

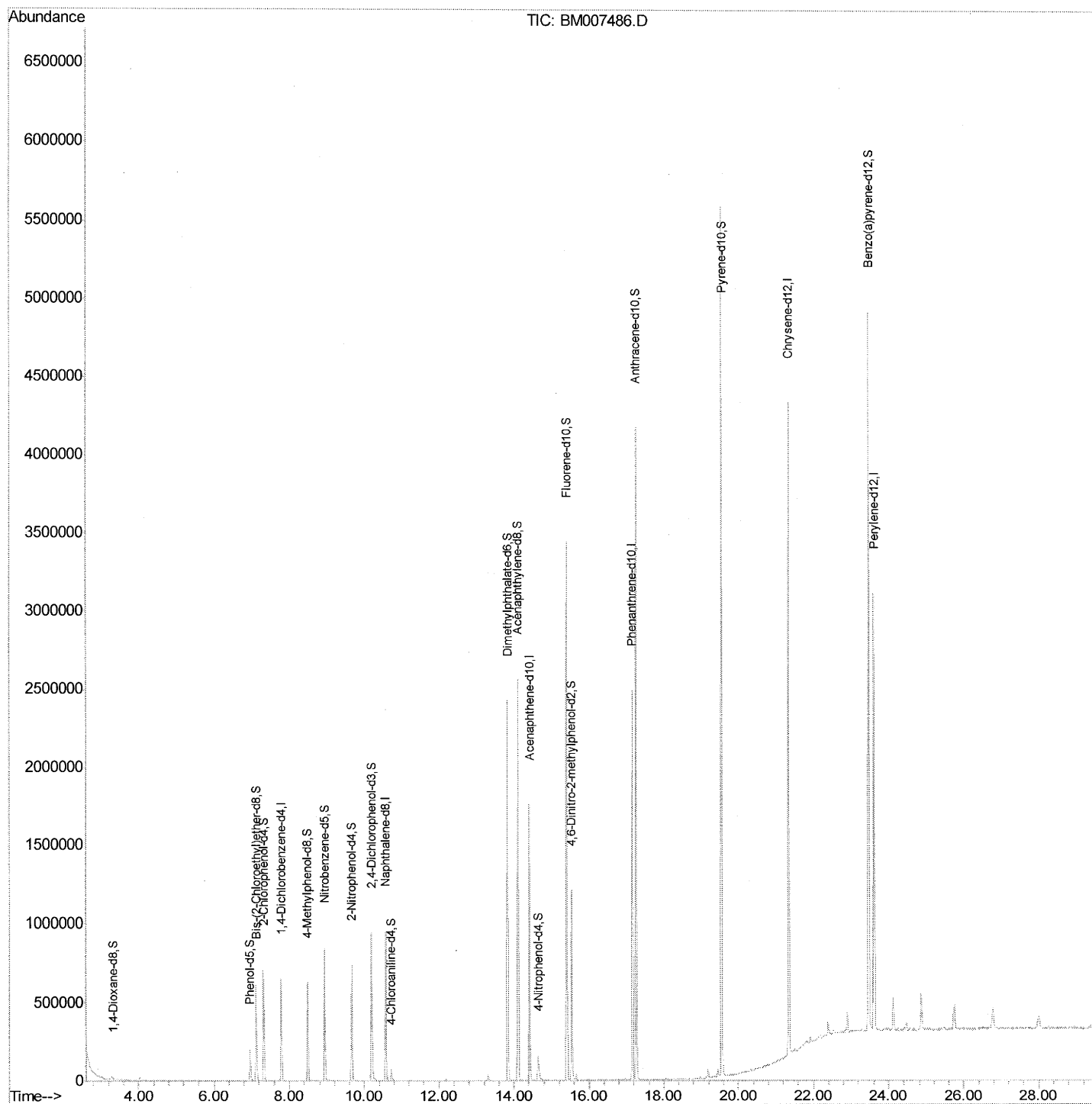
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM091916\  
Data File : BM007486.D  
Acq On : 19 Sep 2016 22:14  
Operator : UM/SJ  
Sample : H4830-15  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A4VI3

Manual Integrations  
APPROVED

sohil  
9/20/2016 6:46:34 PM

Quant Time: Sep 20 02:09:06 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM082316.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 20 01:35:12 2016  
Response via : Initial Calibration



