

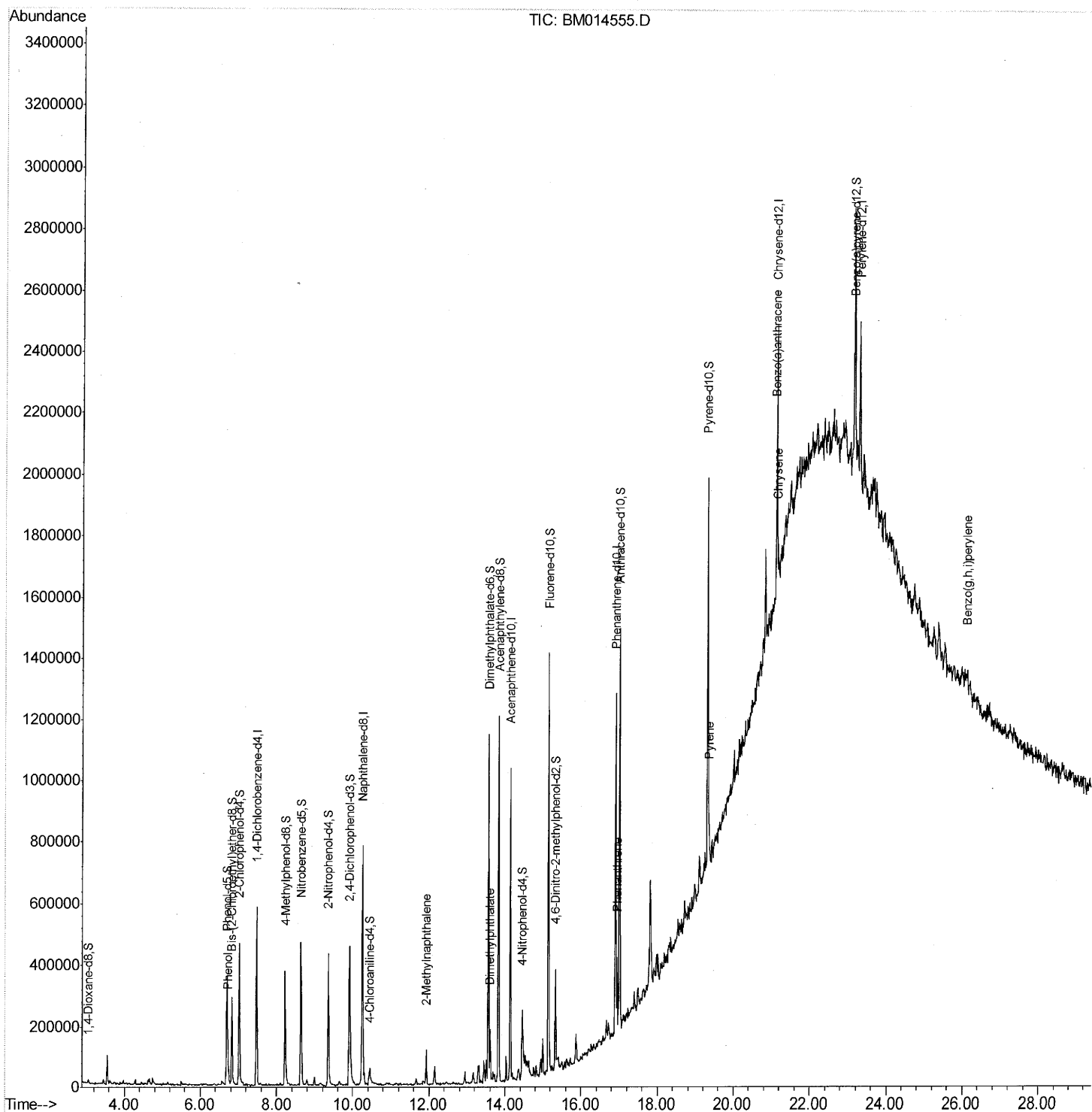
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
Data File : BM014555.D  
Acq On : 13 Mar 2018 22:28  
Operator : SJ/JU  
Sample : J1835-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6F13

Manual Integrations  
APPROVED

Sohil  
3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:55:12 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 14 02:08:18 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

