

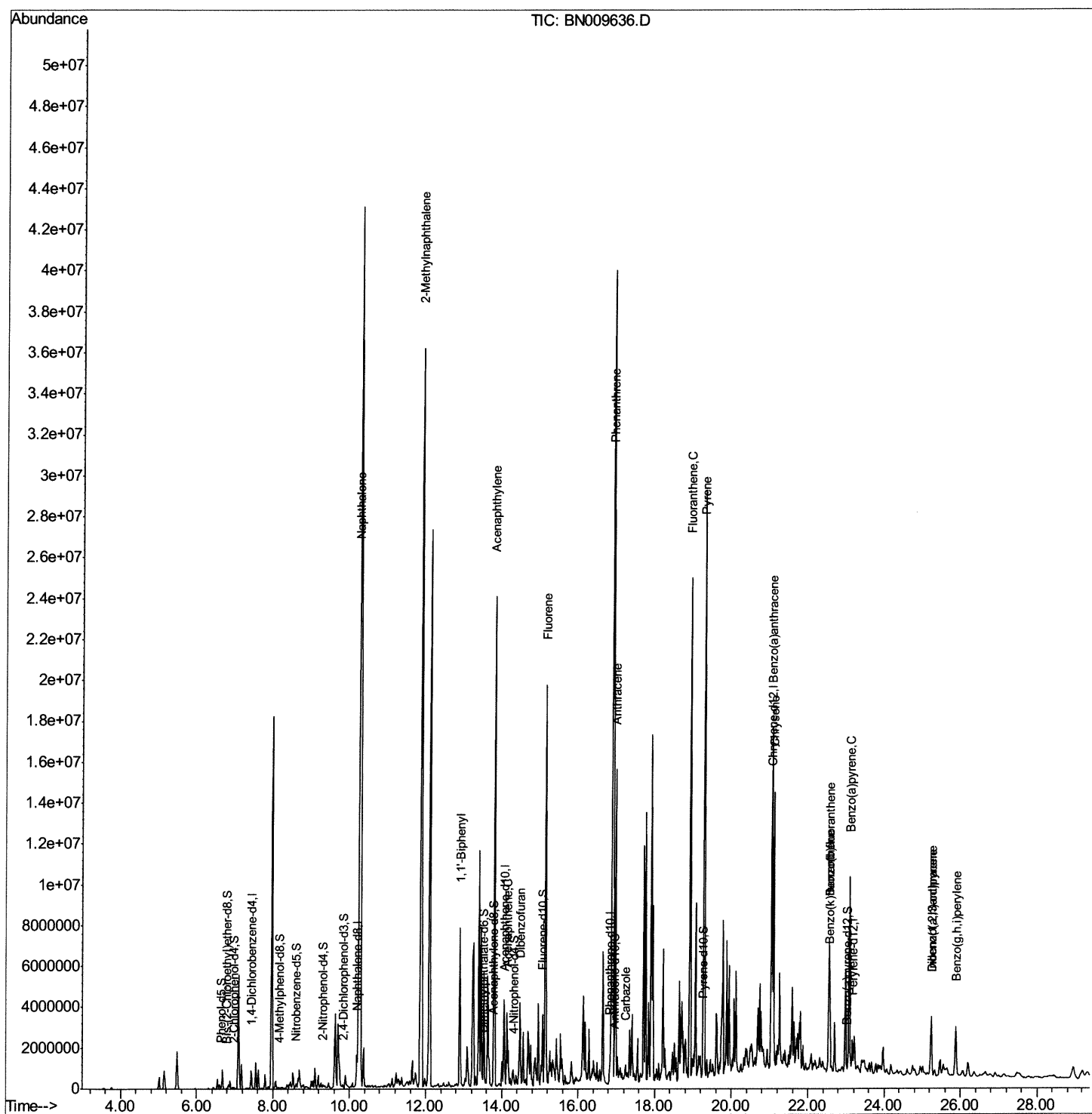
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 14:57:44 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

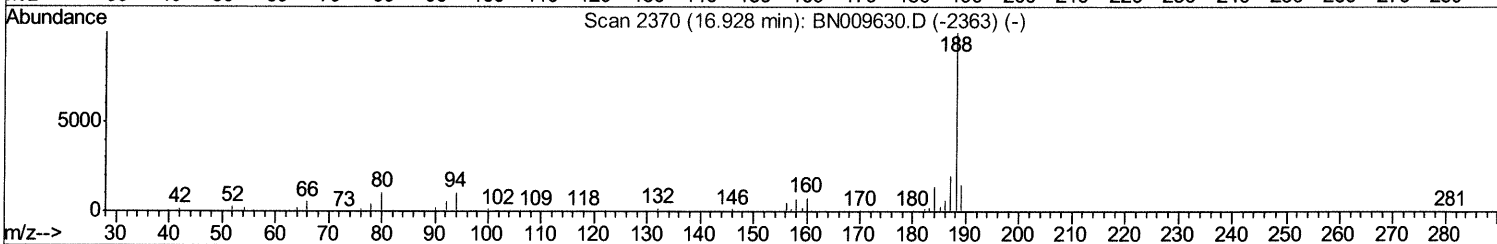
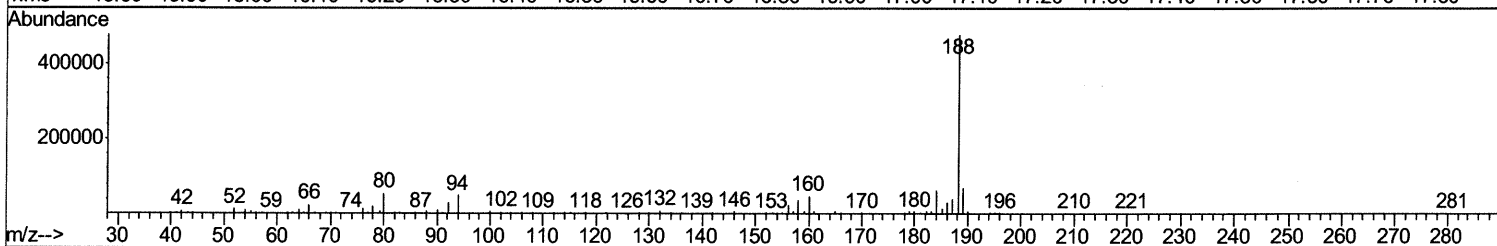
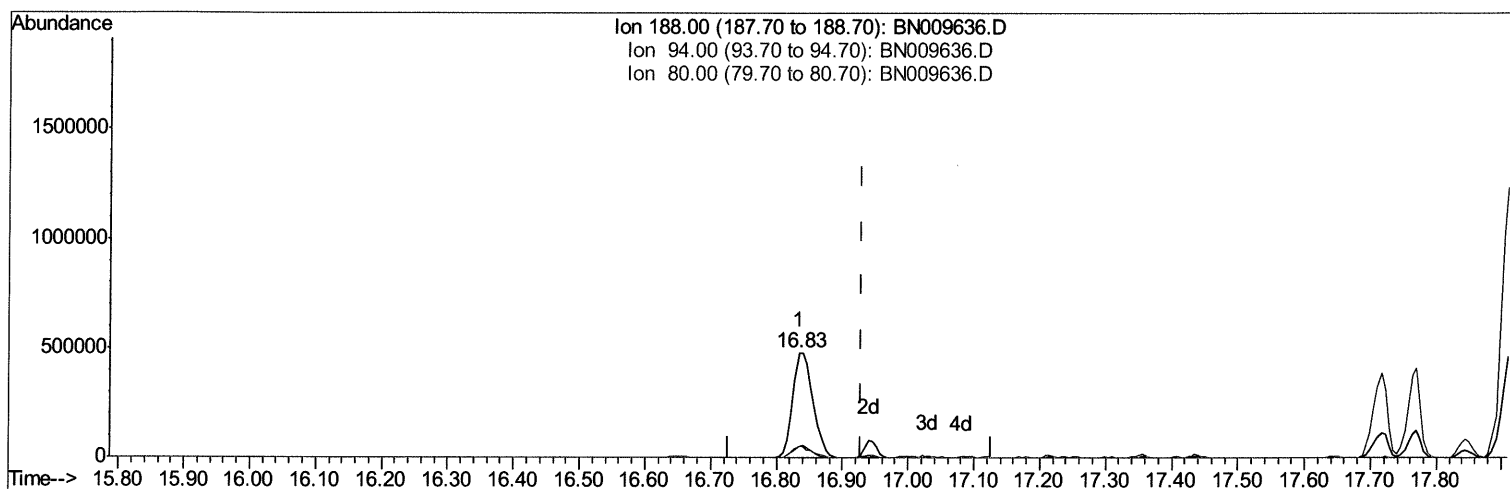
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(70) Anthracene-d10 (S)

16.833min (-0.094) 22.01ng/ul

response 1011034

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.60 | 10.04 |
| 80.00  | 11.10 | 11.13 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

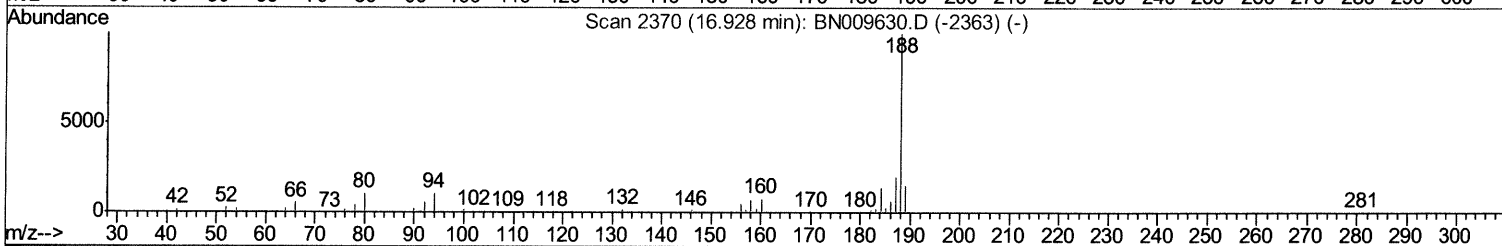
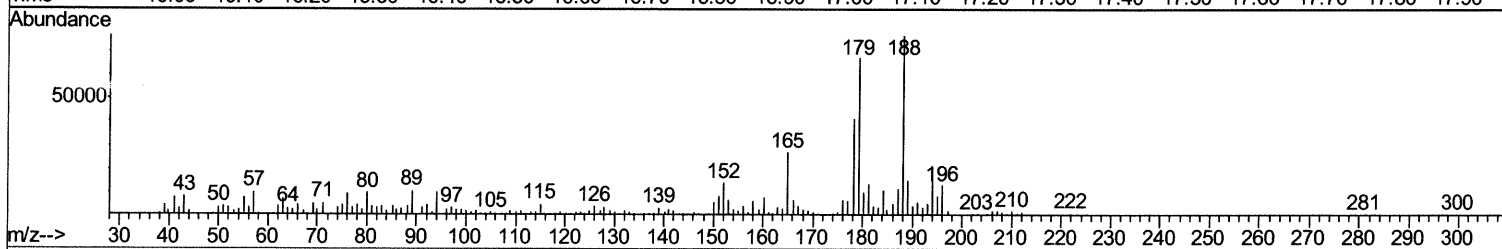
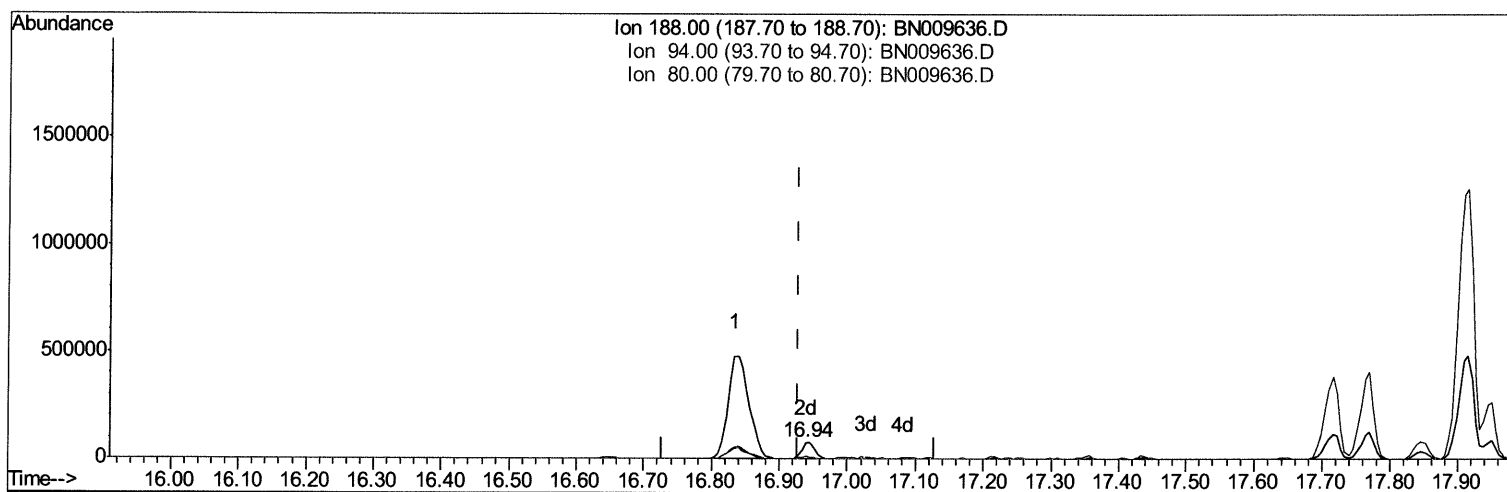
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(70) Anthracene-d10 (S)

