

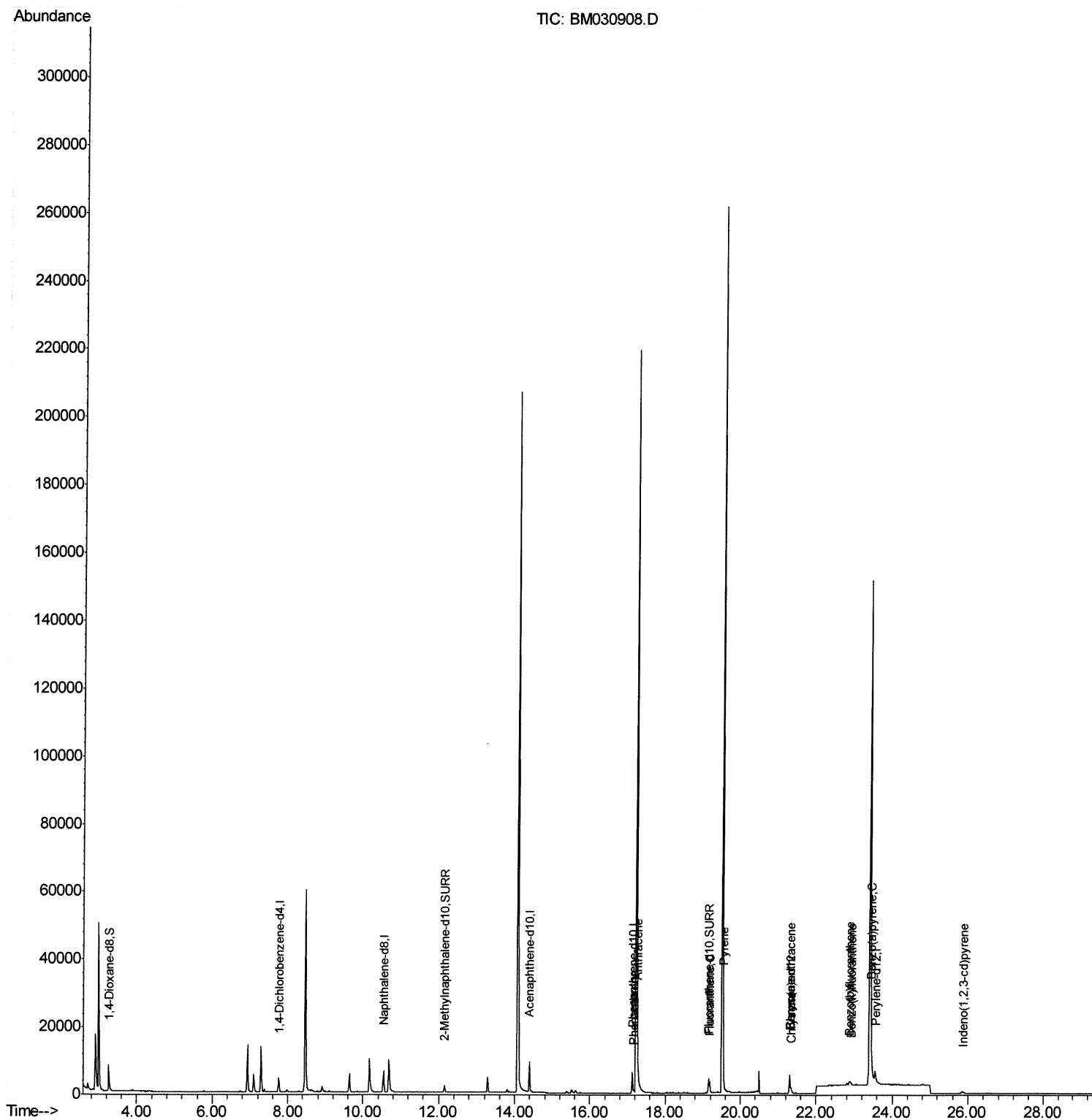
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
Data File : BM030908.D  
Acq On : 09 Jul 2021 06:01  
Operator : CG/JU  
Sample : M2877-04  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGE02

Manual Integrations  
APPROVED

mohammad  
7/9/2021 3:02:32 PM

Quant Time: Jul 09 07:24:43 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 : Thu Jul 08 10:44:22 2021  
Response via : Initial Calibration