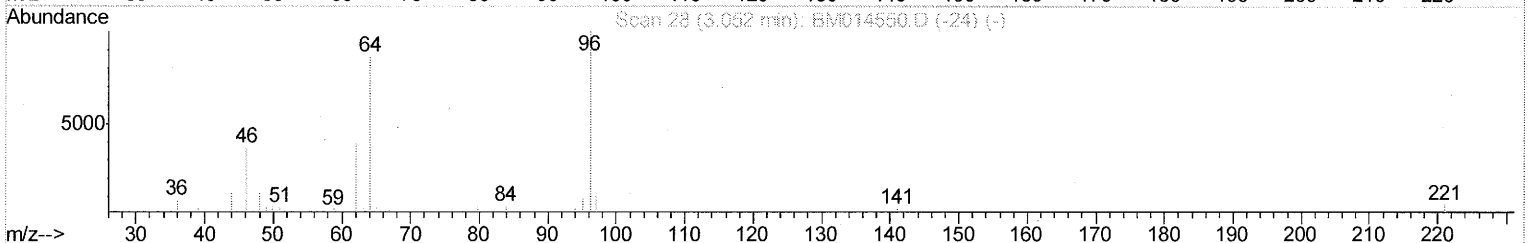
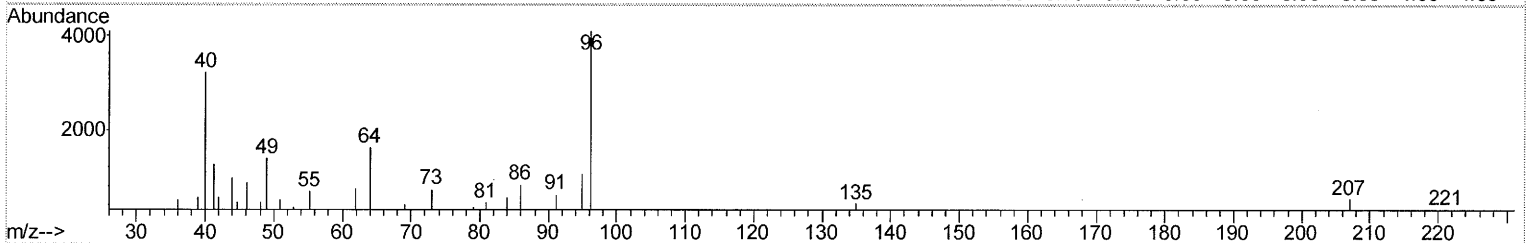
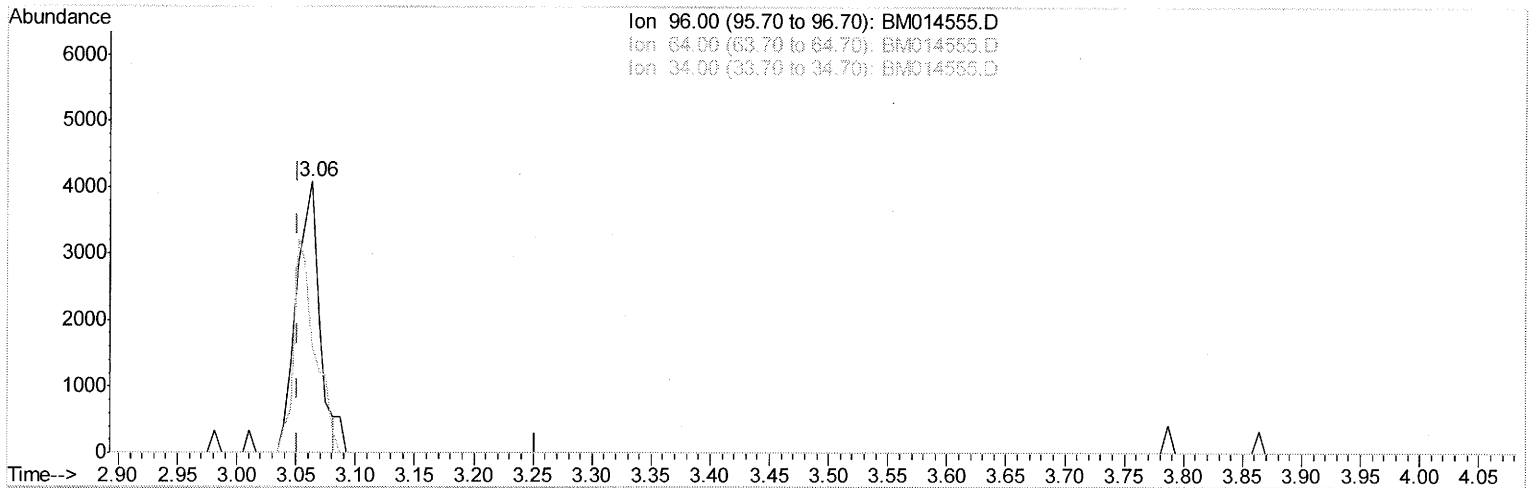
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014555.D  
 Acq On : 13 Mar 2018 22:28  
 Operator : SJ/JU  
 Sample : J1835-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F13

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:09:56 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 02:08:18 2018  
 Response via : Initial Calibration



TIC: BM014555.D

(3) 1,4-Dioxane-d8 (S)

3.063min (+0.012) 1.82ng/uL

response 5432

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 74.47 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

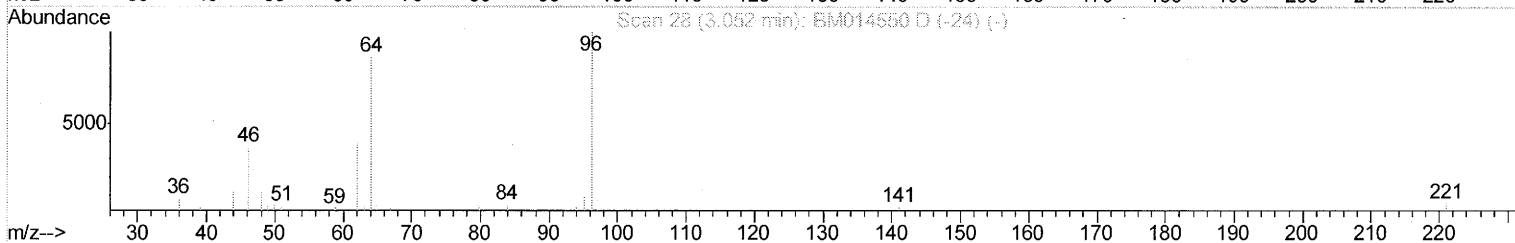
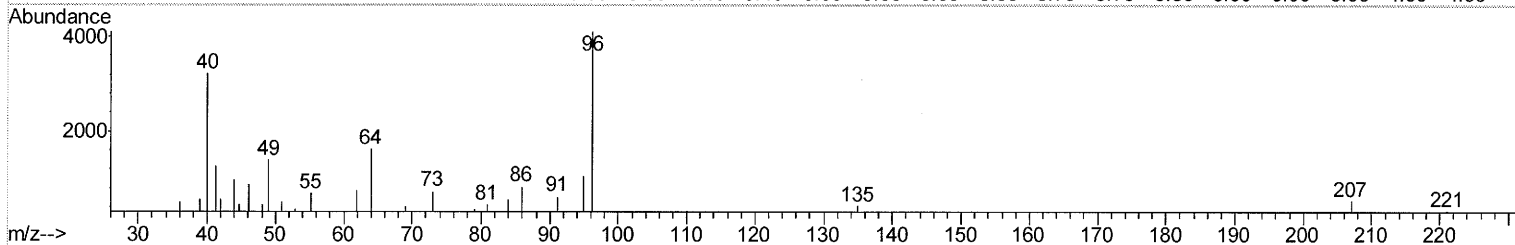
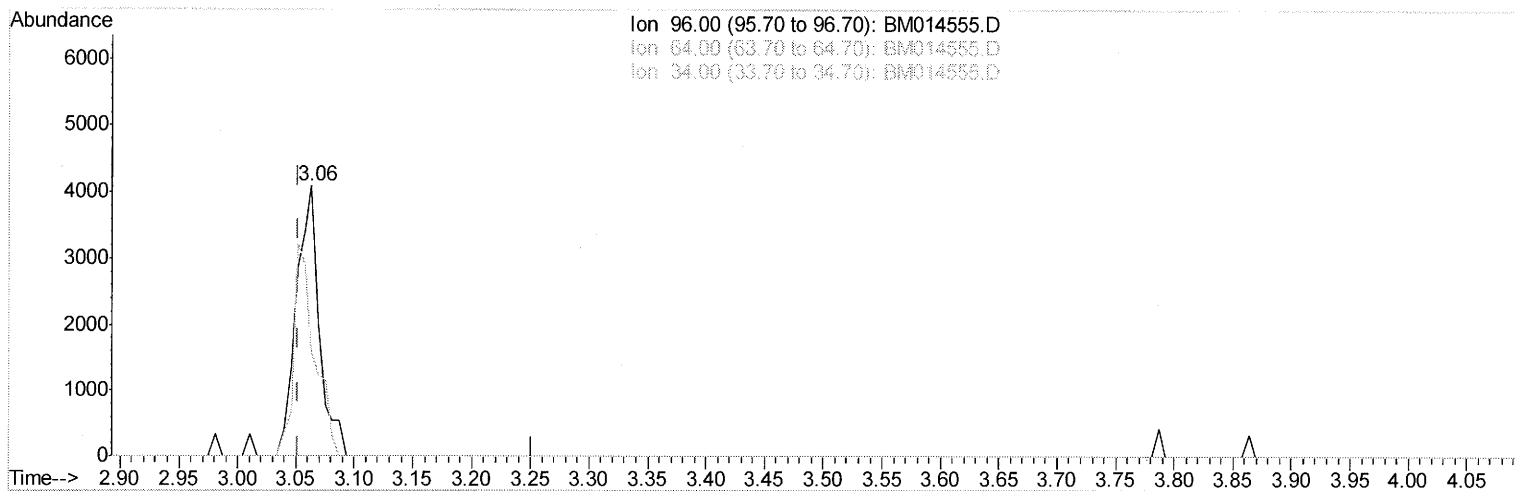
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
Data File : BM014555.D  
Acq On : 13 Mar 2018 22:28  
Operator : SJ/JU  
Sample : J1835-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6F13

