

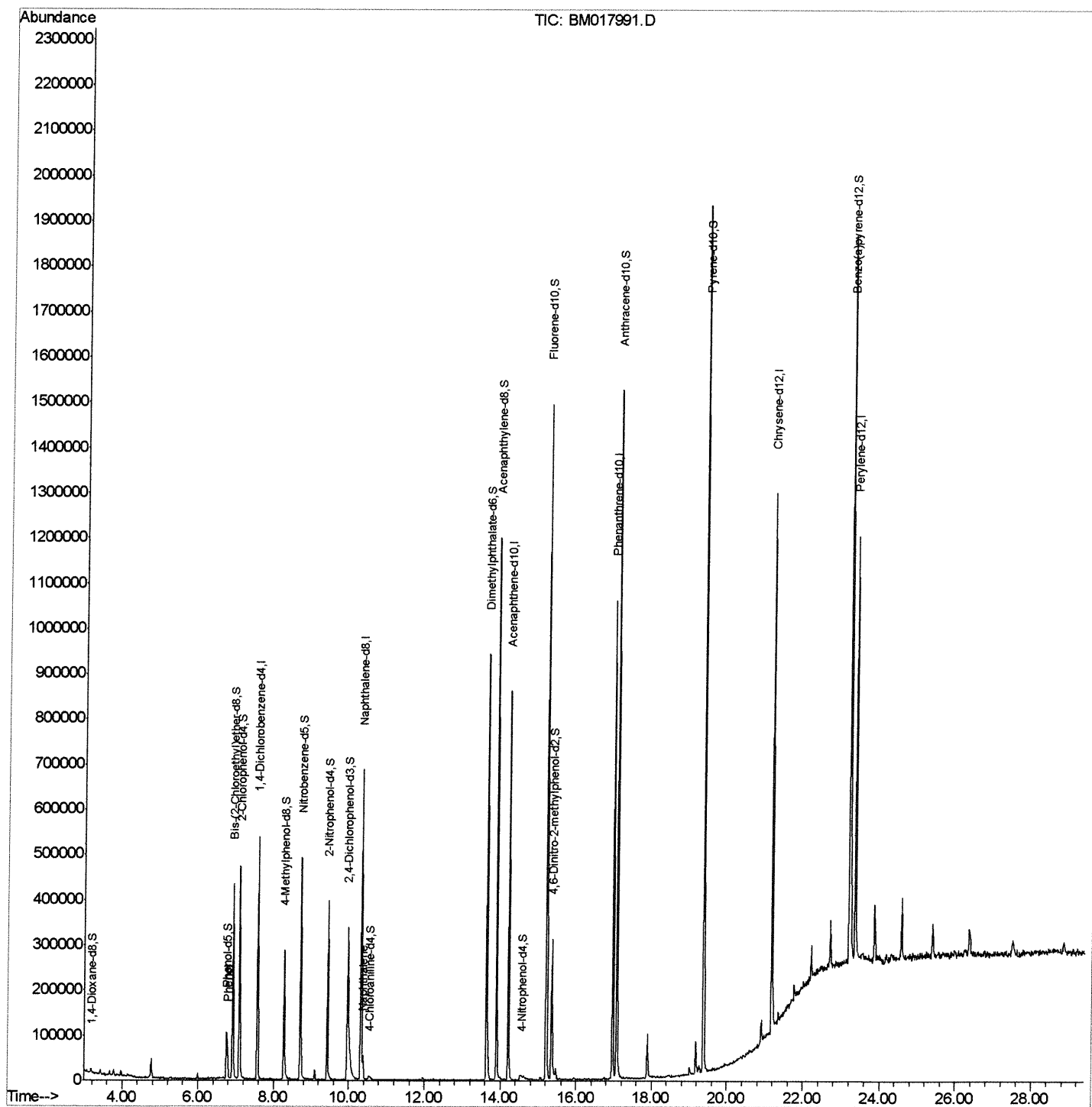
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
Data File : BM017991.D  
Acq On : 07 Dec 2018 08:26  
Operator : JU/SJ  
Sample : J6170-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9M07

