

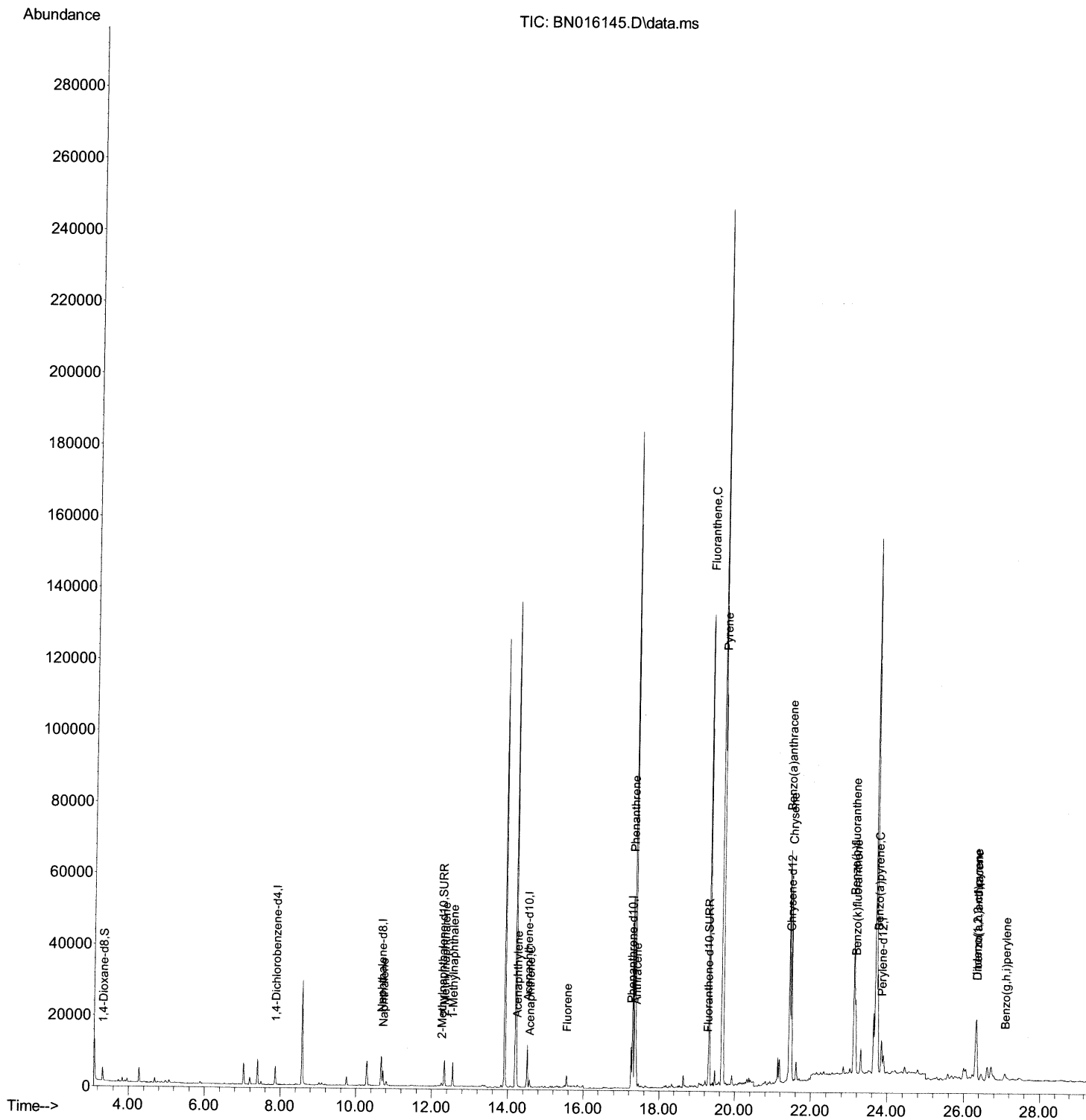
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
Data File : BN016145.D  
Acq On : 02 Sep 2021 19:57  
Operator : CG/JU  
Sample : M3458-02DL 2X  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AB6DL

Manual Integrations  
APPROVED

mohammad  
9/3/2021 8:59:31 AM

Quant Time: Sep 02 20:35:54 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 02 13:32:21 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

