

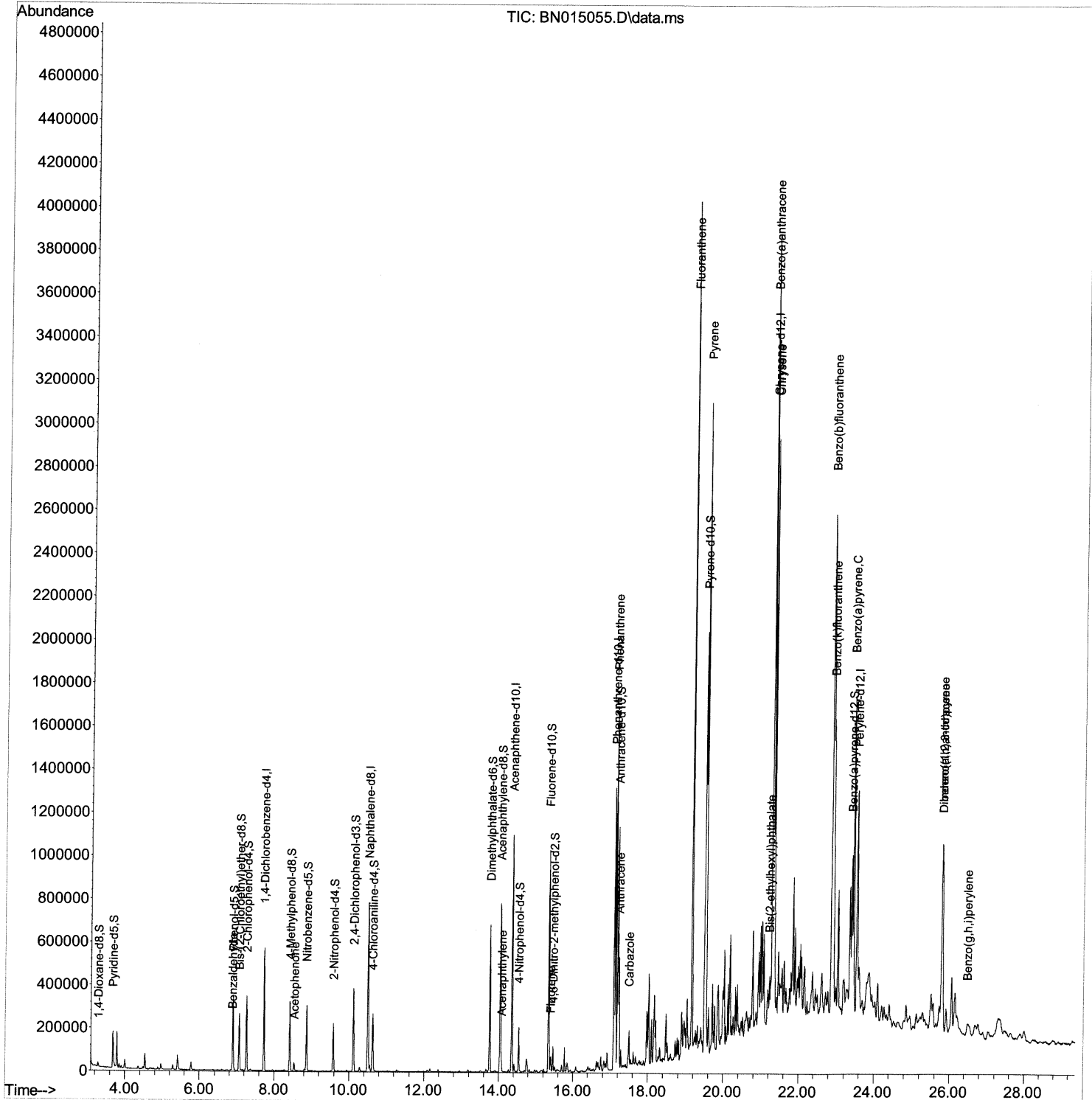
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015055.D  
Acq On : 25 Jun 2021 00:26  
Operator : CG/JU  
Sample : M2682-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGDM4