Manual Integrations  
APPROVED

Sohil  
12/11/2018 8:39:53 AM

Quant Time: Dec 07 12:27:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION  
Qlast Update : Fri Dec 07 08:24:59 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

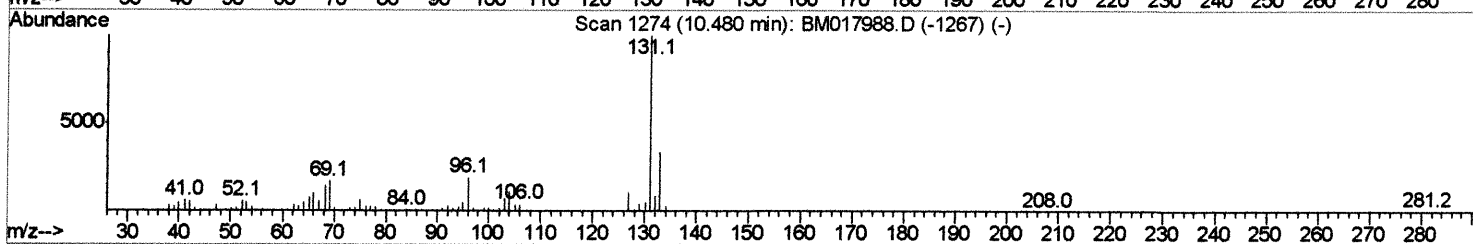
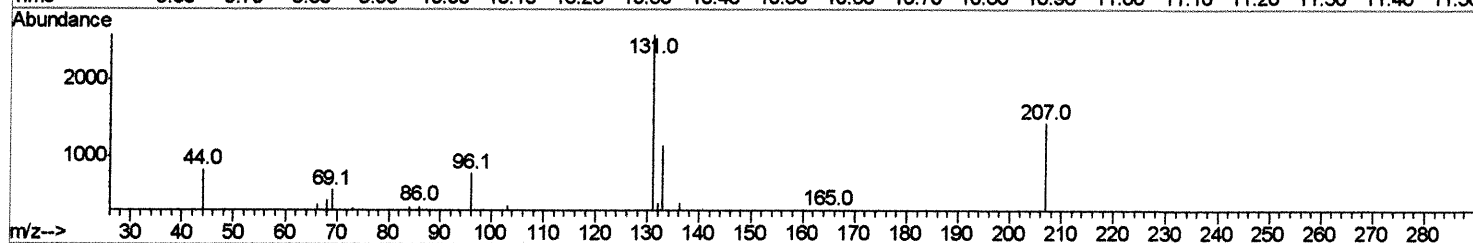
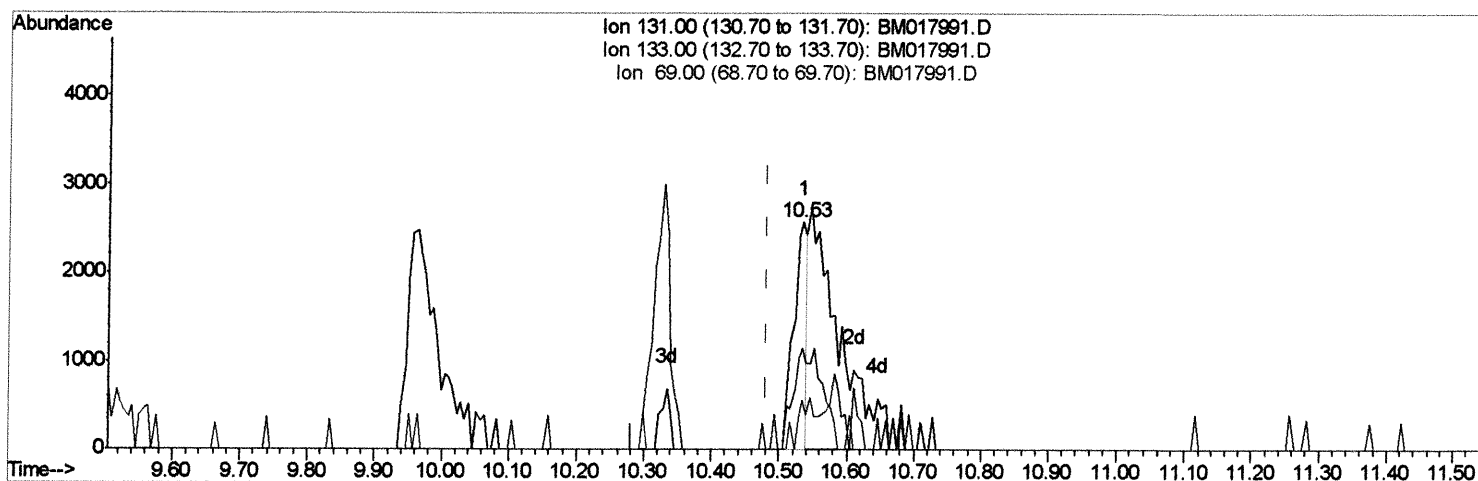
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
Data File : BM017991.D  
Acq On : 07 Dec 2018 08:26  
Operator : JU/SJ  
Sample : J6170-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9M07

