

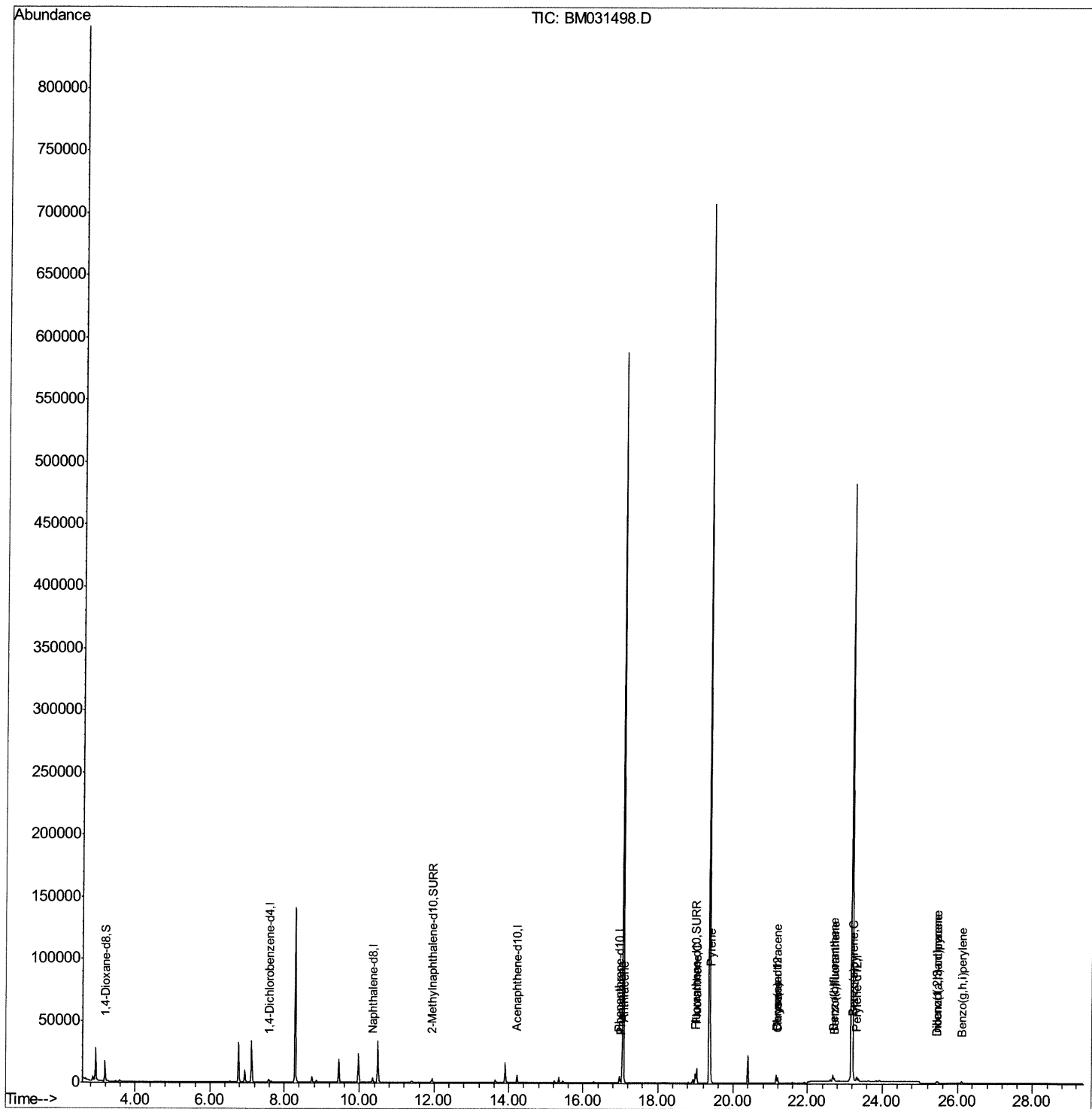
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031498.D  
Acq On : 06 Aug 2021 01:04  
Operator : CG/JU  
Sample : M3162-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGET5

Manual Integrations  
APPROVED

mohammad  
8/6/2021 2:49:27 PM

Quant Time: Aug 06 02:16:10 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 05 11:03:39 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