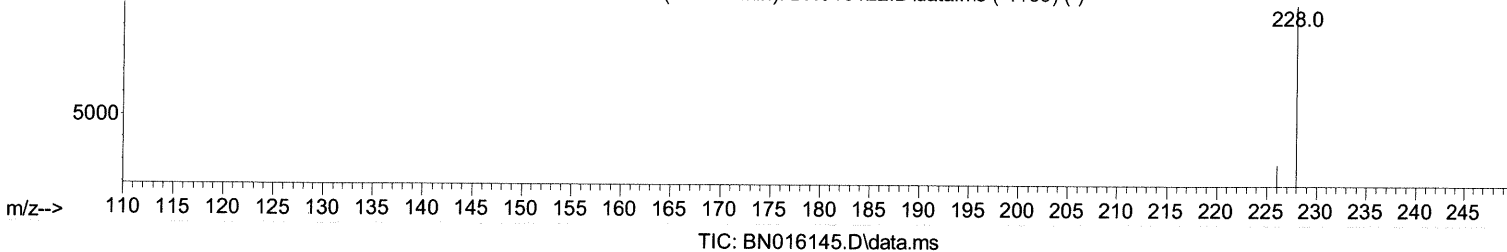
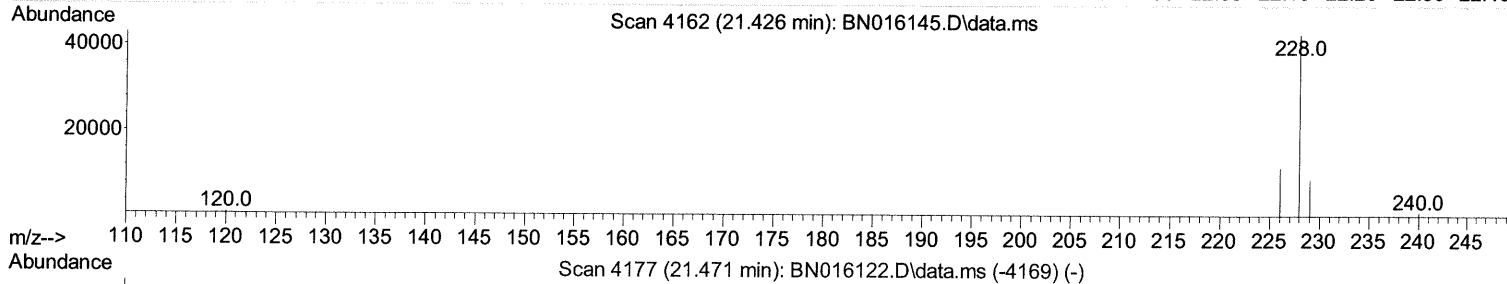
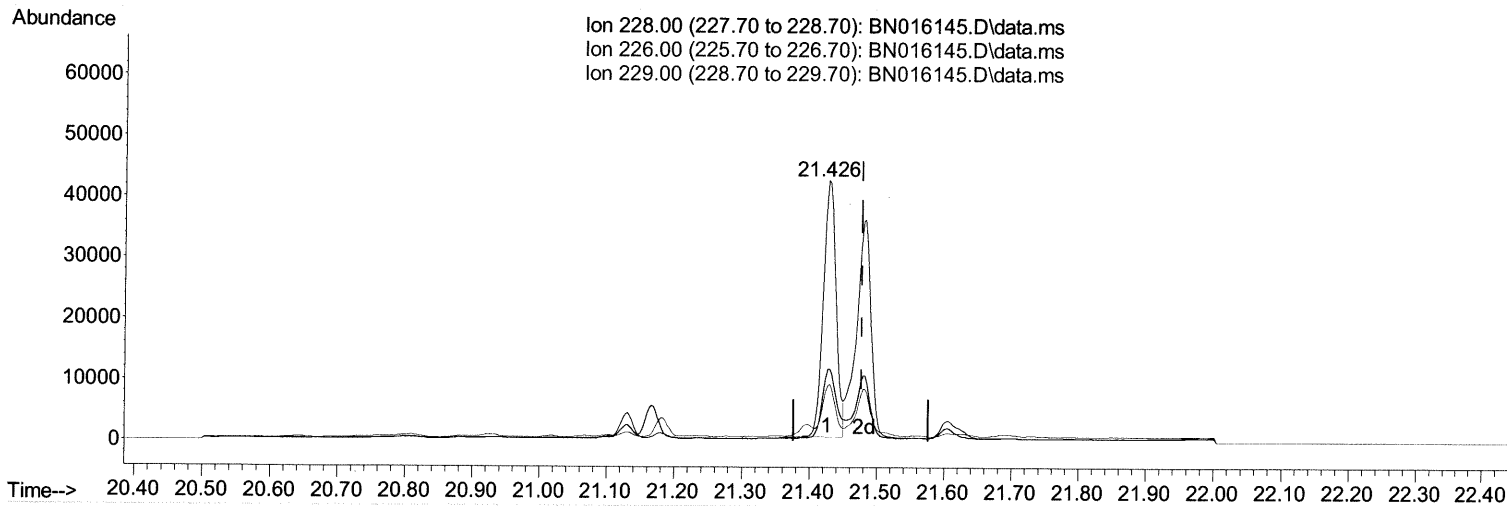
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## (22) Chrysene

21.426min (-0.051) 1.19 ng/u1

response 55189

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.00  | 27.63  |
| 229.00 | 19.50  | 21.38  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