Manual Integrations  
APPROVED

Sohil  
3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:09:56 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 14 02:08:18 2018  
Response via : Initial Calibration



TIC: BM014555.D

(3) 1,4-Dioxane-d8 (S)

3.063min (+0.012) 1.88ng/uL m

SJ 3/14/18

response 5623

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 71.94 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

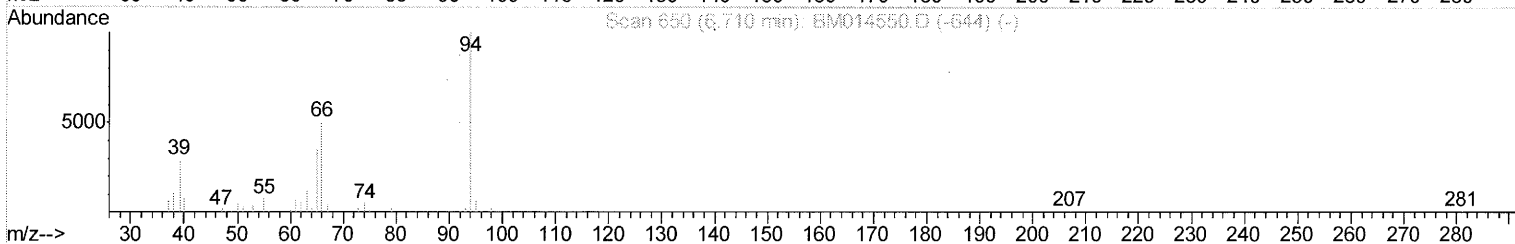
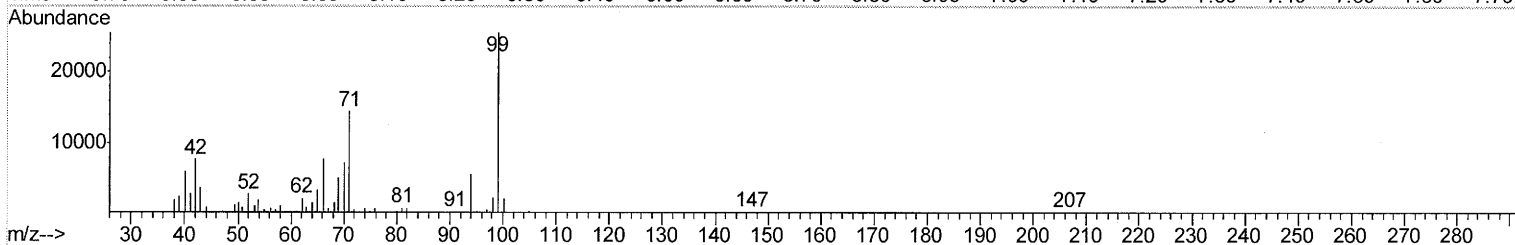
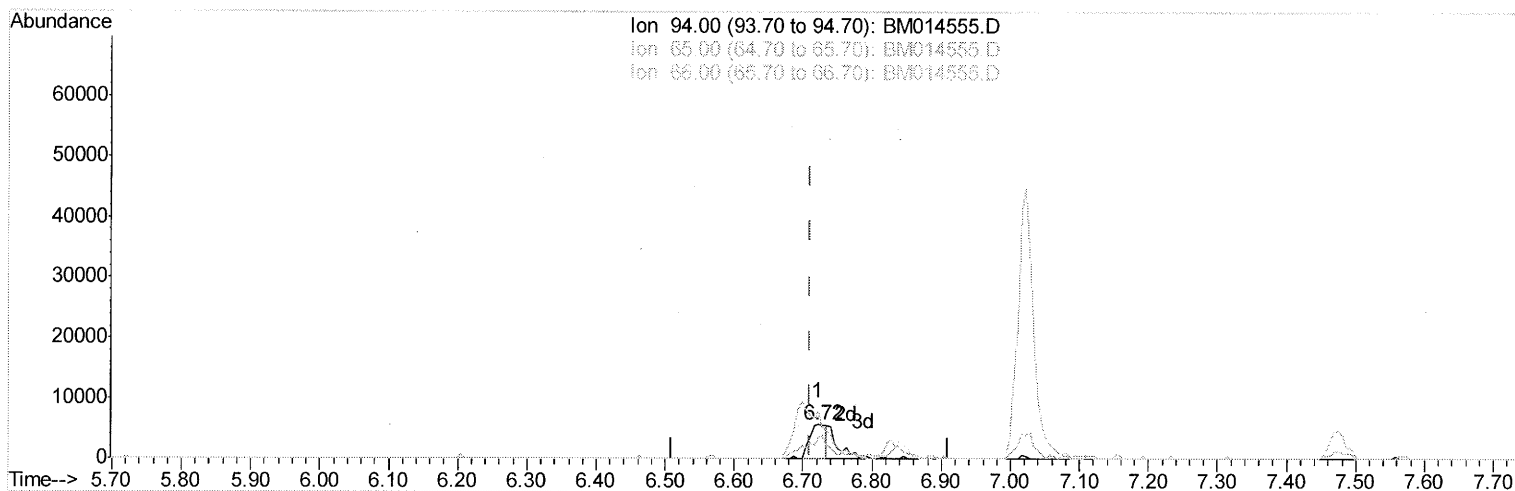
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
Data File : BM014555.D  
Acq On : 13 Mar 2018 22:28  
Operator : SJ/JU  
Sample : J1835-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6F13