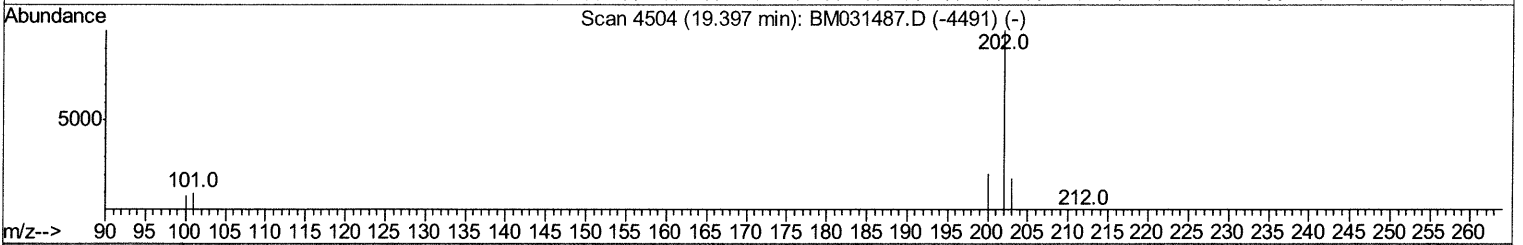
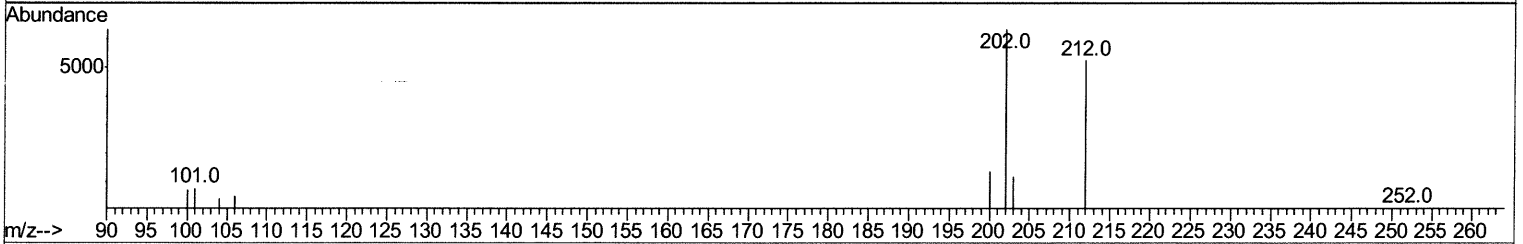
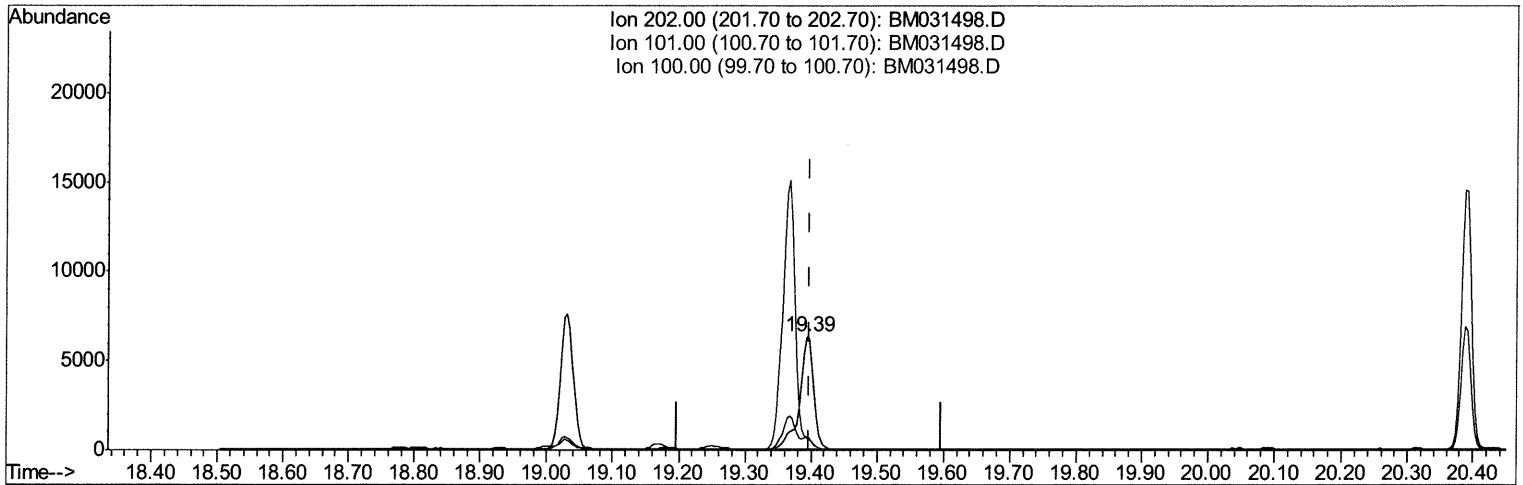
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**Manual Integrations**  
**APPROVED**

mohammad  
 8/6/2021 2:49:27 PM

Quant Time: Aug 06 01:40:33 2021  
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TIC: BM031498.D

(20) Pyrene

19.394min (-0.004) 0.46ng/ul

response 9479

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.70 | 11.83# |
| 100.00 | 8.30 | 11.37# |
| 0.00   | 0.00 | 0.00   |

