

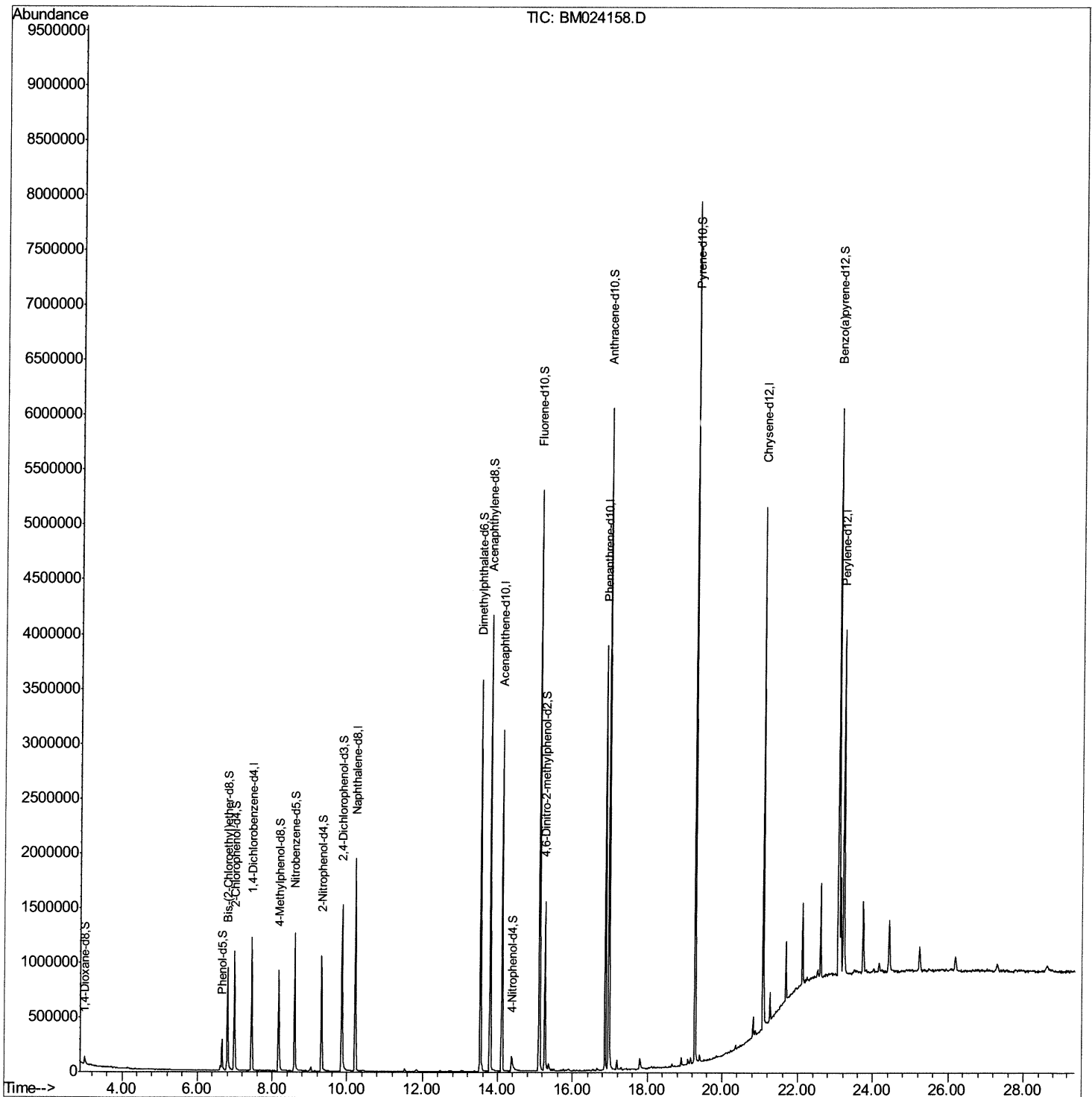
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\  
Data File : BM024158.D  
Acq On : 18 Dec 2019 18:36  
Operator : JU  
Sample : K6170-21  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0BT4

