

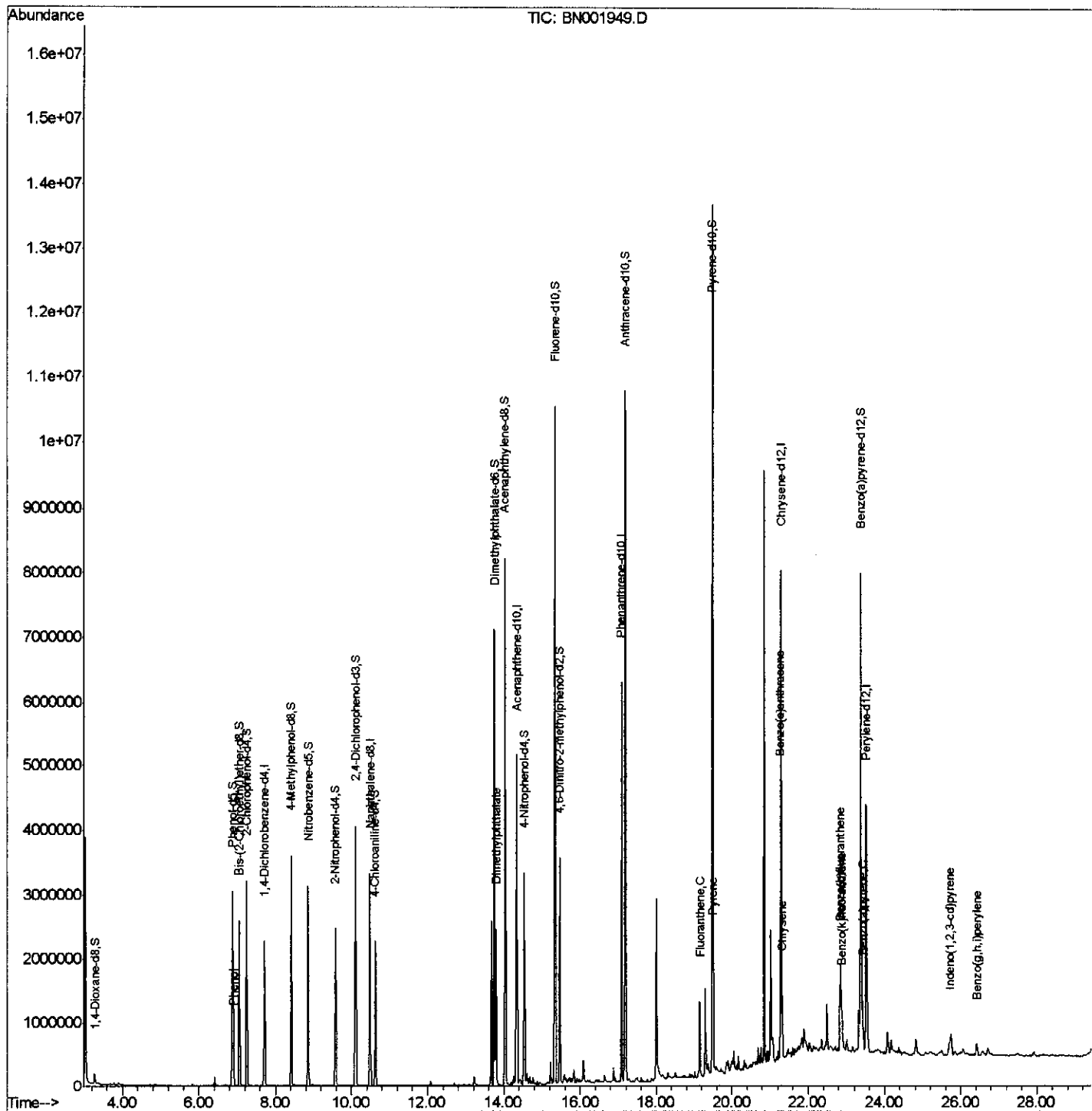
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN070318\  
Data File : BN001949.D  
Acq On : 03 Jul 2018 18:28  
Operator : JU/SJ  
Sample : J3721-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
Client Sampled :  
F1H05

Manual Integrations  
APPROVED

Sohil  
7/5/2018 4:31:12 PM

Quant Time: Jul 04 01:54:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 04 00:59:54 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

