

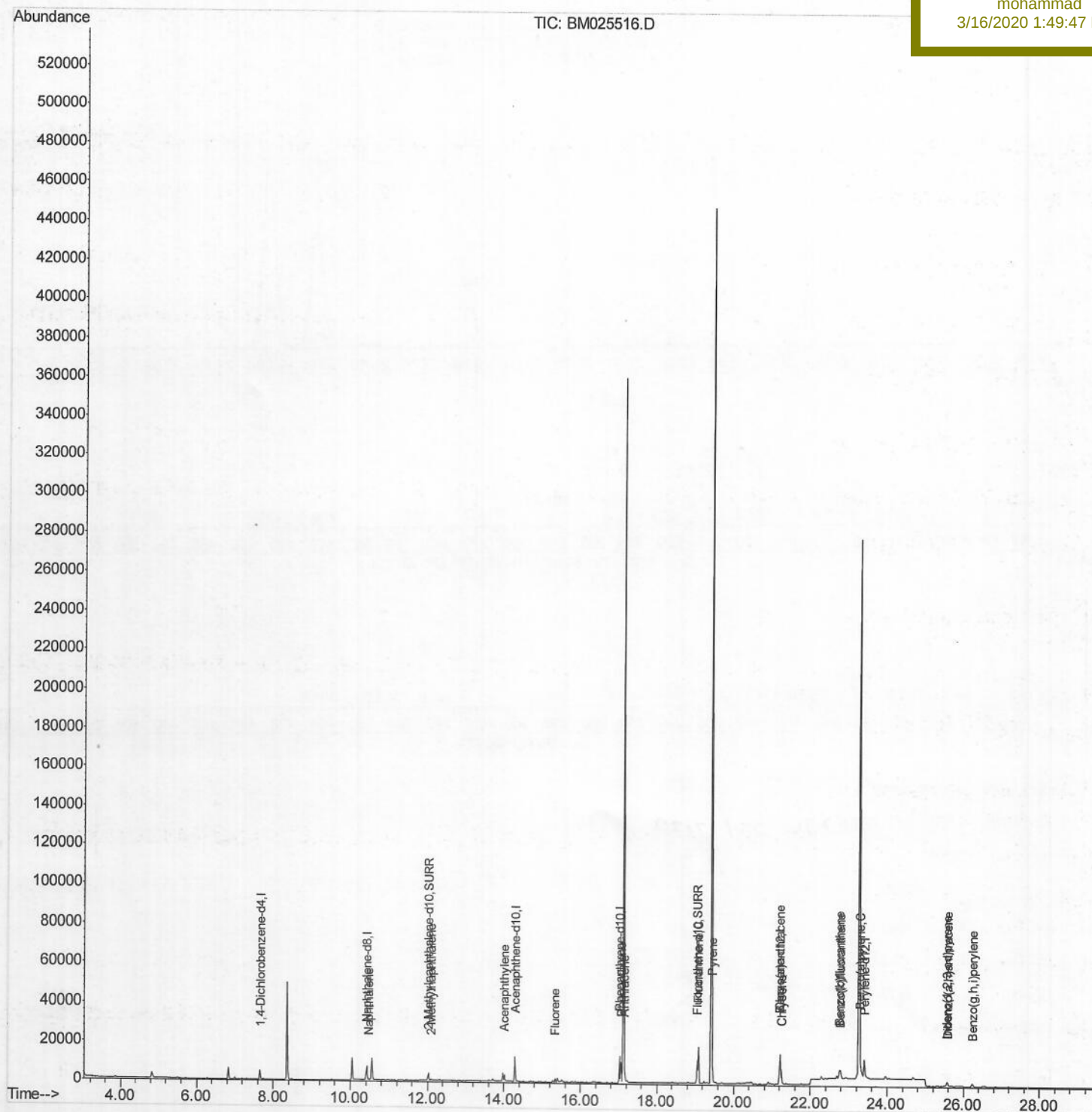
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\  
Data File : BM025516.D  
Acq On : 12 Mar 2020 11:05  
Operator : CG/JU  
Sample : L1677-16  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:42:18 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 : Fri Mar 13 04:33:15 2020  
Response via : Initial Calibration

Instrument :  
BNA\_M  
Client Sampled :  
C0CD8

Manual Integrations  
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Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:38:03 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

