

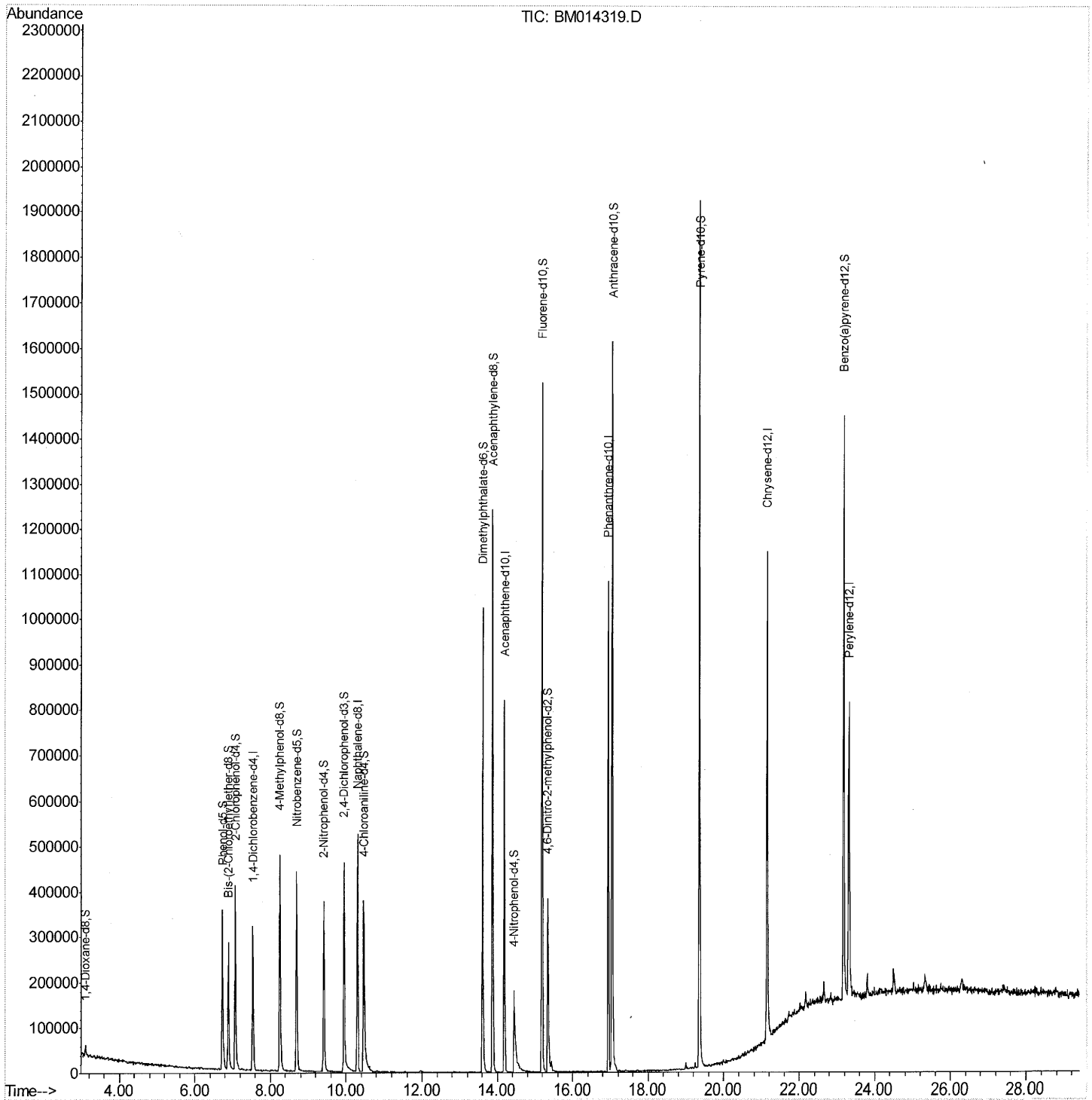
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\  
Data File : BM014319.D  
Acq On : 21 Feb 2018 10:09  
Operator : SJ/JU  
Sample : PB106684BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
SBLK84

