

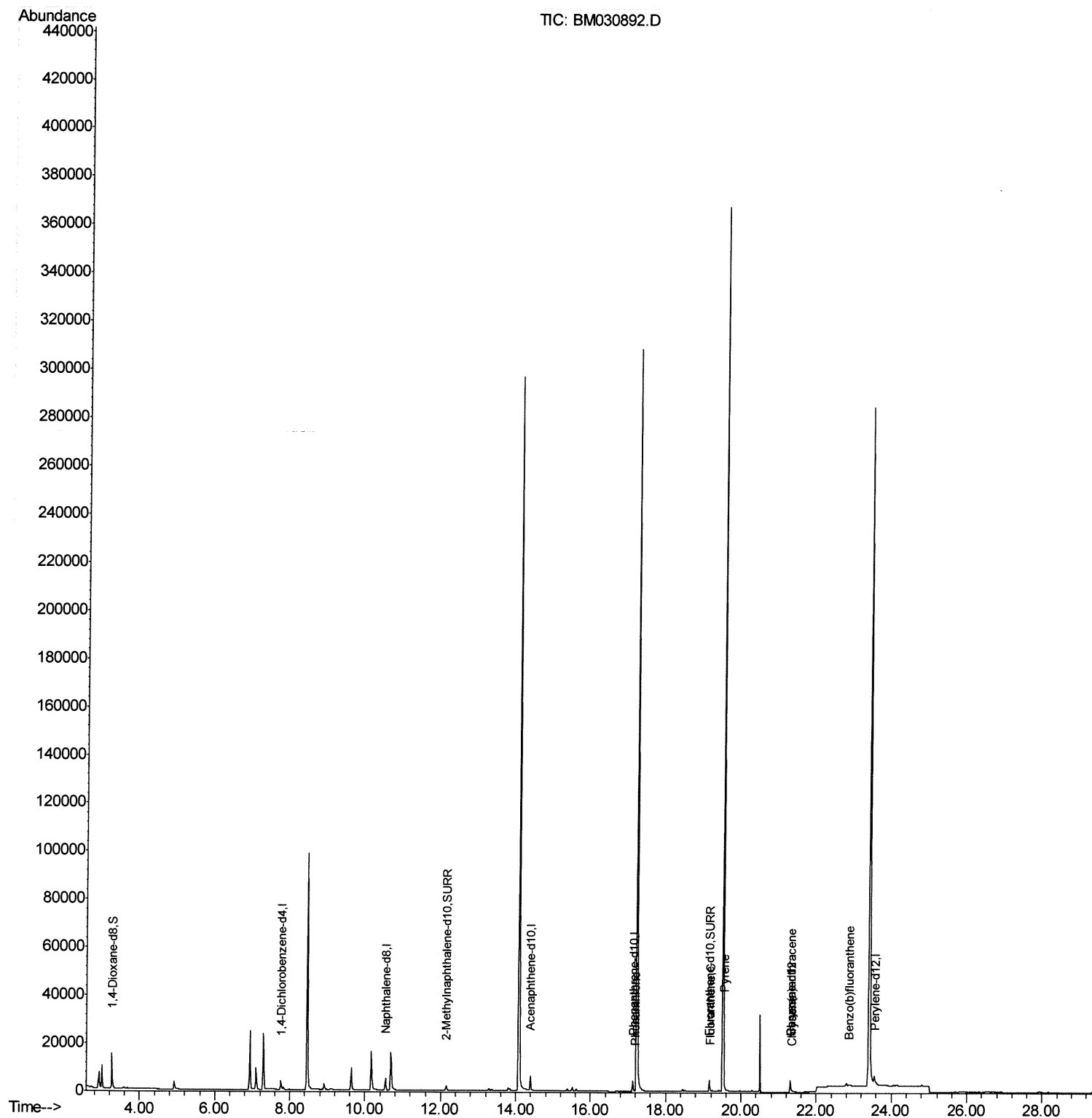
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
Data File : BM030892.D  
Acq On : 08 Jul 2021 19:37  
Operator : CG/JU  
Sample : M2825-08  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDR2

Manual Integrations  
APPROVED

mohammad  
7/9/2021 2:48:18 PM

Quant Time: Jul 09 03:04:34 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 : Fri Jul 09 02:52:26 2021  
Response via : Initial Calibration



