

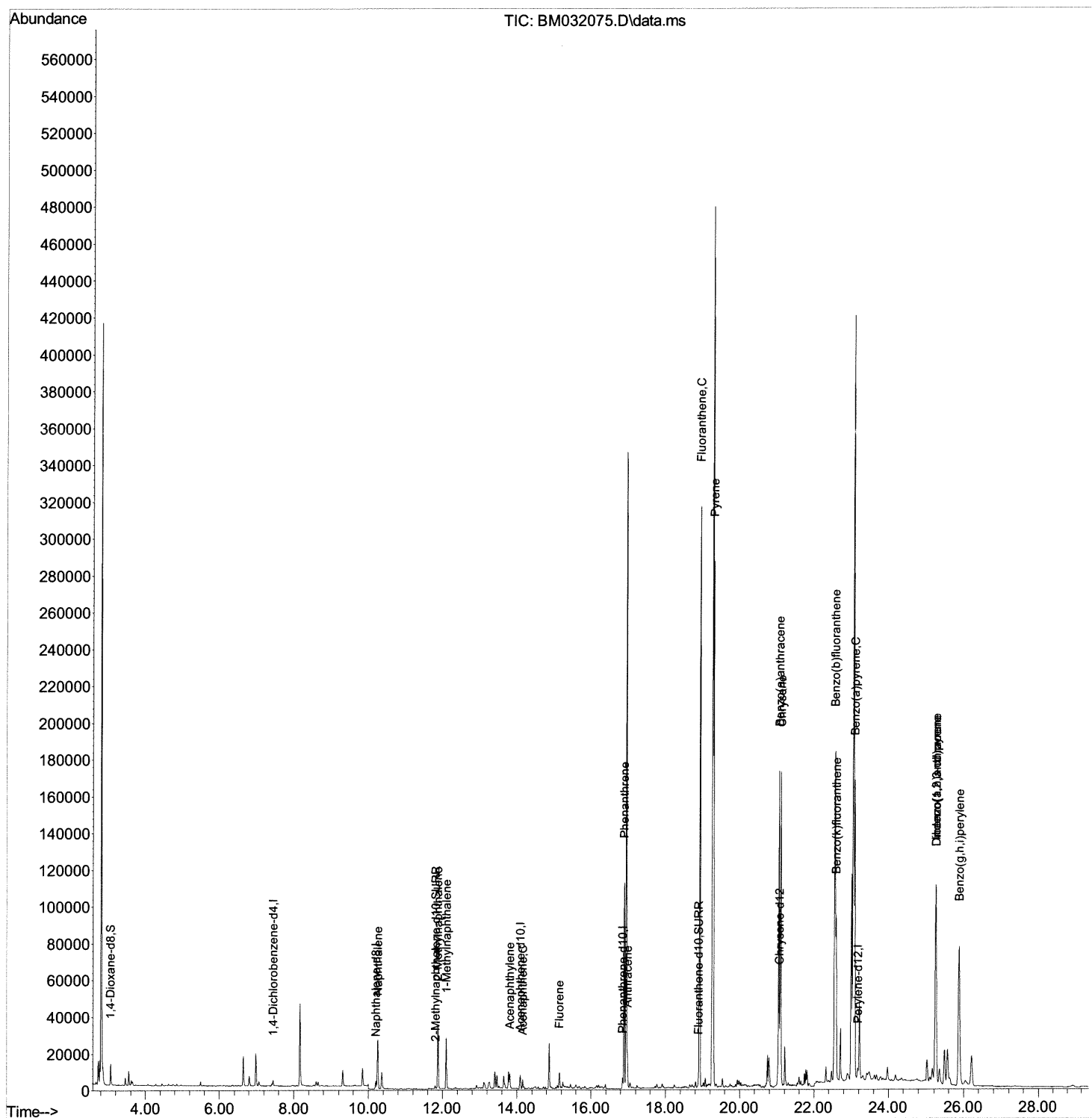
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
Data File : BM032075.D  
Acq On : 04 Sep 2021 13:33  
Operator : CG/JU  
Sample : M3518-01  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AS4

Manual Integrations  
APPROVED

mohammad  
9/7/2021 11:38:39 AM

Quant Time: Sep 06 02:14:57 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 03 16:21:27 2021  
Response via : Initial Calibration