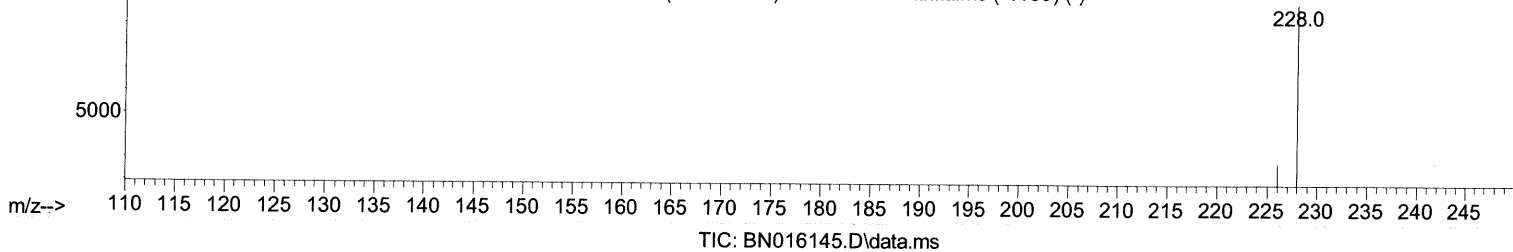
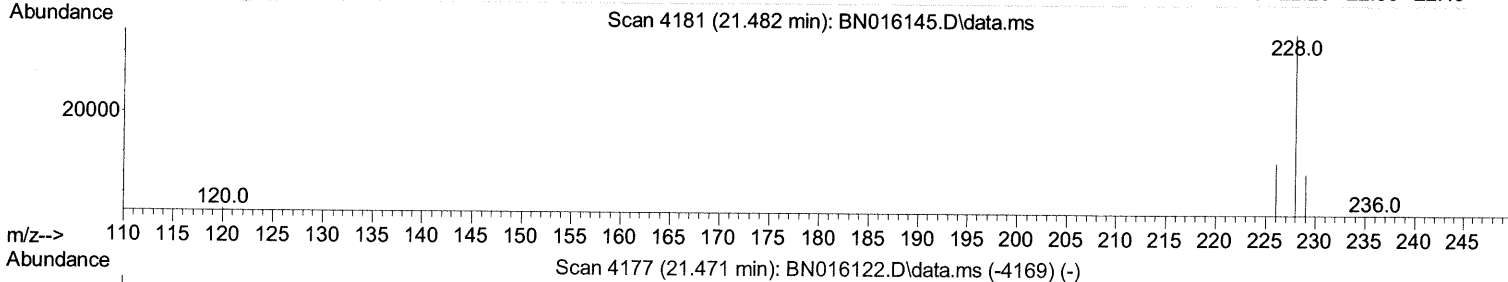
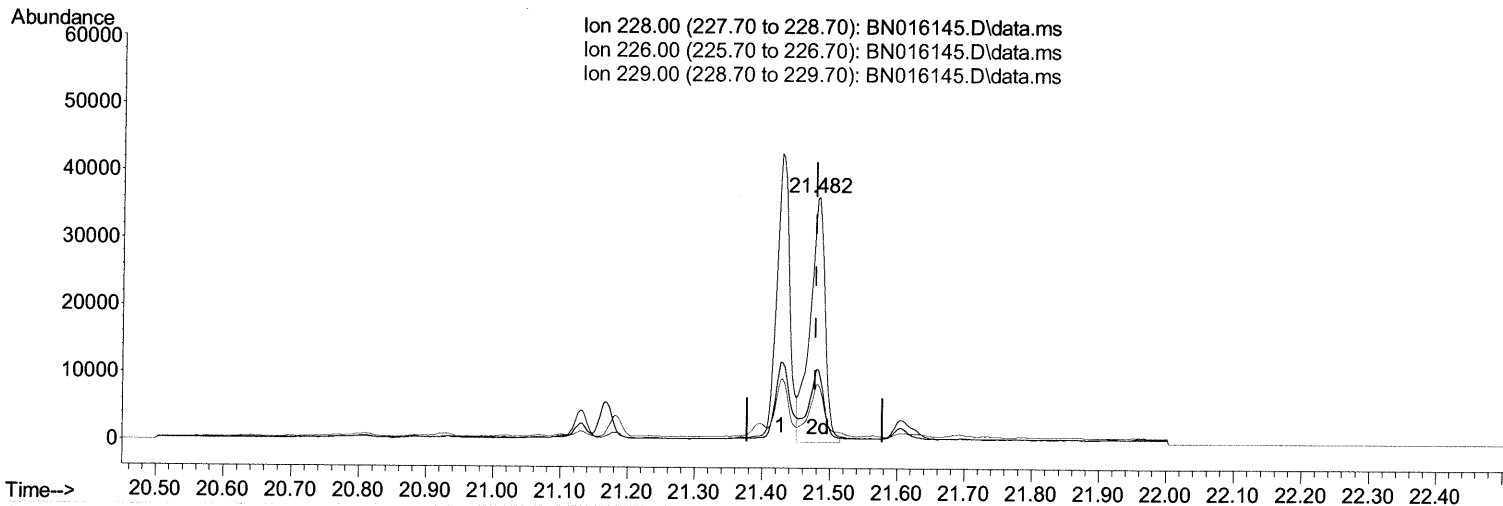
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 Response via : Initial Calibration



## (22) Chrysene

21.482min (+ 0.005) 1.22 ng/ul m 09/07/21 JY

response 56622

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.00  | 29.48  |
| 229.00 | 19.50  | 23.46# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