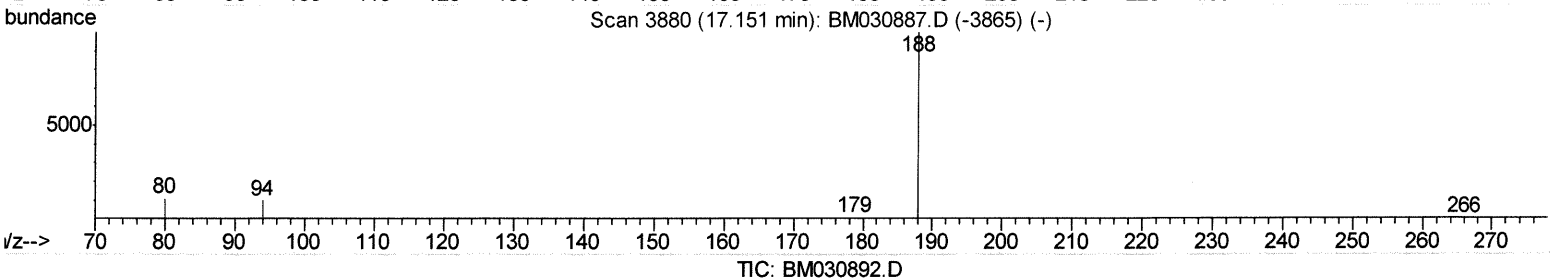
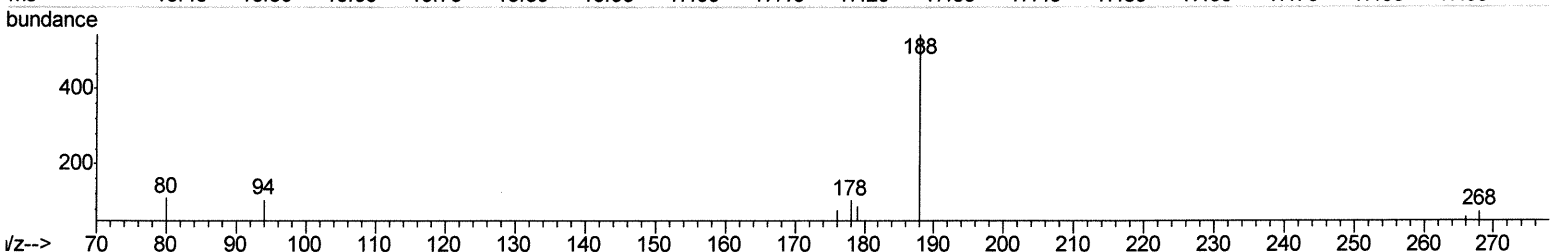
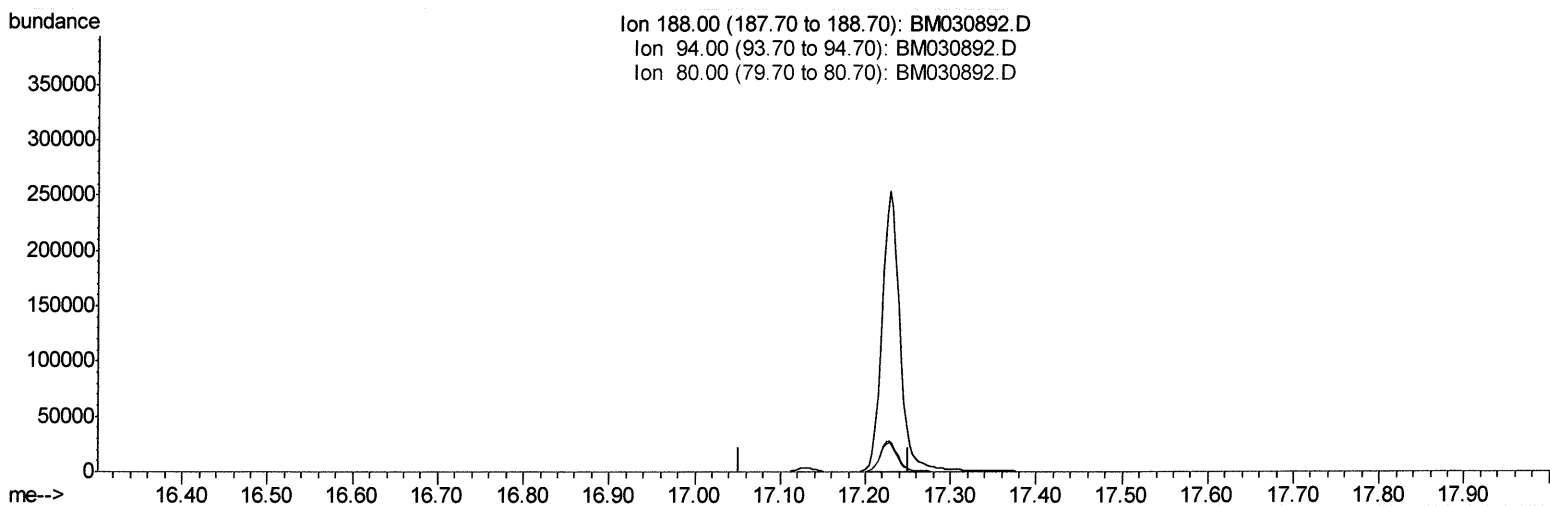
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(13) Phenanthrene-d10 (I)

