

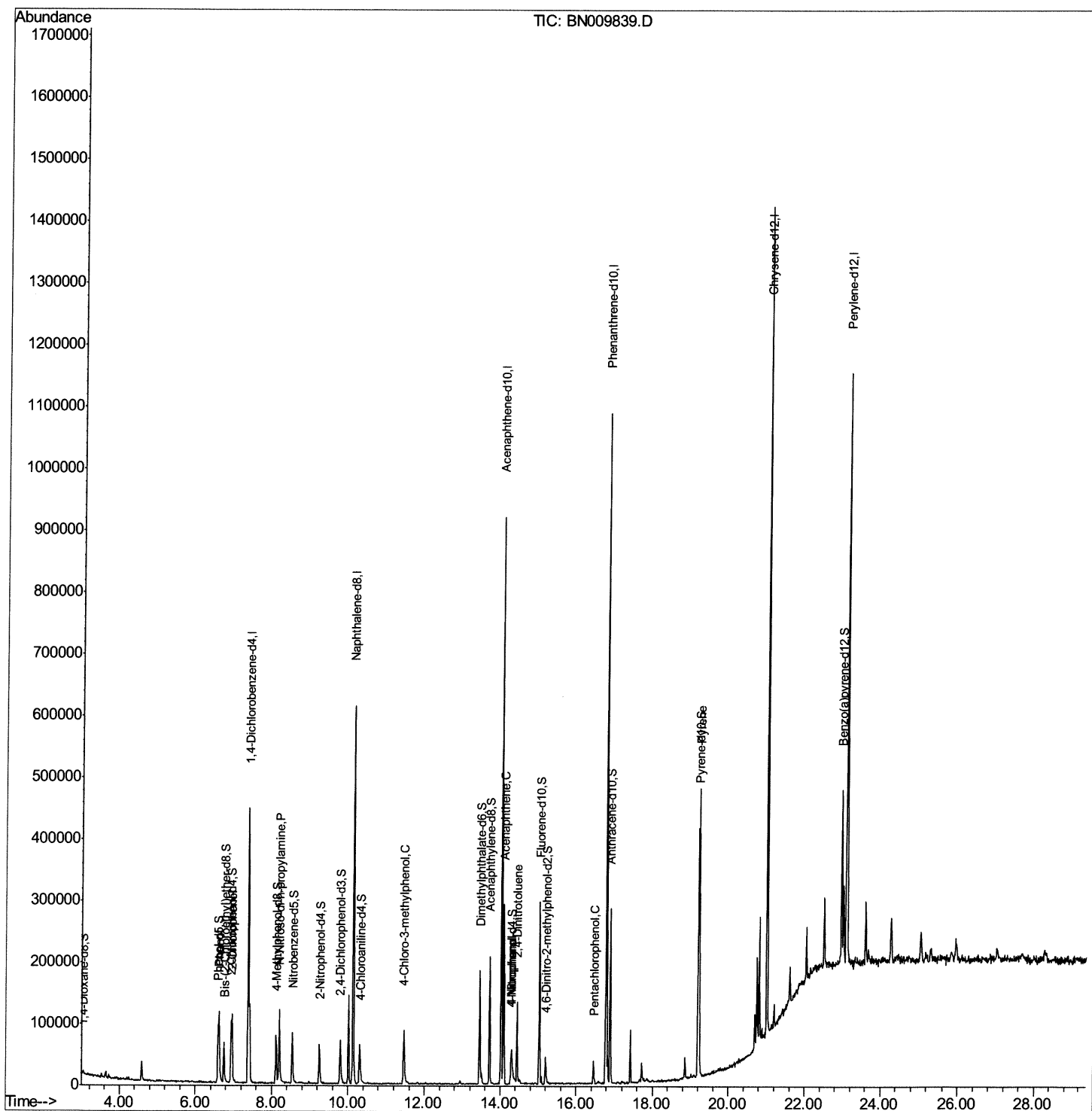
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009839.D  
Acq On : 22 Feb 2020 10:37  
Operator : CG/JU  
Sample : L1516-03MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD21MSD

Manual Integrations  
APPROVED

mohammad  
2/24/2020 4:49:01 PM

Quant Time: Feb 24 01:21:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 04:46:48 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