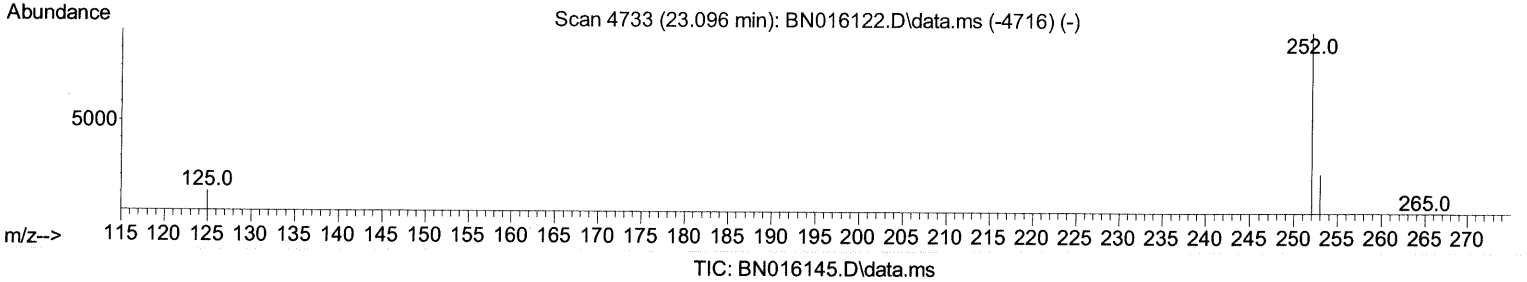
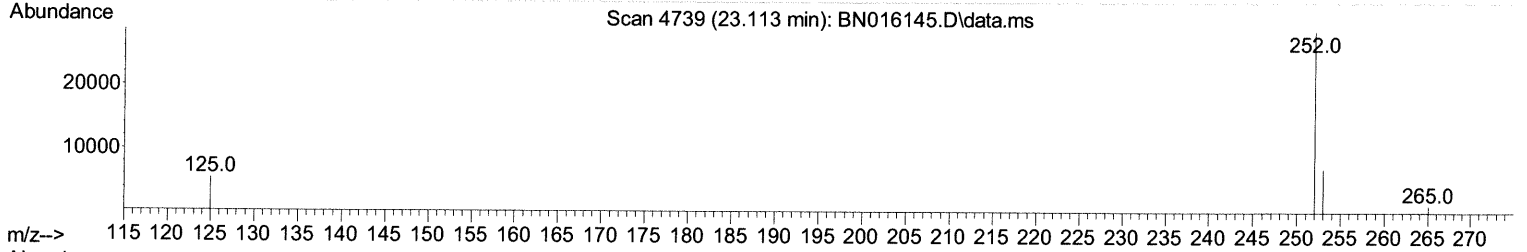
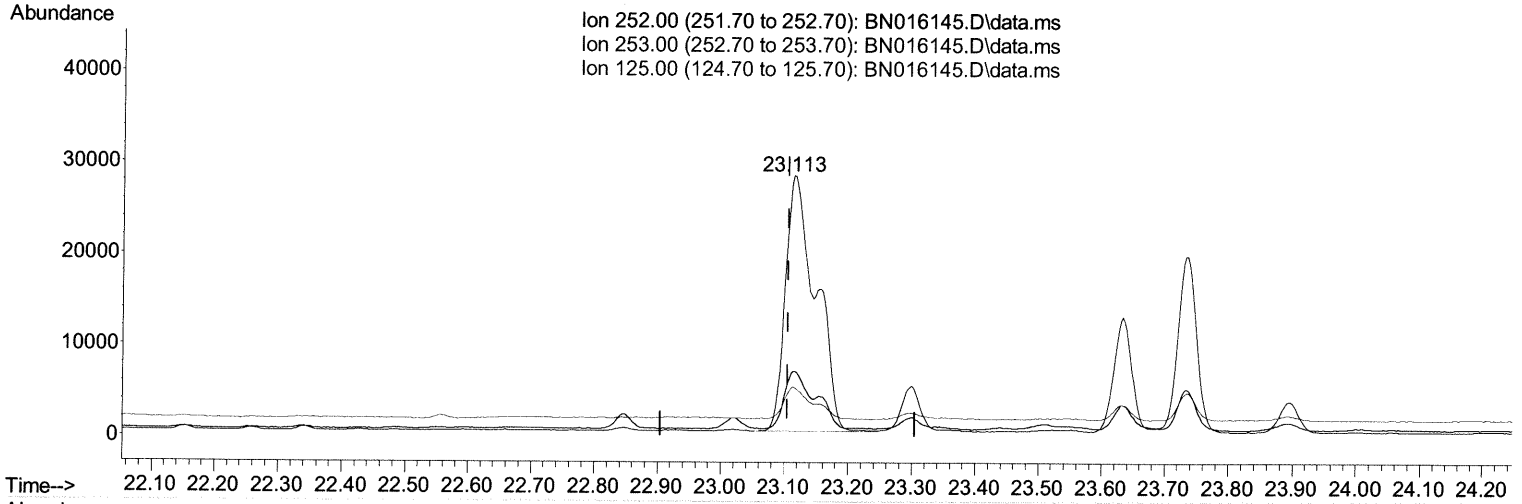
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
 Data File : BN016145.D  
 Acq On : 02 Sep 2021 19:57  
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## (24) Benzo(b)fluoranthene

23.113min (+ 0.007) 1.88 ng/u1

response 92432

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.70  | 24.88  |
| 125.00 | 13.50  | 18.96  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