16.939min (+0.012) 2.19ng/ul m JU 02/13/20

response 100639

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.60 | 12.94# |
| 80.00  | 11.10 | 12.49  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

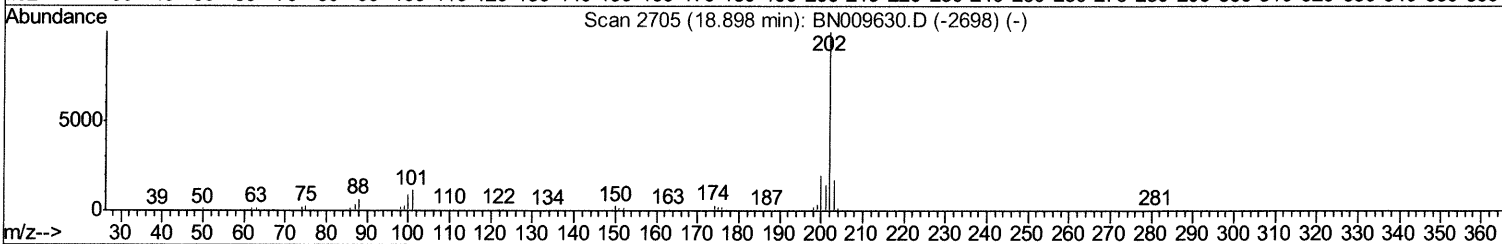
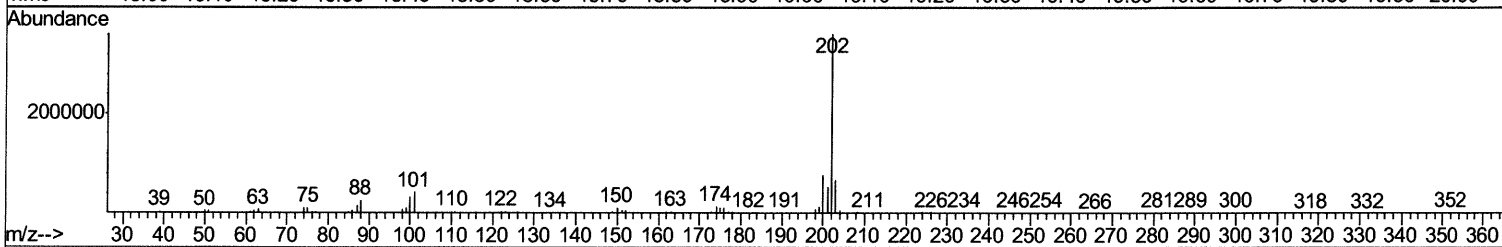
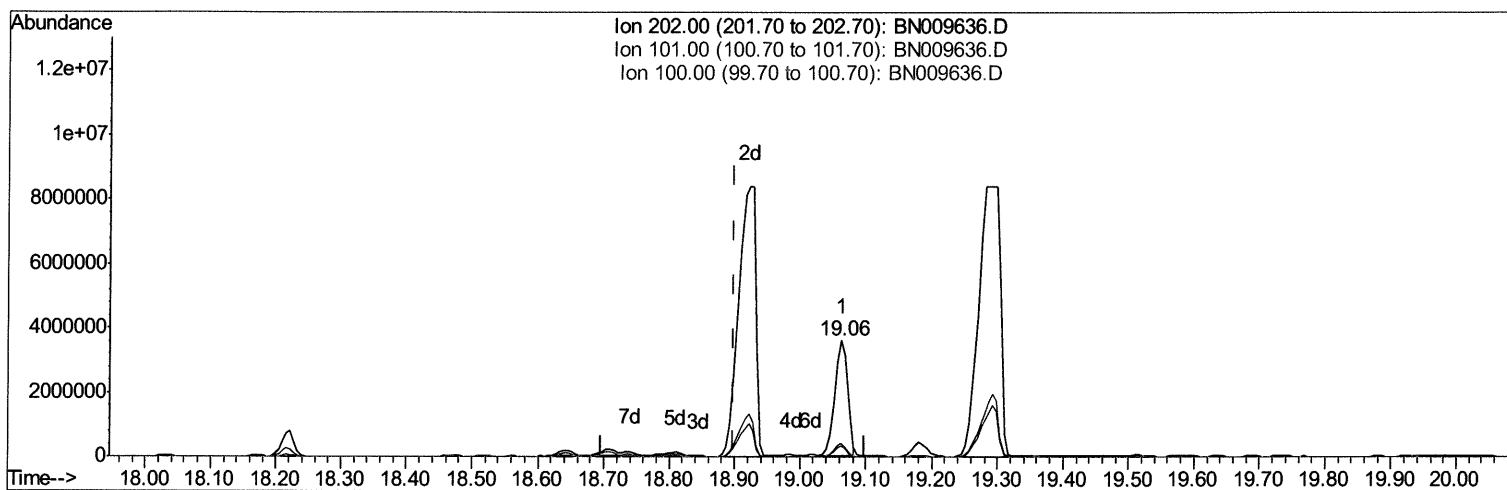
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(76) Fluoranthene (C)

19.063min (+0.165) 72.75ng/ul

response 4787104

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 11.50 | 11.39 |
| 100.00 | 8.60  | 9.11  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

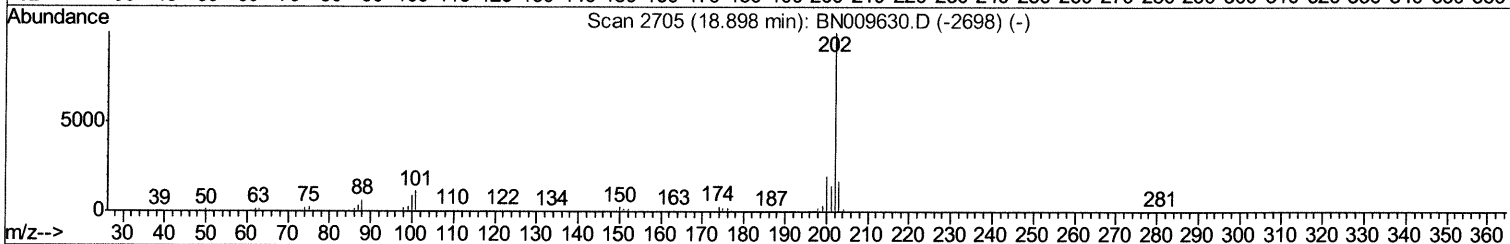
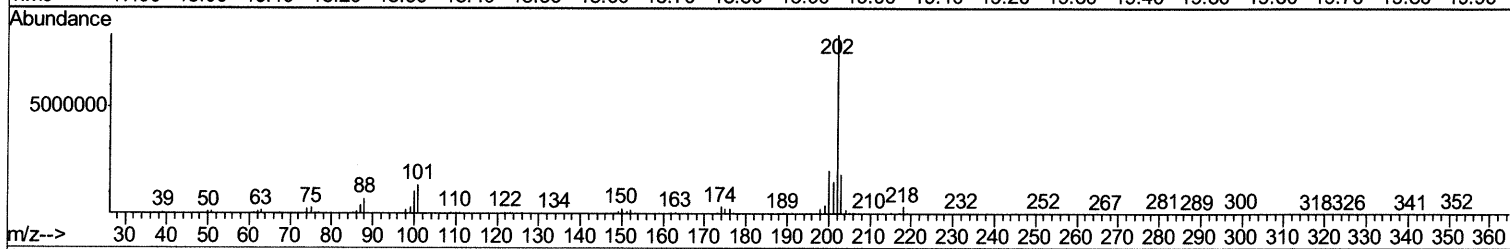
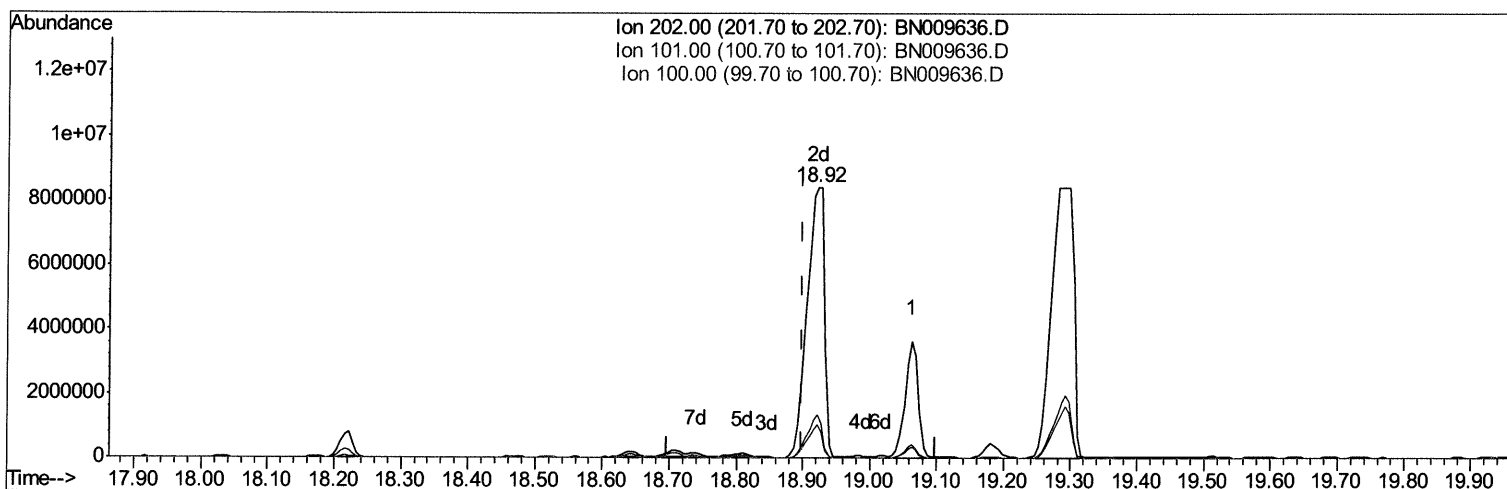
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(76) Fluoranthene (C)

