

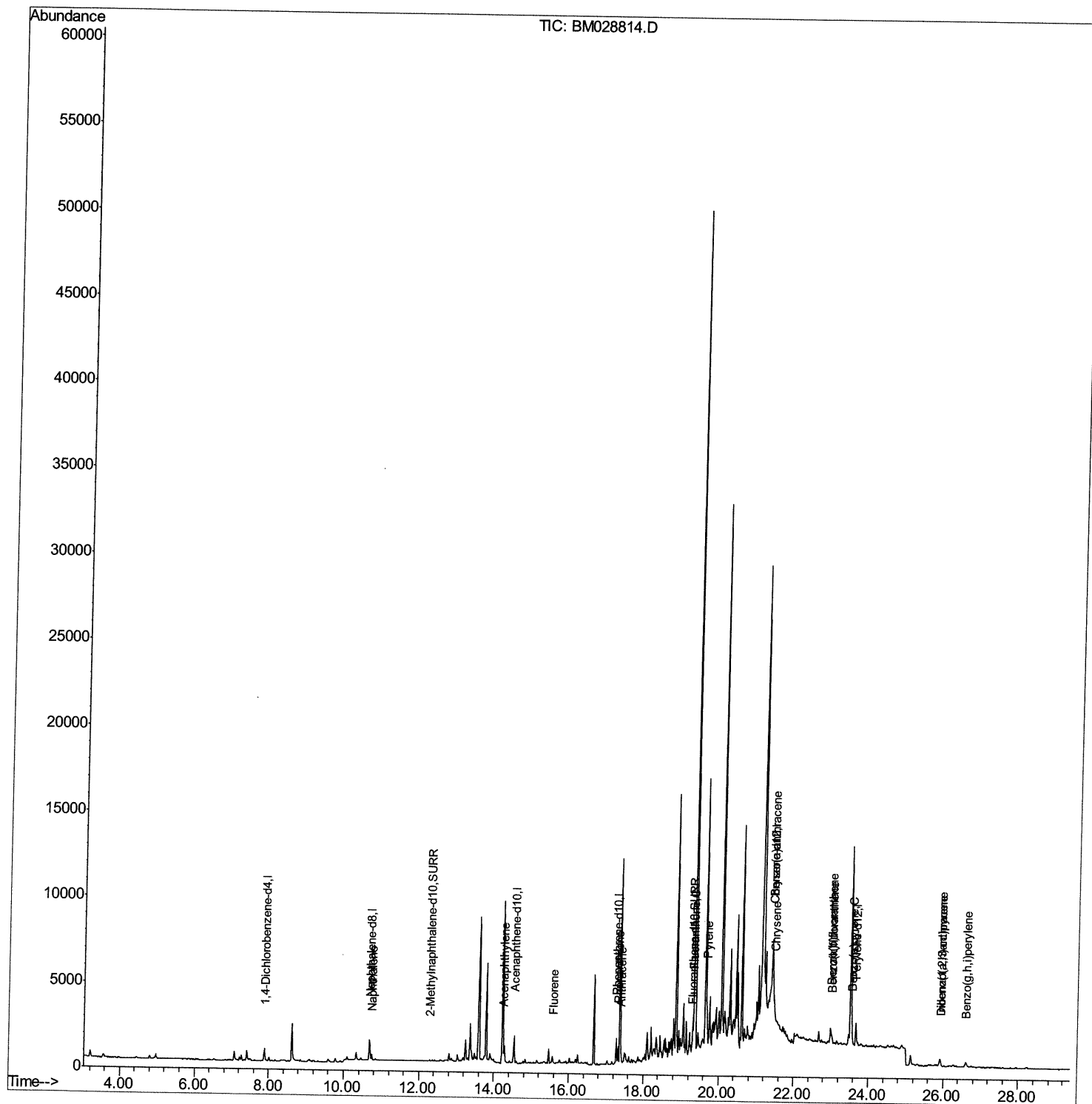
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
Data File : BM028814.D  
Acq On : 19 Feb 2021 10:30  
Operator : CG/JU  
Sample : M1379-09REDL 5X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBGY9REDL

Manual Integrations  
APPROVED

mohammad  
2/19/2021 1:20:29 PM

Quant Time: Feb 19 11:04:20 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 19 10:10:00 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