# Quantitation Report (Qedit)

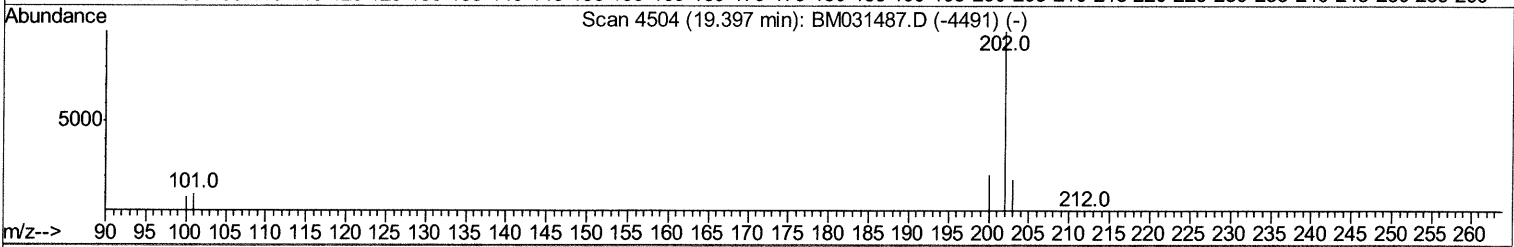
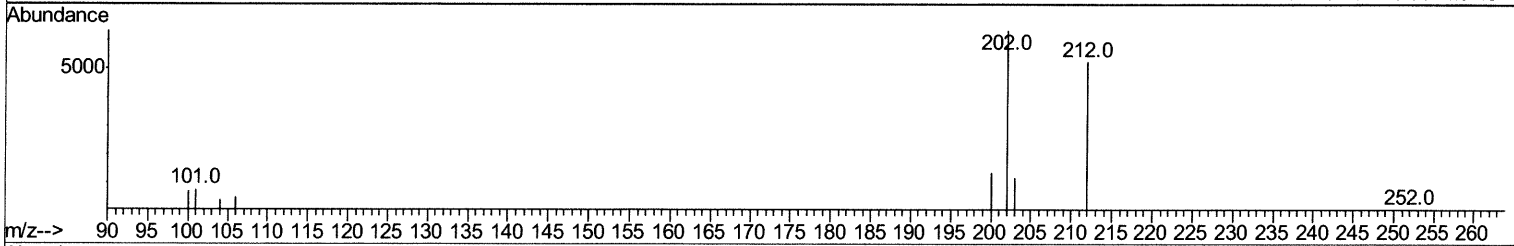
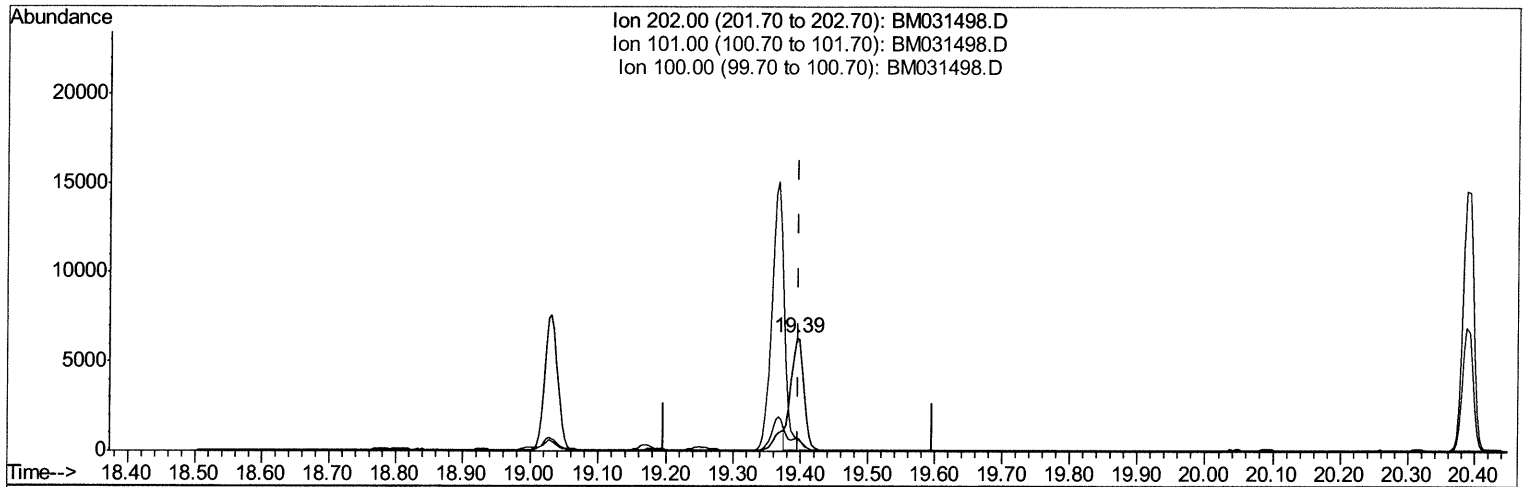
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031498.D  
 Acq On : 06 Aug 2021 01:04  
 Operator : CG/JU  
 Sample : M3162-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 BGET5