Manual Integrations  
APPROVED

Sohil  
12/11/2018 8:39:53 AM

Quant Time: Dec 07 12:16:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 07 08:24:59 2018  
Response via : Initial Calibration



TIC: BM017991.D

(29) 4-Chloroaniline-d4 (S)

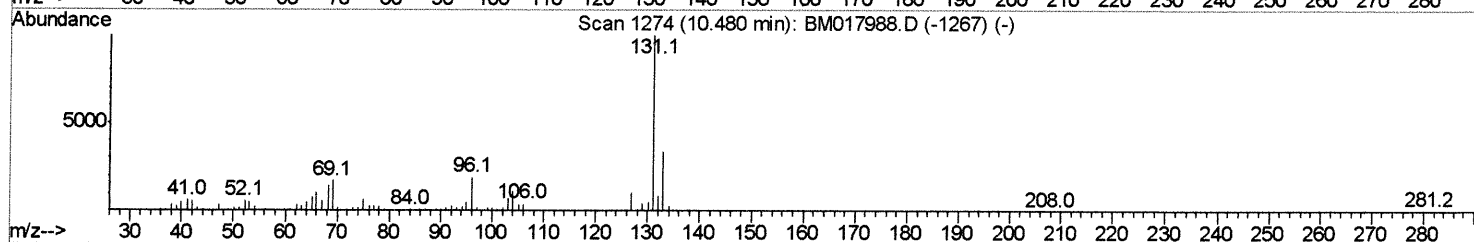
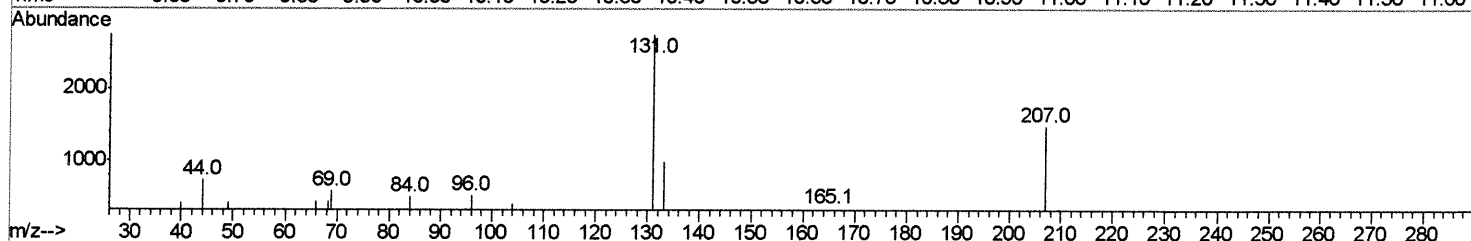
10.533min (+0.053) 0.46ng/ul

response 3797

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 32.40 | 44.51# |
| 69.00  | 18.90 | 21.79  |
| 0.00   | 0.00  | 0.00   |

```
Data Path   : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
Data File   : BM017991.D  
Acq On      : 07 Dec 2018   08:26  
Operator    : JU/SJ  
Sample      : J6170-04  
Misc        :  
ALS Vial    : 30      Sample Multiplier: 1
```

Sohil  
12/11/2018 8:39:53 AM



TIC: BM017991.D

10.545min (+0.065) 1.49ng/ul m) S2 12/11/18

response 12183

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 32.40 | 35.42 |
| 69.00  | 18.90 | 21.14 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

