

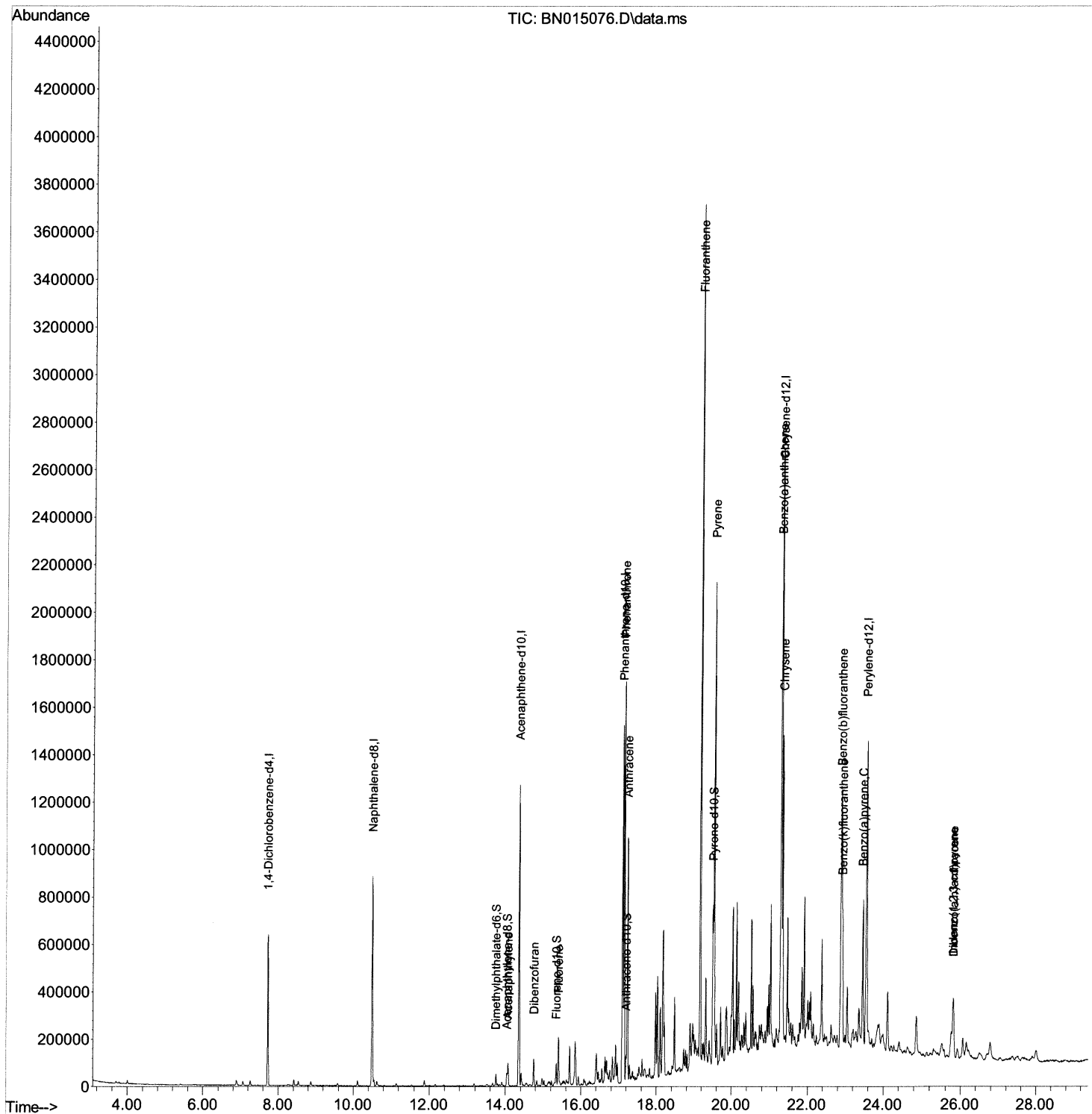
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
Data File : BN015076.D  
Acq On : 25 Jun 2021 14:07  
Operator : CG/JU  
Sample : M2682-02DL 10X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGDF3DL

Manual Integrations  
APPROVED

mohammad  
6/28/2021 1:24:55 PM

Quant Time: Jun 25 14:43:23 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)

