

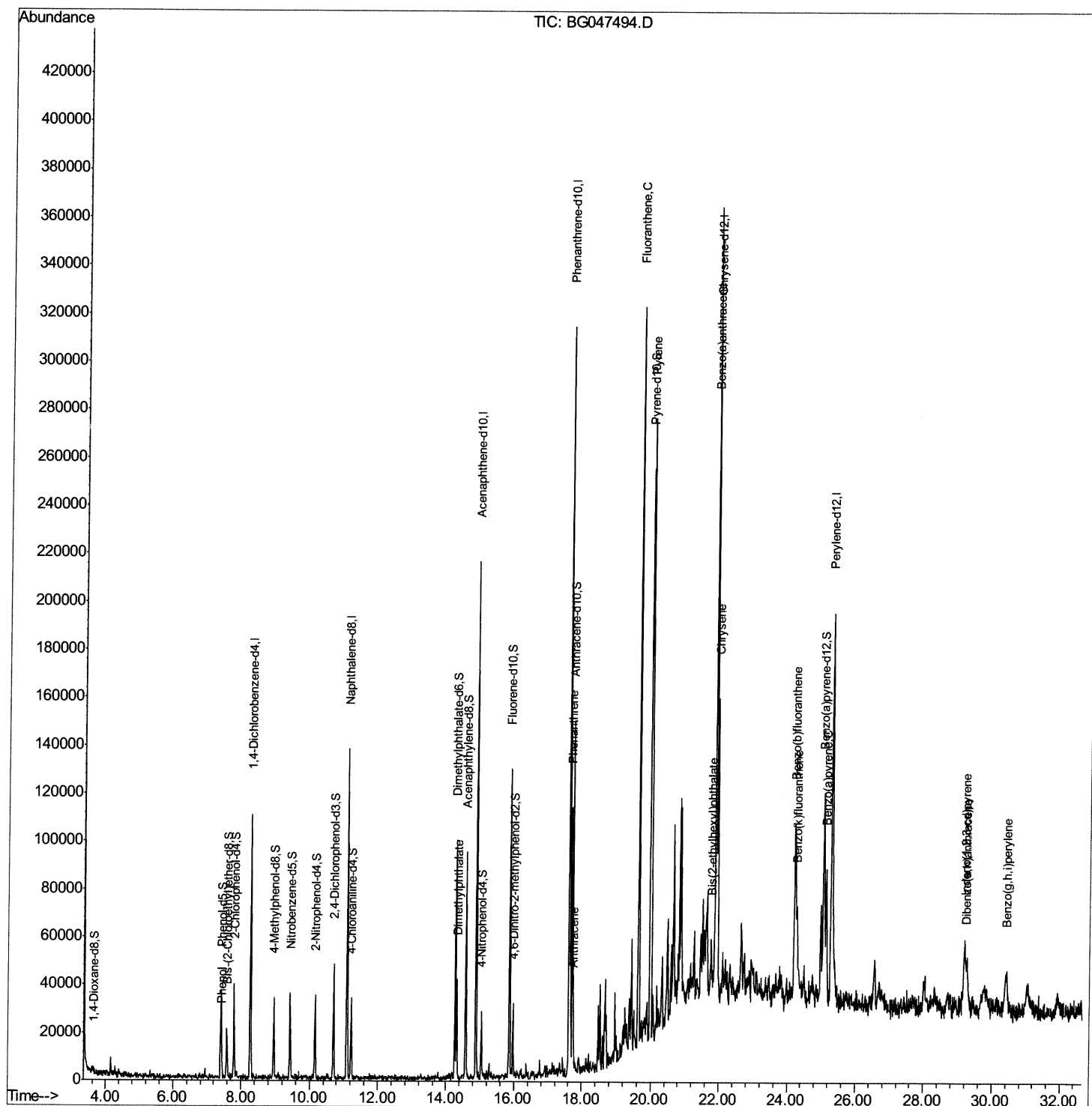
```
Data Path   : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File   : BG047494.D  
Acq On      : 1 Dec 2020 11:32  
Operator    : CG/JU  
Sample      : L4793-20  
Misc        :  
ALS Vial    : 7      Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
C0B49

**Manual Integrations**  
**APPROVED**

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:31:45 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

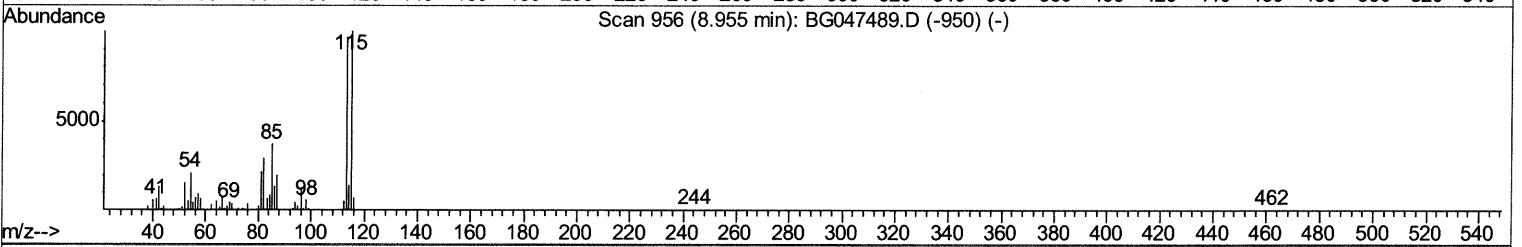
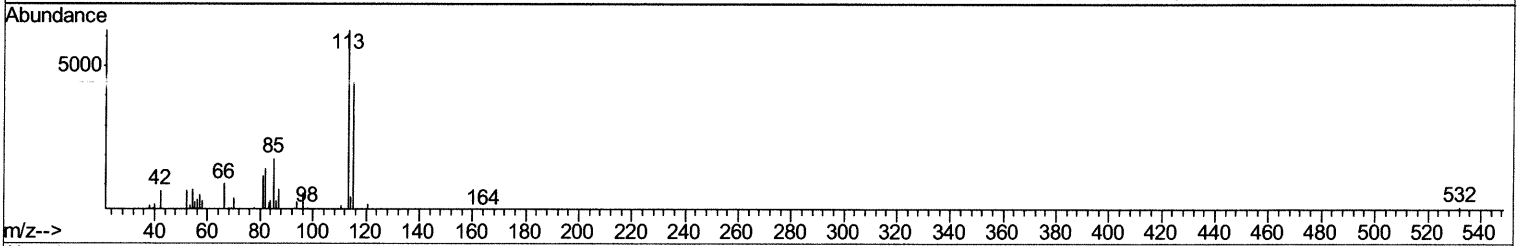
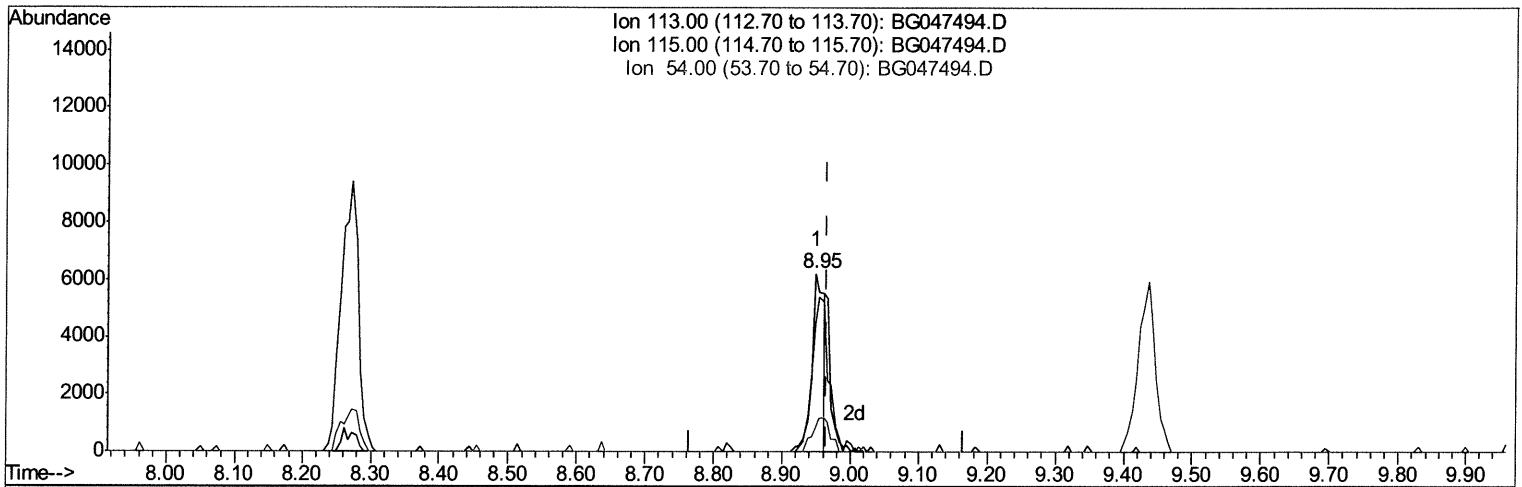
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B49

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:20:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(13) 4-Methylphenol-d8 (S)

8.948min (-0.017) 3.51ng/ul

response 7656

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 115.00 | 94.60 | 71.71# |
| 54.00  | 23.80 | 13.05# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

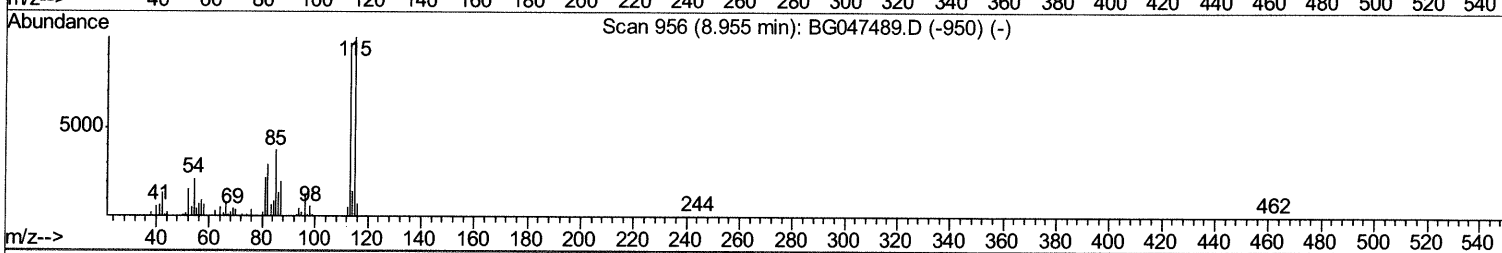
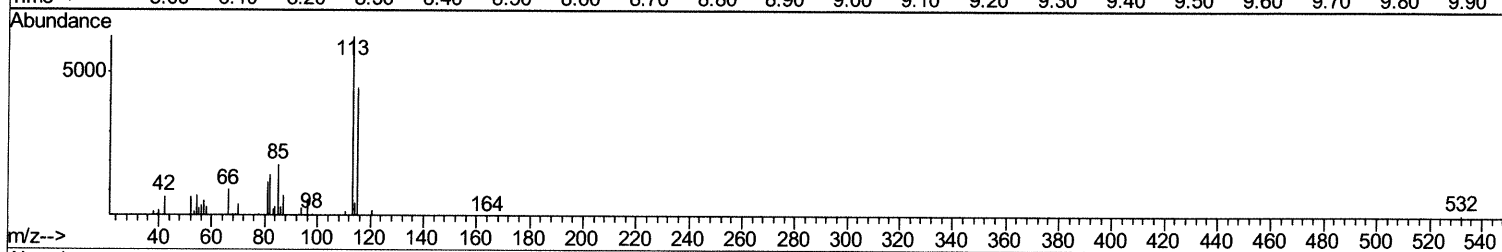
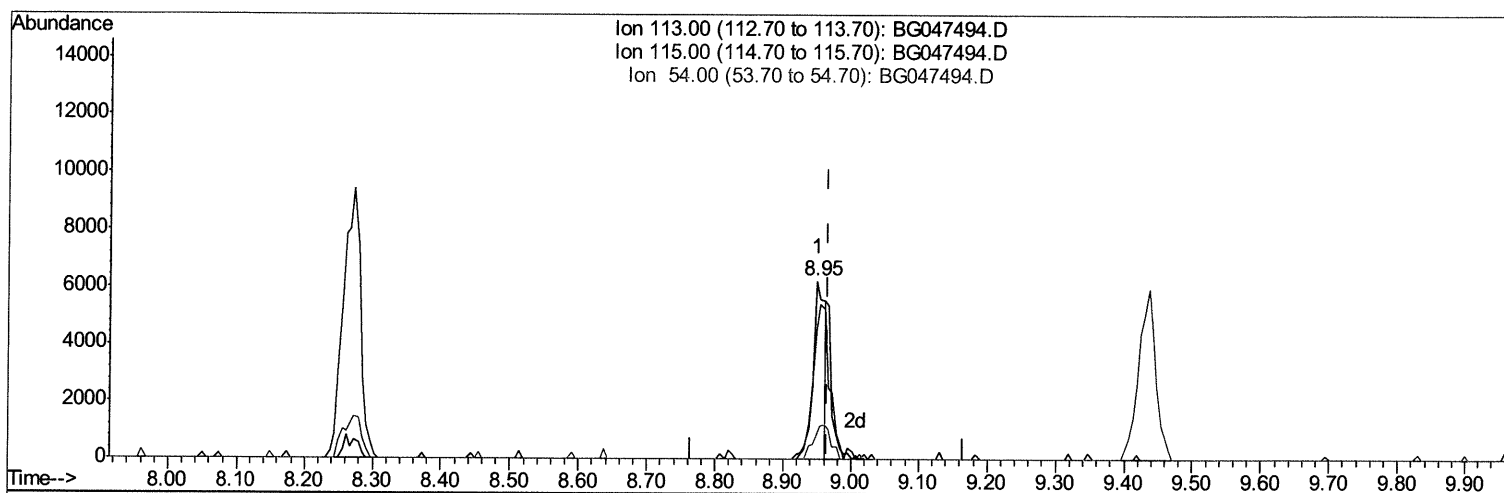
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:20:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(13) 4-Methylphenol-d8 (S)

8.948min (-0.017) 3.51ng/ul

response 7656

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|        |     |     |
|--------|-----|-----|
| 113.00 | 100 | 100 |