## Quantitation Report (Qedit)

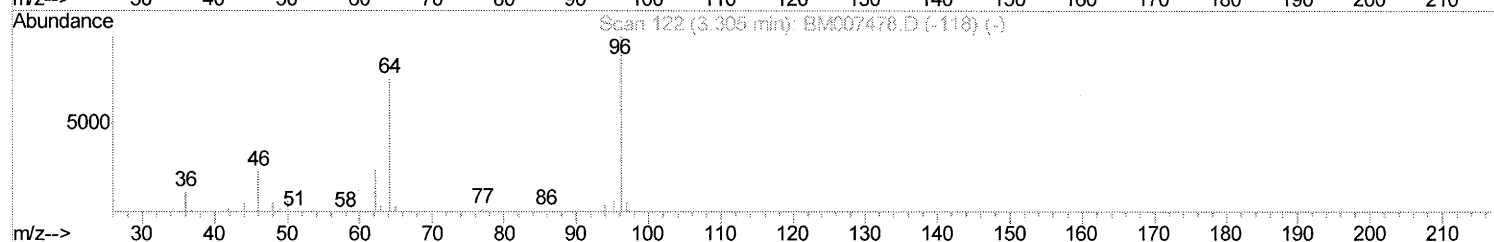
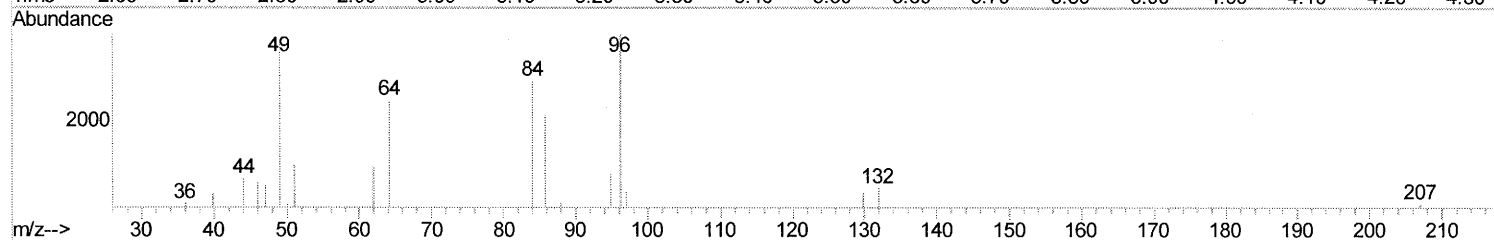
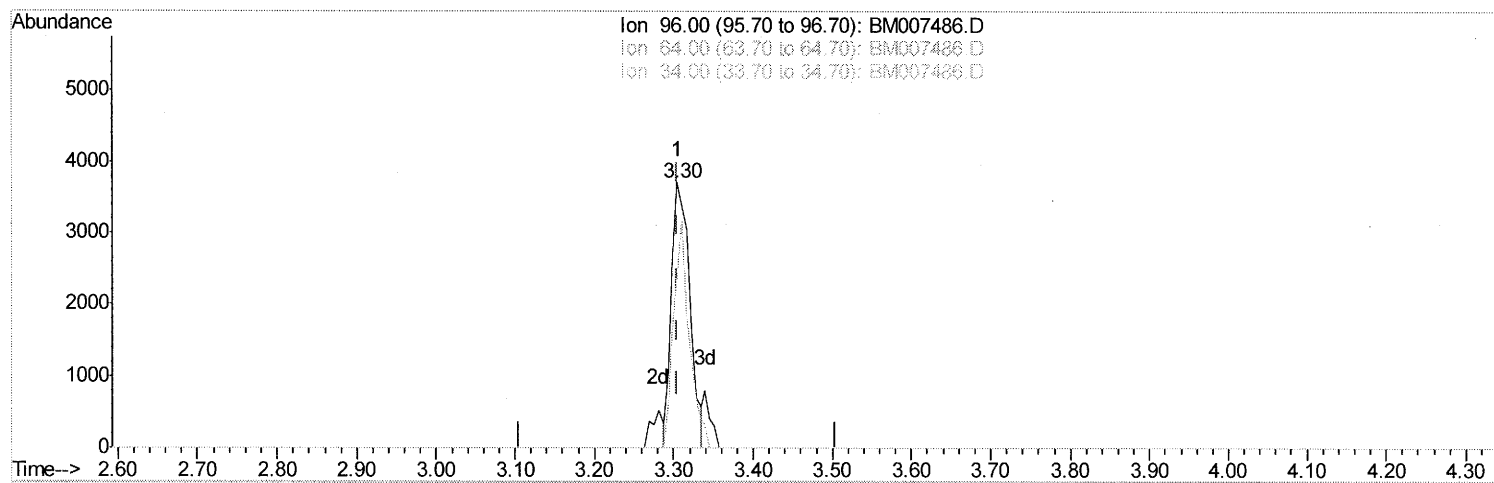
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ClientSampleId :  
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Manual Integrations  
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9/20/2016 6:46:34 PM