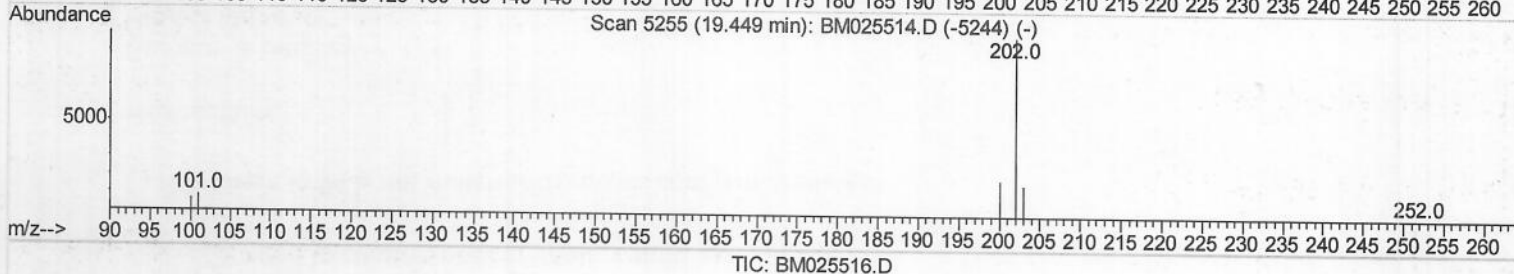
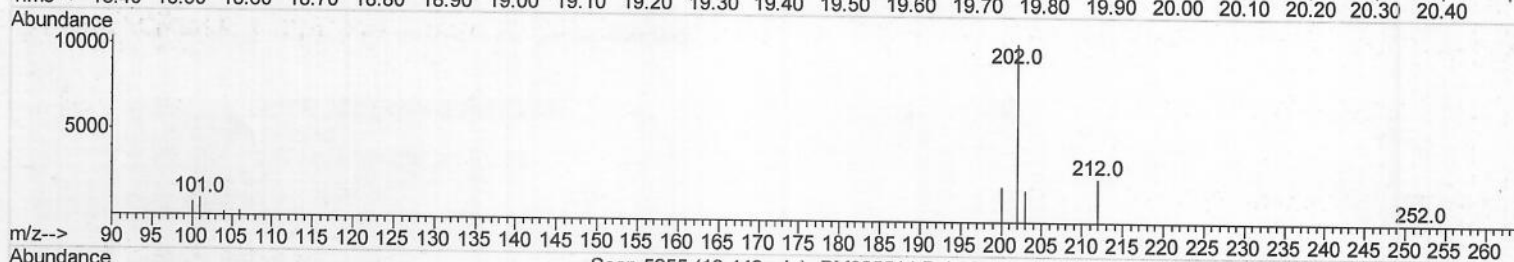
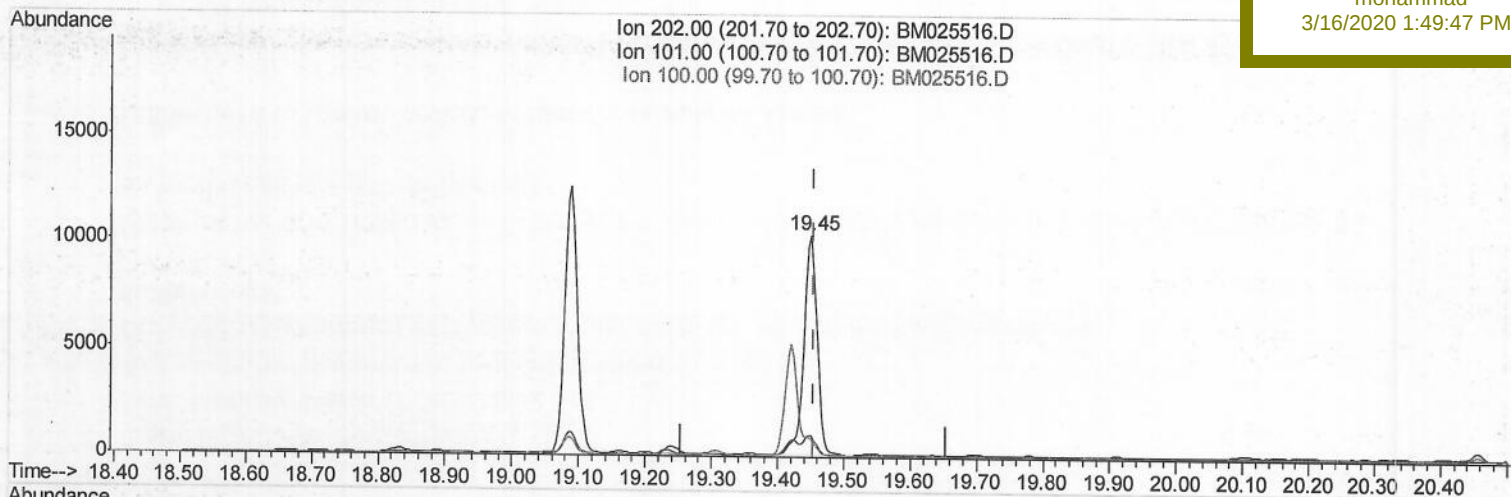
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(17) Pyrene

19.451min (-0.004) 0.26ng/ul

response 13916

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |
| 101.00 | 8.90 | 9.96 |
| 100.00 | 7.50 | 8.29 |
| 0.00   | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:38:03 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

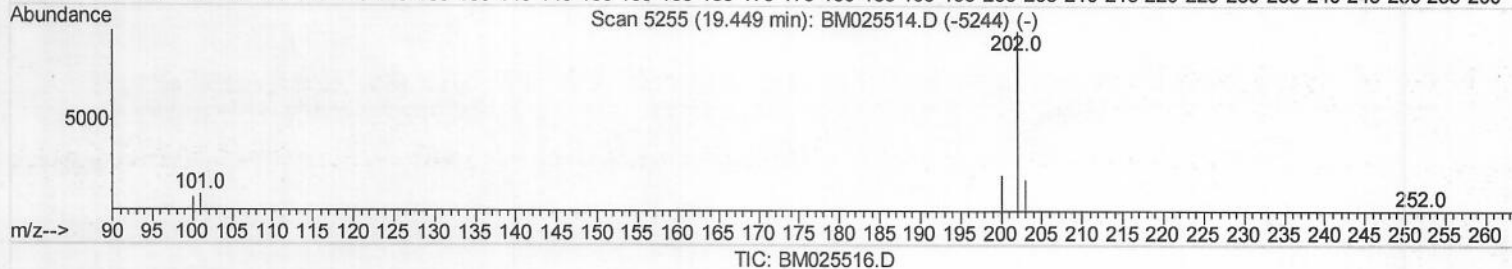
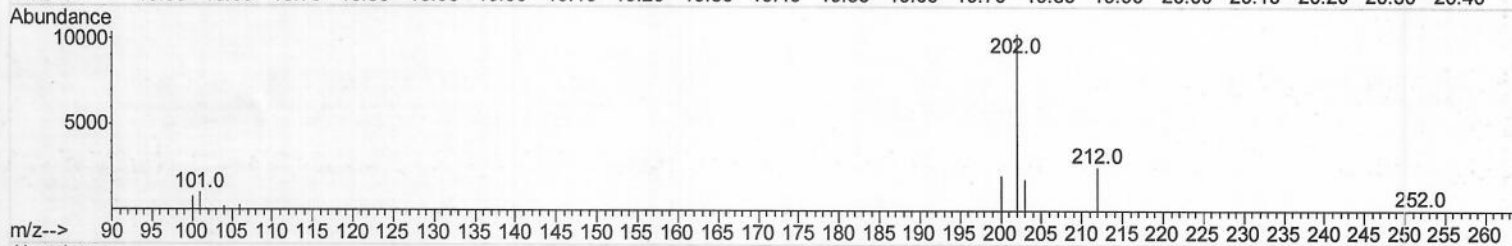
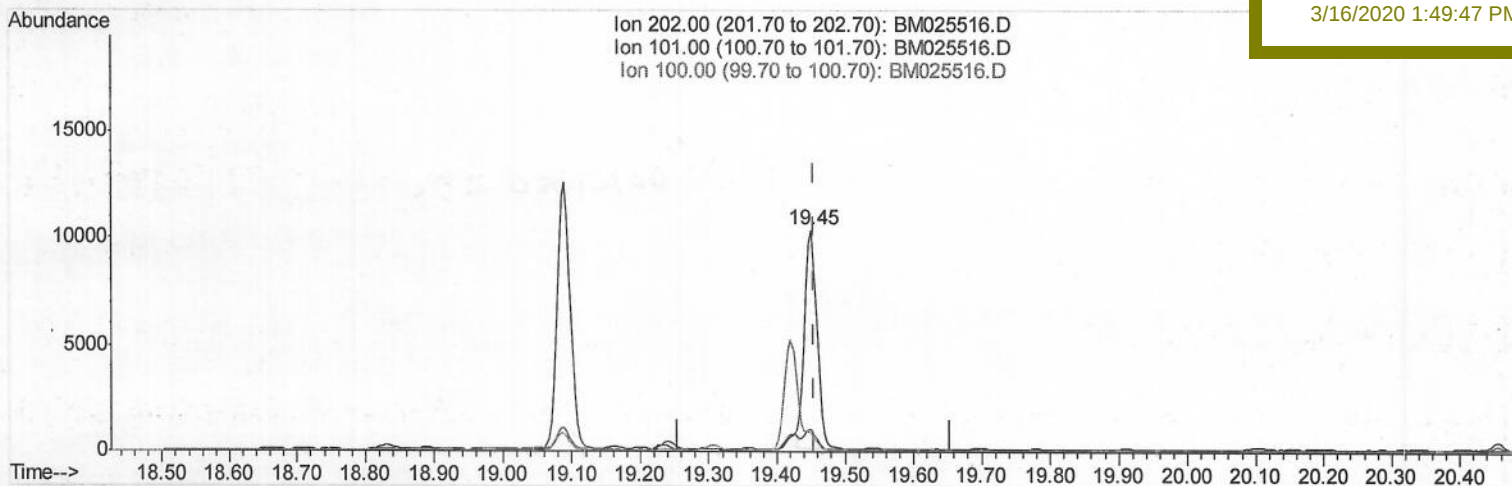
C0CD8