**Manual Integrations**  
**APPROVED**

mohammad  
 8/6/2021 2:49:27 PM

Quant Time: Aug 06 01:40:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 05 11:03:39 2021  
 Response via : Initial Calibration



TIC: BM031498.D

(20) Pyrene

19.394min (-0.004) 0.40ng/ul m 08/09/21 JU

response 8319

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.70 | 11.83# |
| 100.00 | 8.30 | 11.37# |
| 0.00   | 0.00 | 0.00   |

# Quantitation Report (Qedit)

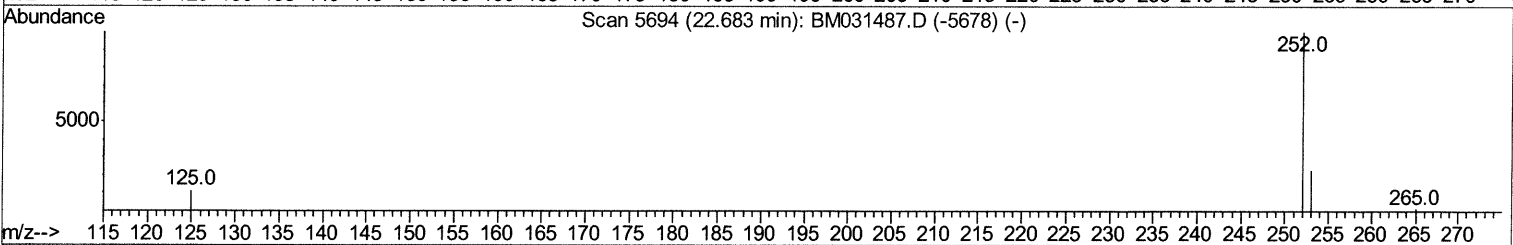
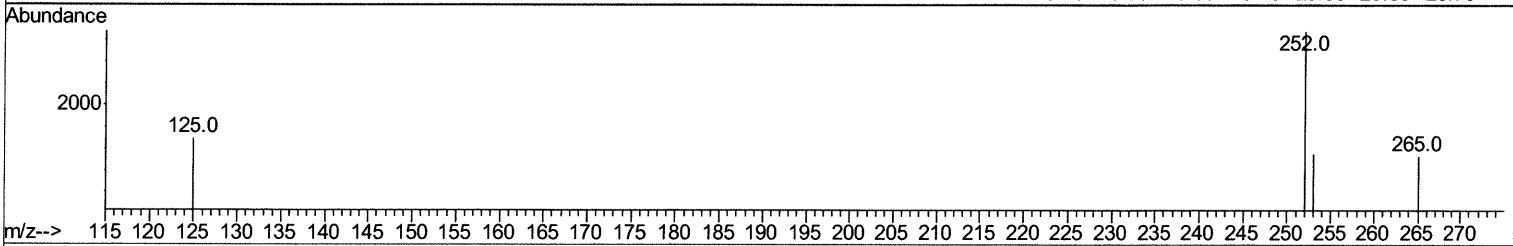
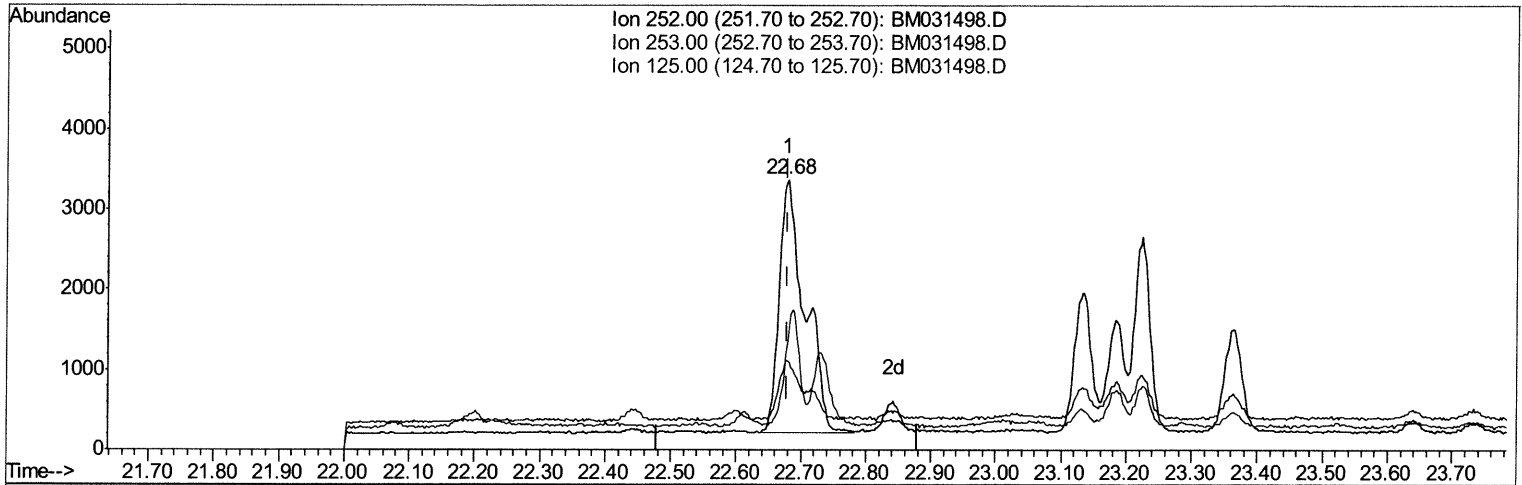
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031498.D  
 Acq On : 06 Aug 2021 01:04  
 Operator : CG/JU  
 Sample : M3162-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
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**Manual Integrations**  
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 8/6/2021 2:49:27 PM