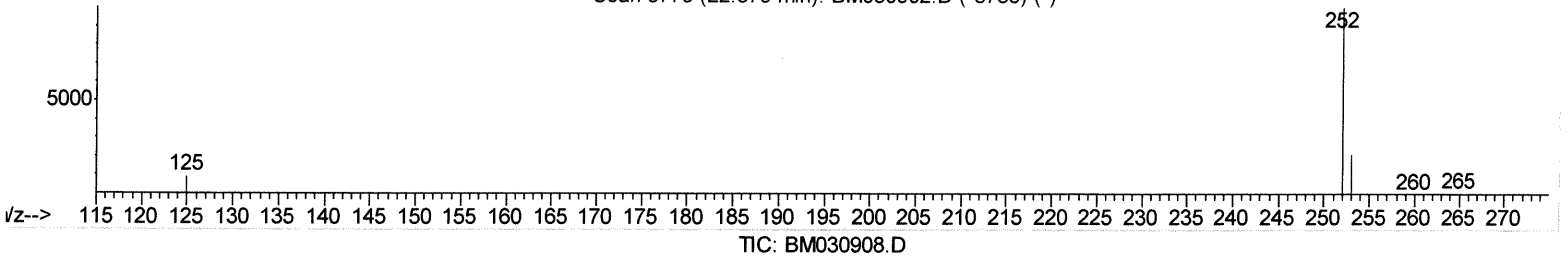
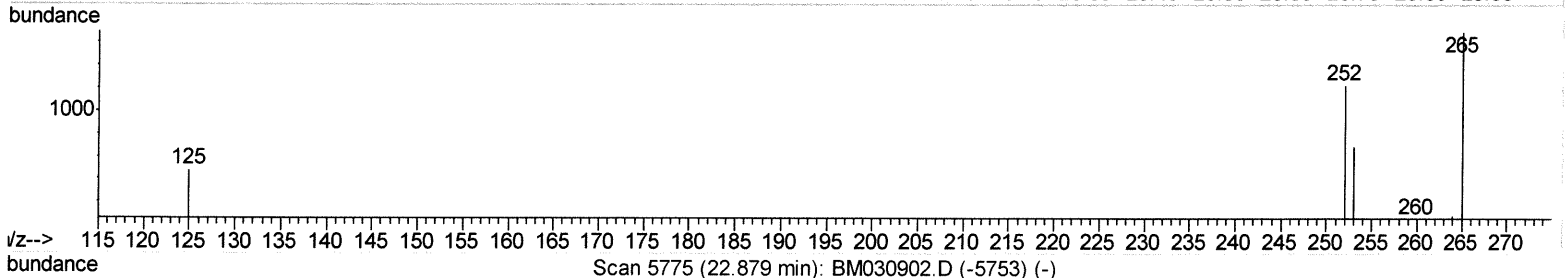
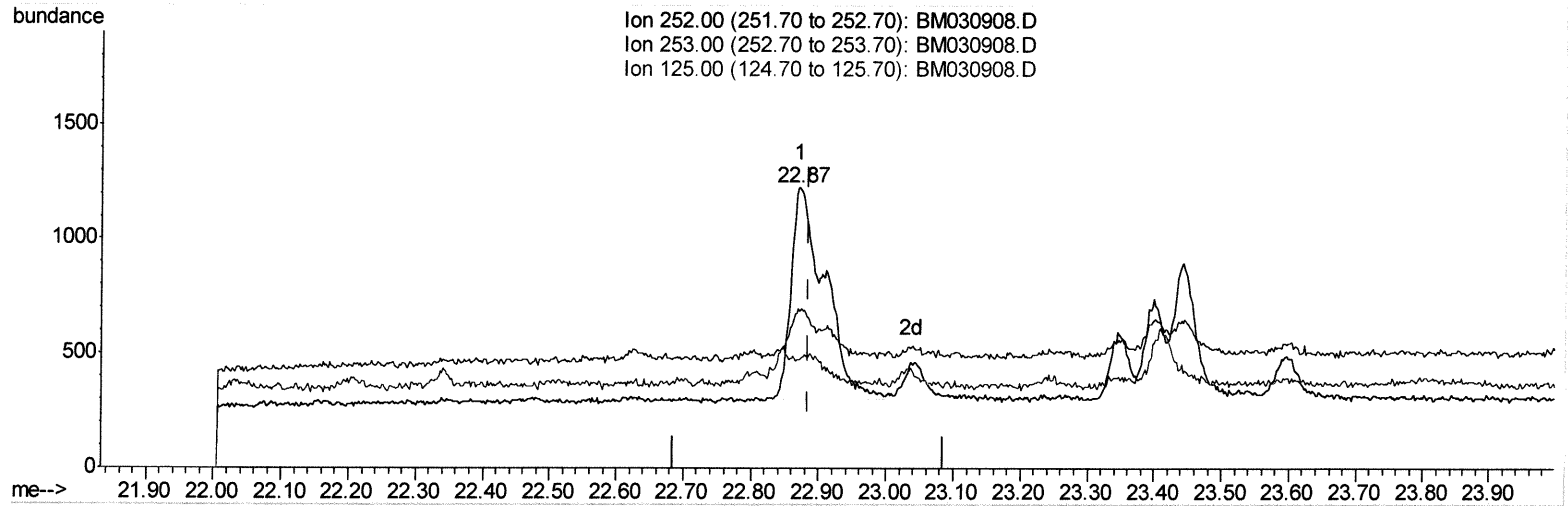
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Quant Time: Jul 09 07:20:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 08 10:44:22 2021  
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene  
 22.872min (-0.014) 0.11ng/ul  
 response 3197

