

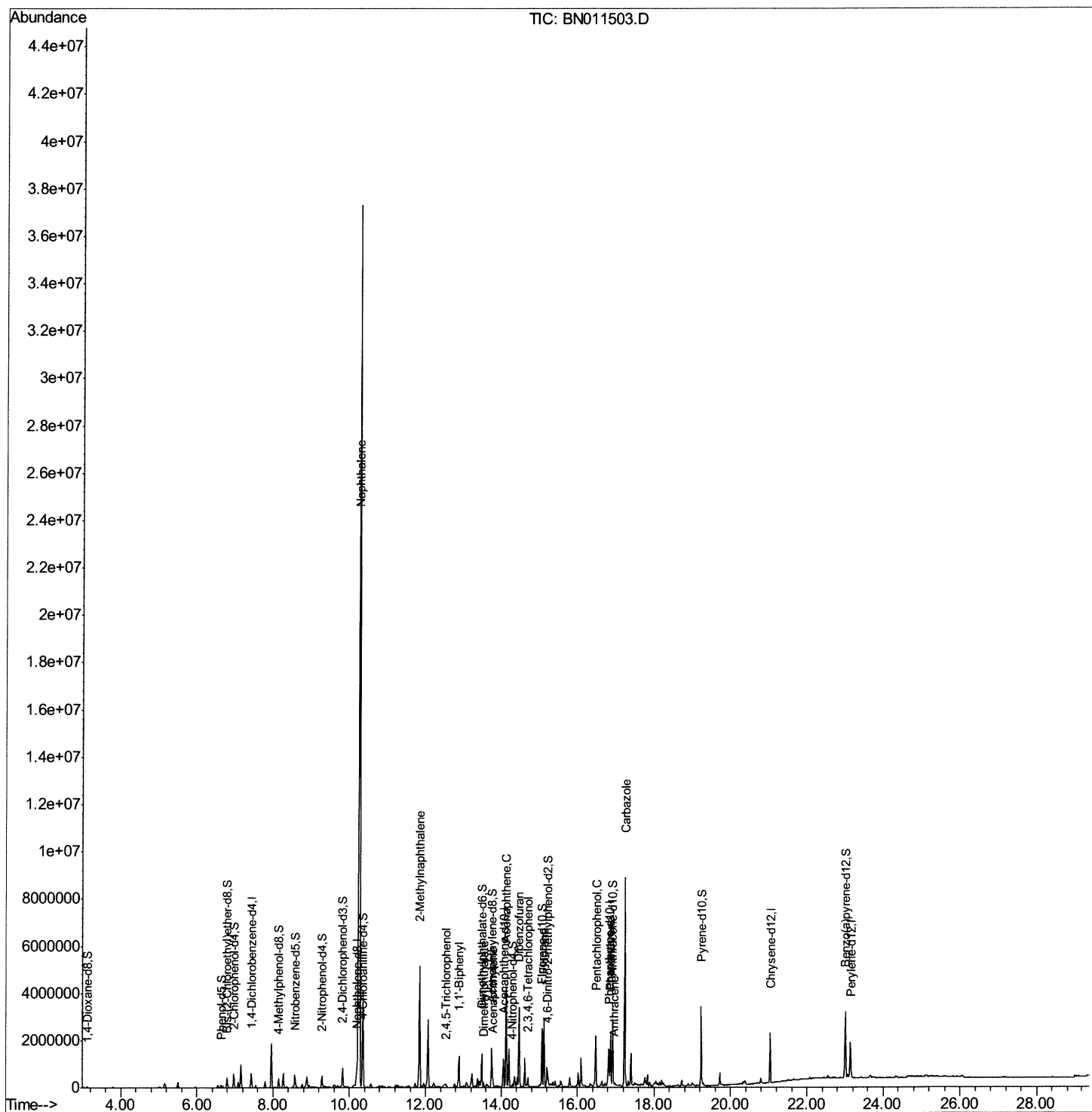
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081720\  
Data File : BN011503.D  
Acq On : 19 Aug 2020 02:16  
Operator : CG/JU  
Sample : L3668-13  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFX3

Manual Integrations  
APPROVED

mohammad  
8/19/2020 2:20:14 PM

Quant Time: Aug 19 05:24:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 19 02:19:14 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