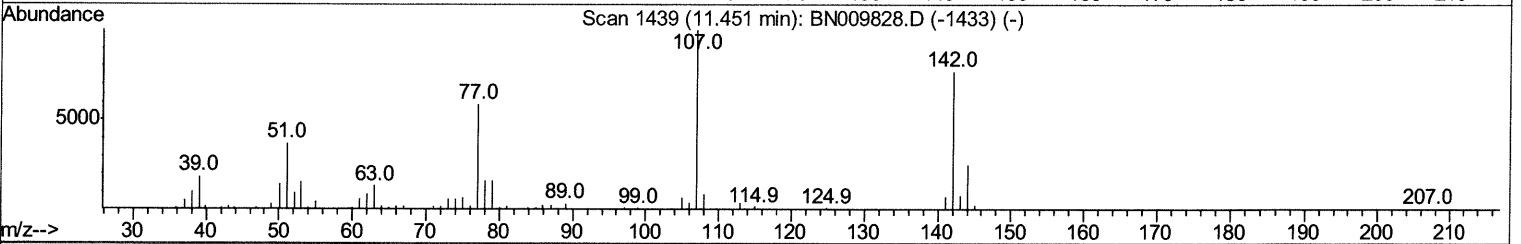
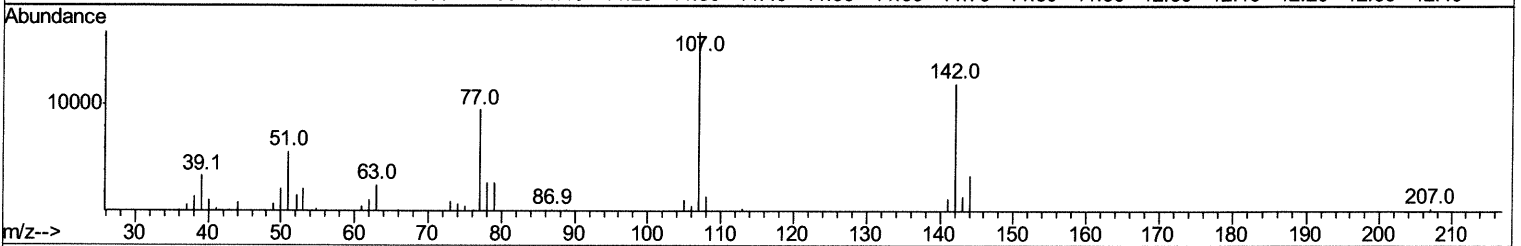
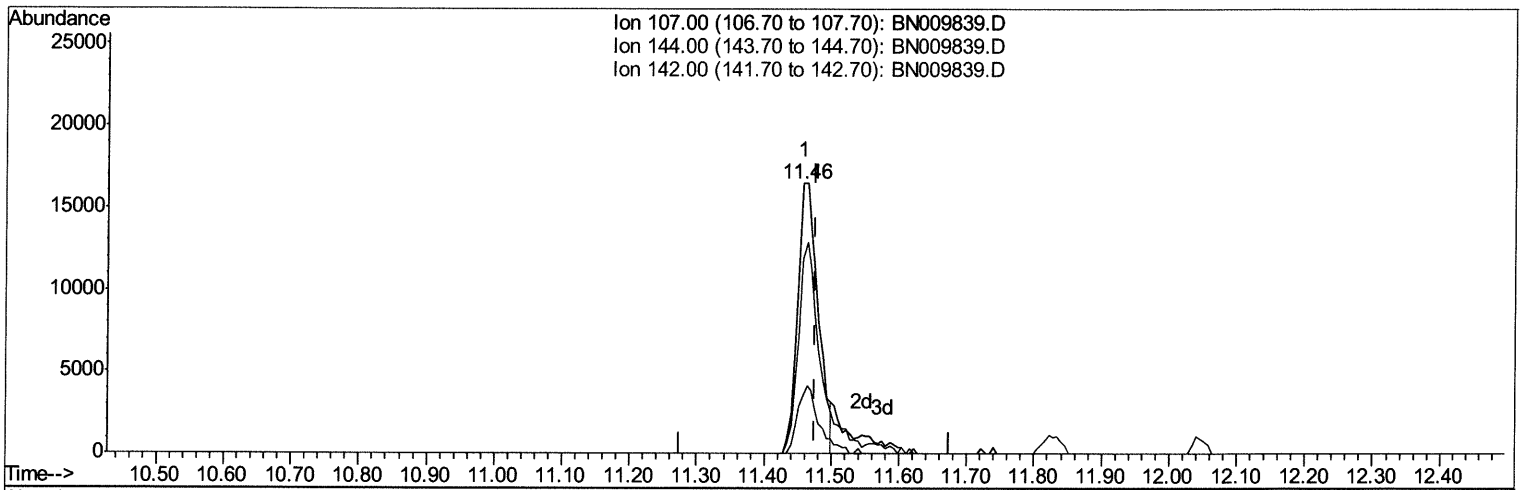
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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BN009839.D

(33) 4-Chloro-3-methylphenol (C)

11.457min (-0.018) 4.42ng/ul

response 34968

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 144.00 | 24.10 | 21.09 |
| 142.00 | 74.40 | 71.86 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