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 56.00# |
| 125.00 | 13.90 | 38.86# |
| 0.00   | 0.00  | 0.00   |

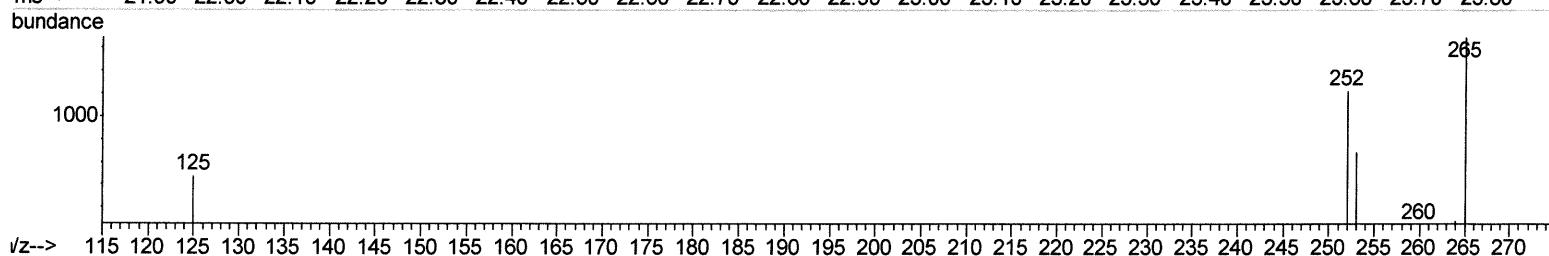
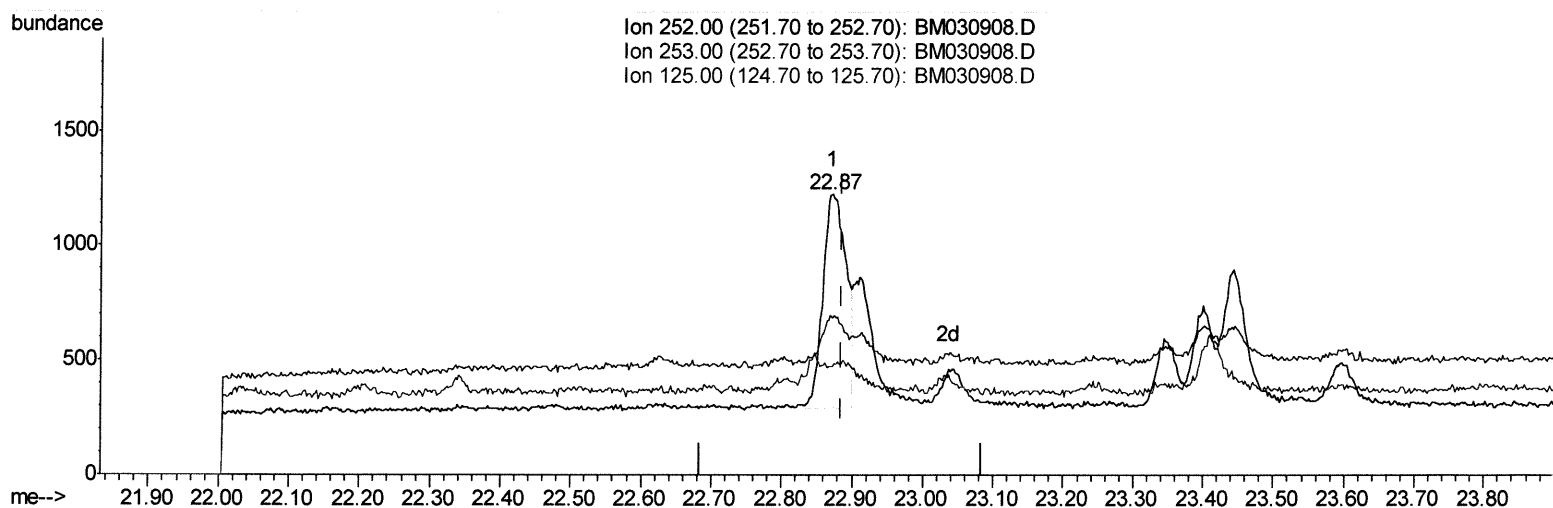
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
 Data File : BM030908.D  
 Acq On : 09 Jul 2021 06:01  
 Operator : CG/JU  
 Sample : M2877-04  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGE02