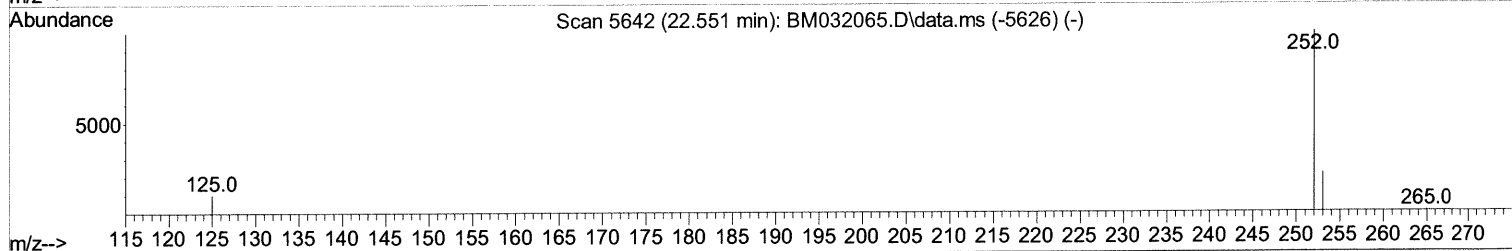
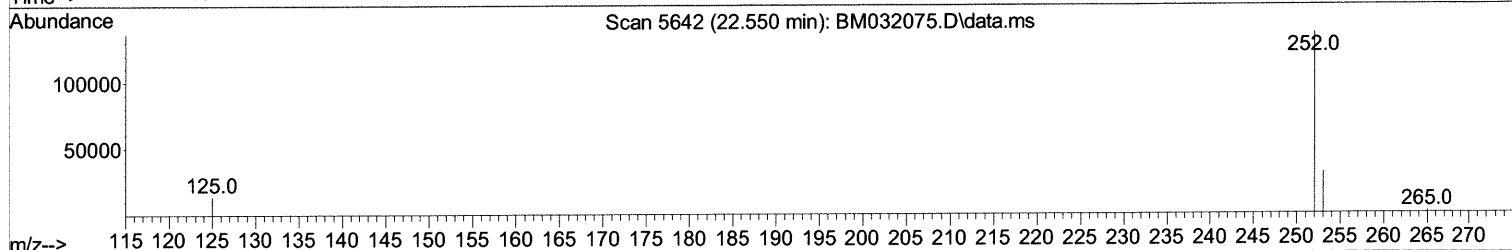
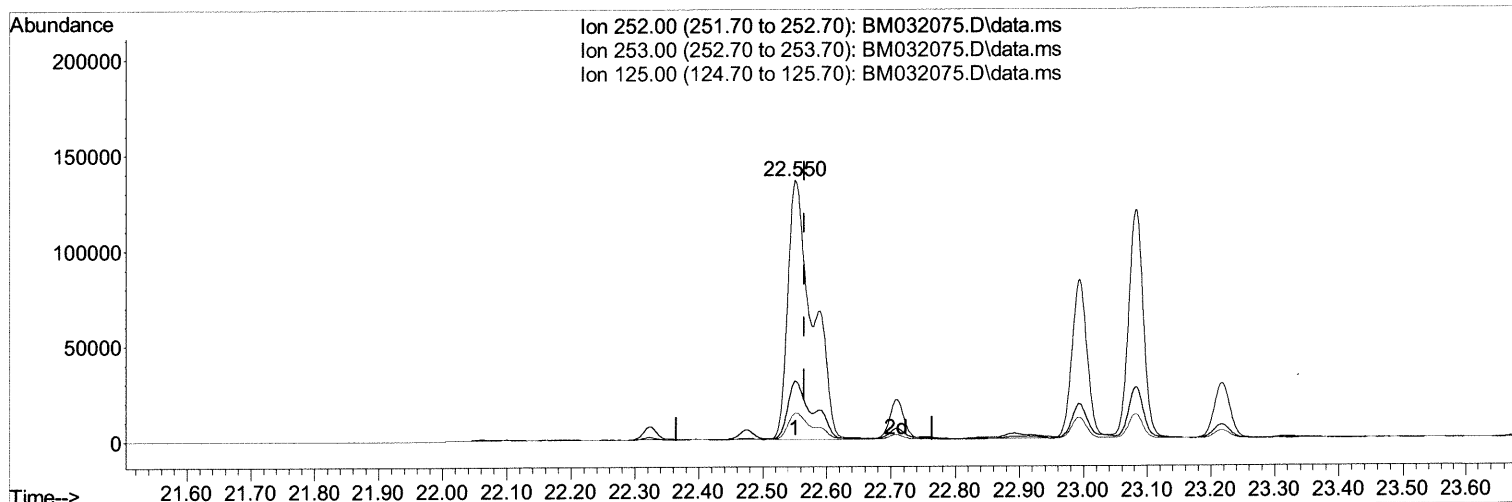
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TIC: BM032075.D\data.ms