Manual Integrations  
APPROVED

Sohil  
3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:51:56 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 14 02:08:18 2018  
Response via : Initial Calibration



TIC: BM014555.D

(6) Phenol

6.722min (+0.012) 0.87ng/ul

response 9834

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 94.00 | 100   | 100     |
| 65.00 | 35.30 | 59.37#  |
| 66.00 | 59.00 | 137.46# |
| 0.00  | 0.00  | 0.00    |

# Quantitation Report (Qedit)

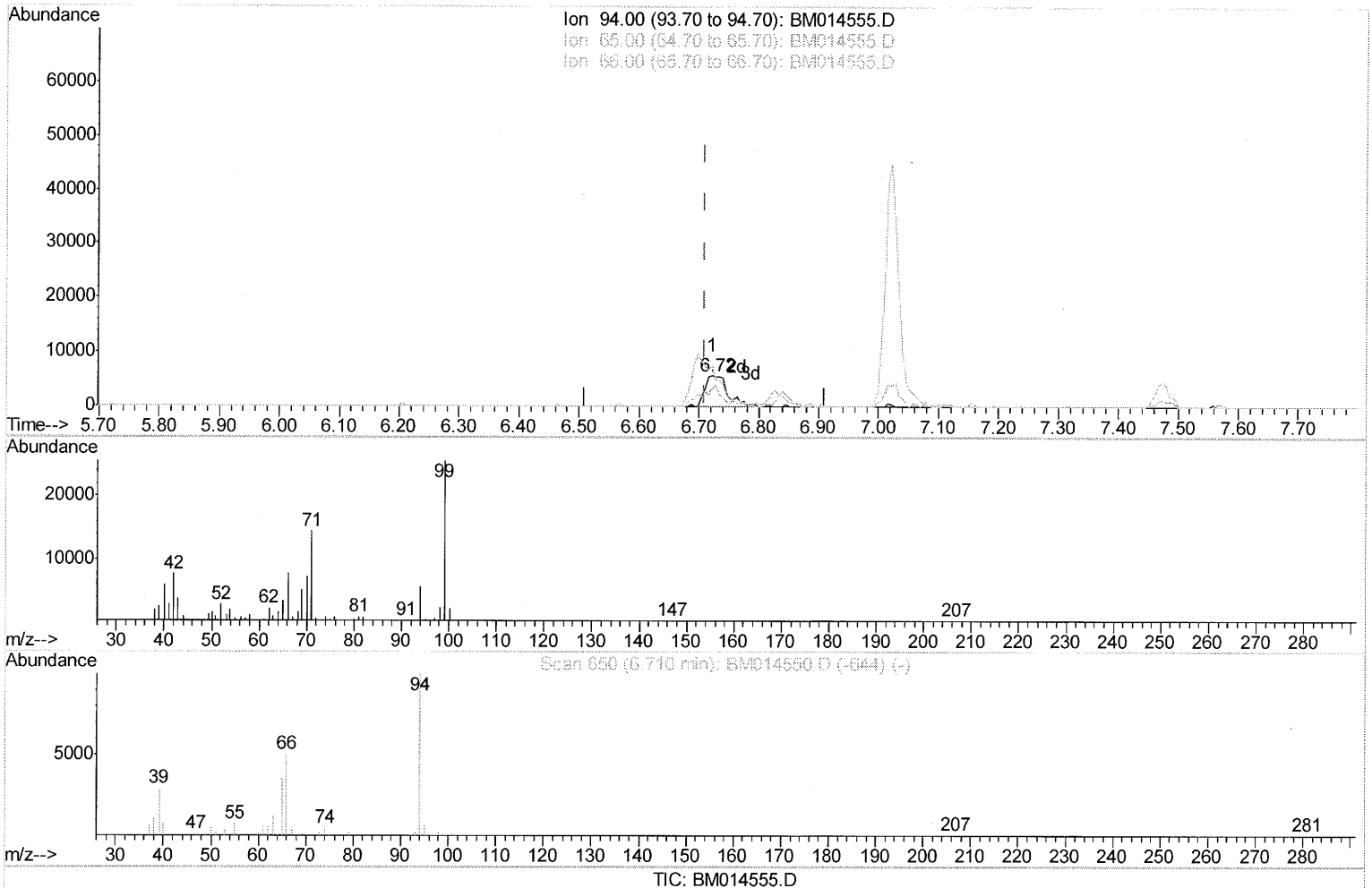
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014555.D  
 Acq On : 13 Mar 2018 22:28  
 Operator : SJ/JU  
 Sample : J1835-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F13

