

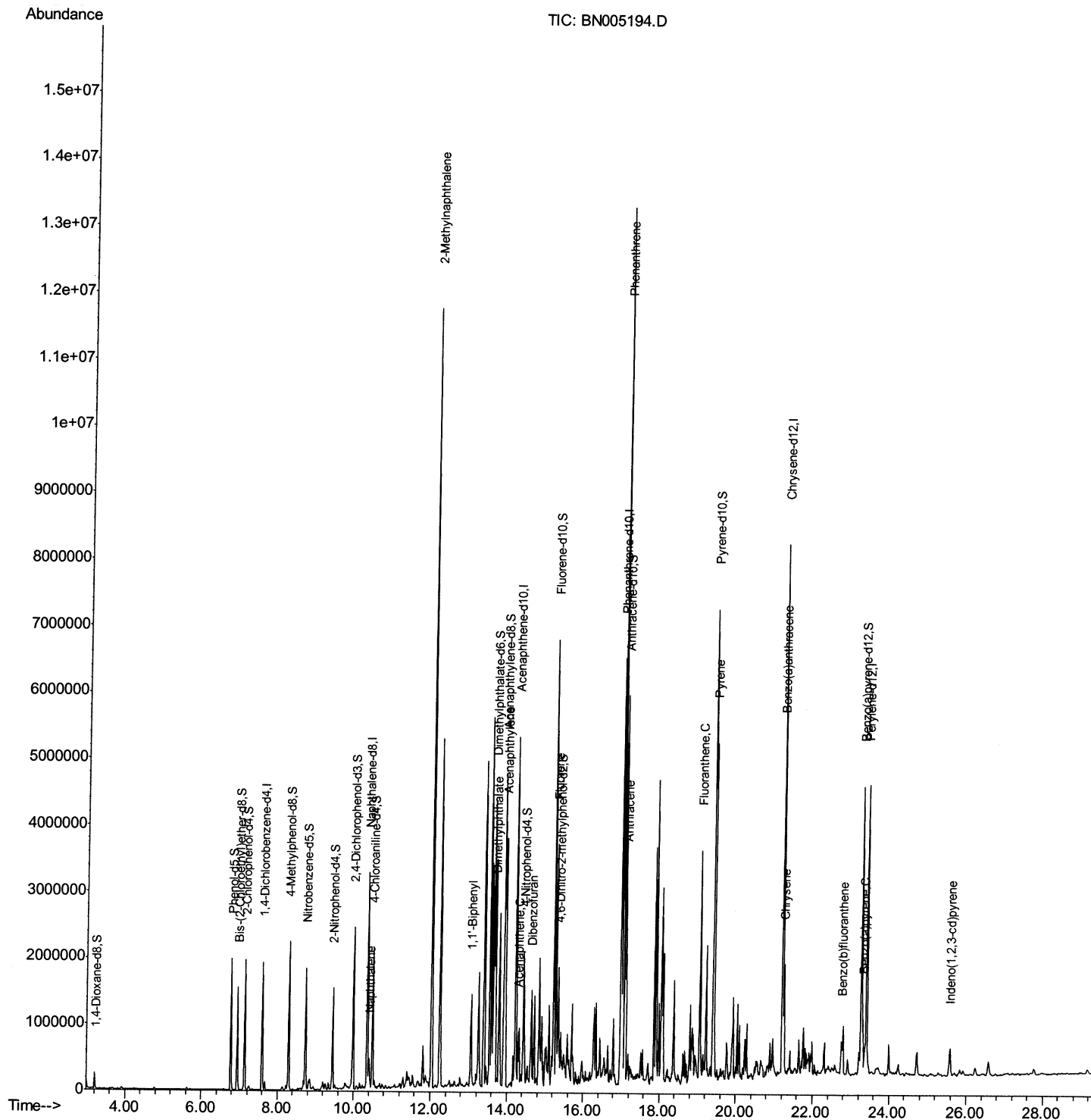
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
Data File : BN005194.D  
Acq On : 23 Apr 2019 03:20  
Operator : JU/SJ  
Sample : K2455-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
GAHQ9

Manual Integrations  
APPROVED

Sohil  
4/23/2019 4:19:46 PM

Quant Time: Apr 23 04:40:48 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Apr 23 03:50:45 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