Quant Time: Aug 06 02:14:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
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TIC: BM031498.D

(24) Benzo(b)fluoranthene

22.679min (+0.000) 0.38ng/ul

response 8684

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 32.68  |
| 125.00 | 11.40 | 41.03# |
| 0.00   | 0.00  | 0.00   |

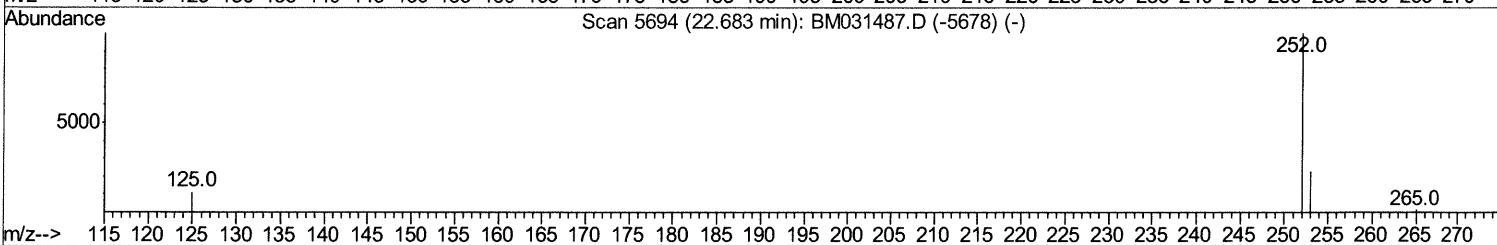
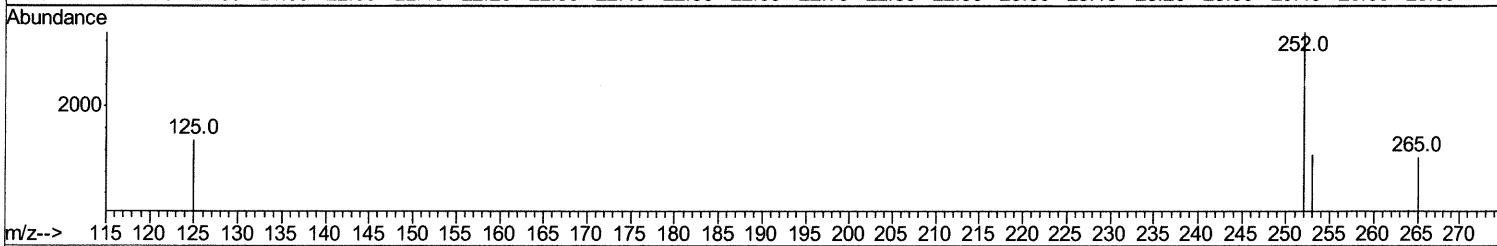
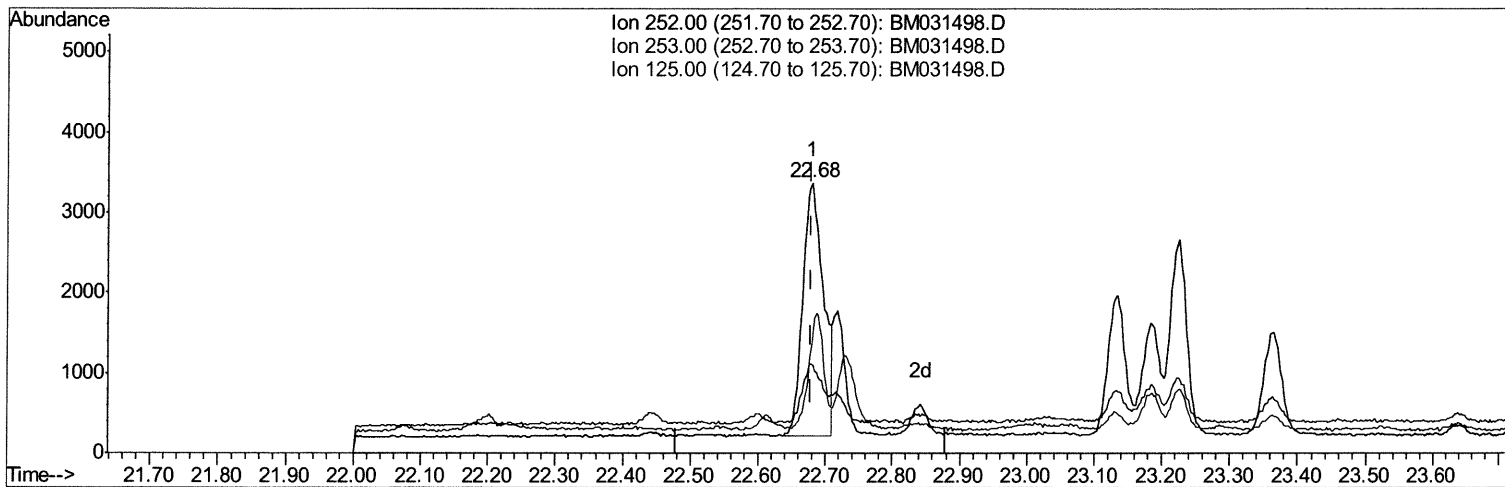
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031498.D  
Acq On : 06 Aug 2021 01:04  
Operator : CG/JU  
Sample : M3162-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGET5