Manual Integrations

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(17) Pyrene

19.451min (-0.004) 0.24ng/ul m&gt; Ju 03/16/20

response 12863

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |
| 101.00 | 8.90 | 9.96 |
| 100.00 | 7.50 | 8.29 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:40:38 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

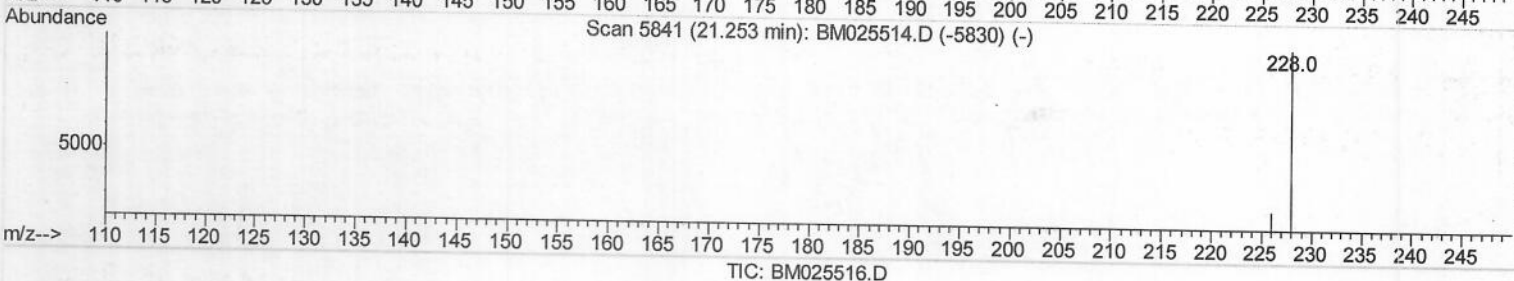
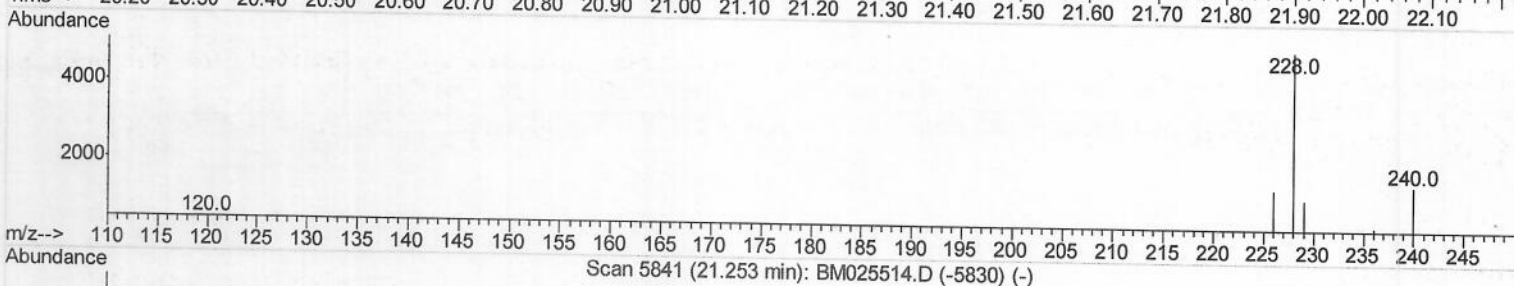
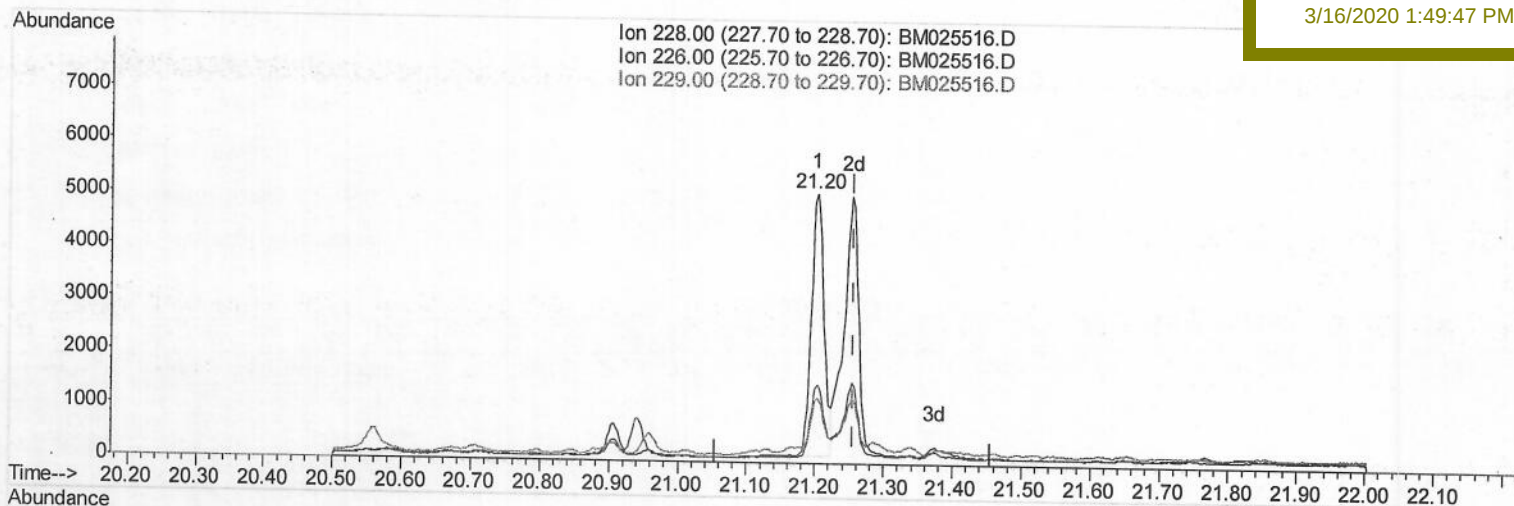
C0CD8