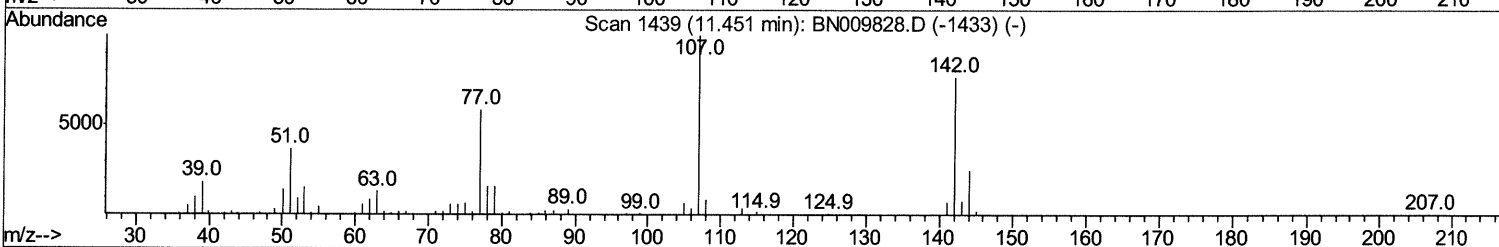
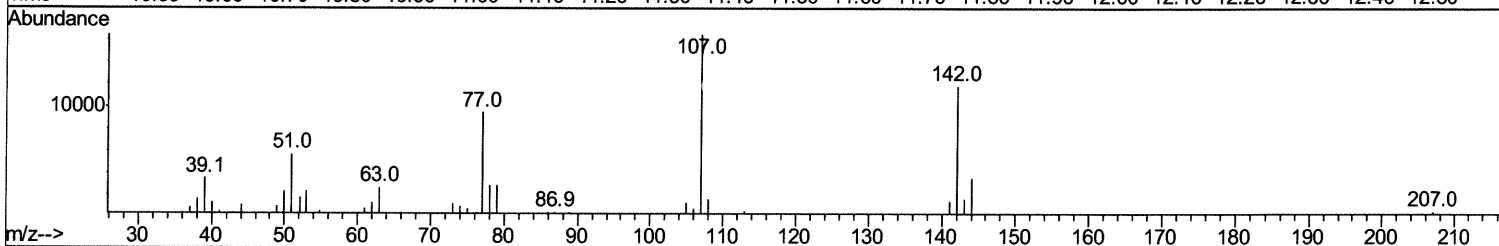
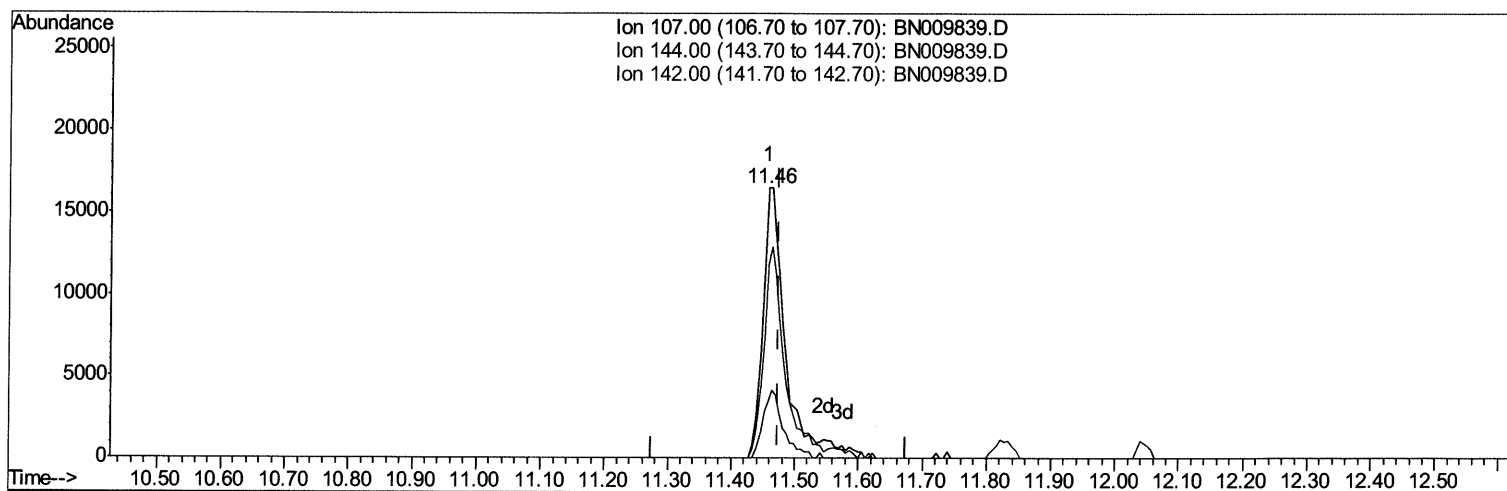
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009839.D  
Acq On : 22 Feb 2020 10:37  
Operator : CG/JU  
Sample : L1516-03MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD21MSD

Manual Integrations  
APPROVED

mohammad  
2/24/2020 4:49:01 PM

Quant Time: Feb 24 00:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 04:46:48 2020  
Response via : Initial Calibration



TIC: BN009839.D

(33) 4-Chloro-3-methylphenol (C)

11.457min (-0.018) 5.24ng/ul m JU 02/25/20

response 41472

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 144.00 | 24.10 | 21.09 |
| 142.00 | 74.40 | 71.86 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