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:51:56 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 02:08:18 2018  
 Response via : Initial Calibration



(6) Phenol

6.722min (+0.012) 1.34ng/ul m SJ 3/14/18

response 15162

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 94.00 | 100   | 100     |
| 65.00 | 35.30 | 59.37#  |
| 66.00 | 59.00 | 137.46# |
| 0.00  | 0.00  | 0.00    |

## Quantitation Report (Qedit)

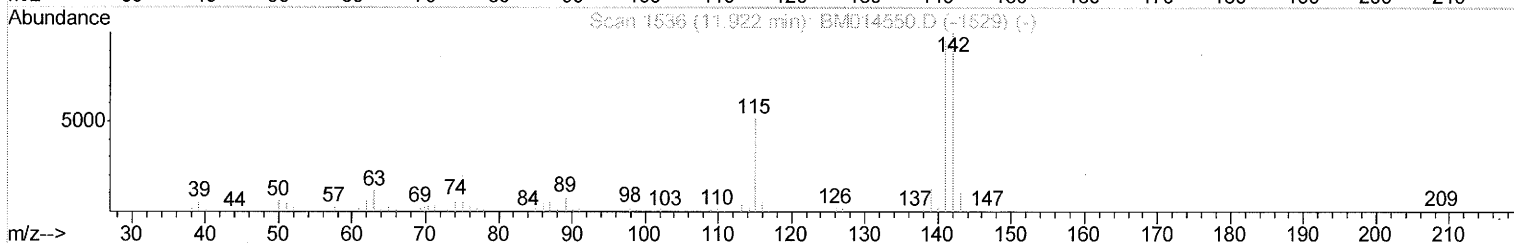
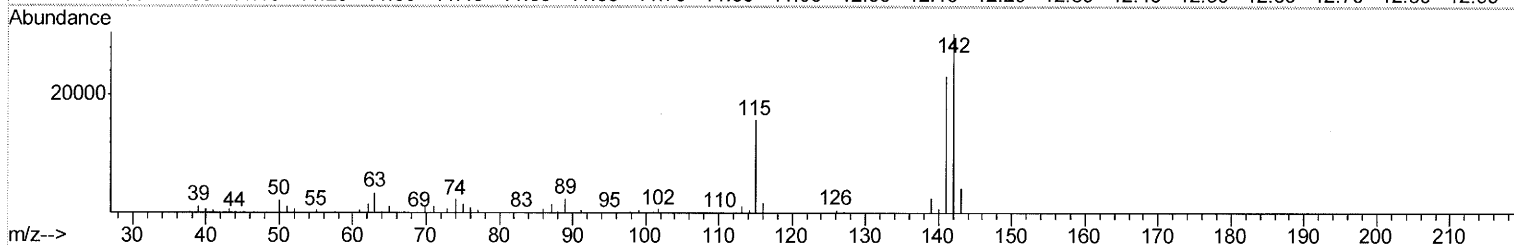
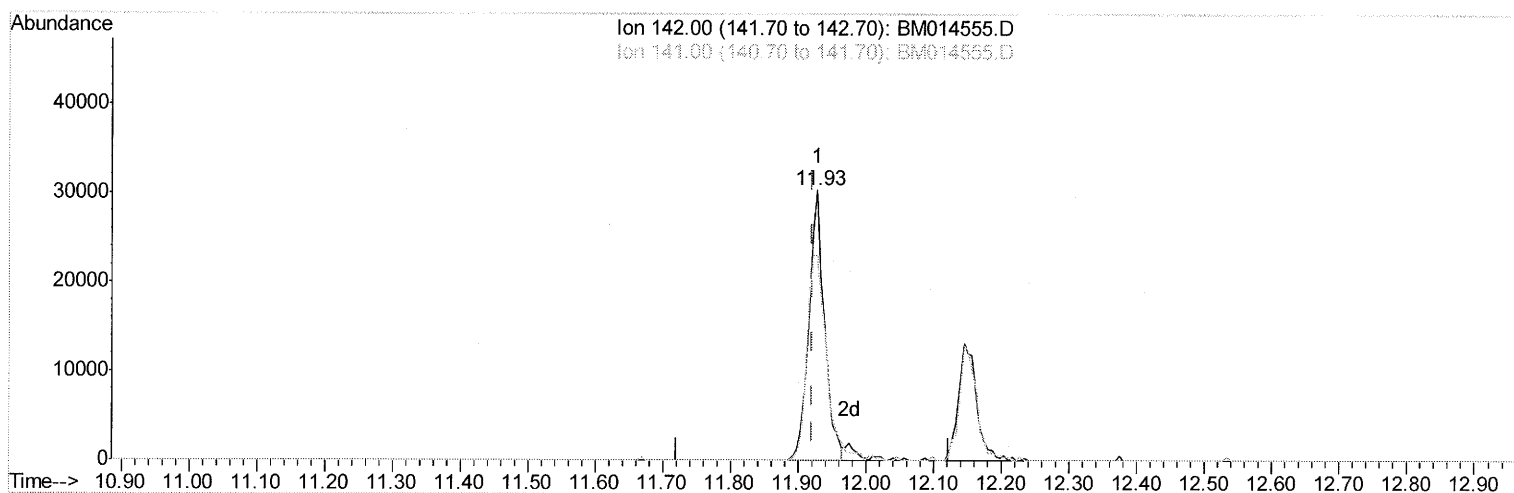
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
Data File : BM014555.D  
Acq On : 13 Mar 2018 22:28  
Operator : SJ/JU  
Sample : J1835-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6F13

Manual Integrations  
APPROVED

Sohil  
3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:51:56 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 14 02:08:18 2018  
Response via : Initial Calibration



TIC: BM014555.D

(34) 2-Methylnaphthalene

11.928min (+0.006) 2.32ng/ul

response 48417

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 142.00 | 100   | 100   |
| 141.00 | 92.60 | 76.03 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