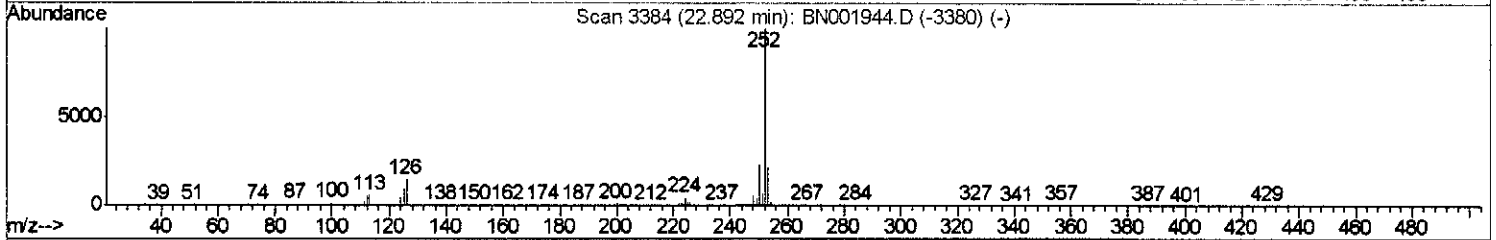
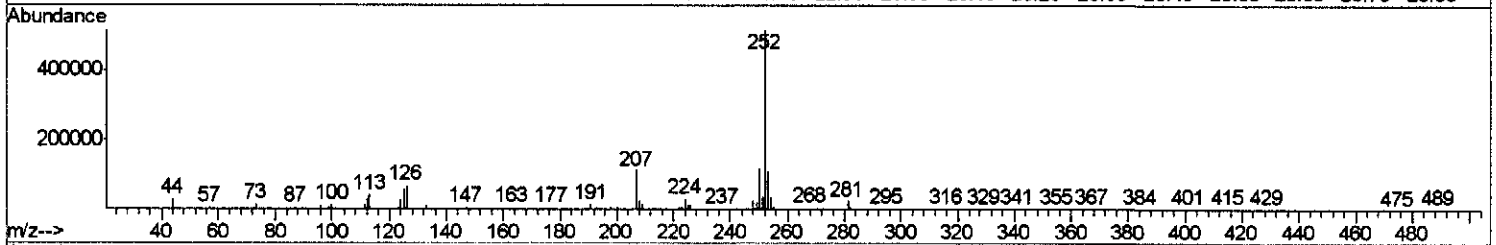
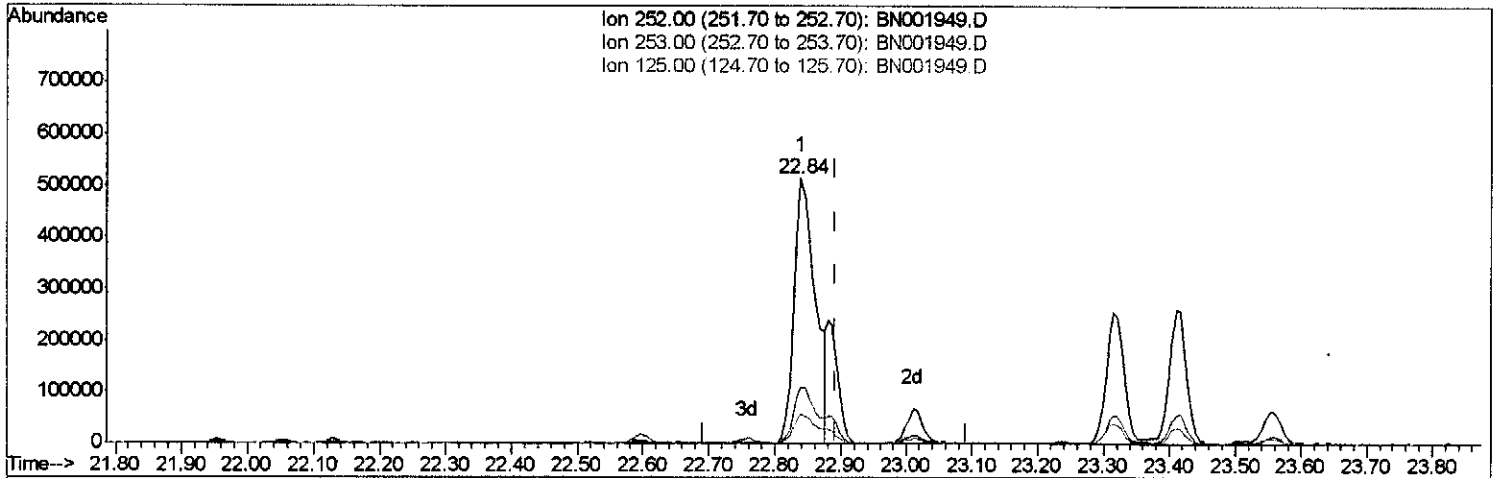
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 7/5/2018 4:31:12 PM