Manual Integrations

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(19) Chrysene

21.203min (-0.053) 0.13ng/ul

response 6155

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.50 | 29.29 |
| 229.00 | 20.40 | 24.17 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:40:38 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

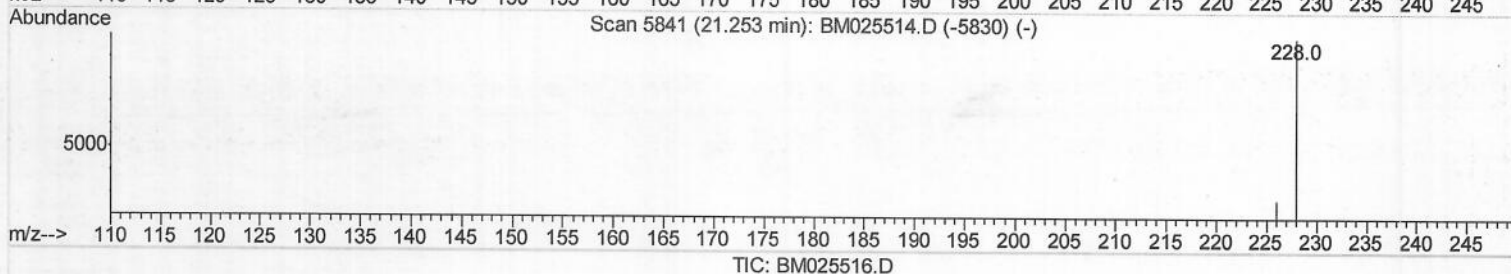
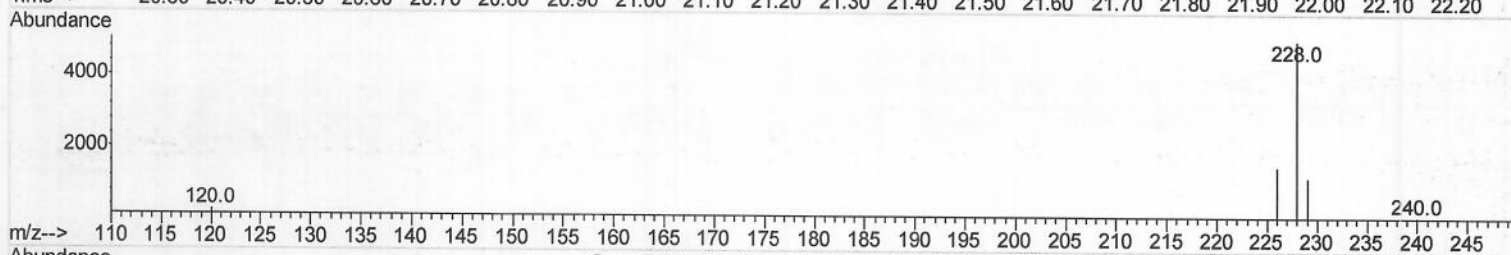
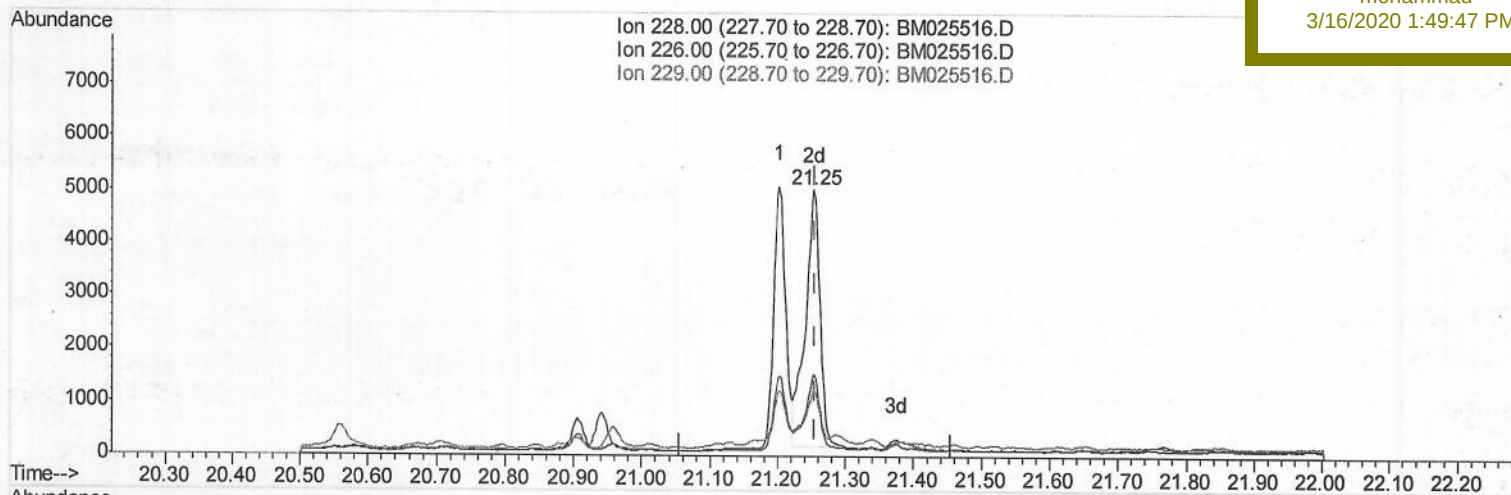
C0CD8