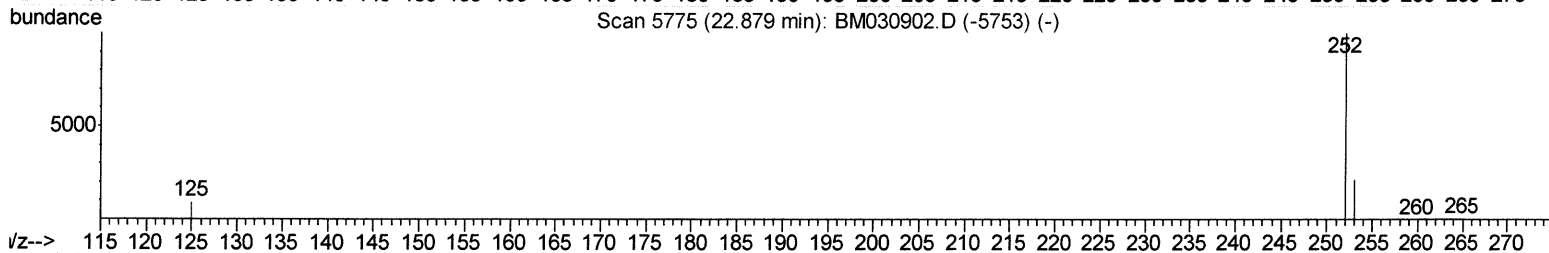
Manual Integrations  
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mohammad  
 7/9/2021 3:02:32 PM

Quant Time: Jul 09 07:20:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
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Scan 5775 (22.879 min): BM030902.D (-5753) (-)