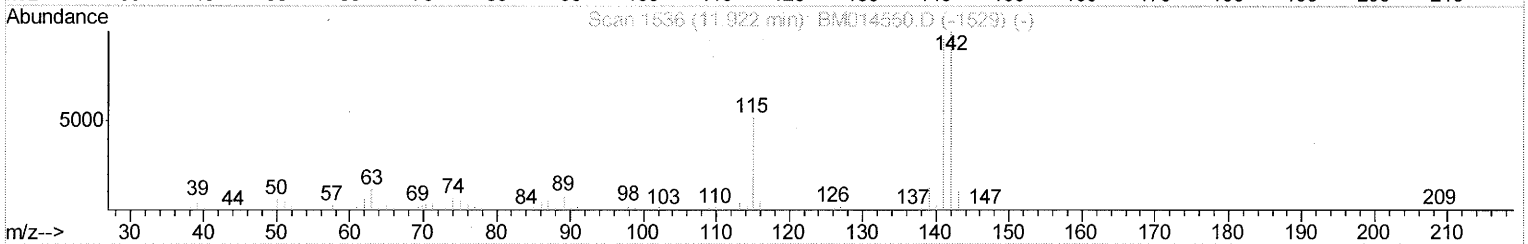
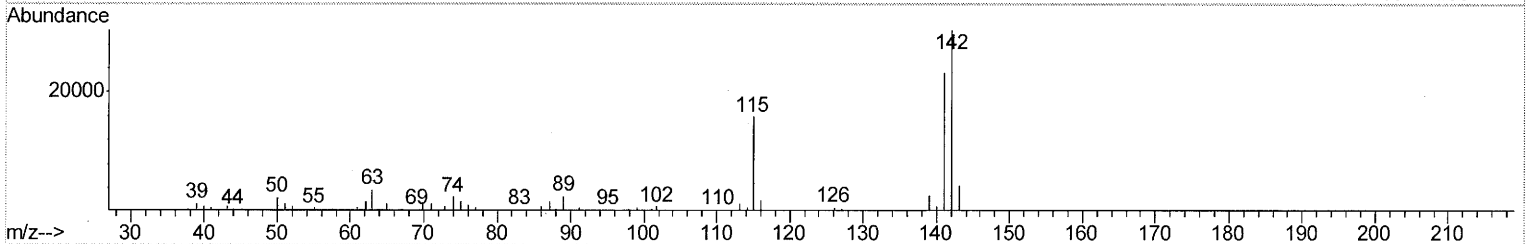
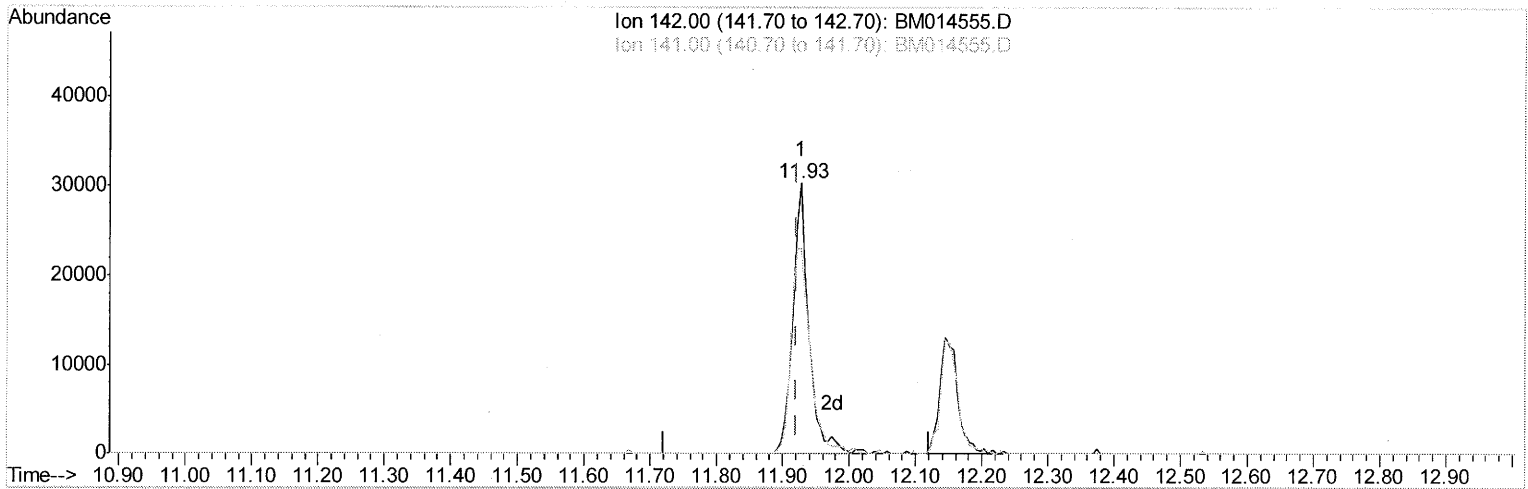
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
Data File : BM014555.D  
Acq On : 13 Mar 2018 22:28  
Operator : SJ/JU  
Sample : J1835-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6F13

Manual Integrations  
APPROVED

Sohil  
3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:51:56 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 14 02:08:18 2018  
Response via : Initial Calibration



TIC: BM014555.D

(34) 2-Methylnaphthalene

11.928min (+0.006) 2.42ng/ul m

SJ 3/14/18

response 50641

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 142.00 | 100   | 100   |
| 141.00 | 92.60 | 76.03 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