Manual Integrations  
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TIC: BM031498.D

(24) Benzo(b)fluoranthene

22.679min (+0.000) 0.29ng/ul m

08/09/2021

response 6707

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 32.68  |
| 125.00 | 11.40 | 41.03# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

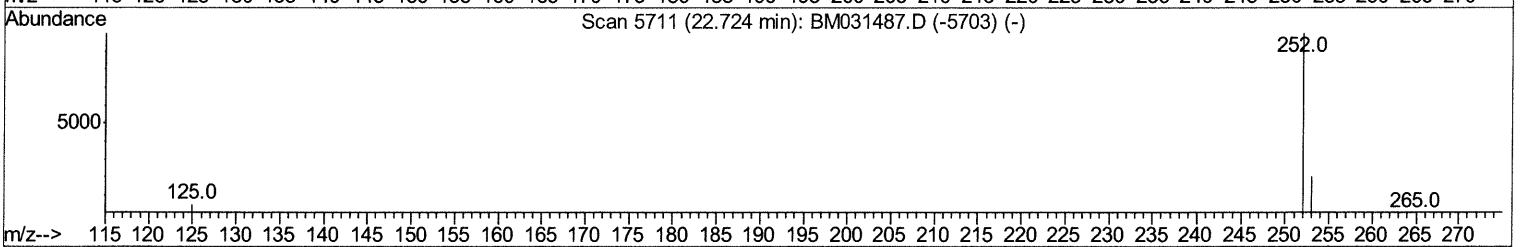
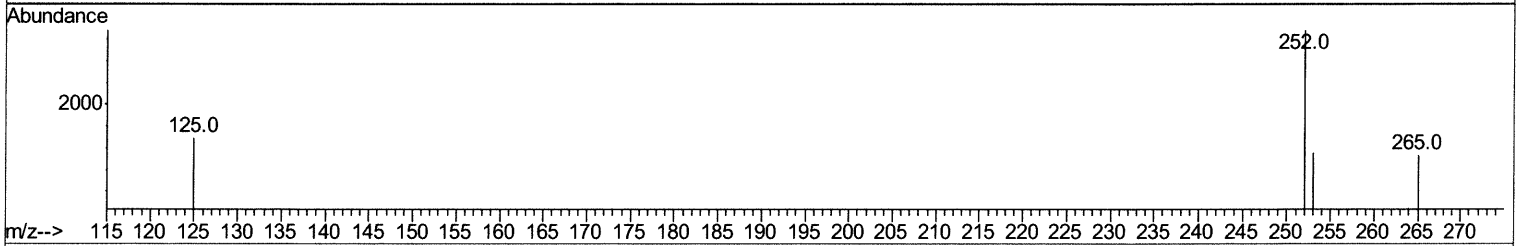
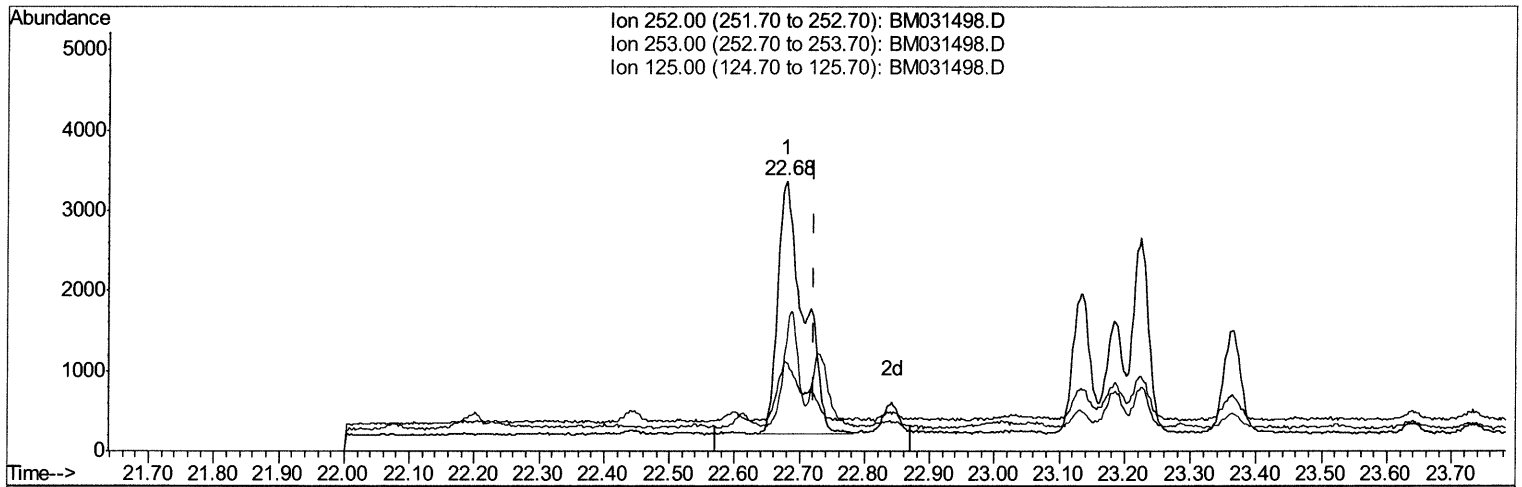
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031498.D  
Acq On : 06 Aug 2021 01:04  
Operator : CG/JU  
Sample : M3162-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGET5