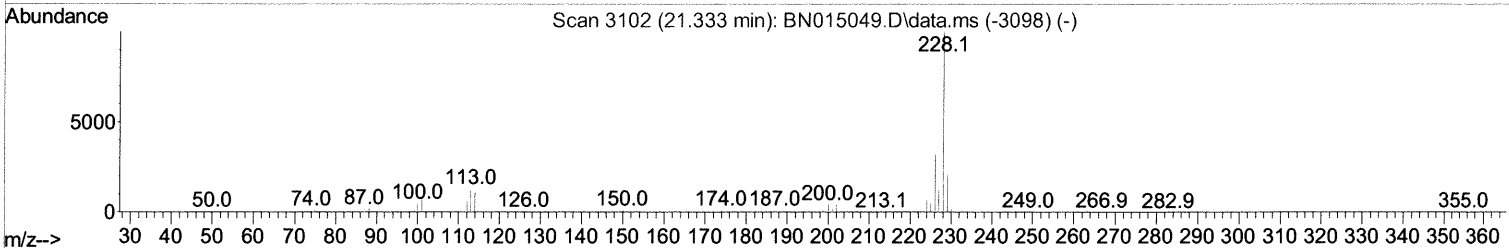
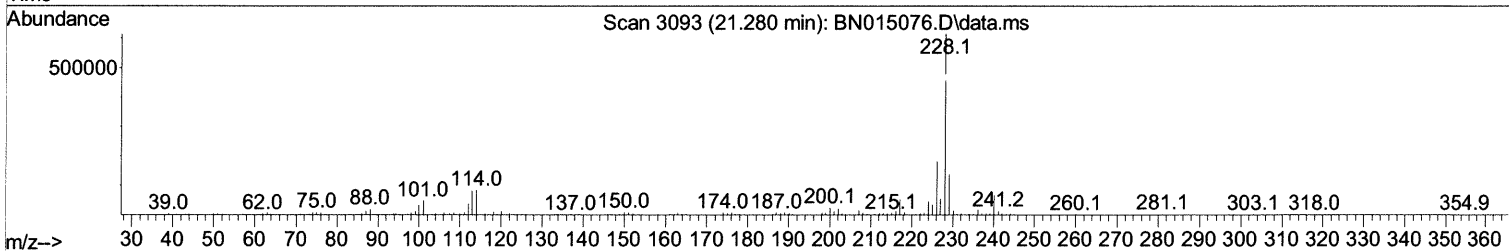
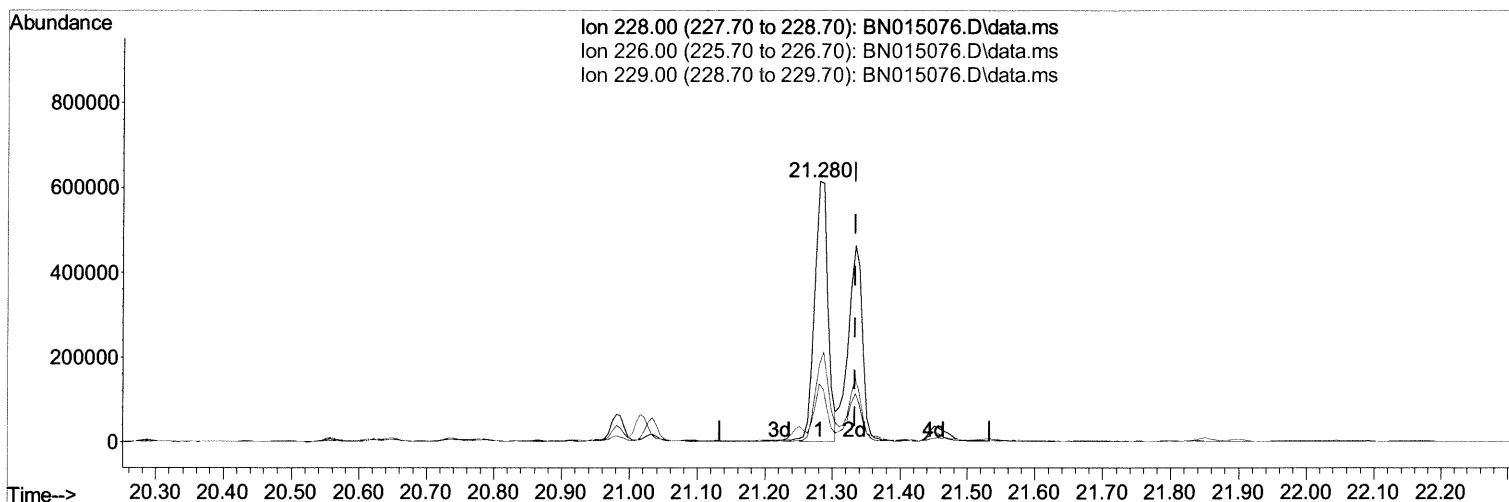
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TIC: BN015076.D\data.ms

(87) Chrysene

21.280min (-0.053) 17.07 ng/ul

response 854021

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 28.20  | 29.68  |
| 229.00 | 19.40  | 22.34  |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