Manual Integrations

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(19) Chrysene

21.253min (-0.002) 0.15ng/ul m &gt; Ju 03/16/20

response 7188

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.50 | 30.47  |
| 229.00 | 20.40 | 24.65# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:40:38 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

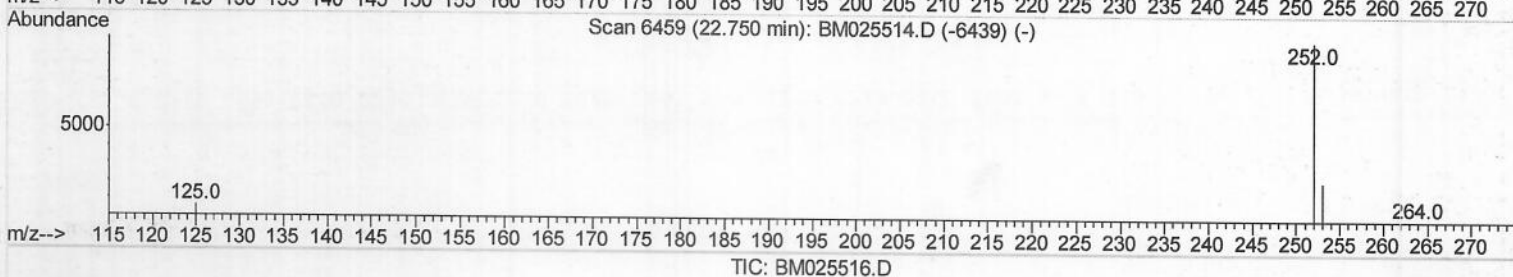
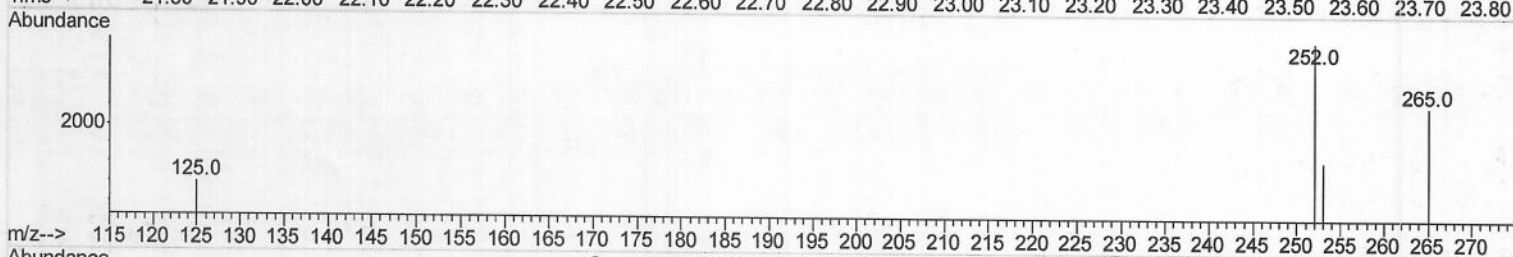
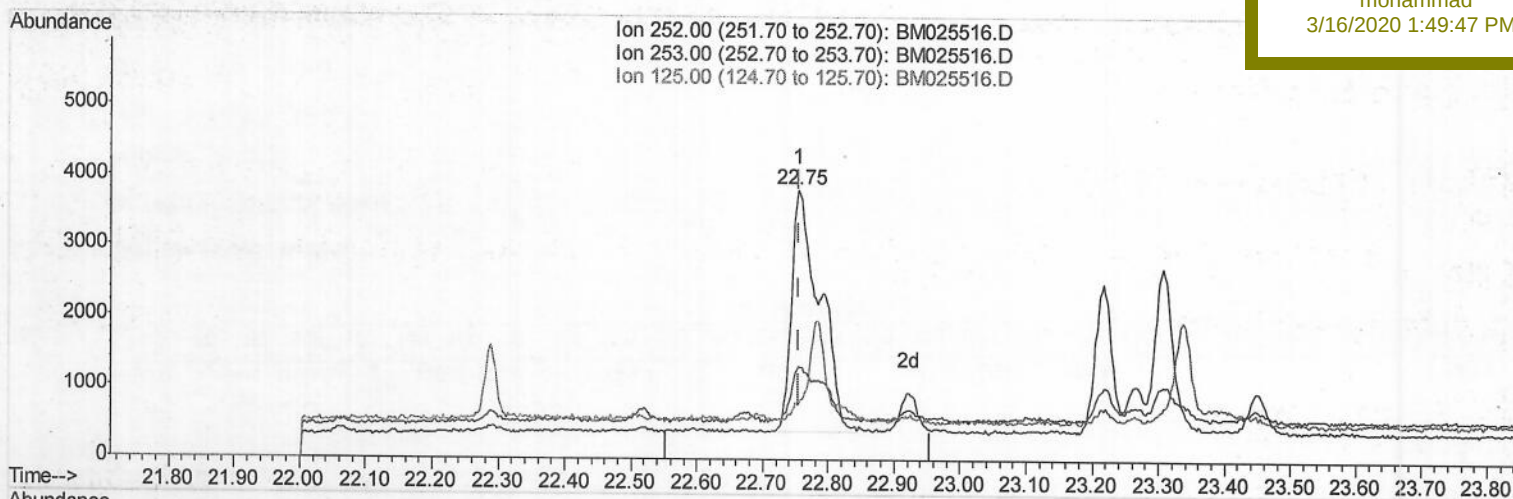
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Manual Integrations

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(21) Benzo(b)fluoranthene

22.755min (0.000) 0.21ng/ul

response 10216

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 34.46  |
| 125.00 | 8.80  | 20.66# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:40:38 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

