

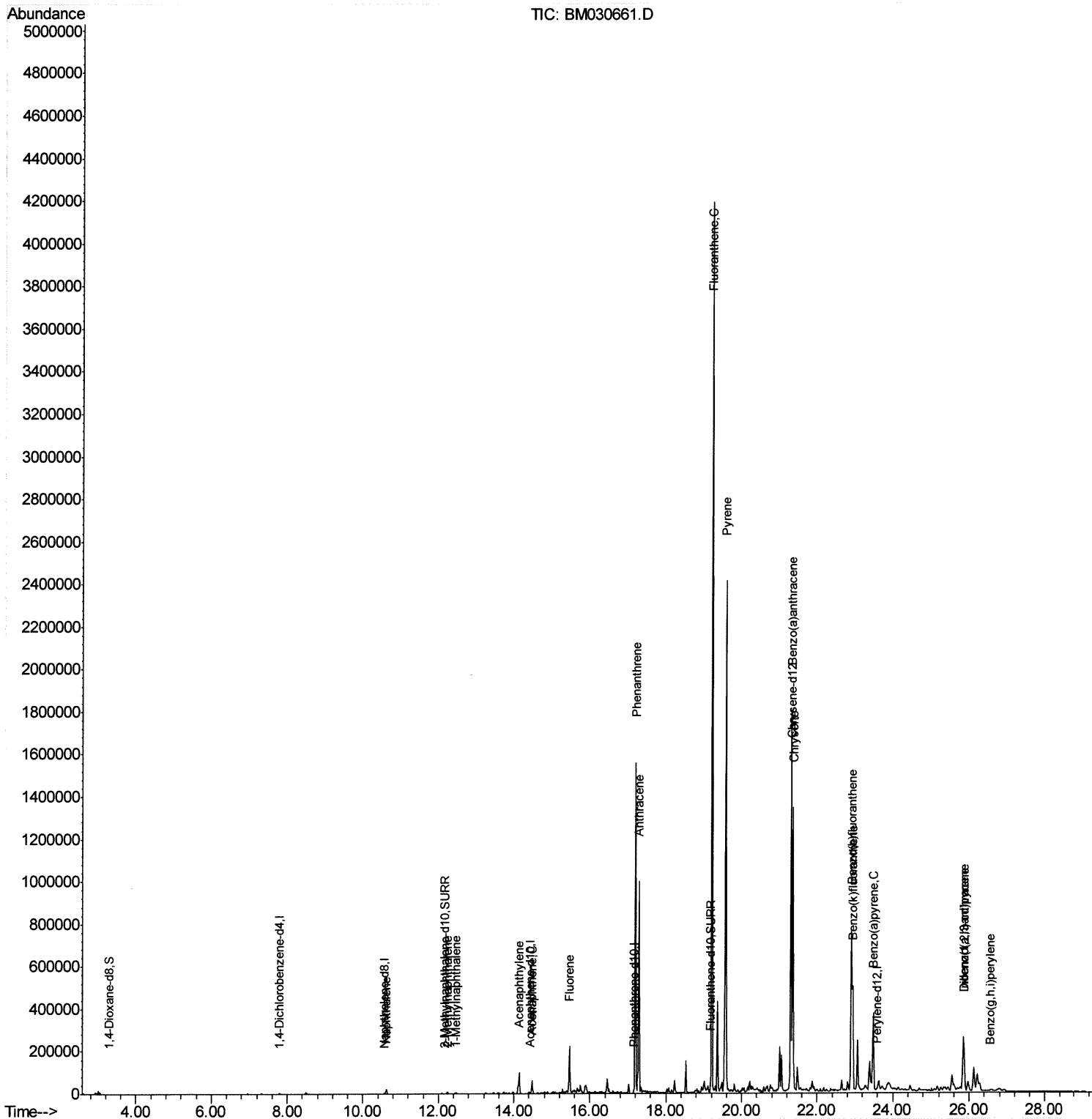
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\  
Data File : BM030661.D  
Acq On : 28 Jun 2021 19:52  
Operator : CG/JU  
Sample : M2682-02DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDF3DL

