

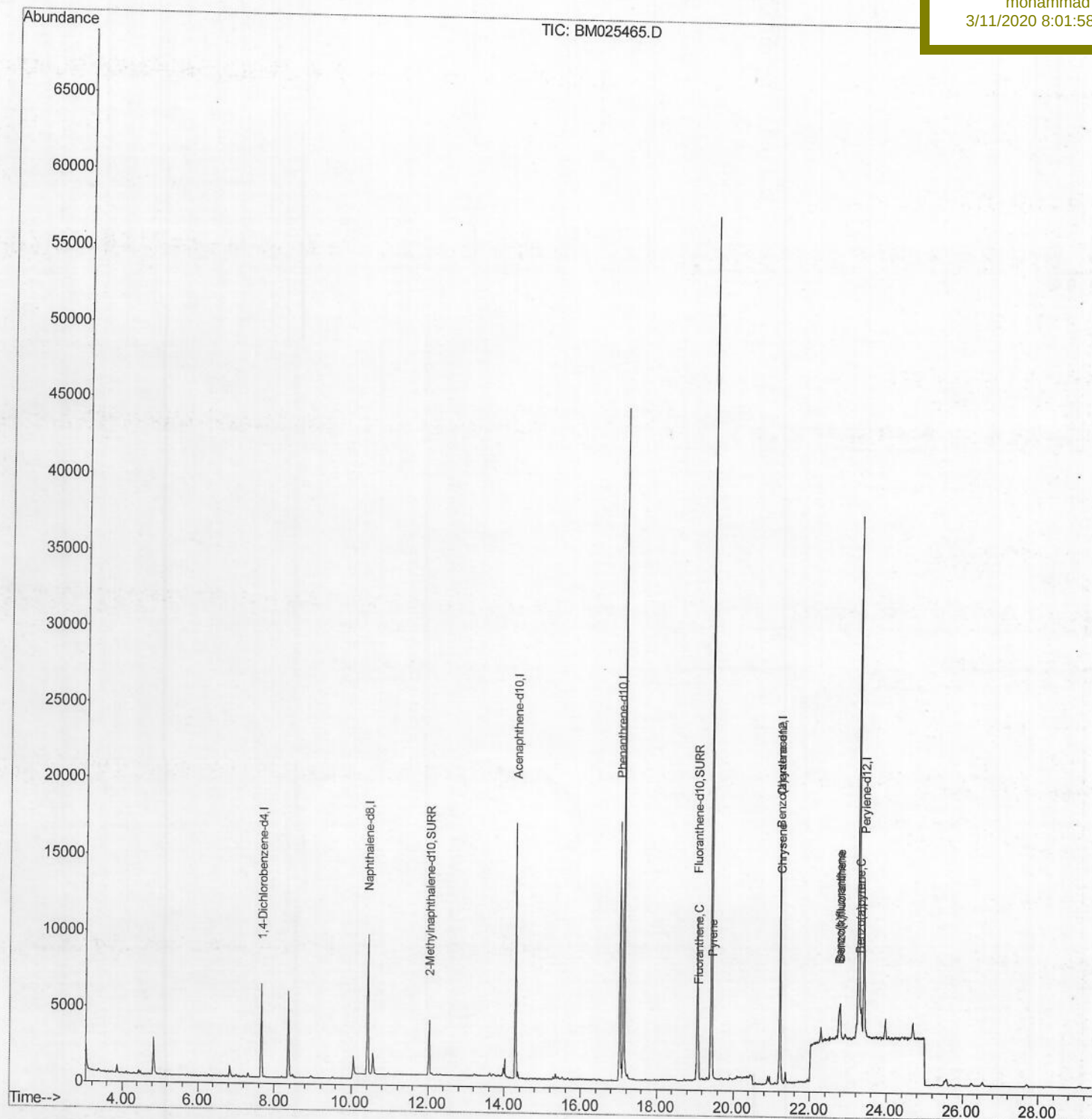
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\  
Data File : BM025465.D  
Acq On : 10 Mar 2020 22:41  
Operator : CG/JU  
Sample : L1617-22  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Mar 11 00:14:49 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 10 23:48:01 2020  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampled :  
DBDT6