(24) Benzo(b)fluoranthene

22.550min (-0.014) 11.75 ng/ul

response 362446

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.50  | 22.90  |
| 125.00 | 14.20  | 10.41  |
| 0.00   | 0.00   | 0.00   |

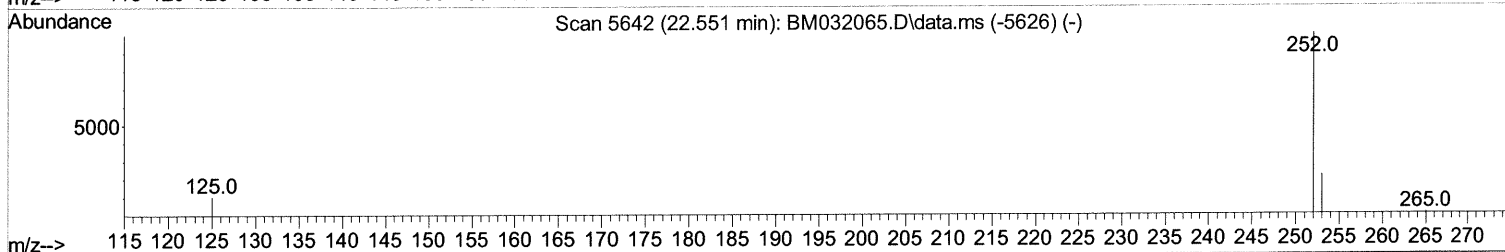
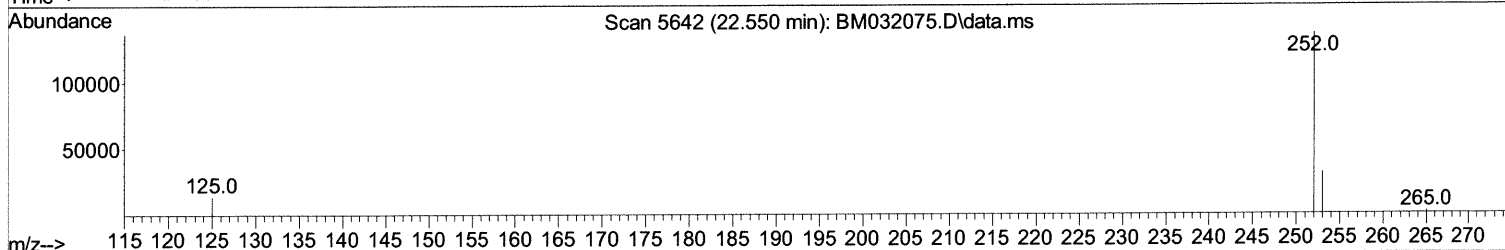
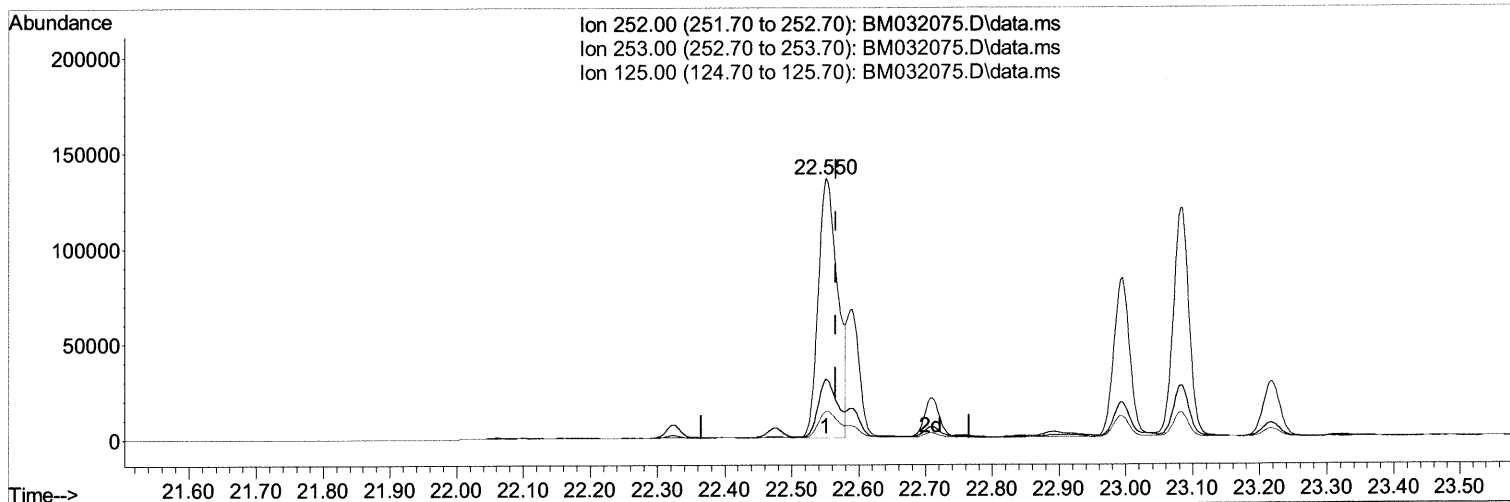
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ALS Vial : 33 Sample Multiplier: 1