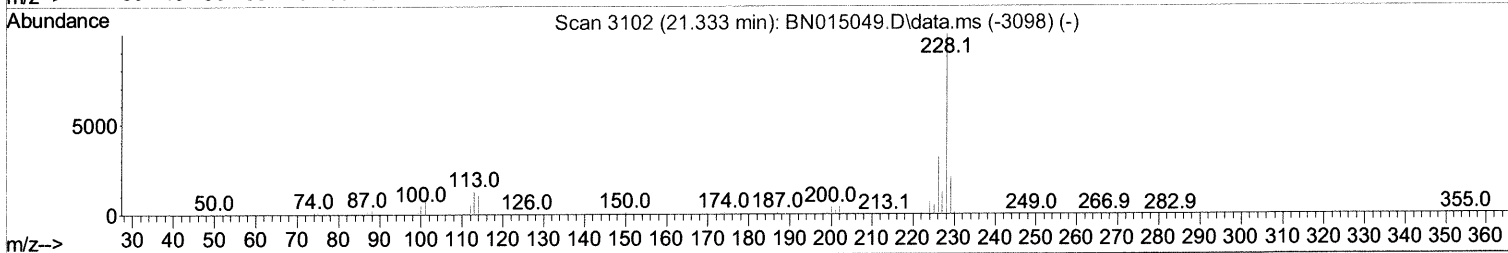
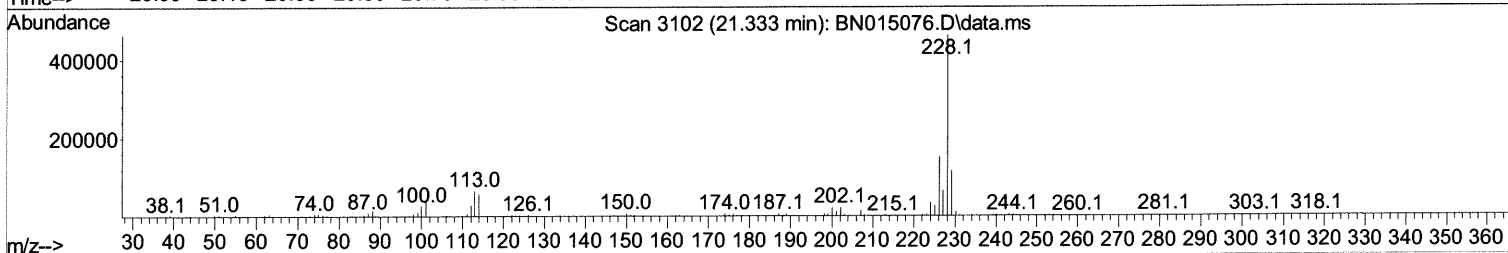
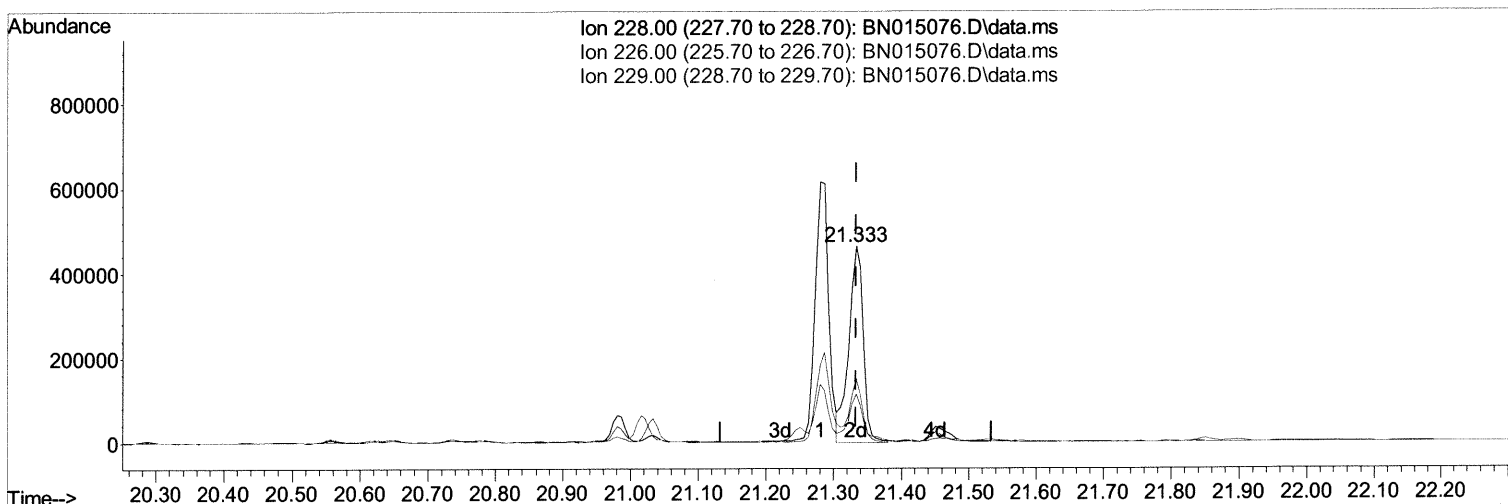
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
Data File : BN015076.D  
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TIC: BN015076.D\data.ms

(87) Chrysene

21.333min (+ 0.000) 13.67 ng/ul m 06/24/21 JU

response 683751

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 28.20  | 32.60  |
| 229.00 | 19.40  | 24.76# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