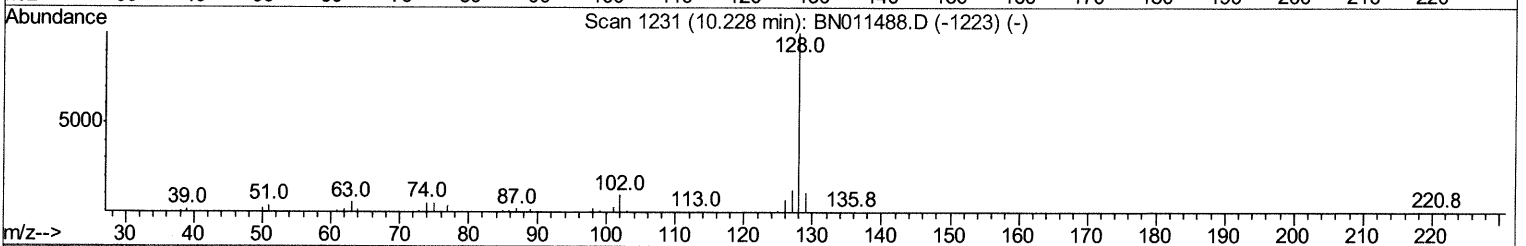
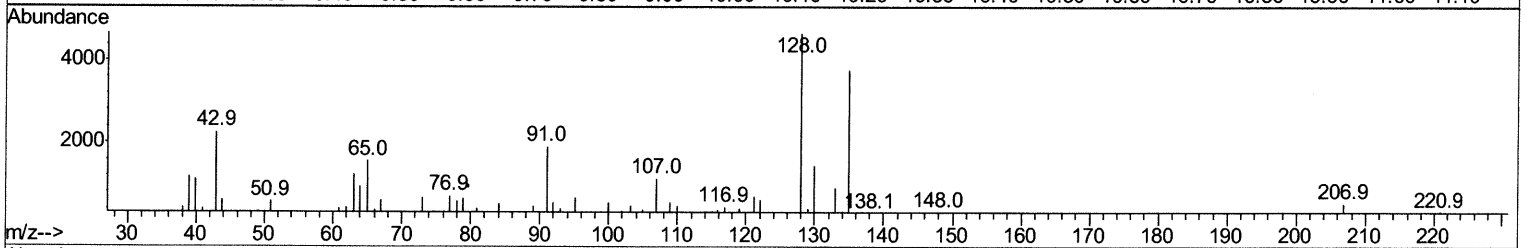
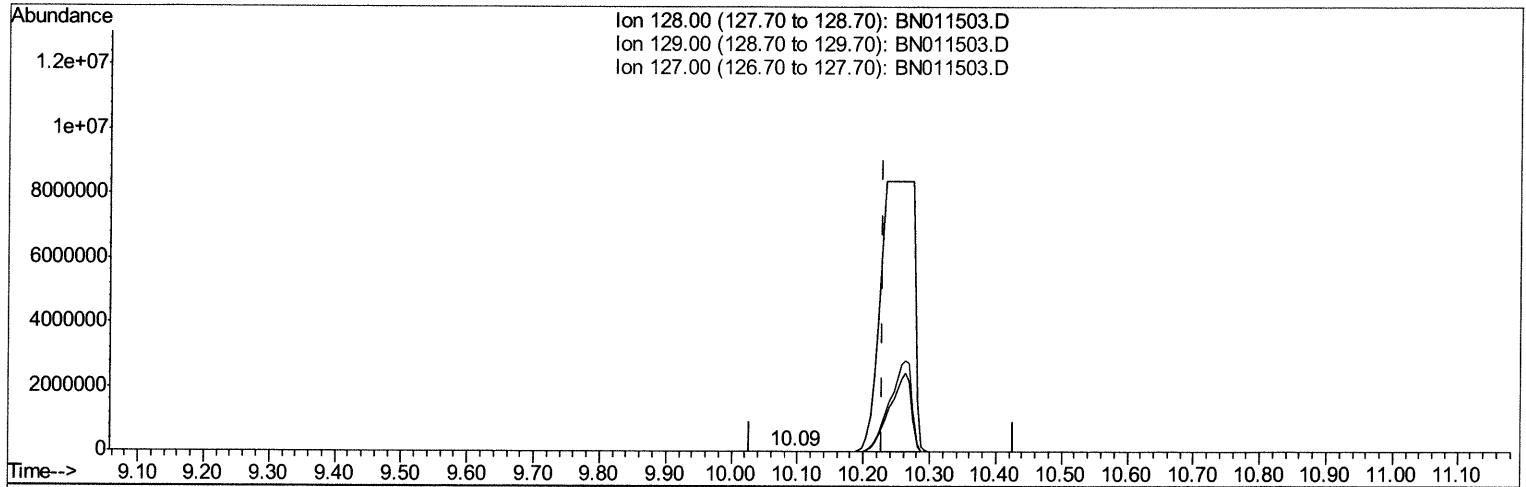
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\  
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mohammad  
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Quant Time: Aug 19 05:21:45 2020  
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 Quant Title : SVOA CALIBRATION  
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TIC: BN011503.D