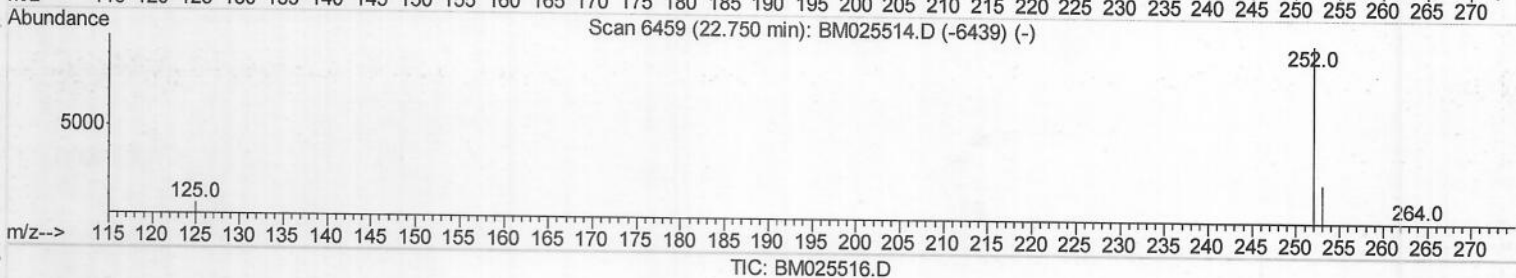
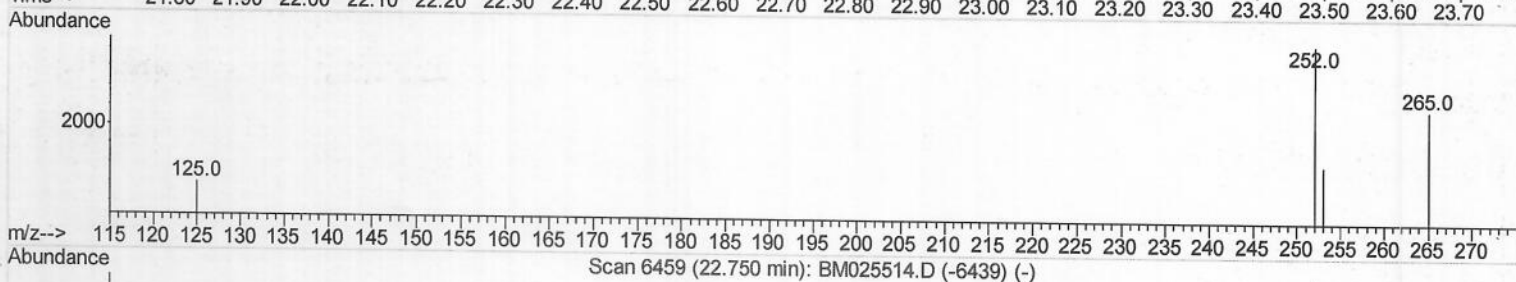
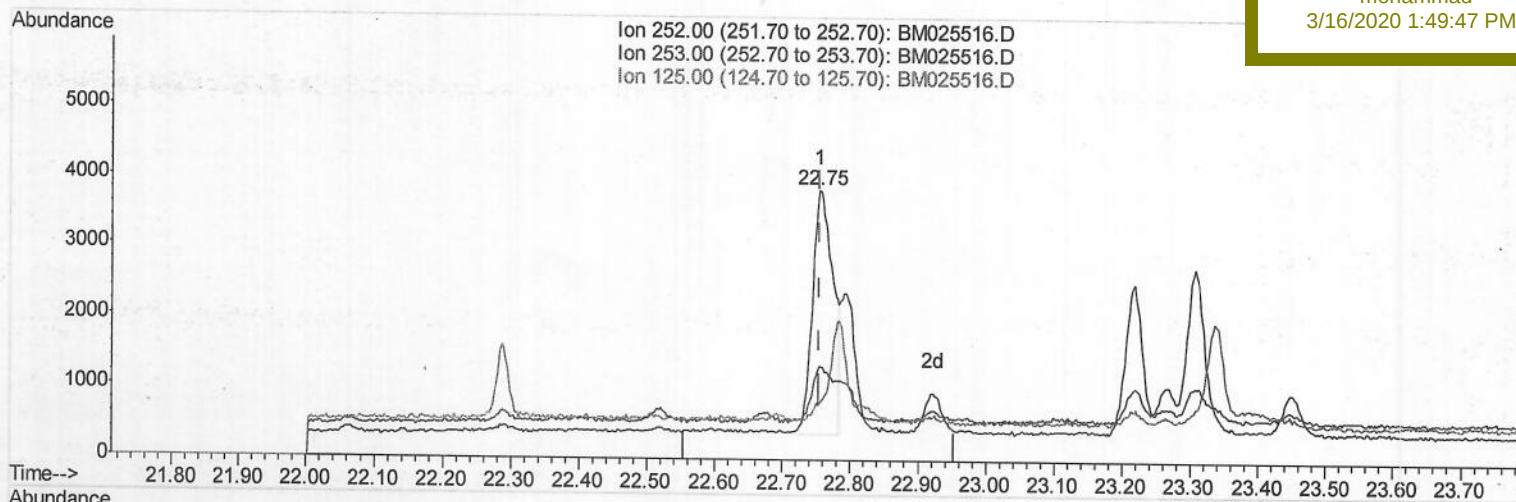
C0CD8

Manual Integrations

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(21) Benzo(b)fluoranthene

22.755min (0.000) 0.15ng/ul m &gt; sv 03/16/20

response 7366

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 34.46  |
| 125.00 | 8.80  | 20.66# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:40:38 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