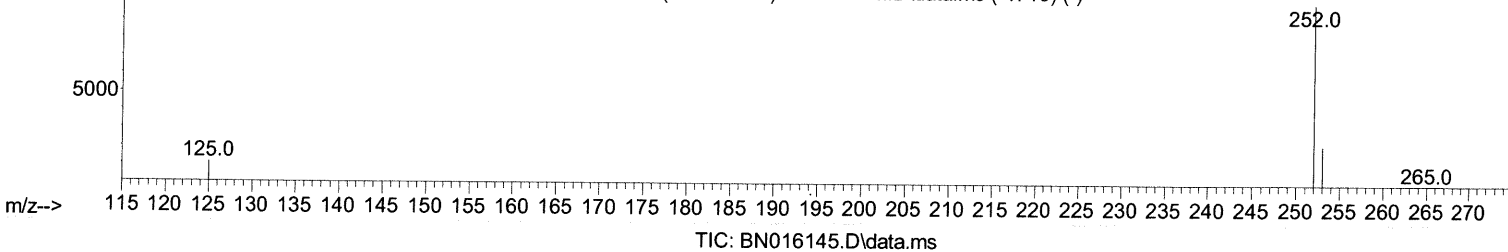
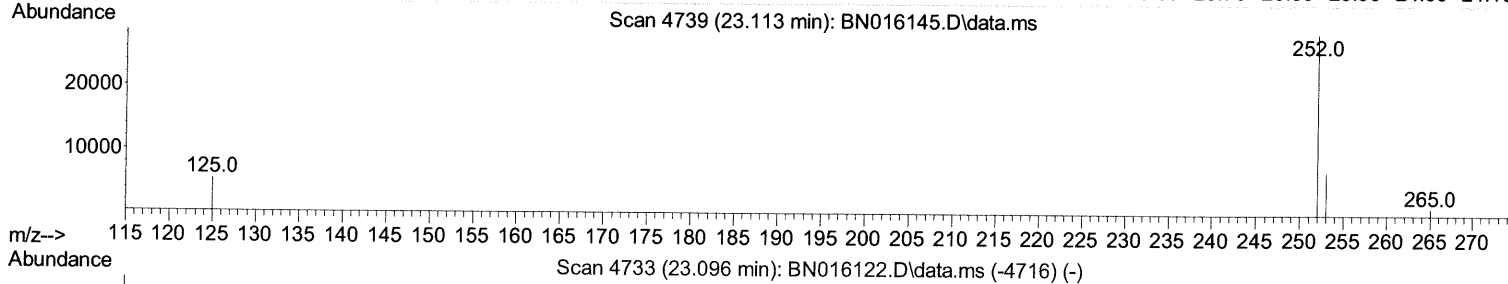
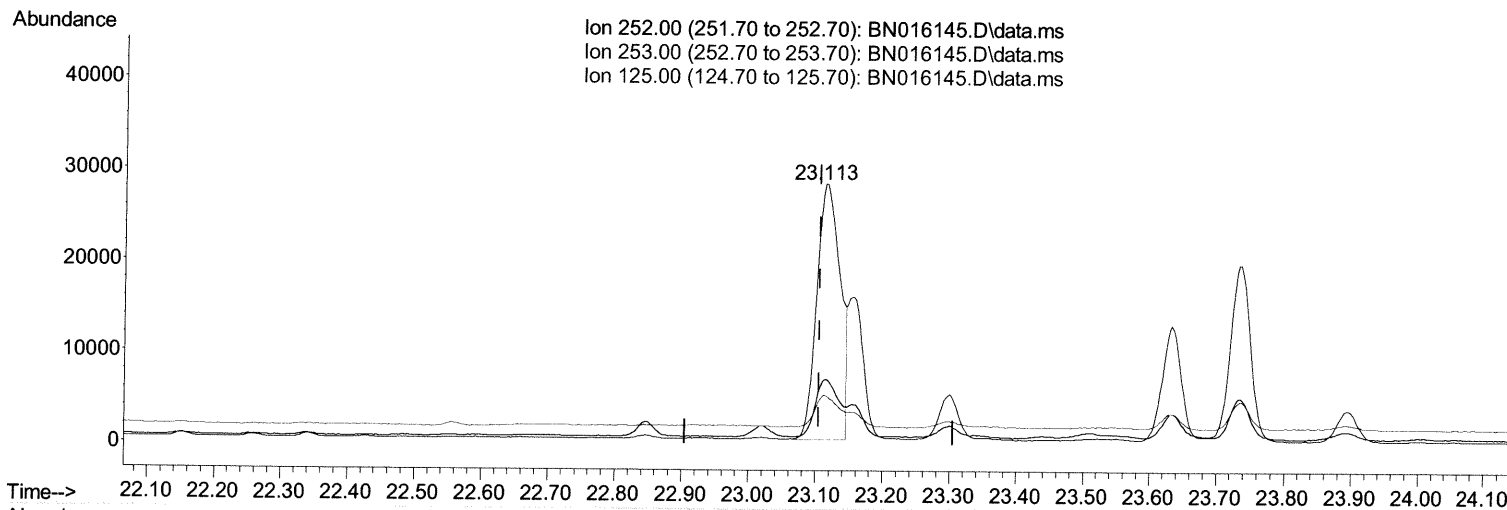
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
 Data File : BN016145.D  
 Acq On : 02 Sep 2021 19:57  
 Operator : CG/JU  
 Sample : M3458-02DL 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AB6DL