Manual Integrations  
APPROVED

mohammad  
3/11/2020 8:01:58 AM



# Quantitation Report (Qedit)

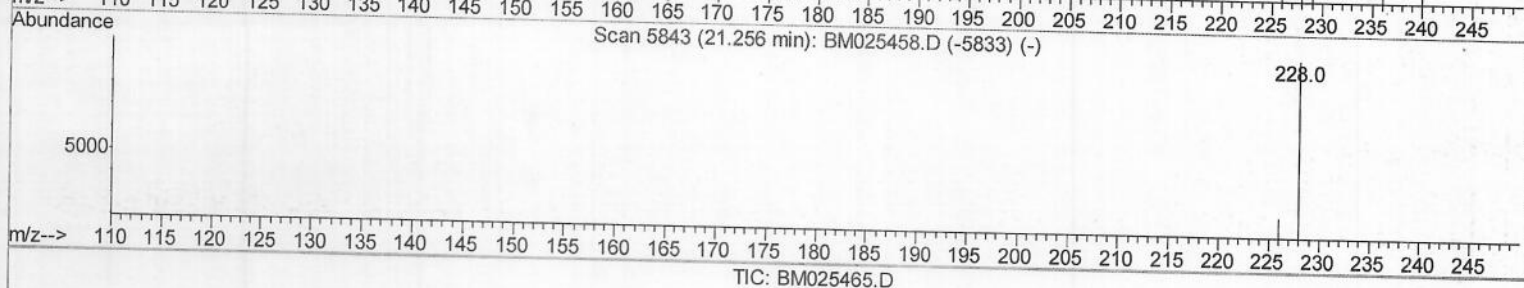
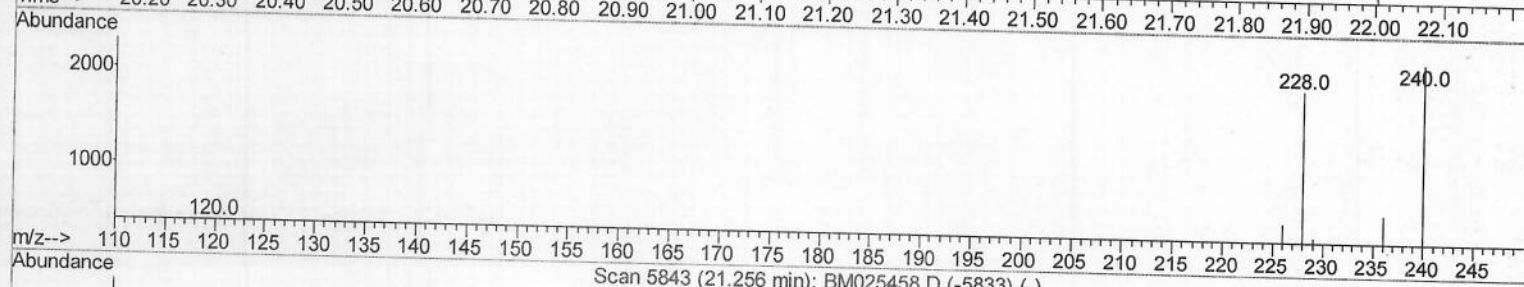
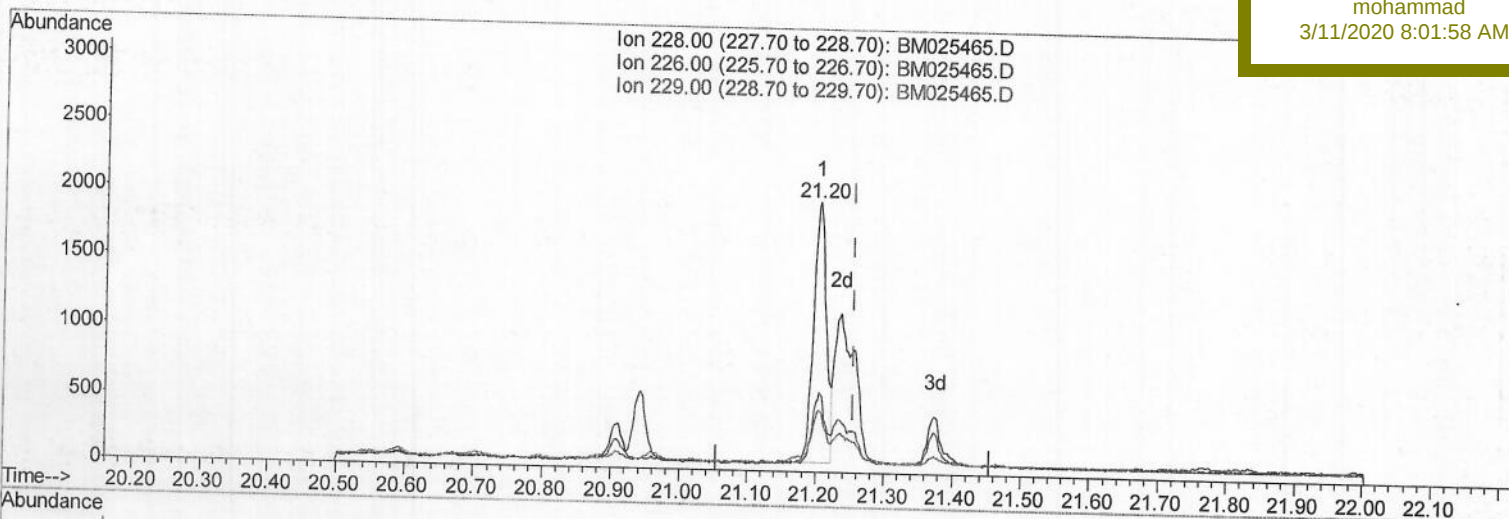
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\  
 Data File : BM025465.D  
 Acq On : 10 Mar 2020 22:41  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT6

Manual Integrations  
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Quant Time: Mar 11 00:12:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 23:48:01 2020  
 Response via : Initial Calibration



TIC: BM025465.D

(19) Chrysene

21.205min (-0.051) 0.05ng/ul

response 2485

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.50 | 29.98 |
| 229.00 | 20.40 | 23.12 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\

Data File : BM025465.D

Acq On : 10 Mar 2020 22:41

Operator : CG/JU

Sample : L1617-22

Misc :

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Mar 11 00:12:58 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 10 23:48:01 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