Manual Integrations  
APPROVED

mohammad  
12/19/2019 11:15:51 AM

Quant Time: Dec 19 02:56:00 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 17 15:54:50 2019  
Response via : Initial Calibration



## Quantitation Report (Qedit)

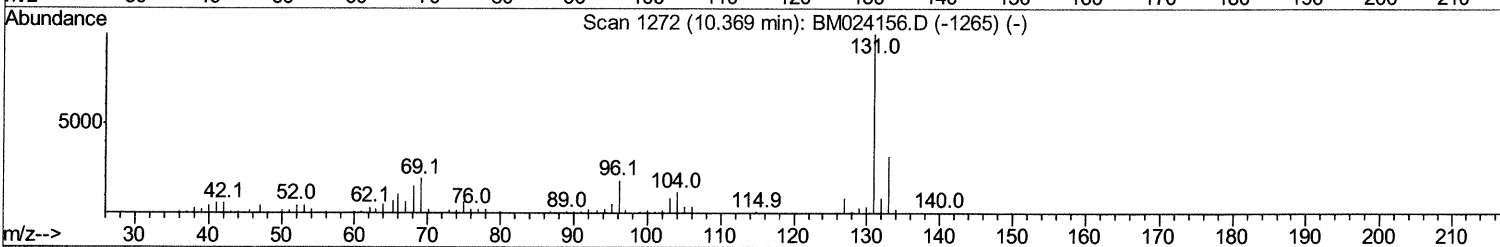
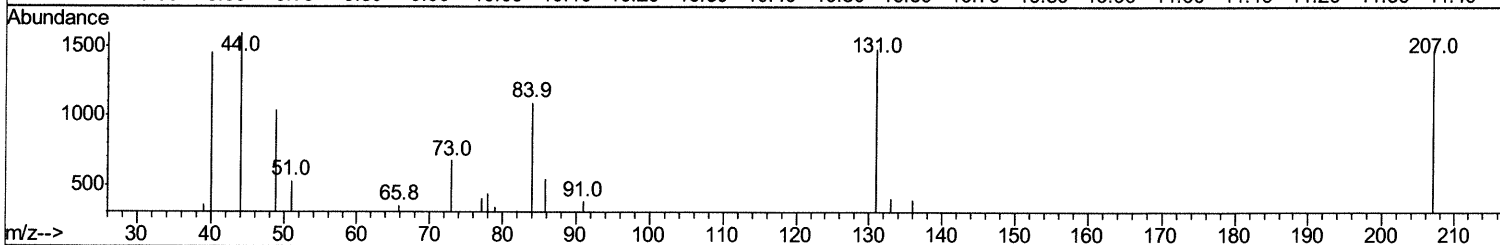
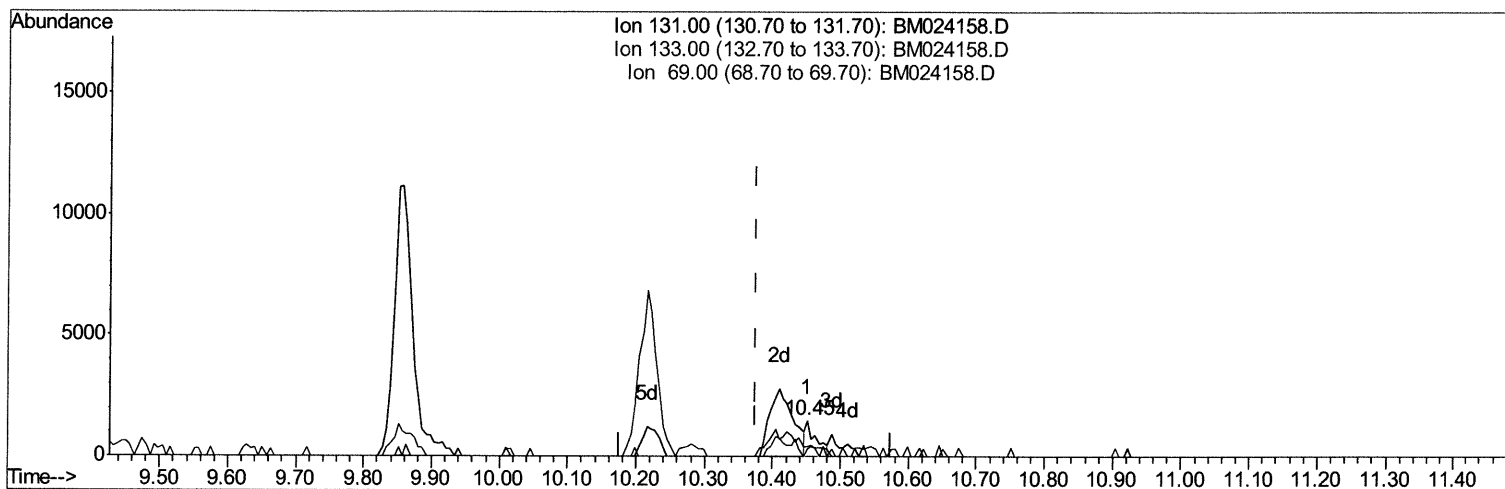
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\  
Data File : BM024158.D  
Acq On : 18 Dec 2019 18:36  
Operator : JU  
Sample : K6170-21  
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Instrument :  
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ClientSampleId :  
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Manual Integrations  
APPROVED