18.922min (+0.024) 233.07ng/ul m JU 02/13/20

response 15337260

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 11.50 | 15.93# |
| 100.00 | 8.60  | 12.20# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

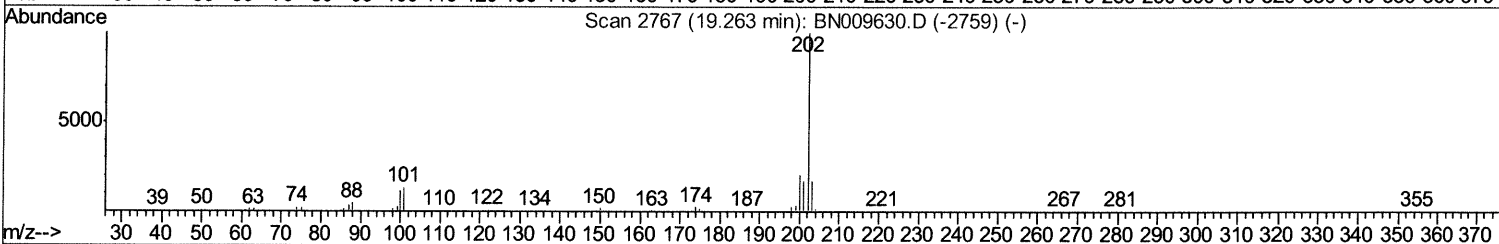
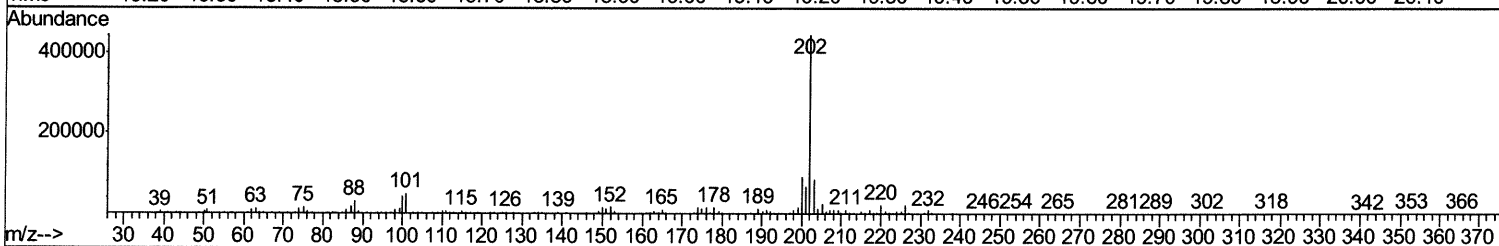
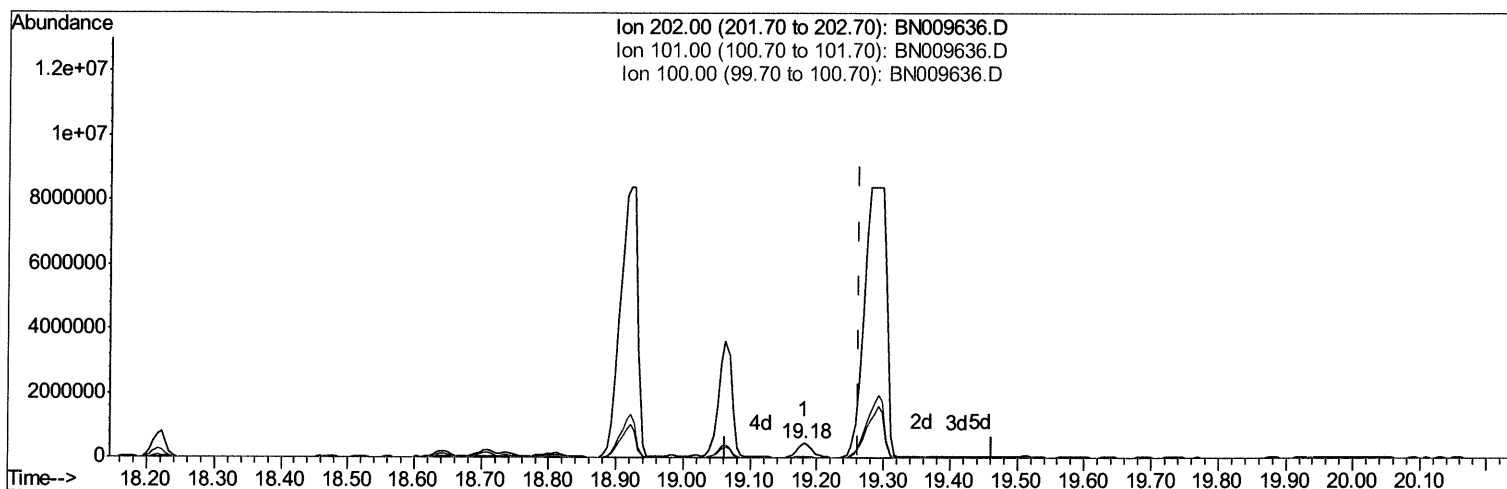
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(79) Pyrene

19.180min (-0.082) 10.16ng/ul

response 653043

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.90 | 11.29 |
| 100.00 | 10.50 | 9.54  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

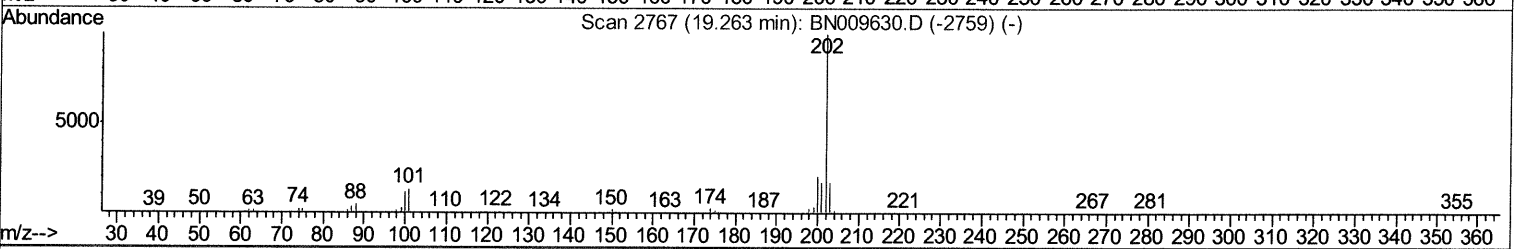
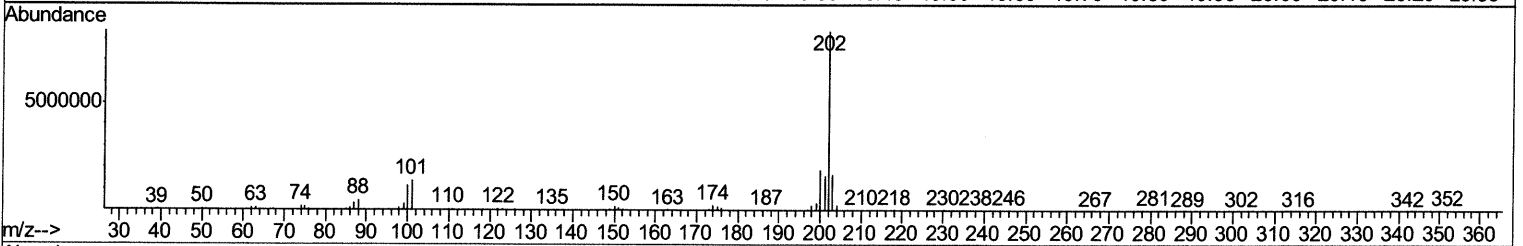
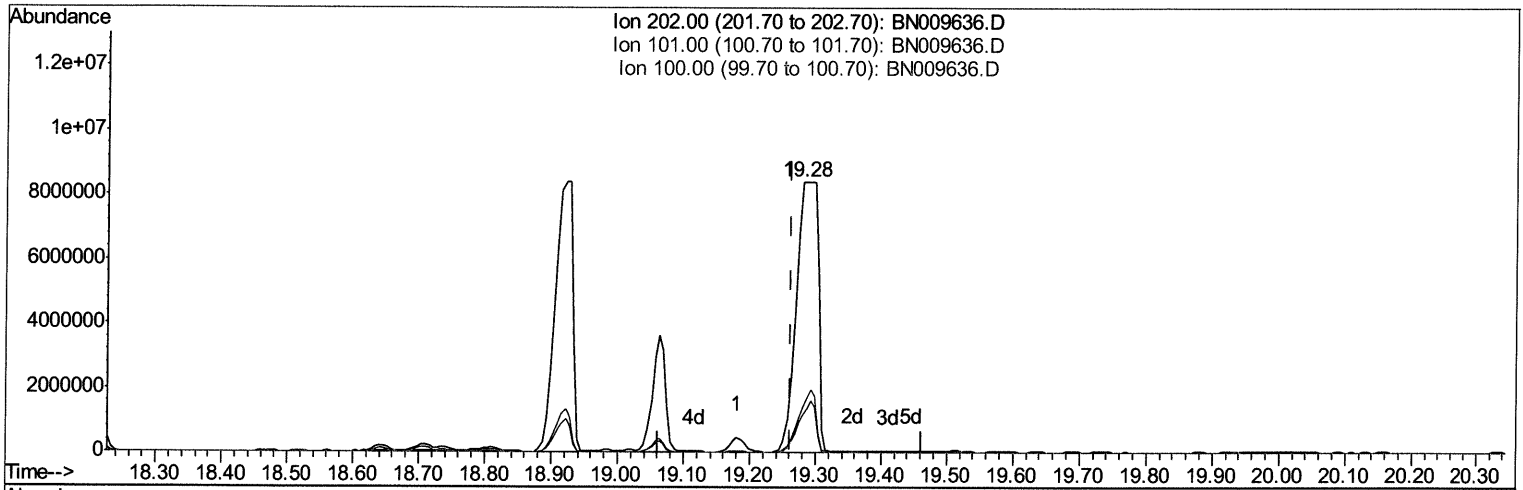
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
 Data File : BN009636.D  
 Acq On : 07 Feb 2020 07:47  
 Operator : CG/JU  
 Sample : L1324-15 10X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT70

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 07 11:12:58 2020  
 Response via : Initial Calibration



TIC: BN009636.D

(79) Pyrene

19.280min (+0.018) 302.62ng/ul m JU 02/13/20

response 19453434

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 12.90 | 16.50# |
| 100.00 | 10.50 | 13.47# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