Instrument :  
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TIC: BM032075.D\data.ms

(24) Benzo(b)fluoranthene

22.550min (-0.014) 8.89 ng/ul m 09/08/21 JU

response 274379

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.50  | 22.90  |
| 125.00 | 14.20  | 10.41  |
| 0.00   | 0.00   | 0.00   |

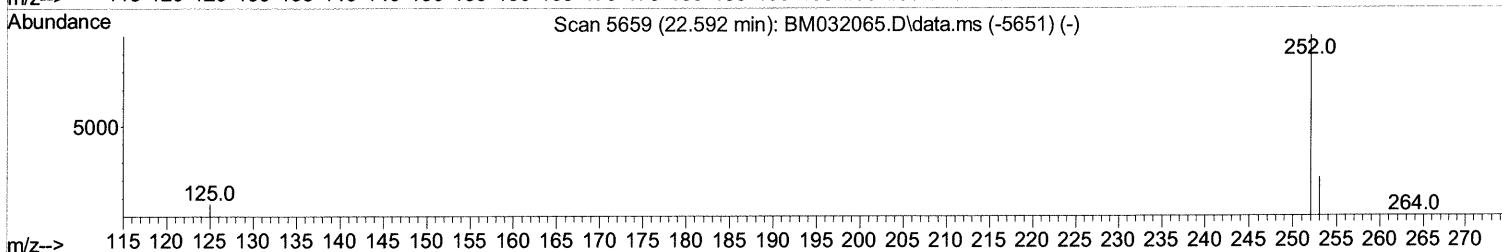