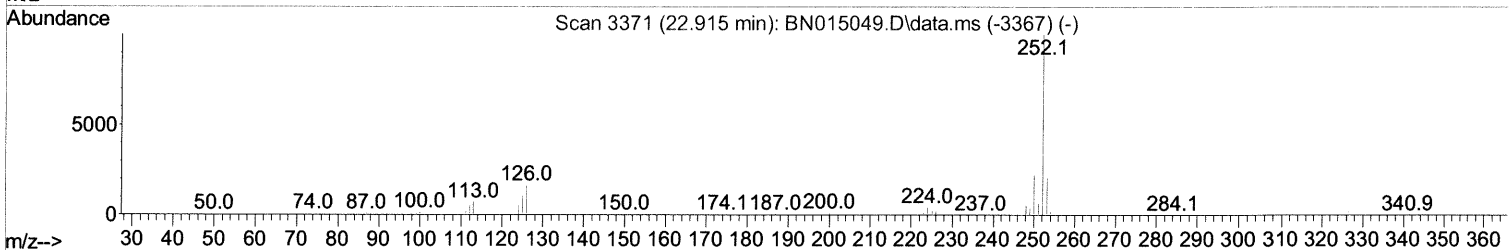
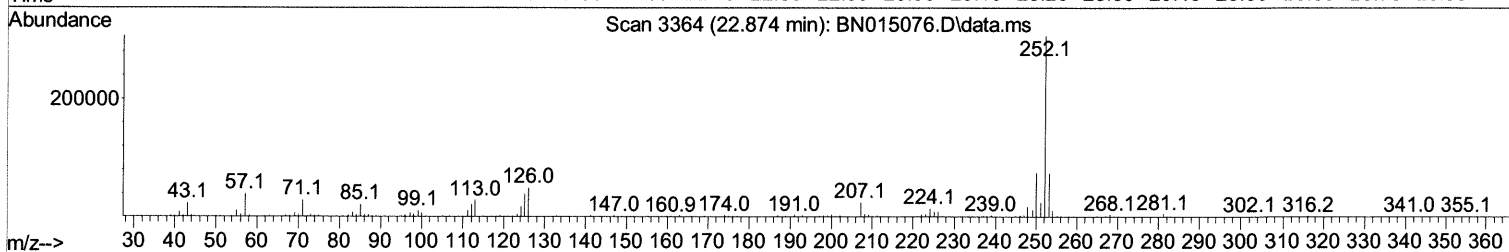
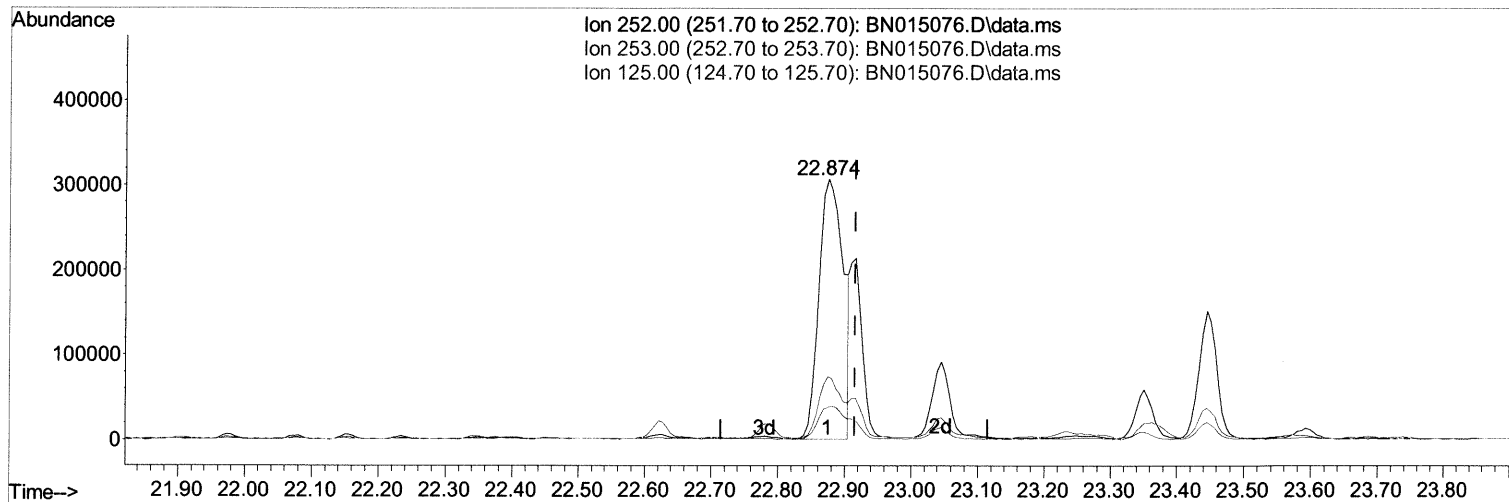
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
Data File : BN015076.D  
Acq On : 25 Jun 2021 14:07  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

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TIC: BN015076.D\data.ms

(91) Benzo(k)fluoranthene

22.874min (-0.041) 14.78 ng/ul

response 773707

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.50  | 24.26  |
| 125.00 | 11.00  | 12.51  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