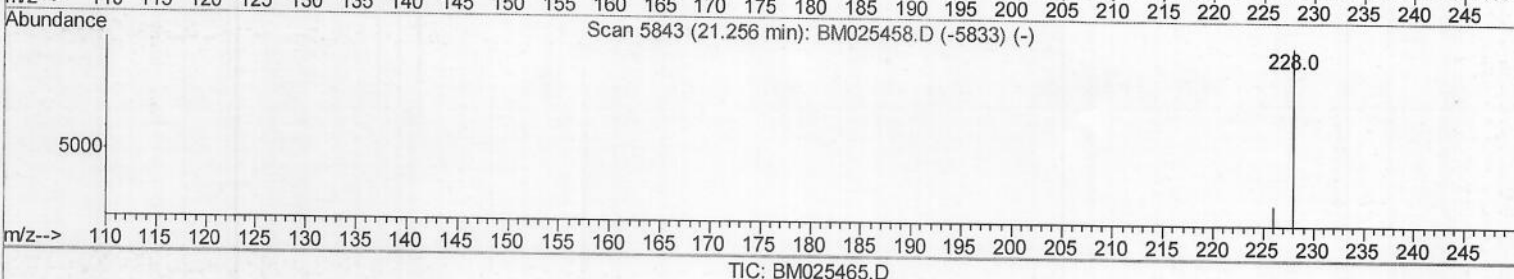
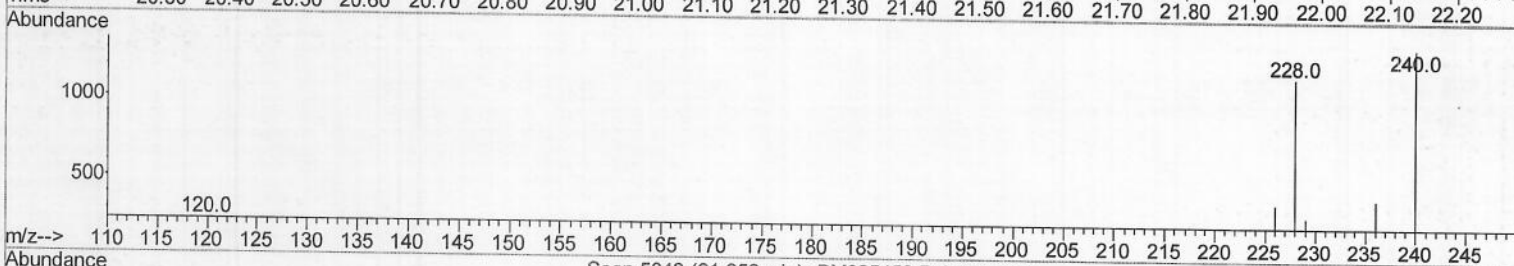
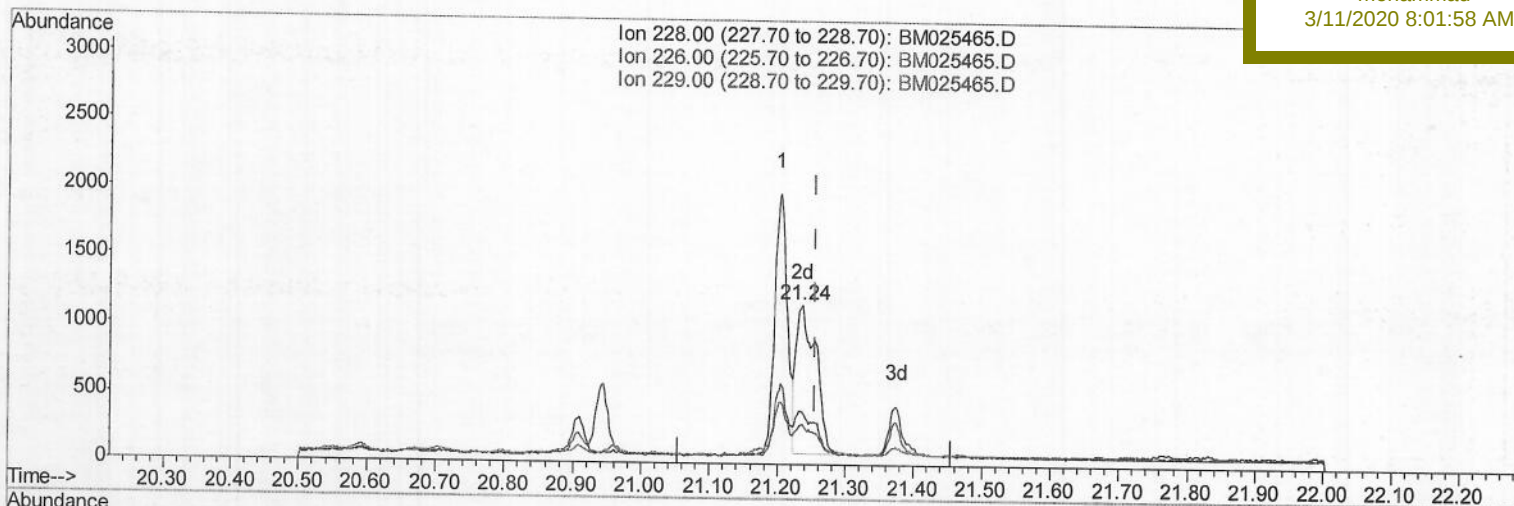
DBDT6