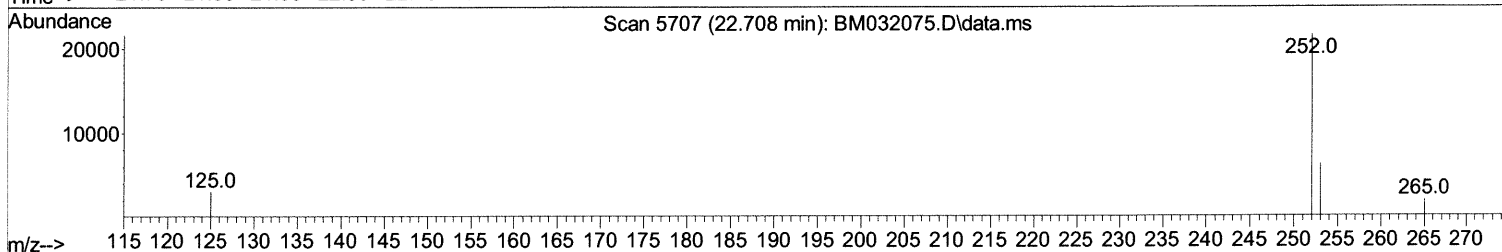
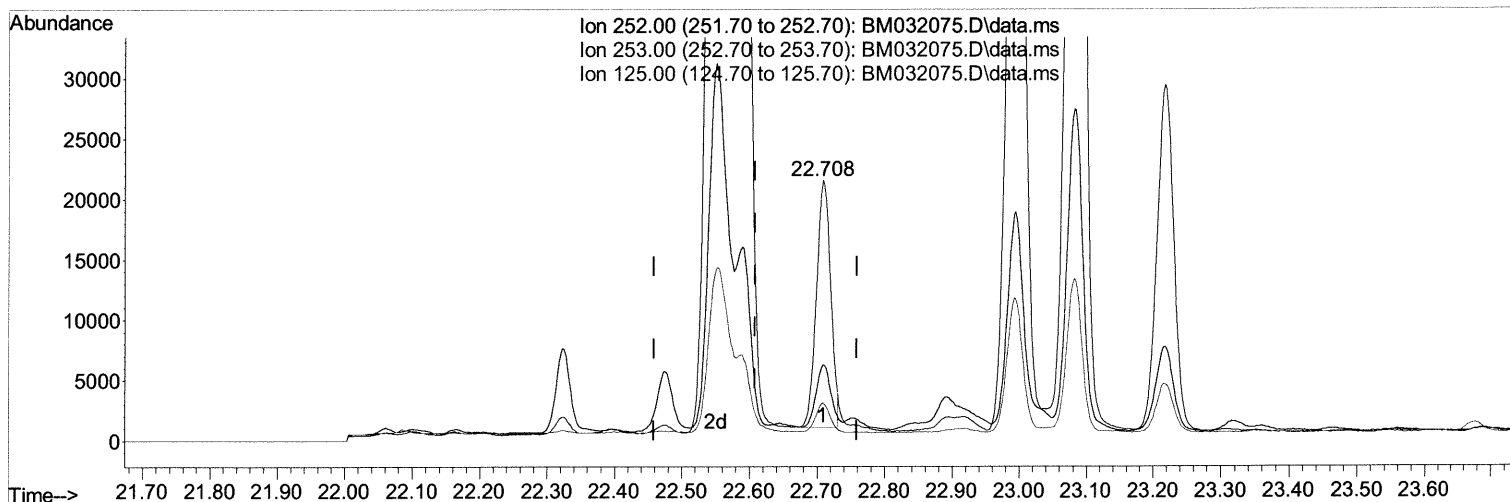
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TIC: BM032075.D\data.ms

(25) Benzo(k)fluoranthene

22.708min (+ 0.099) 0.95 ng/ul

response 30071

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 29.10  |
| 125.00 | 13.70  | 14.41  |
| 0.00   | 0.00   | 0.00   |