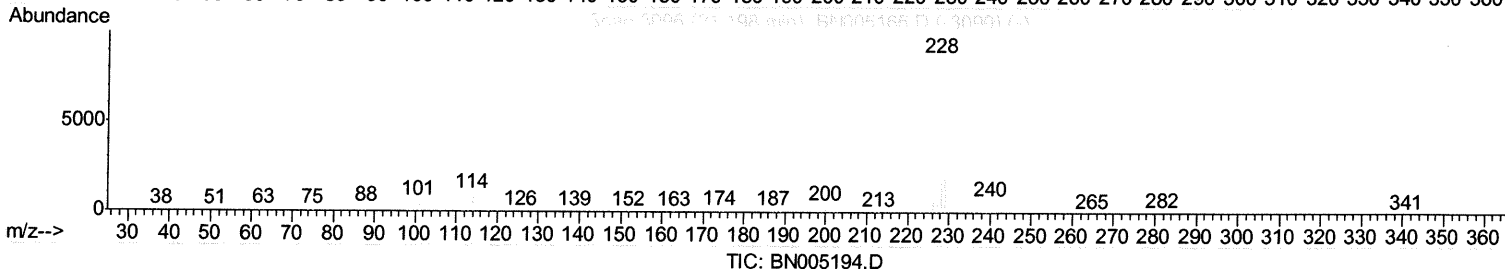
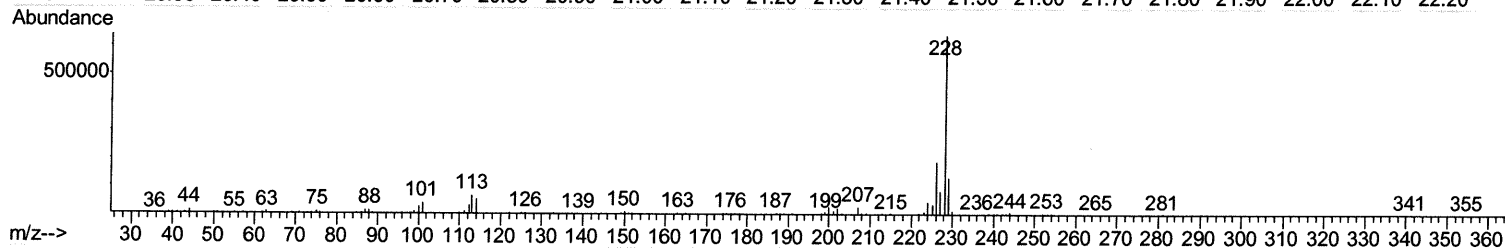
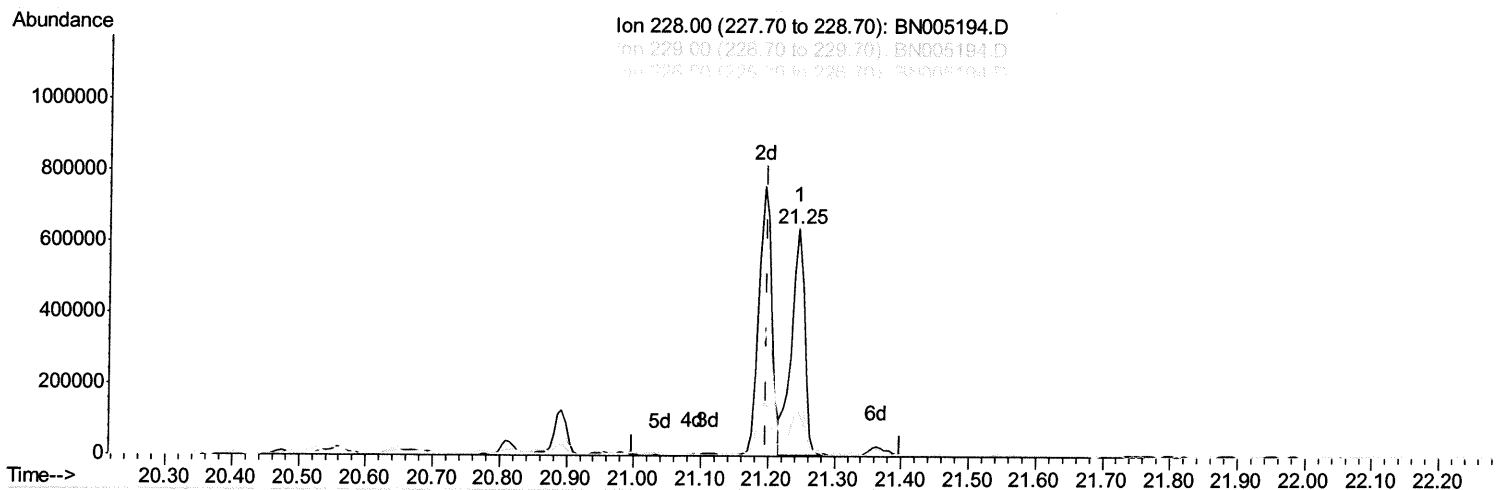
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(82) Benzo(a)anthracene