Manual Integrations  
APPROVED

mohammad  
6/29/2021 2:31:32 PM

Quant Time: Jun 29 02:30:21 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 28 14:33:12 2021  
Response via : Initial Calibration



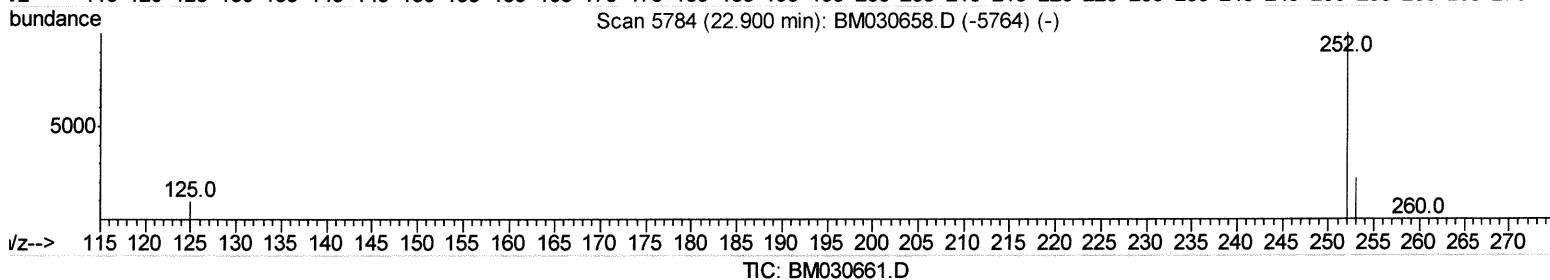
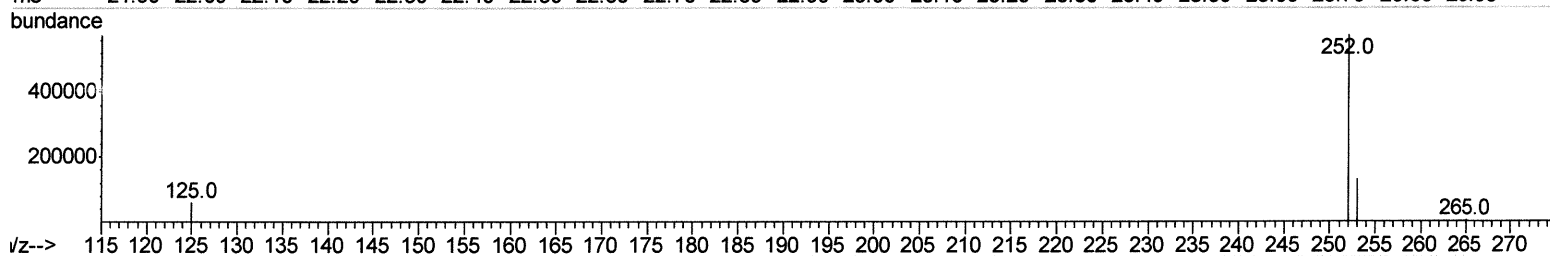
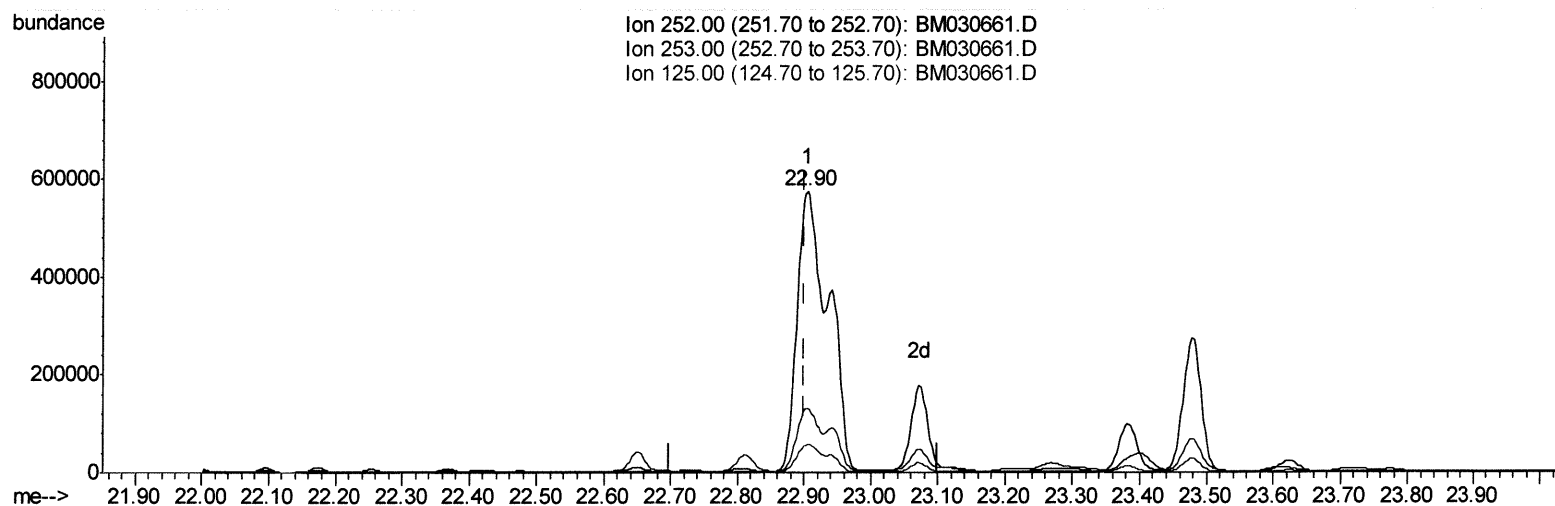
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Quant Time: Jun 29 02:21:07 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
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QLast Update : Mon Jun 28 14:33:12 2021  
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(24) Benzo(b)fluoranthene

