

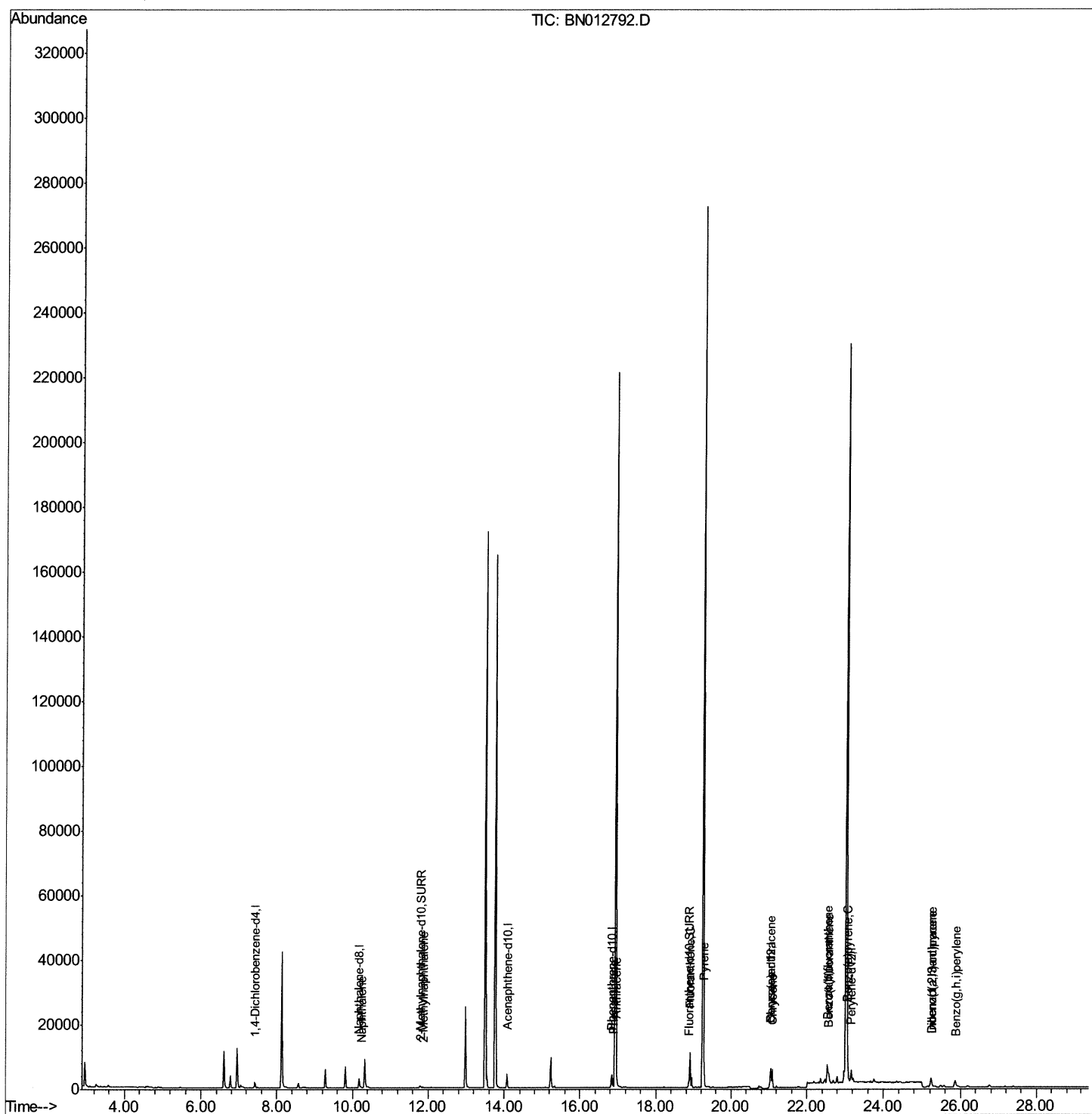
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
Data File : BN012792.D  
Acq On : 01 Dec 2020 21:16  
Operator : CG/JU  
Sample : L4793-10  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BG5

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:27:53 PM

Quant Time: Dec 02 01:27:14 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 02 00:53:21 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