Manual Integrations

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3/11/2020 8:01:58 AM



(19) Chrysene

21.236min (-0.020) 0.04ng/ul m *SV 03/11/20*

response 2227

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.50 | 32.88  |
| 229.00 | 20.40 | 25.53# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\

Data File : BM025465.D

Acq On : 10 Mar 2020 22:41

Operator : CG/JU

Sample : L1617-22

Misc :

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Mar 11 00:12:58 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 10 23:48:01 2020

Response via : Initial Calibration

Instrument :

BNA\_M

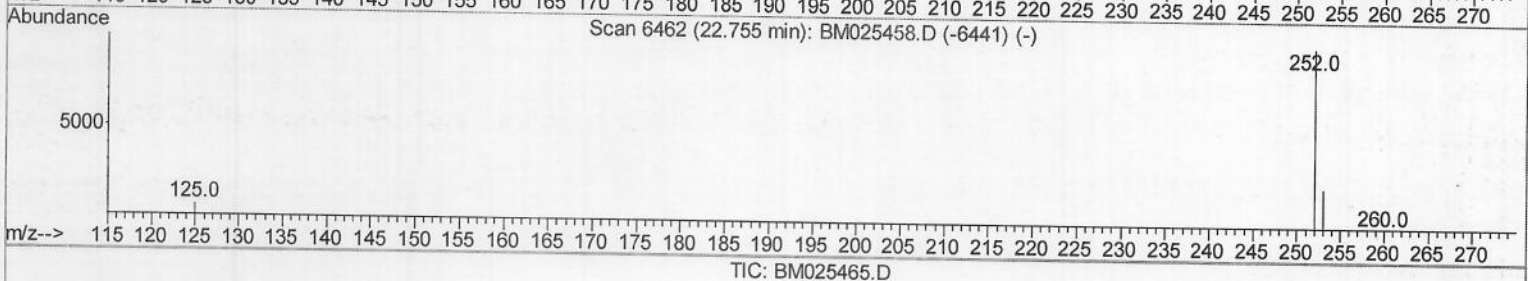
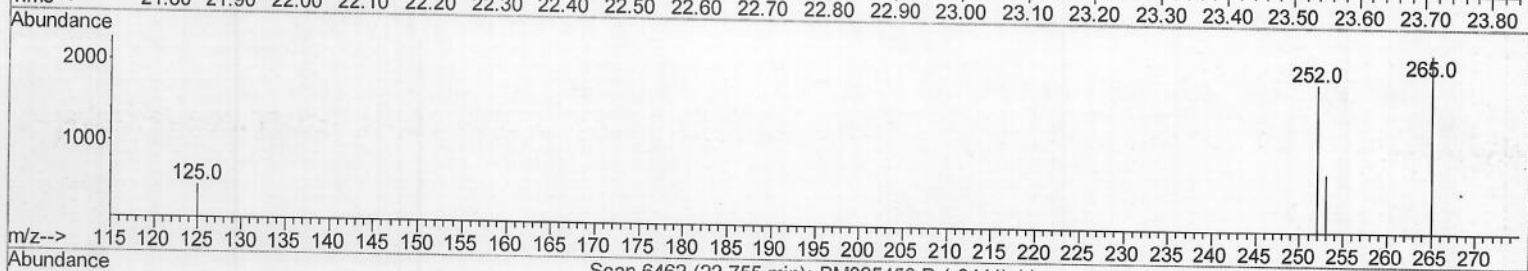
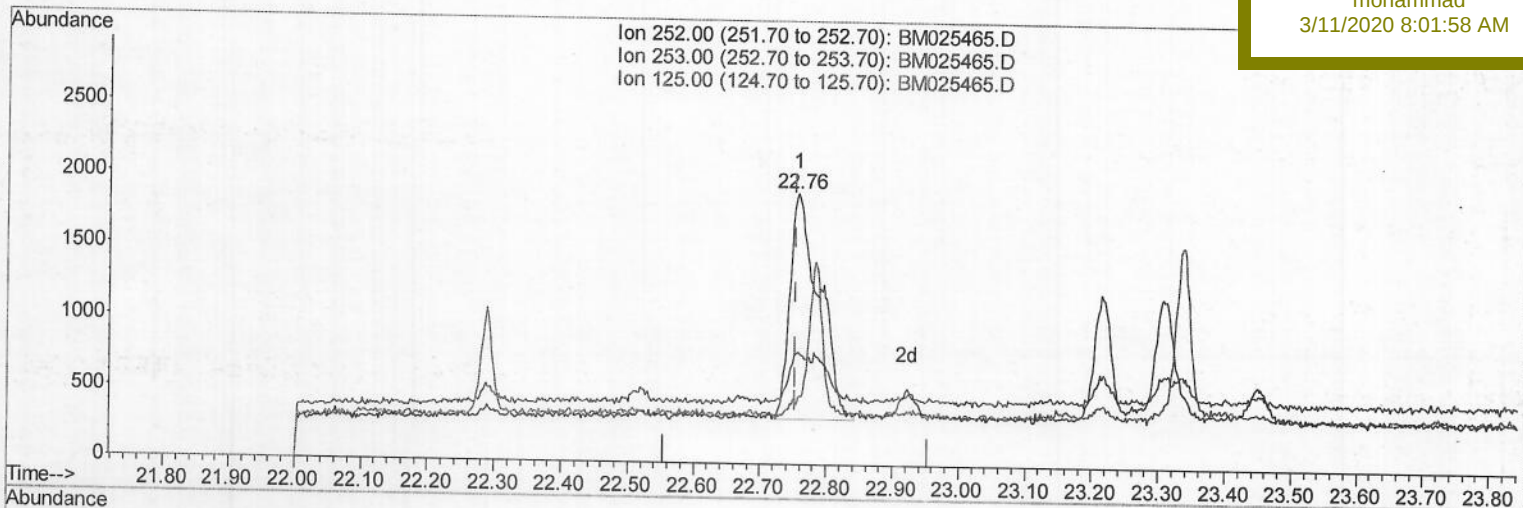
ClientSampleId :