Manual Integrations  
APPROVED

Sohil  
2/22/2018 11:55:56 AM

Quant Time: Feb 22 03:45:48 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Feb 22 03:35:18 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

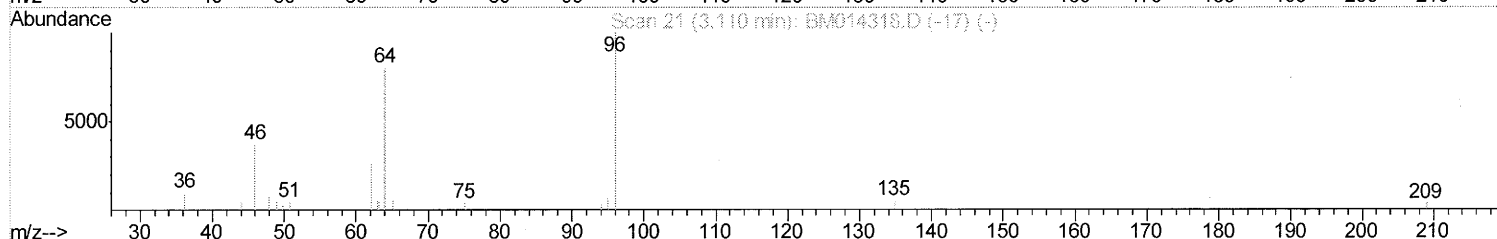
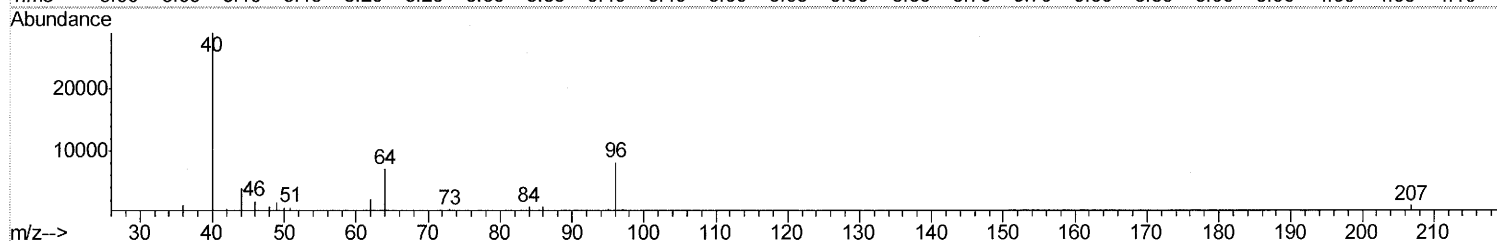
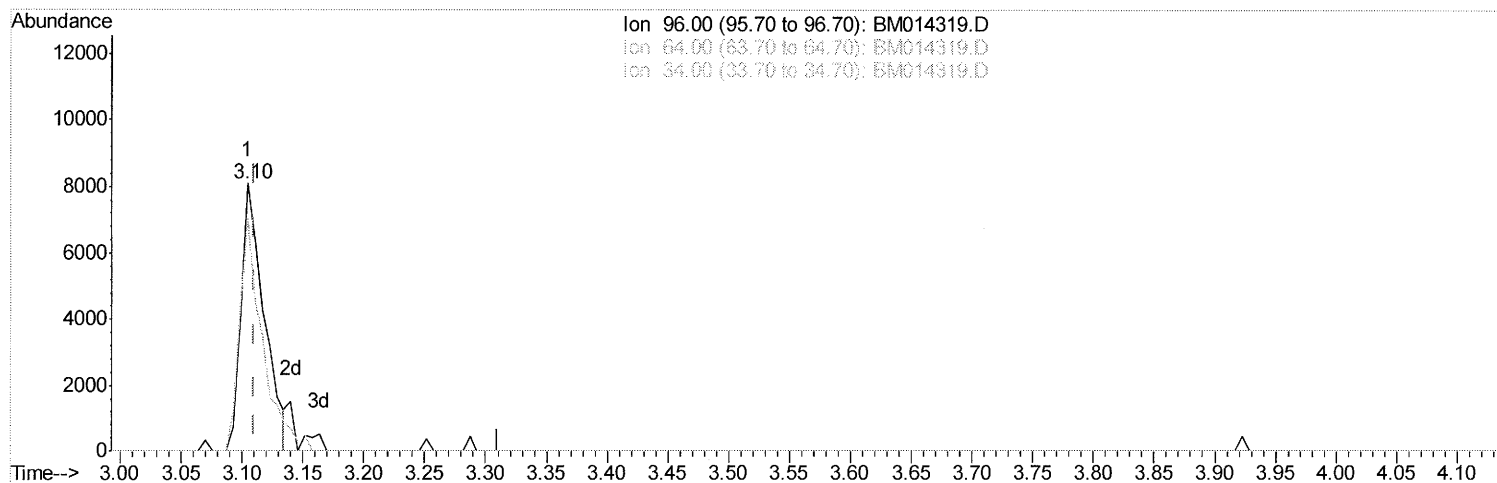
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Manual Integrations  
APPROVED