mohammad  
12/19/2019 11:15:51 AM

Quant Time: Dec 19 02:42:33 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 17 15:54:50 2019  
Response via : Initial Calibration



TIC: BM024158.D

(29) 4-Chloroaniline-d4 (S)

10.451min (+0.076) 0.06ng/ul

response 1617

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 32.50 | 27.00 |
| 69.00  | 19.00 | 20.20 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

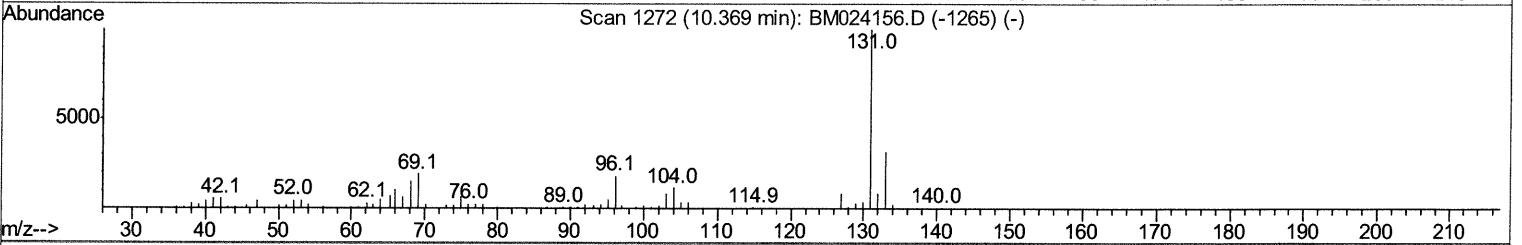
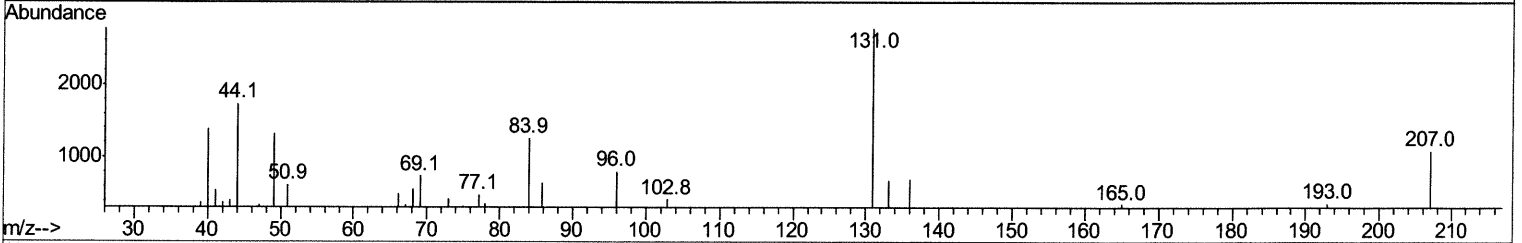
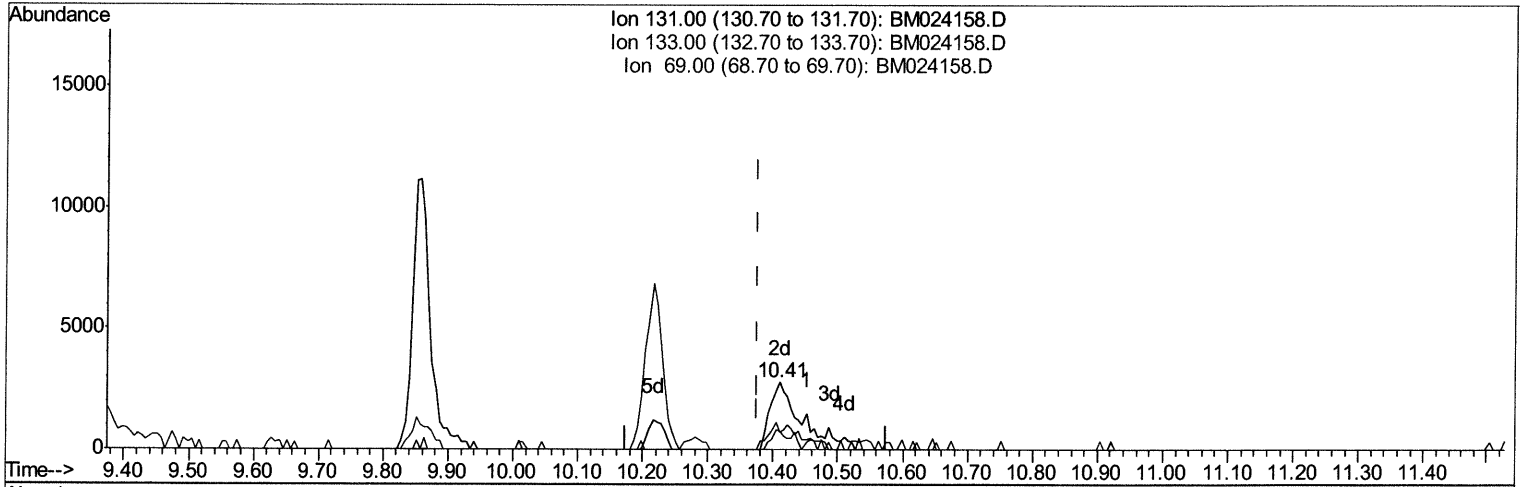
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\  
 Data File : BM024158.D  
 Acq On : 18 Dec 2019 18:36  
 Operator : JU  
 Sample : K6170-21  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 C0BT4

**Manual Integrations**  
**APPROVED**

mohammad  
 12/19/2019 11:15:51 AM

Quant Time: Dec 19 02:42:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 17 15:54:50 2019  
 Response via : Initial Calibration



TIC: BM024158.D

(29) 4-Chloroaniline-d4 (S)

10.410min (+0.035) 0.33ng/ul m **JU 12/20/19**

response 9494

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 32.50 | 25.01# |
| 69.00  | 19.00 | 27.21# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