(28) Naphthalene

10.092min (-0.136) 0.25ng/ul

response 9101

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 100   |
| 129.00 | 11.10 | 8.61# |
| 127.00 | 12.70 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

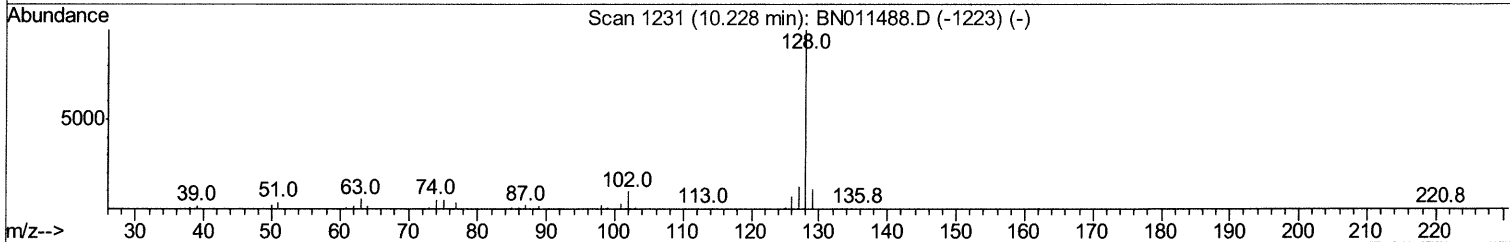
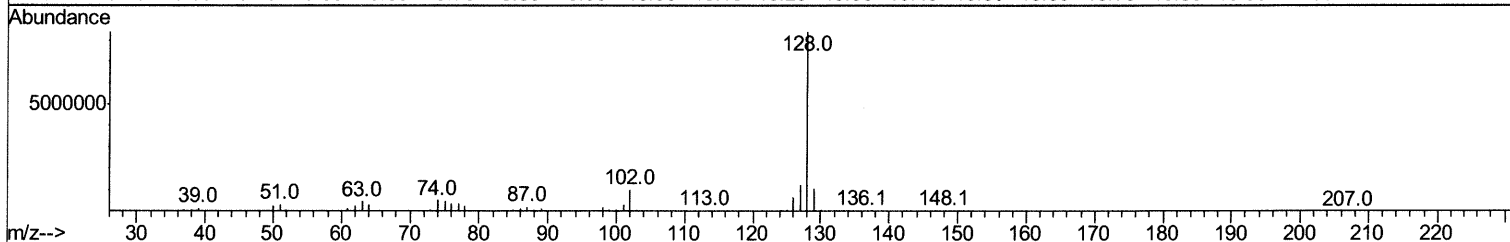
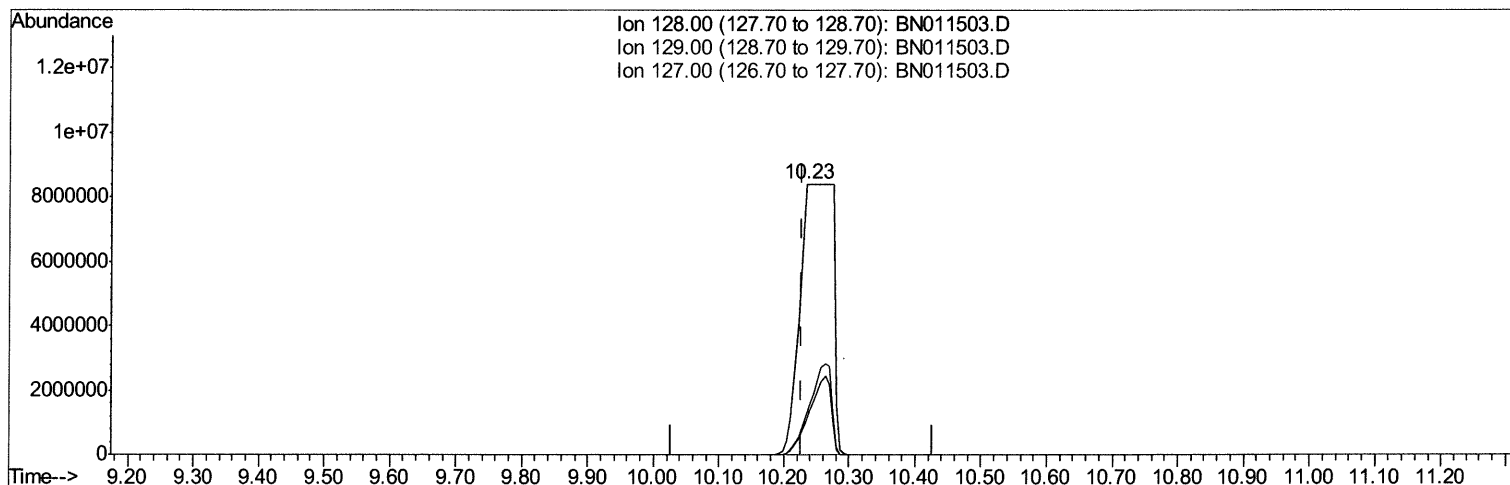
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\  
 Data File : BN011503.D  
 Acq On : 19 Aug 2020 02:16  
 Operator : CG/JU  
 Sample : L3668-13  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFX3