Quant Time: Sep 20 01:40:32 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM082316.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 20 01:35:12 2016  
Response via : Initial Calibration



TIC: BM007486.D

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

3.304min (-0.000) 1.75ng/uL

response 5863

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 68.70 | 73.67 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

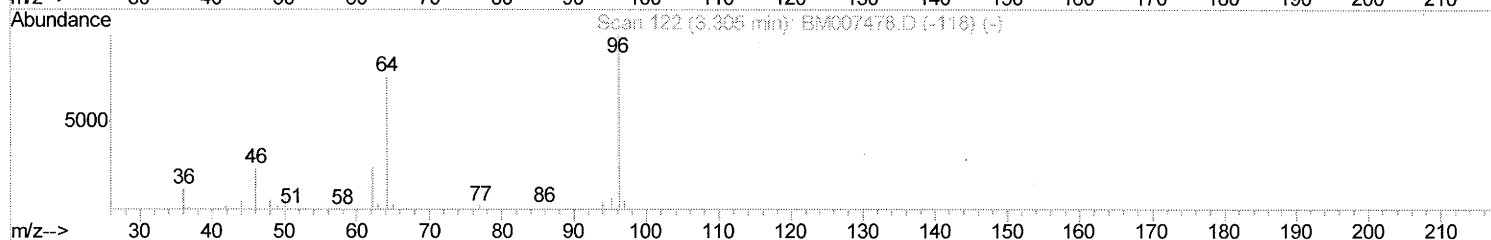
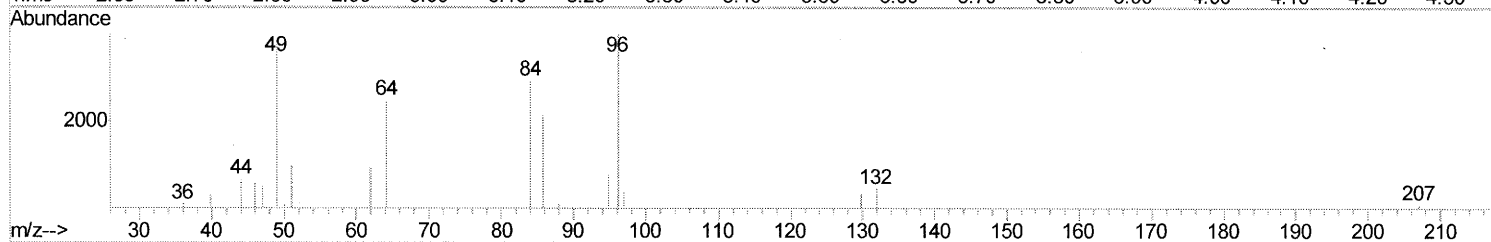
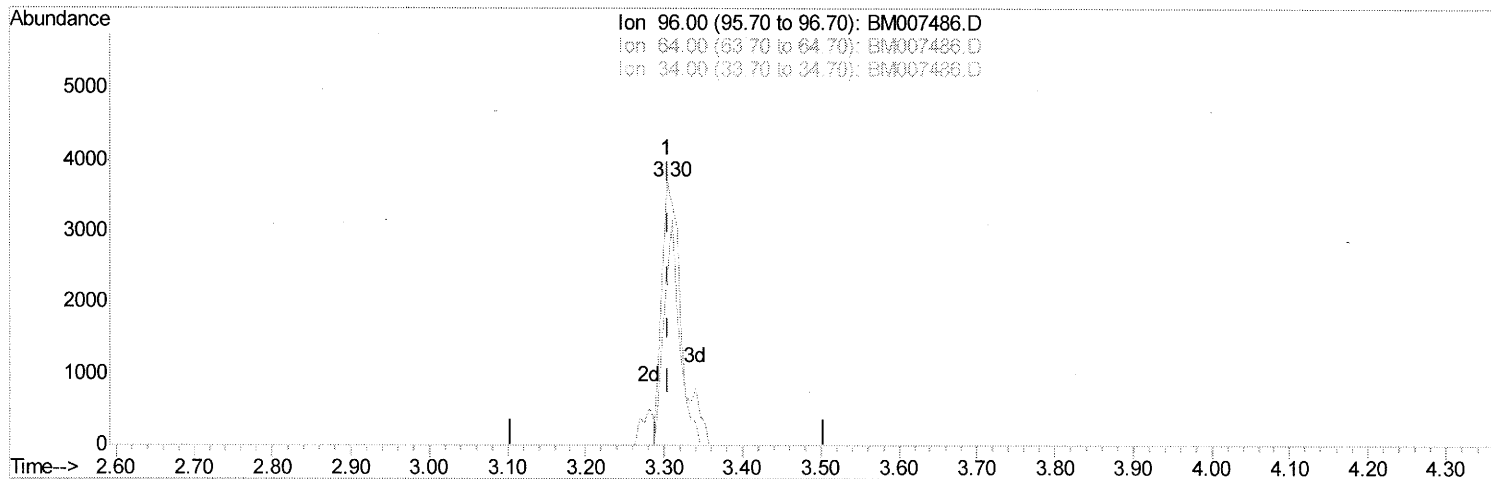
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM091916\  
Data File : BM007486.D  
Acq On : 19 Sep 2016 22:14  
Operator : UM/SJ  
Sample : H4830-15  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A4VI3