Manual Integrations  
 APPROVED

mohammad  
 9/3/2021 8:59:31 AM

Quant Time: Sep 02 20:35:54 2021  
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## (24) Benzo(b) fluoranthene

23.113min (+ 0.007) 1.38 ng/ul m 09/07/21 JU

response 67935

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.70  | 24.88  |
| 125.00 | 13.50  | 18.96  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

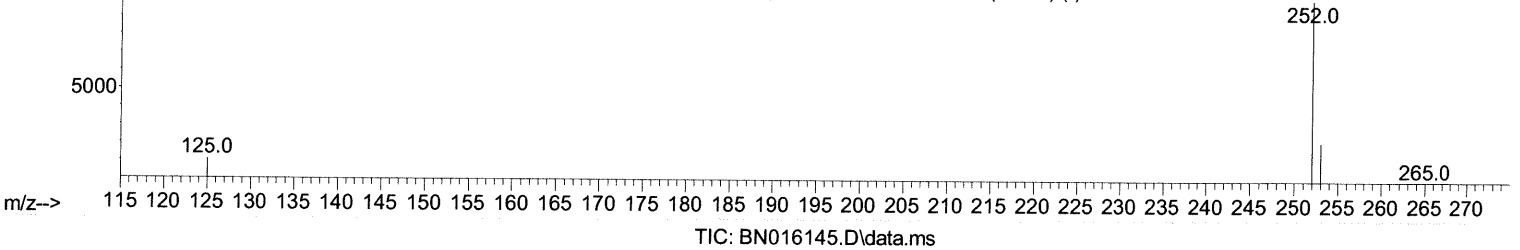
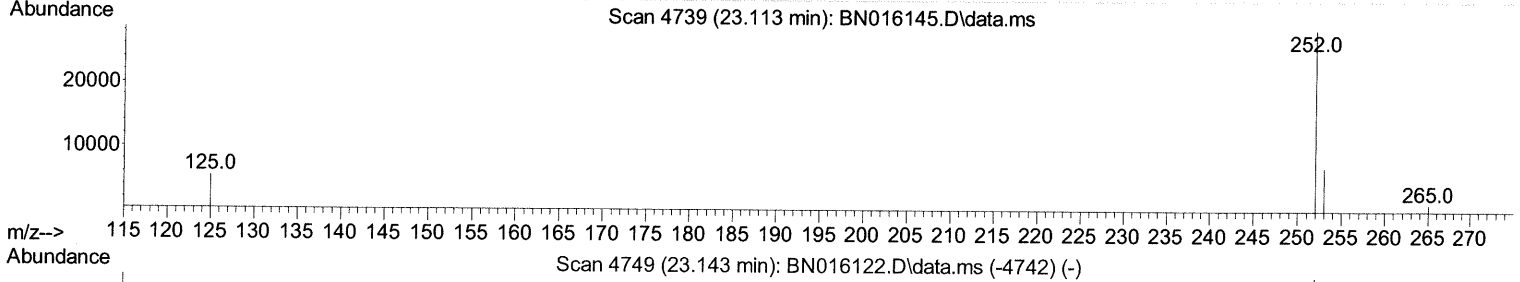
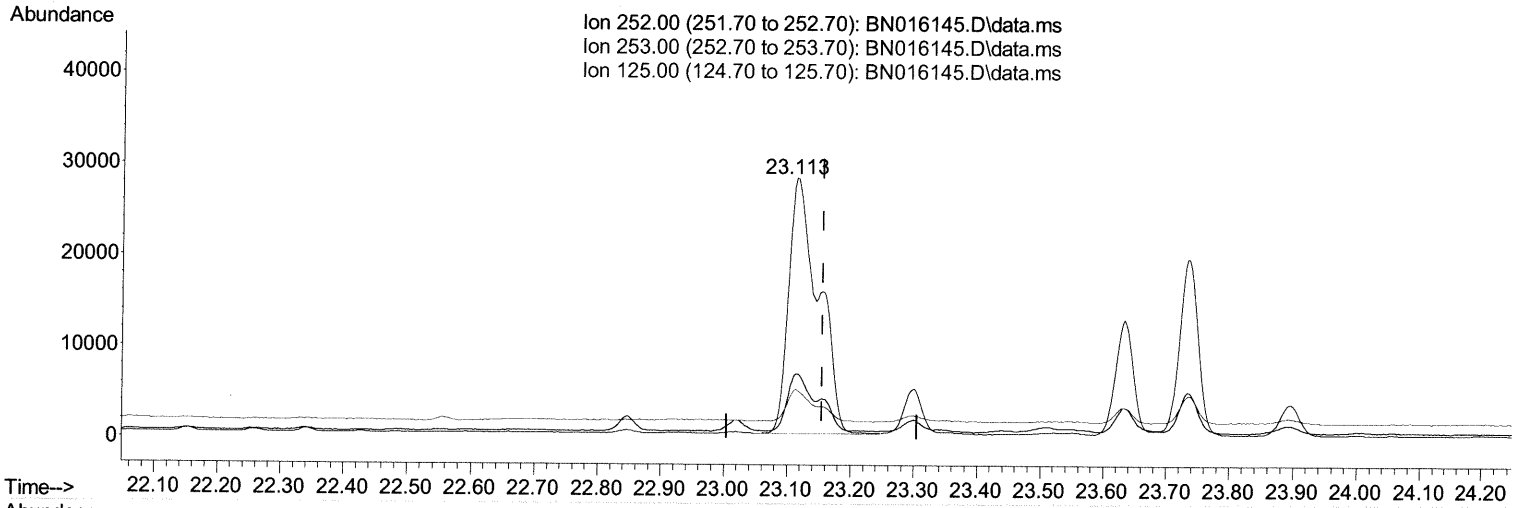
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
 Data File : BN016145.D  
 Acq On : 02 Sep 2021 19:57  
 Operator : CG/JU  
 Sample : M3458-02DL 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 C0AB6DL