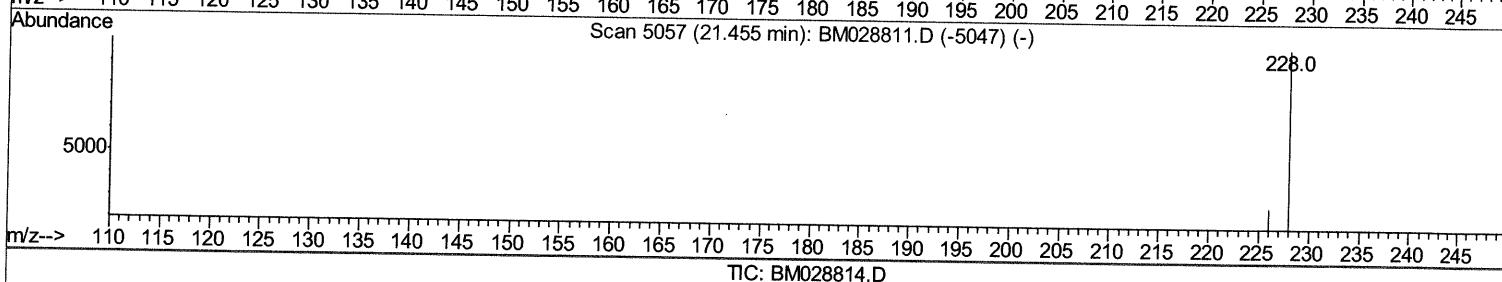
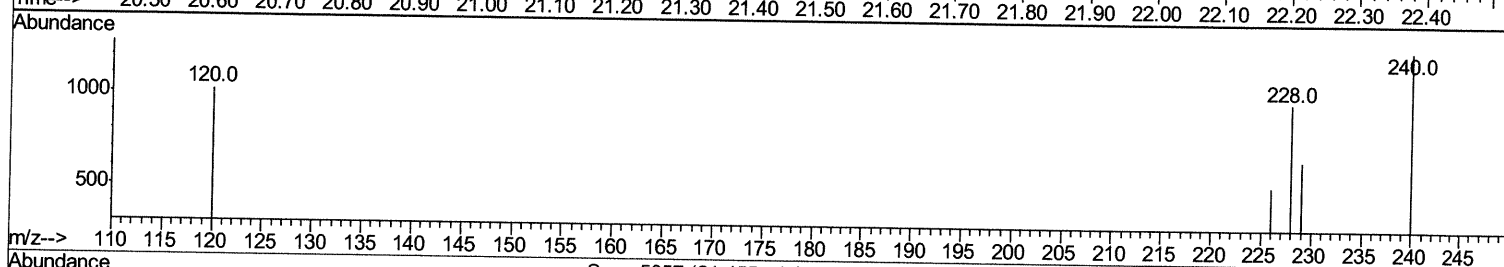
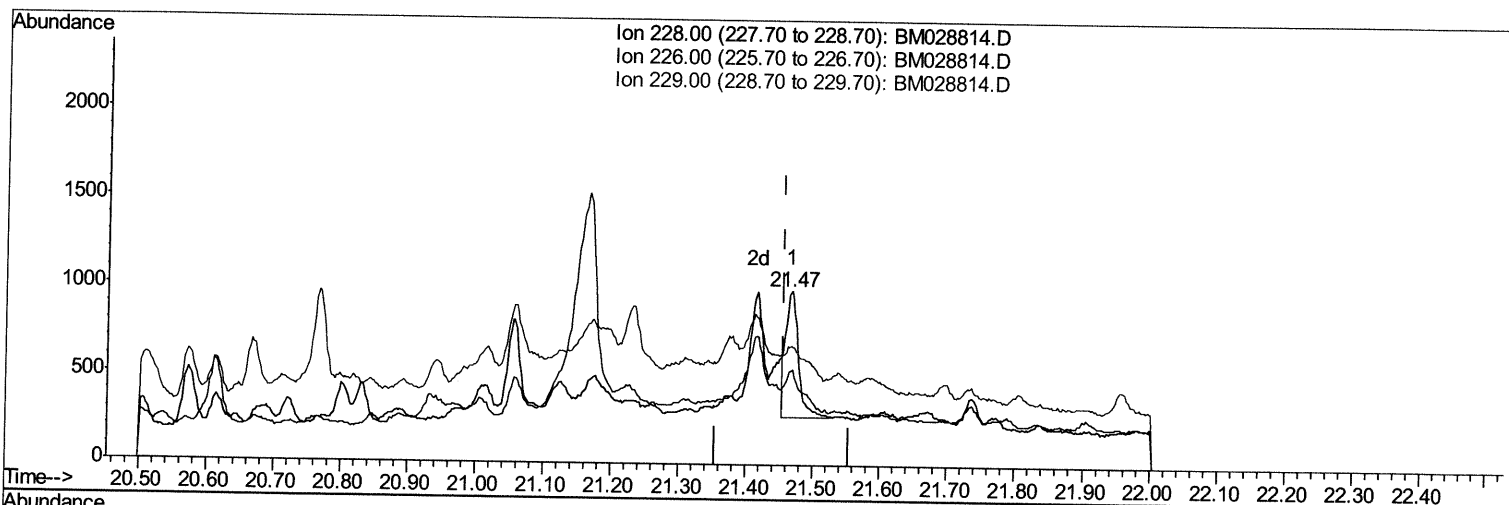
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(19) Chrysene

21.466min (+0.012) 0.09ng/ul

response 968

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.80 | 54.21# |
| 229.00 | 23.50 | 68.63# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