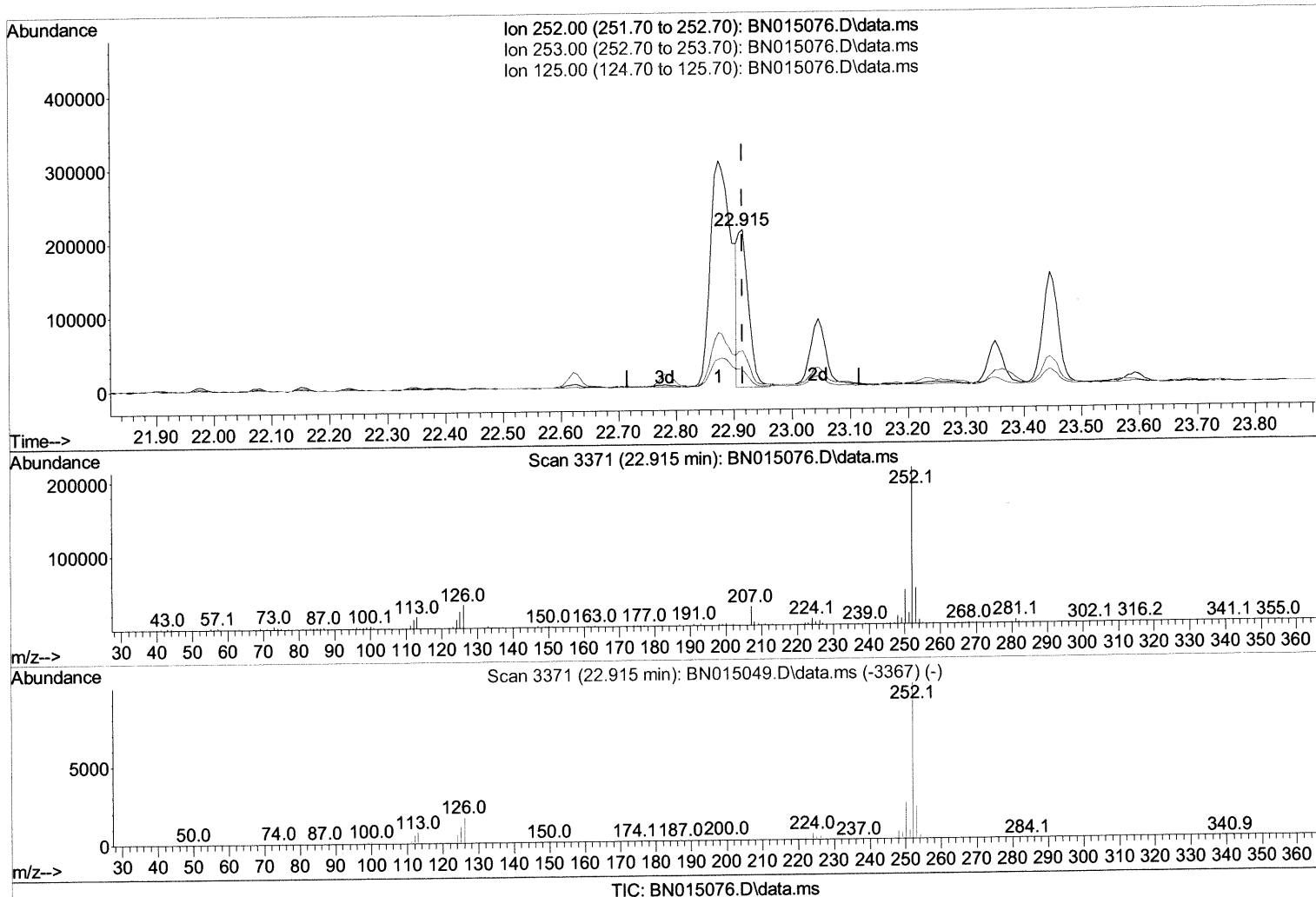
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
 Data File : BN015076.D  
 Acq On : 25 Jun 2021 14:07  
 Operator : CG/JU  
 Sample : M2682-02DL 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDF3DL

Manual Integrations  
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 Response via : Initial Calibration



(91) Benzo(k) fluoranthene

22.915min (+ 0.000) 5.16 ng/ul m 06/29/21JU

response 270214

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.50  | 22.81  |
| 125.00 | 11.00  | 10.74  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