21.245min (+0.047) 4.41ng/ul

response 873815

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.70 | 20.59 |
| 226.00 | 26.80 | 29.62 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

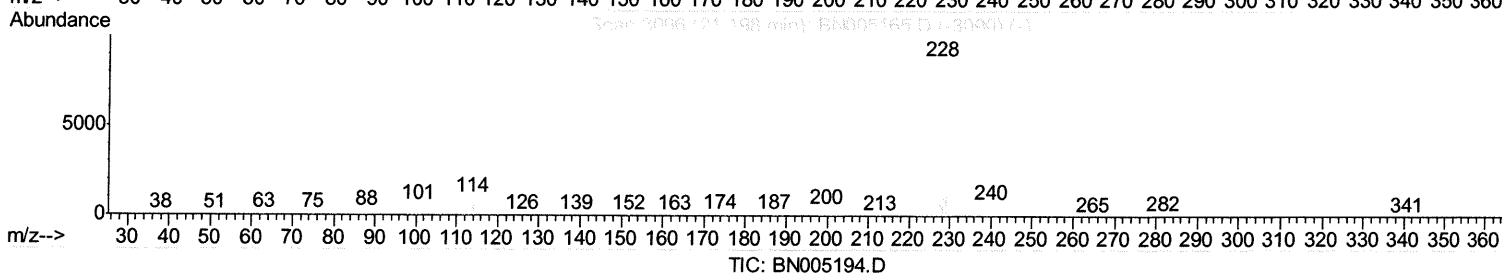
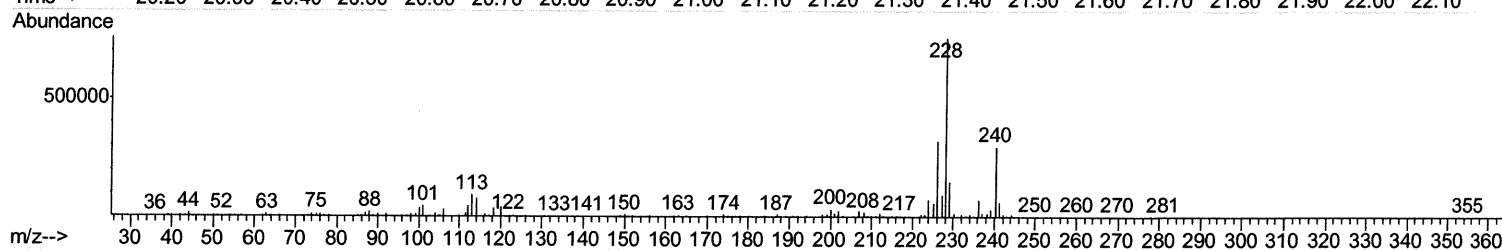
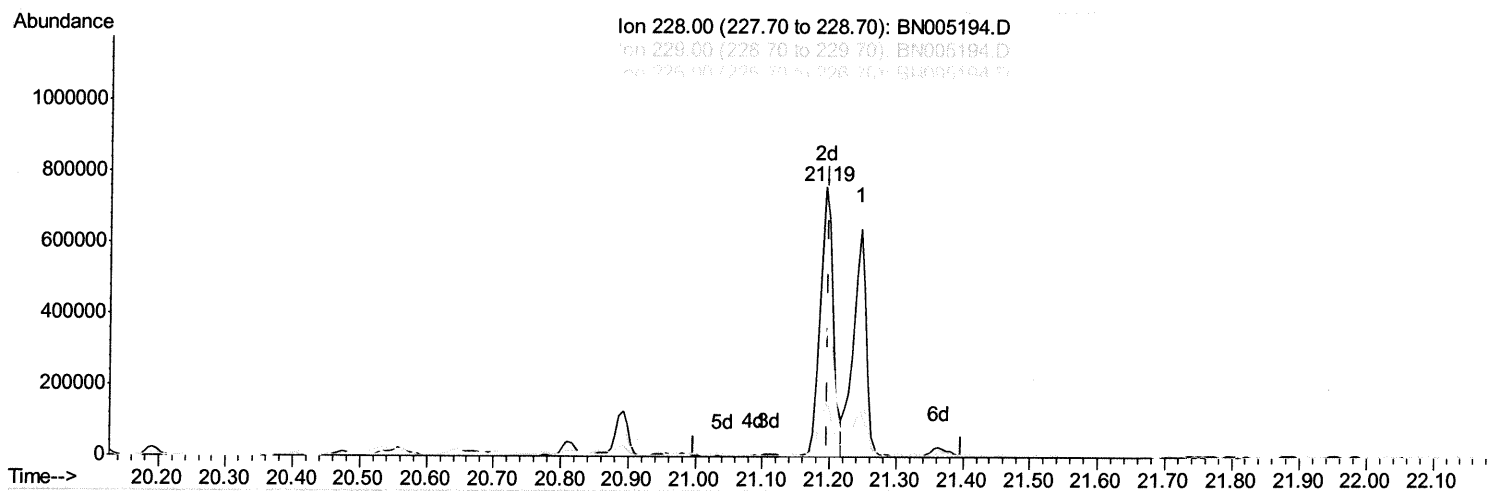
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
Data File : BN005194.D  
Acq On : 23 Apr 2019 03:20  
Operator : JU/SJ  
Sample : K2455-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHQ9