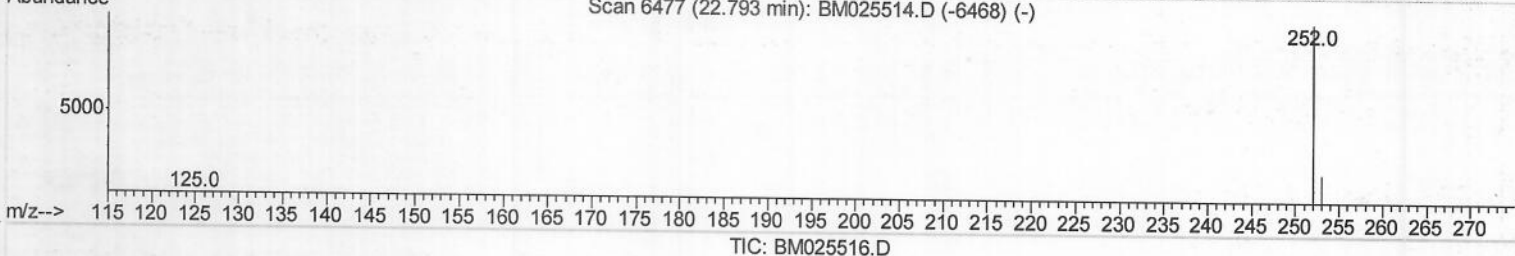
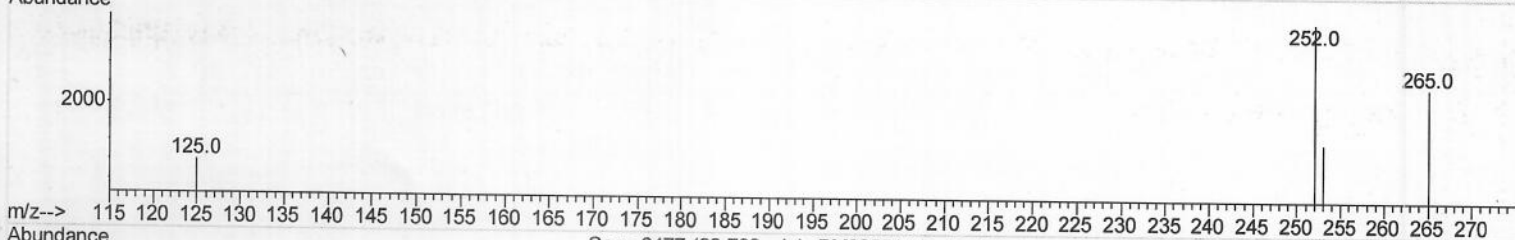
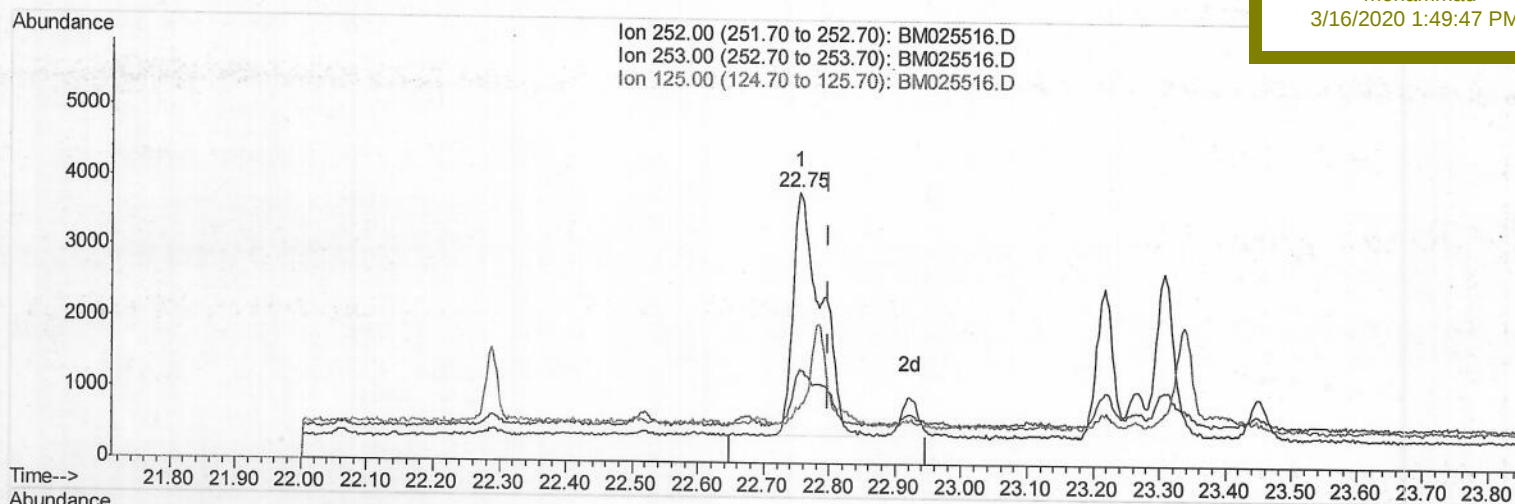
C0CD8

Manual Integrations

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mohammad

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(22) Benzo(k)fluoranthene

22.755min (-0.044) 0.20ng/ul

response 10216

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 34.46# |
| 125.00 | 8.90  | 20.66# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\

Data File : BM025516.D

Acq On : 12 Mar 2020 11:05

Operator : CG/JU

Sample : L1677-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:40:38 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 : Fri Mar 13 04:33:15 2020