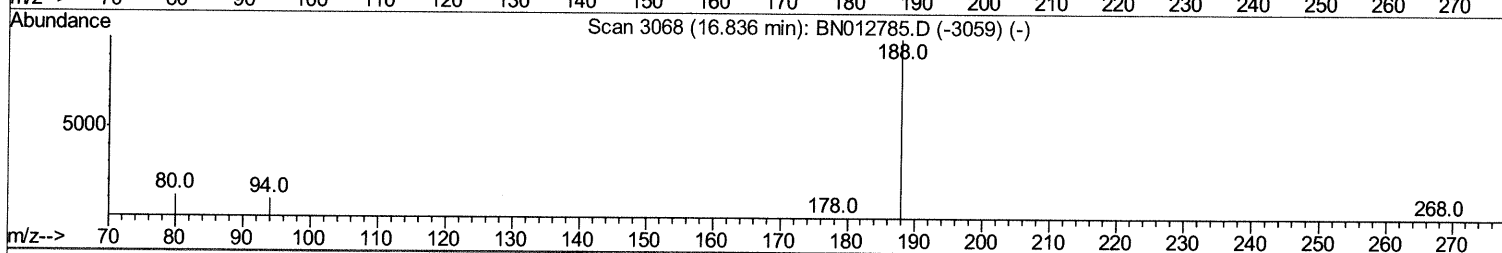
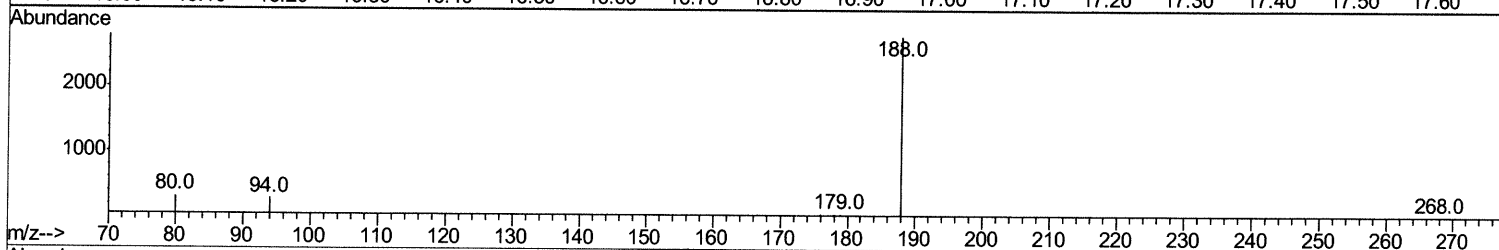
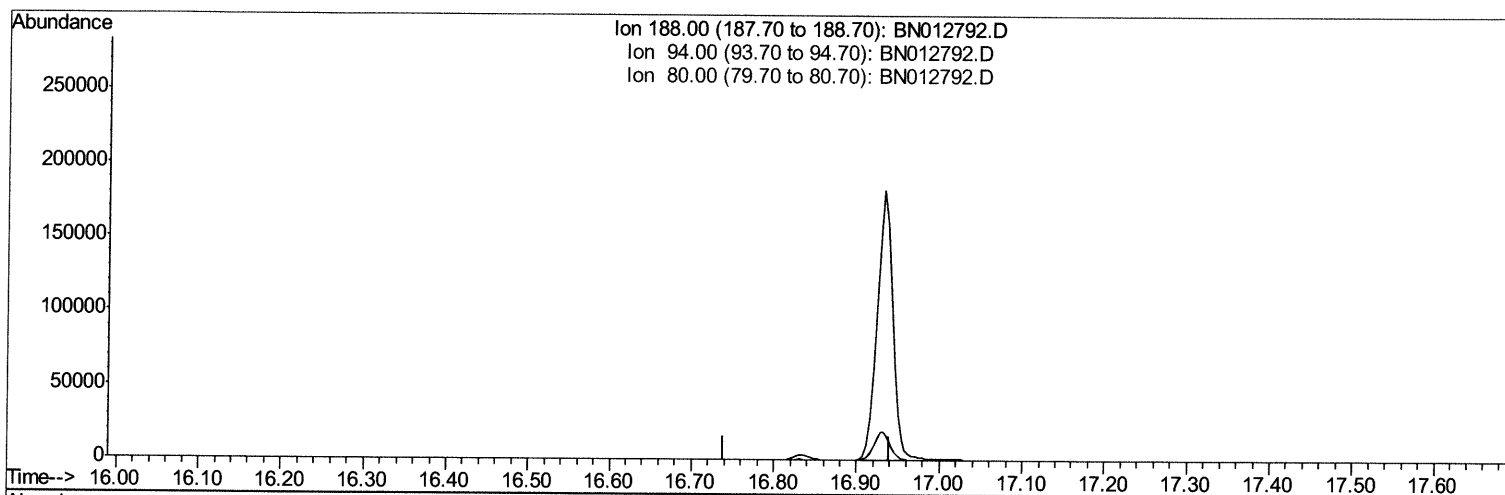
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012792.D  
 Acq On : 01 Dec 2020 21:16  
 Operator : CG/JU  
 Sample : L4793-10  
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**Instrument :**  
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**ClientSampleId :**  
 C0BG5

**Manual Integrations**  
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 12/2/2020 2:27:53 PM

Quant Time: Dec 02 00:57:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 00:53:21 2020  
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(10) Phenanthrene-d10 (I)

16.840min (-16.840) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 11.60 | 0.00# |
| 80.00  | 12.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