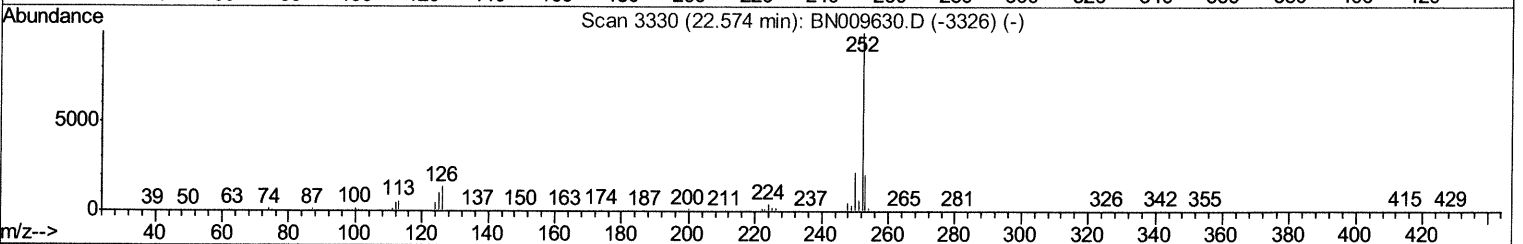
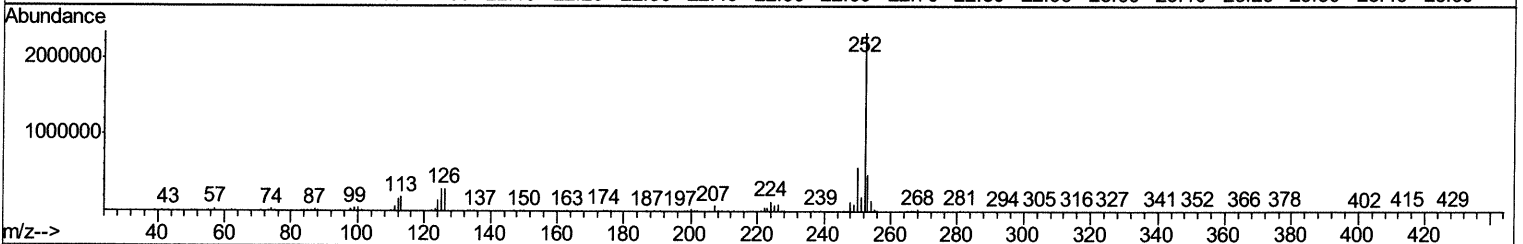
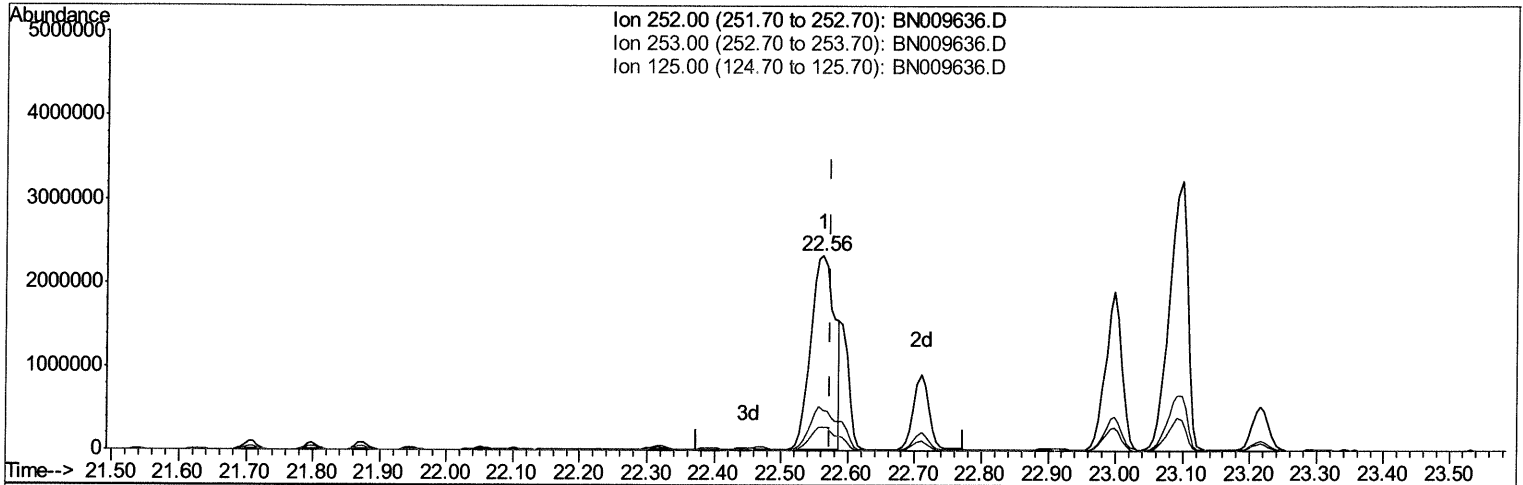
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
 Data File : BN009636.D  
 Acq On : 07 Feb 2020 07:47  
 Operator : CG/JU  
 Sample : L1324-15 10X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT70

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



TIC: BN009636.D

(88) Benzo(k)fluoranthene

22.563min (-0.012) 97.29ng/ul

response 5920321

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.20 | 20.92  |
| 125.00 | 10.00 | 12.20# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

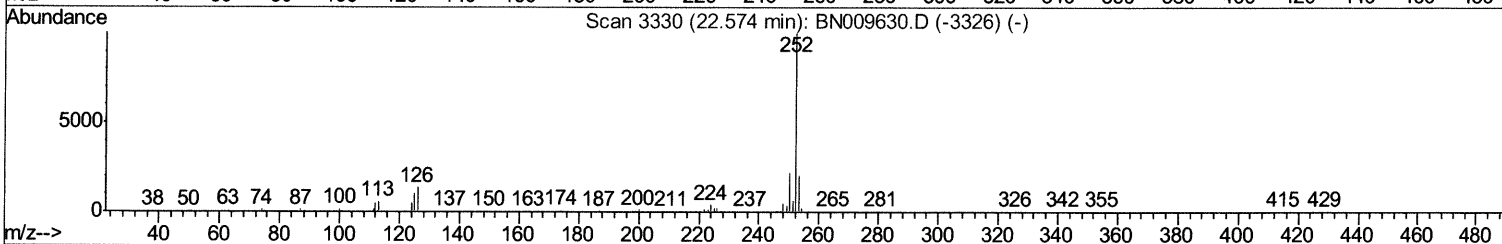
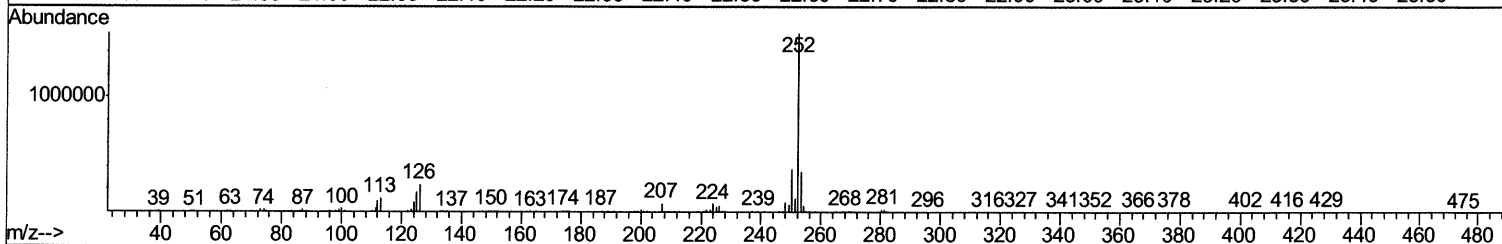
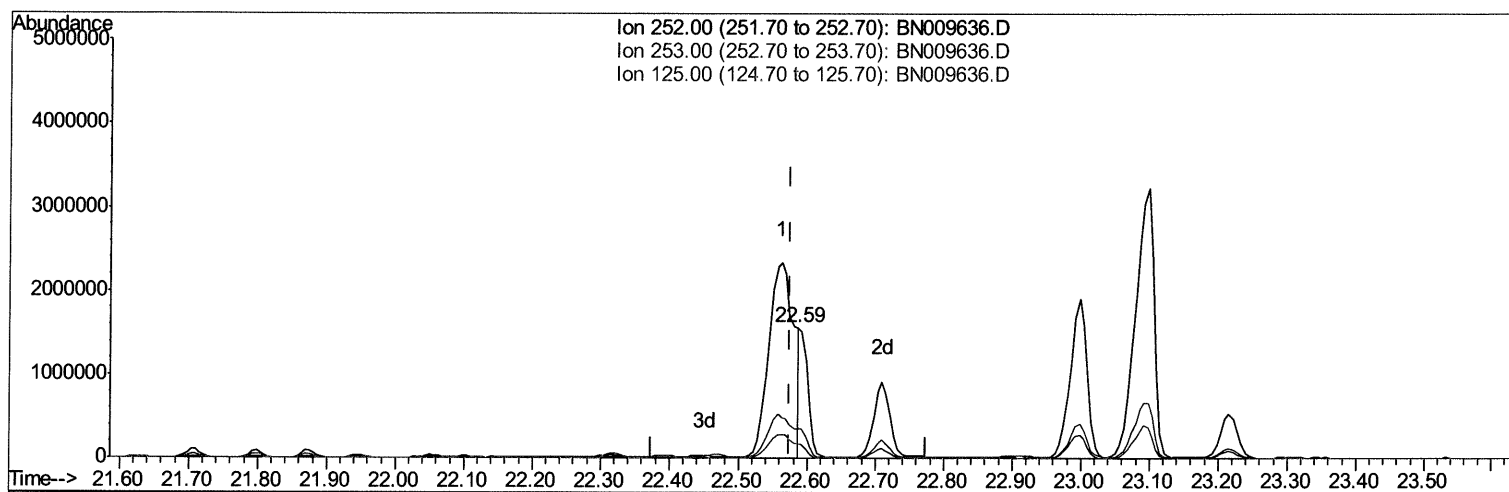
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(88) Benzo(k)fluoranthene

22.586min (+0.012) 20.40ng/ul m JU 02/13/20

response 1241219

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 22.42 |
| 125.00 | 10.00 | 10.91 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