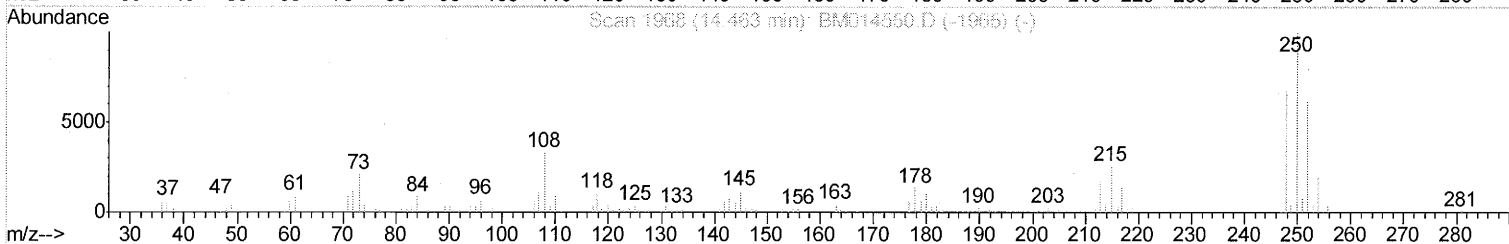
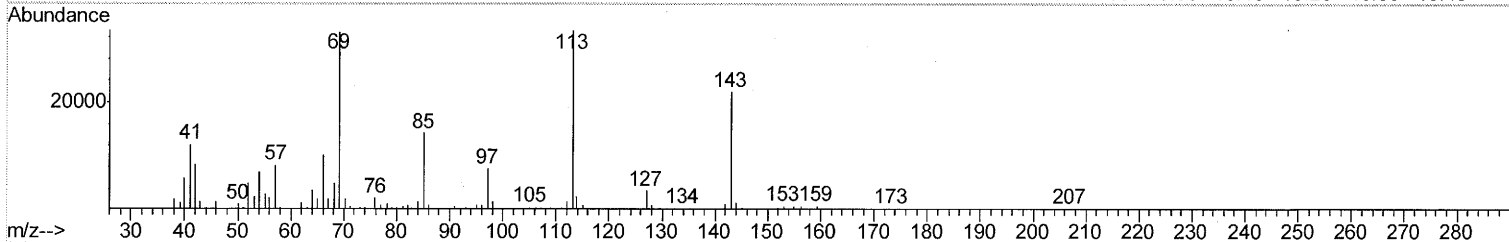
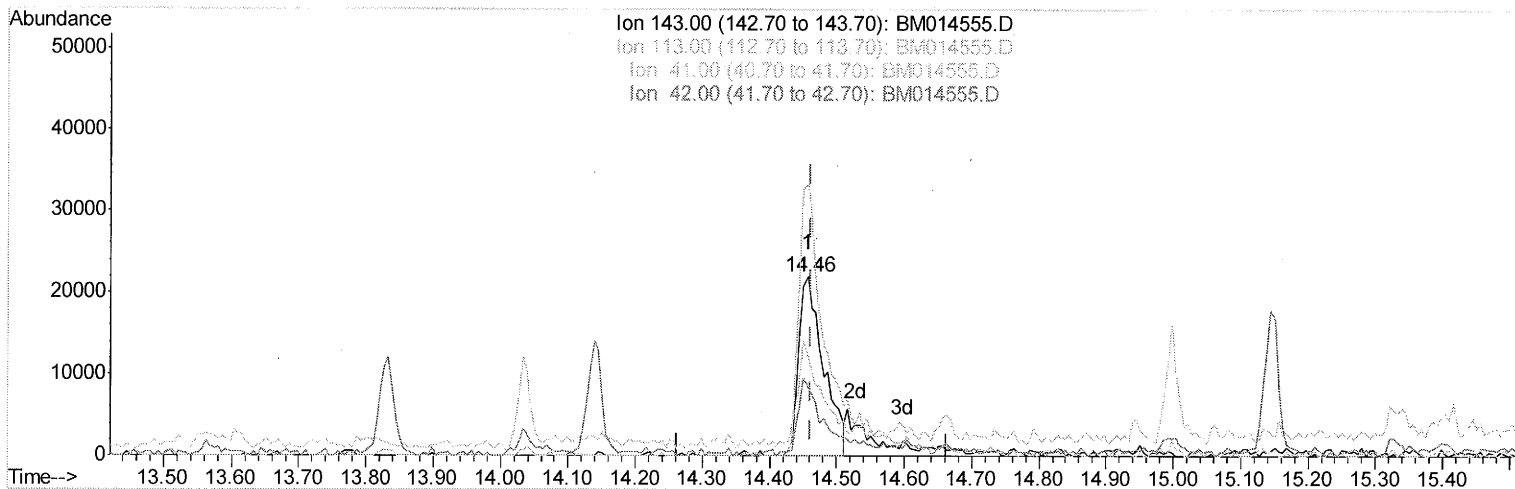
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014555.D  
 Acq On : 13 Mar 2018 22:28  
 Operator : SJ/JU  
 Sample : J1835-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F13

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:51:56 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 02:08:18 2018  
 Response via : Initial Calibration



TIC: BM014555.D

(51) 4-Nitrophenol-d4 (S)

14.457min (-0.006) 17.16ng/ul

response 56291

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 114.60 | 151.73# |
| 41.00  | 34.80  | 55.40#  |
| 42.00  | 20.50  | 38.62#  |