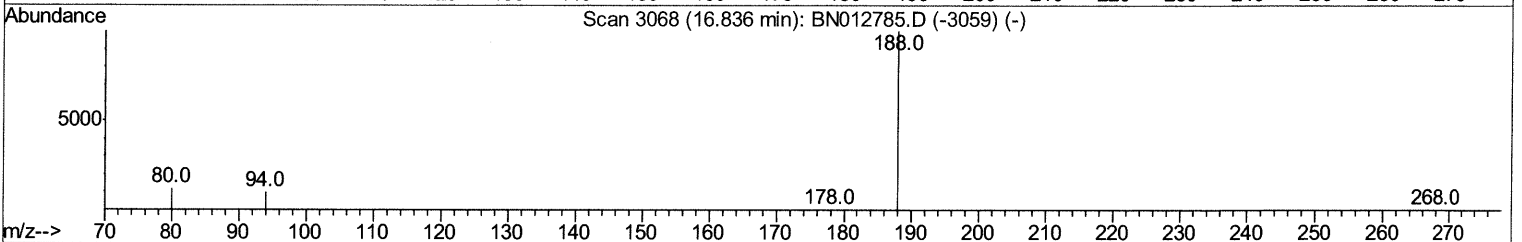
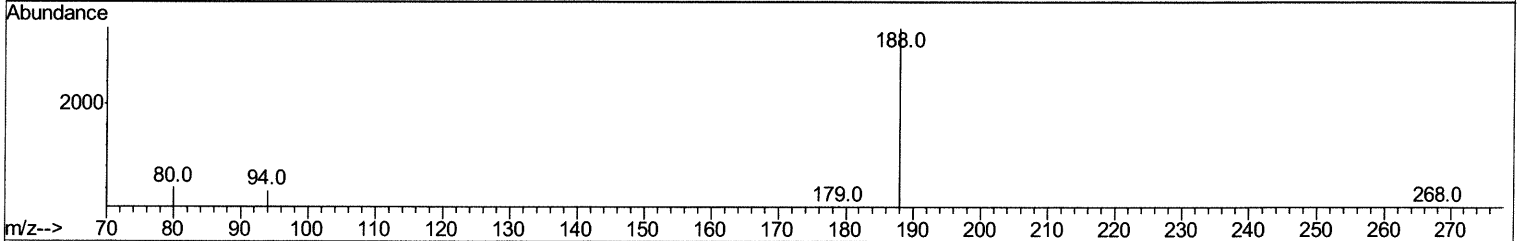
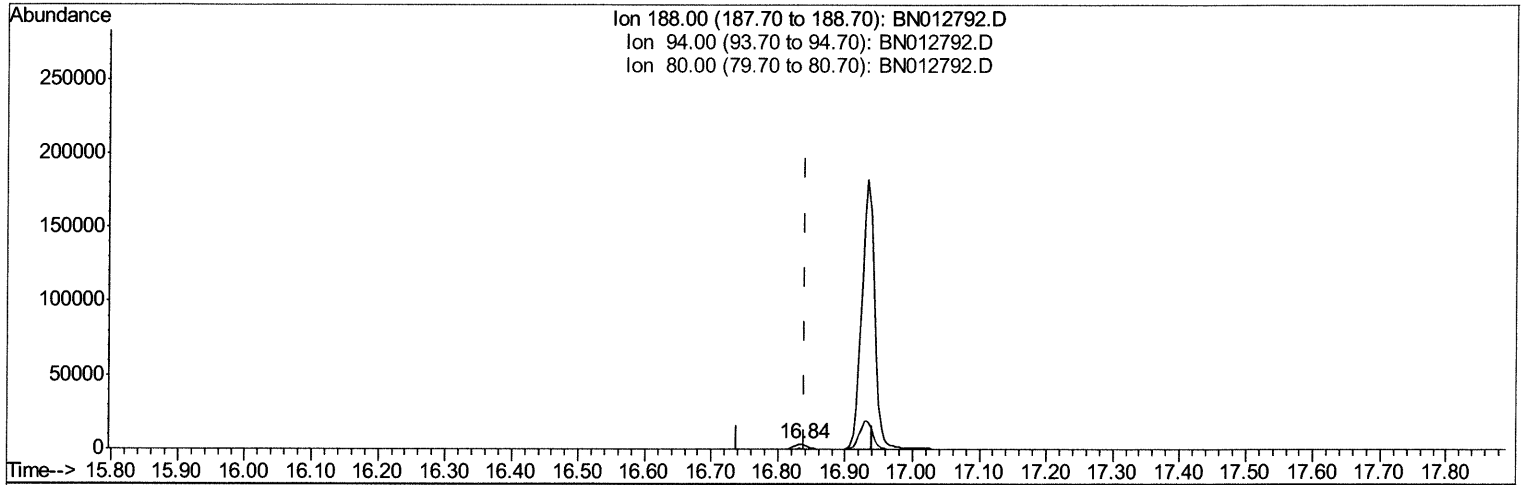
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012792.D  
 Acq On : 01 Dec 2020 21:16  
 Operator : CG/JU  
 Sample : L4793-10  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 C0BG5