Manual Integrations  
APPROVED

mohammad  
6/25/2021 1:12:25 PM

Quant Time: Jun 25 01:24:21 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 24 14:43:13 2021  
Response via : Initial Calibration





# Quantitation Report (Qedit)

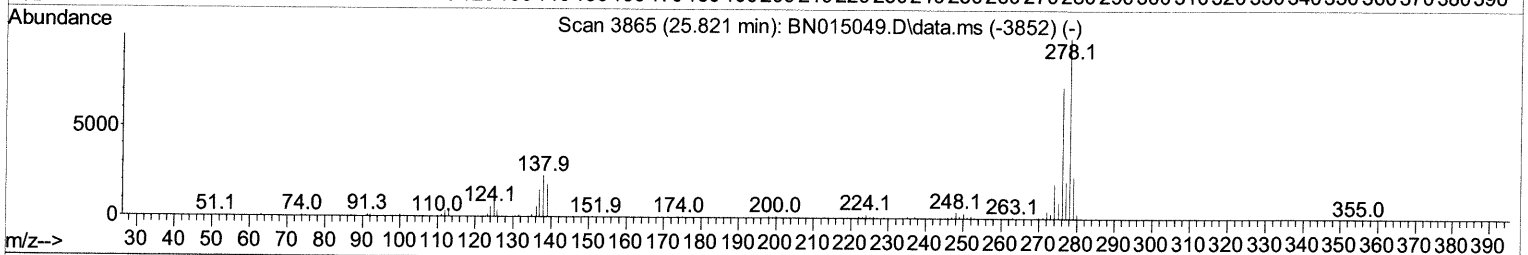
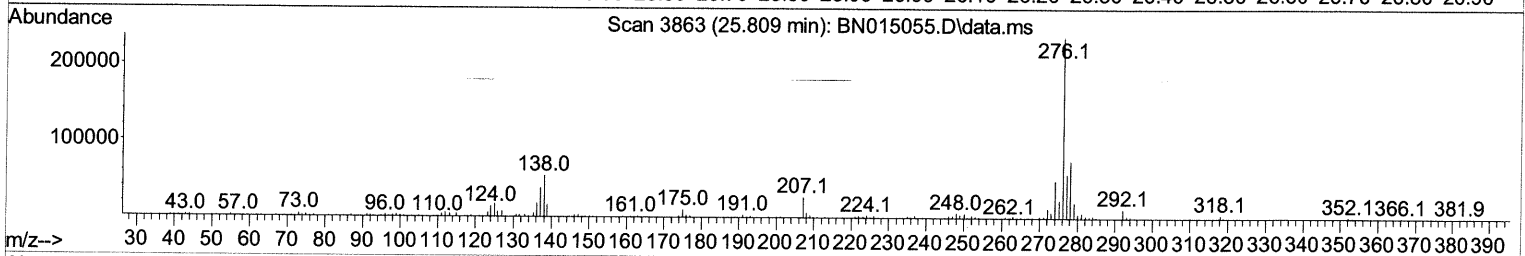
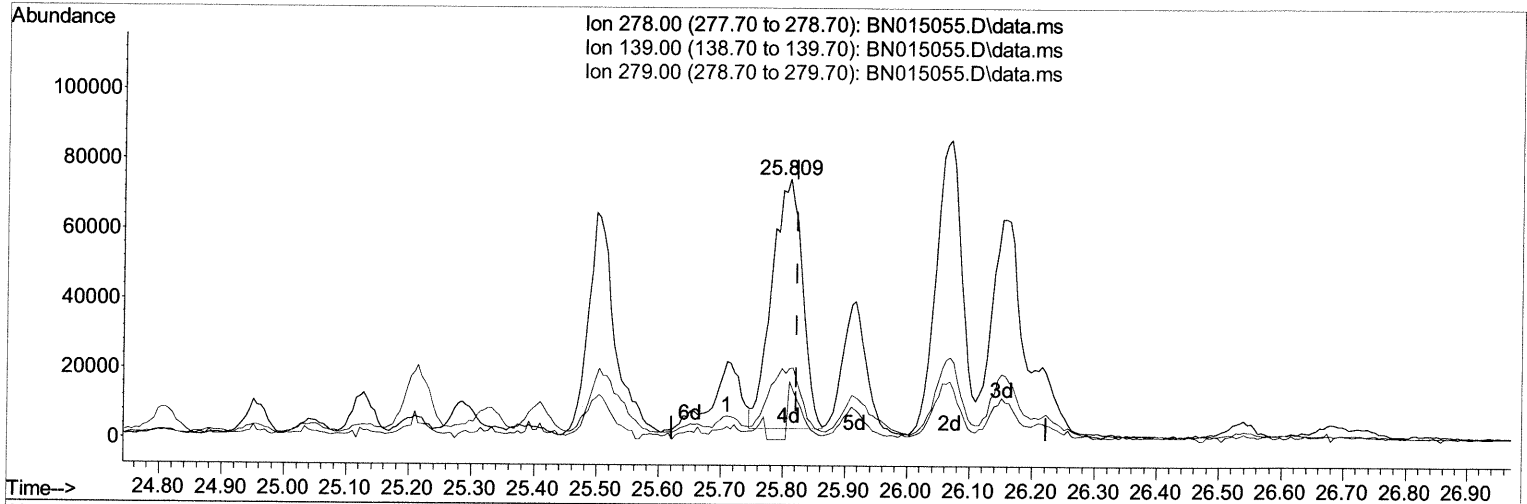
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015055.D  
 Acq On : 25 Jun 2021 00:26  
 Operator : CG/JU  
 Sample : M2682-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDM4