# Quantitation Report (Qedit)

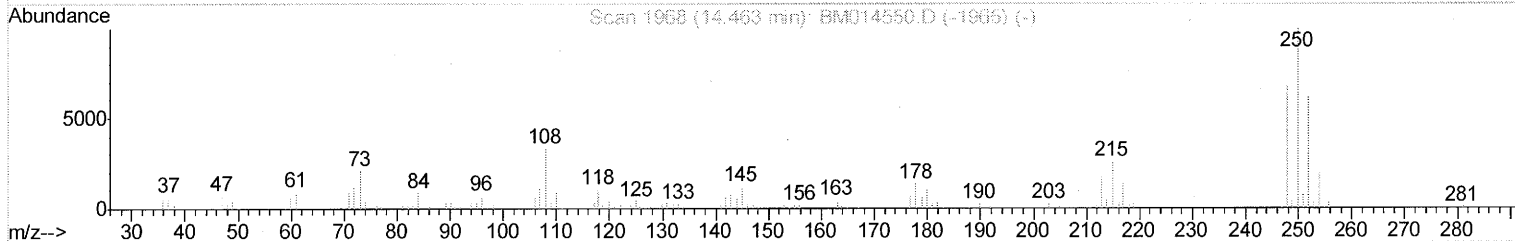
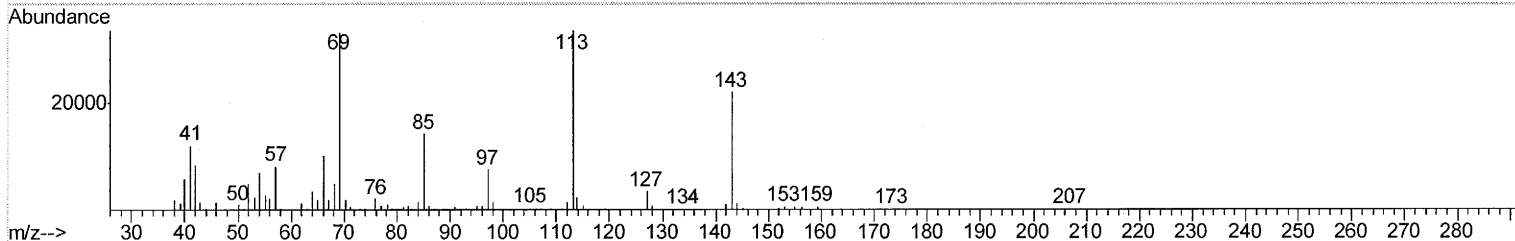
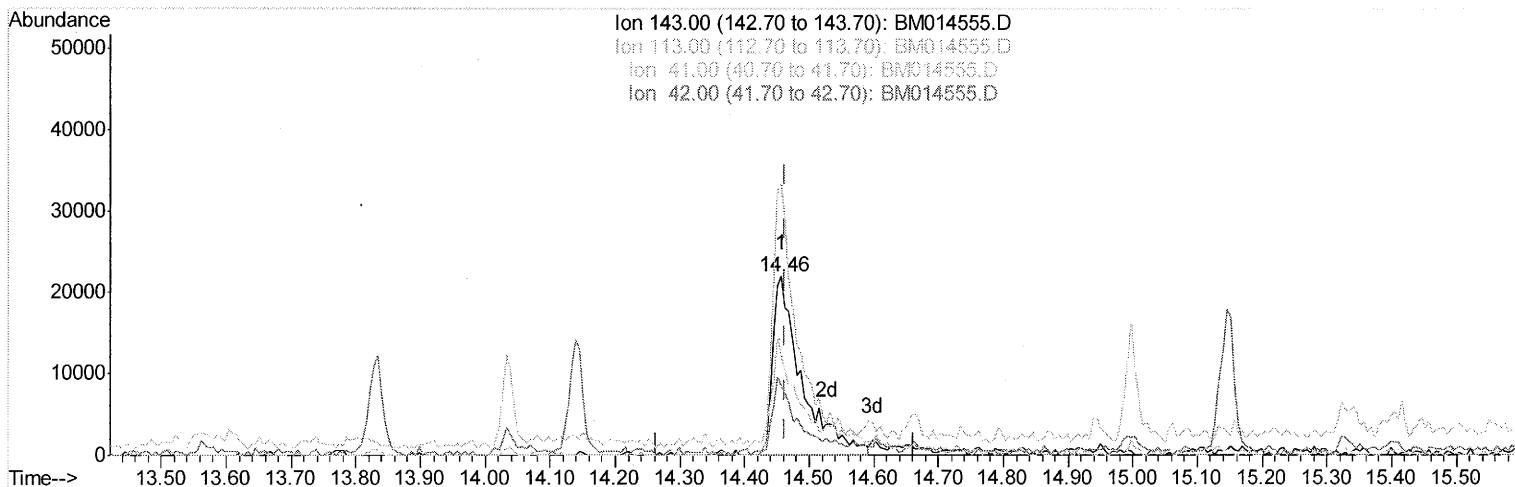
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014555.D  
 Acq On : 13 Mar 2018 22:28  
 Operator : SJ/JU  
 Sample : J1835-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F13

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:51:56 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 02:08:18 2018  
 Response via : Initial Calibration



TIC: BM014555.D

(51) 4-Nitrophenol-d4 (S)

14.457min (-0.006) 20.78ng/ul m

*SJ 3/14/18*

response 68174

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 114.60 | 151.73# |
| 41.00  | 34.80  | 55.40#  |
| 42.00  | 20.50  | 38.62#  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014555.D  
 Acq On : 13 Mar 2018 22:28  
 Operator : SJ/JU  
 Sample : J1835-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F13

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:55:12 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 02:08:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 127953   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 534287   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.14 | 164  | 287770   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.91 | 188  | 545087   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.13 | 240  | 344626   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.31 | 264  | 326057   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 5623m  | 1.88  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.70  | 99  | 207613 | 19.20 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 118772 | 18.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 167435 | 20.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.22  | 113 | 139727 | 14.77 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.64  | 128 | 86839  | 21.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 101606 | 24.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.91  | 165 | 186296 | 22.01 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.44 | 131 | 39998  | 4.80  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.56 | 166 | 623153 | 26.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.83 | 160 | 725621 | 24.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 68174m | 20.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.14 | 176 | 488596 | 22.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 54608  | 16.70 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.01 | 188 | 645685 | 24.55 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.32 | 212 | 547553 | 30.80 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.17 | 264 | 403372 | 25.42 | ng/ul | 0.02 |

SJ 3/14/18

SJ 3/14/18

## Target Compounds

|                          |       |     |        |       | Ovalue |    |
|--------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                | 6.72  | 94  | 15162m | 1.336 | ng/ul  |    |
| 34) 2-Methylnaphthalene  | 11.93 | 142 | 50641m | 2.425 | ng/ul  |    |
| 44) Dimethylphthalate    | 13.62 | 163 | 87401  | 3.730 | ng/ul# | 95 |
| 69) Phenanthrene         | 16.95 | 178 | 126486 | 4.027 | ng/ul# | 95 |
| 77) Pvrene               | 19.35 | 202 | 88408  | 3.860 | ng/ul# | 85 |
| 80) Benzo(a)anthracene   | 21.12 | 228 | 28996  | 1.348 | ng/ul# | 77 |
| 82) Chrysene             | 21.17 | 228 | 47253  | 2.355 | ng/ul# | 85 |
| 91) Benzo(a,h,i)perylene | 26.14 | 276 | 29527  | 1.925 | ng/ul# | 81 |

> SJ 3/14/18

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