TIC: BM030908.D

(24) Benzo(b)fluoranthene

22.872min (-0.014) 0.07ng/ul m 07/12/21 JU

response 2101

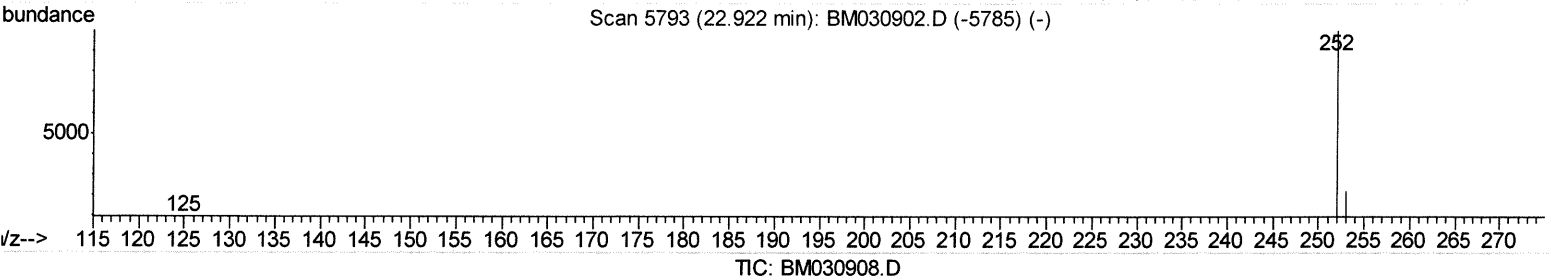
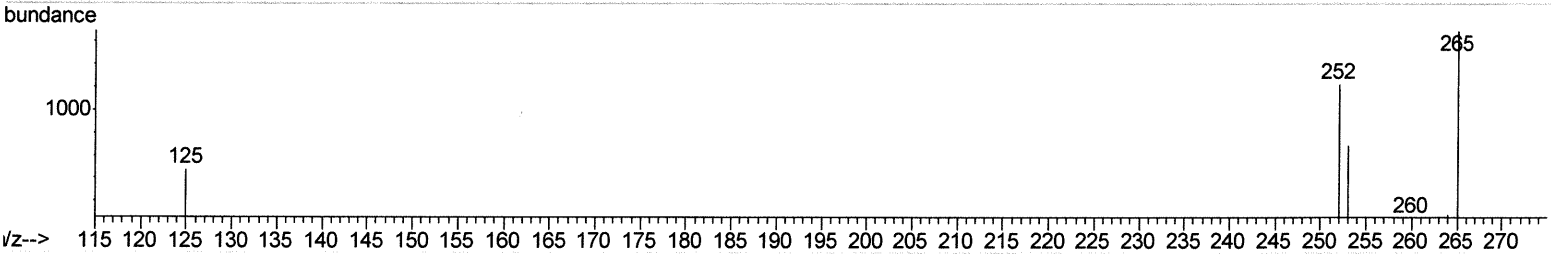
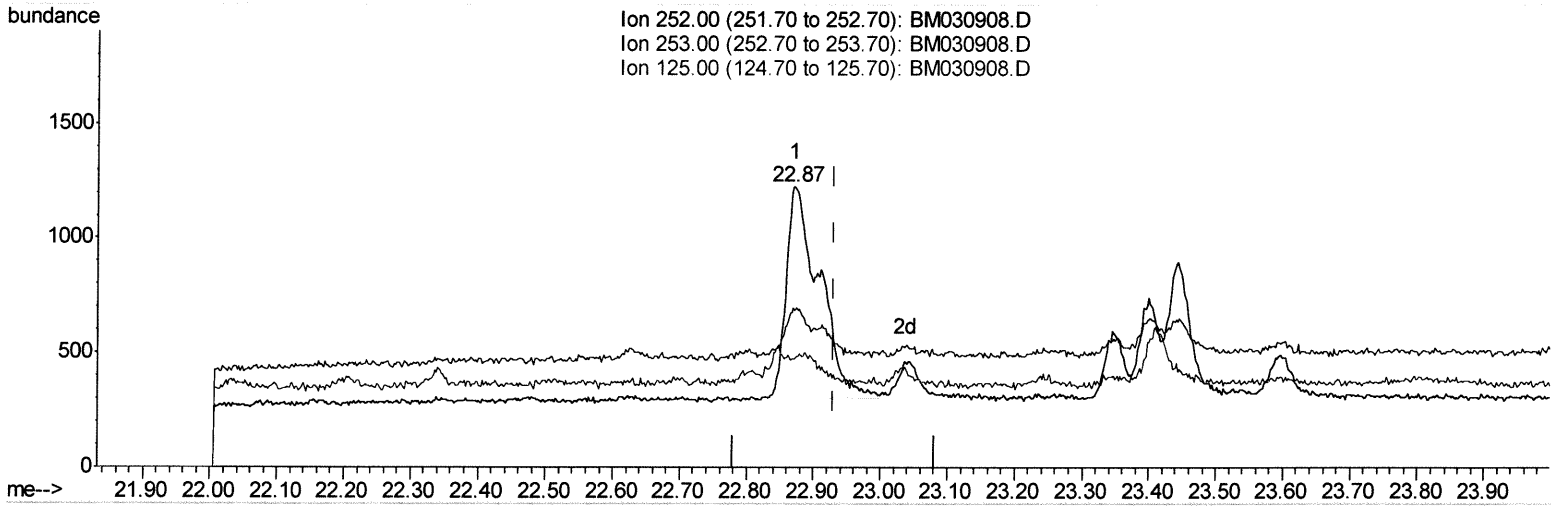
| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 56.00# |
| 125.00 | 13.90 | 38.86# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
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Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGE02