DBDT6

Manual Integrations  
APPROVED

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3/11/2020 8:01:58 AM



(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.10ng/ul

response 4874

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 41.74  |
| 125.00 | 8.80  | 24.64# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

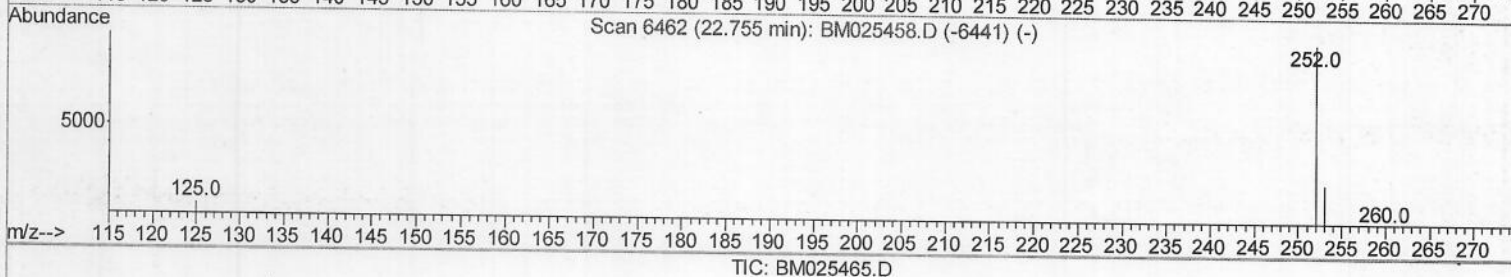
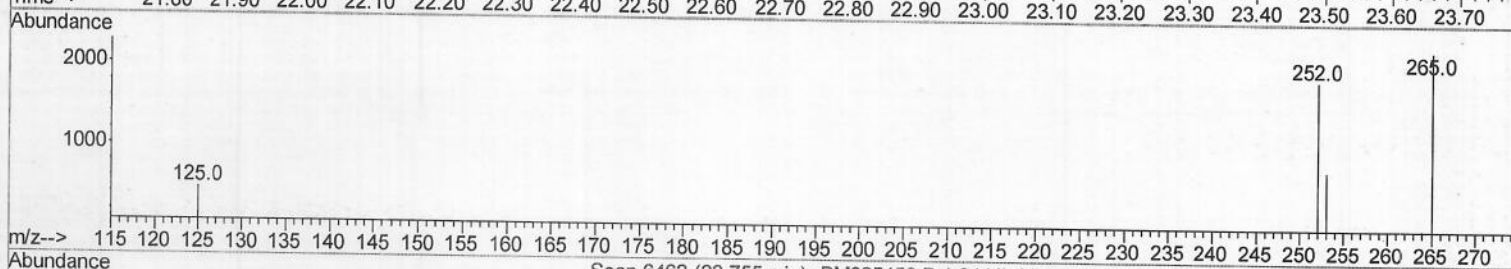
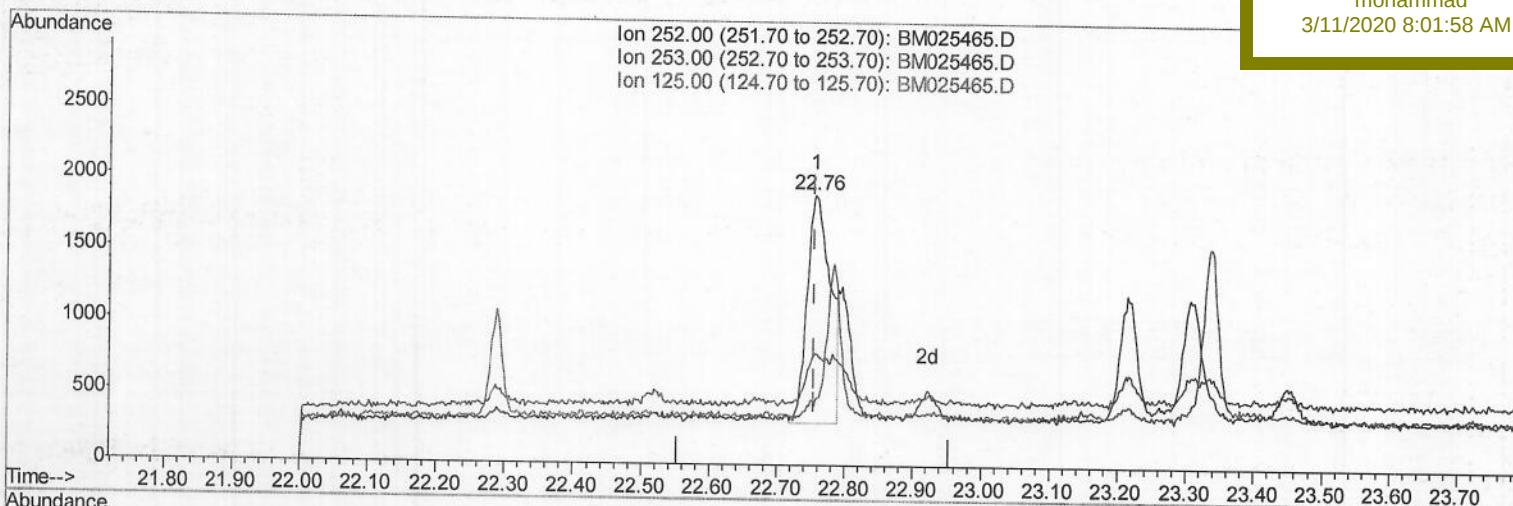
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\  
 Data File : BM025465.D  
 Acq On : 10 Mar 2020 22:41  
 Operator : CG/JU  
 Sample : L1617-22  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DBDT6