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Sample : M3518-01  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual Integrations  
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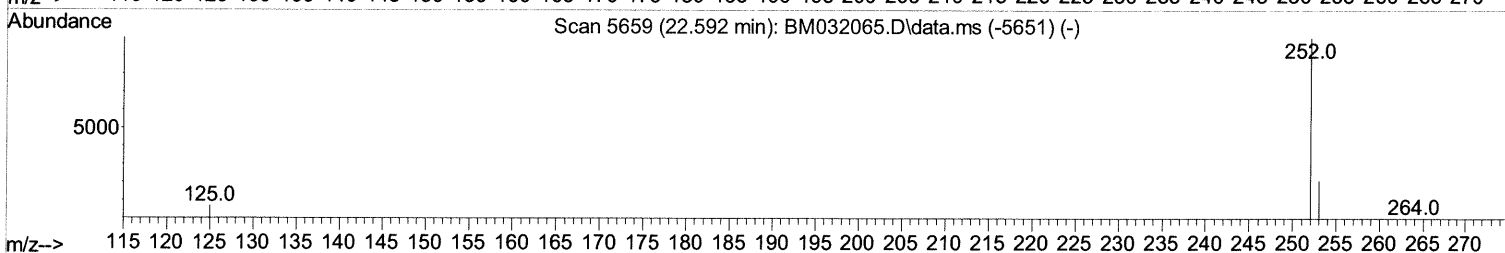
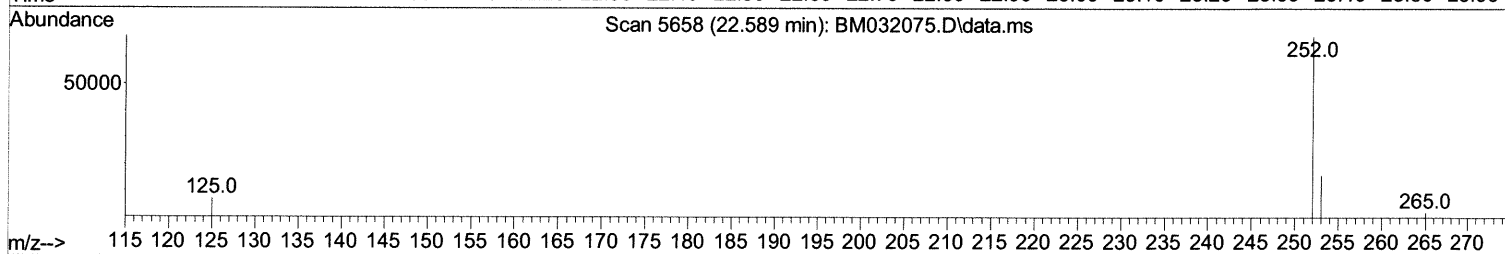
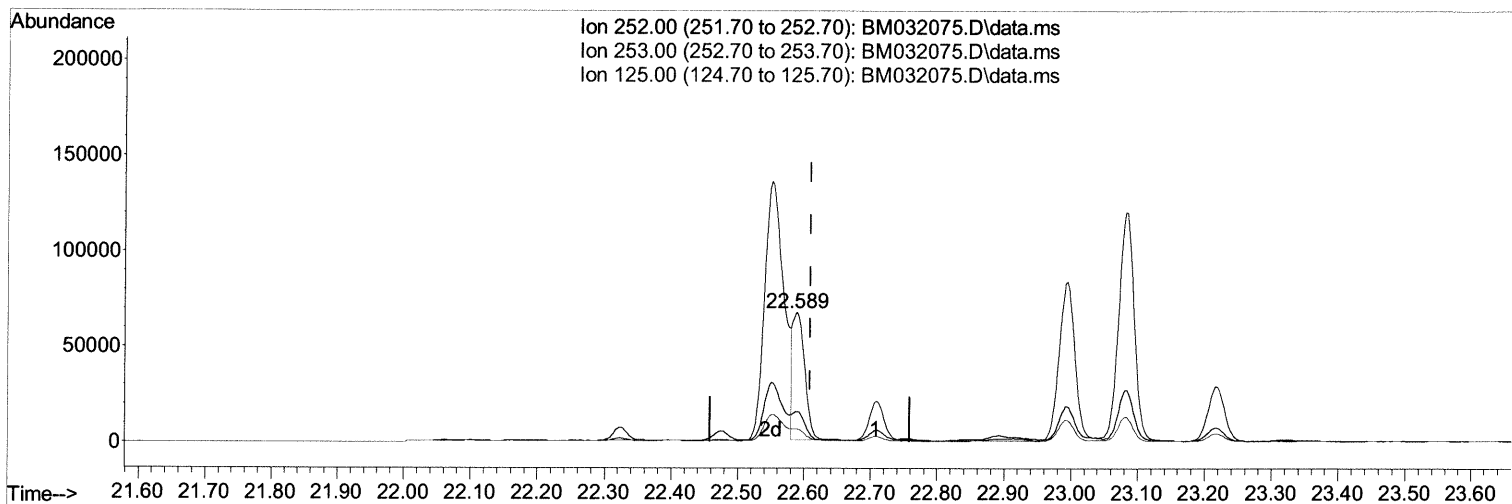
Quant Time: Sep 06 02:14:57 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 03 16:21:27 2021