|--------|-----|-----|

|        |       |        |
|--------|-------|--------|
| 115.00 | 94.60 | 71.71# |
|--------|-------|--------|

|       |       |        |
|-------|-------|--------|
| 54.00 | 23.80 | 13.05# |
|-------|-------|--------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

# Quantitation Report (Qedit)

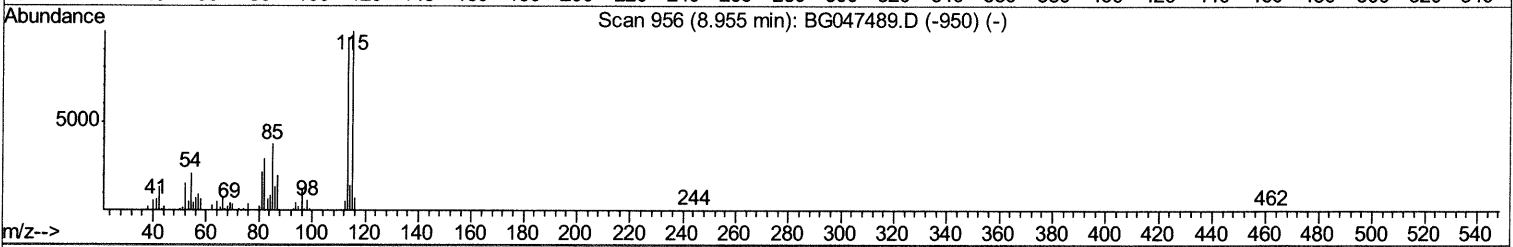
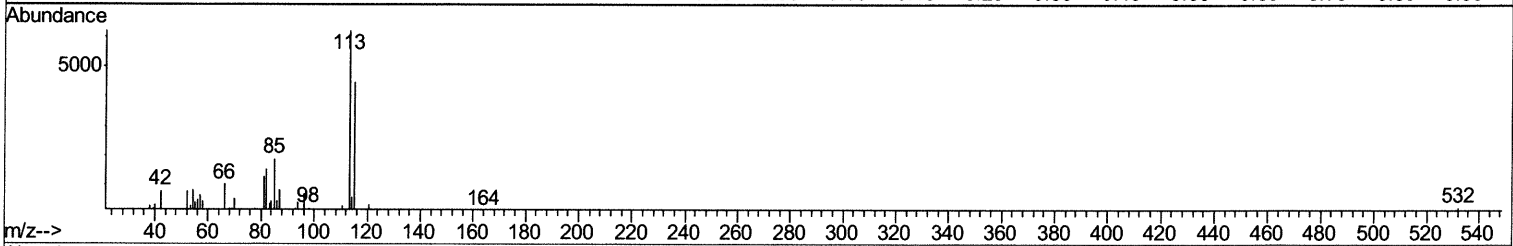
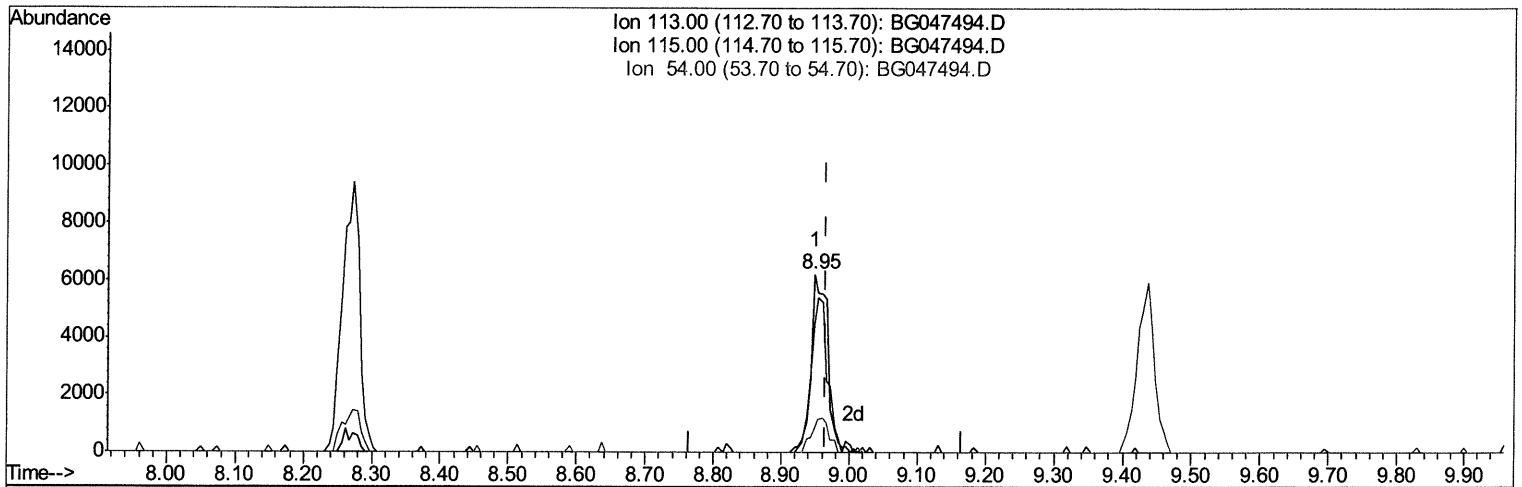
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B49

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:20:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(13) 4-Methylphenol-d8 (S)

8.948min (-0.017) 4.86ng/ul m 12/04/20 54

response 10597

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 115.00 | 94.60 | 71.71# |
| 54.00  | 23.80 | 13.05# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

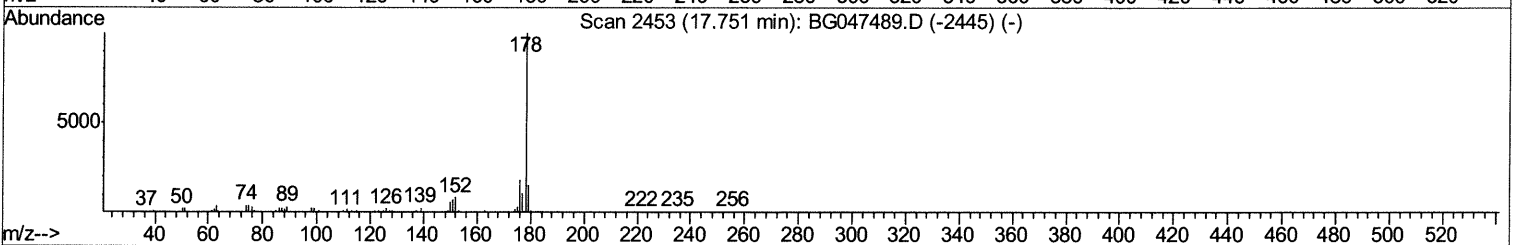
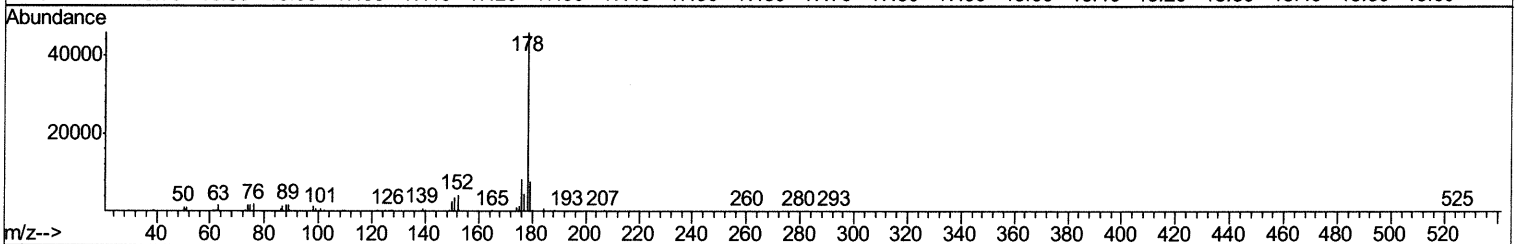
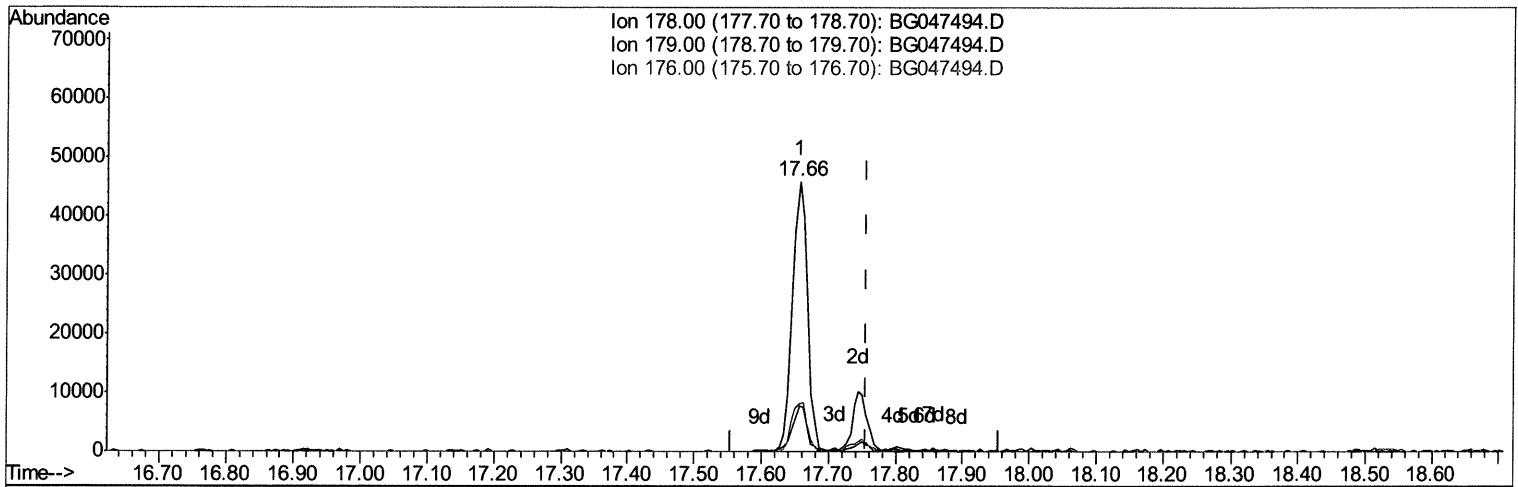
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 C0B49

**Manual Integrations**  
**APPROVED**

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:20:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(72) Anthracene

17.656min (-0.099) 6.48ng/ul

response 70702

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 14.60 | 16.66 |
| 176.00 | 19.20 | 17.76 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