**Manual Integrations**  
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Quant Time: Mar 11 00:12:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 10 23:48:01 2020  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.07ng/ul m *50 03/11/20*

response 3750

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 41.74  |
| 125.00 | 8.80  | 24.64# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\

Data File : BM025465.D

Acq On : 10 Mar 2020 22:41

Operator : CG/JU

Sample : L1617-22

Misc :

ALS Vial : 59 Sample Multiplier: 1

Quant Time: Mar 11 00:14:03 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 10 23:48:01 2020

Response via : Initial Calibration

Instrument :

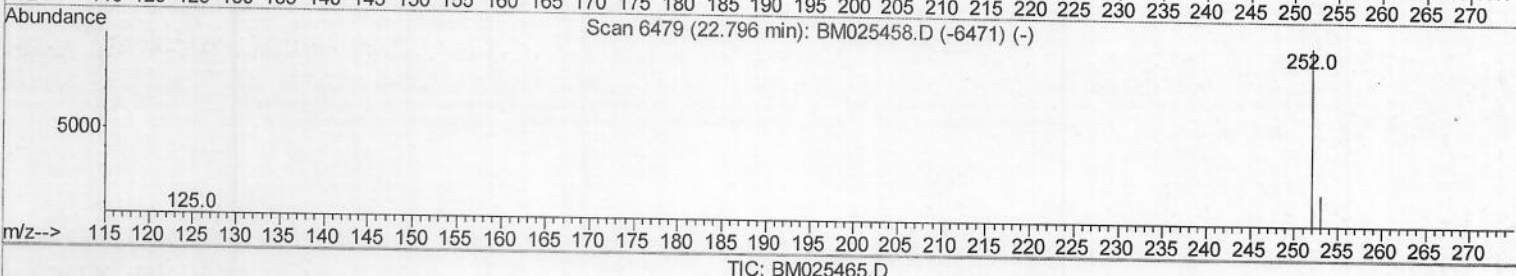
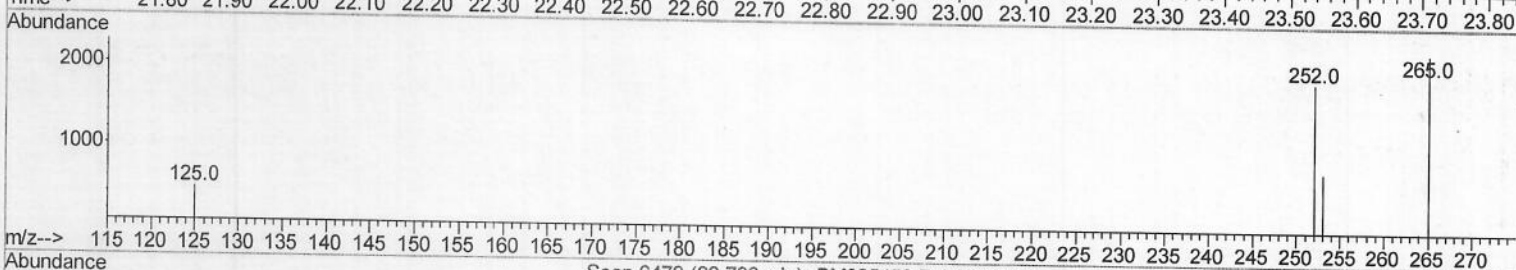
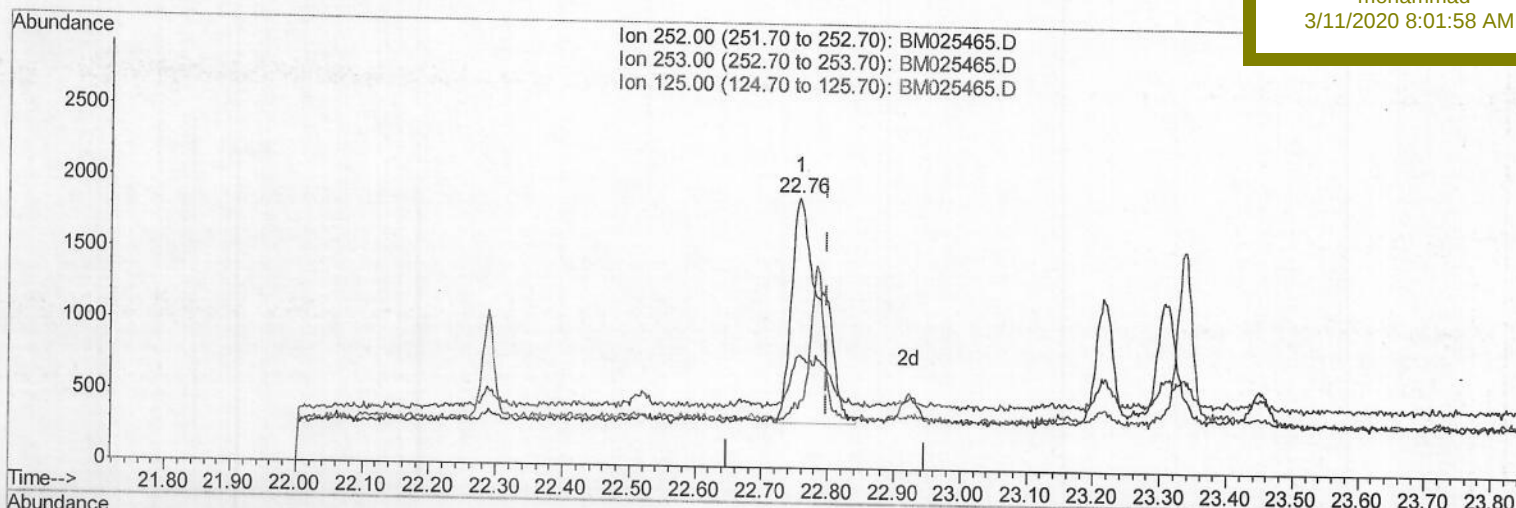
BNA\_M