22.905min (+0.005) 45.72ng/ul

response 1858719

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 28.90 | 22.92 |
| 125.00 | 16.60 | 10.05 |
| 0.00   | 0.00  | 0.00  |

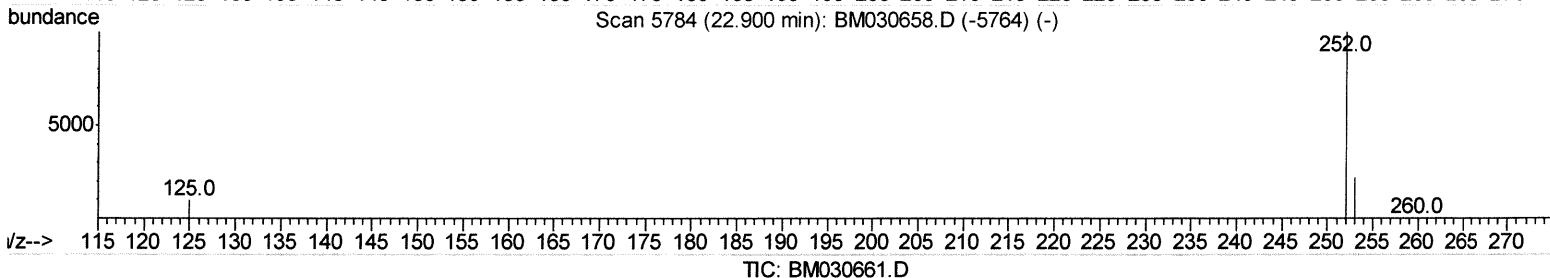
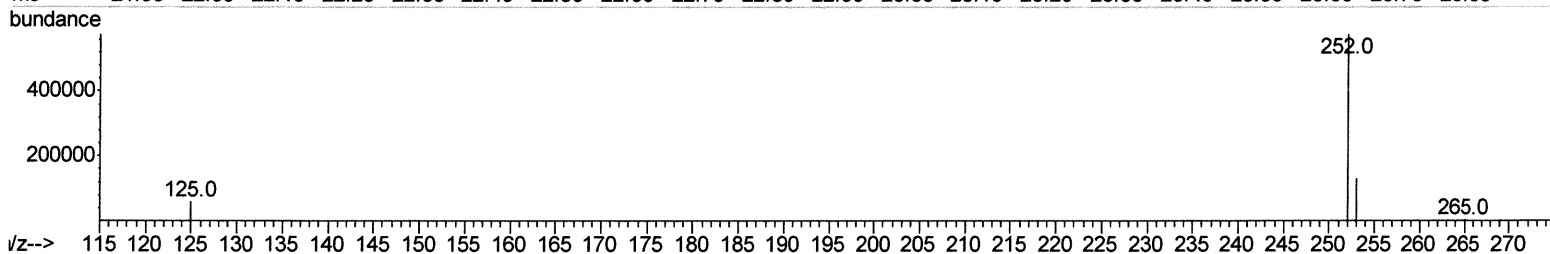
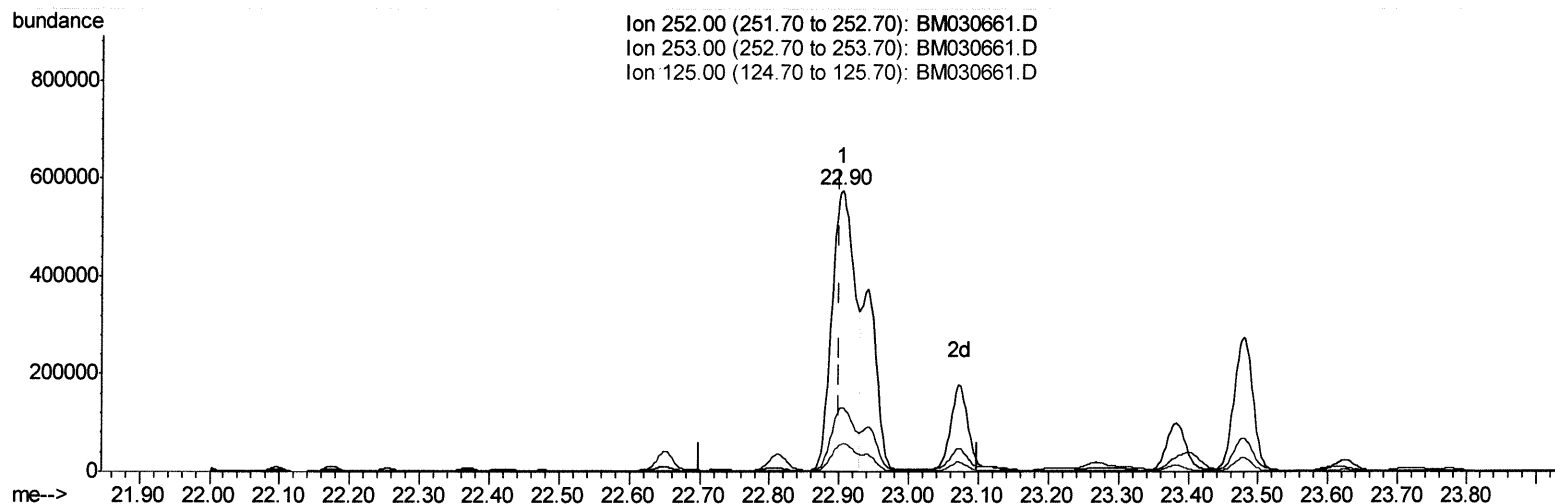
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Manual Integrations  
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 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.905min (+0.005) 31.77ng/ul m

response 1291408

*JU 6/30/21*

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 28.90 | 22.92 |
| 125.00 | 16.60 | 10.05 |
| 0.00   | 0.00  | 0.00  |