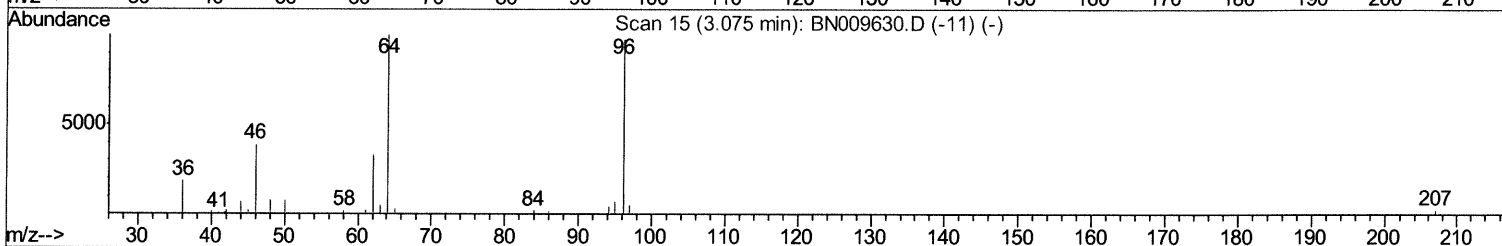
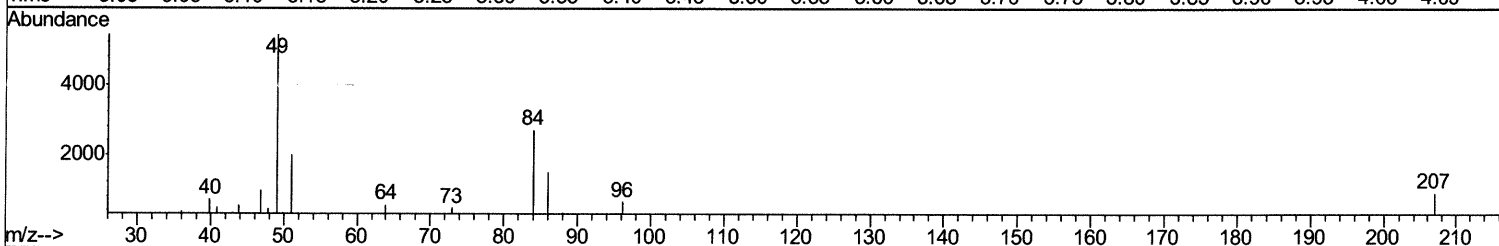
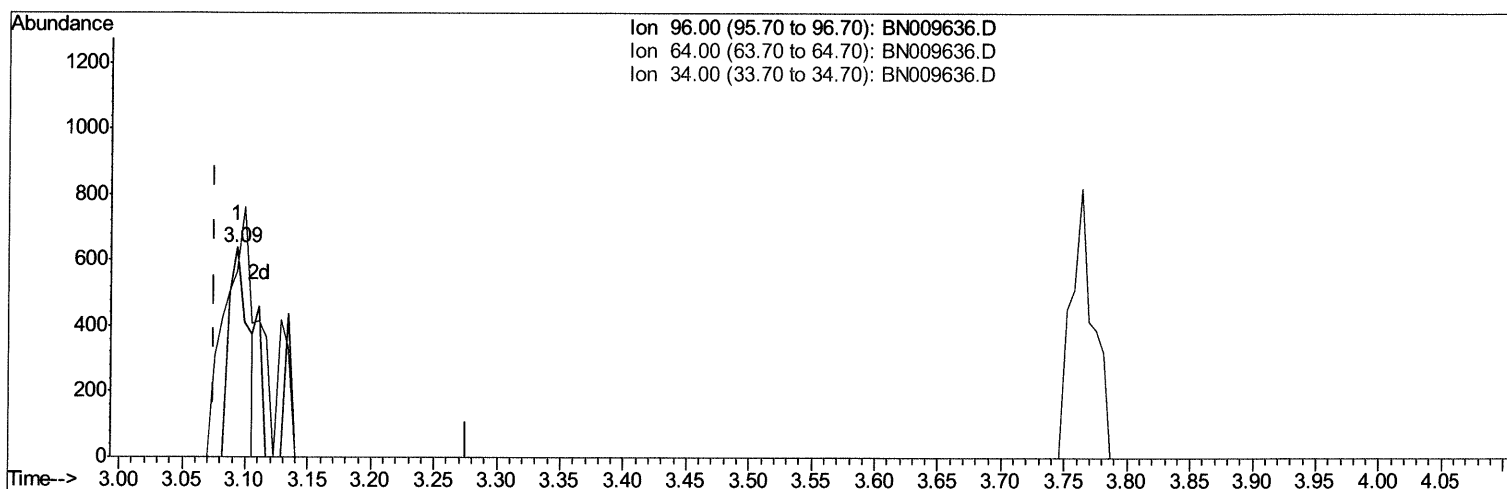
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
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TIC: BN009636.D

(3) 1,4-Dioxane-d8 (S)

3.093min (+0.018) 0.13ng/uL

response 678

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 96.00 | 100    | 100   |
| 64.00 | 102.40 | 88.71 |
| 34.00 | 0.00   | 0.00  |
| 0.00  | 0.00   | 0.00  |

# Quantitation Report (Qedit)

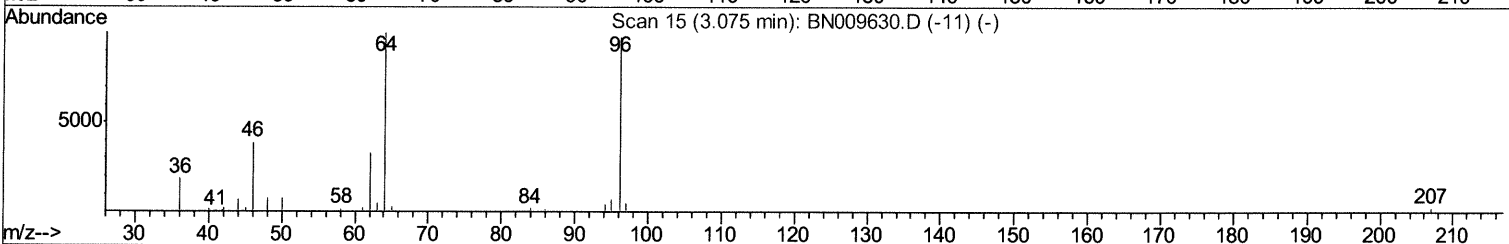
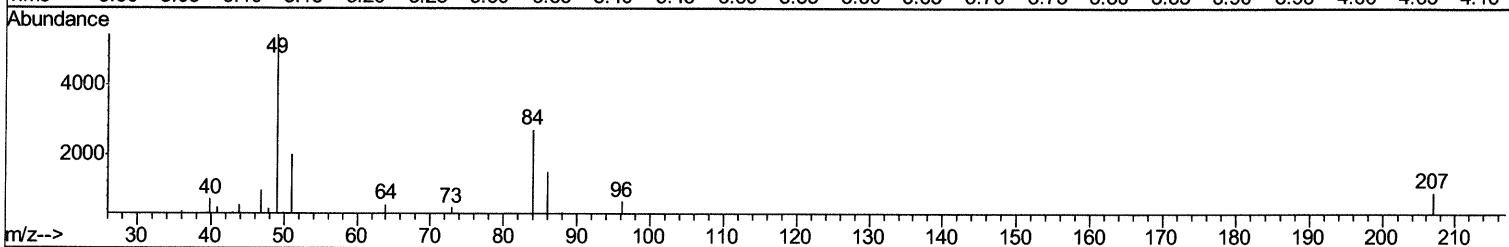
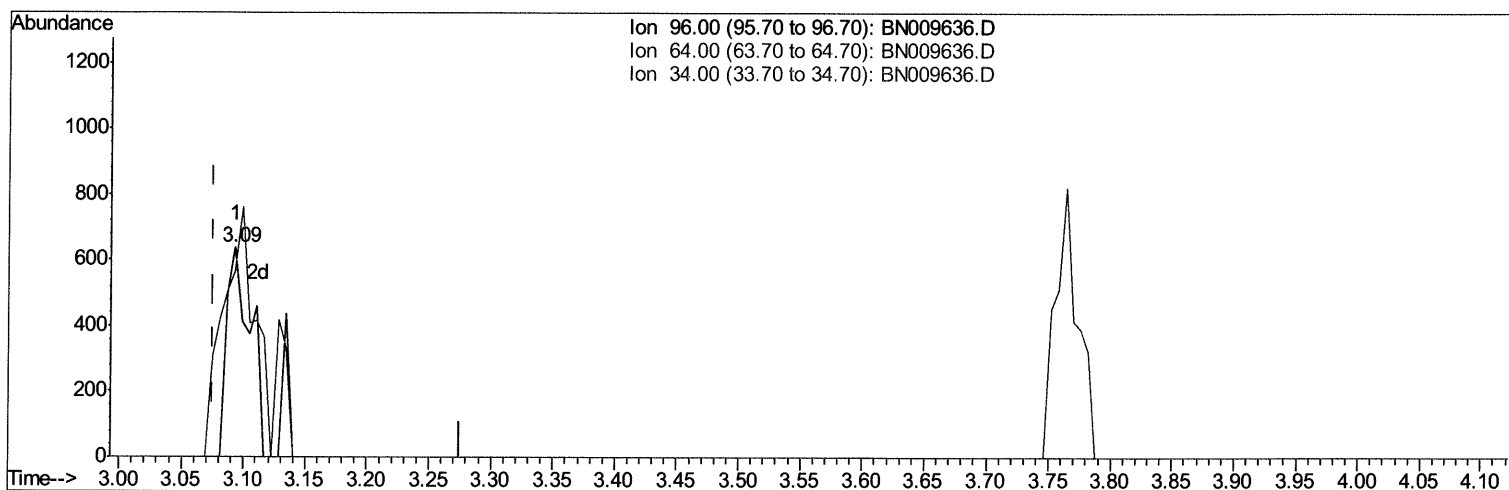
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
 Data File : BN009636.D  
 Acq On : 07 Feb 2020 07:47  
 Operator : CG/JU  
 Sample : L1324-15 10X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT70

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 07 11:12:58 2020  
 Response via : Initial Calibration



TIC: BN009636.D

(3) 1,4-Dioxane-d8 (S)

3.093min (+0.018) 0.16ng/uL m JU 02/13/12

response 840

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 96.00 | 100    | 100   |
| 64.00 | 102.40 | 88.71 |
| 34.00 | 0.00   | 0.00  |
| 0.00  | 0.00   | 0.00  |