Sohil  
2/22/2018 11:55:56 AM

Quant Time: Feb 22 03:38:53 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Feb 22 03:35:18 2018  
Response via : Initial Calibration



TIC: BM014319.D

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

3.105min (-0.005) 5.95ng/uL

response 10526

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 88.24 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

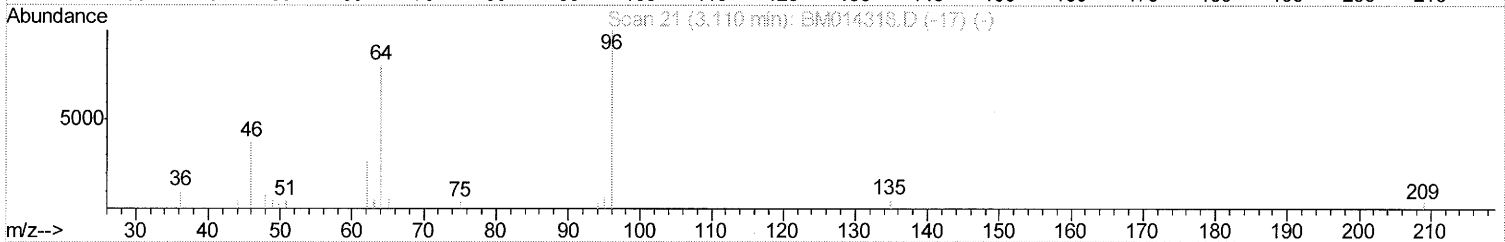
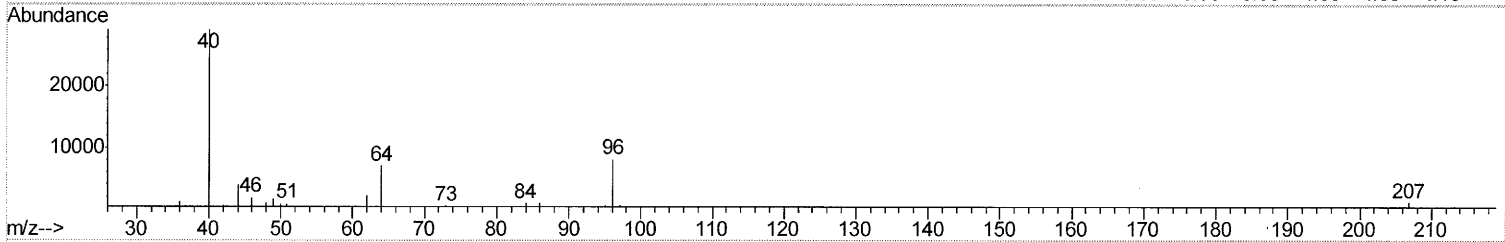
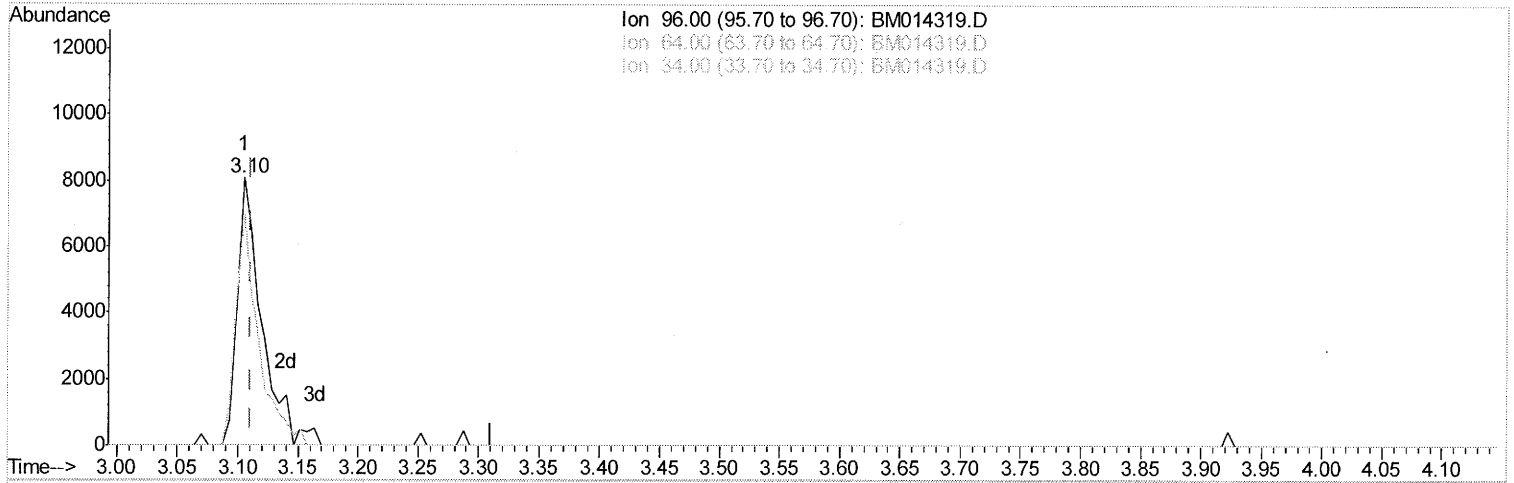
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\  
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 Acq On : 21 Feb 2018 10:09  
 Operator : SJ/JU  
 Sample : PB106684BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK84

Manual Integrations  
 APPROVED

Sohil  
 2/22/2018 11:55:56 AM

Quant Time: Feb 22 03:38:53 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 22 03:35:18 2018  
 Response via : Initial Calibration



TIC: BM014319.D

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

3.105min (-0.005) 6.25ng/uL m

response 11055

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 84.02 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