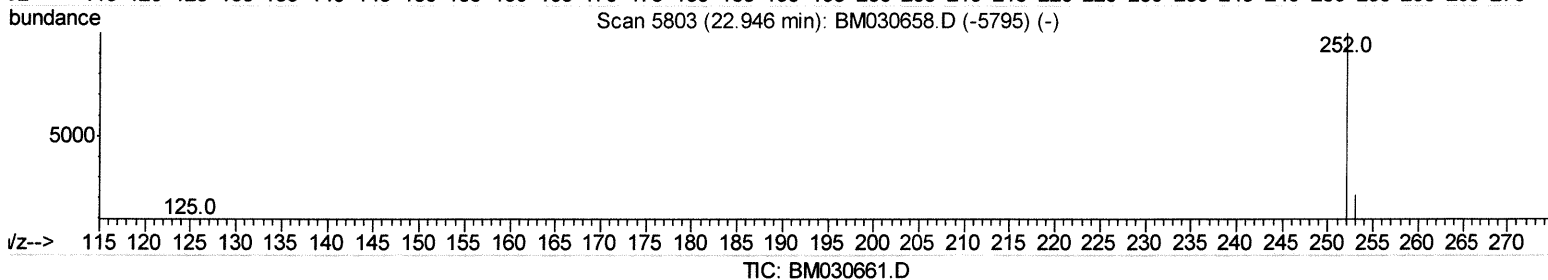
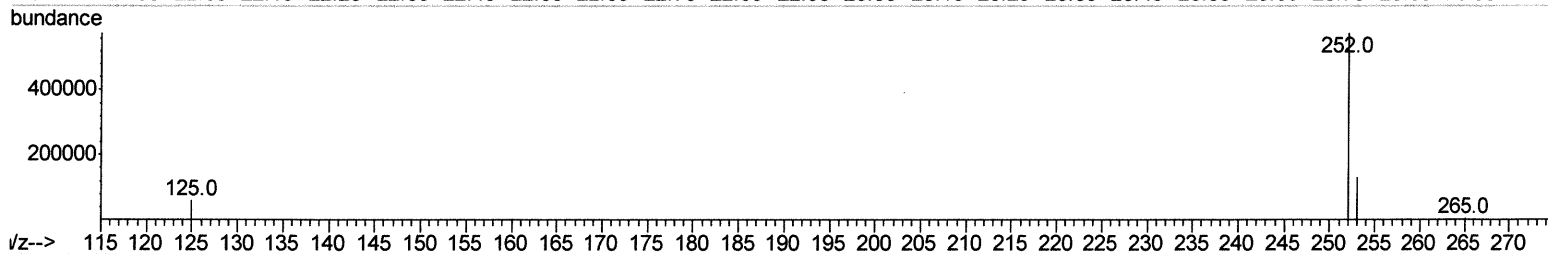
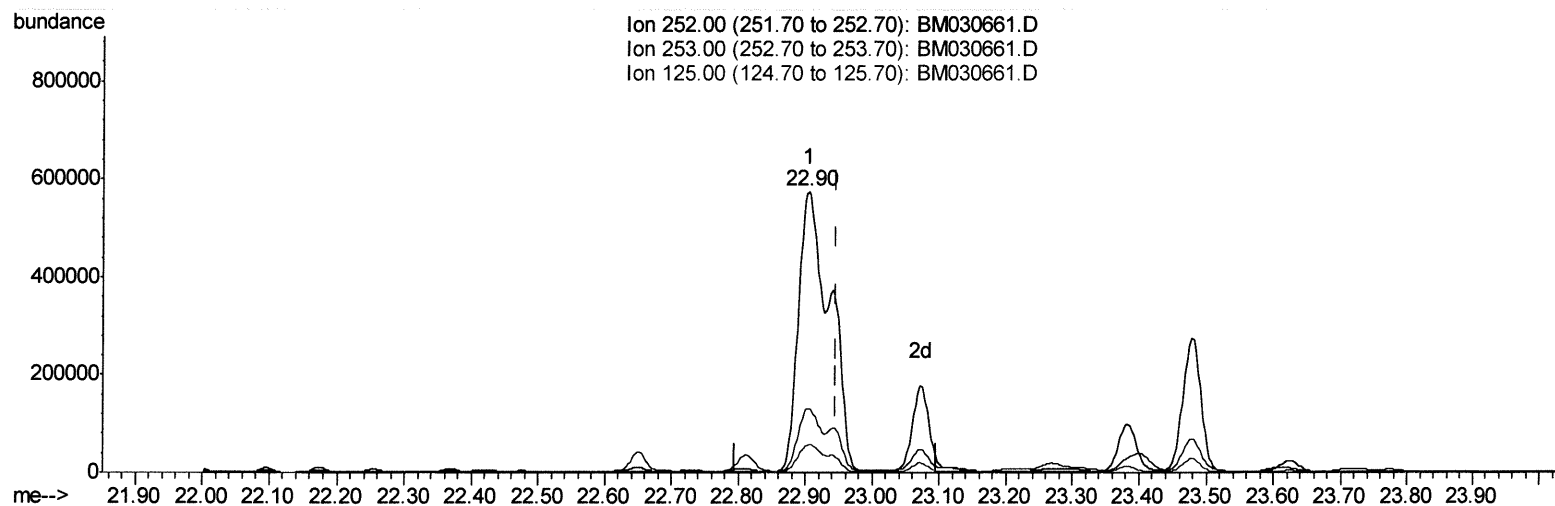
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Manual Integrations  
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mohammad  
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Quant Time: Jun 29 02:29:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.905min (-0.041) 44.35ng/ul