## Quantitation Report (Qedit)

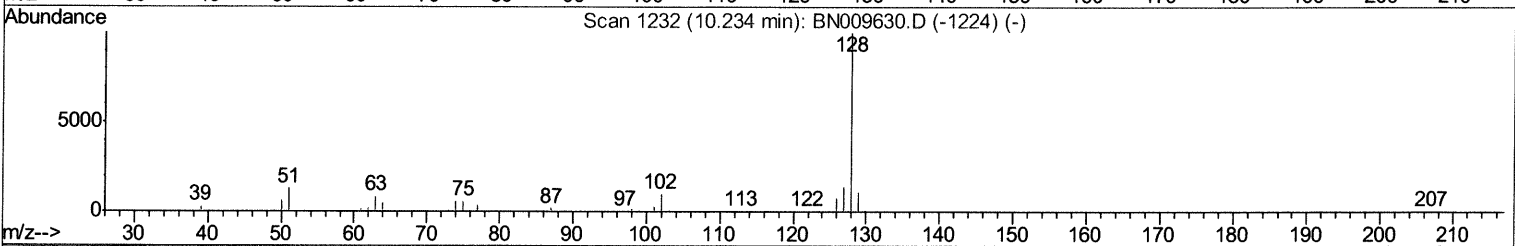
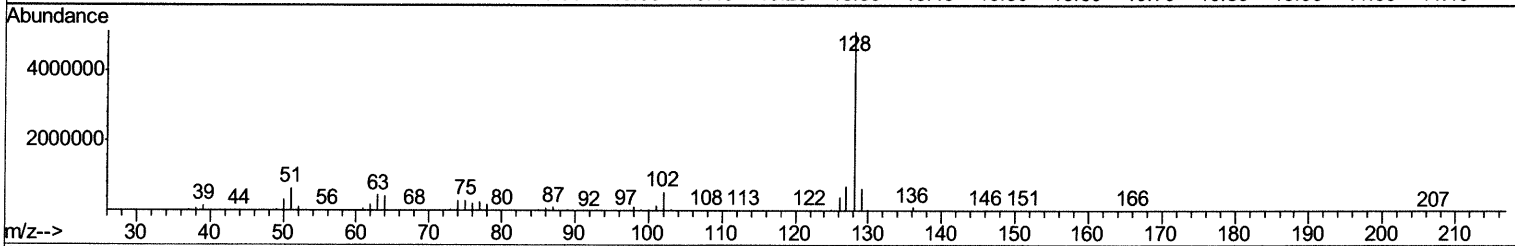
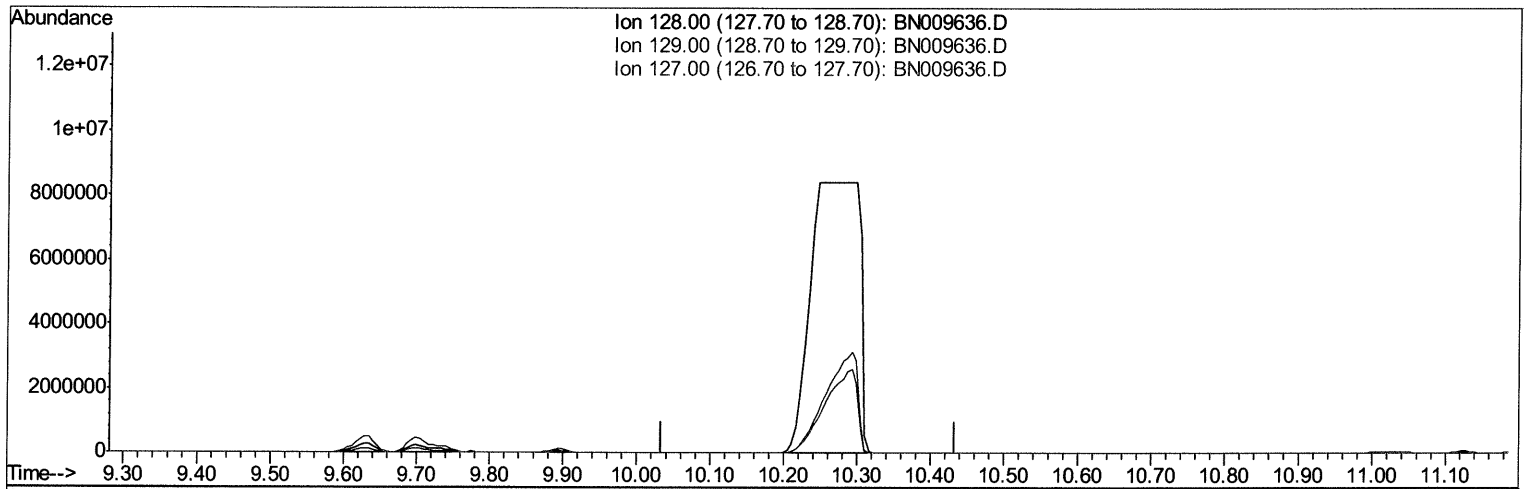
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
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Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
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Response via : Initial Calibration



TIC: BN009636.D

(28) Naphthalene

10.234min (-10.234) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 0.00  |
| 129.00 | 10.90 | 0.00# |
| 127.00 | 13.40 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

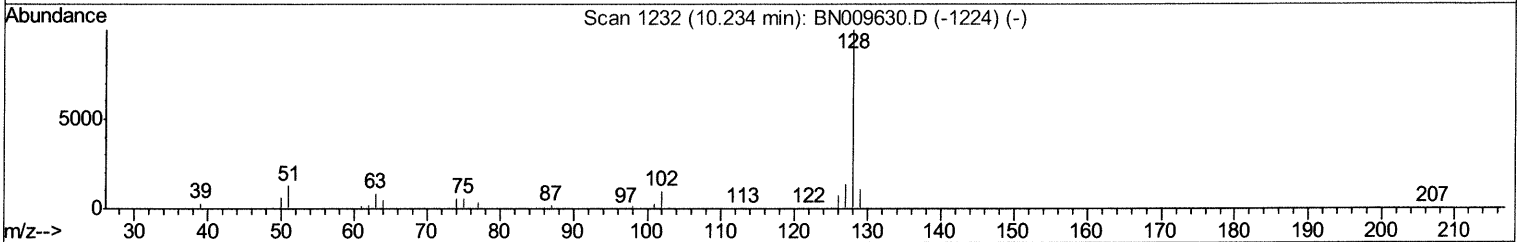
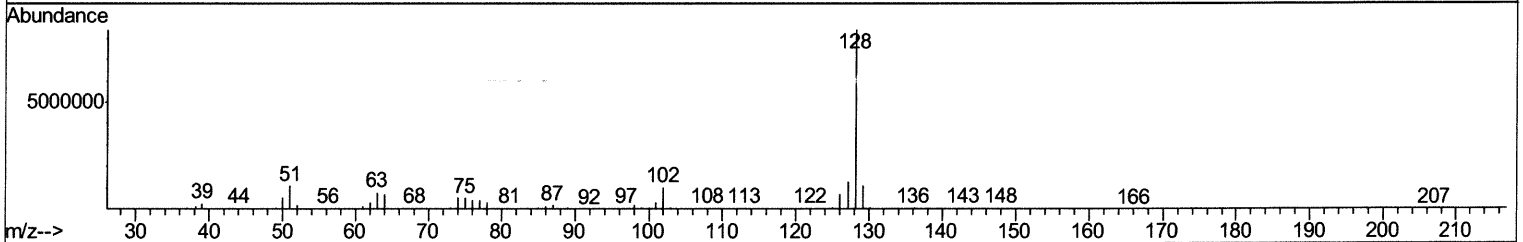
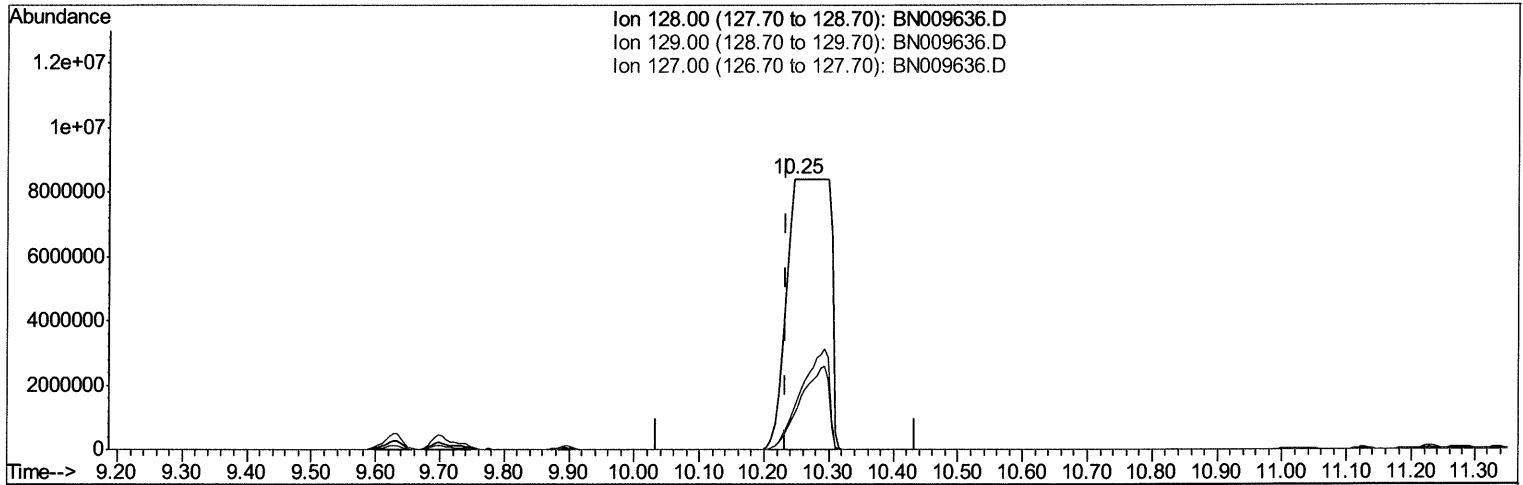
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
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 Operator : CG/JU  
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 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 GAT70

**Manual Integrations**  
**APPROVED**

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
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 Response via : Initial Calibration



TIC: BN009636.D

(28) Naphthalene

10.246min (+0.012) 833.80ng/ul m *JU 02/13/20*

response 38651844

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 100   |
| 129.00 | 10.90 | 12.92 |
| 127.00 | 13.40 | 14.85 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

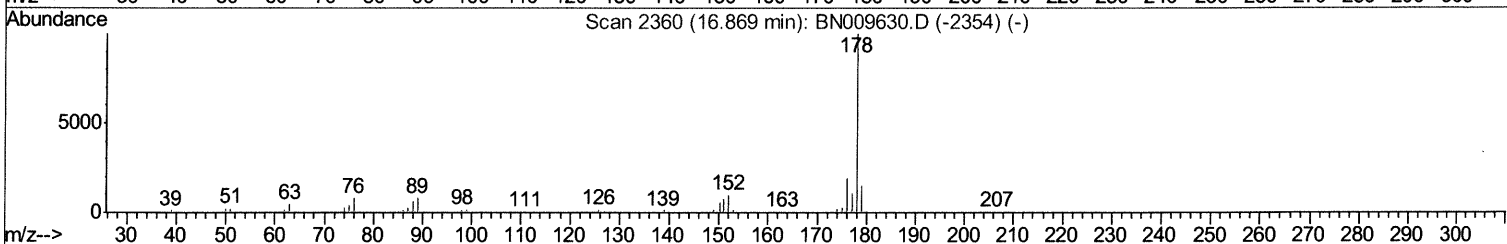
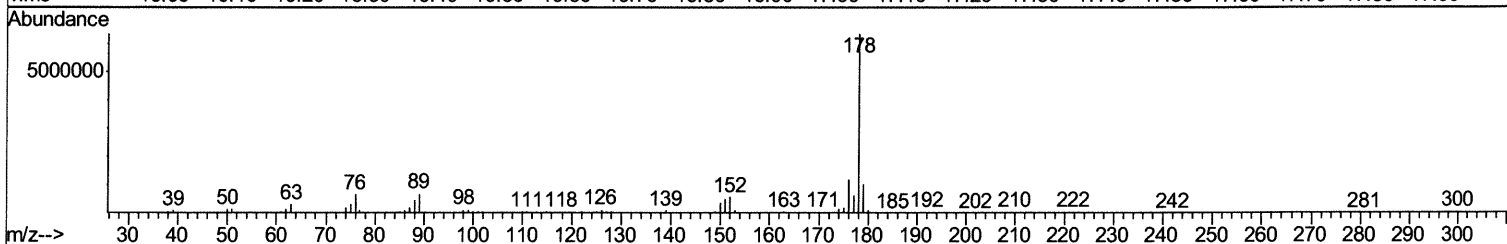
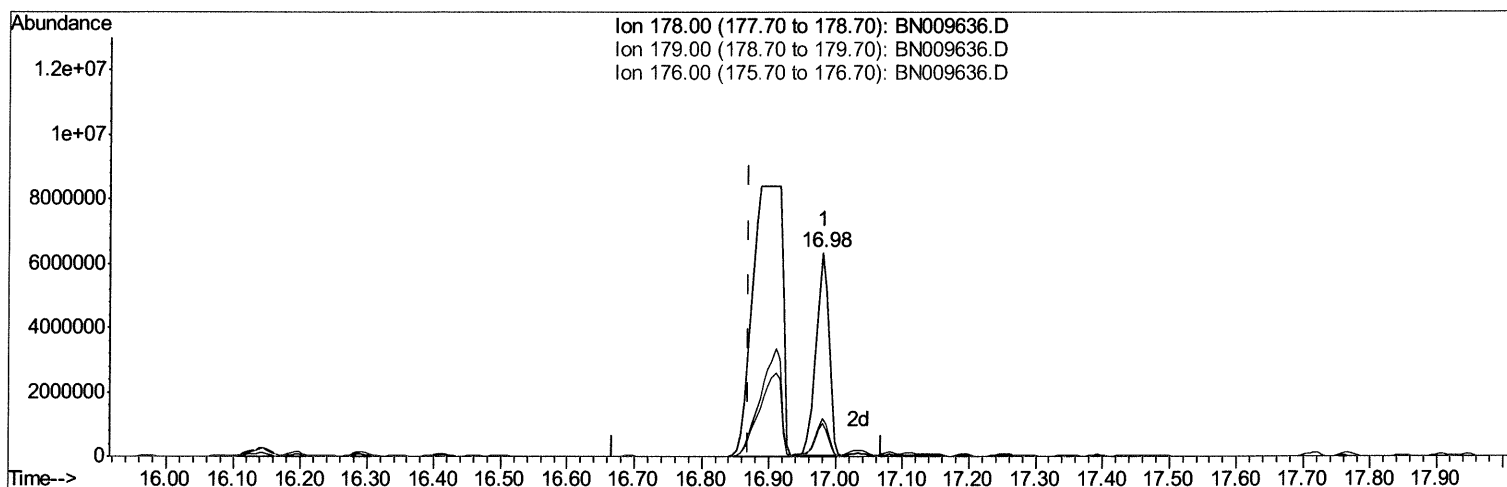
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(69) Phenanthrene