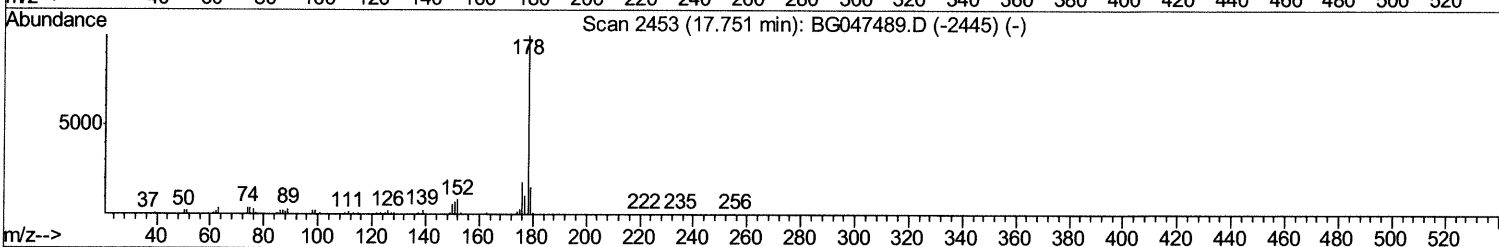
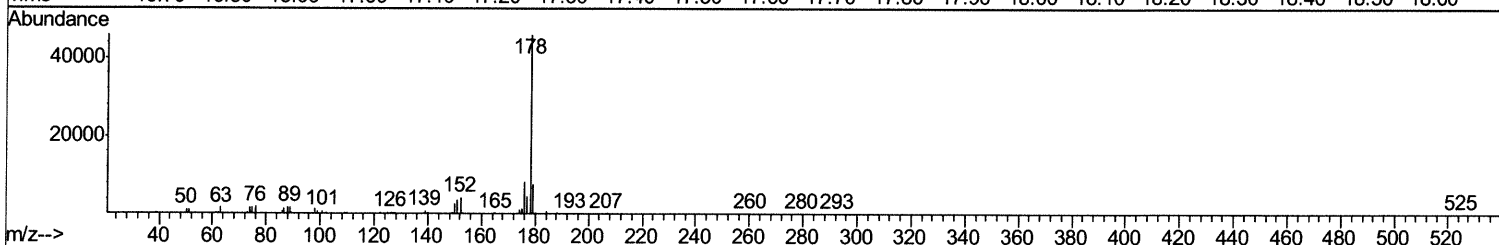
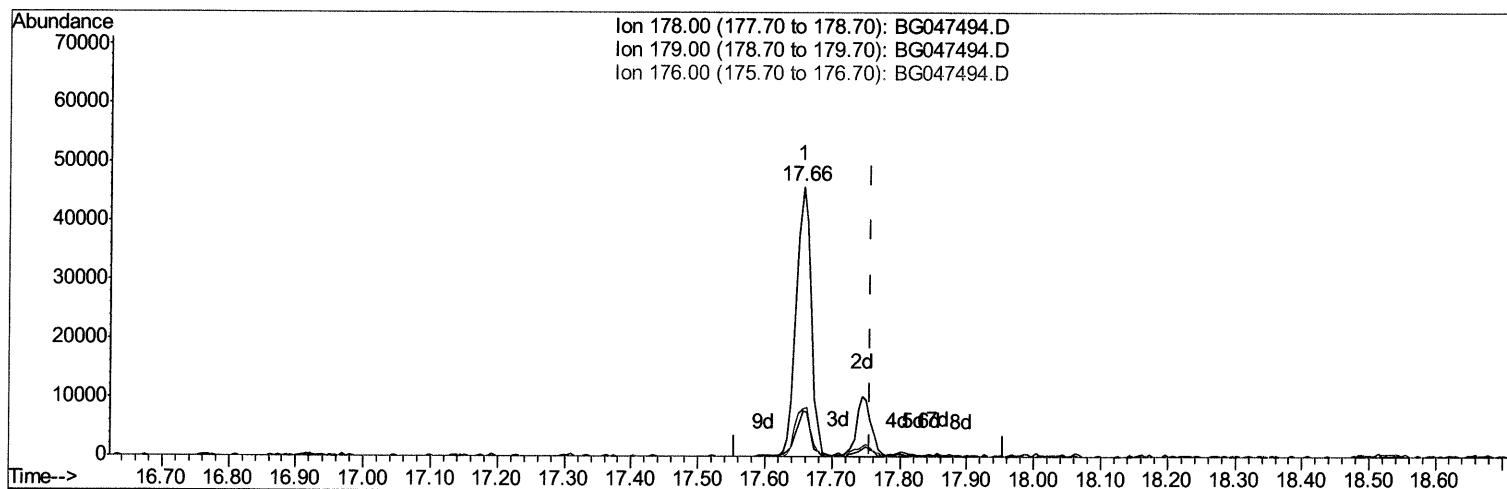
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(72) Anthracene

17.656min (-0.099) 6.48ng/ul

response 70702

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 14.60 | 16.66 |
| 176.00 | 19.20 | 17.76 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

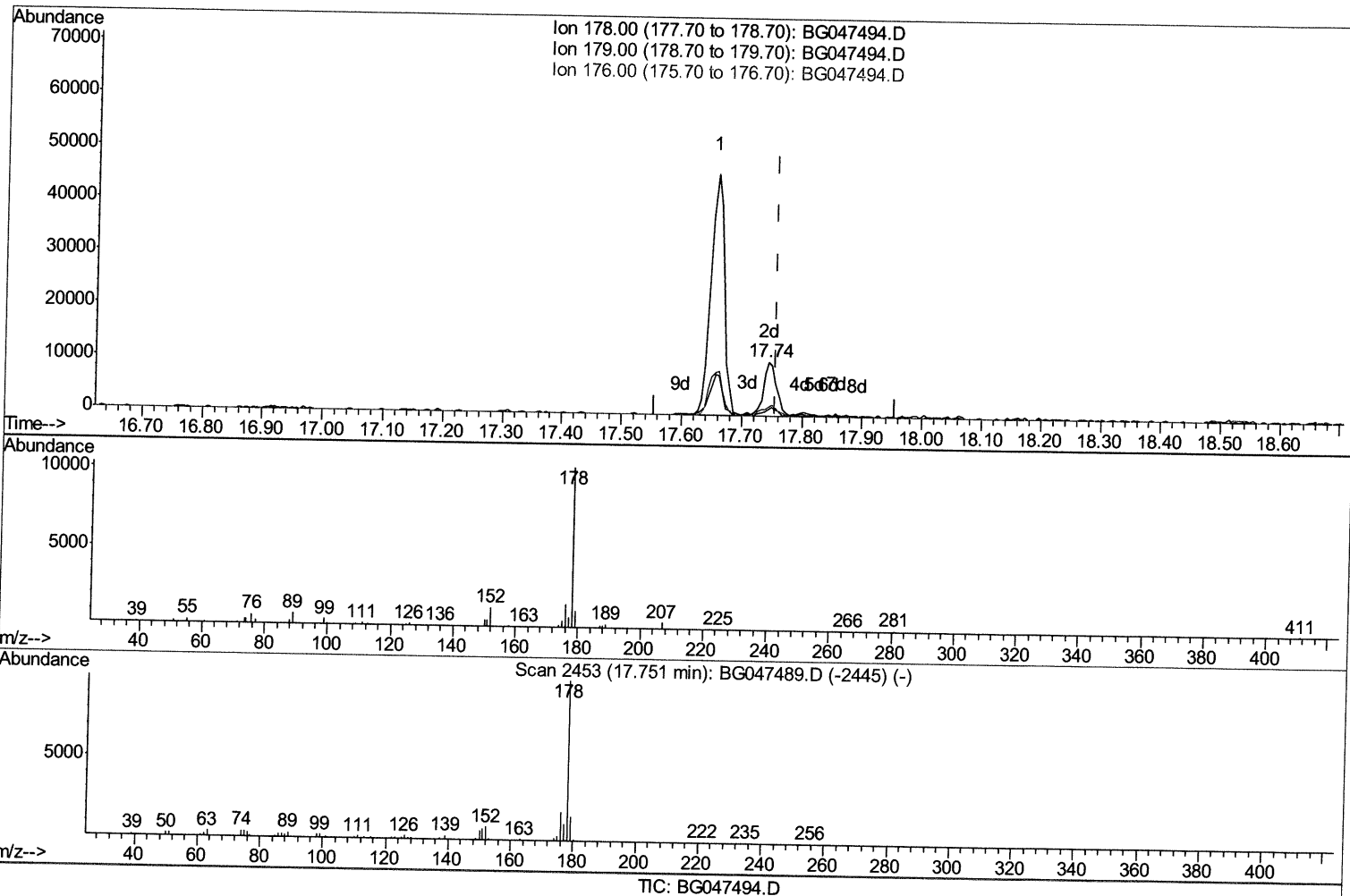
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B49

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



(72) Anthracene

17.744min (-0.011) 1.47ng/ul m 12/04/2024

response 16031

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 14.60 | 11.60# |
| 176.00 | 19.20 | 15.76  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

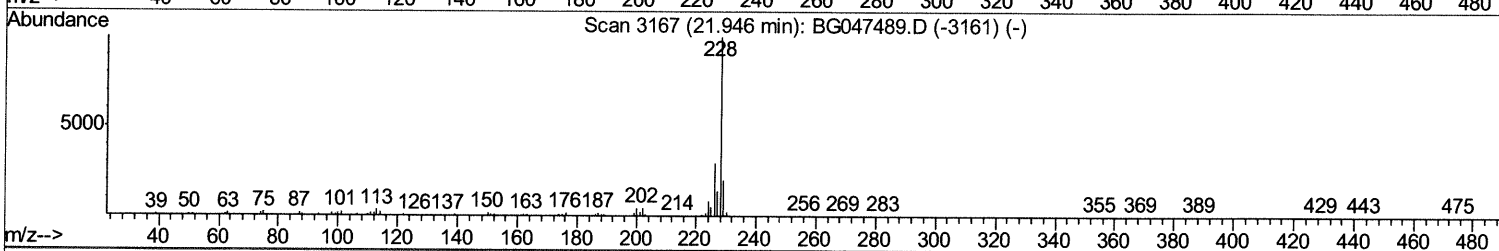
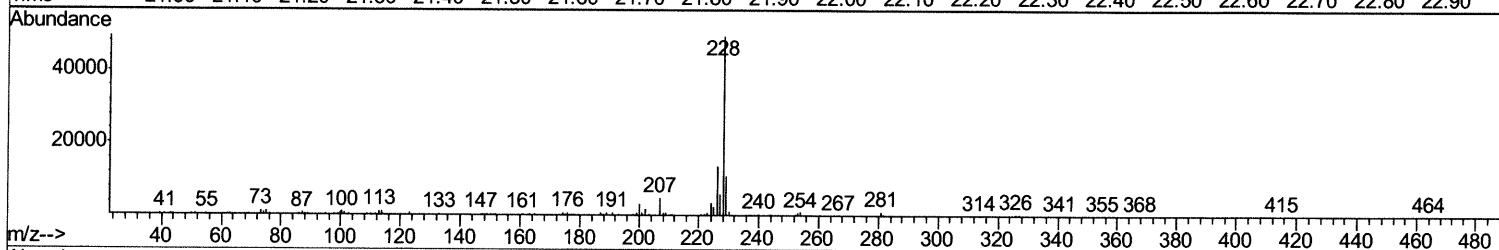
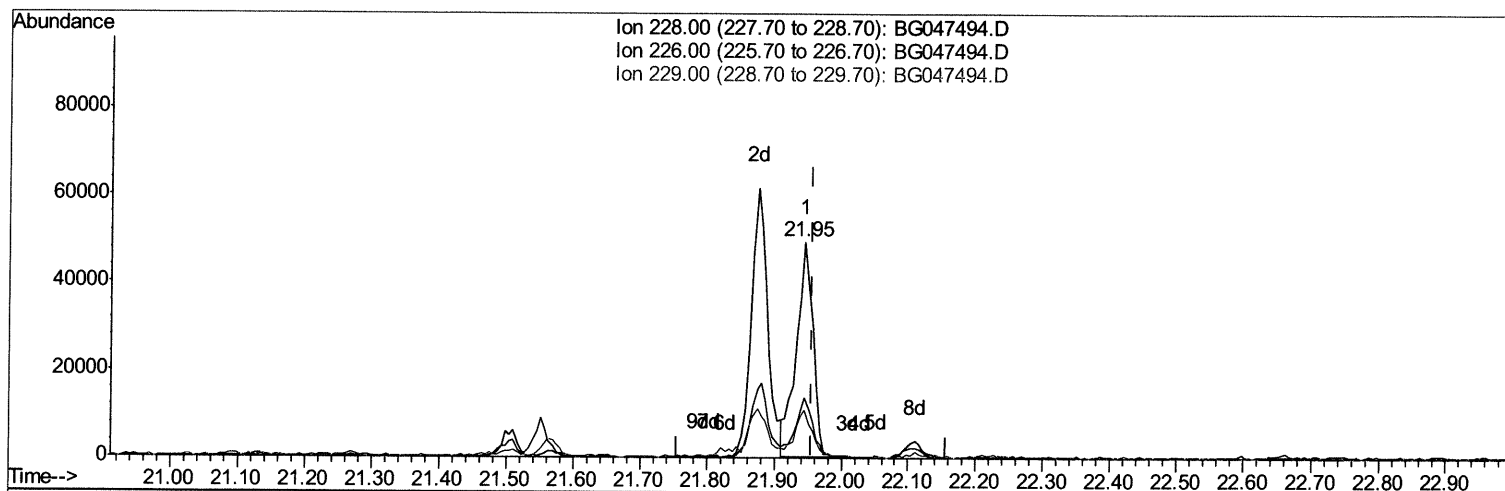
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(85) Chrysene

21.945min (-0.011) 6.71ng/ul

response 84917

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 27.90 | 27.77 |
| 229.00 | 20.60 | 22.01 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

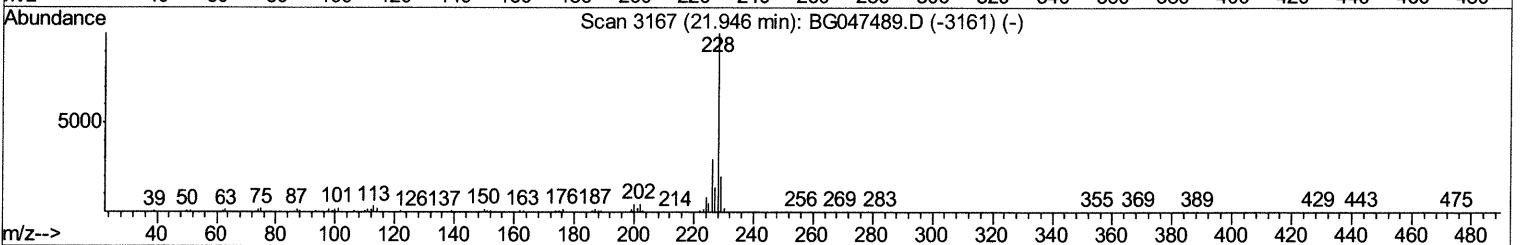
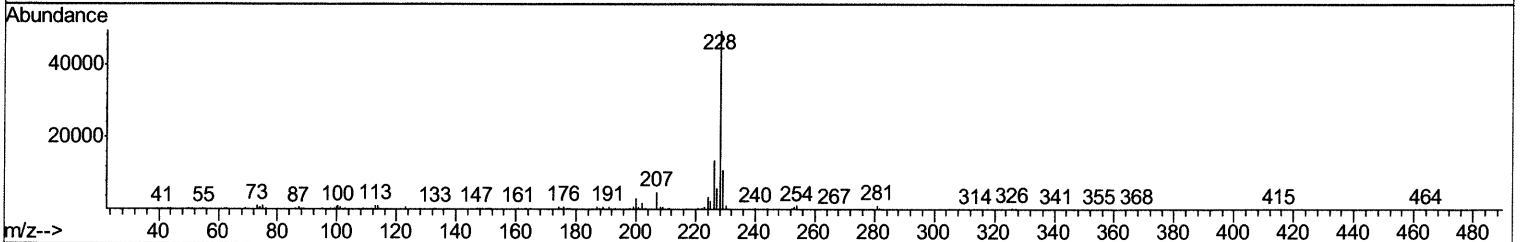
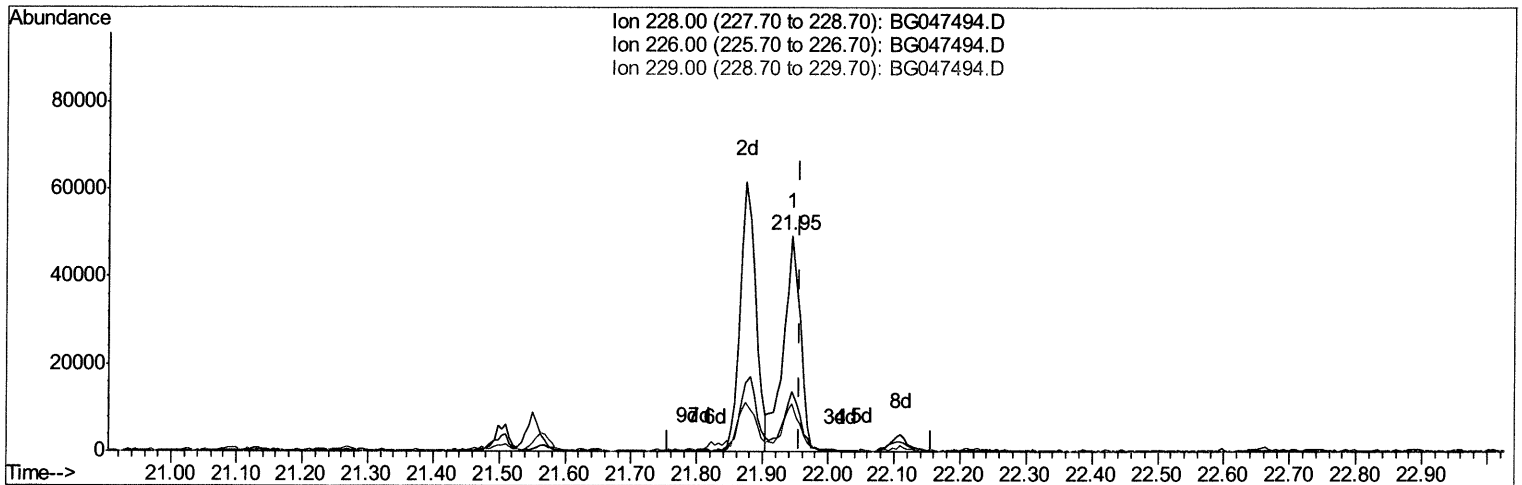
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B49

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(85) Chrysene