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:25 PM

Quant Time: Jun 25 01:24:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration



TIC: BN015055.D\data.ms

(95) Dibenzo(a,h)anthracene

25.809min (-0.012) 6.10 ng/ul m 06/29/21 JU

response 244268

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.50  | 22.32# |
| 279.00 | 25.30  | 27.19  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

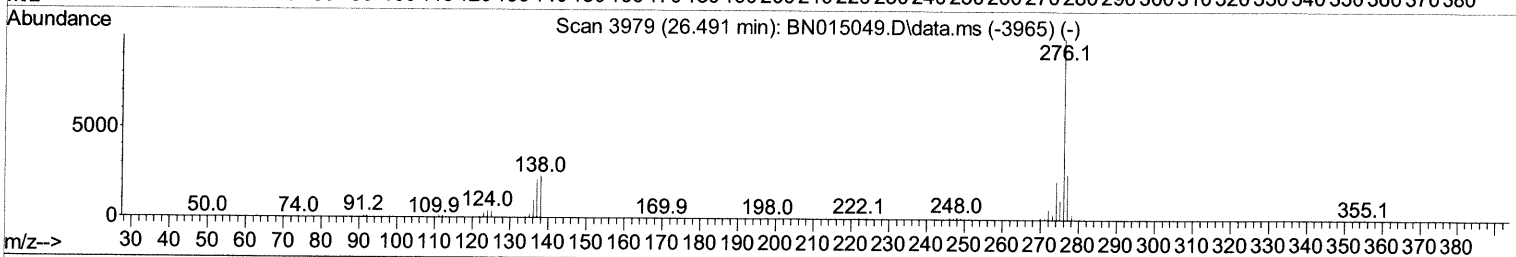
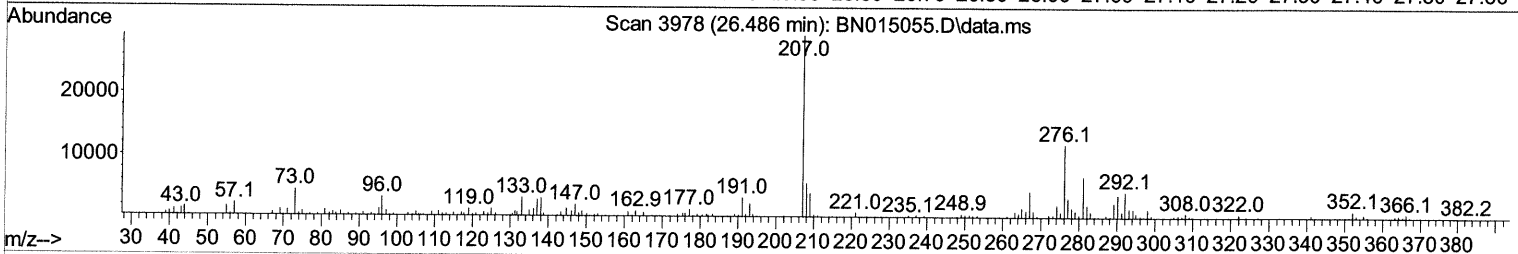
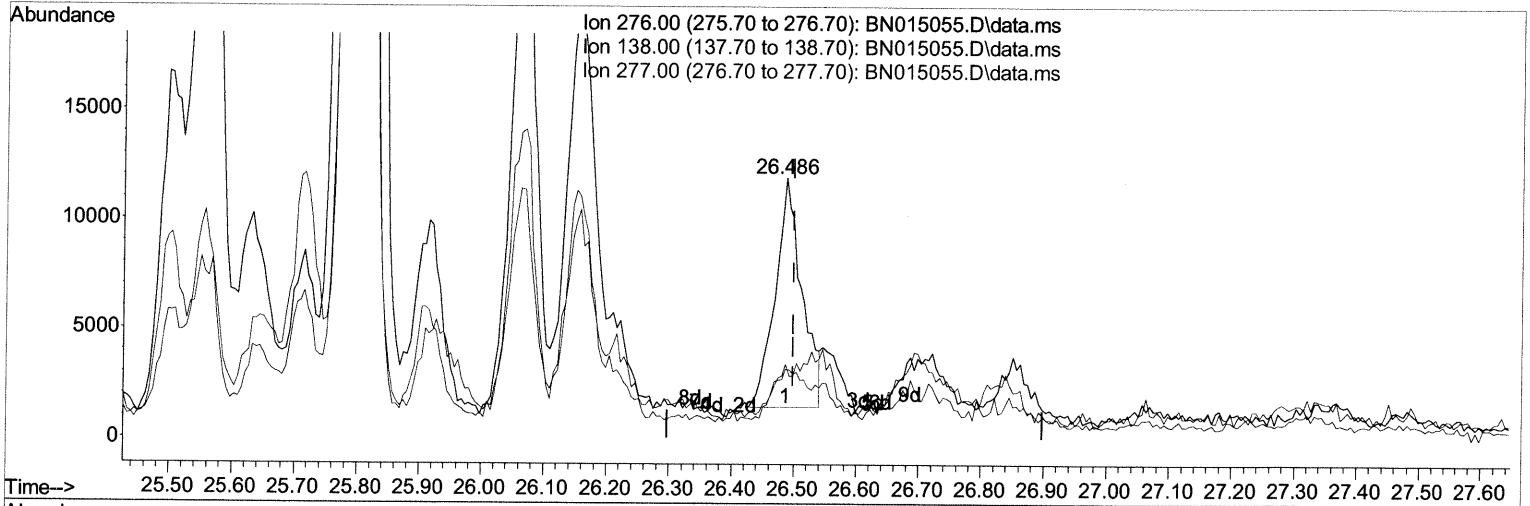
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015055.D  
 Acq On : 25 Jun 2021 00:26  
 Operator : CG/JU  
 Sample : M2682-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDM4

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:25 PM

Quant Time: Jun 25 01:24:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration



TIC: BN015055.D\data.ms

(96) Benzo(g,h,i)perylene

26.486min (-0.012) 0.74 ng/ul

response 31064

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 24.30  | 26.44  |
| 277.00 | 23.00  | 28.54# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