**Manual Integrations**  
**APPROVED**

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 12/2/2020 2:27:53 PM

Quant Time: Dec 02 00:57:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BN012792.D

(10) Phenanthrene-d10 (I)

16.836min (-0.004) 0.40ng/ul m 12/04/20 J4

response 4732

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.60 | 10.24 |
| 80.00  | 12.60 | 11.87 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

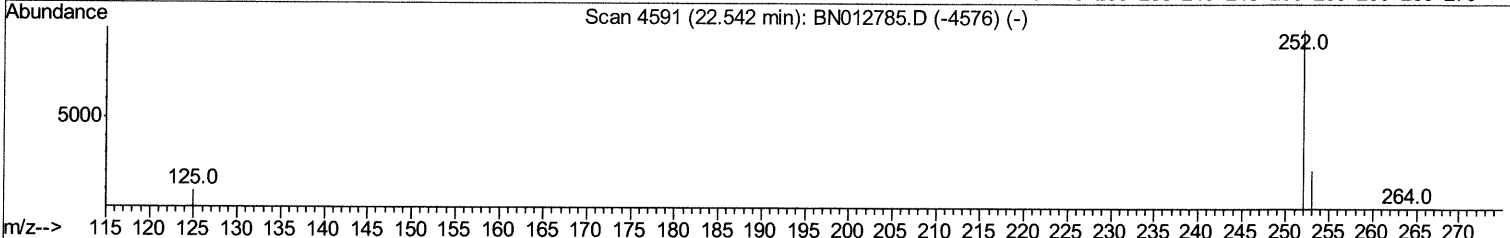
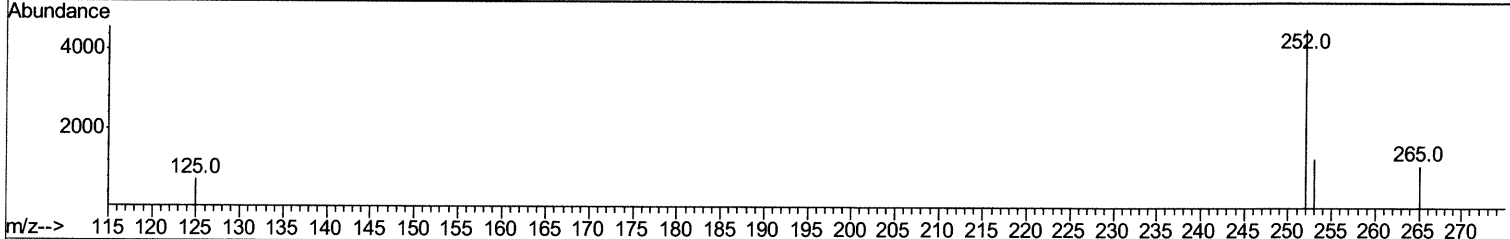
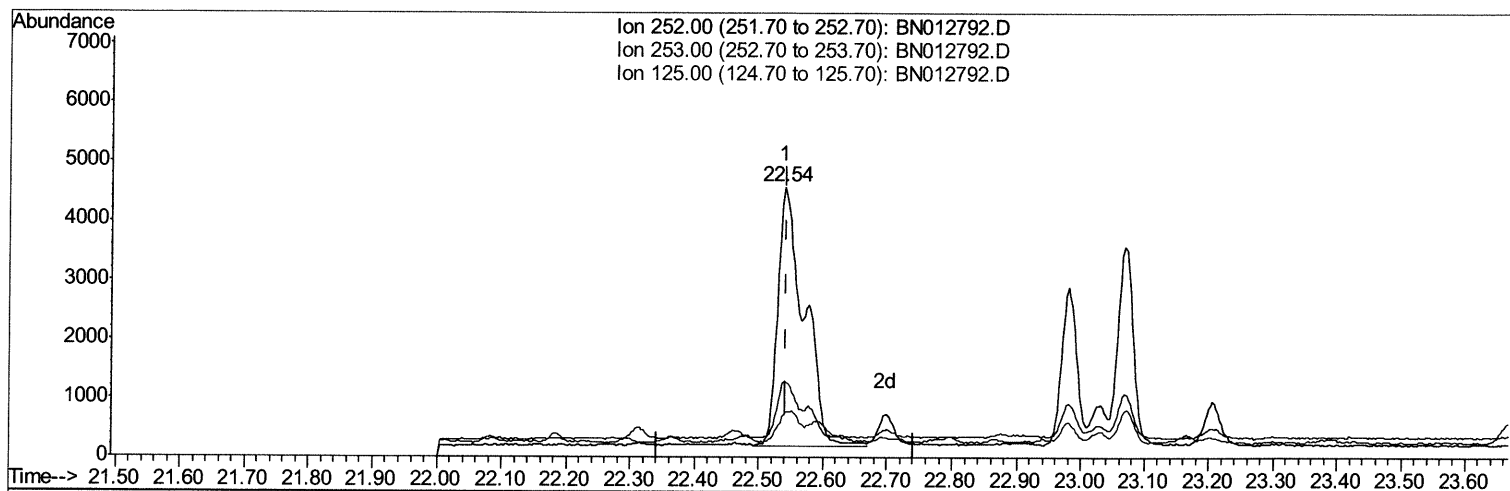
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012792.D  
 Acq On : 01 Dec 2020 21:16  
 Operator : CG/JU  
 Sample : L4793-10  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BG5