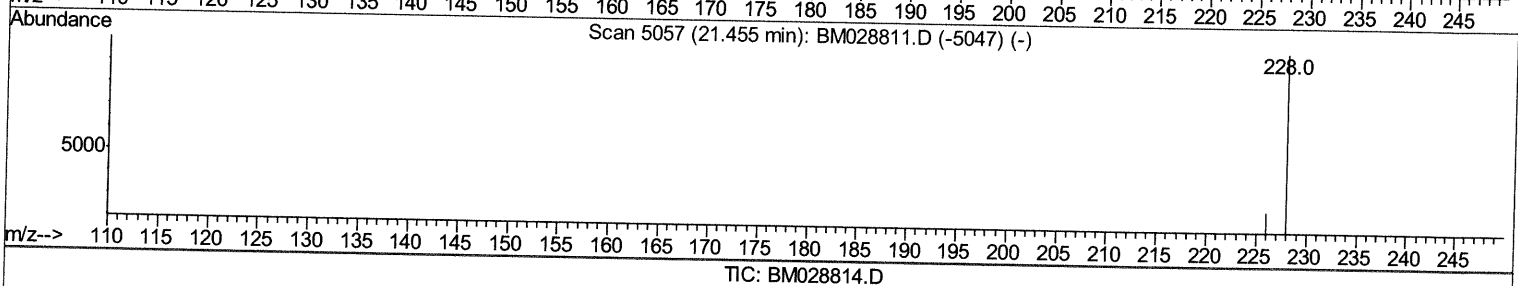
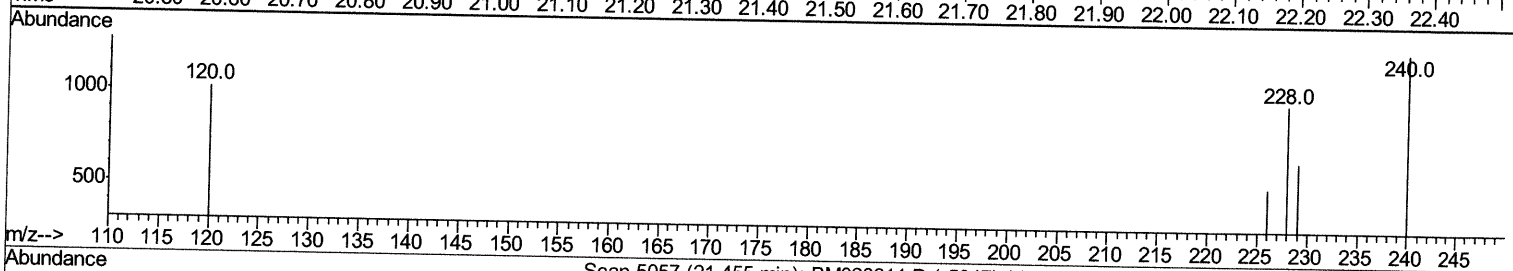
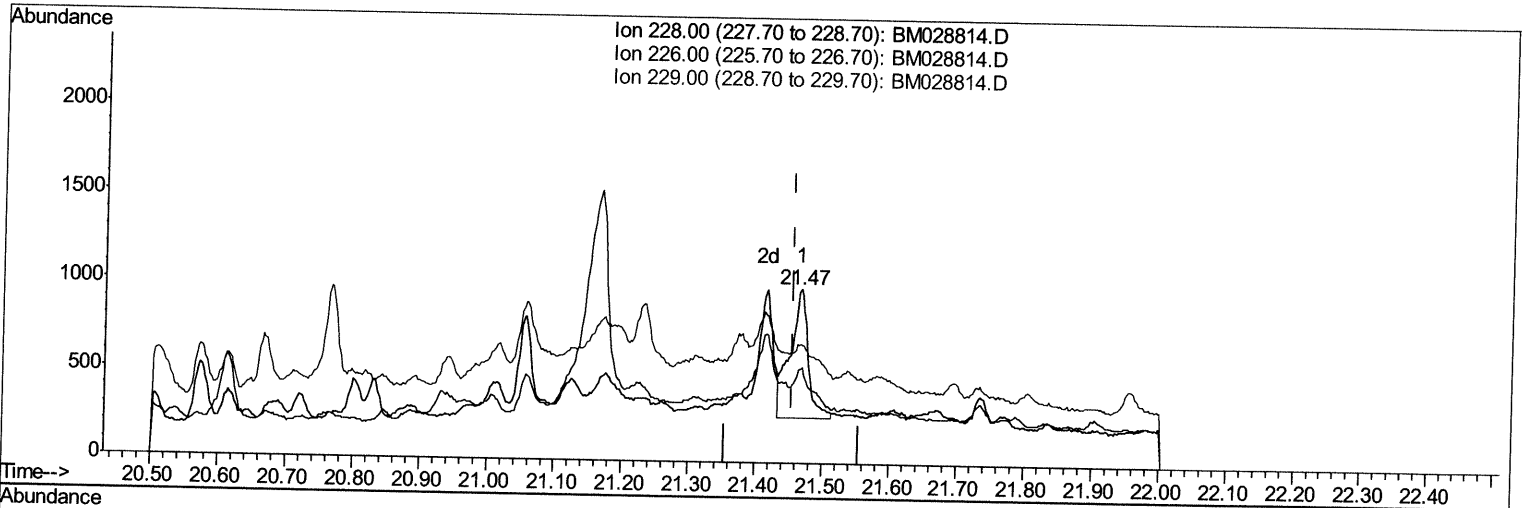
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**Instrument :**  
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**ClientSampleId :**  
 DBGY9REDL