*Handwritten signature: SJ of 2/21/18*

## Quantitation Report (Qedit)

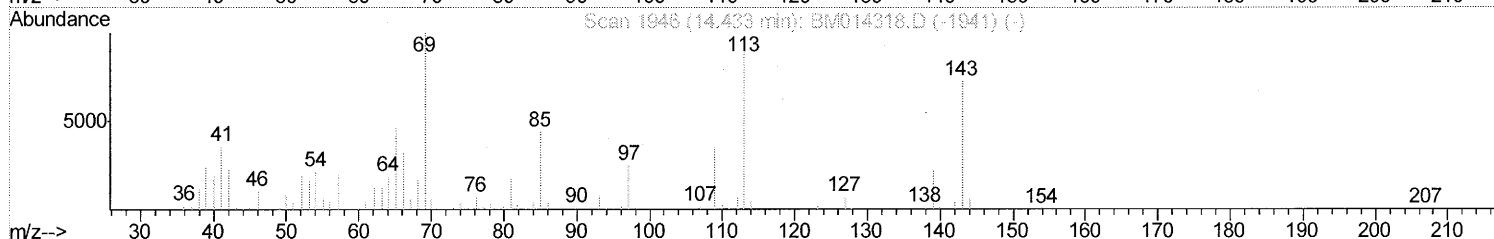
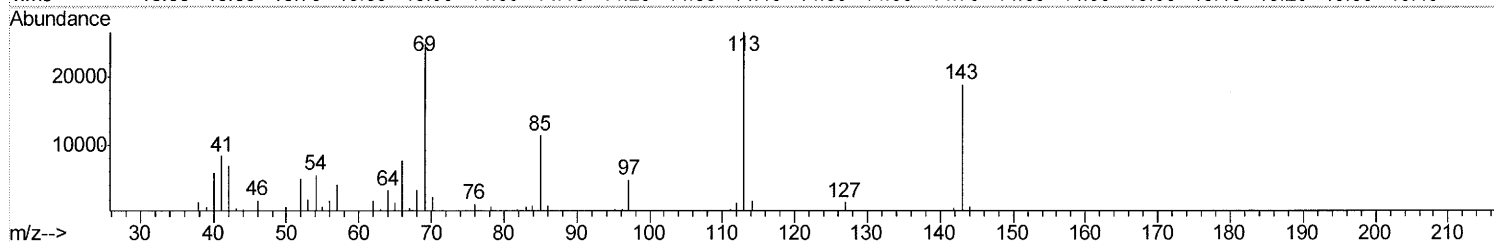
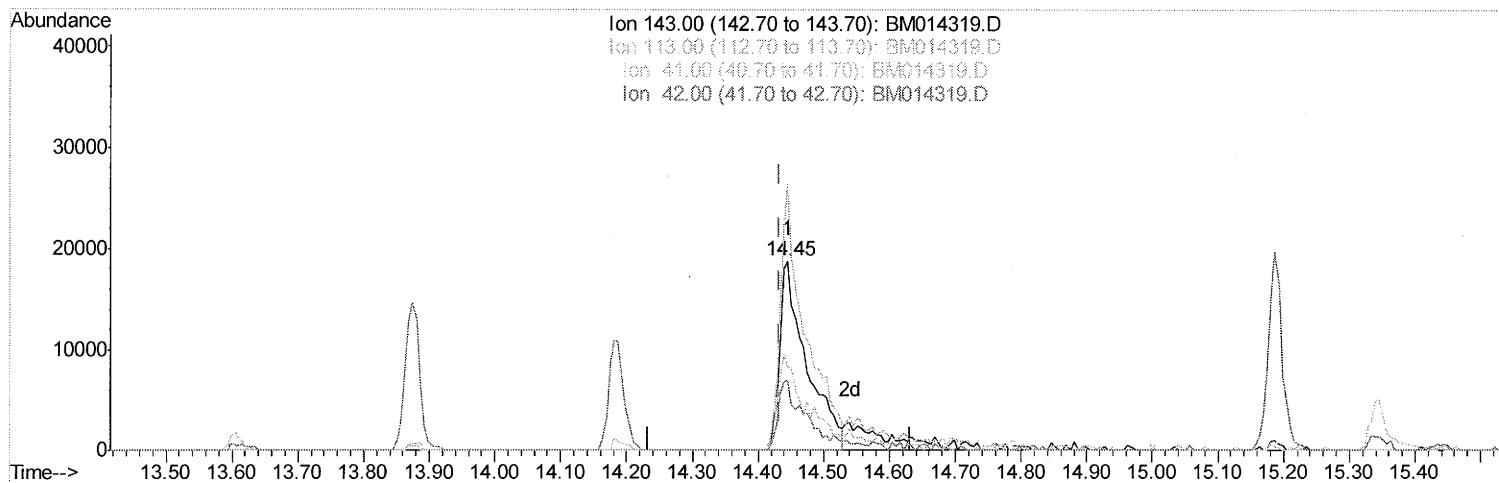
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\  
Data File : BM014319.D  
Acq On : 21 Feb 2018 10:09  
Operator : SJ/JU  
Sample : PB106684BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK84