Manual Integrations  
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Quant Time: Dec 02 01:24:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BN012792.D

(21) Benzo(b)fluoranthene  
 22.539min (-0.003) 0.59ng/ul  
 response 12415

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.20 | 28.20 |
| 125.00 | 14.30 | 15.84 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

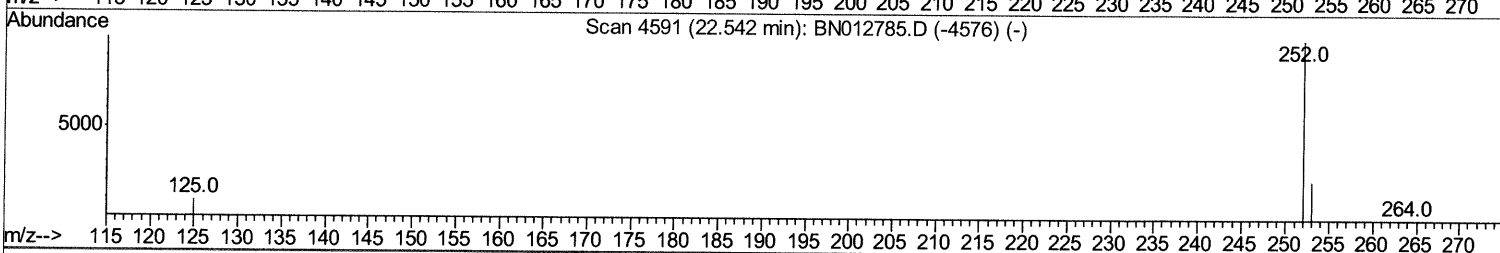
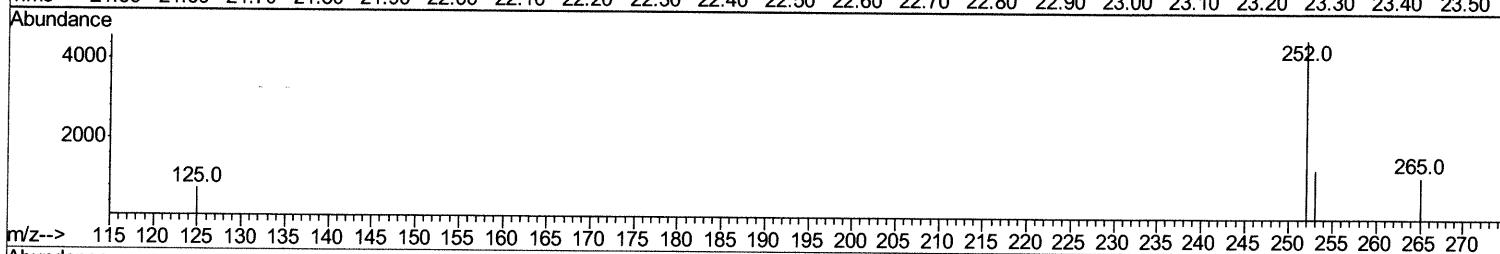
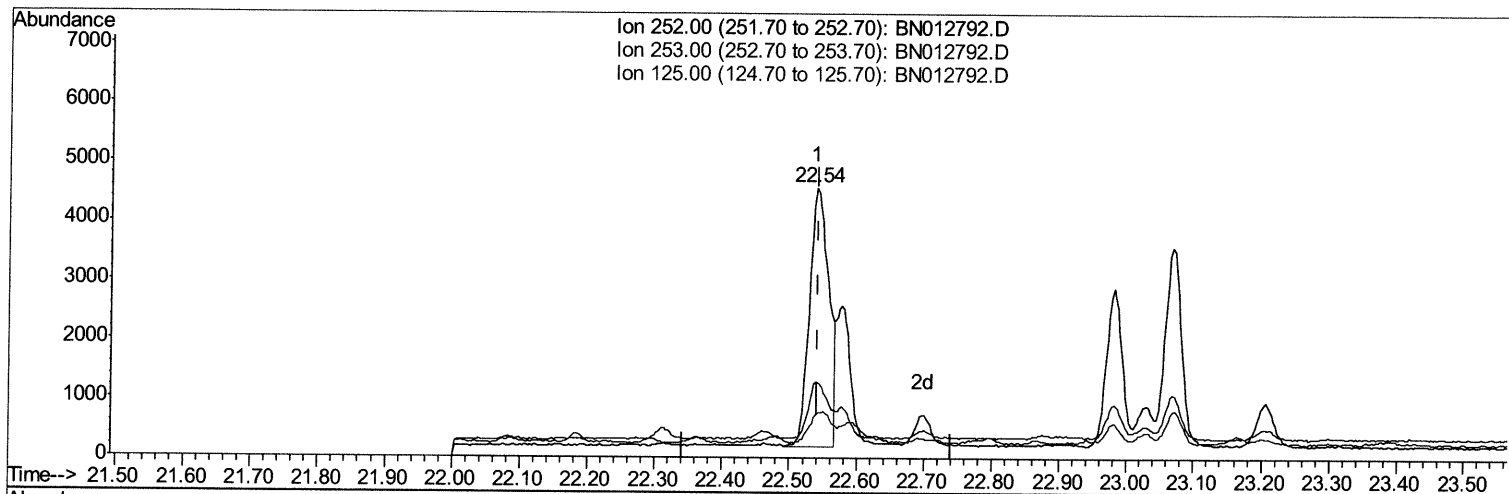
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012792.D  
 Acq On : 01 Dec 2020 21:16  
 Operator : CG/JU  
 Sample : L4793-10  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BG5