response 1858719

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 22.92# |
| 125.00 | 15.80 | 10.05# |
| 0.00   | 0.00  | 0.00   |

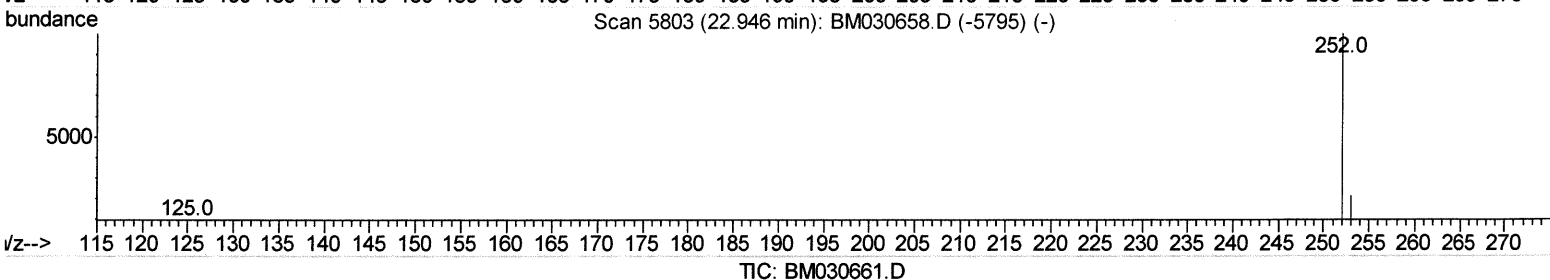
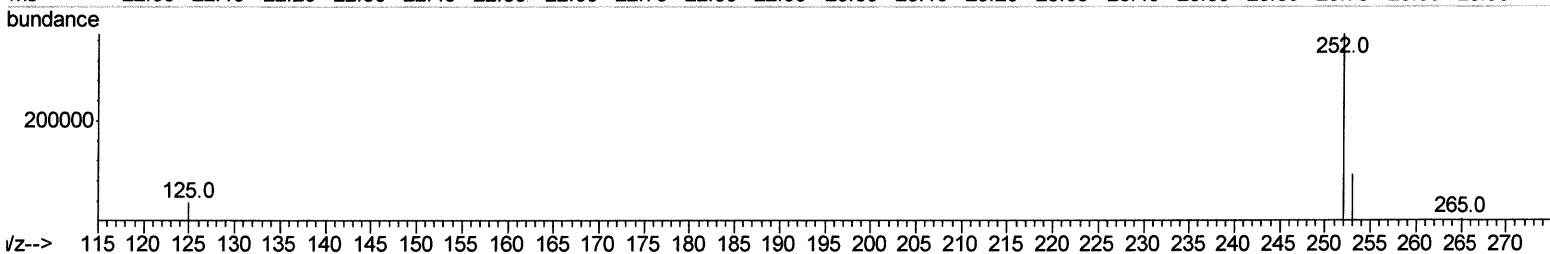
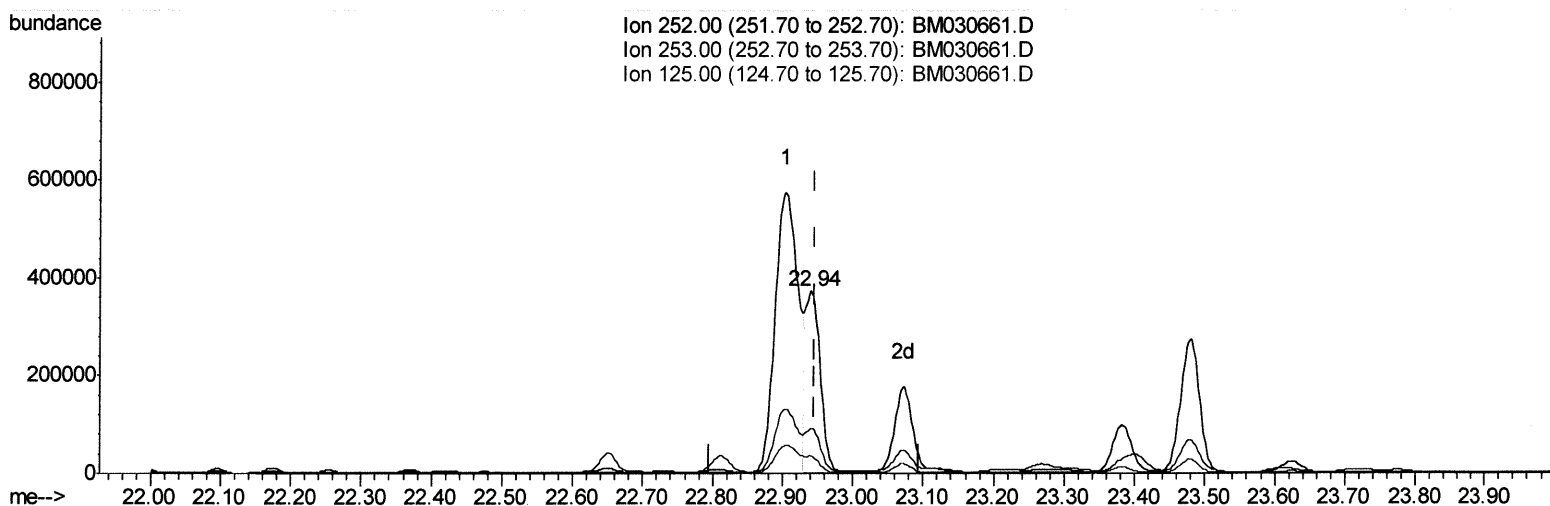
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 Operator : CG/JU  
 Sample : M2682-02DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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Quant Time: Jun 29 02:29:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
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(25) Benzo(k)fluoranthene