21.945min (-0.011) 7.09ng/ul m 12/04/2020 JU

response 89732

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 27.90 | 27.77 |
| 229.00 | 20.60 | 22.01 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

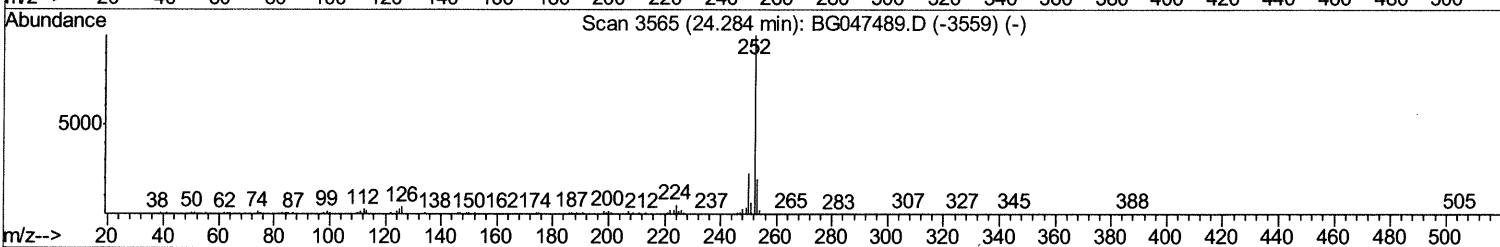
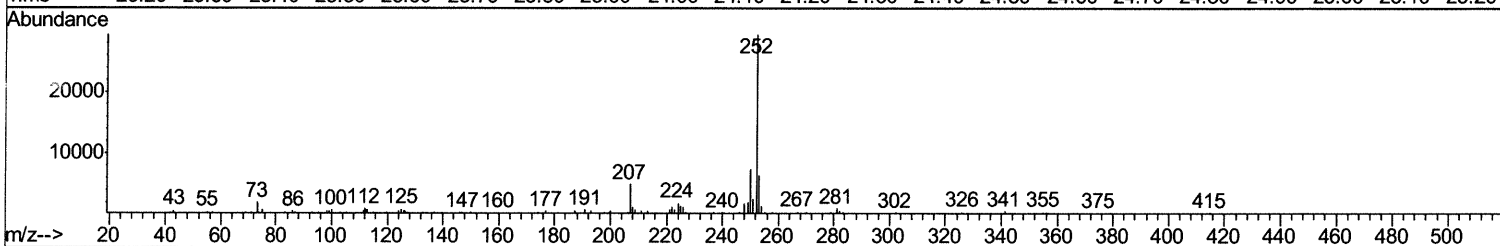
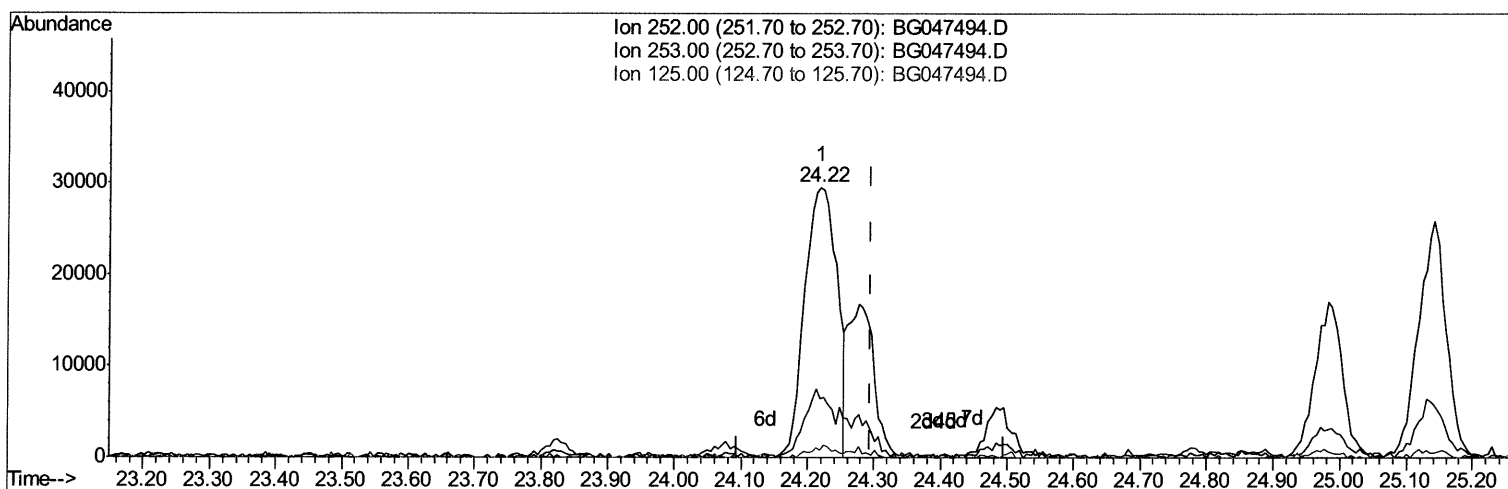
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(89) Benzo(k)fluoranthene

24.219min (-0.076) 7.11ng/ul

response 100498

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 21.98 |
| 125.00 | 2.70  | 2.89  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

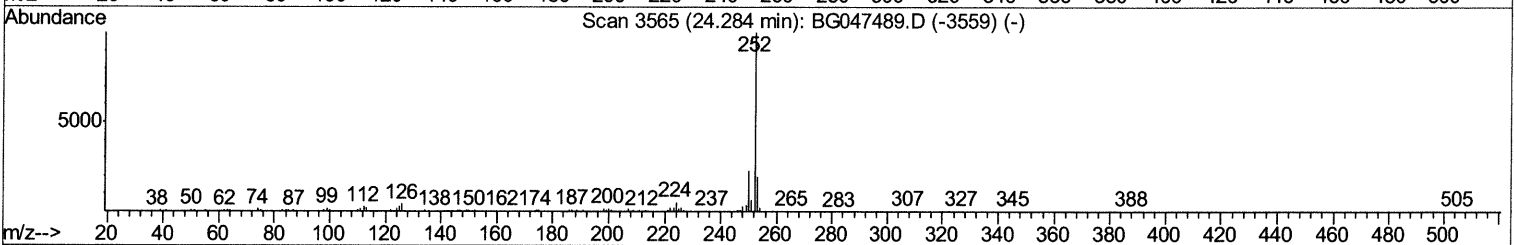
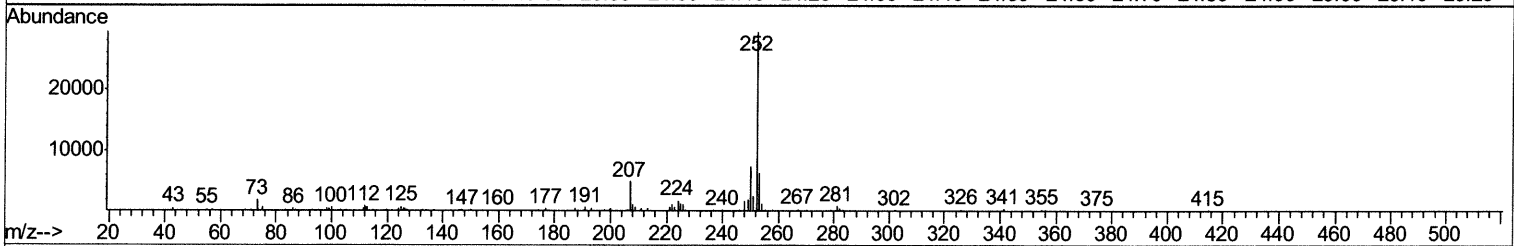
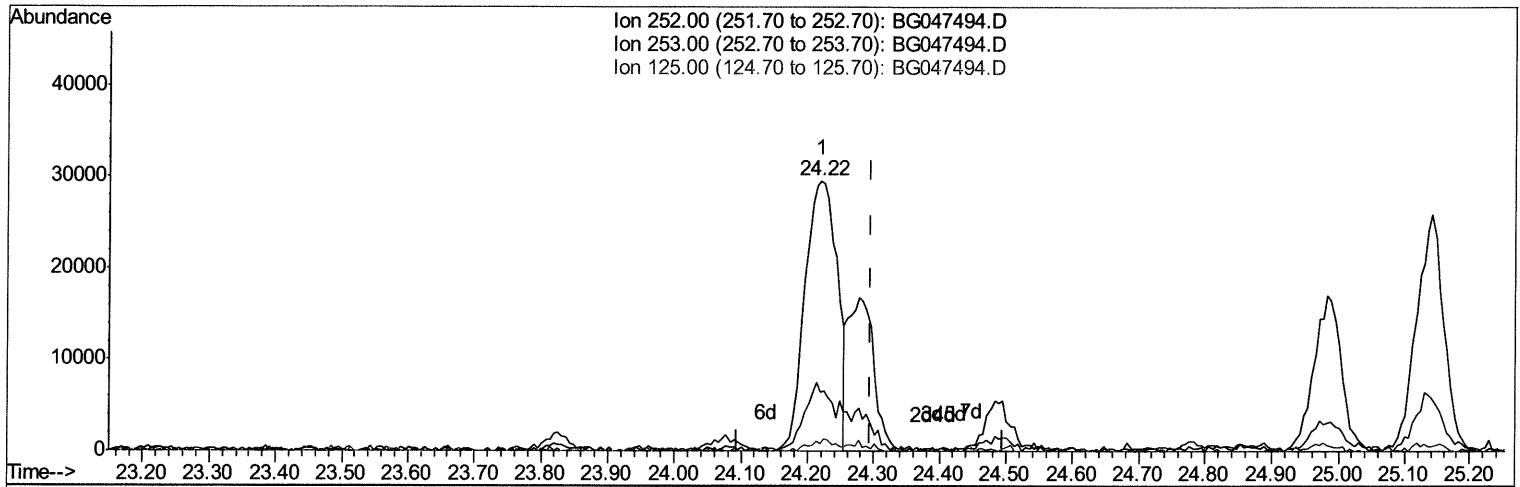
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B49

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(89) Benzo(k)fluoranthene  
 24.219min (-0.076) 7.11ng/ul  
 response 100498  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 21.98 |
| 125.00 | 2.70  | 2.89  |
| 0.00   | 0.00  | 0.00  |

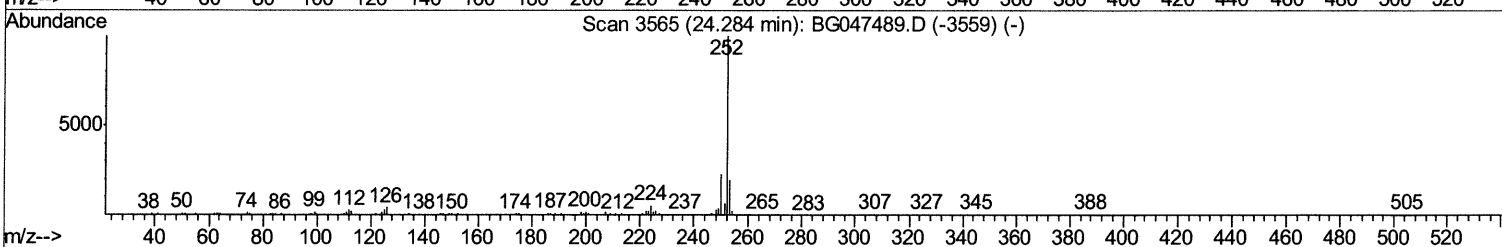
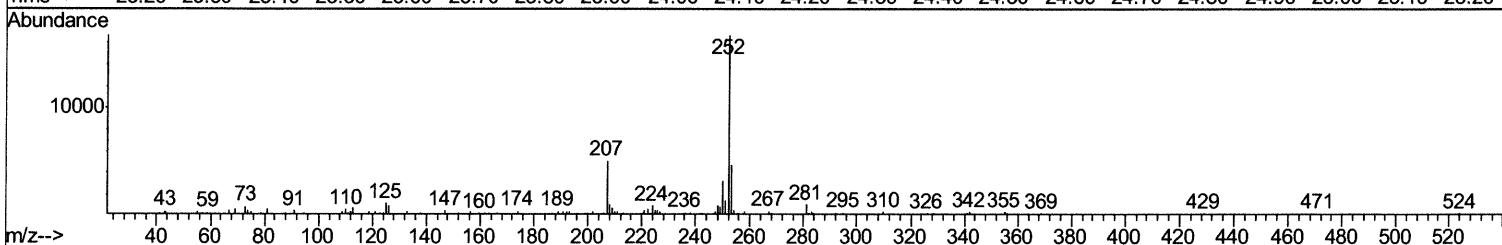
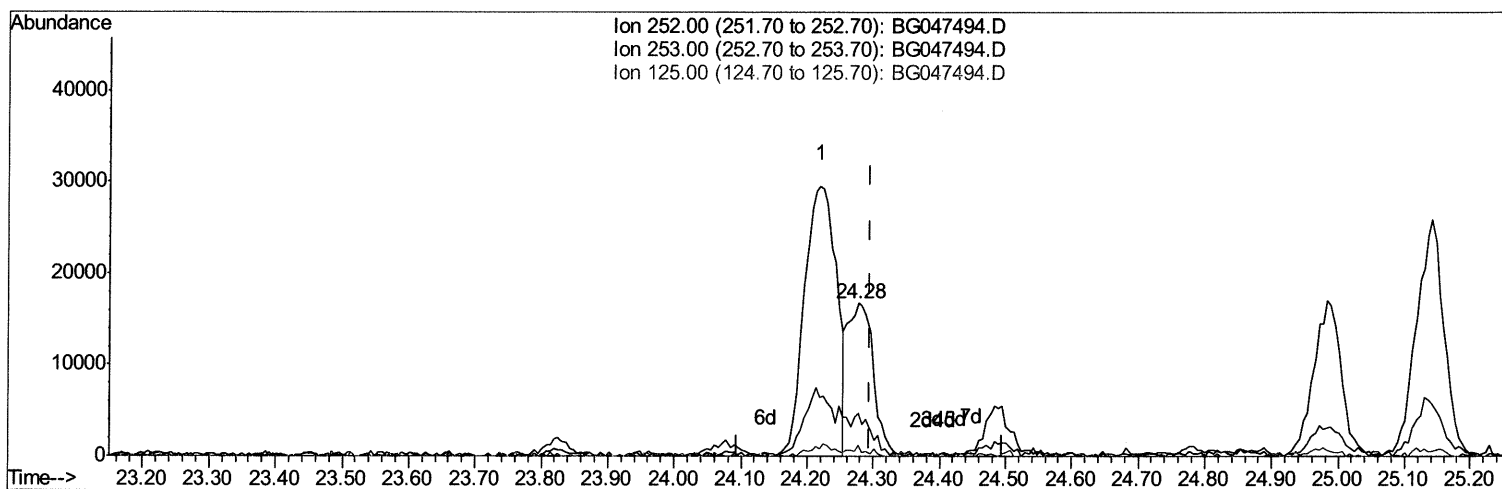
```
Data Path   : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File   : BG047494.D  
Acq On      : 1 Dec 2020 11:32  
Operator    : CG/JU  
Sample      : L4793-20  
Misc        :  
ALS Vial    : 7      Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
C0B49