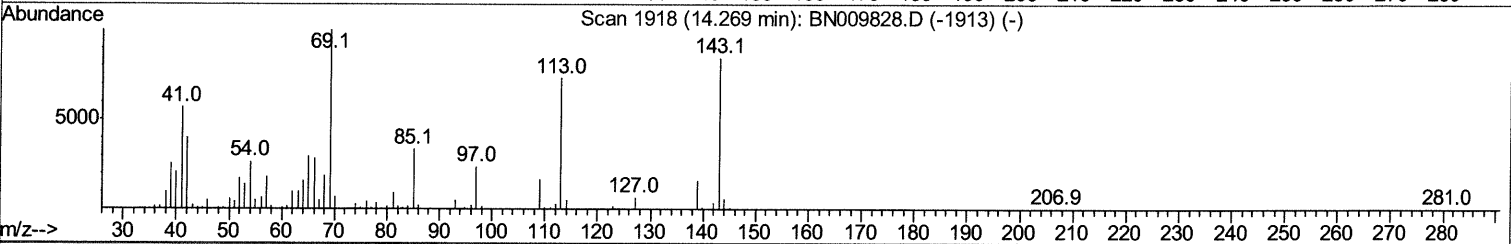
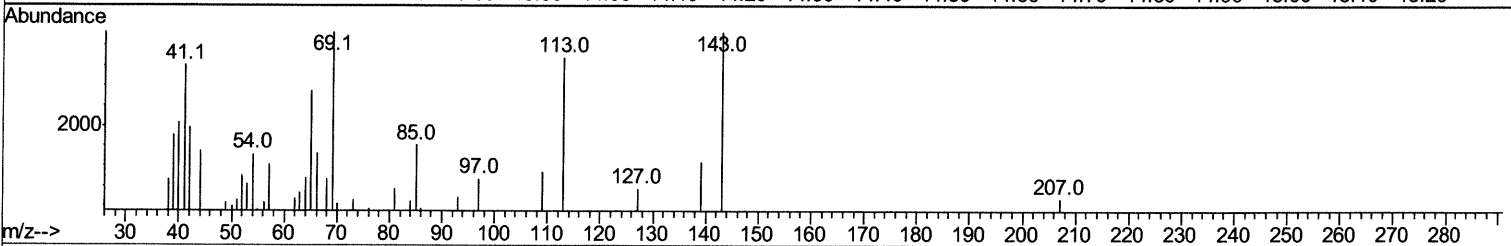
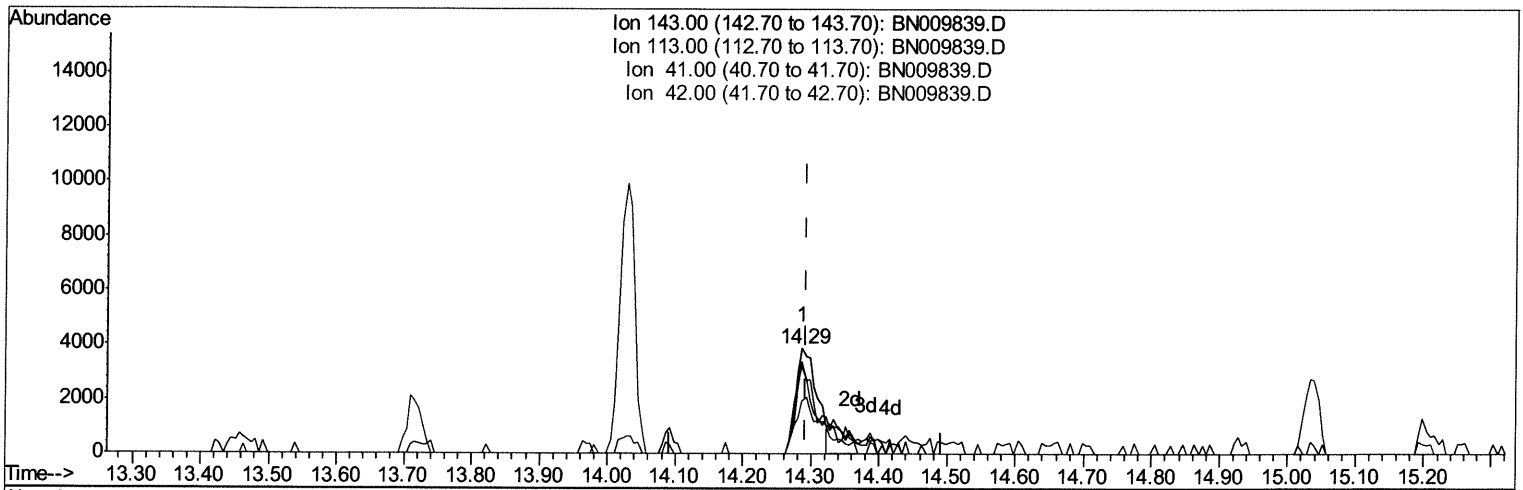
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
 Data File : BN009839.D  
 Acq On : 22 Feb 2020 10:37  
 Operator : CG/JU  
 Sample : L1516-03MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBD21MSD

Manual Integrations  
 APPROVED

mohammad  
 2/24/2020 4:49:01 PM

Quant Time: Feb 24 00:22:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
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TIC: BN009839.D

(52) 4-Nitrophenol-d4 (S)

14.287min (-0.006) 2.07ng/ul

response 8168

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 86.40 | 86.94  |
| 41.00  | 66.00 | 82.71# |
| 42.00  | 43.20 | 50.53  |