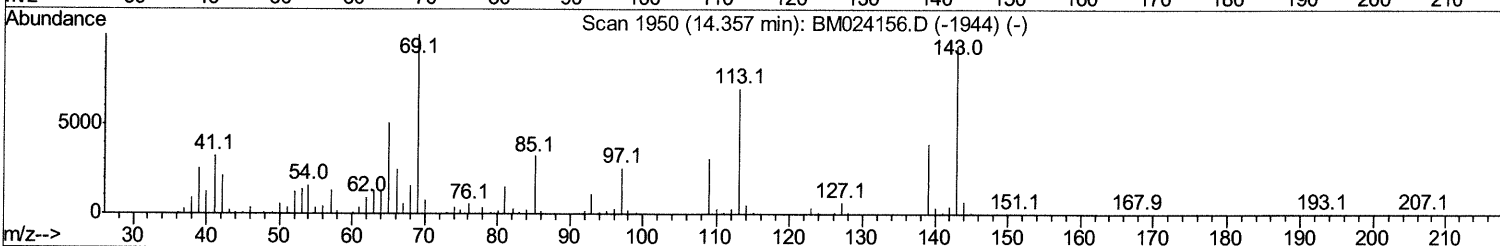
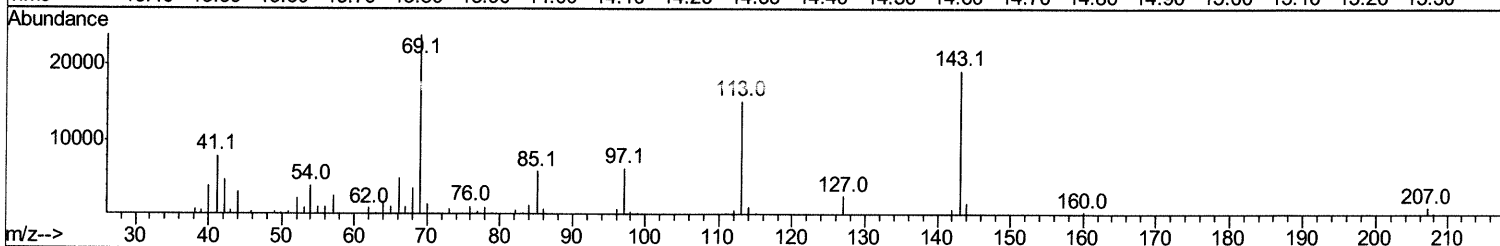
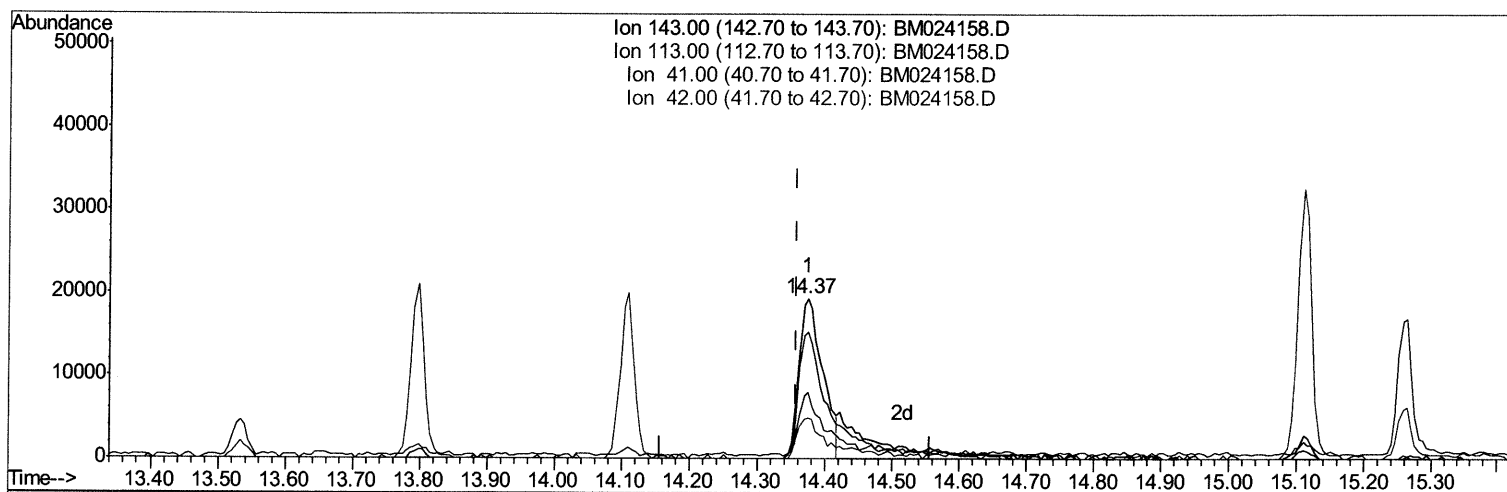
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\  
Data File : BM024158.D  
Acq On : 18 Dec 2019 18:36  
Operator : JU  
Sample : K6170-21  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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TIC: BM024158.D