**Manual Integrations**  
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TIC: BM028814.D

(19) Chrysene

21.466min (+0.012) 0.13ng/ul m 02/22/21 JU

response 1362

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.80 | 54.21# |
| 229.00 | 23.50 | 68.63# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

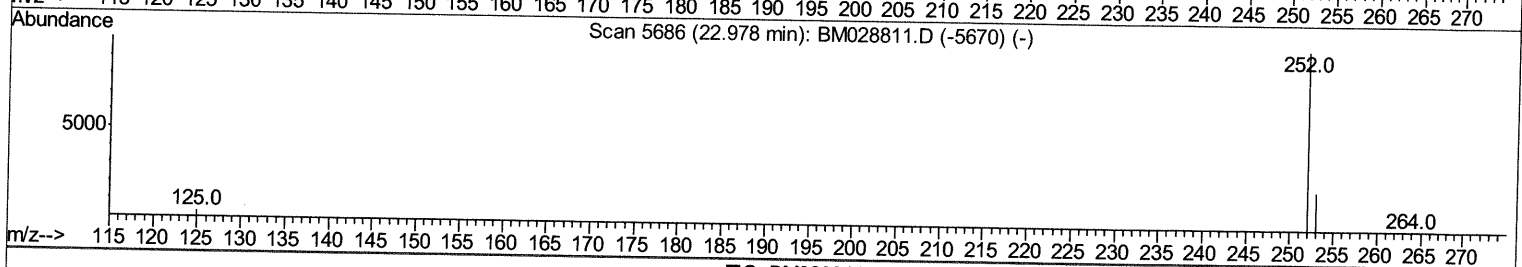
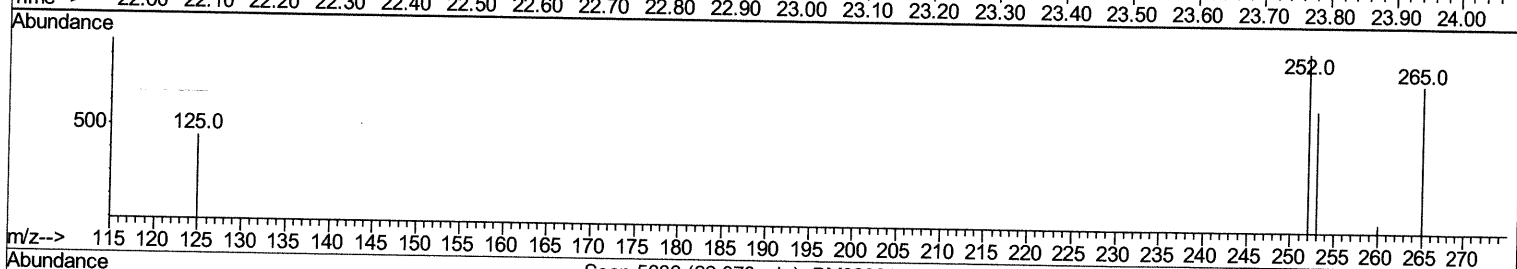
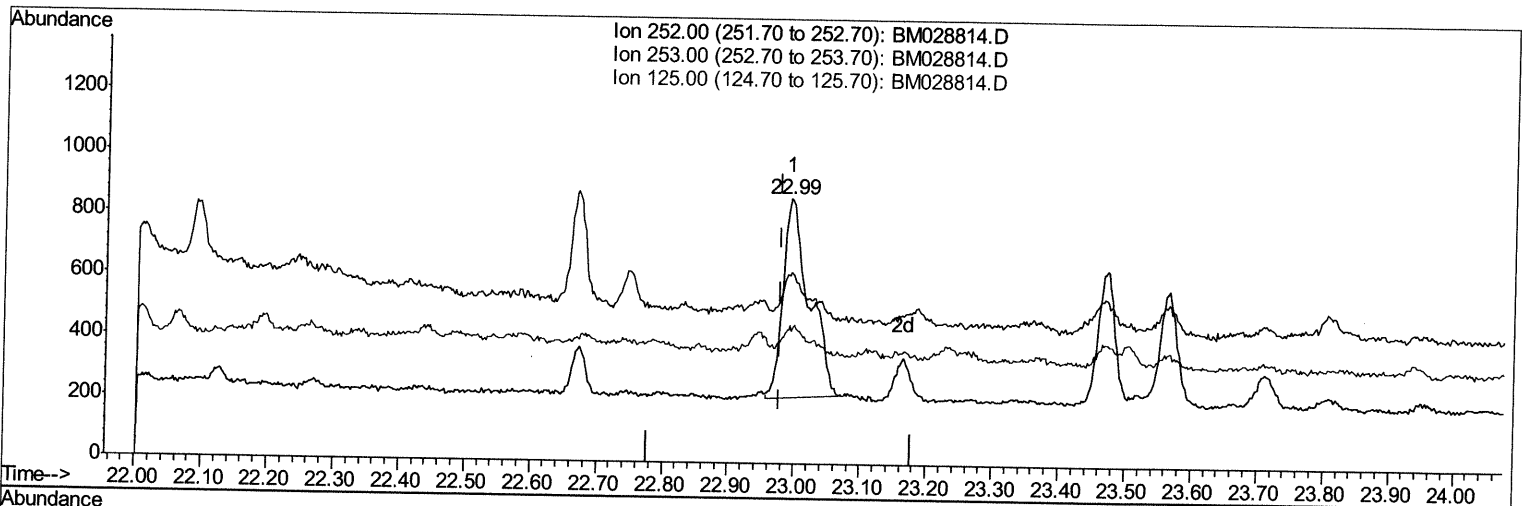
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
Data File : BM028814.D  
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ALS Vial : 29 Sample Multiplier: 1