## Quantitation Report (Qedit)

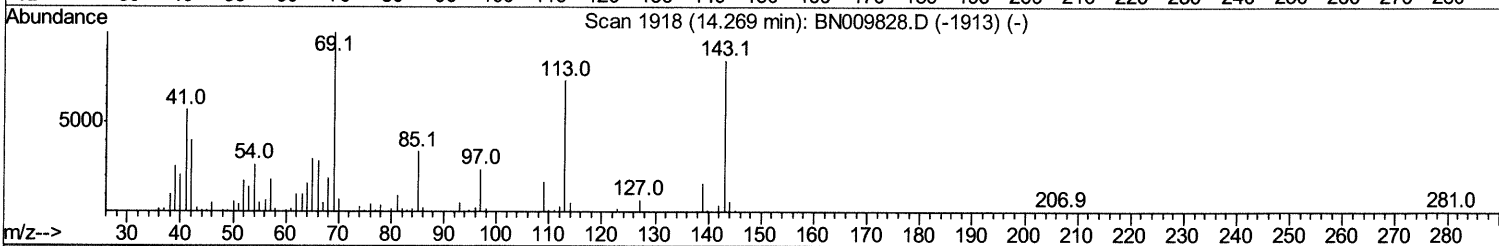
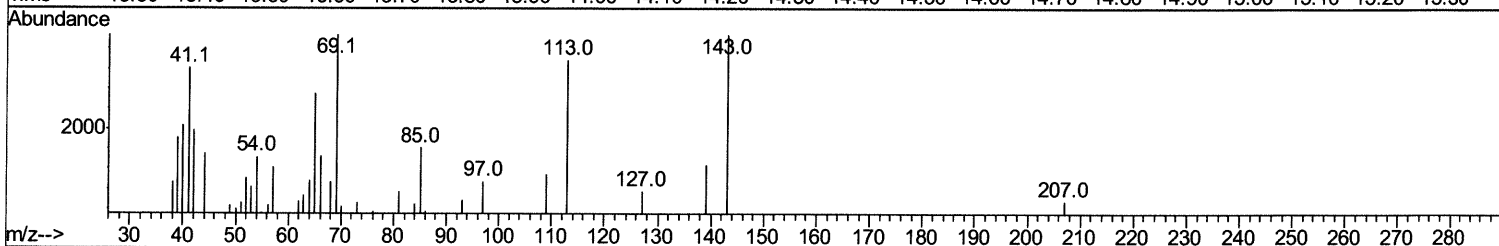
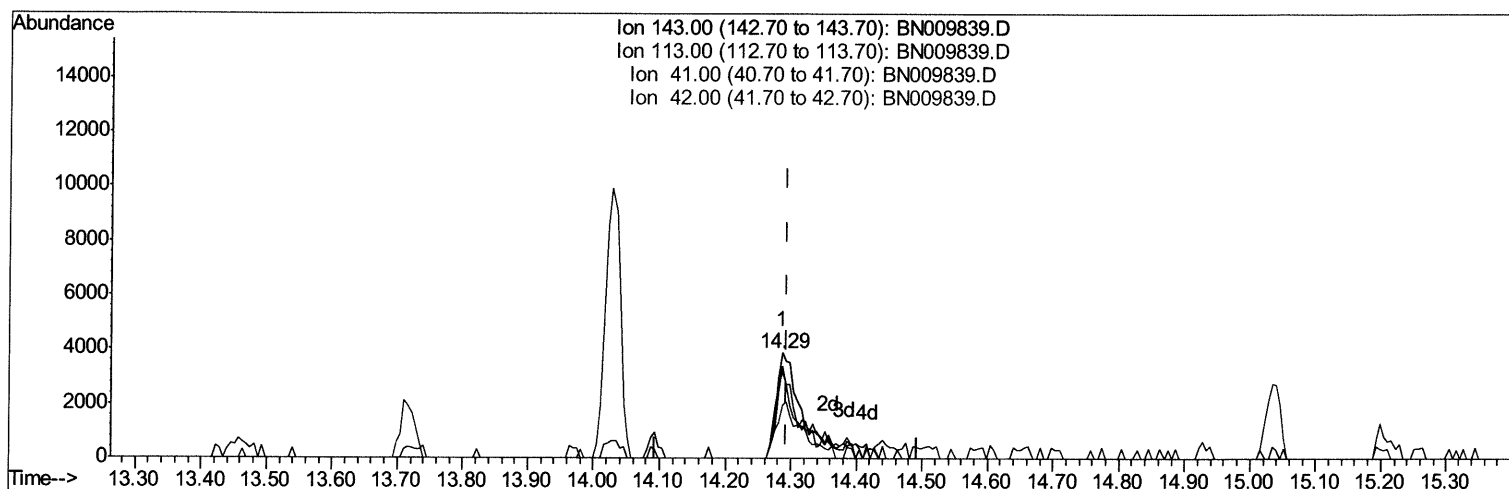
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009839.D  
Acq On : 22 Feb 2020 10:37  
Operator : CG/JU  
Sample : L1516-03MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD21MSD

Manual Integrations  
APPROVED

mohammad  
2/24/2020 4:49:01 PM

Quant Time: Feb 24 00:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 04:46:48 2020  
Response via : Initial Calibration