Client Sampled :

DBDT6

Manual Integrations  
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3/11/2020 8:01:58 AM



TIC: BM025465.D

(22) Benzo(k)fluoranthene

22.757min (-0.041) 0.09ng/ul

response 4874

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 41.74# |
| 125.00 | 8.90  | 24.64# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

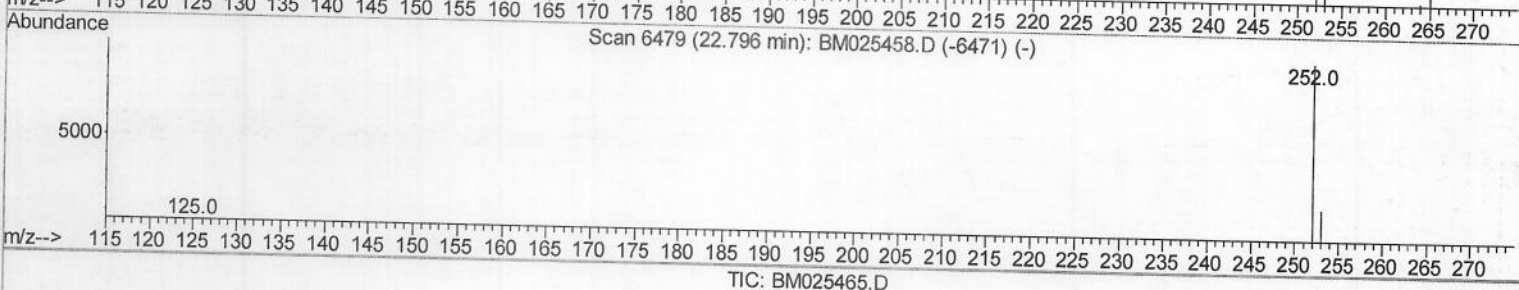
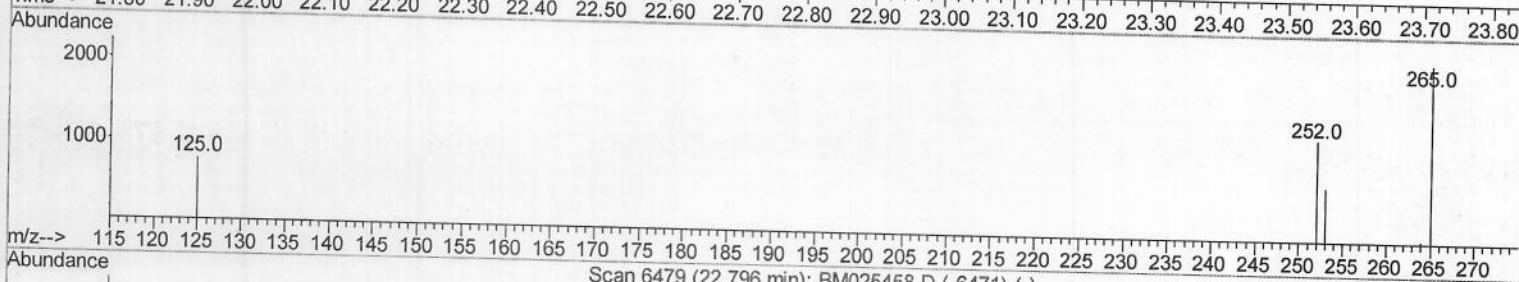
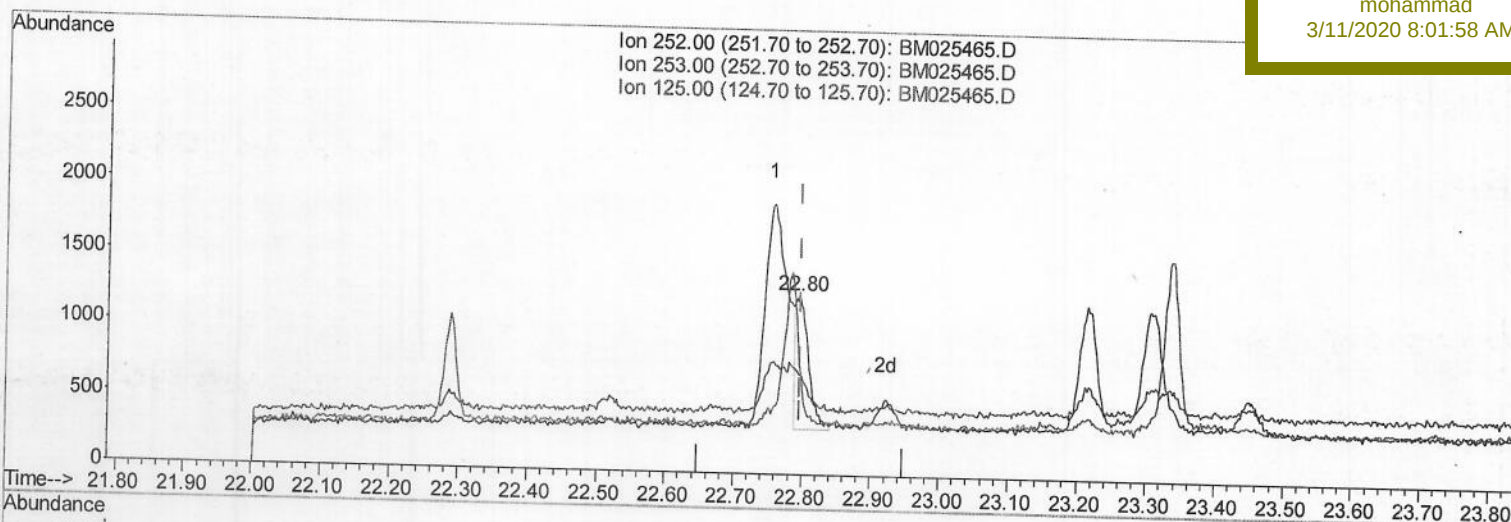
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\  
 Data File : BM025465.D  
 Acq On : 10 Mar 2020 22:41  
 Operator : CG/JU  
 Sample : L1617-22  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Quant Time: Mar 11 00:14:03 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT6

Manual Integrations  
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(22) Benzo(k)fluoranthene

22.796min (-0.003) 0.02ng/ul m 350 03/11/20

response 1209

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 56.17# |
| 125.00 | 8.90  | 62.42# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\  
 Data File : BM025465.D  
 Acq On : 10 Mar 2020 22:41  
 Operator : CG/JU  
 Sample : L1617-22  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT6

Quant Time: Mar 11 00:14:49 2020  
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Manual Integrations  
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 3/11/2020 8:01:58 AM

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|--------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 3024     | 0.40  | ng/ul  | 0.00        |