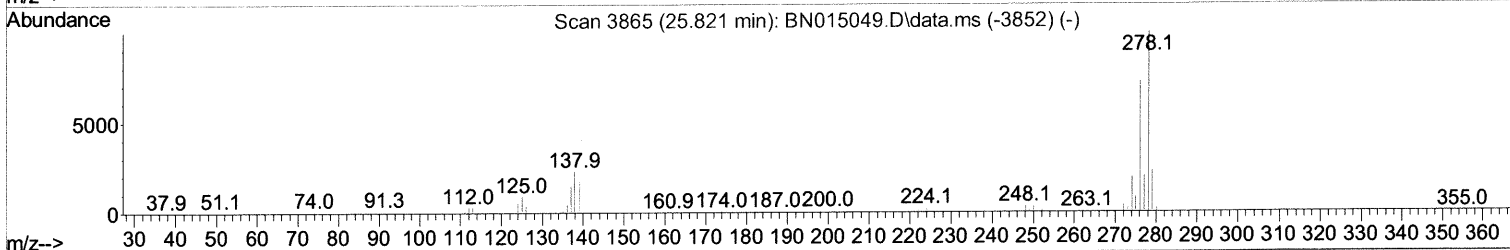
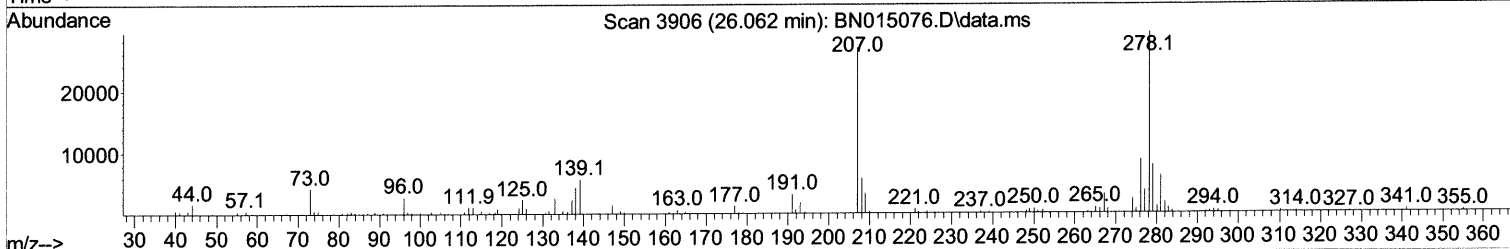
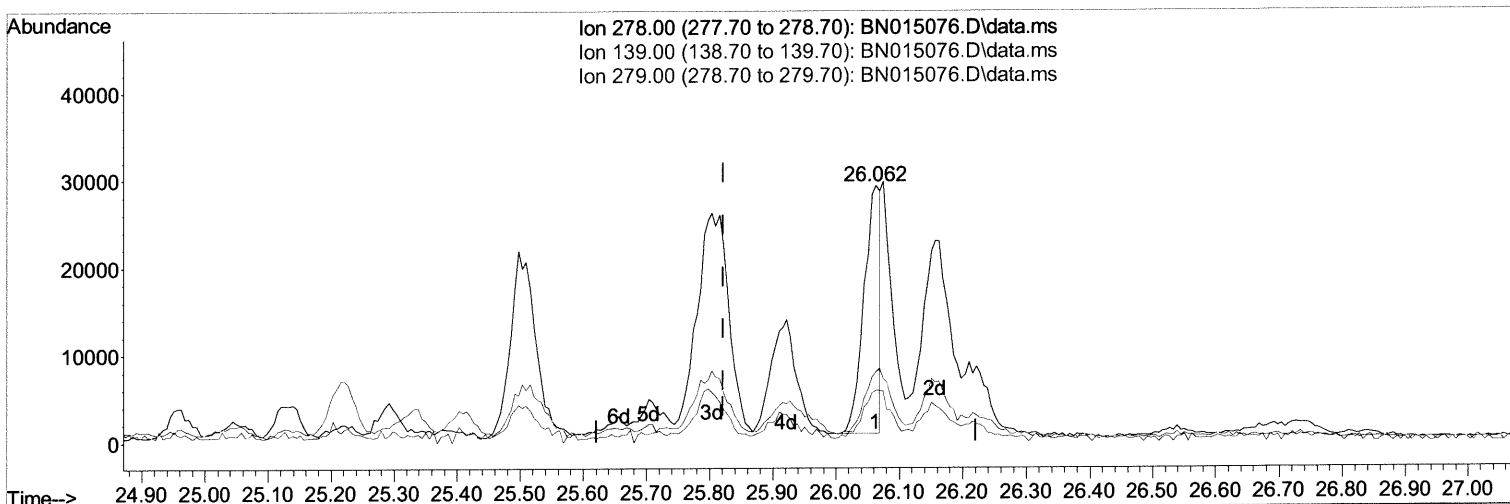
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
 Data File : BN015076.D  
 Acq On : 25 Jun 2021 14:07  
 Operator : CG/JU  
 Sample : M2682-02DL 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDF3DL

Manual Integrations  
 APPROVED

mohammad  
 6/28/2021 1:24:55 PM

Quant Time: Jun 25 14:43:23 2021  
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TIC: BN015076.D\data.ms

(95) Dibenzo(a,h)anthracene

26.062min (+ 0.241) 1.07 ng/ul

response 50381

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.50  | 19.92  |
| 279.00 | 25.30  | 27.33  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