Quant Time: Jul 04 01:03:35 2018  
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 QLast Update : Wed Jul 04 00:59:54 2018  
 Response via : Initial Calibration



TIC: BN001949.D

(86) Benzo(k)fluoranthene  
 22.839min (-0.053) 6.84ng/ul  
 response 1145637

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 21.06  |
| 125.00 | 6.70  | 11.19# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

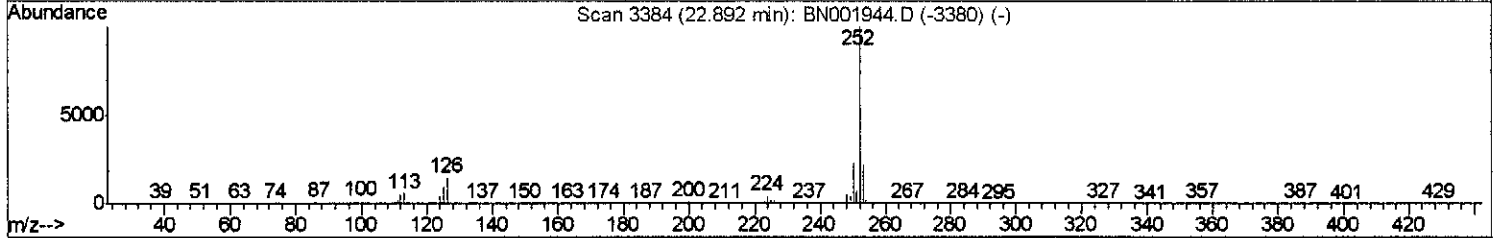
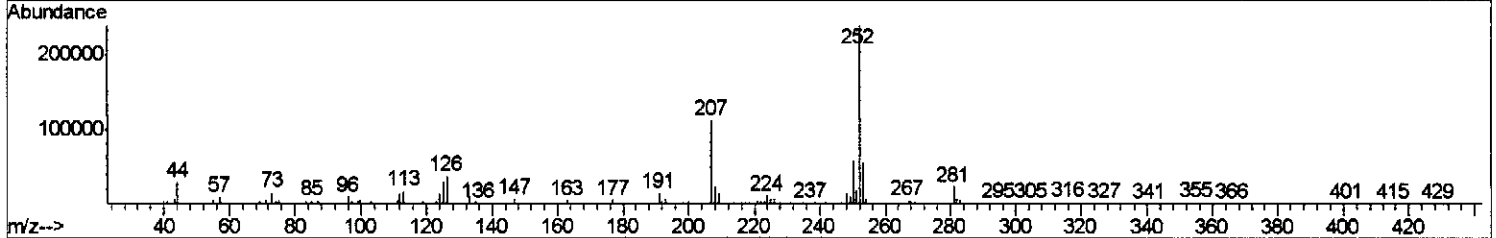
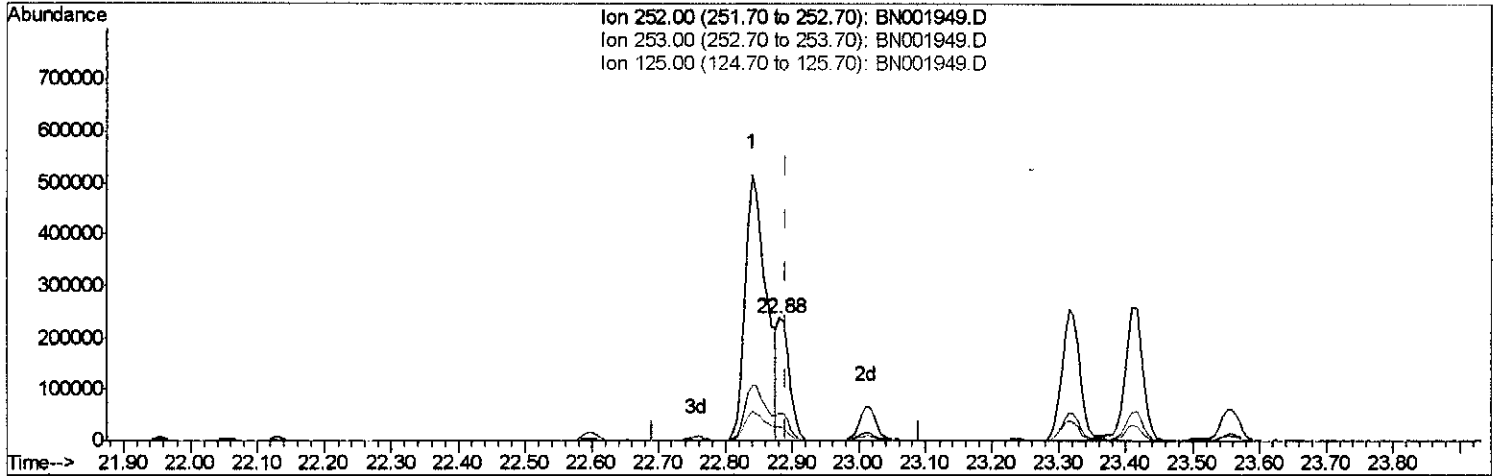
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Instrument :  
 BNA\_N  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/5/2018 4:31:12 PM