TIC: BN009839.D

(52) 4-Nitrophenol-d4 (S)

14.287min (-0.006) 2.77ng/ul m JU02/25/20

response 10937

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 86.40 | 86.94  |
| 41.00  | 66.00 | 82.71# |
| 42.00  | 43.20 | 50.53  |

## Quantitation Report (Qedit)

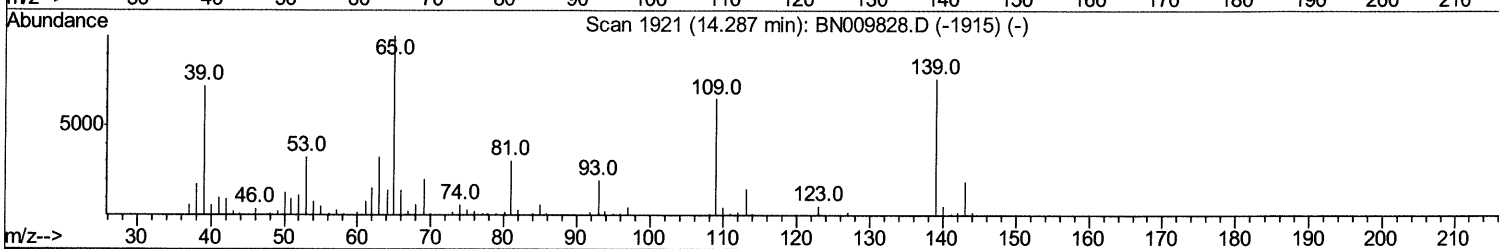
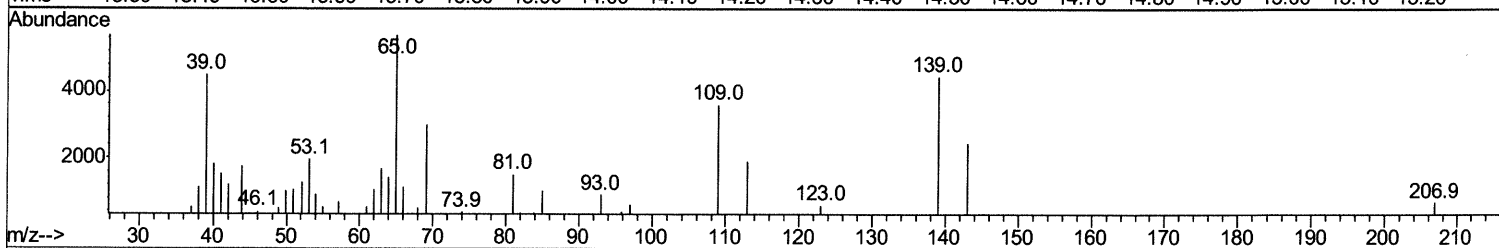
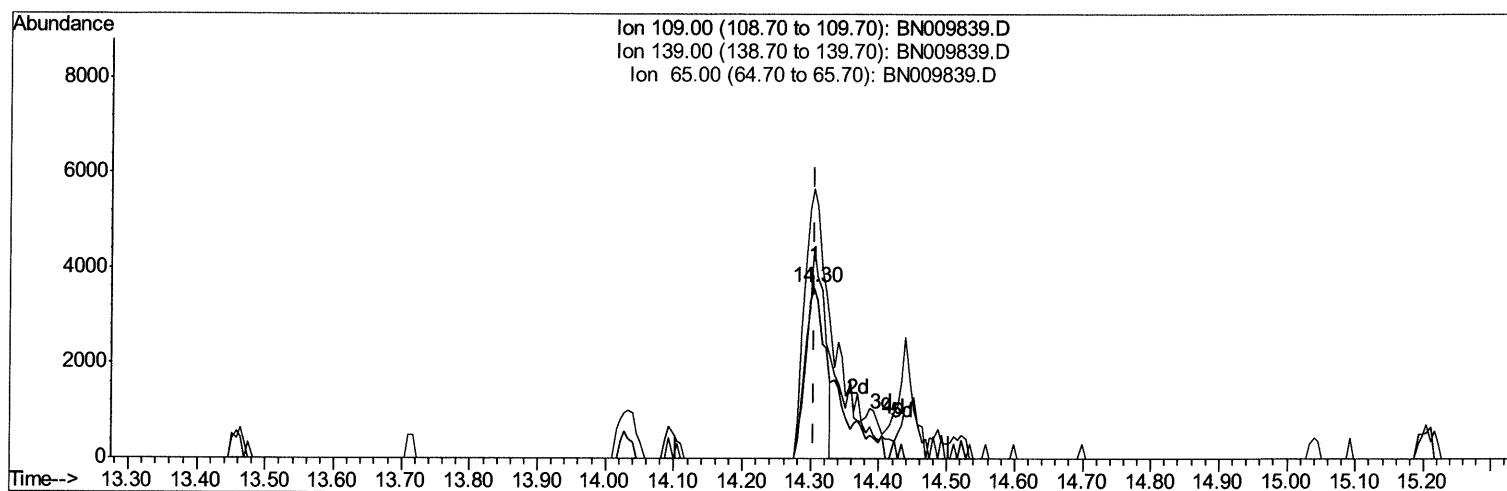
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009839.D  
Acq On : 22 Feb 2020 10:37  
Operator : CG/JU  
Sample : L1516-03MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD21MSD