Manual Integrations  
APPROVED

sohil  
9/20/2016 6:46:34 PM

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



TIC: BM007486.D

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

3.304min (-0.000) 1.90ng/uL m

SJ 9/20/16

response 6391

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 68.70 | 67.58 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

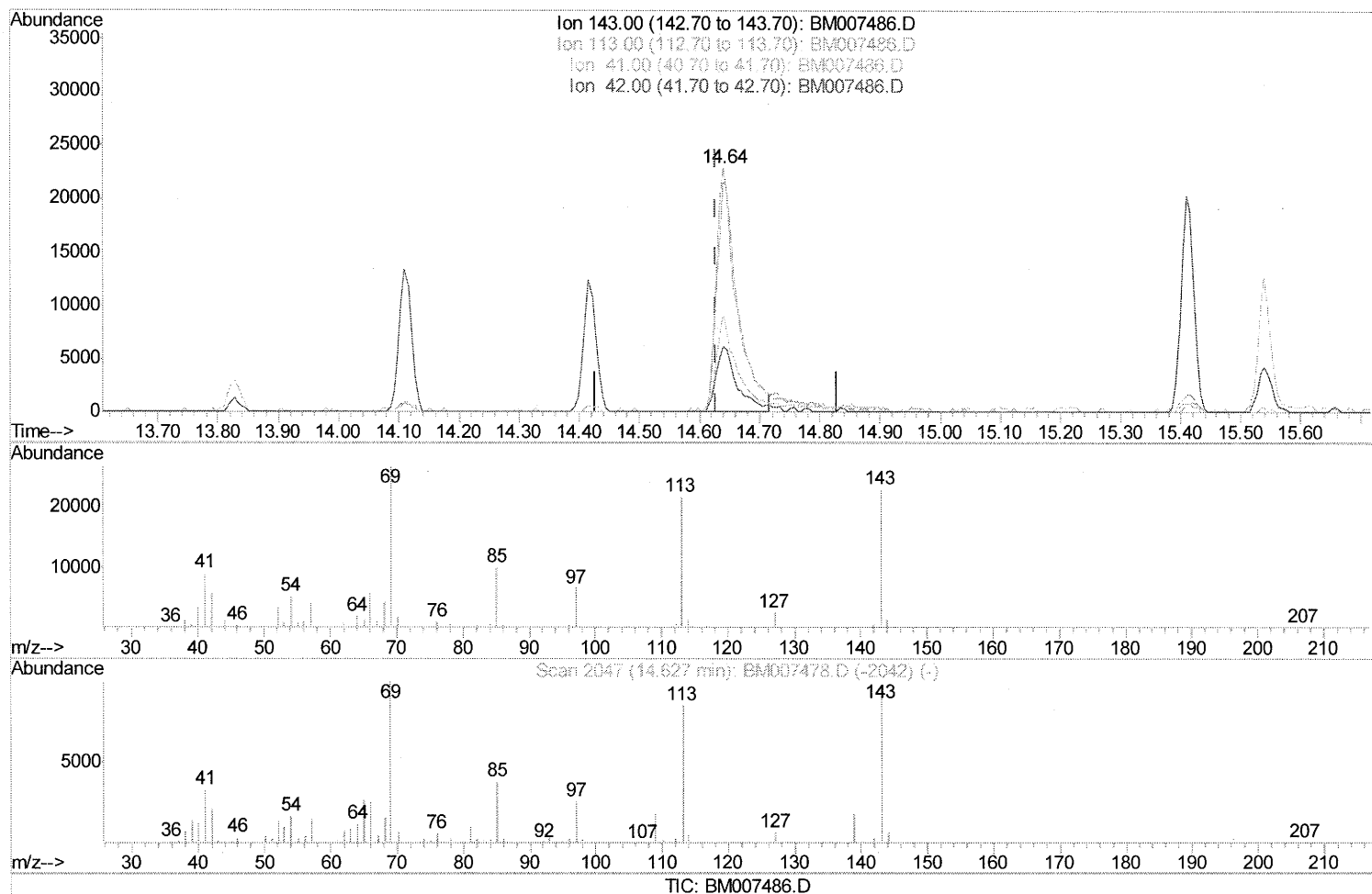
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM091916\  
Data File : BM007486.D  
Acq On : 19 Sep 2016 22:14  
Operator : UM/SJ  
Sample : H4830-15  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A4VI3