Manual Integrations  
APPROVED

Sohil  
4/23/2019 4:19:46 PM

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Response via : Initial Calibration



(82) Benzo(a)anthracene

21.192min (-0.006) 5.27ng/ul m SJ 04/30/19

response 1044141

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.70 | 20.21  |
| 226.00 | 26.80 | 42.23# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

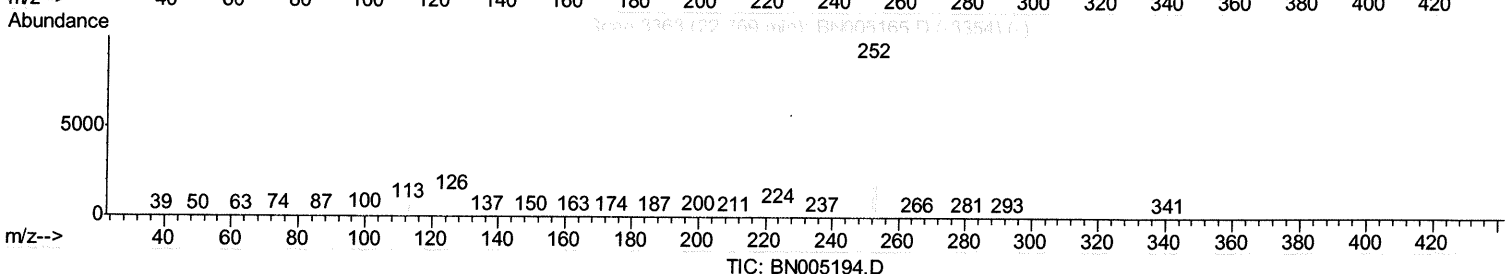
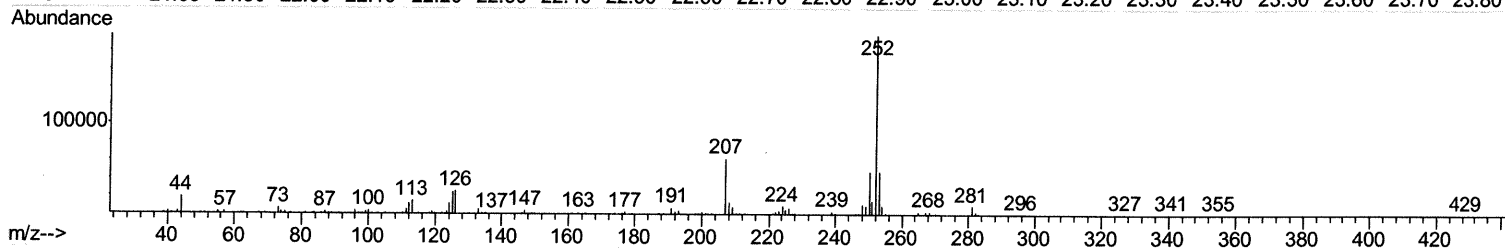
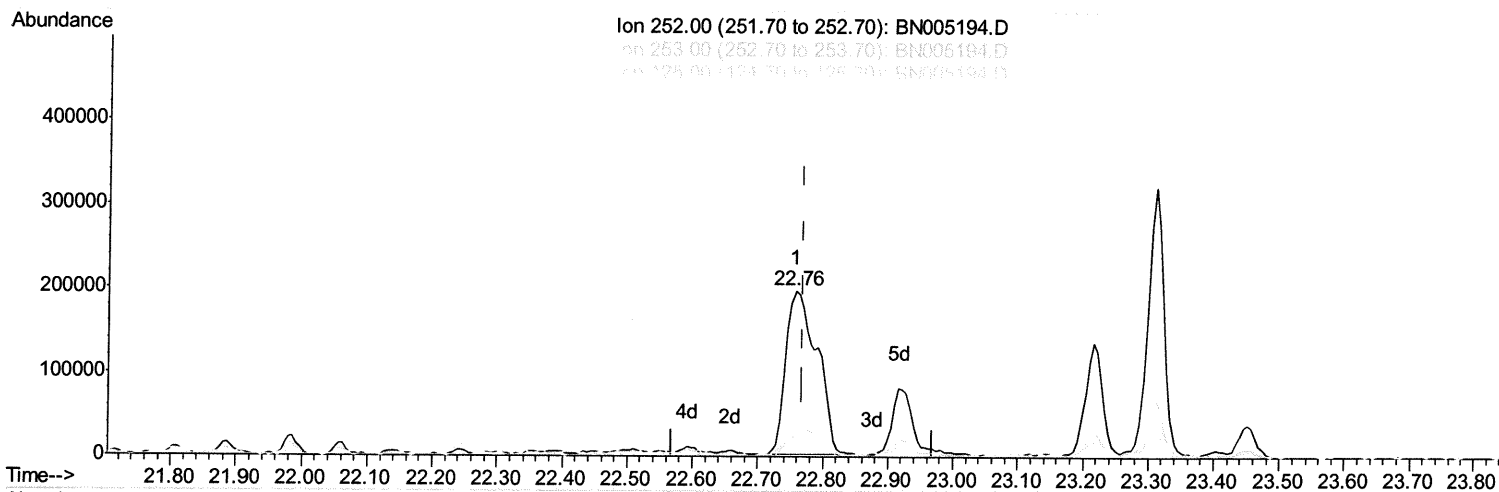
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
 Data File : BN005194.D  
 Acq On : 23 Apr 2019 03:20  
 Operator : JU/SJ  
 Sample : K2455-09  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 GAHQ9

Manual Integrations  
 APPROVED

Sohil  
 4/23/2019 4:19:46 PM

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(87) Benzo(b)fluoranthene

22.757min (-0.012) 3.85ng/ul

response 648072

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.10 | 24.36  |
| 125.00 | 10.50 | 12.78# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