Manual Integrations  
APPROVED

mohammad  
2/24/2020 4:49:01 PM

Quant Time: Feb 24 00:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 04:46:48 2020  
Response via : Initial Calibration



TIC: BN009839.D

(53) 4-Nitrophenol

14.304min (-0.000) 2.04ng/ul

response 7250

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 120.40 | 123.72 |
| 65.00  | 162.40 | 158.15 |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

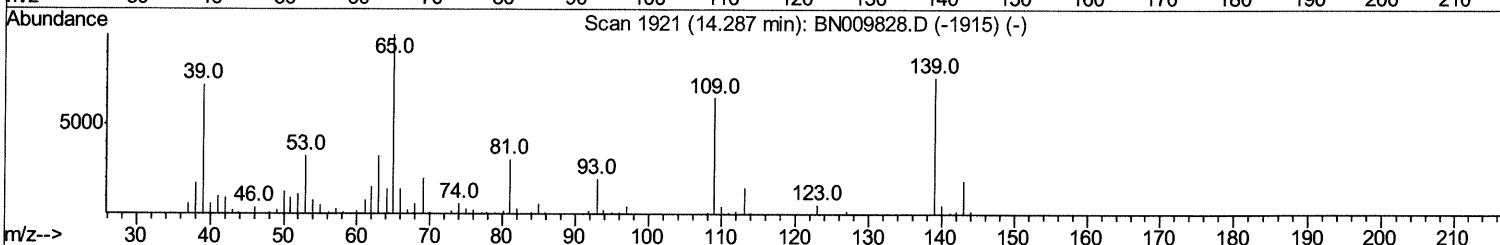
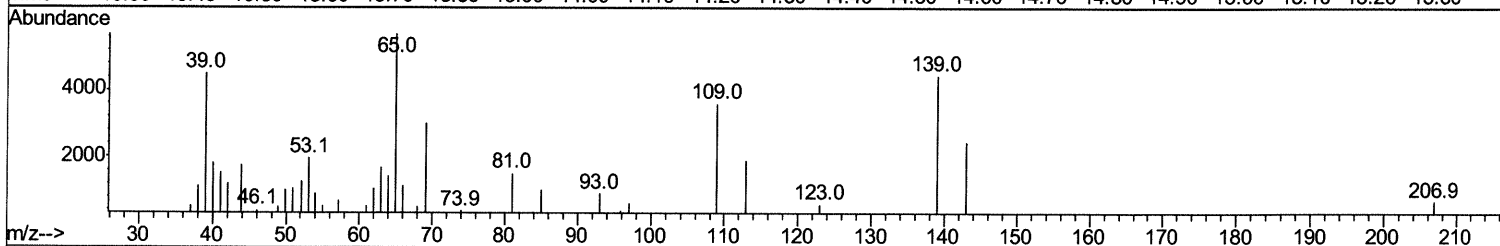
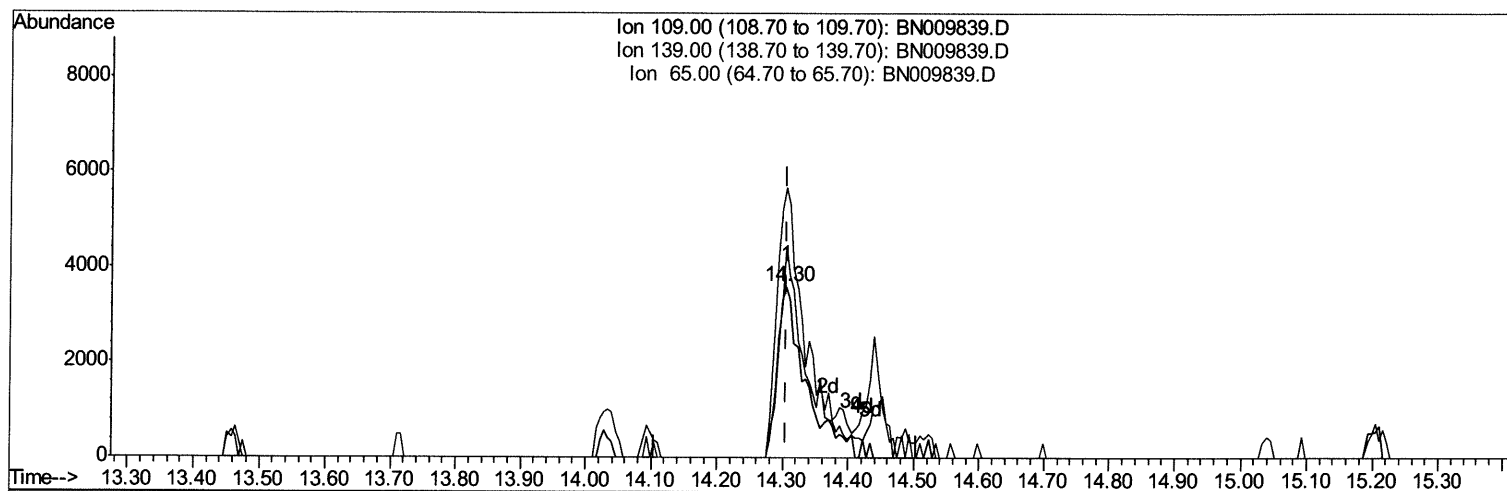
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009839.D  
Acq On : 22 Feb 2020 10:37  
Operator : CG/JU  
Sample : L1516-03MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD21MSD