Manual Integrations  
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Quant Time: Dec 02 01:24:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BN012792.D

(21) Benzo(b)fluoranthene

22.539min (-0.003) 0.41ng/ul m 12/04/20 JU

response 8643

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.20 | 28.20 |
| 125.00 | 14.30 | 15.84 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

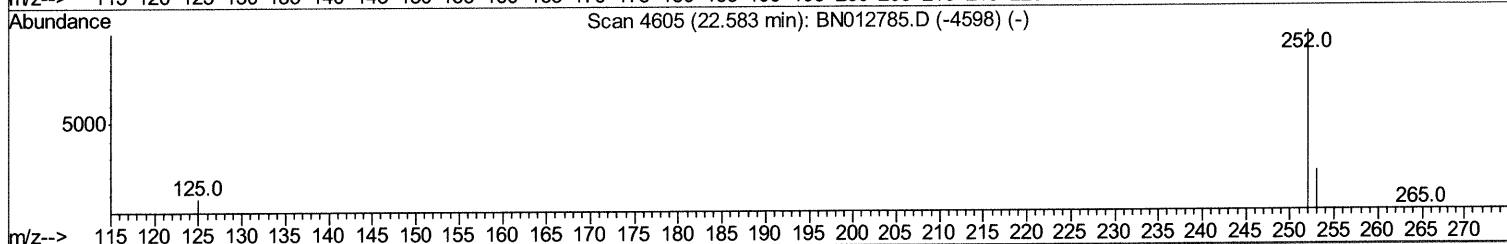
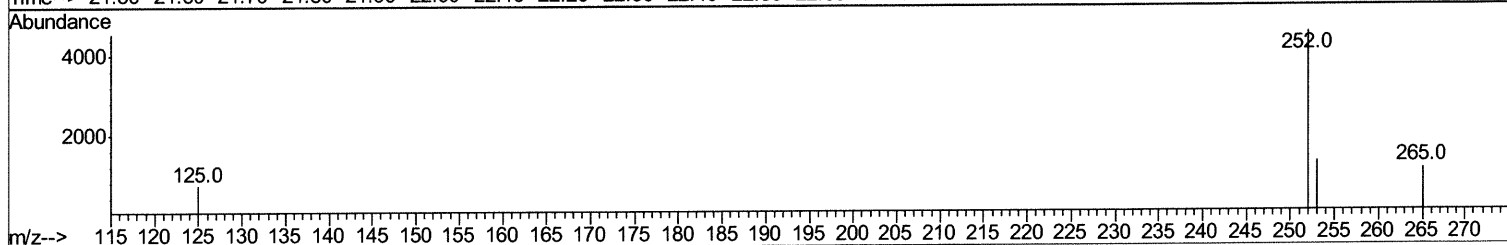
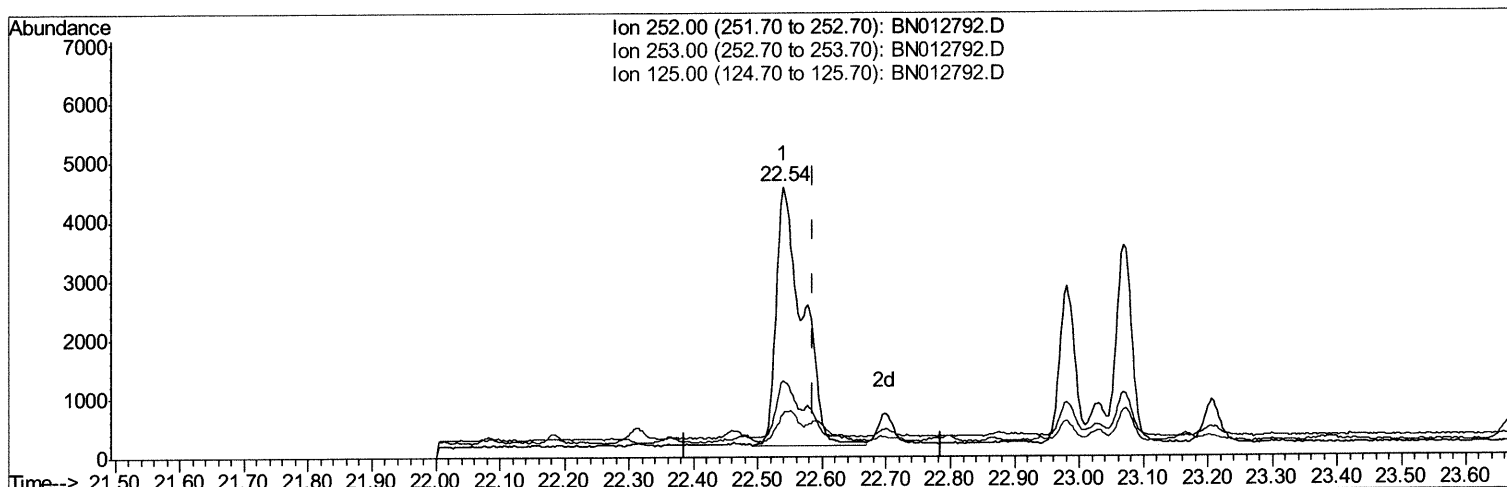
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
Data File : BN012792.D  
Acq On : 01 Dec 2020 21:16  
Operator : CG/JU  
Sample : L4793-10  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BG5