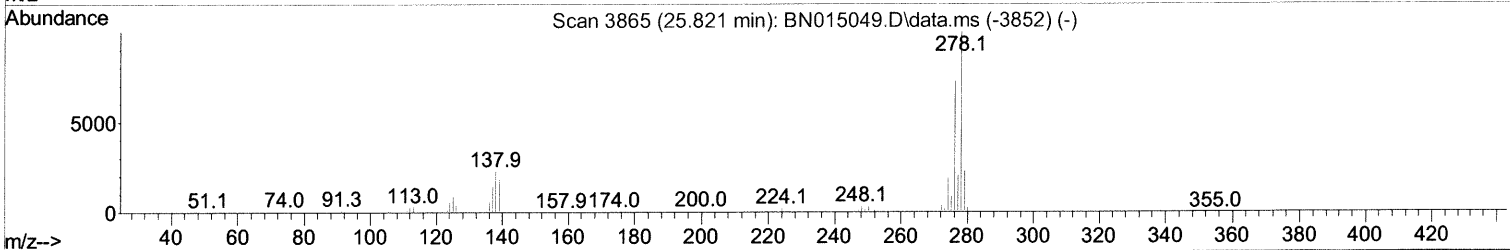
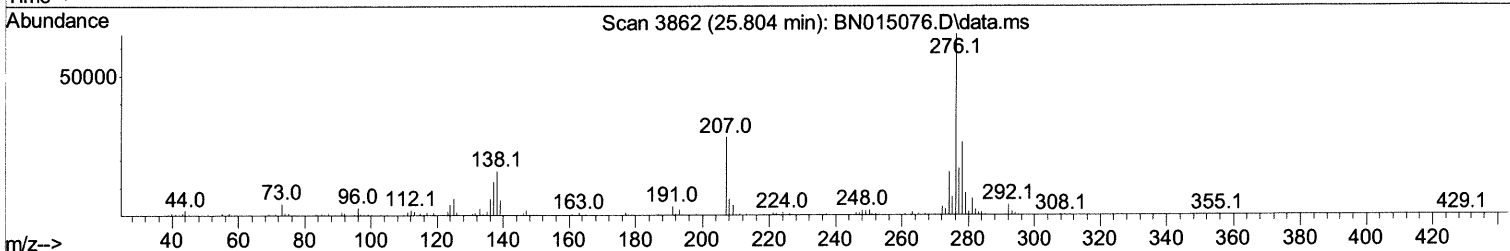
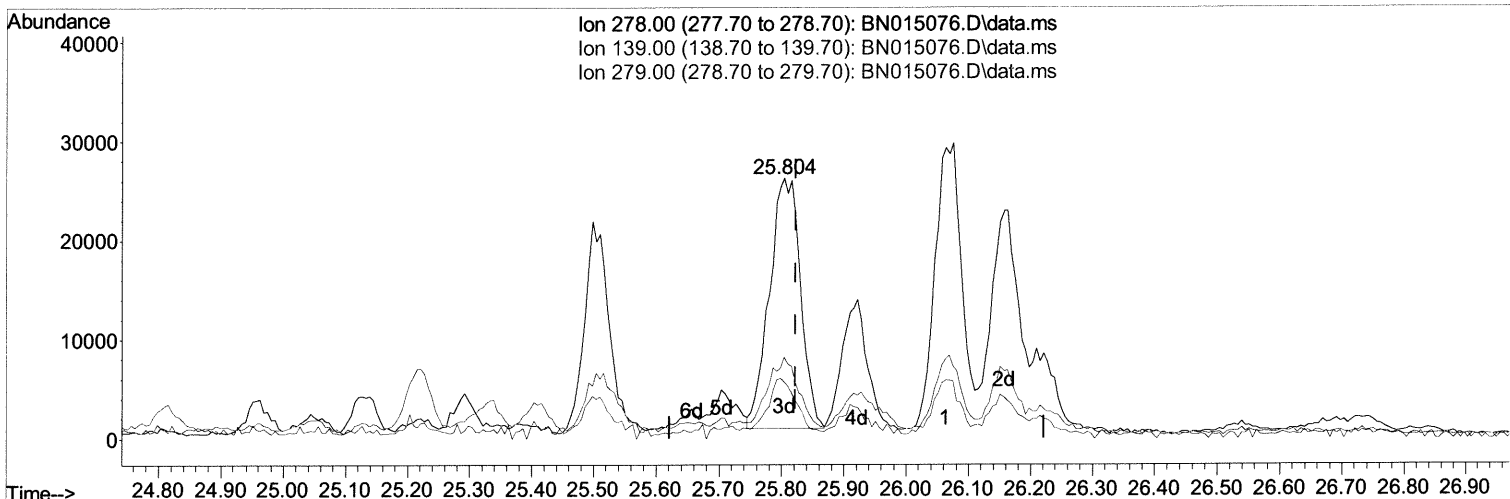
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
 Data File : BN015076.D  
 Acq On : 25 Jun 2021 14:07  
 Operator : CG/JU  
 Sample : M2682-02DL 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDF3DL

Manual Integrations  
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mohammad  
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TIC: BN015076.D\data.ms

(95) Dibenzo(a,h)anthracene

25.804min (-0.018) 1.84 ng/ul m 06/29/21ju

response 87127

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.50  | 21.85  |
| 279.00 | 25.30  | 31.24# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
 Data File : BN015076.D  
 Acq On : 25 Jun 2021 14:07  
 Operator : CG/JU  
 Sample : M2682-02DL 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 BGDF3DL