Manual Integrations  
APPROVED

mohammad  
2/24/2020 4:49:01 PM

Quant Time: Feb 24 00:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 04:46:48 2020  
Response via : Initial Calibration



TIC: BN009839.D

(53) 4-Nitrophenol

14.304min (-0.000) 3.04ng/ul m *JU 02/25/20*

response 10823

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 120.40 | 123.72 |
| 65.00  | 162.40 | 158.15 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
 Data File : BN009839.D  
 Acq On : 22 Feb 2020 10:37  
 Operator : CG/JU  
 Sample : L1516-03MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBD21MSD

Manual Integrations  
 APPROVED

mohammad  
 2/24/2020 4:49:01 PM

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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 104002   | 20.00 | nq/ul | -0.02    |
| 18) Naphthalene-d8        | 10.13 | 136  | 446127   | 20.00 | nq/ul | -0.03    |
| 36) Acenaphthene-d10      | 14.03 | 164  | 289289   | 20.00 | nq/ul | -0.02    |
| 62) Phenanthrene-d10      | 16.79 | 188  | 589898   | 20.00 | nq/ul | -0.02    |
| 78) Chrysene-d12          | 21.00 | 240  | 528265   | 20.00 | nq/ul | -0.02    |
| 86) Perylene-d12          | 23.10 | 264  | 565966   | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |       |     |         |      |        |                  |
|--------------------------------|-------|-----|---------|------|--------|------------------|
| 3) 1,4-Dioxane-d8              | 3.04  | 96  | 2997    | 1.19 | nq/uL  | -0.01            |
| 5) Phenol-d5                   | 6.59  | 99  | 44949   | 5.08 | nq/ul  | -0.02            |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.75  | 67  | 34359   | 5.63 | nq/ul  | -0.02            |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 37603   | 5.65 | nq/ul  | -0.02            |
| 13) 4-Methylphenol-d8          | 8.11  | 113 | 29653   | 4.21 | nq/ul  | -0.02            |
| 19) Nitrobenzene-d5            | 8.54  | 128 | 16469   | 5.05 | nq/ul  | -0.02            |
| 22) 2-Nitrophenol-d4           | 9.25  | 143 | 18272   | 5.12 | nq/ul  | -0.02            |
| 26) 2,4-Dichlorophenol-d3      | 9.79  | 165 | 33110   | 4.82 | nq/ul  | 0.00             |
| 29) 4-Chloroaniline-d4         | 10.31 | 131 | 40127   | 5.20 | nq/ul  | 0.00             |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 124699  | 5.77 | nq/ul  | -0.01            |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 135223  | 5.31 | nq/ul  | -0.02            |
| 52) 4-Nitrophenol-d4           | 14.29 | 143 | 10937m> | 2.77 | nq/ul> | 0.00 JU 02/25/20 |
| 58) Fluorene-d10               | 15.03 | 176 | 108004  | 5.79 | nq/ul  | -0.02            |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 9106    | 2.48 | nq/ul  | 0.00             |
| 71) Anthracene-d10             | 16.89 | 188 | 161808  | 5.98 | nq/ul  | -0.02            |
| 79) Pyrene-d10                 | 19.19 | 212 | 183824  | 6.66 | nq/ul  | -0.02            |
| 90) Benzo(a)pyrene-d12         | 22.97 | 264 | 174045  | 6.16 | ng/ul  | -0.03            |

## Target Compounds

|                                |       |     |         |       | Ovalue |             |
|--------------------------------|-------|-----|---------|-------|--------|-------------|
| 6) Phenol                      | 6.62  | 94  | 50598   | 5.337 | nq/ul  | 96          |
| 10) 2-Chlorophenol             | 6.96  | 128 | 40910   | 5.832 | nq/ul  | 95          |
| 15) N-Nitroso-di-n-propylamine | 8.20  | 70  | 34969   | 5.837 | nq/ul  | 96          |
| 33) 4-Chloro-3-methylphenol    | 11.46 | 107 | 41472m> | 5.237 | nq/ul> | JU 02/25/20 |
| 50) Acenaphthene               | 14.09 | 153 | 108203  | 5.730 | nq/ul  | 95          |
| 53) 4-Nitrophenol              | 14.30 | 109 | 10823m> | 3.039 | nq/ul> | JU 02/25/20 |
| 55) 2,4-Dinitrotoluene         | 14.44 | 165 | 29029   | 4.437 | nq/ul# | 84          |
| 69) Pentachlorophenol          | 16.46 | 266 | 7719    | 2.045 | nq/ul  | 89          |
| 80) Pvrene                     | 19.22 | 202 | 266105  | 6.987 | nq/ul  | 99          |

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