**Manual Integrations**  
**APPROVED**

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(89) Benzo(k)fluoranthene

24.278min (-0.017) 3.18ng/ul m 12/04/20 JU

response 44902

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 28.06# |
| 125.00 | 2.70  | 6.86#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

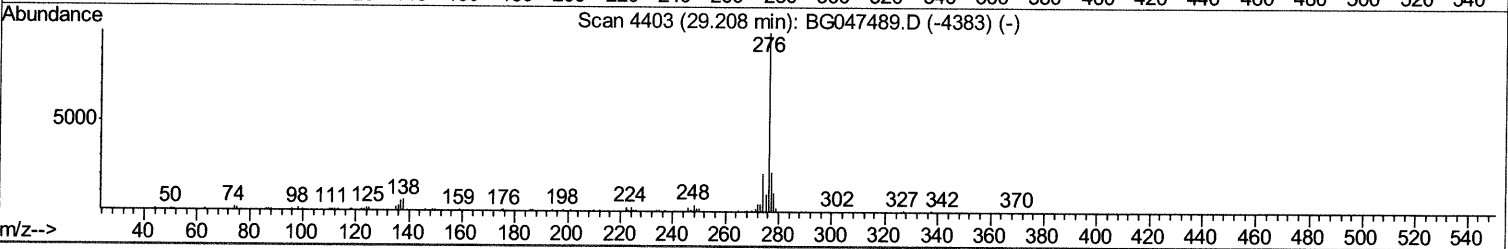
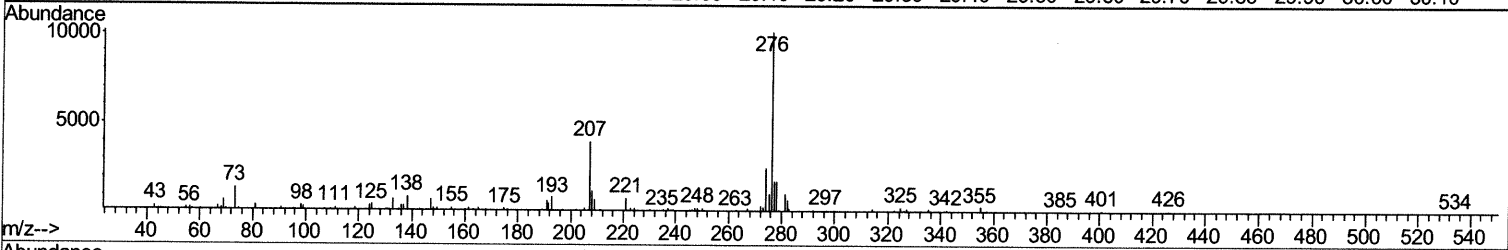
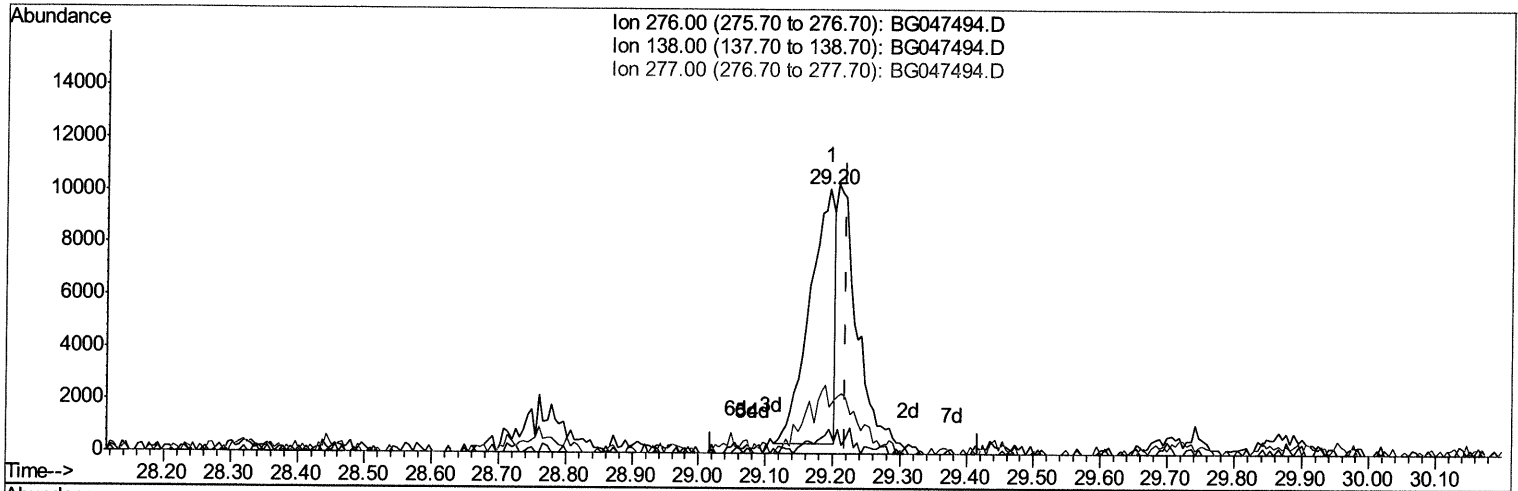
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 C0B49