Manual Integrations  
APPROVED  
mohammad  
7/9/2021 3:02:32 PM

Quant Time: Jul 09 07:23:52 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 : Thu Jul 08 10:44:22 2021  
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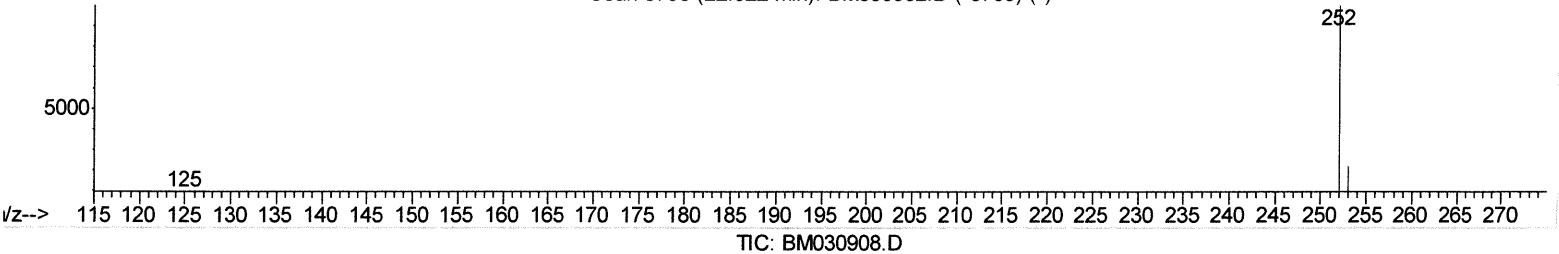
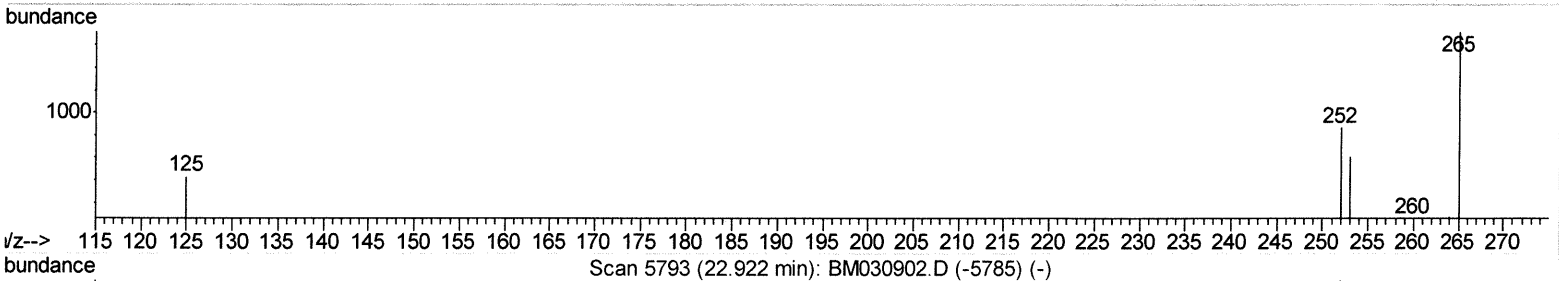
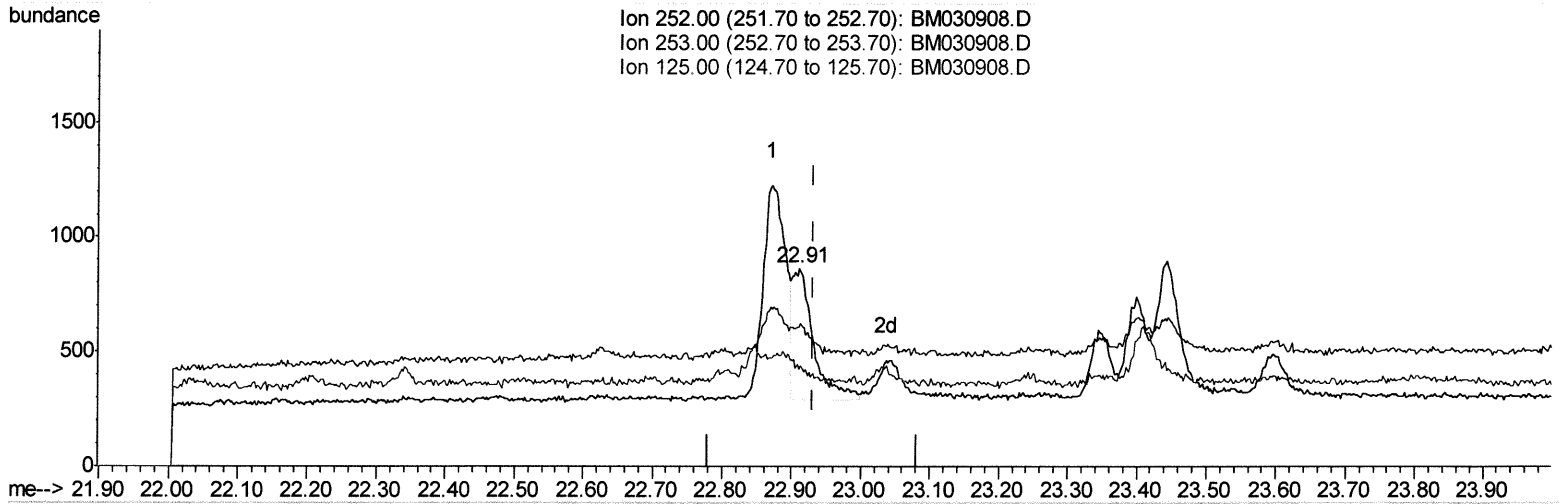
(25) Benzo(k)fluoranthene  
22.872min (-0.060) 0.11ng/ul  
response 3197  
Ion Exp% Act%  
252.00 100 100  
253.00 25.80 56.00#  
125.00 13.70 38.86#  
0.00 0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
Data File : BM030908.D  
Acq On : 09 Jul 2021 06:01  
Operator : CG/JU  
Sample : M2877-04  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGE02