22.941min (-0.005) 13.38ng/ul m

response 560565

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.00 | 24.79 |
| 125.00 | 15.80 | 9.54# |
| 0.00   | 0.00  | 0.00  |

*JE 6/30/21*

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\  
 Data File : BM030661.D  
 Acq On : 28 Jun 2021 19:52  
 Operator : CG/JU  
 Sample : M2682-02DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|--------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.79  | 152  | 1603     | 0.40   | ng/ul  | 0.00           |
| 4) Naphthalene-d8           | 10.58 | 136  | 6260     | 0.40   | ng/ul  | 0.00           |
| 9) Acenaphthene-d10         | 14.42 | 164  | 3898     | 0.40   | ng/ul  | 0.00           |
| 13) Phenanthrene-d10        | 17.16 | 188  | 7501     | 0.40   | ng/ul  | 0.00           |
| 17) Chrysene-d12            | 21.32 | 240  | 8295     | 0.40   | ng/ul  | 0.00           |
| 23) Perylene-d12            | 23.58 | 264  | 9178     | 0.40   | ng/ul  | 0.00           |
| System Monitoring Compounds |       |      |          |        |        |                |
| 3) 1,4-Dioxane-d8           | 3.29  | 96   | 875      | 0.50   | ng/ul  | 0.00           |
| 6) 2-Methylnaphthalene-d10  | 12.17 | 152  | 594      | 0.06   | ng/ul  | 0.00           |
| 18) Fluoranthene-d10        | 19.18 | 212  | 959      | 0.04   | ng/ul  | 0.00           |
| Target Compounds            |       |      |          | Ovalue |        |                |
| 5) Naphthalene              | 10.63 | 128  | 32469    | 1.820  | ng/ul  | 98             |
| 7) 2-Methylnaphthalene      | 12.24 | 142  | 5281     | 0.440  | ng/ul  | 100            |
| 8) 1-Methylnaphthalene      | 12.46 | 142  | 3588     | 0.307  | ng/ul  | 99             |
| 10) Acenaphthylene          | 14.14 | 152  | 116493   | 6.695  | ng/ul  | 98             |
| 11) Acenaphthene            | 14.48 | 153  | 37082    | 2.630  | ng/ul  | 99             |
| 12) Fluorene                | 15.46 | 166  | 141318   | 9.086  | ng/ul  | 100            |
| 15) Phenanthrene            | 17.20 | 178  | 1637356  | 64.932 | ng/ul  | 98             |
| 16) Anthracene              | 17.29 | 178  | 1033724  | 46.810 | ng/ul  | 97             |
| 19) Fluoranthene            | 19.21 | 202  | 3634814  | 99.279 | ng/ul  | 100            |
| 20) Pyrene                  | 19.57 | 202  | 2127407  | 57.785 | ng/ul  | 97             |
| 21) Benzo(a)anthracene      | 21.31 | 228  | 1507104  | 45.579 | ng/ul  | 96             |
| 22) Chrysene                | 21.36 | 228  | 1171295  | 31.622 | ng/ul  | 97             |
| 24) Benzo(b)fluoranthene    | 22.90 | 252  | 1291408m | 31.768 | ng/ul  | } → Jy 6/30/21 |
| 25) Benzo(k)fluoranthene    | 22.94 | 252  | 560565m  | 13.375 | ng/ul  |                |
| 26) Benzo(a)pyrene          | 23.48 | 252  | 515785   | 14.917 | ng/ul# | 84             |
| 27) Indeno(1,2,3-cd)pyrene  | 25.86 | 276  | 376170   | 8.352  | ng/ul# | 95             |
| 28) Dibenzo(a,h)anthracene  | 25.86 | 278  | 156182   | 4.321  | ng/ul  | 97             |
| 29) Benzo(a,h,i)perylene    | 26.56 | 276  | 15680    | 0.401  | ng/ul# | 78             |

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