Manual Integrations  
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Quant Time: Dec 02 01:24:53 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 02 00:53:21 2020  
Response via : Initial Calibration



TIC: BN012792.D

(22) Benzo(k)fluoranthene  
22.539min (-0.047) 0.51ng/ul  
response 12415

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 28.20  |
| 125.00 | 12.70 | 15.84# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

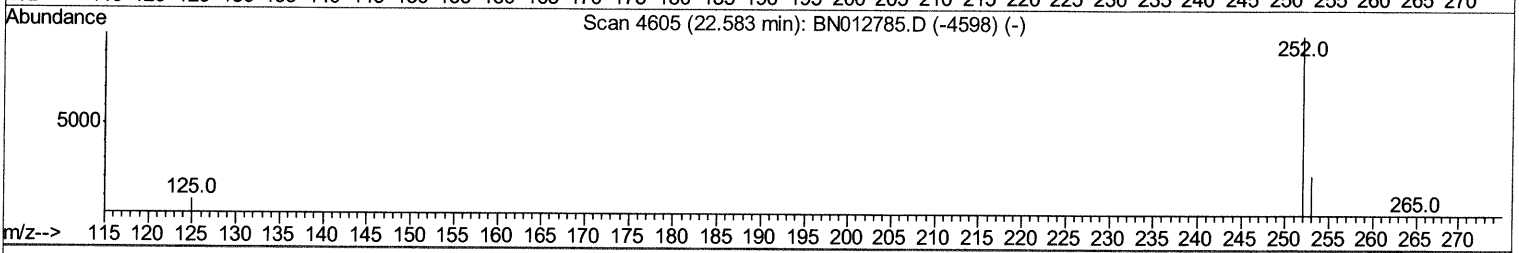
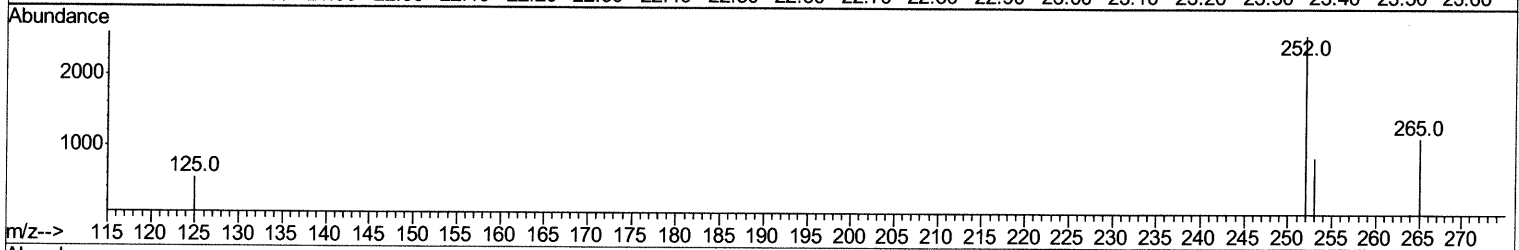
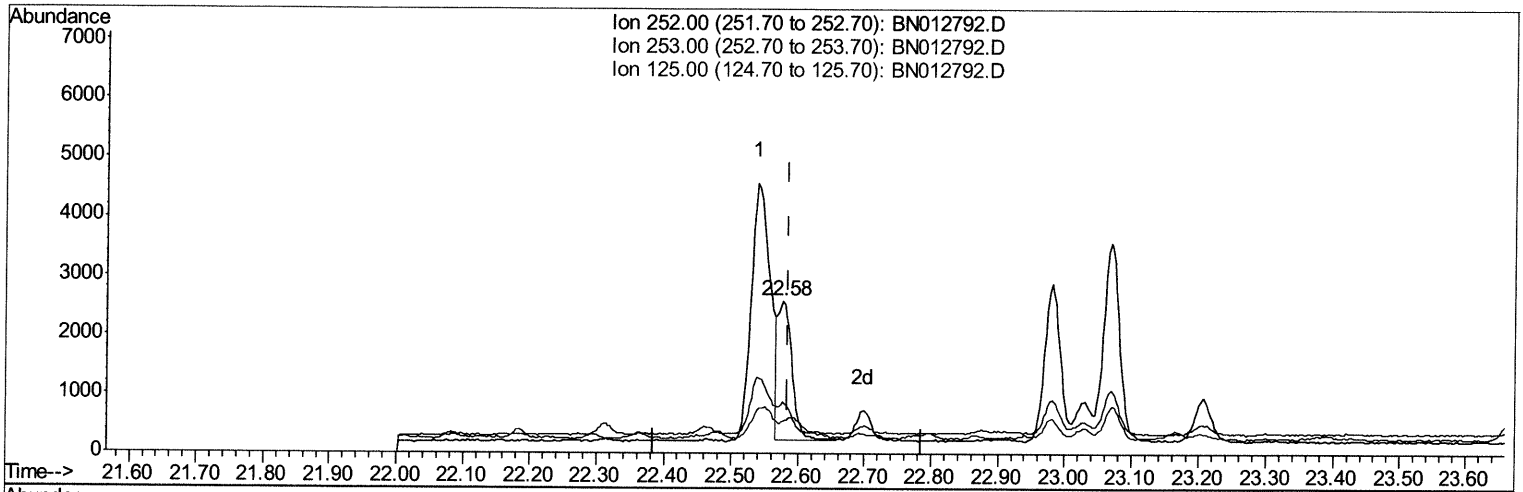
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012792.D  
 Acq On : 01 Dec 2020 21:16  
 Operator : CG/JU  
 Sample : L4793-10  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BG5

Manual Integrations  
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Quant Time: Dec 02 01:24:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 00:53:21 2020  
 Response via : Initial Calibration



TIC: BN012792.D

(22) Benzo(k)fluoranthene

22.577min (-0.009) 0.14ng/ul m 12/04/20 54

response 3510

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 33.40  |
| 125.00 | 12.70 | 20.87# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012792.D  
 Acq On : 01 Dec 2020 21:16  
 Operator : CG/JU  
 Sample : L4793-10  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BG5

Manual Integrations  
 APPROVED

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 12/2/2020 2:27:53 PM

