0.00 | |
| 61) Phenanthrene-d10 | 17.65 | 188 | 1147919m | 20.00 | ng/ul | 0.00 | } um 10/12/16 |
| 75) Chrysene-d12 | 21.95 | 240 | 1235845m | 20.00 | ng/ul | -0.01 | |
| 83) Perylene-d12 | 25.40 | 264 | 1238755 | 20.00 | ng/ul | -0.01 | |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.66 | 96 | 11519 | 3.32 | ng/uL | 0.00 | |
| 5) Phenol-d5 | 7.42 | 99 | 275242 | 17.93 | ng/ul | 0.00 | |
| 7) Bis-(2-Chloroethyl)ether-d | 7.60 | 67 | 192297 | 18.53 | ng/ul | -0.01 | |
| 9) 2-Chlorophenol-d4 | 7.82 | 132 | 197212 | 18.65 | ng/ul | 0.00 | |
| 13) 4-Methylphenol-d8 | 8.98 | 113 | 206292 | 16.62 | ng/ul | -0.01 | |
| 19) Nitrobenzene-d5 | 9.47 | 128 | 100525 | 19.97 | ng/ul | -0.01 | |
| 22) 2-Nitrophenol-d4 | 10.20 | 143 | 119533 | 21.22 | ng/ul | 0.00 | |
| 26) 2,4-Dichlorophenol-d3 | 10.72 | 165 | 234057 | 19.08 | ng/ul | 0.00 | |
| 29) 4-Chloroaniline-d4 | 11.25 | 131 | 271406 | 21.06 | ng/ul | -0.01 | |
| 43) Dimethylphthalate-d6 | 14.30 | 166 | 813793 | 20.35 | ng/ul | 0.00 | |
| 46) Acenaphthylene-d8 | 14.61 | 160 | 961566 | 20.99 | ng/ul | 0.00 | |
| 51) 4-Nitrophenol-d4 | 15.07 | 143 | 120649 | 17.01 | ng/ul | 0.00 | |
| 57) Fluorene-d10 | 15.90 | 176 | 813833 | 21.52 | ng/ul | 0.00 | |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 130725m | 18.95 | ng/ul | 0.00 | |
| 70) Anthracene-d10 | 17.75 | 188 | 1158232m | 22.34 | ng/ul | -0.01 | } um 10/12/16 |
| 76) Pyrene-d10 | 20.01 | 212 | 1316901m | 22.83 | ng/ul | 0.00 | |
| 87) Benzo(a)pyrene-d12 | 25.17 | 264 | 1294165 | 23.22 | ng/ul | 0.00 | |
| **Target Compounds** | | | | | | Qvalue | |
| 44) Dimethylphthalate | 14.35 | 163 | 579104 | 14.77 | ng/ul | 99 | |
| 81) Bis(2-ethylhexyl)phthalate | 21.81 | 149 | 42225m | 1.13 | ng/ul | | um 10/12/16 |

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

Manual Integrations APPROVED
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Instrument :
BNA_G
ClientSampleId :
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