Manual Integrations  
 APPROVED

mohammad  
 6/28/2021 1:24:55 PM

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc   | Units   | Dev(Min)    |
|-------------------------------|--------|------|-----------|--------|---------|-------------|
| Internal Standards            |        |      |           |        |         |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 174739    | 20.000 | ng/ul   | 0.00        |
| 20) Naphthalene-d8            | 10.499 | 136  | 720072    | 20.000 | ng/ul   | 0.00        |
| 38) Acenaphthene-d10          | 14.351 | 164  | 426044    | 20.000 | ng/ul   | 0.00        |
| 64) Phenanthrene-d10          | 17.098 | 188  | 856678    | 20.000 | ng/ul   | 0.00        |
| 79) Chrysene-d12              | 21.298 | 240  | 821455    | 20.000 | ng/ul   | 0.00        |
| 88) Perylene-d12              | 23.545 | 264  | 858700    | 20.000 | ng/ul   | 0.00        |
| System Monitoring Compounds   |        |      |           |        |         |             |
| 3) 1,4-Dioxane-d8             | 3.287  | 96   | 764       | 0.170  | ng/ul   | 0.00        |
| 4) Pyridine-d5                | 0.000  | 84   | 0d        | 0.000  | ng/ul   |             |
| 7) Phenol-d5                  | 6.893  | 99   | 11286     | 0.744  | ng/ul   | 0.00        |
| 9) Bis-(2-Chloroethyl)eth...  | 7.063  | 67   | 7453      | 0.837  | ng/ul   | 0.00        |
| 11) 2-Chlorophenol-d4         | 7.263  | 132  | 9112      | 0.792  | ng/ul   | 0.00        |
| 15) 4-Methylphenol-d8         | 8.416  | 113  | 9242      | 0.790  | ng/ul   | 0.00        |
| 21) Nitrobenzene-d5           | 8.869  | 128  | 3909      | 0.794  | ng/ul   | 0.00        |
| 24) 2-Nitrophenol-d4          | 9.587  | 143  | 3266      | 0.744  | ng/ul   | 0.00        |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 8237      | 0.795  | ng/ul   | 0.00        |
| 31) 4-Chloroaniline-d4        | 10.634 | 131  | 10722     | 0.668  | ng/ul   | 0.00        |
| 46) Dimethylphthalate-d6      | 13.757 | 166  | 32133     | 1.098  | ng/ul   | 0.00        |
| 49) Acenaphthylene-d8         | 14.045 | 160  | 38526     | 1.014  | ng/ul   | 0.00        |
| 54) 4-Nitrophenol-d4          | 14.539 | 143  | 2488      | 0.488  | ng/ul   | 0.00        |
| 60) Fluorene-d10              | 15.345 | 176  | 31102     | 1.222  | ng/ul   | 0.00        |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 473       | 0.134  | ng/ul   | 0.00        |
| 73) Anthracene-d10            | 17.198 | 188  | 52153     | 1.330  | ng/ul   | 0.00        |
| 81) Pyrene-d10                | 19.498 | 212  | 45623     | 1.060  | ng/ul   | 0.00        |
| 92) Benzo(a)pyrene-d12        | 23.398 | 264  | 31457     | 0.742  | ng/ul   | 0.00        |
| Target Compounds              |        |      |           |        |         |             |
|                               |        |      |           |        | Qvalue  |             |
| 50) Acenaphthylene            | 14.069 | 152  | 67904     | 1.895  | ng/ul   | 97          |
| 56) Dibenzofuran              | 14.751 | 168  | 57943     | 1.636  | ng/ul   | 97          |
| 61) Fluorene                  | 15.398 | 166  | 86183     | 3.074  | ng/ul   | 99          |
| 72) Phenanthrene              | 17.139 | 178  | 994305    | 21.990 | ng/ul   | 99          |
| 74) Anthracene                | 17.233 | 178  | 630728    | 13.588 | ng/ul   | 99          |
| 80) Fluoranthene              | 19.163 | 202  | 2136578   | 41.108 | ng/ul   | 98          |
| 82) Pyrene                    | 19.527 | 202  | 1208290   | 22.305 | ng/ul   | 98          |
| 85) Benzo(a)anthracene        | 21.280 | 228  | 835402    | 16.442 | ng/ul#  | 91          |
| 87) Chrysene                  | 21.333 | 228  | 683751m > | 13.666 | ng/ul > | 06/24/21 JU |
| 90) Benzo(b)fluoranthene      | 22.874 | 252  | 773707    | 14.963 | ng/ul   | 97          |
| 91) Benzo(k)fluoranthene      | 22.915 | 252  | 270214m > | 5.163  | ng/ul > | 06/24/21 JU |
| 93) Benzo(a)pyrene            | 23.445 | 252  | 282223    | 6.005  | ng/ul   | 93          |
| 94) Indeno(1,2,3-cd)pyrene    | 25.798 | 276  | 199362    | 3.496  | ng/ul   | 96          |
| 95) Dibenzo(a,h)anthracene    | 25.804 | 278  | 87127m >  | 1.843  | ng/ul > | 06/24/21 JU |

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