**Manual Integrations**  
**APPROVED**

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(92) Indeno(1,2,3-cd)pyrene

29.195min (-0.023) 1.62ng/ul

response 25238

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 6.30  | 9.25# |
| 277.00 | 20.60 | 17.82 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

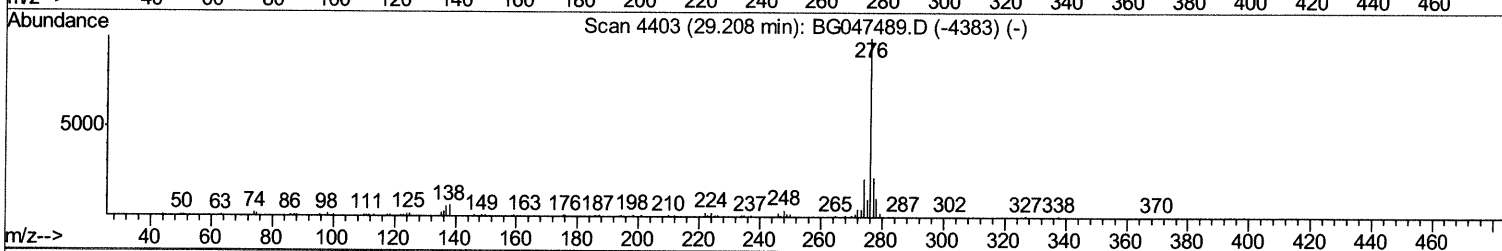
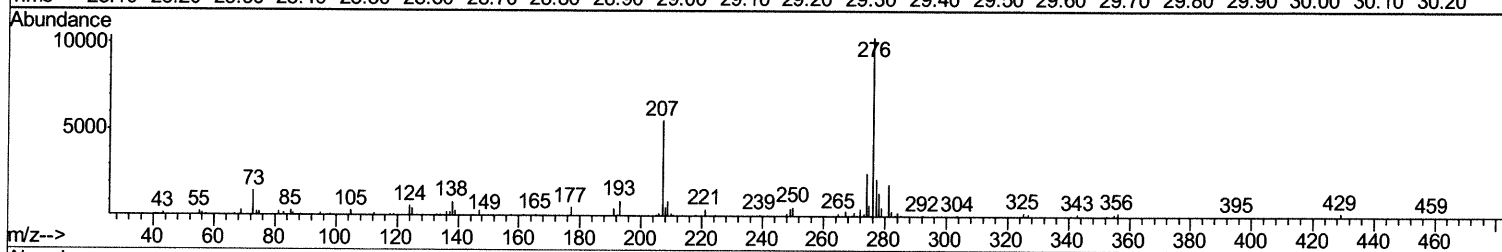
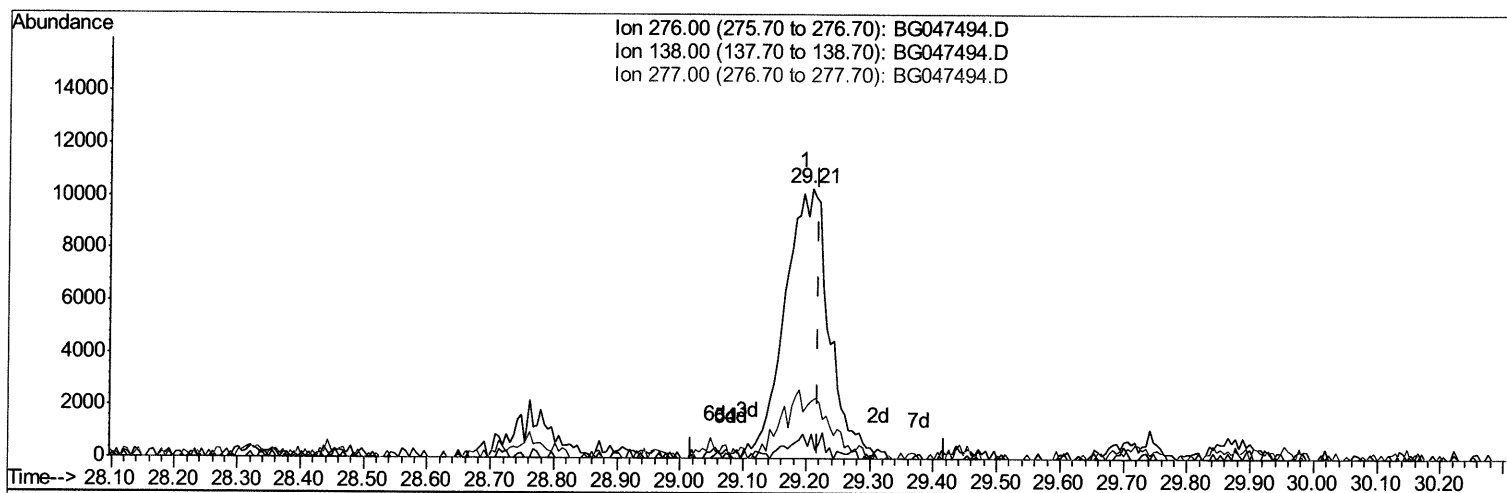
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(92) Indeno(1,2,3-cd)pyrene

29.207min (-0.011) 3.21ng/ul m 12/04/2024

response 49846

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 6.30  | 9.21# |
| 277.00 | 20.60 | 21.52 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

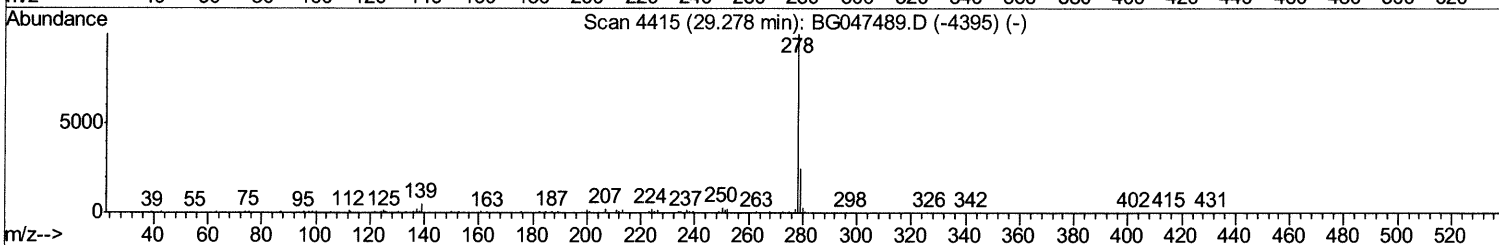
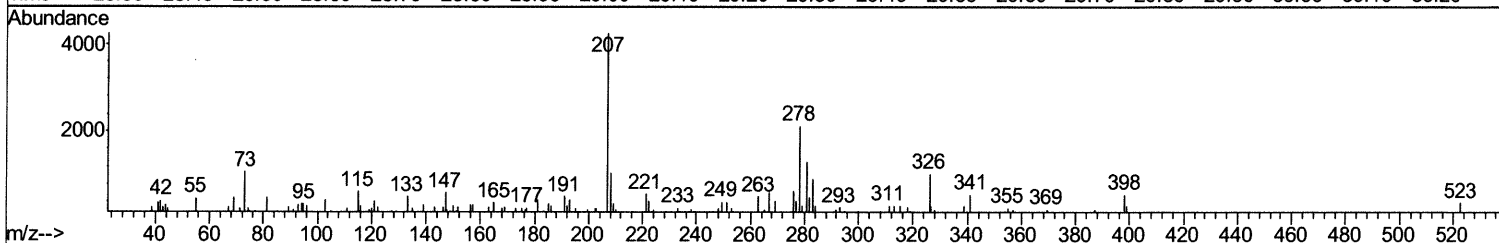
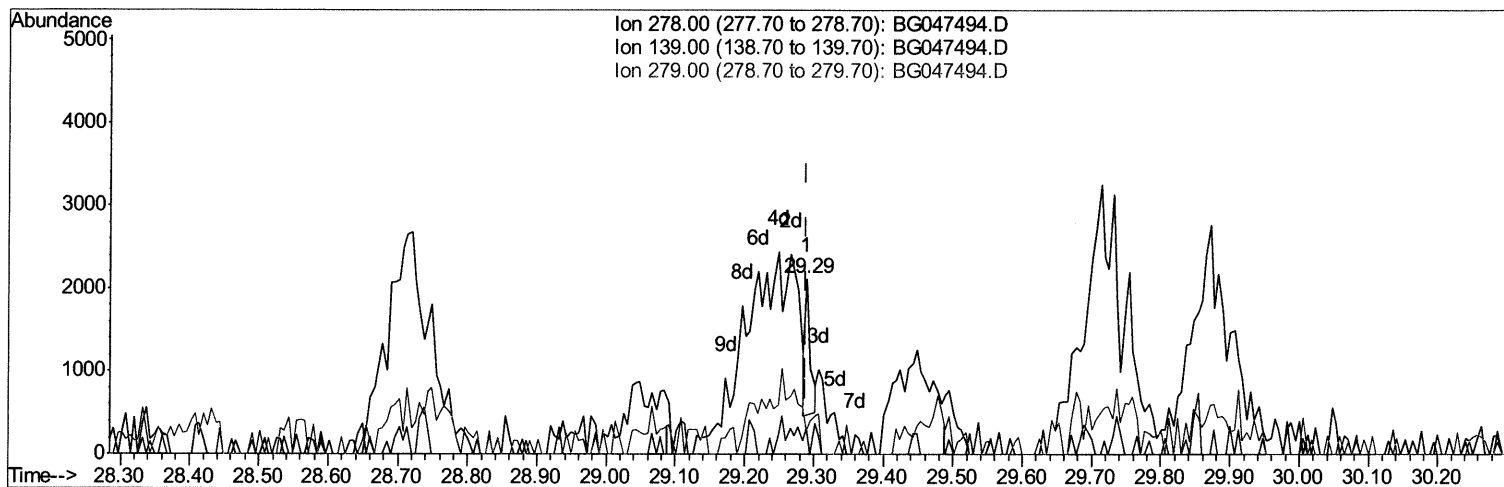
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(93) Dibenzo(a,h)anthracene

29.289min (+0.000) 0.07ng/ul

response 884

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 5.80  | 14.97# |
| 279.00 | 22.70 | 13.56# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