Manual Integrations  
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Quant Time: Sep 20 01:40:32 2016  
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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.639min (+0.011) 5.36ng/ul

response 55521

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 93.70 | 94.50 |
| 41.00  | 36.40 | 40.13 |
| 42.00  | 22.60 | 27.04 |

# Quantitation Report (Qedit)

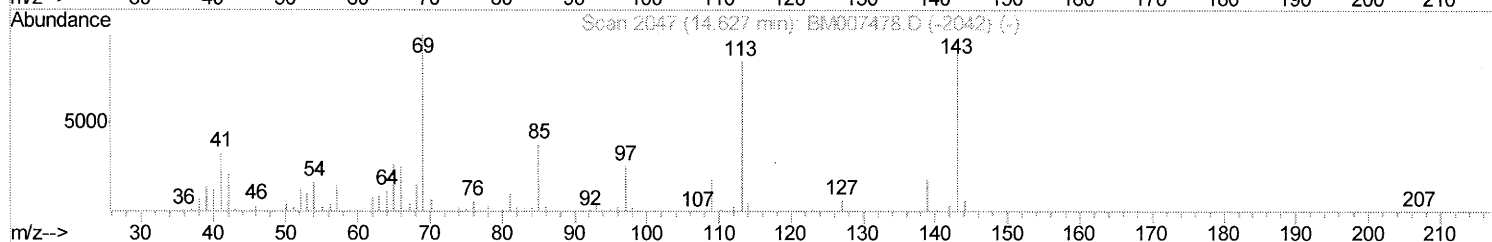
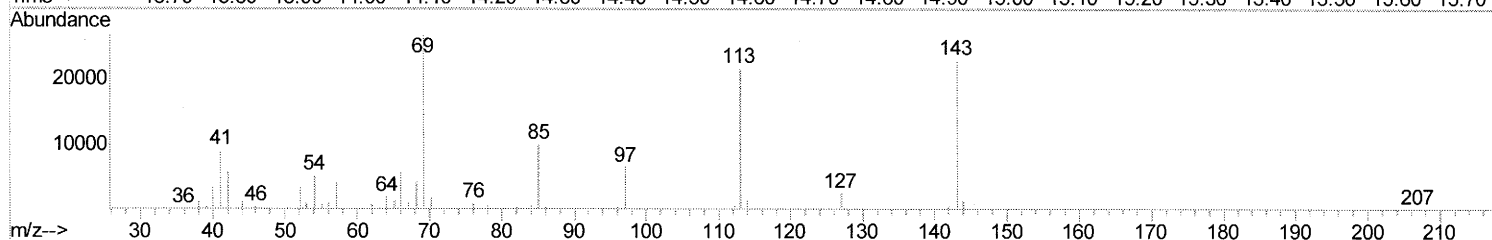
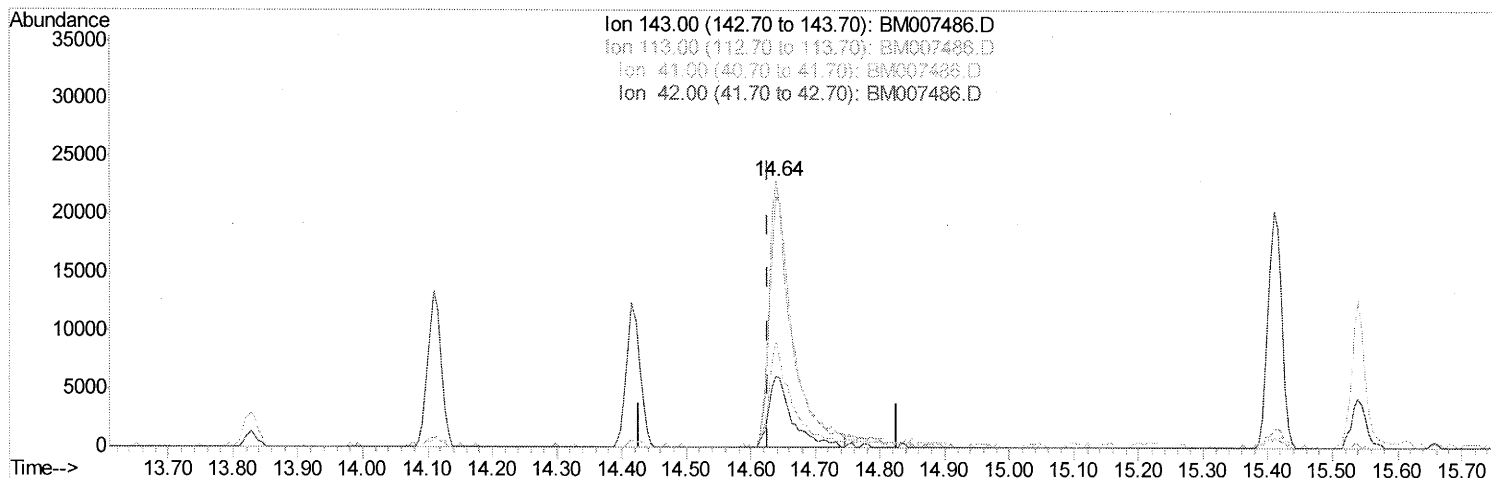
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 Data File : BM007486.D  
 Acq On : 19 Sep 2016 22:14  
 Operator : UM/SJ  
 Sample : H4830-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 A4VI3

Manual Integrations  
 APPROVED

sohil  
 9/20/2016 6:46:34 PM

Quant Time: Sep 20 01:40:32 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM082316.M  
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 Response via : Initial Calibration



TIC: BM007486.D

(51) 4-Nitrophenol-d4 (S)

14.639min (+0.011) 5.60ng/ul m

SJ 9/20/16

response 57924

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 93.70 | 94.50 |
| 41.00  | 36.40 | 40.13 |
| 42.00  | 22.60 | 27.04 |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM091916\  
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 Acq On : 19 Sep 2016 22:14  
 Operator : UM/SJ  
 Sample : H4830-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 A4VI3

Manual Integrations  
 APPROVED

sohil  
 9/20/2016 6:46:34 PM

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 20 01:35:12 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 171583   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 797695   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.42 | 164  | 635660   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 1451429  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 2089586  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.61 | 264  | 2166313  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 6391m   | 1.90  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 124295  | 7.67  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 276141  | 32.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 306876  | 25.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 232468  | 16.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 194922  | 33.28 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 227286  | 33.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 379149  | 27.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 47865   | 2.82  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.83 | 166 | 1610869 | 29.37 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.11 | 160 | 1809997 | 28.47 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 57924m  | 5.60  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.42 | 176 | 1374155 | 28.97 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 269807  | 29.56 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.26 | 188 | 2328586 | 34.34 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.56 | 212 | 2923917 | 33.46 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.47 | 264 | 3370092 | 33.78 | ng/ul | 0.00 |

52 9/20/16

52 9/20/16

Target Compounds Qvalue

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