**Manual Integrations**  
**APPROVED**

mohammad  
 9/3/2021 8:59:31 AM

Quant Time: Sep 02 20:35:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



## (25) Benzo(k) fluoranthene

23.113min (-0.042) 1.87 ng/ul

response 92459

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.20  | 24.88  |
| 125.00 | 13.60  | 18.96# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

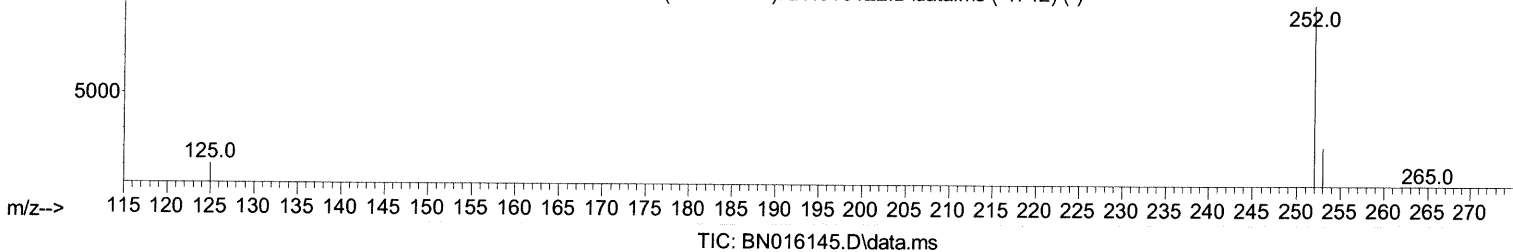
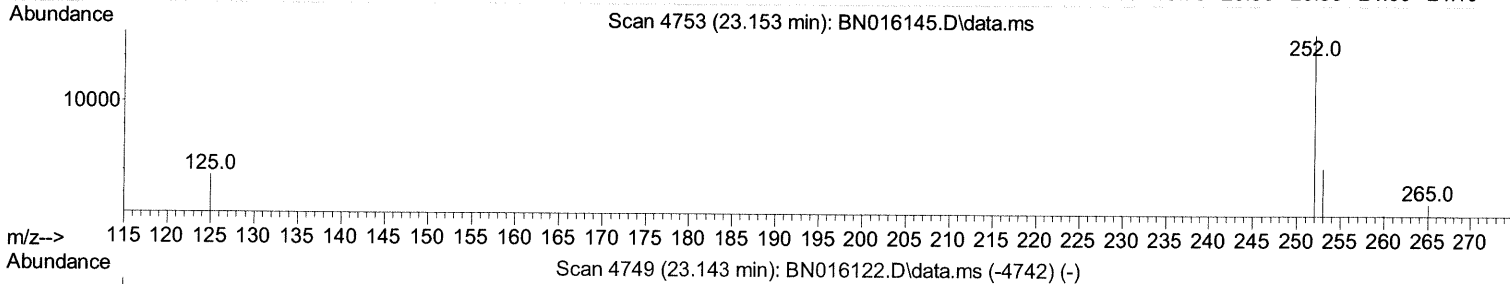
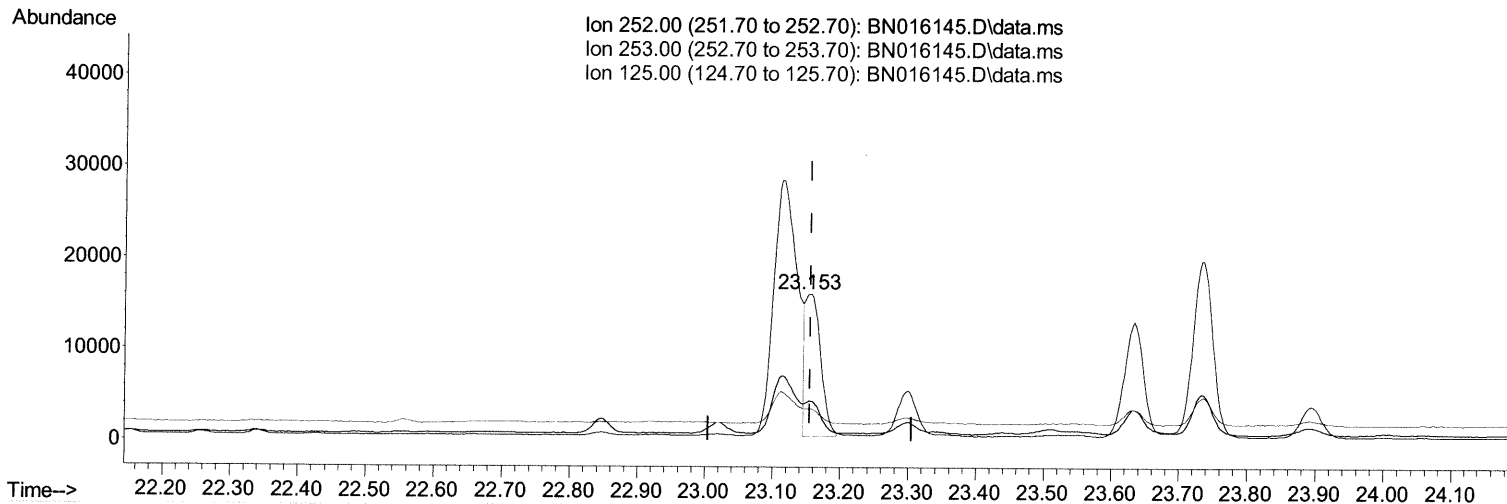
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
 Data File : BN016145.D  
 Acq On : 02 Sep 2021 19:57  
 Operator : CG/JU  
 Sample : M3458-02DL 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AB6DL