Manual Integrations  
APPROVED

Sohil  
2/22/2018 11:55:56 AM

Quant Time: Feb 22 03:45:00 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Feb 22 03:35:18 2018  
Response via : Initial Calibration



TIC: BM014319.D

(51) 4-Nitrophenol-d4 (S)

14.445min (+0.012) 20.19ng/ul

response 53684

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 114.60 | 140.67# |
| 41.00  | 34.80  | 44.32#  |
| 42.00  | 20.50  | 36.94#  |

# Quantitation Report (Qedit)

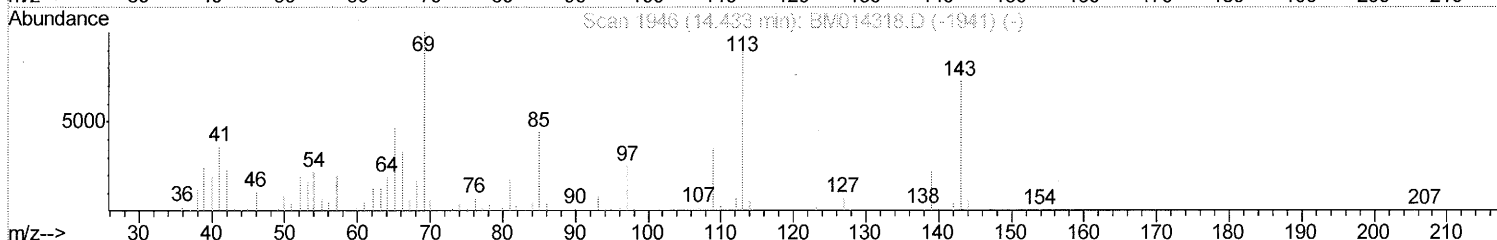
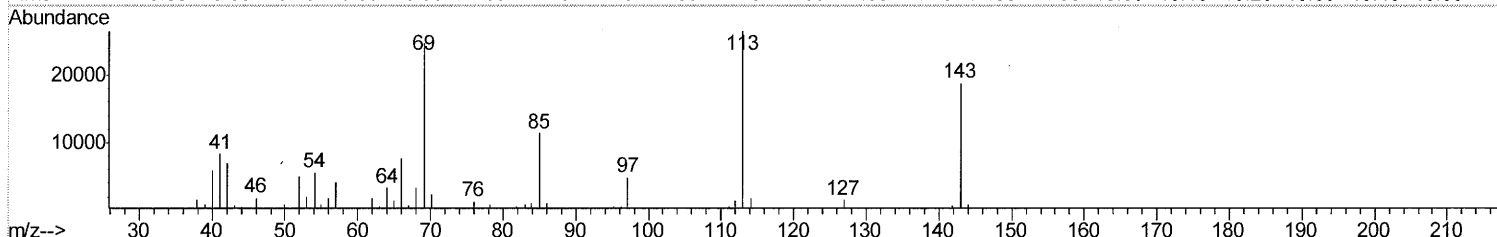
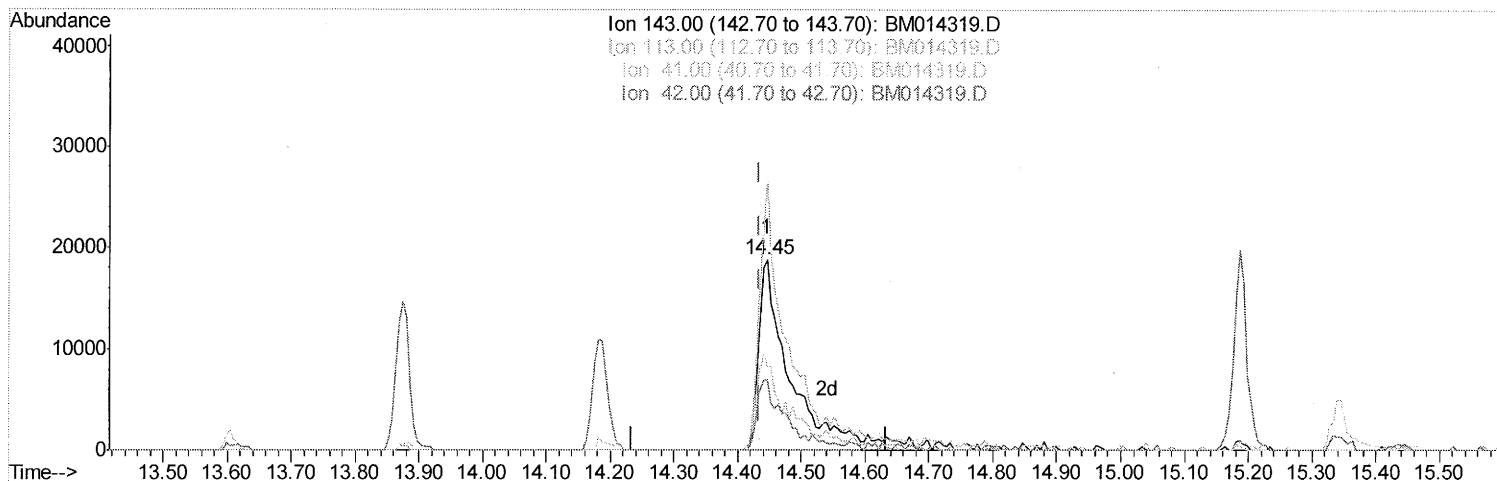
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 Data File : BM014319.D  
 Acq On : 21 Feb 2018 10:09  
 Operator : SJ/JU  
 Sample : PB106684BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 SBLK84