(52) 4-Nitrophenol-d4 (S)

14.374min (+0.017) 3.52ng/ui

response 46723

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 73.60 | 79.05  |
| 41.00  | 33.90 | 41.28# |
| 42.00  | 22.80 | 25.35  |

# Quantitation Report (Qedit)

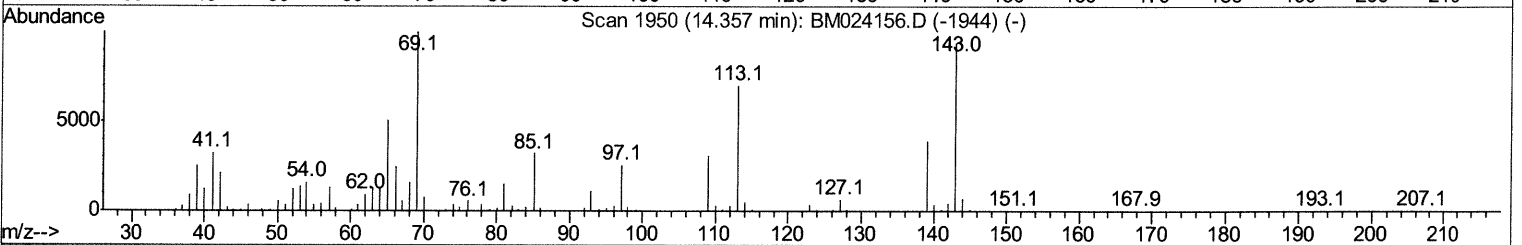
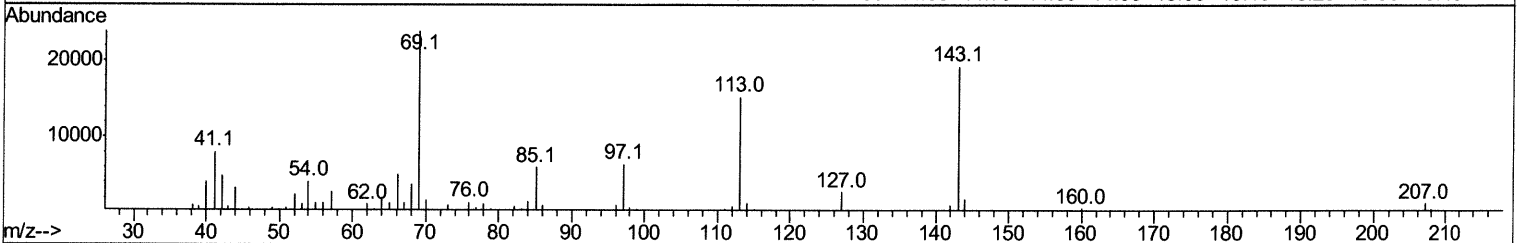
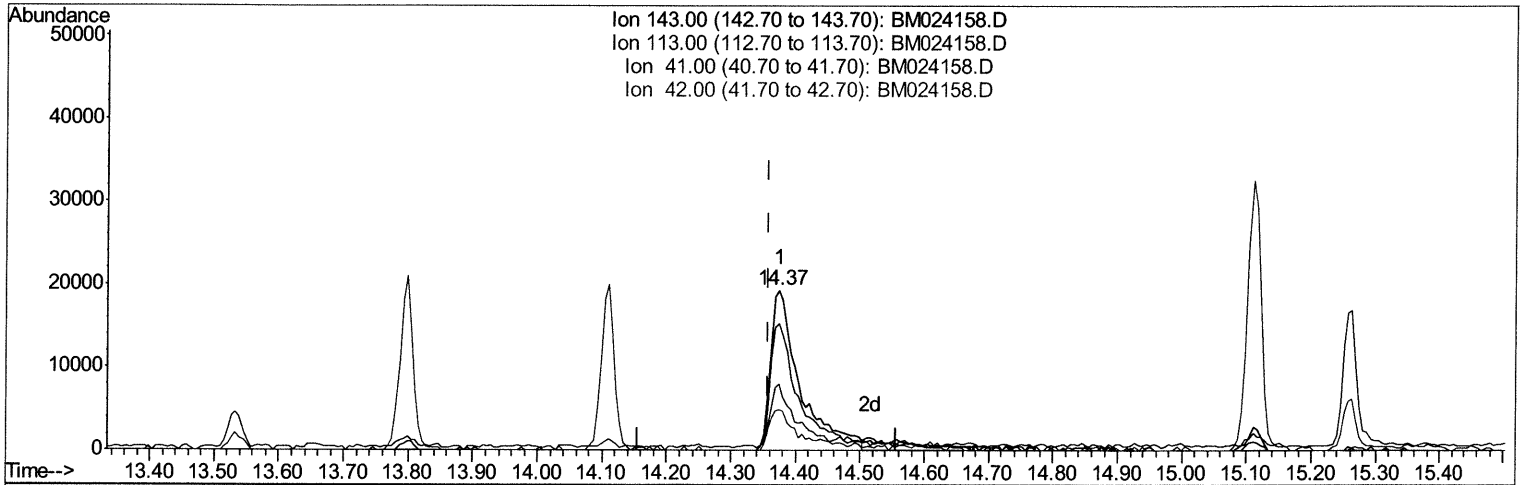
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\  
 Data File : BM024158.D  
 Acq On : 18 Dec 2019 18:36  
 Operator : JU  
 Sample : K6170-21  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BT4