| 2) Naphthalene-d8           | 10.43 | 136  | 12680    | 0.40  | ng/ul  | 0.00        |
| 6) Acenaphthene-d10         | 14.29 | 164  | 9019     | 0.40  | ng/ul  | 0.00        |
| 10) Phenanthrene-d10        | 17.03 | 188  | 20195    | 0.40  | ng/ul  | 0.00        |
| 16) Chrysene-d12            | 21.22 | 240  | 13745    | 0.40  | ng/ul  | 0.00        |
| 20) Perylene-d12            | 23.40 | 264  | 12920    | 0.40  | ng/ul  | 0.00        |
| System Monitoring Compounds |       |      |          |       |        |             |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 5059     | 0.22  | ng/ul  | 0.00        |
| 14) Fluoranthene-d10        | 19.06 | 212  | 12270    | 0.22  | ng/ul  | 0.00        |
| Target Compounds            |       |      |          |       |        |             |
| 15) Fluoranthene            | 19.09 | 202  | 2999     | 0.043 | ng/ul  | 92          |
| 17) Pyrene                  | 19.45 | 202  | 3408     | 0.055 | ng/ul# | 94          |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 2485     | 0.051 | ng/ul  | 93          |
| 19) Chrysene                | 21.24 | 228  | 2227m }  | 0.040 | ng/ul  | } 560311120 |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 3750m }  | 0.073 | ng/ul  |             |
| 22) Benzo(k)fluoranthene    | 22.80 | 252  | 1209m }  | 0.023 | ng/ul  |             |
| 23) Benzo(a)pyrene          | 23.31 | 252  | 1815     | 0.043 | ng/ul# | 44          |

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