Manual Integrations  
APPROVED

mohammad  
8/6/2021 2:49:27 PM

Quant Time: Aug 06 02:15:15 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 05 11:03:39 2021  
Response via : Initial Calibration



TIC: BM031498.D

(25) Benzo(k)fluoranthene

22.679min (-0.044) 0.37ng/ul

response 8684

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 32.68# |
| 125.00 | 11.00 | 41.03# |
| 0.00   | 0.00  | 0.00   |

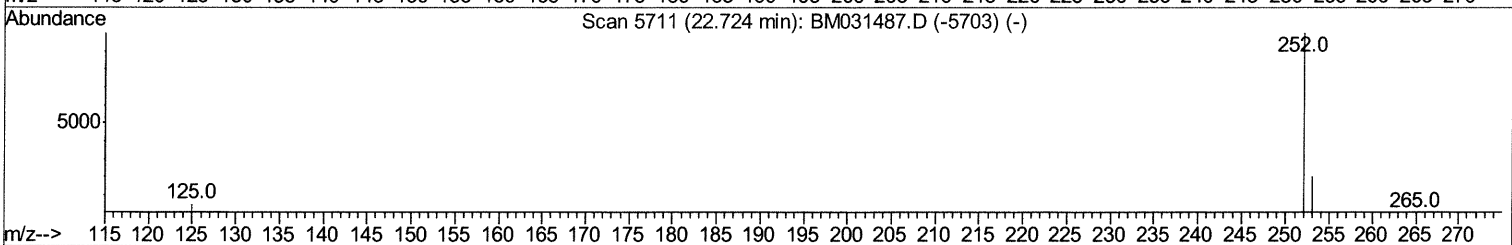
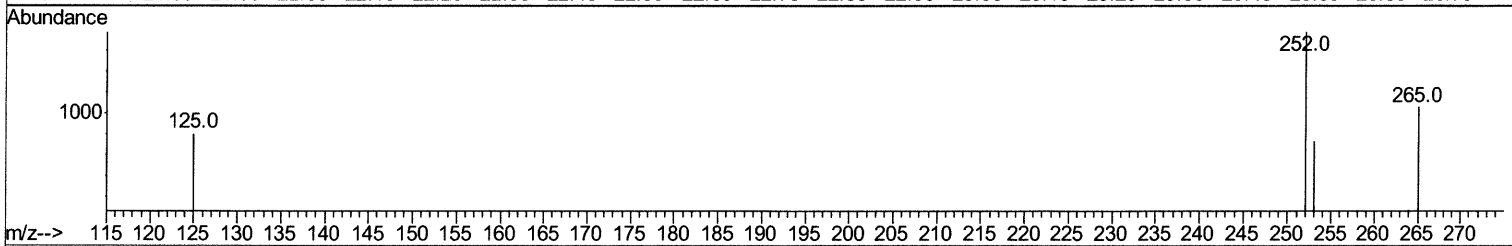
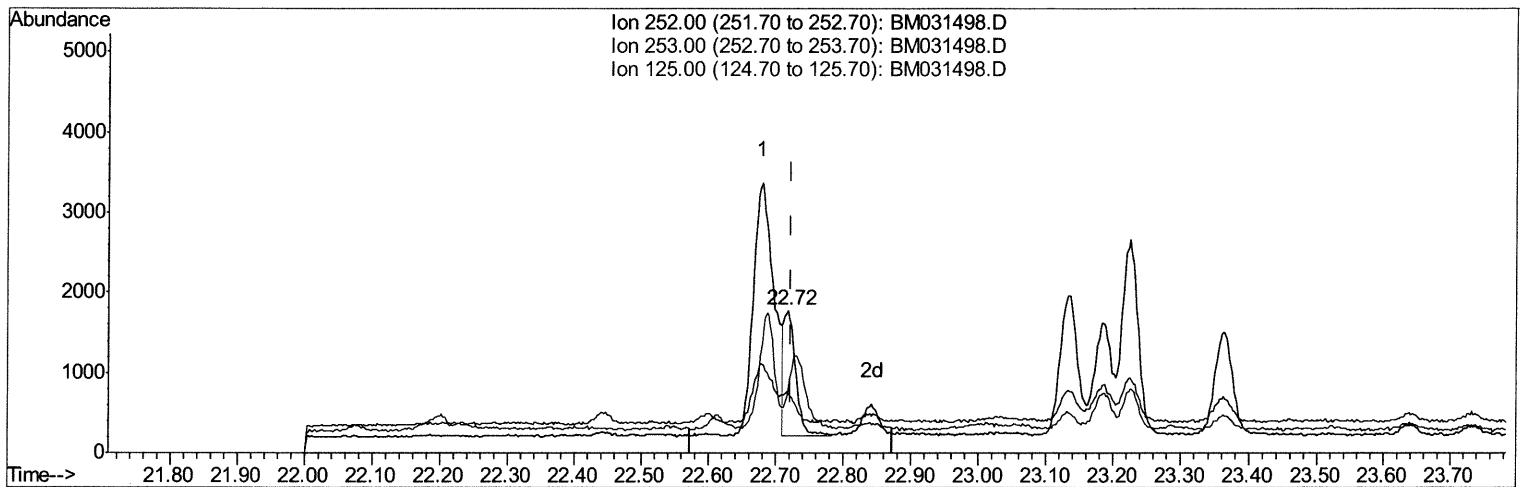
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031498.D  
Acq On : 06 Aug 2021 01:04  
Operator : CG/JU  
Sample : M3162-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGET5