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

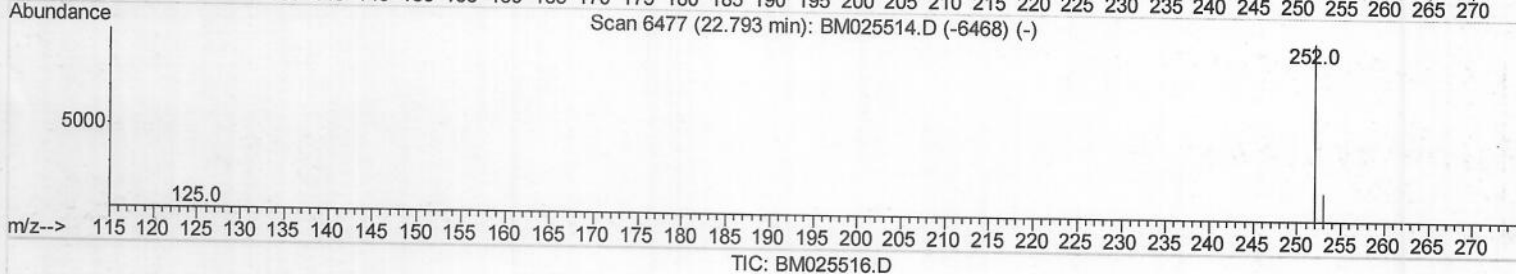
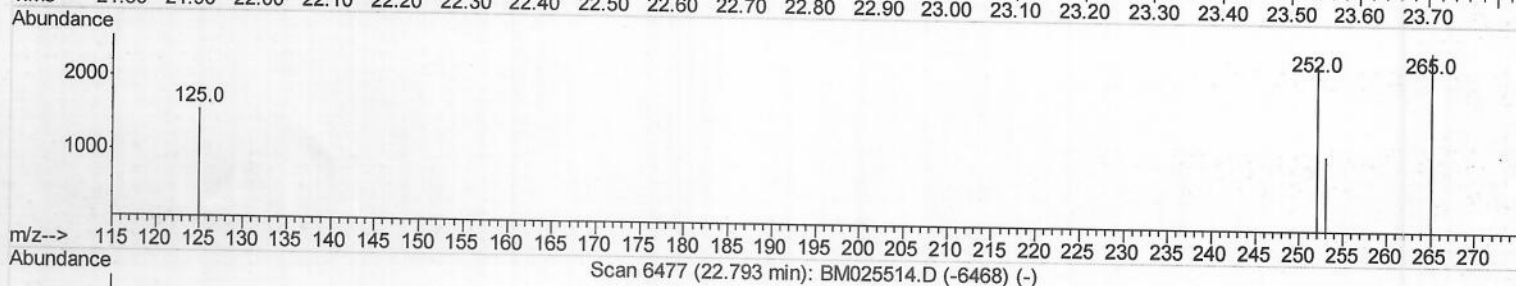
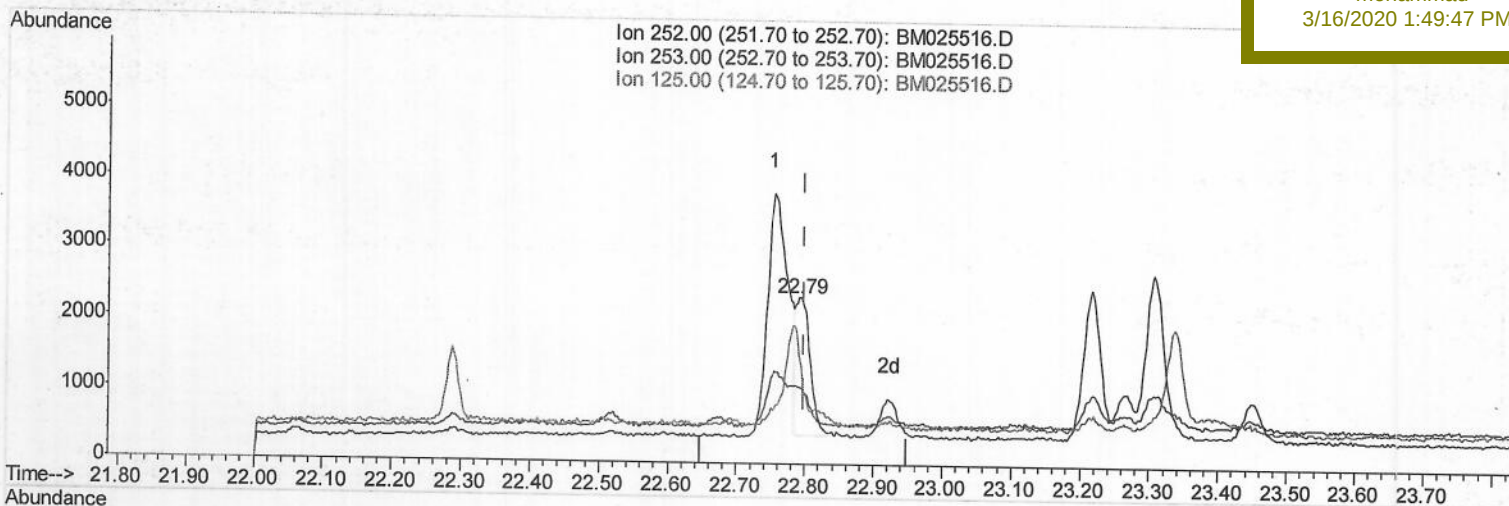
C0CD8

Manual Integrations

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(22) Benzo(k)fluoranthene

22.791min (-0.007) 0.06ng/ul m> Ju 03/16/20

response 2785

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 47.13# |
| 125.00 | 8.90  | 66.42# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031220\  
 Data File : BM025516.D  
 Acq On : 12 Mar 2020 11:05  
 Operator : CG/JU  
 Sample : L1677-16  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:42:18 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 : Fri Mar 13 04:33:15 2020  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0CD8

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 2324     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.42 | 136  | 9936     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.29 | 164  | 7084     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.03 | 188  | 16698    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.22 | 240  | 12043    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.40 | 264  | 12143    | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |       |      |       |      |
|----------------------------|-------|-----|-------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 5464  | 0.31 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.06 | 212 | 14092 | 0.31 | ng/ul | 0.00 |

## Target Compounds

|                            | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.47 | 128  | 912      | 0.031 | ng/ul# | 81     |
| 5) 2-Methylnaphthalene     | 12.09 | 142  | 644      | 0.031 | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.00 | 152  | 710      | 0.025 | ng/ul# | 75     |
| 9) Fluorene                | 15.33 | 166  | 937      | 0.030 | ng/ul# | 94     |
| 12) Phenanthrene           | 17.07 | 178  | 11468    | 0.217 | ng/ul  | 98     |
| 13) Anthracene             | 17.16 | 178  | 2874     | 0.062 | ng/ul# | 92     |
| 15) Fluoranthene           | 19.09 | 202  | 16740    | 0.292 | ng/ul  | 98     |
| 17) Pyrene                 | 19.45 | 202  | 12863m   | 0.238 | ng/ul  |        |
| 18) Benzo(a)anthracene     | 21.20 | 228  | 6155     | 0.143 | ng/ul# | 92     |
| 19) Chrysene               | 21.25 | 228  | 7188m    | 0.149 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 22.75 | 252  | 7366m    | 0.153 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.79 | 252  | 2785m    | 0.055 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.31 | 252  | 4184     | 0.105 | ng/ul# | 71     |
| 24) Indeno(1,2,3-cd)pyrene | 25.57 | 276  | 3035     | 0.056 | ng/ul# | 83     |
| 25) Dibenzo(a,h)anthracene | 25.59 | 278  | 1108     | 0.024 | ng/ul# | 27     |
| 26) Benzo(a,h,i)perylene   | 26.24 | 276  | 2698     | 0.057 | ng/ul# | 83     |

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

50 03/16/20