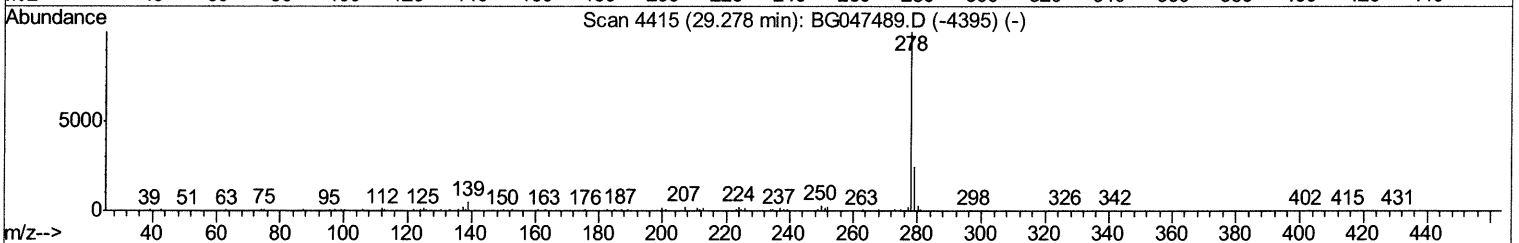
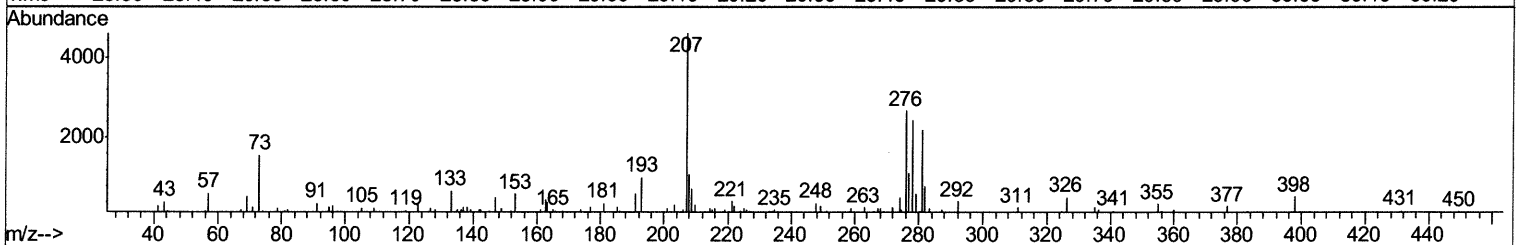
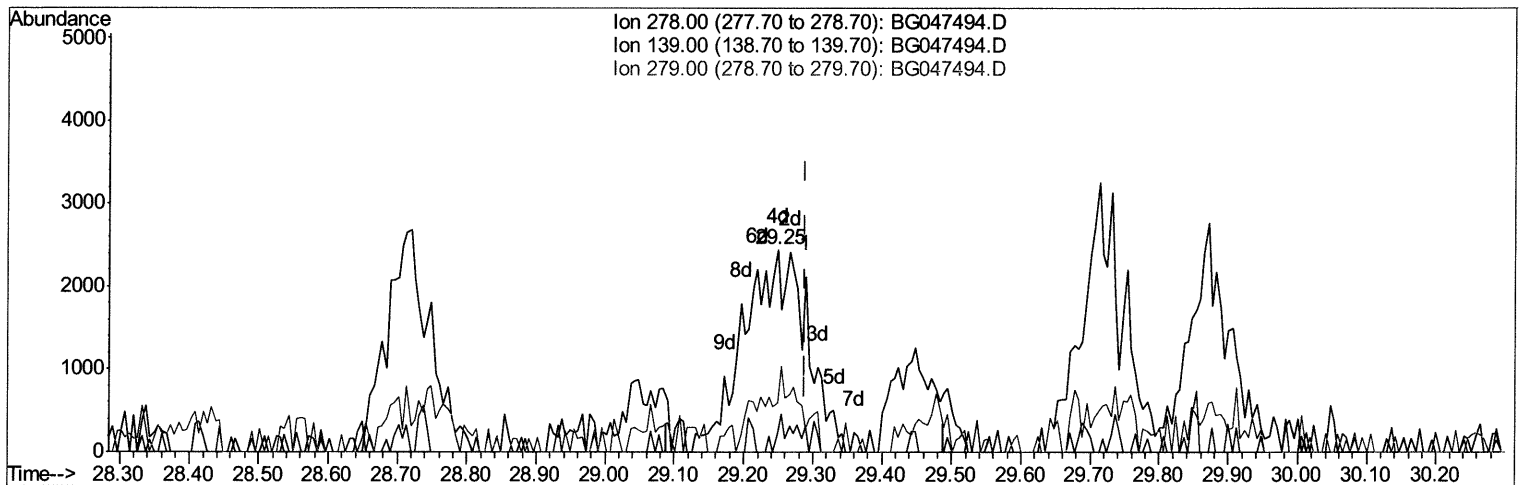
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(93) Dibenzo(a,h)anthracene

29.248min (-0.041) 1.20ng/ul m 12/04/20 JU

response 15299

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 5.80  | 8.96# |
| 279.00 | 22.70 | 24.44 |
| 0.00   | 0.00  | 0.00  |



## Quantitation Report (Qedit)

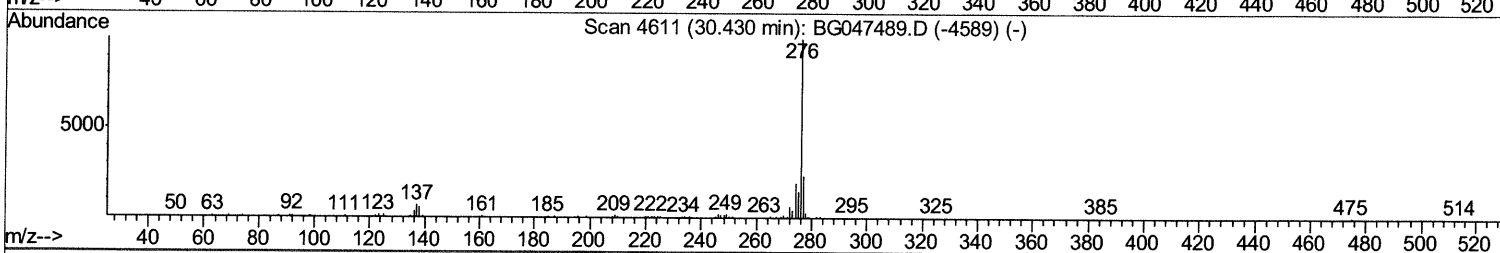
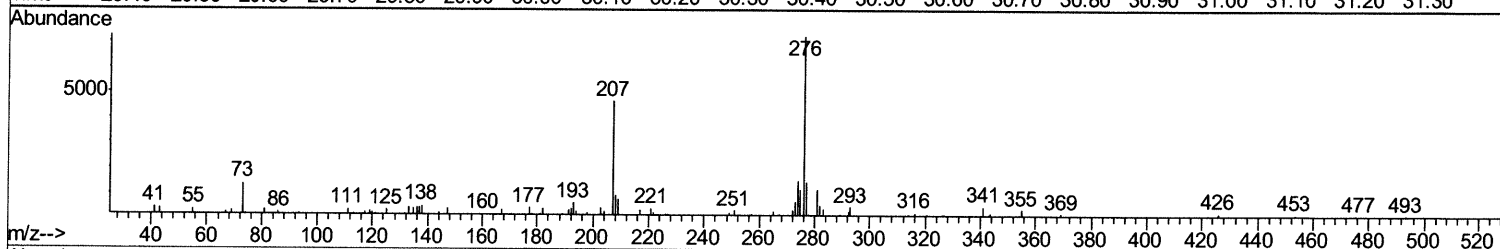
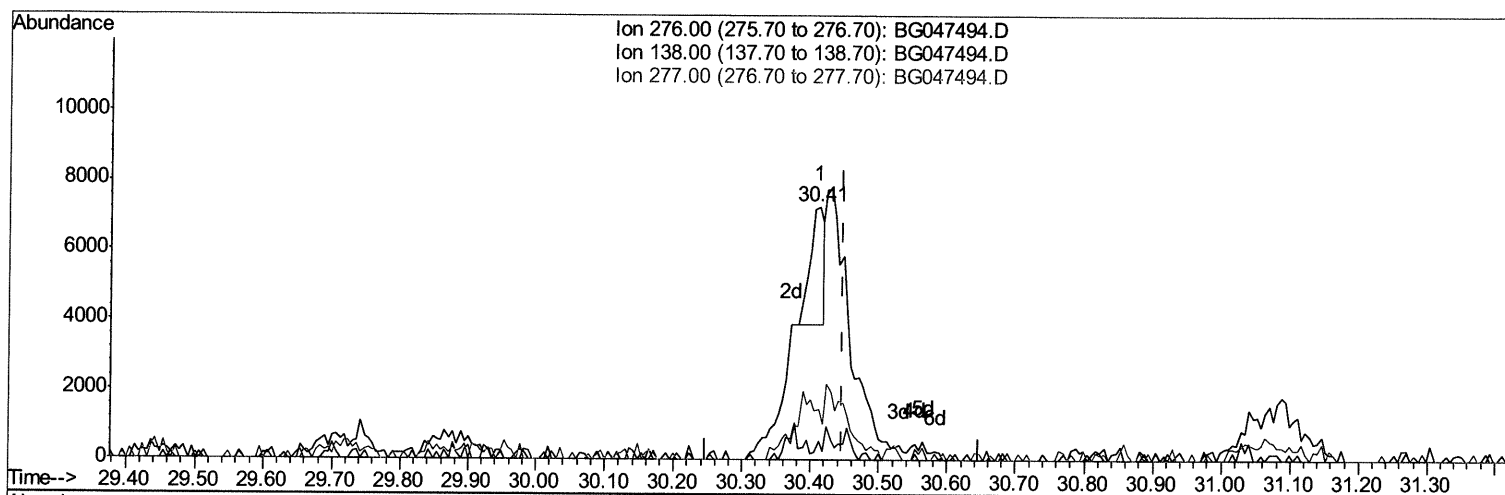
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(94) Benzo(g,h,i)perylene

30.412min (-0.035) 0.38ng/ul

response 4923

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 7.20  | 7.11  |
| 277.00 | 21.80 | 19.96 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