Manual Integrations  
APPROVED

mohammad  
8/6/2021 2:49:27 PM

Quant Time: Aug 06 02:15:15 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 05 11:03:39 2021  
Response via : Initial Calibration



TIC: BM031498.D

(25) Benzo(k)fluoranthene

22.718min (-0.005) 0.09ng/ul m 08/09/21 JU

response 2043

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 41.36# |
| 125.00 | 11.00 | 45.19# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031498.D  
 Acq On : 06 Aug 2021 01:04  
 Operator : CG/JU  
 Sample : M3162-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG5T5

Manual Integrations  
 APPROVED

mohammad  
 8/6/2021 2:49:27 PM

Quant Time: Aug 06 02:16:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 1257     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.35 | 136  | 4977     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.22 | 164  | 3318     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 16.97 | 188  | 6218     | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.16 | 240  | 4764     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.32 | 264  | 5103     | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 3) 1,4-Dioxane-d8          | 3.19  | 96  | 9550 | 6.84 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.94 | 152 | 4081 | 0.49 | ng/ul | 0.00 |
| 18) Fluoranthene-d10       | 19.00 | 212 | 8179 | 0.51 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       | Ovalue |            |
|----------------------------|-------|-----|--------|-------|--------|------------|
| 15) Phenanthrene           | 17.01 | 178 | 3387   | 0.172 | ng/ul  | 97         |
| 16) Anthracene             | 17.10 | 178 | 488    | 0.026 | ng/ul# | 67         |
| 19) Fluoranthene           | 19.03 | 202 | 10080  | 0.496 | ng/ul  | 97         |
| 20) Pyrene                 | 19.39 | 202 | 8319m> | 0.403 | ng/ul> | 08/09/2174 |
| 21) Benzo(a)anthracene     | 21.15 | 228 | 3541   | 0.184 | ng/ul  | 93         |
| 22) Chrysene               | 21.20 | 228 | 4732   | 0.238 | ng/ul  | 98         |
| 24) Benzo(b)fluoranthene   | 22.68 | 252 | 6707m> | 0.292 | ng/ul> | 08/09/2174 |
| 25) Benzo(k)fluoranthene   | 22.72 | 252 | 2043m> | 0.086 | ng/ul  |            |
| 26) Benzo(a)pyrene         | 23.22 | 252 | 4018   | 0.200 | ng/ul# | 80         |
| 27) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 2861   | 0.110 | ng/ul# | 97         |
| 28) Dibenzo(a,h)anthracene | 25.46 | 278 | 692    | 0.033 | ng/ul# | 17         |
| 29) Benzo(g,h,i)perylene   | 26.10 | 276 | 2875   | 0.129 | ng/ul# | 90         |

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