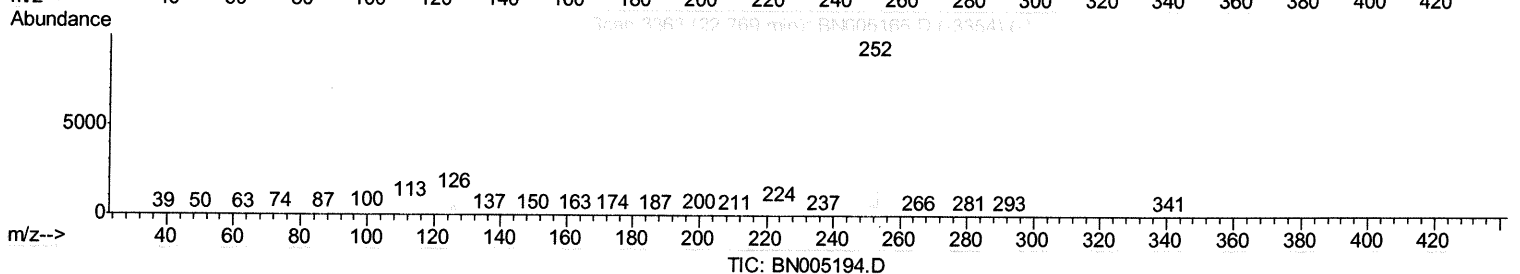
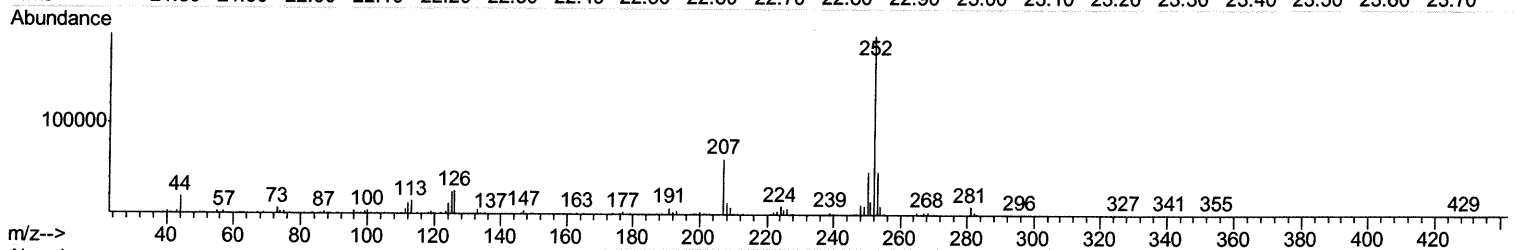
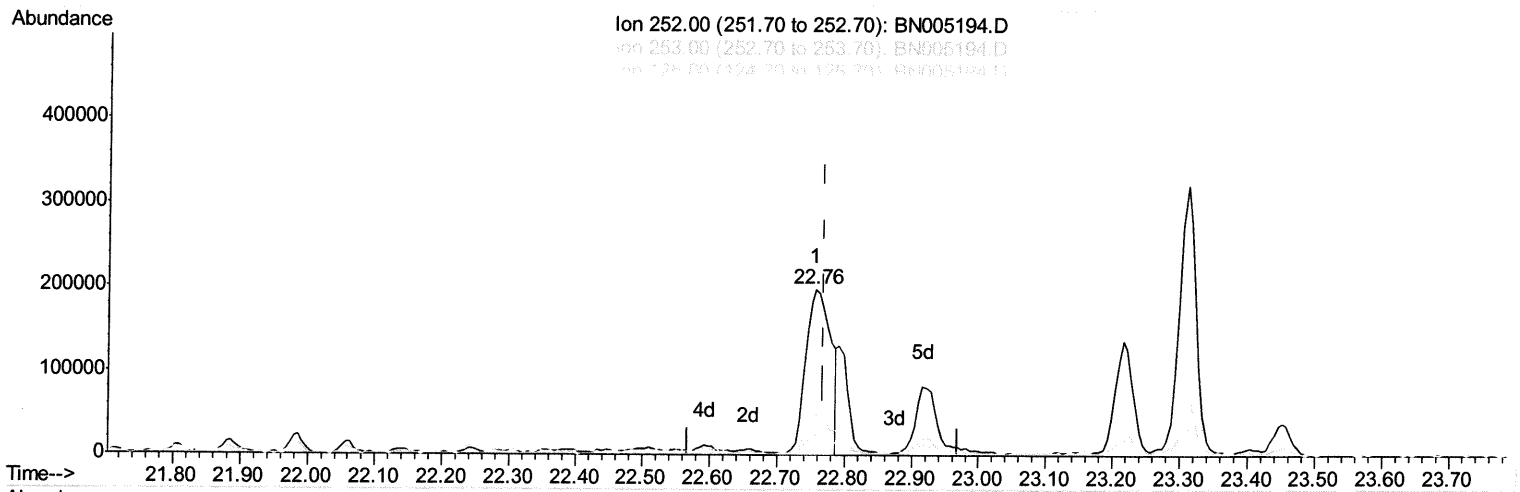
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
 Data File : BN005194.D  
 Acq On : 23 Apr 2019 03:20  
 Operator : JU/SJ  
 Sample : K2455-09  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 GAHQ9