Quant Time: Jul 04 01:03:35 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 04 00:59:54 2018  
 Response via : Initial Calibration



TIC: BN001949.D

(86) Benzo(k)fluoranthene

22.880min (-0.012) 1.70ng/ul m> SJ

7/5/18

response 285009

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 22.80  |
| 125.00 | 6.70  | 11.75# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\  
 Data File : BN001949.D  
 Acq On : 03 Jul 2018 18:28  
 Operator : JU/SJ  
 Sample : J3721-19  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F1H05

Manual Integrations  
 APPROVED

Sohil  
 7/5/2018 4:31:12 PM

Quant Time: Jul 04 01:54:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 04 00:59:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 594459   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 2778412  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.34 | 164  | 1683714  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 3723715  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.28 | 240  | 3333965  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.51 | 264  | 2732979  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 79034   | 5.77  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.88  | 99  | 1787499 | 33.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 1167174 | 35.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 1452099 | 34.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.41  | 113 | 1355843 | 31.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 757496  | 36.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 825974  | 38.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 1480538 | 32.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 1220908 | 25.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 4608536 | 32.41 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 5908949 | 33.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 828036  | 31.61 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 4124143 | 33.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 694394  | 34.24 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 6191157 | 34.41 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.48 | 212 | 6894243 | 41.02 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.37 | 264 | 5600437 | 37.68 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 6) Phenol                  | 6.91  | 94  | 105005  | 1.936  | ng/ul  | 99  |
| 44) Dimethylphthalate      | 13.80 | 163 | 1518062 | 10.863 | ng/ul  | 99  |
| 74) Fluoranthene           | 19.15 | 202 | 667683  | 3.028  | ng/ul# | 92  |
| 77) Pyrene                 | 19.51 | 202 | 849436  | 4.071  | ng/ul# | 87  |
| 80) Benzo(a)anthracene     | 21.26 | 228 | 423090  | 2.008  | ng/ul  | 98  |
| 82) Chrysene               | 21.32 | 228 | 649905  | 3.315  | ng/ul  | 100 |
| 85) Benzo(b)fluoranthene   | 22.84 | 252 | 1145637 | 6.637  | ng/ul# | 96  |
| 86) Benzo(k)fluoranthene   | 22.88 | 252 | 285009m | 1.703  | ng/ul  |     |
| 88) Benzo(a)pyrene         | 23.41 | 252 | 459703  | 2.850  | ng/ul# | 96  |
| 89) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 299696  | 1.746  | ng/ul# | 89  |
| 91) Benzo(a,h,i)perylene   | 26.41 | 276 | 212265  | 1.499  | ng/ul# | 91  |

SJ 7/5/18

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