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:20:14 PM

Quant Time: Aug 19 05:21:45 2020  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 19 02:19:14 2020  
 Response via : Initial Calibration



TIC: BN011503.D

(28) Naphthalene

10.233min (+0.006) 793.93ng/ul m 08/21/2020 JU

response 29414928

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 100   |
| 129.00 | 11.10 | 12.26 |
| 127.00 | 12.70 | 14.39 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

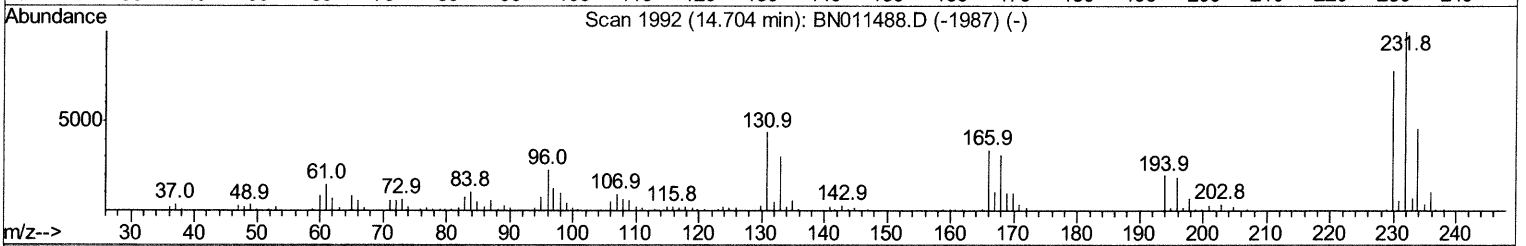
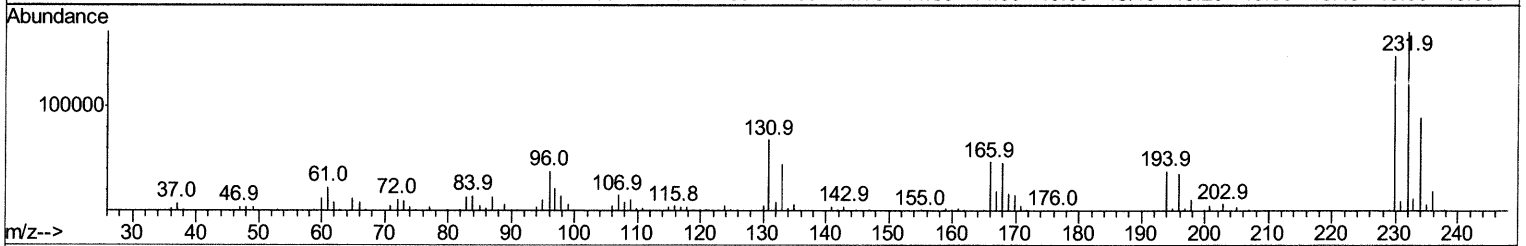
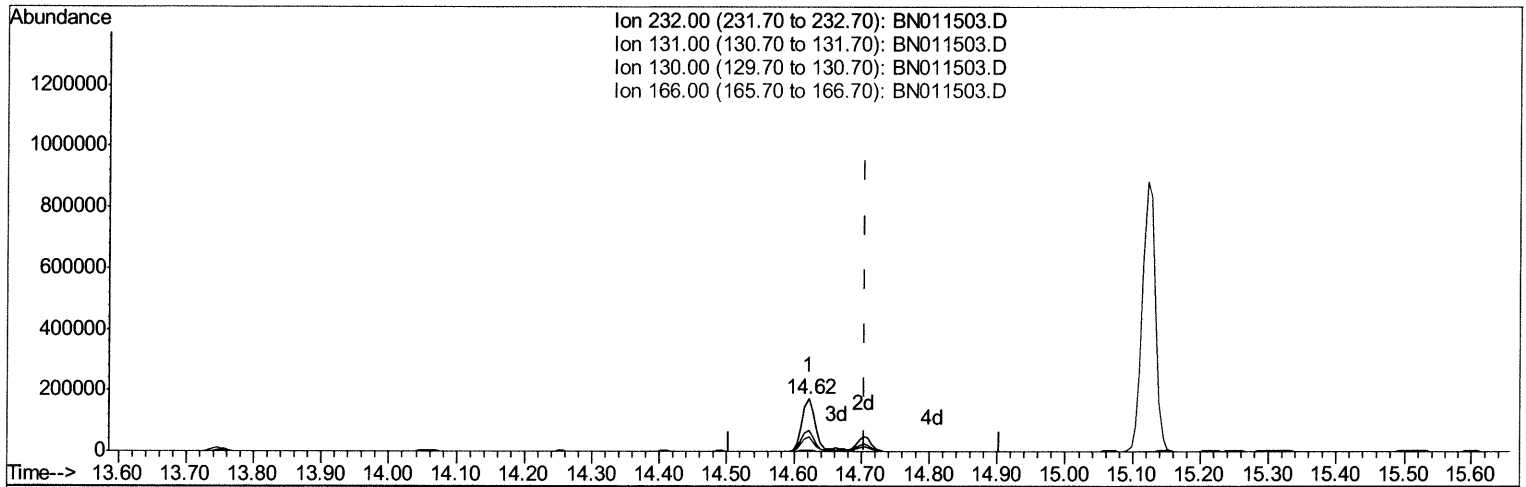
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\  
 Data File : BN011503.D  
 Acq On : 19 Aug 2020 02:16  
 Operator : CG/JU  
 Sample : L3668-13  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 DBFX3

**Manual Integrations**  
**APPROVED**

mohammad  
 8/19/2020 2:20:14 PM

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 Response via : Initial Calibration



TIC: BN011503.D

(56) 2,3,4,6-Tetrachlorophenol

14.622min (-0.083) 33.42ng/ul

response 236873

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 232.00 | 100   | 100   |
| 131.00 | 44.70 | 39.73 |
| 130.00 | 2.70  | 2.63  |
| 166.00 | 30.10 | 27.45 |