Manual Integrations  
 APPROVED

mohammad  
 9/3/2021 8:59:31 AM

Quant Time: Sep 02 20:35:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090121.M  
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 QLast Update : Thu Sep 02 13:32:21 2021  
 Response via : Initial Calibration



## (25) Benzo(k)fluoranthene

23.153min (-0.001) 0.51 ng/ul m 09/07/21 JU

response 25040

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.20  | 27.46  |
| 125.00 | 13.60  | 22.13# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
 Data File : BN016145.D  
 Acq On : 02 Sep 2021 19:57  
 Operator : CG/JU  
 Sample : M3458-02DL 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 C0AB6DL

Manual Integrations  
 APPROVED

mohammad  
 9/3/2021 8:59:31 AM

Quant Time: Sep 02 20:35:54 2021  
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 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc Units   | Dev(Min)     |
|-----------------------------|--------|------|----------|--------------|--------------|
| Internal Standards          |        |      |          |              |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.871  | 152  | 2783     | 0.400 ng/ul  | 0.00         |
| 4) Naphthalene-d8           | 10.666 | 136  | 11523    | 0.400 ng/ul  | 0.00         |
| 9) Acenaphthene-d10         | 14.507 | 164  | 6875     | 0.400 ng/ul  | 0.00         |
| 13) Phenanthrene-d10        | 17.255 | 188  | 13962    | 0.400 ng/ul  | 0.00         |
| 17) Chrysene-d12            | 21.444 | 240  | 13380    | 0.400 ng/ul  | # 0.00       |
| 23) Perylene-d12            | 23.841 | 264  | 13072    | 0.400 ng/ul  | 0.00         |
| System Monitoring Compounds |        |      |          |              |              |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 2847     | 0.879 ng/ul  | 0.00         |
| 6) 2-Methylnaphthalene-d10  | 12.261 | 152  | 1183     | 0.073 ng/ul  | 0.00         |
| 18) Fluoranthene-d10        | 19.286 | 212  | 3047     | 0.085 ng/ul  | 0.00         |
| Target Compounds            |        |      |          |              |              |
|                             |        |      |          | Qvalue       |              |
| 5) Naphthalene              | 10.721 | 128  | 5906     | 0.193 ng/ul  | 97           |
| 7) 2-Methylnaphthalene      | 12.332 | 142  | 5530     | 0.276 ng/ul  | 100          |
| 8) 1-Methylnaphthalene      | 12.552 | 142  | 4885     | 0.245 ng/ul  | 99           |
| 10) Acenaphthylene          | 14.229 | 152  | 6600     | 0.254 ng/ul  | 96           |
| 11) Acenaphthene            | 14.571 | 153  | 1415     | 0.065 ng/ul  | 95           |
| 12) Fluorene                | 15.557 | 166  | 2153     | 0.086 ng/ul# | 96           |
| 15) Phenanthrene            | 17.297 | 178  | 59072    | 1.468 ng/ul  | 98           |
| 16) Anthracene              | 17.390 | 178  | 11191    | 0.322 ng/ul  | 99           |
| 19) Fluoranthene            | 19.318 | 202  | 117233   | 2.631 ng/ul  | 97           |
| 20) Pyrene                  | 19.681 | 202  | 94934    | 2.103 ng/ul# | 94           |
| 21) Benzo(a)anthracene      | 21.426 | 228  | 55494    | 1.356 ng/ul  | 97           |
| 22) Chrysene                | 21.482 | 228  | 56622m   | 1.225 ng/ul  | } 09/07/21JU |
| 24) Benzo(b)fluoranthene    | 23.113 | 252  | 67935m   | 1.381 ng/ul  |              |
| 25) Benzo(k)fluoranthene    | 23.153 | 252  | 25040m   | 0.506 ng/ul  |              |
| 26) Benzo(a)pyrene          | 23.732 | 252  | 39762    | 0.953 ng/ul# | 91           |
| 27) Indeno(1,2,3-cd)pyrene  | 26.326 | 276  | 30560    | 0.567 ng/ul# | 89           |
| 28) Dibenzo(a,h)anthracene  | 26.336 | 278  | 8345     | 0.188 ng/ul# | 55           |
| 29) Benzo(g,h,i)perylene    | 27.090 | 276  | 4728     | 0.101 ng/ul# | 48           |

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