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TIC: BM028814.D

(21) Benzo(b)fluoranthene

22.992min (+0.014) 0.32ng/ul

response 1804

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.50 | 71.15# |
| 125.00 | 28.70 | 52.61  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

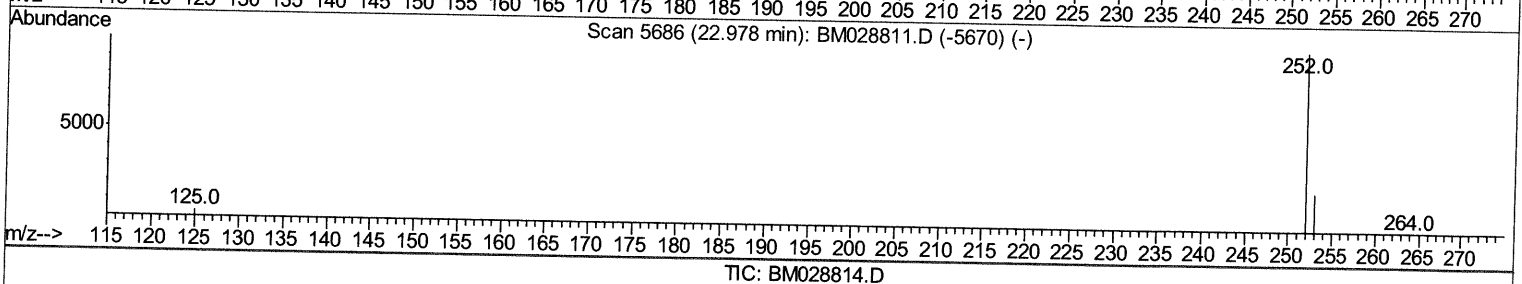
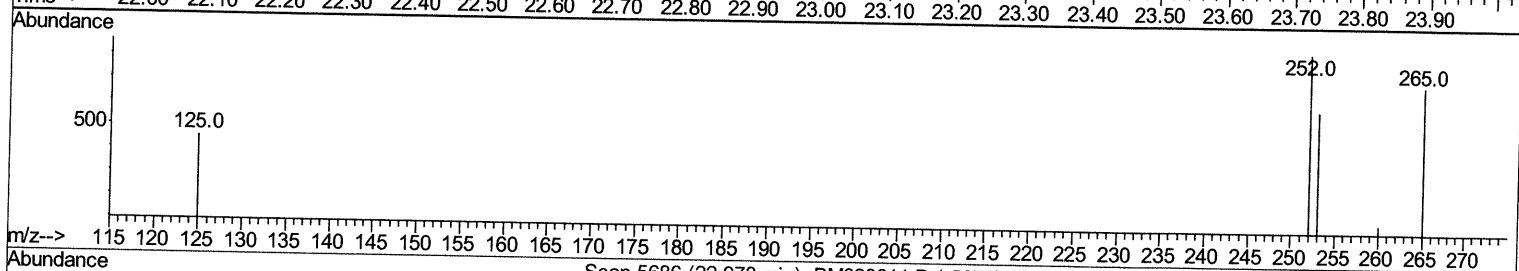
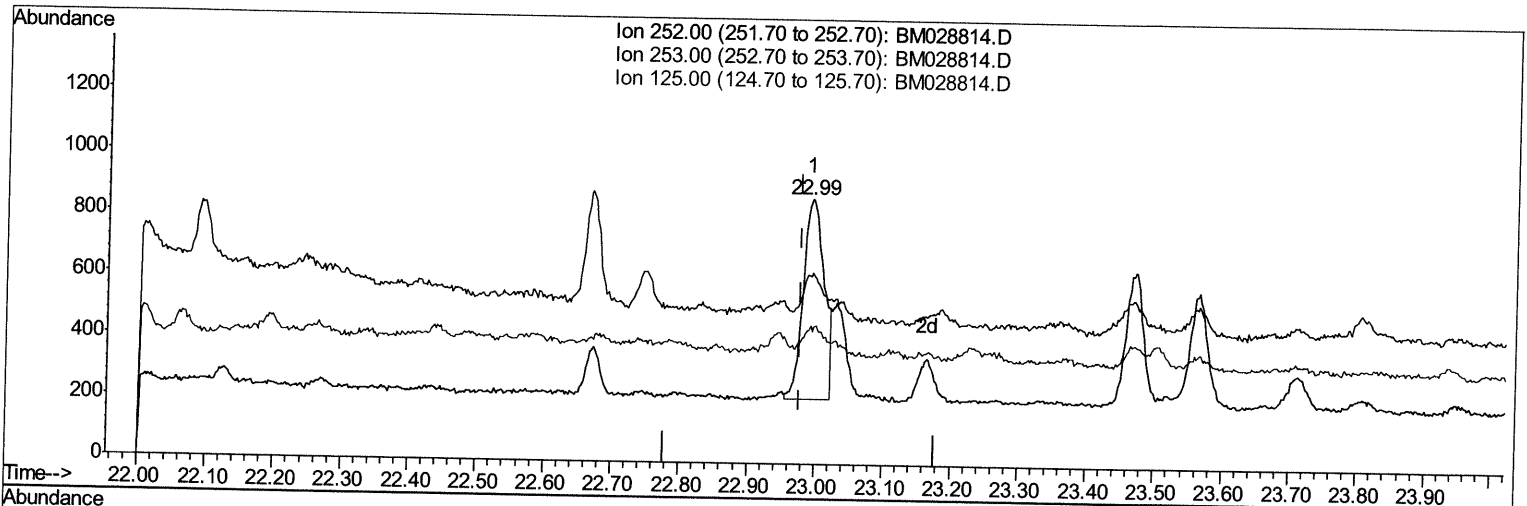
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
 Data File : BM028814.D  
 Acq On : 19 Feb 2021 10:30  
 Operator : CG/JU  
 Sample : M1379-09REDL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBGY9REDL