# Quantitation Report (Qedit)

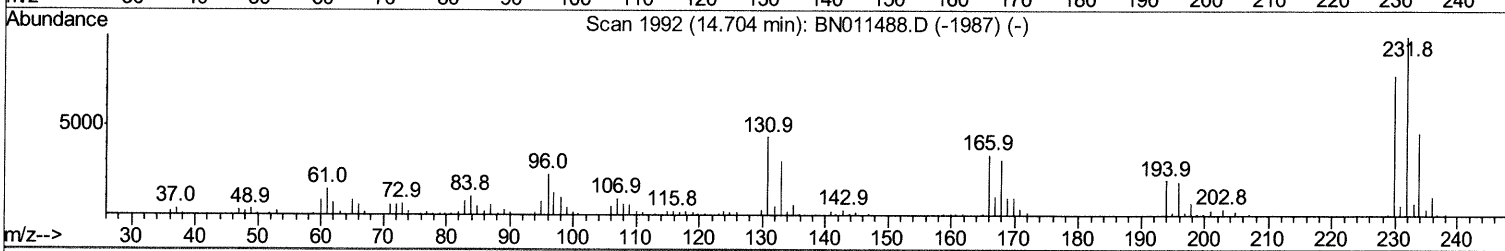
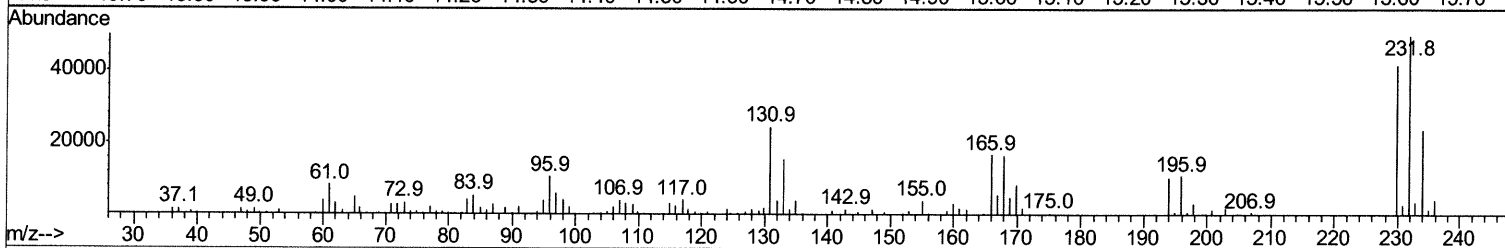
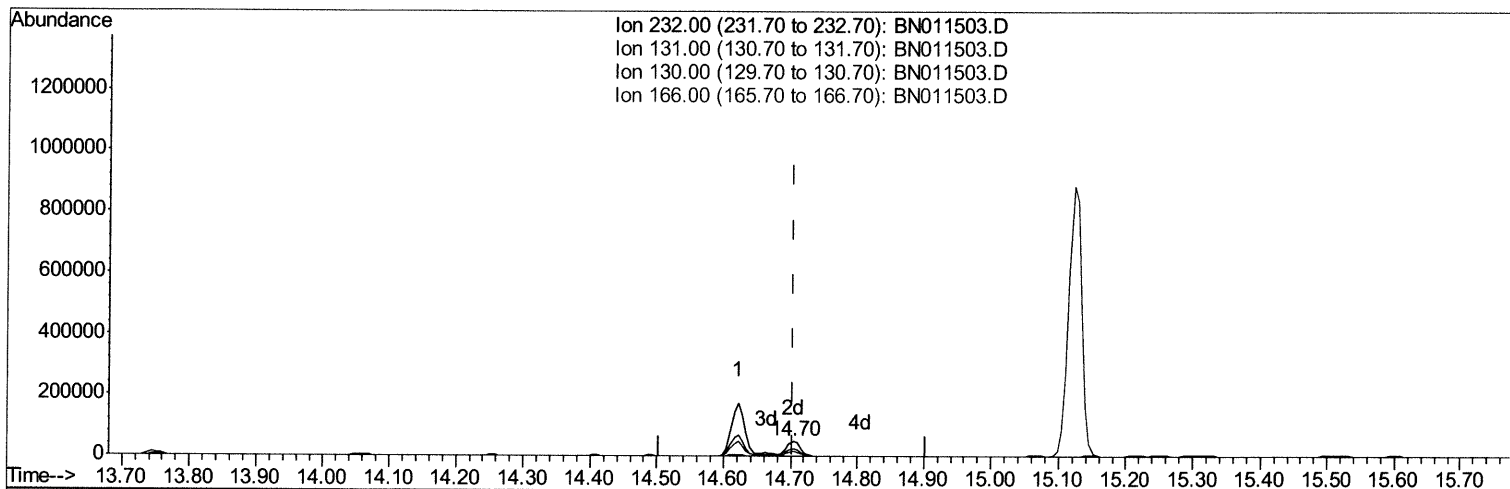
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\  
 Data File : BN011503.D  
 Acq On : 19 Aug 2020 02:16  
 Operator : CG/JU  
 Sample : L3668-13  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFX3