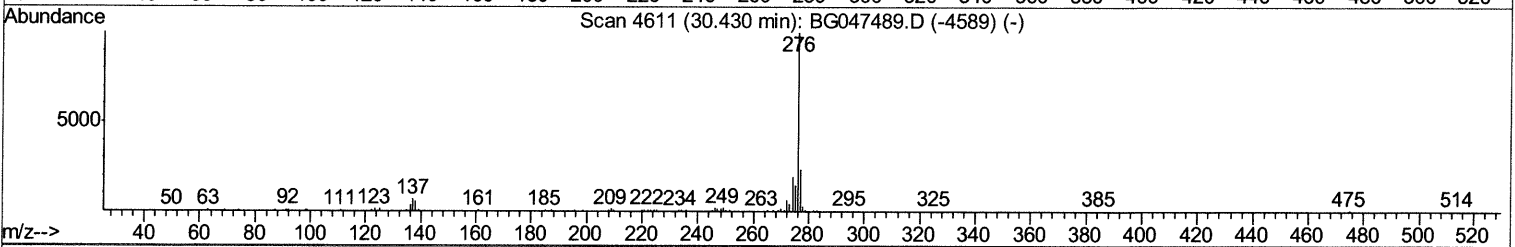
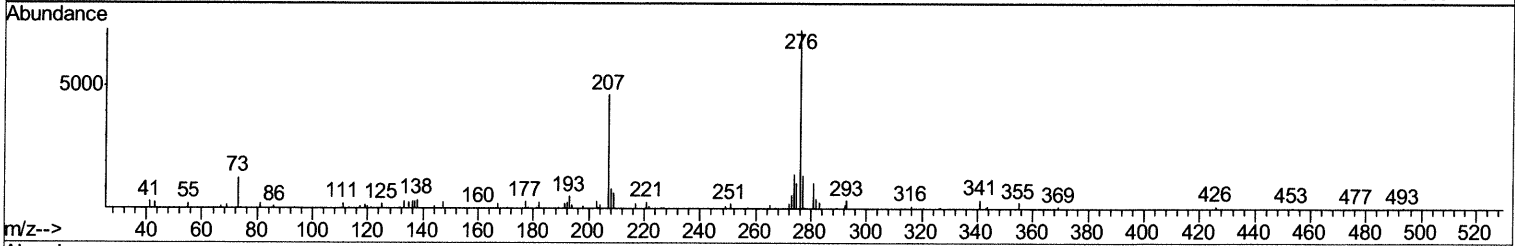
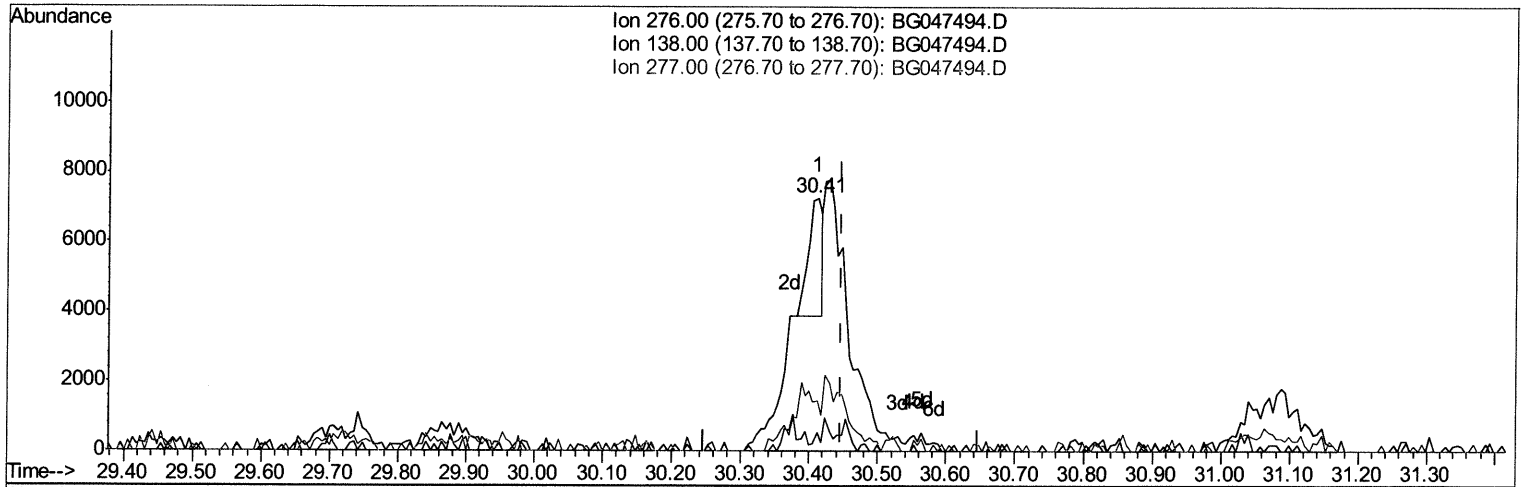
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 C0B49

**Manual Integrations**  
**APPROVED**

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration



TIC: BG047494.D

(94) Benzo(g,h,i)perylene  
 30.412min (-0.035) 0.38ng/ul  
 response 4923

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 7.20  | 7.11  |
| 277.00 | 21.80 | 19.96 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

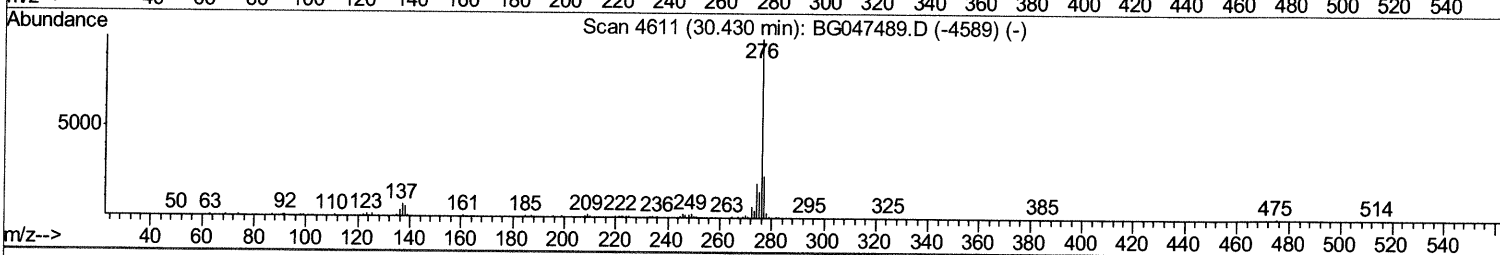
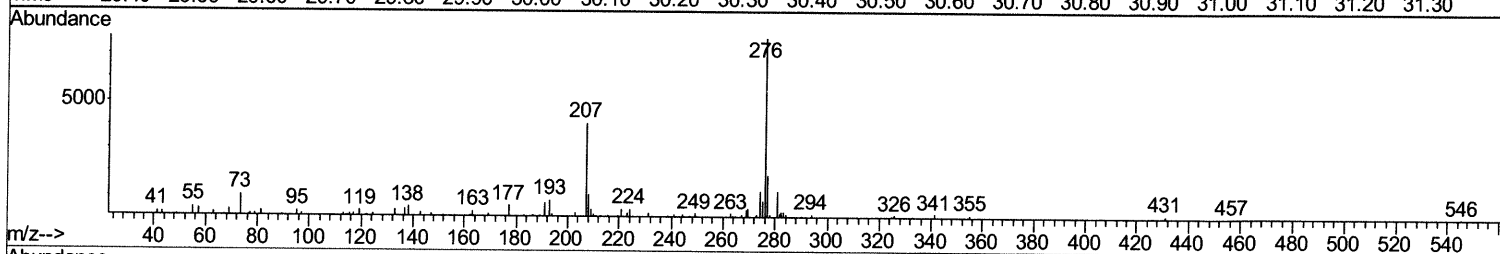
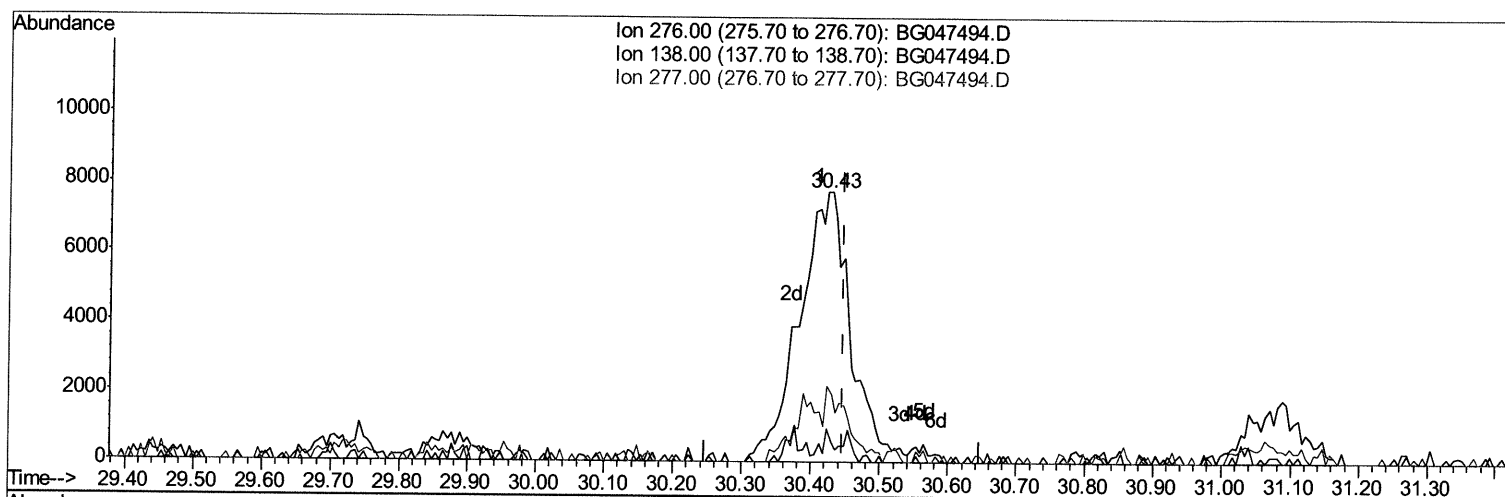
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047494.D  
Acq On : 1 Dec 2020 11:32  
Operator : CG/JU  
Sample : L4793-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0B49

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:22:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 01 10:06:47 2020  
Response via : Initial Calibration



TIC: BG047494.D

(94) Benzo(g,h,i)perylene

30.429min (-0.017) 3.10ng/ul m 12/04/20 54

response 39793

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 7.20  | 7.34  |
| 277.00 | 21.80 | 25.10 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
 Data File : BG047494.D  
 Acq On : 1 Dec 2020 11:32  
 Operator : CG/JU  
 Sample : L4793-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B49

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:25:49 PM

Quant Time: Dec 01 12:31:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 01 10:06:47 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 28297    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.09 | 136  | 105012   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.88 | 164  | 78734    | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.61 | 188  | 200545   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.90 | 240  | 186860   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.31 | 264  | 203137   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |      |        |                   |
|--------------------------------|-------|-----|---------|------|--------|-------------------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 785     | 1.01 | ng/uL  | 0.00              |
| 5) Phenol-d5                   | 7.40  | 99  | 17357   | 6.12 | ng/ul  | -0.01             |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67  | 9760    | 6.03 | ng/ul  | -0.01             |
| 9) 2-Chlorophenol-d4           | 7.79  | 132 | 14426   | 7.58 | ng/ul  | -0.01             |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 10597m> | 4.86 | ng/ul> | -0.02 12/04/20 J4 |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 7150    | 8.24 | ng/ul  | -0.01             |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 8905    | 9.41 | ng/ul  | 0.00              |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 15273   | 7.05 | ng/ul  | -0.01             |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 13404   | 6.12 | ng/ul  | -0.02             |
| 44) Dimethylphthalate-d6       | 14.27 | 166 | 56983   | 8.43 | ng/ul  | -0.01             |
| 47) Acenaphthylene-d8          | 14.58 | 160 | 67079   | 8.59 | ng/ul  | 0.00              |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 5694    | 5.52 | ng/ul  | -0.01             |
| 58) Fluorene-d10               | 15.86 | 176 | 54803   | 8.85 | ng/ul  | 0.00              |
| 63) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 7498    | 6.57 | ng/ul  | -0.01             |
| 71) Anthracene-d10             | 17.71 | 188 | 87360   | 8.78 | ng/ul  | -0.01             |
| 79) Pyrene-d10                 | 19.98 | 212 | 102356  | 9.41 | ng/ul  | 0.00              |
| 90) Benzo(a)pyrene-d12         | 25.05 | 264 | 105390  | 9.01 | ng/ul  | -0.02             |

## Target Compounds

|                                |       |     |         | Ovalue        |             |
|--------------------------------|-------|-----|---------|---------------|-------------|
| 6) Phenol                      | 7.43  | 94  | 3798    | 1.397 ng/ul#  | 76          |
| 45) Dimethylphthalate          | 14.32 | 163 | 23849   | 3.459 ng/ul#  | 93          |
| 70) Phenanthrene               | 17.66 | 178 | 70702   | 6.528 ng/ul   | 97          |
| 72) Anthracene                 | 17.74 | 178 | 16031m> | 1.470 ng/ul>  | 12/04/20 J4 |
| 77) Fluoranthene               | 19.65 | 202 | 191749  | 14.020 ng/ul  | 98          |
| 80) Pyrene                     | 20.01 | 202 | 175767  | 13.279 ng/ul# | 98          |
| 83) Benzo(a)anthracene         | 21.87 | 228 | 101634  | 7.644 ng/ul   | 97          |
| 84) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 8335    | 1.286 ng/ul#  | 79          |
| 85) Chrysene                   | 21.95 | 228 | 89732m> | 7.092 ng/ul>  | 12/04/20 J4 |
| 88) Benzo(b)fluoranthene       | 24.22 | 252 | 100498  | 7.007 ng/ul   | 98          |
| 89) Benzo(k)fluoranthene       | 24.28 | 252 | 44902m> | 3.177 ng/ul>  | 12/04/20 J4 |
| 91) Benzo(a)pyrene             | 25.14 | 252 | 75134   | 5.876 ng/ul#  | 98          |
| 92) Indeno(1,2,3-cd)pyrene     | 29.21 | 276 | 49846m  | 3.205 ng/ul   | 12/04/20 J4 |
| 93) Dibenzo(a,h)anthracene     | 29.25 | 278 | 15299m  | 1.200 ng/ul   |             |
| 94) Benzo(a,h,i)perylene       | 30.43 | 276 | 39793m  | 3.101 ng/ul   |             |

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