Manual Integrations  
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Quant Time: Feb 19 11:02:32 2021  
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(21) Benzo(b)fluoranthene

22.992min (+0.014) 0.24ng/ul m 02/22/21 JU

response 1368

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.50 | 71.15# |
| 125.00 | 28.70 | 52.61  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

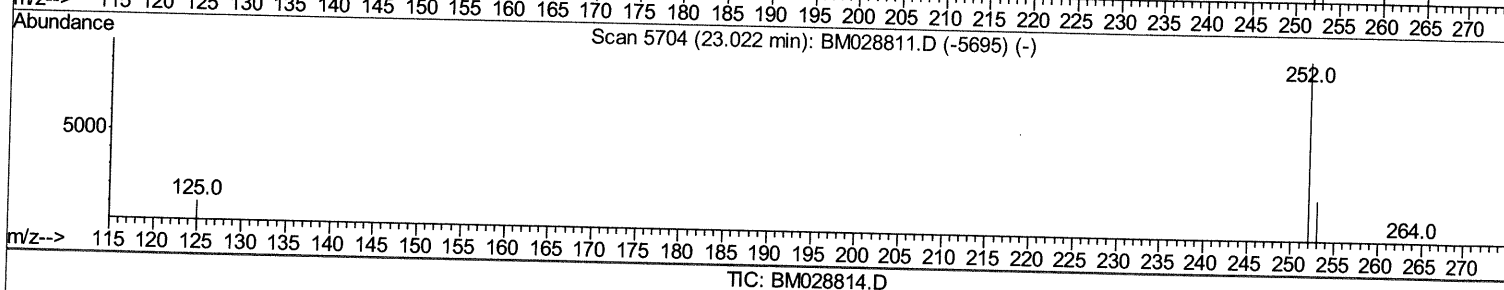
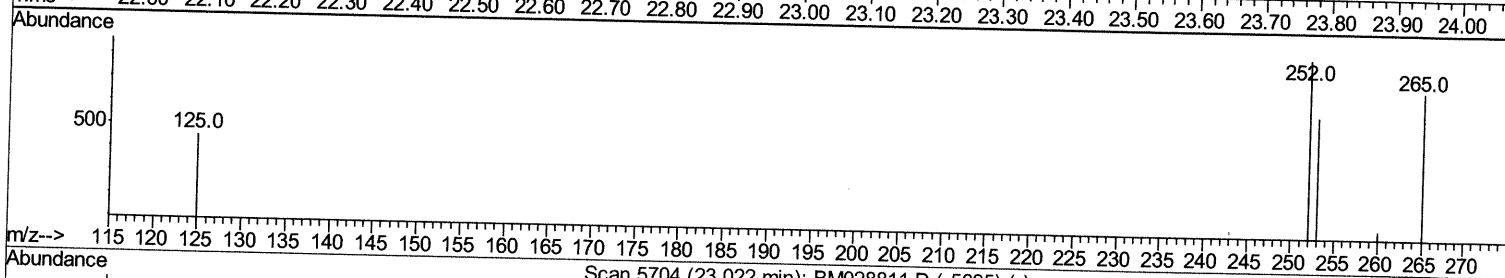
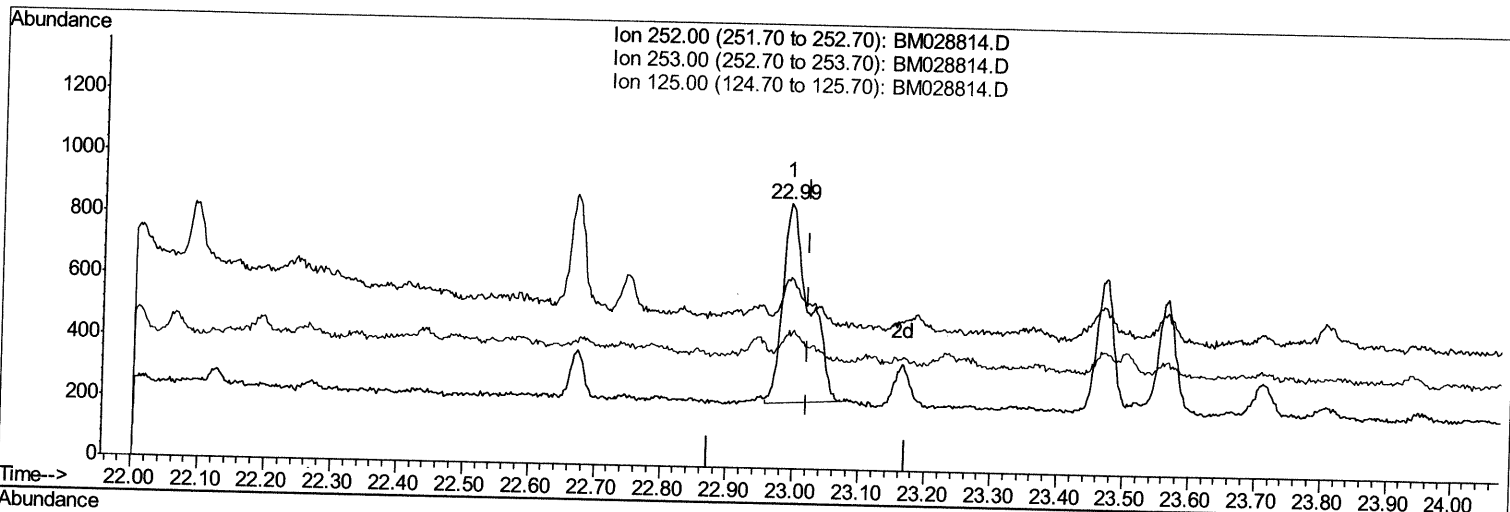
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
 Data File : BM028814.D  
 Acq On : 19 Feb 2021 10:30  
 Operator : CG/JU  
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 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
 2/19/2021 1:20:29 PM