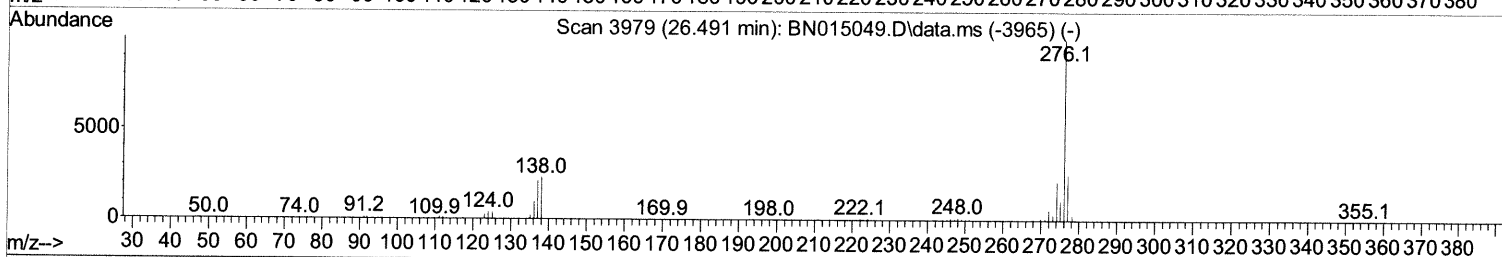
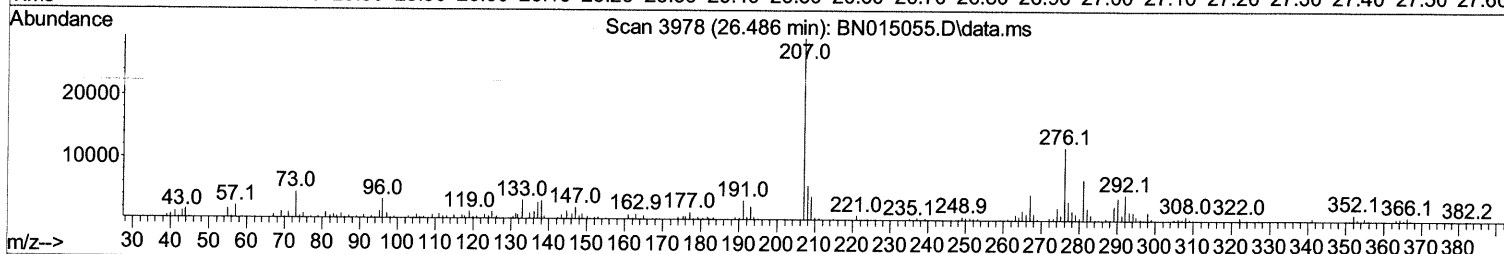
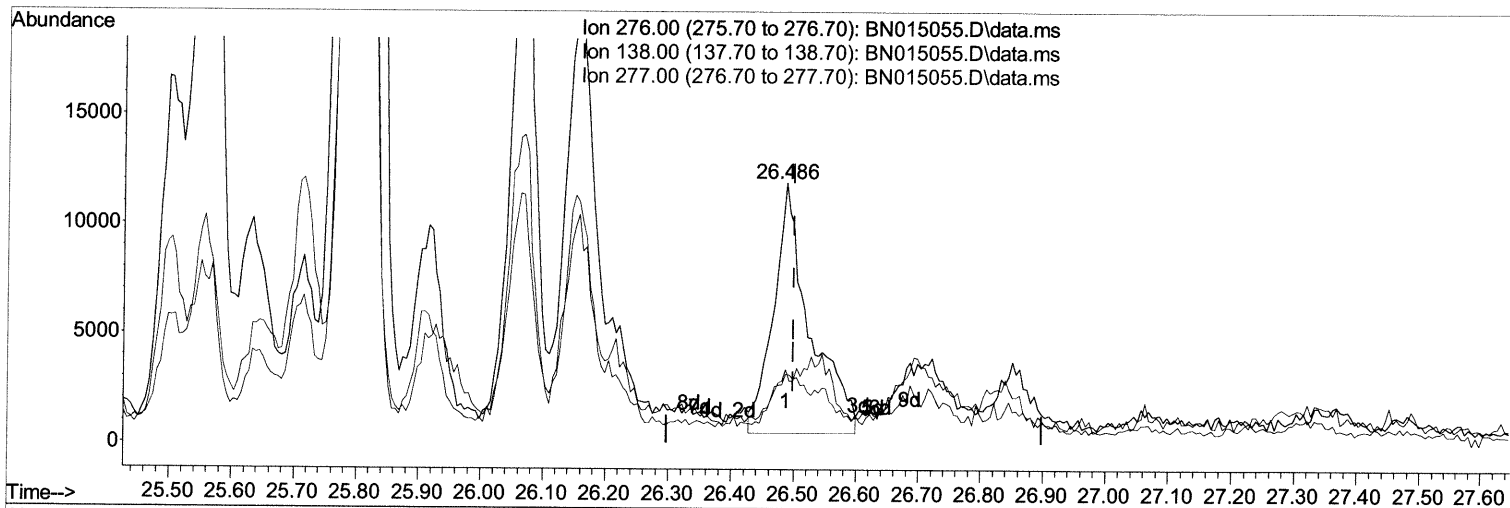
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015055.D  
 Acq On : 25 Jun 2021 00:26  
 Operator : CG/JU  
 Sample : M2682-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDM4