16.981min (+0.112) 148.18ng/ul

response 8543607

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.20 | 15.95 |
| 176.00 | 18.50 | 18.53 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

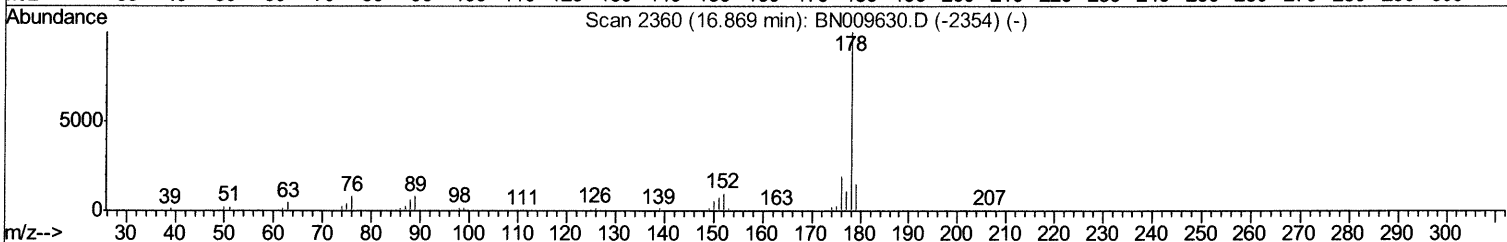
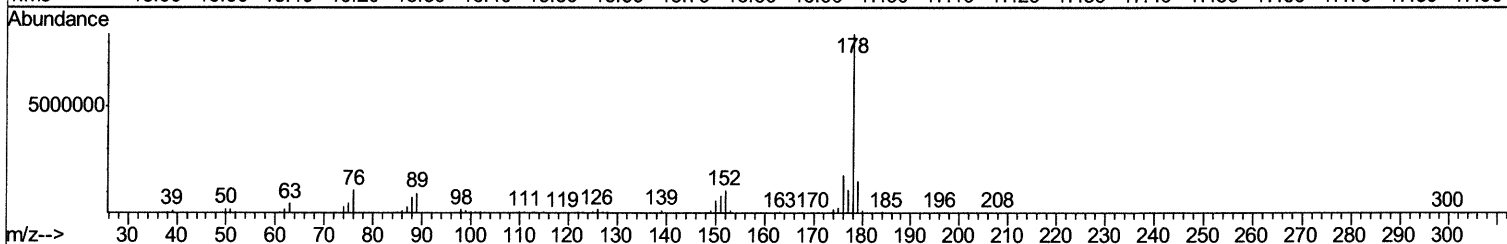
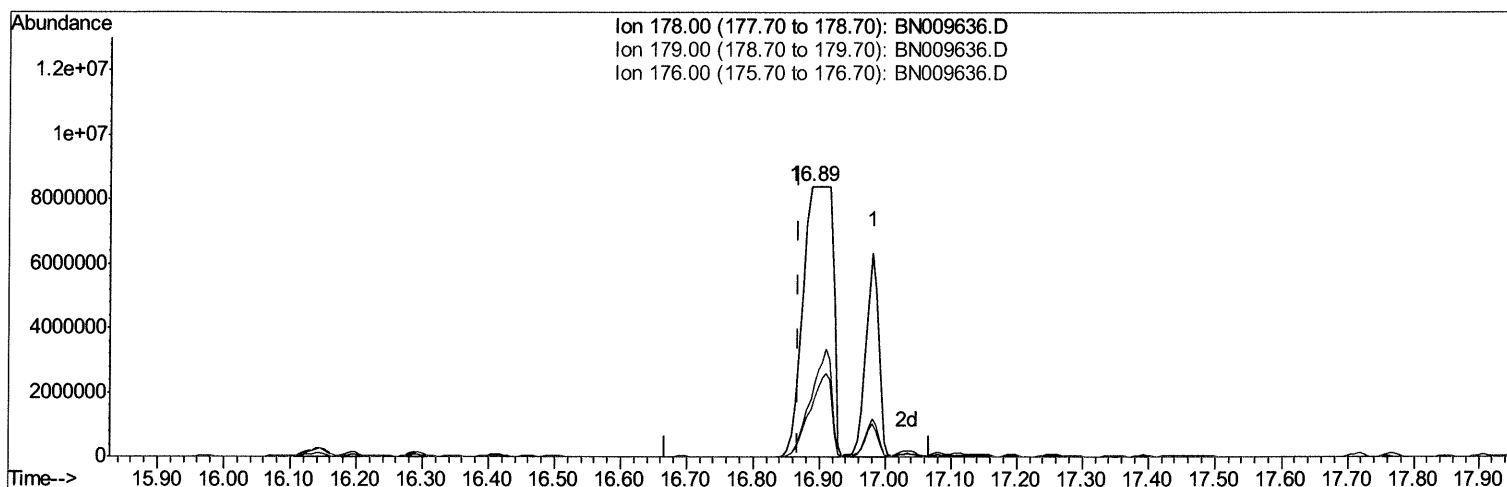
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
 Data File : BN009636.D  
 Acq On : 07 Feb 2020 07:47  
 Operator : CG/JU  
 Sample : L1324-15 10X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT70

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 11:16:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 07 11:12:58 2020  
 Response via : Initial Calibration



TIC: BN009636.D

(69) Phenanthrene

16.886min (+0.018) 452.33ng/ul m JU 02/13/20

response 26080296

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.20 | 17.72 |
| 176.00 | 18.50 | 21.35 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

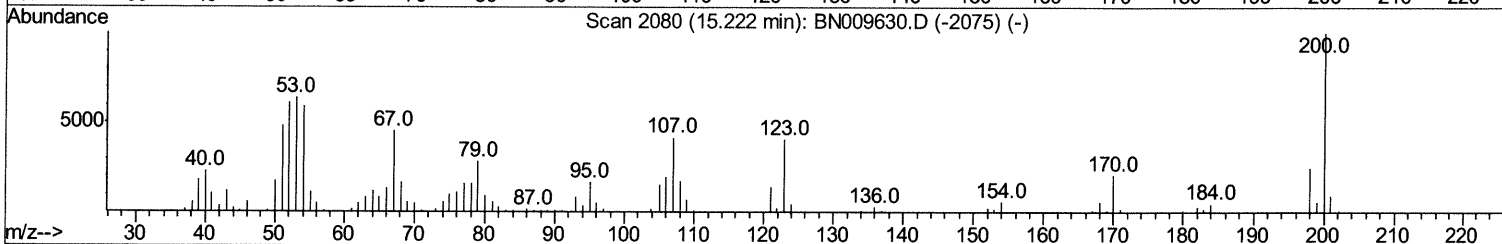
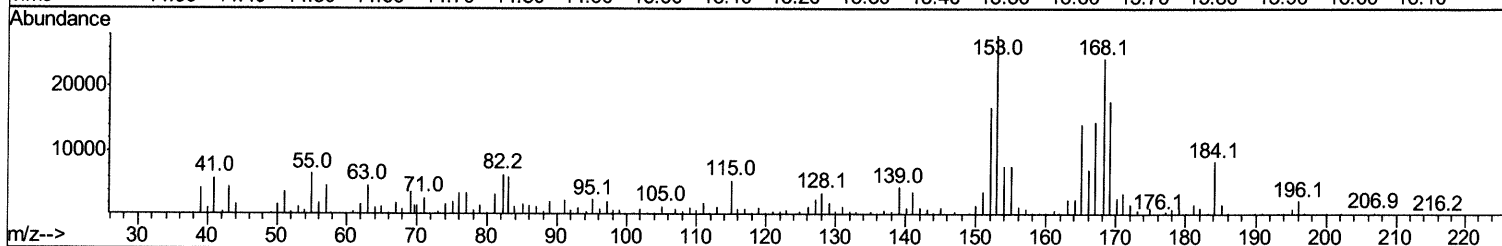
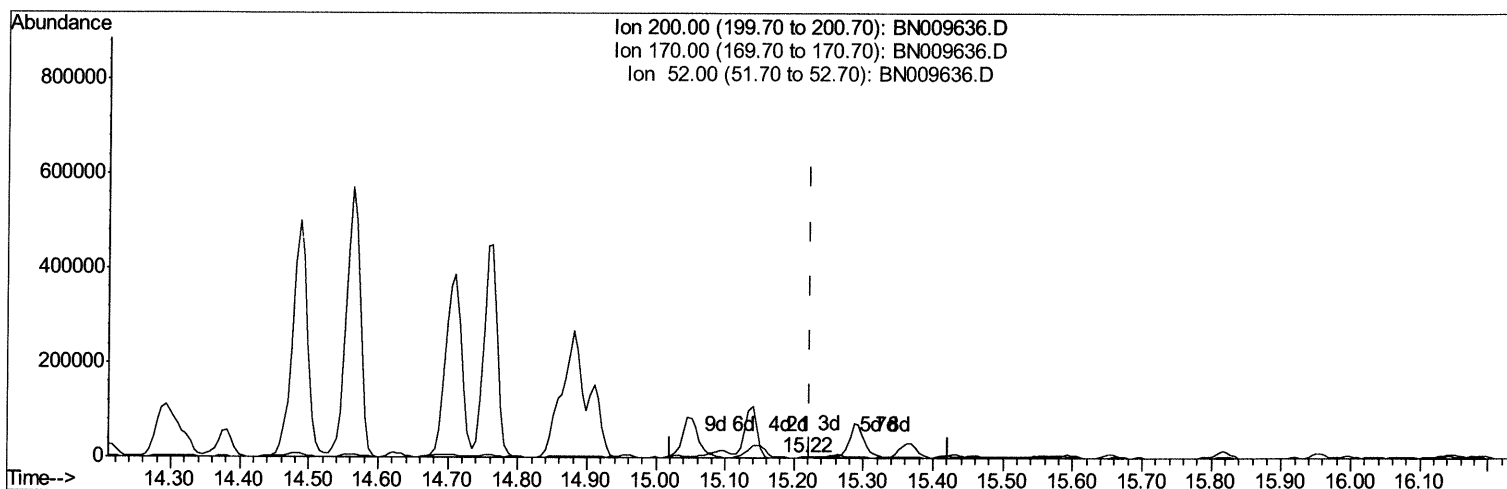
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020620\  
Data File : BN009636.D  
Acq On : 07 Feb 2020 07:47  
Operator : CG/JU  
Sample : L1324-15 10X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT70