Quant Time: Feb 19 11:02:32 2021  
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 Response via : Initial Calibration



TIC: BM028814.D

(22) Benzo(k)fluoranthene

22.992min (-0.030) 0.32ng/ul

response 1804

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.90 | 71.15# |
| 125.00 | 28.60 | 52.61# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

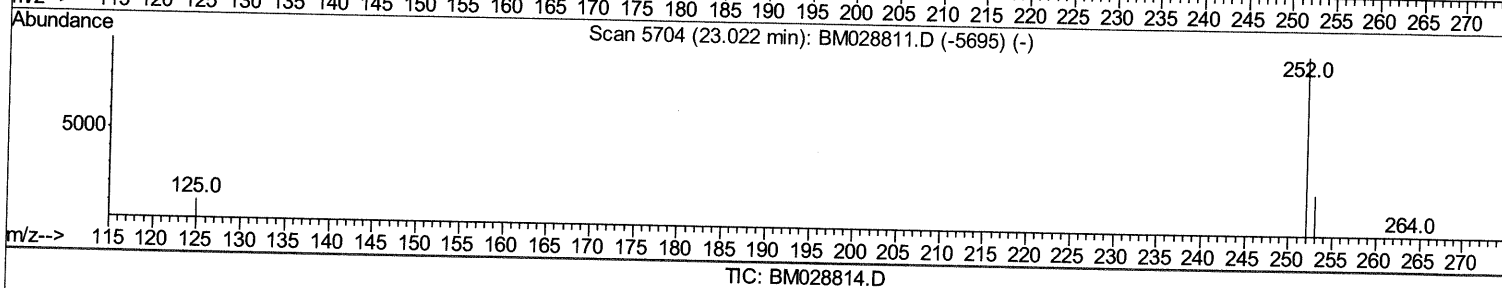
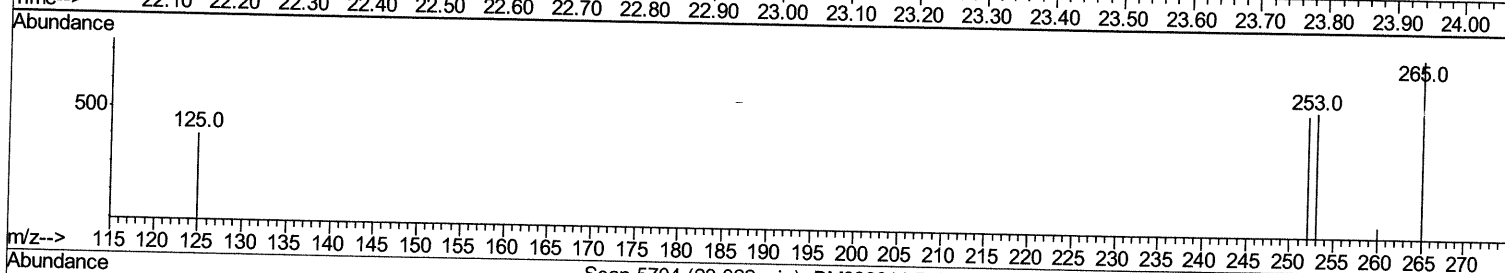
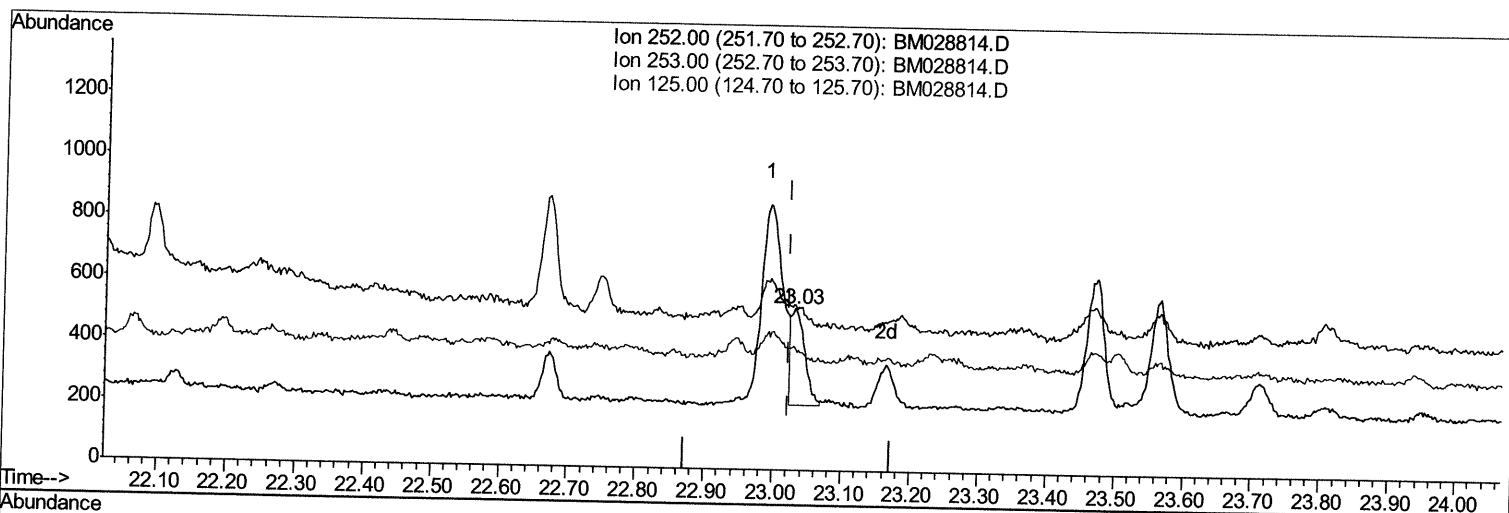
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 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
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 Response via : Initial Calibration



TIC: BM028814.D

(22) Benzo(k)fluoranthene

23.031min (+0.009) 0.07ng/ul m *02/22/21 JU*

response 414

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 32.90 | 102.46# |
| 125.00 | 28.60 | 76.14#  |
| 0.00   | 0.00  | 0.00    |



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
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 Operator : CG/JU  
 Sample : M1379-09REDL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBGY9REDL

Manual Integrations  
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mohammad  
 2/19/2021 1:20:29 PM

Quant Time: Feb 19 11:04:20 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 19 10:10:00 2021

Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.89  | 152  | 414      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 1649     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.53 | 164  | 884      | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.27 | 188  | 1742     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 3128     | 0.40  | ng/ul  | 0.01     |