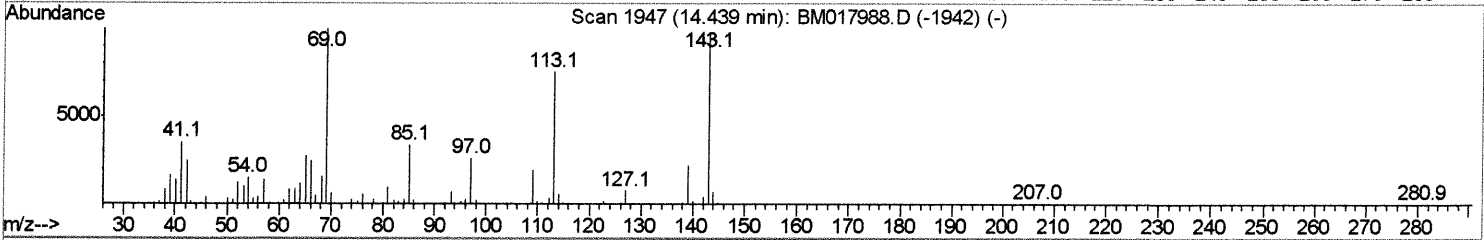
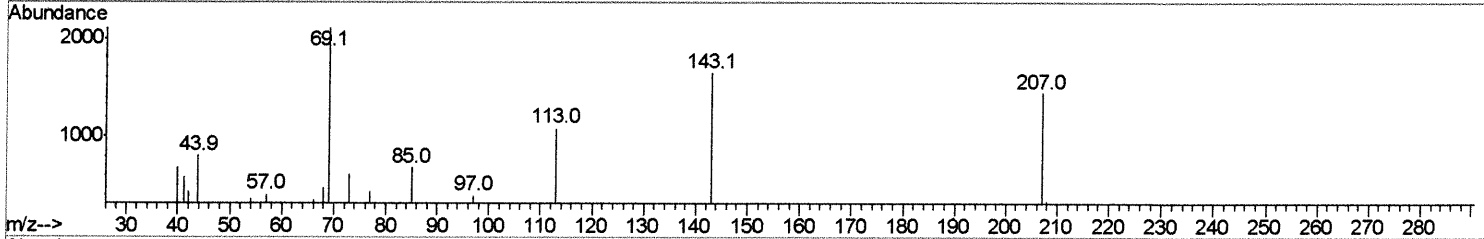
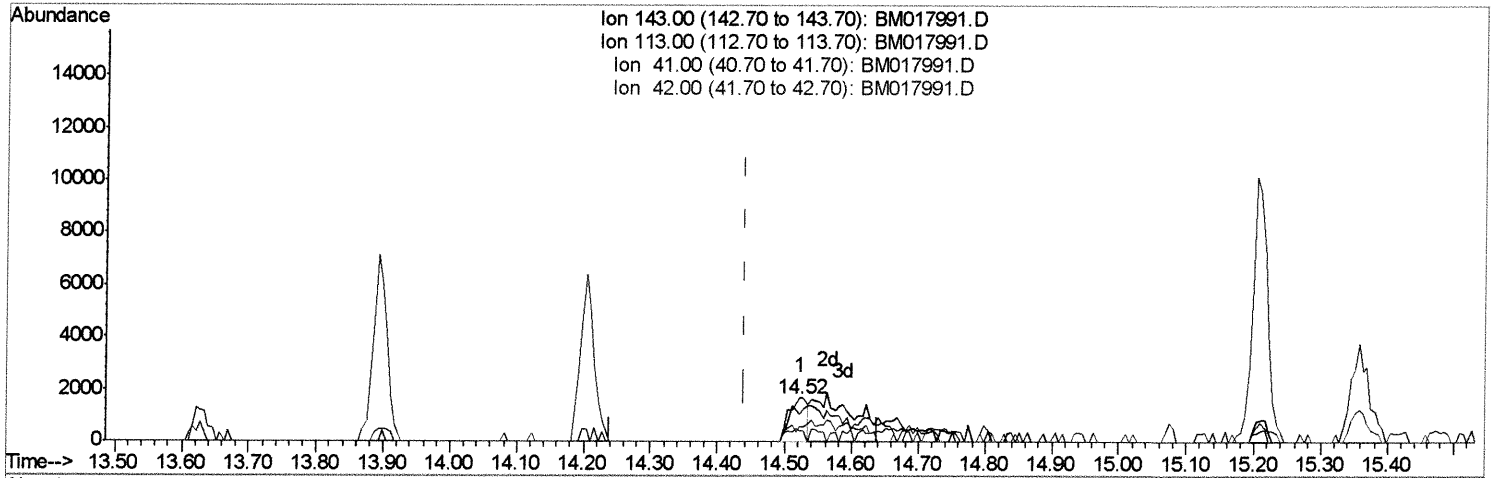
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
 Data File : BM017991.D  
 Acq On : 07 Dec 2018 08:26  
 Operator : JU/SJ  
 Sample : J6170-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9M07