Manual Integrations  
 APPROVED

Sohil  
 2/22/2018 11:55:56 AM

Quant Time: Feb 22 03:45:00 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
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 QLast Update : Thu Feb 22 03:35:18 2018  
 Response via : Initial Calibration



TIC: BM014319.D

(51) 4-Nitrophenol-d4 (S)

14.445min (+0.012) 23.02ng/ul m

response 61217

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100    | 100     |
| 113.00 | 114.60 | 140.67# |
| 41.00  | 34.80  | 44.32#  |
| 42.00  | 20.50  | 36.94#  |

*5/2/2018*

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\  
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 Acq On : 21 Feb 2018 10:09  
 Operator : SJ/JU  
 Sample : PB106684BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 SBLK84

Manual Integrations  
 APPROVED

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 2/22/2018 11:55:56 AM

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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 75711    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.30 | 136  | 354177   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.19 | 164  | 233191   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 554986   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.15 | 240  | 558969   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.32 | 264  | 476615   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 11055m> | 6.25  | ng/uL | 20.00 |
| 5) Phenol-d5                   | 6.72  | 99  | 177628  | 27.76 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.88  | 67  | 123337  | 31.84 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.07  | 132 | 151457  | 30.87 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 158386  | 28.29 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 83711   | 31.98 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.40  | 143 | 85020   | 31.38 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.94  | 165 | 146368  | 26.09 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 200144  | 36.21 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.61 | 166 | 617570  | 32.07 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 773098  | 32.56 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 61217m> | 23.02 | ng/ul | 20.01 |
| 57) Fluorene-d10               | 15.19 | 176 | 550936  | 31.93 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 78019   | 23.43 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.04 | 188 | 893293  | 33.36 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.34 | 212 | 995027  | 34.51 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.18 | 264 | 776490  | 33.47 | ng/ul | 0.00  |

Target Compounds Ovalue

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