Manual Integrations  
 APPROVED

mohammad  
 12/19/2019 11:15:51 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 17 15:54:50 2019  
 Response via : Initial Calibration



TIC: BM024158.D

(52) 4-Nitrophenol-d4 (S)

14.374min (+0.017) 4.61ng/ul m JU 12/20/19

response 61216

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 73.60 | 79.05  |
| 41.00  | 33.90 | 41.28# |
| 42.00  | 22.80 | 25.35  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\  
 Data File : BM024158.D  
 Acq On : 18 Dec 2019 18:36  
 Operator : JU  
 Sample : K6170-21  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BT4

Manual Integrations  
 APPROVED

mohammad  
 12/19/2019 11:15:51 AM

Quant Time: Dec 19 02:56:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 17 15:54:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 328912   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 1529134  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.11 | 164  | 1000351  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 2147063  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.08 | 240  | 2076647  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.21 | 264  | 2062546  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.00  | 96  | 50662   | 6.80  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.65  | 99  | 189333  | 6.08  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.80  | 67  | 489674  | 26.22 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.99  | 132 | 493028  | 22.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 365498  | 14.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 302613  | 27.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 335122  | 27.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.86  | 165 | 616427  | 26.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.41 | 131 | 9494m   | 0.33  | ng/ul | 0.04 |
| 44) Dimethylphthalate-d6       | 13.53 | 166 | 2306296 | 31.18 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 2644577 | 29.84 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.37 | 143 | 61216m  | 4.61  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.11 | 176 | 2020190 | 31.15 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 323730  | 24.72 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.96 | 188 | 3264351 | 33.41 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.27 | 212 | 3636163 | 36.76 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.08 | 264 | 3563106 | 34.78 | ng/ul | 0.00 |

JU 12/20/19

JU 12/20/19

Target Compounds Ovalue

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