Manual Integrations  
 APPROVED

Sohil  
 12/11/2018 8:39:53 AM

Quant Time: Dec 07 12:16:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 07 08:24:59 2018  
 Response via : Initial Calibration



TIC: BM017991.D

(51) 4-Nitrophenol-d4 (S)

14.521min (+0.082) 0.70ng/ul

response 3224

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 79.10 | 65.61 |
| 41.00  | 40.10 | 35.36 |
| 42.00  | 26.80 | 26.43 |

# Quantitation Report (Qedit)

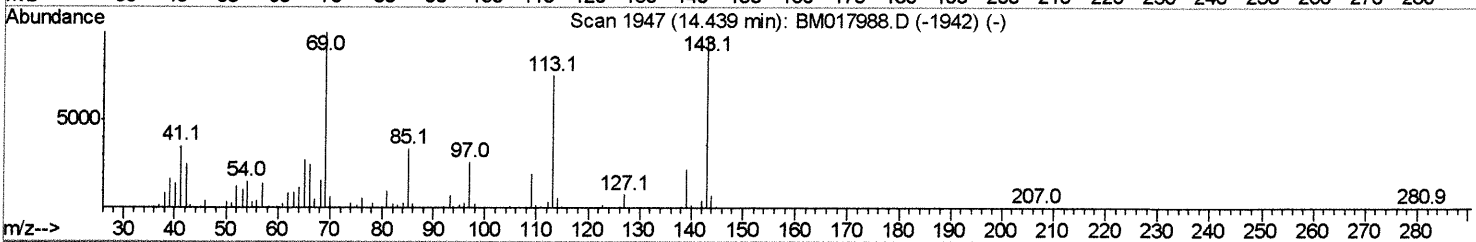
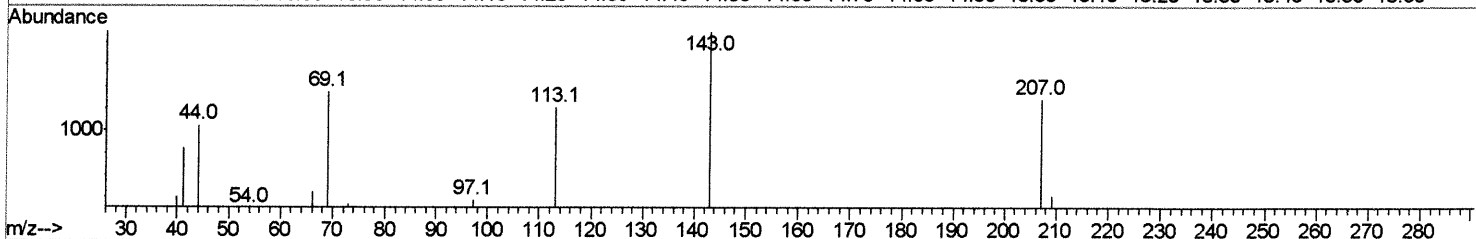
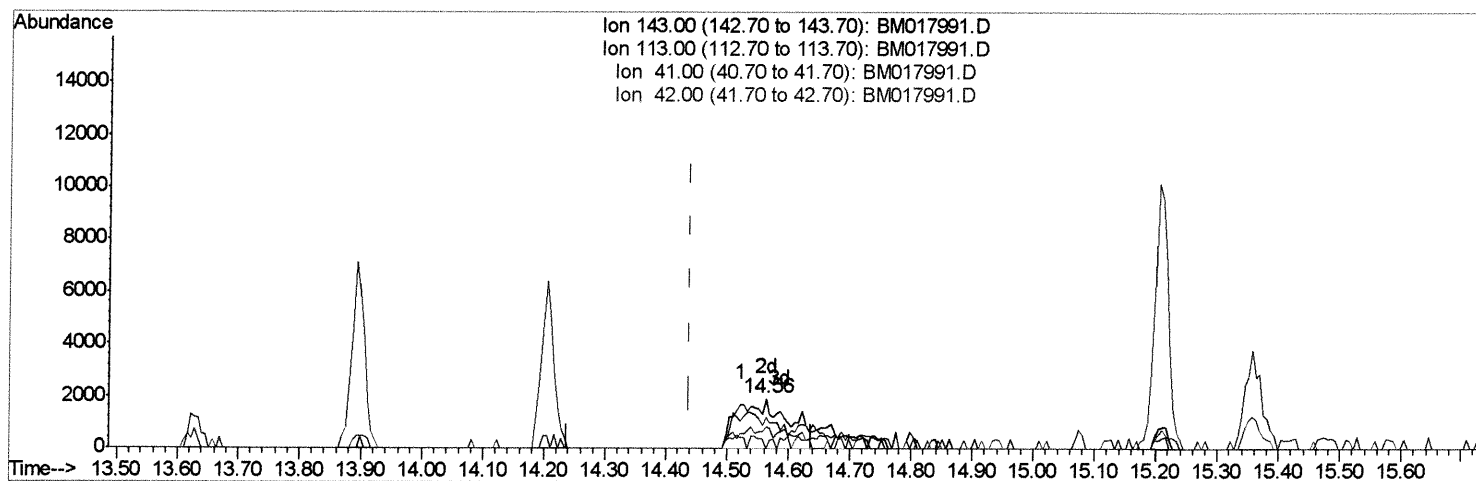
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
 Data File : BM017991.D  
 Acq On : 07 Dec 2018 08:26  
 Operator : JU/SJ  
 Sample : J6170-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9M07