Manual Integrations  
APPROVED

mohammad  
2/10/2020 8:20:24 AM

Quant Time: Feb 07 13:45:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 07 11:12:58 2020  
Response via : Initial Calibration



TIC: BN009636.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.216min (-0.006) 0.05ng/ul

response 344

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 200.00 | 100   | 100     |
| 170.00 | 22.30 | 545.45# |
| 52.00  | 68.10 | 137.58# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

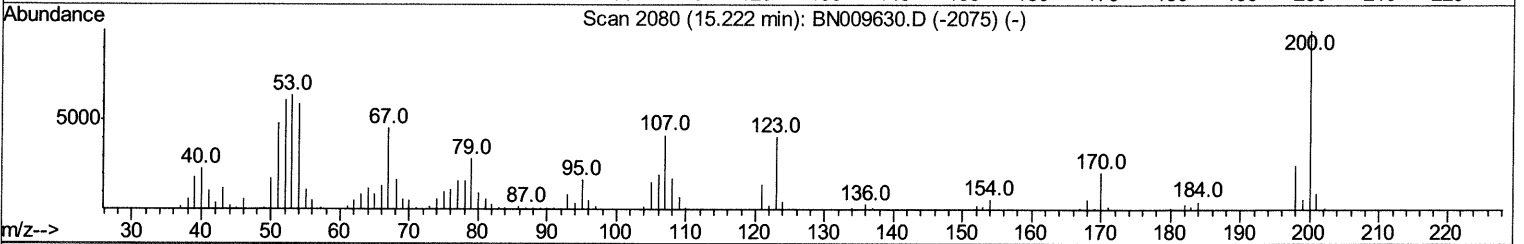
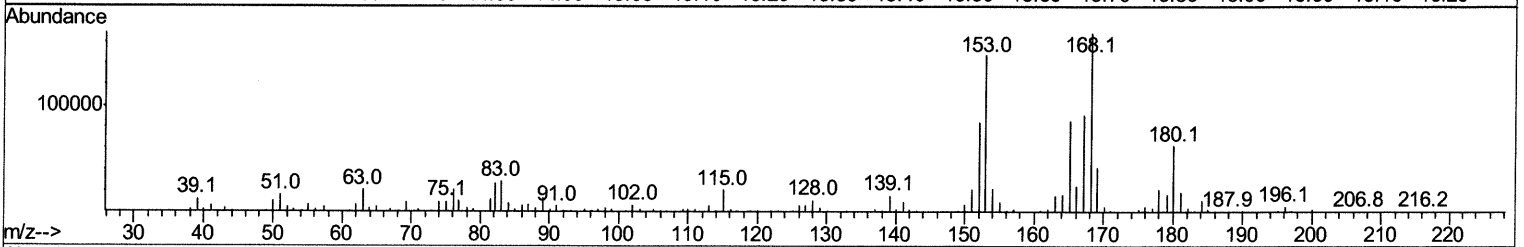
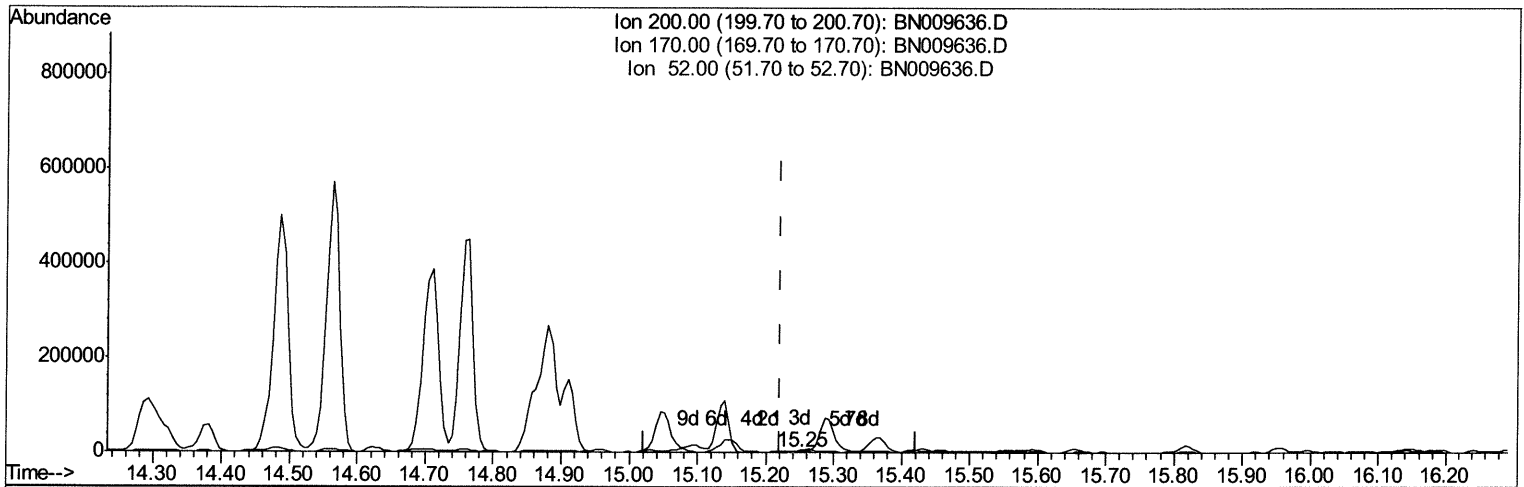
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\  
 Data File : BN009636.D  
 Acq On : 07 Feb 2020 07:47  
 Operator : CG/JU  
 Sample : L1324-15 10X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT70

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 13:45:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 07 11:12:58 2020  
 Response via : Initial Calibration



TIC: BN009636.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.251min (+0.029) 0.64ng/ul m **JU 02/13/20**

response 4047

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 200.00 | 100   | 100     |
| 170.00 | 22.30 | 245.89# |
| 52.00  | 68.10 | 241.59# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020620\  
 Data File : BN009636.D  
 Acq On : 07 Feb 2020 07:47  
 Operator : CG/JU  
 Sample : L1324-15 10X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT70

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:20:24 AM

Quant Time: Feb 07 14:57:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 07 11:12:58 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 210760   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.20 | 136  | 854822   | 20.00 | ng/ul | 0.02     |
| 35) Acenaphthene-d10      | 14.07 | 164  | 536111   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.83 | 188  | 1011034  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.06 | 240  | 880608   | 20.00 | ng/ul | 0.02     |
| 85) Perylene-d12          | 23.17 | 264  | 987580   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |      |       |      |             |
|--------------------------------|-------|-----|---------|------|-------|------|-------------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 840m    | 0.16 | ng/uL | 0.02 | JU 02/13/20 |
| 5) Phenol-d5                   | 6.64  | 99  | 28528   | 1.55 | ng/ul | 0.00 |             |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 24534   | 1.99 | ng/ul | 0.00 |             |
| 9) 2-Chlorophenol-d4           | 6.98  | 132 | 21821   | 1.61 | ng/ul | 0.00 |             |
| 13) 4-Methylphenol-d8          | 8.15  | 113 | 24499   | 1.67 | ng/ul | 0.00 |             |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 15191   | 2.39 | ng/ul | 0.01 |             |
| 22) 2-Nitrophenol-d4           | 9.29  | 143 | 12421   | 1.75 | ng/ul | 0.00 |             |
| 26) 2,4-Dichlorophenol-d3      | 9.83  | 165 | 22256   | 1.67 | ng/ul | 0.02 |             |
| 29) 4-Chloroaniline-d4         | 10.35 | 131 | 5025    | 0.35 | ng/ul | 0.01 |             |
| 43) Dimethylphthalate-d6       | 13.50 | 166 | 87763   | 2.24 | ng/ul | 0.00 |             |
| 46) Acenaphthylene-d8          | 13.77 | 160 | 90664   | 1.92 | ng/ul | 0.01 |             |
| 51) 4-Nitrophenol-d4           | 14.33 | 143 | 7905    | 1.07 | ng/ul | 0.02 |             |
| 57) Fluorene-d10               | 15.08 | 176 | 68416   | 1.99 | ng/ul | 0.00 |             |
| 62) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 4047m   | 0.64 | ng/ul | 0.03 | JU 02/13/20 |
| 70) Anthracene-d10             | 16.94 | 188 | 100639m | 2.19 | ng/ul | 0.01 |             |
| 78) Pyrene-d10                 | 19.25 | 212 | 103905  | 2.24 | ng/ul | 0.01 |             |
| 89) Benzo(a)pyrene-d12         | 23.04 | 264 | 98092   | 2.02 | ng/ul | 0.02 |             |

## Target Compounds

|                            |       |     |           |         | Ovalue |             |
|----------------------------|-------|-----|-----------|---------|--------|-------------|
| 28) Naphthalene            | 10.25 | 128 | 38651844m | 833.800 | ng/ul  | JU 02/13/20 |
| 34) 2-Methylnaphthalene    | 11.89 | 142 | 21730369  | 669.849 | ng/ul  | 91          |
| 40) 1,1'-Biphenyl          | 12.90 | 154 | 3783705   | 90.647  | ng/ul  | 99          |
| 47) Acenaphthylene         | 13.80 | 152 | 15818407  | 305.673 | ng/ul  | 96          |
| 49) Acenaphthene           | 14.14 | 153 | 1397977   | 39.738  | ng/ul  | 100         |
| 53) Dibenzofuran           | 14.48 | 168 | 1427781   | 29.145  | ng/ul  | 93          |
| 58) Fluorene               | 15.15 | 166 | 9849139   | 240.566 | ng/ul  | 100         |
| 69) Phenanthrene           | 16.89 | 178 | 26080296m | 452.326 | ng/ul  | JU 02/13/20 |
| 71) Anthracene             | 16.98 | 178 | 8543607   | 146.036 | ng/ul  | 99          |
| 74) Carbazole              | 17.24 | 167 | 359150    | 7.051   | ng/ul  | 96          |
| 76) Fluoranthene           | 18.92 | 202 | 15337260m | 233.066 | ng/ul  |             |
| 79) Pyrene                 | 19.28 | 202 | 19453434m | 302.615 | ng/ul  | JU 02/13/20 |
| 82) Benzo(a)anthracene     | 21.05 | 228 | 8089311   | 133.045 | ng/ul# | 82          |
| 84) Chrysene               | 21.10 | 228 | 6857076   | 113.285 | ng/ul  | 95          |
| 87) Benzo(b)fluoranthene   | 22.56 | 252 | 5920321   | 95.816  | ng/ul  | 98          |
| 88) Benzo(k)fluoranthene   | 22.59 | 252 | 1241219m  | 20.398  | ng/ul  | JU 02/13/20 |
| 90) Benzo(a)pyrene         | 23.10 | 252 | 6045266   | 105.599 | ng/ul  | 99          |
| 91) Indeno(1,2,3-cd)pyrene | 25.25 | 276 | 2480340   | 36.442  | ng/ul  | 94          |
| 92) Dibenzo(a,h)anthracene | 25.24 | 278 | 766117    | 13.372  | ng/ul# | 84          |
| 93) Benzo(g,h,i)perylene   | 25.88 | 276 | 2597928   | 45.544  | ng/ul  | 97          |

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