Response via : Initial Calibration



TIC: BM032075.D\data.ms

(25) Benzo(k)fluoranthene

22.589min (-0.019) 2.68 ng/ul m 09/08/21JU

response 85326

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 23.58# |
| 125.00 | 13.70  | 10.46# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032075.D  
 Acq On : 04 Sep 2021 13:33  
 Operator : CG/JU  
 Sample : M3518-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AS4

Manual Integrations  
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Quant Time: Sep 06 02:14:57 2021  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)     |
|-----------------------------|--------|------|----------|-------|--------|--------------|
| -----                       |        |      |          |       |        |              |
| Internal Standards          |        |      |          |       |        |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.452  | 152  | 1660     | 0.400 | ng/ul  | 0.00         |
| 4) Naphthalene-d8           | 10.203 | 136  | 5613     | 0.400 | ng/ul  | -0.02        |
| 9) Acenaphthene-d10         | 14.095 | 164  | 3363     | 0.400 | ng/ul  | 0.00         |
| 13) Phenanthrene-d10        | 16.851 | 188  | 6606     | 0.400 | ng/ul  | -0.01        |
| 17) Chrysene-d12            | 21.059 | 240  | 6130     | 0.400 | ng/ul  | -0.01        |
| 23) Perylene-d12            | 23.173 | 264  | 6710     | 0.400 | ng/ul  | #-0.02       |
| System Monitoring Compounds |        |      |          |       |        |              |
| 3) 1,4-Dioxane-d8           | 3.061  | 96   | 7279     | 3.992 | ng/ul  | -0.01        |
| 6) 2-Methylnaphthalene-d10  | 11.804 | 152  | 2066     | 0.238 | ng/ul  | -0.02        |
| 18) Fluoranthene-d10        | 18.888 | 212  | 4684     | 0.261 | ng/ul  | -0.02        |
| Target Compounds            |        |      |          |       |        |              |
|                             |        |      |          |       | Qvalue |              |
| 5) Naphthalene              | 10.253 | 128  | 35473    | 2.382 | ng/ul  | 94           |
| 7) 2-Methylnaphthalene      | 11.876 | 142  | 24791    | 2.386 | ng/ul  | 99           |
| 8) 1-Methylnaphthalene      | 12.101 | 142  | 19099    | 1.867 | ng/ul  | 97           |
| 10) Acenaphthylene          | 13.815 | 152  | 6464     | 0.476 | ng/ul  | 99           |
| 11) Acenaphthene            | 14.159 | 153  | 3163     | 0.285 | ng/ul  | 96           |
| 12) Fluorene                | 15.153 | 166  | 4393     | 0.339 | ng/ul# | 92           |
| 15) Phenanthrene            | 16.893 | 178  | 110274   | 5.485 | ng/ul  | 97           |
| 16) Anthracene              | 16.983 | 178  | 19354    | 1.097 | ng/ul  | 98           |
| 19) Fluoranthene            | 18.919 | 202  | 264255   | 9.974 | ng/ul  | 99           |
| 20) Pyrene                  | 19.285 | 202  | 240599   | 8.811 | ng/ul  | 99           |
| 21) Benzo(a)anthracene      | 21.045 | 228  | 140859   | 6.290 | ng/ul  | 98           |
| 22) Chrysene                | 21.095 | 228  | 156151   | 6.071 | ng/ul  | 99           |
| 24) Benzo(b)fluoranthene    | 22.550 | 252  | 274379m  | 8.895 | ng/ul  | > 09/08/2134 |
| 25) Benzo(k)fluoranthene    | 22.589 | 252  | 85326m   | 2.682 | ng/ul  |              |
| 26) Benzo(a)pyrene          | 23.081 | 252  | 195236   | 7.242 | ng/ul# | 80           |
| 27) Indeno(1,2,3-cd)pyrene  | 25.242 | 276  | 154993   | 4.221 | ng/ul# | 95           |
| 28) Dibenzo(a,h)anthracene  | 25.245 | 278  | 38038    | 1.289 | ng/ul  | 94           |
| 29) Benzo(g,h,i)perylene    | 25.875 | 276  | 148885   | 4.556 | ng/ul  | 95           |
| -----                       |        |      |          |       |        |              |

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