Manual Integrations  
 APPROVED

Sohil  
 4/23/2019 4:19:46 PM

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(87) Benzo(b)fluoranthene

22.757min (-0.012) 3.09ng/ul m SJ 04/30/19

response 520179

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.10 | 24.36  |
| 125.00 | 10.50 | 12.78# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
 Data File : BN005194.D  
 Acq On : 23 Apr 2019 03:20  
 Operator : JU/SJ  
 Sample : K2455-09  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHQ9

Manual Integrations  
 APPROVED

Sohil  
 4/23/2019 4:19:46 PM

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| Internal Standards             | R.T.  | QIon | Response  | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|-----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.60  | 152  | 474033    | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.36 | 136  | 2226633   | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.23 | 164  | 1661281   | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 16.99 | 188  | 3838706   | 20.00  | ng/ul  | 0.00     |
| 77) Chrysene-d12               | 21.21 | 240  | 3183904   | 20.00  | ng/ul  | 0.00     |
| 85) Perylene-d12               | 23.40 | 264  | 2997448   | 20.00  | ng/ul  | -0.02    |
| System Monitoring Compounds    |       |      |           |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.22  | 96   | 102024    | 10.39  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.78  | 99   | 999393    | 26.84  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67   | 650269    | 28.00  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.13  | 132  | 793148    | 27.84  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.29  | 113  | 781615    | 26.86  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.73  | 128  | 394417    | 28.78  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.45  | 143  | 440633    | 31.71  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165  | 820587    | 25.77  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.49 | 131  | 1049359   | 31.95  | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.65 | 166  | 2649228   | 21.97  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 13.92 | 160  | 3168680   | 21.39  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.43 | 143  | 373251    | 19.60  | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.23 | 176  | 2196911   | 21.71  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200  | 304355    | 17.63  | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.08 | 188  | 3349720   | 20.82  | ng/ul  | 0.00     |
| 78) Pyrene-d10                 | 19.39 | 212  | 3636515   | 22.33  | ng/ul  | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264  | 2851262   | 21.77  | ng/ul  | -0.01    |
| Target Compounds               |       |      |           |        |        |          |
|                                |       |      |           |        | Qvalue |          |
| 28) Naphthalene                | 10.40 | 128  | 334998    | 3.236  | ng/ul  | 99       |
| 34) 2-Methylnaphthalene        | 12.03 | 142  | 5653112   | 74.586 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.06 | 154  | 670273    | 5.415  | ng/ul  | 99       |
| 44) Dimethylphthalate          | 13.70 | 163  | 492656    | 4.100  | ng/ul  | 99       |
| 47) Acenaphthylene             | 13.95 | 152  | 1819394   | 12.499 | ng/ul# | 95       |
| 49) Acenaphthene               | 14.29 | 153  | 243550    | 2.451  | ng/ul  | 99       |
| 53) Dibenzofuran               | 14.63 | 168  | 380048    | 2.656  | ng/ul  | 92       |
| 58) Fluorene                   | 15.29 | 166  | 1676616   | 15.018 | ng/ul  | 98       |
| 69) Phenanthrene               | 17.03 | 178  | 7931690   | 42.427 | ng/ul  | 98       |
| 71) Anthracene                 | 17.12 | 178  | 1690074   | 8.874  | ng/ul  | 100      |
| 76) Fluoranthene               | 19.06 | 202  | 1852346   | 8.933  | ng/ul  | 99       |
| 79) Pyrene                     | 19.42 | 202  | 2920809   | 14.248 | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.19 | 228  | 1044141m> | 5.272  | ng/ul→ | 99       |
| 84) Chrysene                   | 21.25 | 228  | 879319    | 4.783  | ng/ul  | 98       |
| 87) Benzo(b)fluoranthene       | 22.76 | 252  | 520179m>  | 3.087  | ng/ul→ | 99       |
| 90) Benzo(a)pyrene             | 23.31 | 252  | 545844    | 3.446  | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.57 | 276  | 176300    | 1.007  | ng/ul  | 97       |

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

5/04/30/19  
 5/04/30/19