Manual Integrations  
 APPROVED

Sohil  
 12/11/2018 8:39:53 AM

Quant Time: Dec 07 12:16:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 07 08:24:59 2018  
 Response via : Initial Calibration



TIC: BM017991.D

(51) 4-Nitrophenol-d4 (S)

14.563min (+0.124) 3.03ng/ul m} SJ 12/11/18

response 13876

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 79.10 | 63.91 |
| 41.00  | 40.10 | 44.31 |
| 42.00  | 26.80 | 0.00# |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
 Data File : BM017991.D  
 Acq On : 07 Dec 2018 08:26  
 Operator : JU/SJ  
 Sample : J6170-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9M07

Manual Integrations  
 APPROVED

Sohil  
 12/11/2018 8:39:53 AM

Quant Time: Dec 07 12:27:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 07 08:24:59 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 149936   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 570394   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 290509   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 601974   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 650618   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.35 | 264  | 710349   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 5629    | 1.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 73067   | 5.34  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 193172  | 23.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 239486  | 22.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 128114  | 11.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 128937  | 29.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 139142  | 27.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 220724  | 23.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 12183m  | 1.49  | ng/ul | 0.06 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 709482  | 28.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 899519  | 29.49 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 13876m  | 3.03  | ng/ul | 0.12 |
| 57) Fluorene-d10               | 15.21 | 176 | 625556  | 28.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 84465   | 19.63 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 908079  | 30.30 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 1002574 | 31.85 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 1181026 | 30.66 | ng/ul | 0.00 |

SJ 12/11/18

| Target Compounds |       |     |       |       | Ovalue |    |
|------------------|-------|-----|-------|-------|--------|----|
| 6) Phenol        | 6.78  | 94  | 28448 | 2.081 | ng/ul  | 92 |
| 28) Naphthalene  | 10.37 | 128 | 38546 | 1.297 | ng/ul# | 96 |

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