Quant Time: Dec 02 01:27:14 2020  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 897      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.18 | 136  | 3713     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.08 | 164  | 2216     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.84 | 188  | 4732m>   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.05 | 240  | 4176     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.16 | 264  | 4582     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.79 | 152  | 1030     | 0.19  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.87 | 212  | 2429     | 0.20  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.24 | 128  | 252      | 0.023 | ng/ul# | 55       |
| 5) 2-Methylnaphthalene      | 11.87 | 142  | 145      | 0.020 | ng/ul  | 96       |
| 12) Phenanthrene            | 16.87 | 178  | 2887     | 0.175 | ng/ul  | 99       |
| 13) Anthracene              | 16.97 | 178  | 449      | 0.031 | ng/ul# | 77       |
| 15) Fluoranthene            | 18.91 | 202  | 9699     | 0.510 | ng/ul  | 98       |
| 17) Pyrene                  | 19.27 | 202  | 9251     | 0.495 | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.04 | 228  | 4356     | 0.291 | ng/ul  | 99       |
| 19) Chrysene                | 21.09 | 228  | 5949     | 0.318 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.54 | 252  | 8643m    | 0.410 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.58 | 252  | 3510m    | 0.144 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.07 | 252  | 5659     | 0.285 | ng/ul  | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.23 | 276  | 4446     | 0.171 | ng/ul# | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.25 | 278  | 1000     | 0.048 | ng/ul# | 53       |
| 26) Benzo(a,h,i)perylene    | 25.87 | 276  | 4194     | 0.180 | ng/ul  | 97       |

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