| 20) Perylene-d12            | 23.66 | 264  | 1638     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 81       | 0.03  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 199      | 0.04  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.74 | 128  | 152      | 0.037 | ng/ul# | 27       |
| 7) Acenaphthylene           | 14.26 | 152  | 360      | 0.100 | ng/ul# | 20       |
| 9) Fluorene                 | 15.58 | 166  | 119      | 0.037 | ng/ul# | 73       |
| 12) Phenanthrene            | 17.32 | 178  | 1036     | 0.213 | ng/ul# | 89       |
| 13) Anthracene              | 17.40 | 178  | 494      | 0.106 | ng/ul# | 65       |
| 15) Fluoranthene            | 19.32 | 202  | 1954     | 0.353 | ng/ul# | 87       |
| 17) Pyrene                  | 19.68 | 202  | 1771     | 0.156 | ng/ul# | 90       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 763      | 0.071 | ng/ul# | 1        |
| 19) Chrysene                | 21.47 | 228  | 1362m    | 0.128 | ng/ul# |          |
| 21) Benzo(b)fluoranthene    | 22.99 | 252  | 1368m    | 0.244 | ng/ul# |          |
| 22) Benzo(k)fluoranthene    | 23.03 | 252  | 414m     | 0.074 | ng/ul# |          |
| 23) Benzo(a)pyrene          | 23.57 | 252  | 673      | 0.135 | ng/ul# | 26       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.92 | 276  | 614      | 0.094 | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.92 | 278  | 180      | 0.033 | ng/ul# | 1        |
| 26) Benzo(a,h,i)perylene    | 26.61 | 276  | 552      | 0.102 | ng/ul# | 55       |

02/22/21JU

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