Manual Integrations  
APPROVED  
mohammad  
7/9/2021 3:02:32 PM

Quant Time: Jul 09 07:23:52 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 : Thu Jul 08 10:44:22 2021  
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.910min (-0.021) 0.04ng/ul m 07/12/21 JU

response 1193

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.80 | 70.14# |
| 125.00 | 13.70 | 49.31# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
 Data File : BM030908.D  
 Acq On : 09 Jul 2021 06:01  
 Operator : CG/JU  
 Sample : M2877-04  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGE02

Manual Integrations  
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 7/9/2021 3:02:32 PM

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.76  | 152  | 2261     | 0.40  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.54 | 136  | 9020     | 0.40  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.39 | 164  | 5069     | 0.40  | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.13 | 188  | 8181     | 0.40  | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.31 | 240  | 5107     | 0.40  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.54 | 264  | 6476     | 0.40  | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.26  | 96   | 5076     | 2.06  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.15 | 152  | 3246     | 0.23  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.16 | 212  | 5118     | 0.35  | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 15) Phenanthrene            | 17.17 | 178  | 1047     | 0.038 | ng/ul# | 84       |
| 16) Anthracene              | 17.26 | 178  | 541      | 0.022 | ng/ul# | 62       |
| 19) Fluoranthene            | 19.18 | 202  | 3207     | 0.142 | ng/ul# | 92       |
| 20) Pyrene                  | 19.55 | 202  | 3334     | 0.147 | ng/ul# | 87       |
| 21) Benzo(a)anthracene      | 21.30 | 228  | 1669     | 0.082 | ng/ul# | 86       |
| 22) Chrysene                | 21.34 | 228  | 1484     | 0.065 | ng/ul# | 87       |
| 24) Benzo(b)fluoranthene    | 22.87 | 252  | 2101m    | 0.073 | ng/ul  | >        |
| 25) Benzo(k)fluoranthene    | 22.91 | 252  | 1193m    | 0.040 | ng/ul  | >        |
| 26) Benzo(a)pyrene          | 23.44 | 252  | 1265     | 0.052 | ng/ul# | 22       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.86 | 276  | 998      | 0.031 | ng/ul# | 89       |

07/12/21 JU

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