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:25 PM

Quant Time: Jun 25 01:24:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration



TIC: BN015055.D\data.ms

(96) Benzo(g,h,i)perylene

26.486min (-0.012) 1.11 ng/ul m 06/24/21 JU

response 46377

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 24.30  | 26.44  |
| 277.00 | 23.00  | 28.54# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015055.D  
 Acq On : 25 Jun 2021 00:26  
 Operator : CG/JU  
 Sample : M2682-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 BGDM4

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:12:25 PM

Quant Time: Jun 25 01:24:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 155122   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.499 | 136  | 632848   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.351 | 164  | 375059   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.098 | 188  | 733401   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 678936   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.545 | 264  | 727429   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.287  | 96   | 10368    | 2.601  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 91437    | 8.508  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 195871   | 14.548 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.063  | 67   | 116758   | 14.767 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.263  | 132  | 159320   | 15.606 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.422  | 113  | 122802   | 11.818 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.869  | 128  | 71963    | 16.623 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.587  | 143  | 71145    | 18.450 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 141163   | 15.510 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.628 | 131  | 149532   | 10.601 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.763 | 166  | 453160   | 17.595 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.040 | 160  | 563945   | 16.868 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.539 | 143  | 49083    | 10.926 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.345 | 176  | 396730   | 17.707 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 22580    | 7.455  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.198 | 188  | 605771   | 18.046 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.498 | 212  | 623757   | 17.528 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.398 | 264  | 500515   | 13.938 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 6.875  | 77   | 8770     | 1.401  | ng/ul  | 96       |
| 16) Acetophenone              | 8.540  | 105  | 21269    | 1.351  | ng/ul  | 100      |
| 50) Acenaphthylene            | 14.075 | 152  | 41211    | 1.306  | ng/ul  | 98       |
| 61) Fluorene                  | 15.404 | 166  | 26540    | 1.075  | ng/ul  | 95       |
| 72) Phenanthrene              | 17.139 | 178  | 937920   | 24.230 | ng/ul  | 99       |
| 74) Anthracene                | 17.228 | 178  | 320261   | 8.059  | ng/ul  | 98       |
| 77) Carbazole                 | 17.498 | 167  | 104405   | 2.915  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.163 | 202  | 2328395  | 54.203 | ng/ul  | 98       |
| 82) Pyrene                    | 19.527 | 202  | 1780158  | 39.759 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.280 | 228  | 1655162  | 39.415 | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.221 | 149  | 56253    | 2.201  | ng/ul# | 97       |
| 87) Chrysene                  | 21.333 | 228  | 1338645  | 32.372 | ng/ul  | 95       |
| 90) Benzo(b)fluoranthene      | 22.874 | 252  | 1891785  | 43.187 | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 22.910 | 252  | 772123   | 17.416 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.445 | 252  | 948973   | 23.835 | ng/ul  | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.804 | 276  | 741876   | 15.358 | ng/ul  | 94       |
| 95) Dibenzo(a,h)anthracene    | 25.809 | 278  | 244268m  | 6.101  | ng/ul  | 3        |
| 96) Benzo(g,h,i)perylene      | 26.486 | 276  | 46377m   | 1.111  | ng/ul  | 3        |

06/29/21 JU

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