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:20:14 PM

Quant Time: Aug 19 05:21:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 19 02:19:14 2020  
 Response via : Initial Calibration



TIC: BN011503.D

(56) 2,3,4,6-Tetrachlorophenol

14.704min (-0.000) 10.06ng/ul m 08/21/2020 JU

response 71325

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 232.00 | 100   | 100   |
| 131.00 | 44.70 | 49.16 |
| 130.00 | 2.70  | 4.08# |
| 166.00 | 30.10 | 33.77 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081720\  
 Data File : BN011503.D  
 Acq On : 19 Aug 2020 02:16  
 Operator : CG/JU  
 Sample : L3668-13  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFX3

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:20:14 PM

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 19 02:19:14 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 171690   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.19 | 136  | 663890   | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.06 | 164  | 381694   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.82 | 188  | 914609   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.03 | 240  | 958912   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.14 | 264  | 974714   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 19900   | 5.56  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.63  | 99  | 77504   | 6.38  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 173649  | 28.06 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.97  | 132 | 256577  | 23.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.14  | 113 | 137041  | 13.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.57  | 128 | 136954  | 26.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.28  | 143 | 172420  | 29.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.82  | 165 | 293844  | 26.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.33 | 131 | 37565   | 2.87  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.49 | 166 | 962829  | 32.40 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.75 | 160 | 1122836 | 31.39 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.30 | 143 | 30813   | 6.12  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.07 | 176 | 944655  | 36.31 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 202126  | 33.32 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.92 | 188 | 1443357 | 33.04 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.23 | 212 | 1657722 | 33.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.02 | 264 | 1823448 | 33.69 | ng/ul | 0.00 |

## Target Compounds

|                               |       |     |           |          |        | Ovalue          |
|-------------------------------|-------|-----|-----------|----------|--------|-----------------|
| 28) Naphthalene               | 10.23 | 128 | 29414928m | >793.931 | ng/ul  | > 08/21/2020 JU |
| 34) 2-Methylnaphthalene       | 11.85 | 142 | 2399492   | 94.482   | ng/ul  | 97              |
| 40) 2,4,5-Trichlorophenol     | 12.55 | 196 | 20490     | 2.413    | ng/ul  | 93              |
| 41) 1,1'-Biphenyl             | 12.89 | 154 | 662852    | 21.638   | ng/ul  | 99              |
| 45) Dimethylphthalate         | 13.53 | 163 | 147068    | 4.821    | ng/ul  | 97              |
| 48) Acenaphthylene            | 13.77 | 152 | 176921    | 4.776    | ng/ul  | 98              |
| 50) Acenaphthene              | 14.13 | 153 | 1613658   | 62.225   | ng/ul  | 99              |
| 54) Dibenzofuran              | 14.47 | 168 | 2017456   | 53.643   | ng/ul  | 99              |
| 56) 2,3,4,6-Tetrachlorophenol | 14.70 | 232 | 71325m    | > 10.062 | ng/ul  | > 08/21/2020 JU |
| 59) Fluorene                  | 15.12 | 166 | 1191432   | 39.305   | ng/ul  | 99              |
| 69) Pentachlorophenol         | 16.48 | 266 | 219673    | 33.094   | ng/ul# | 82              |
| 70) Phenanthrene              | 16.86 | 178 | 1198156   | 22.086   | ng/ul  | 98              |
| 72) Anthracene                | 16.95 | 178 | 91382     | 1.663    | ng/ul  | 98              |
| 75) Carbazole                 | 17.24 | 167 | 5410259   | 117.087  | ng/ul  | 98              |

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