17.152min (-17.152) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 10.30 | 0.00# |
| 80.00  | 11.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

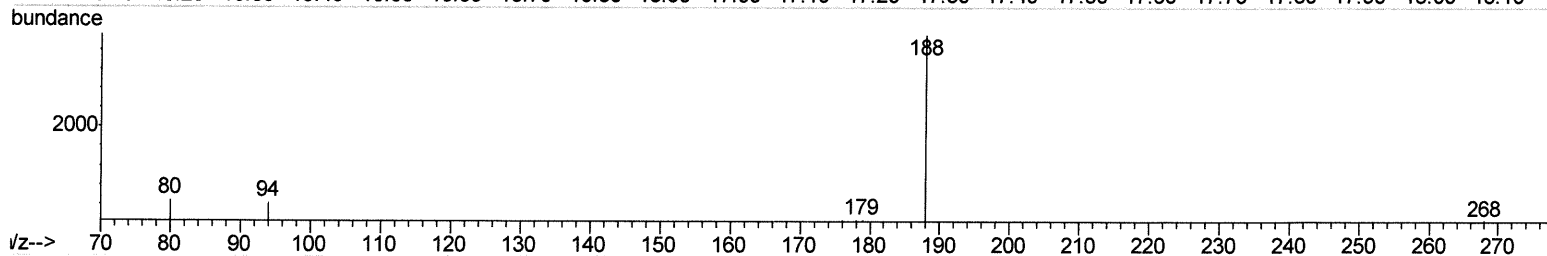
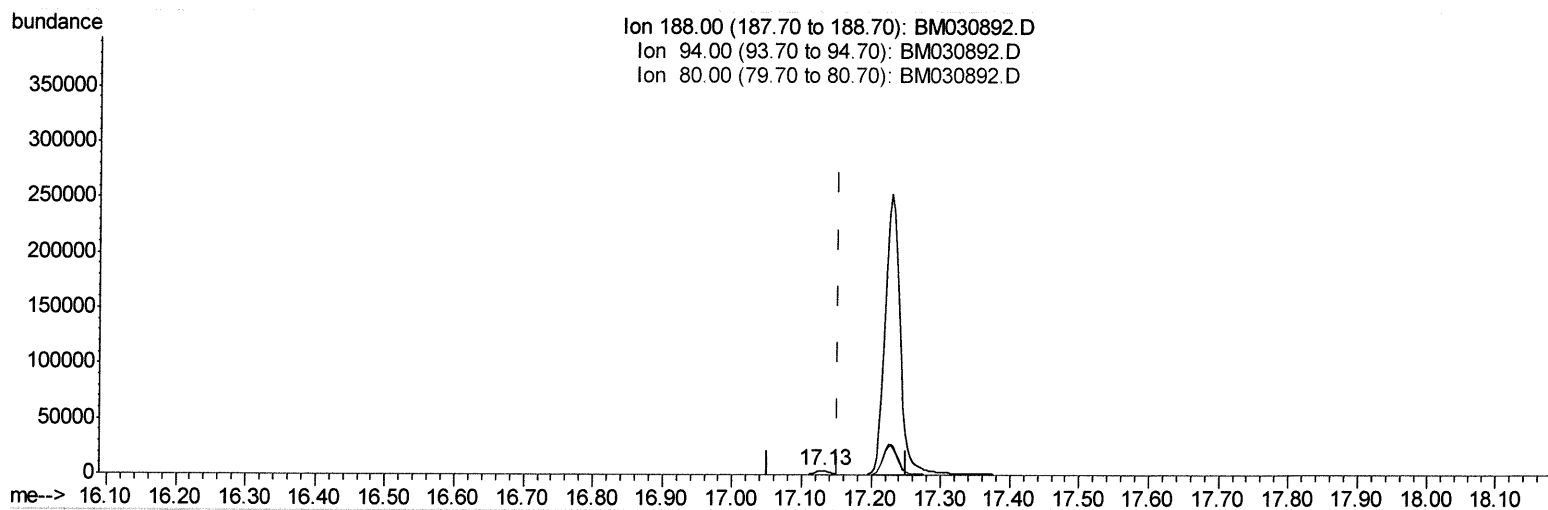
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Instrument :  
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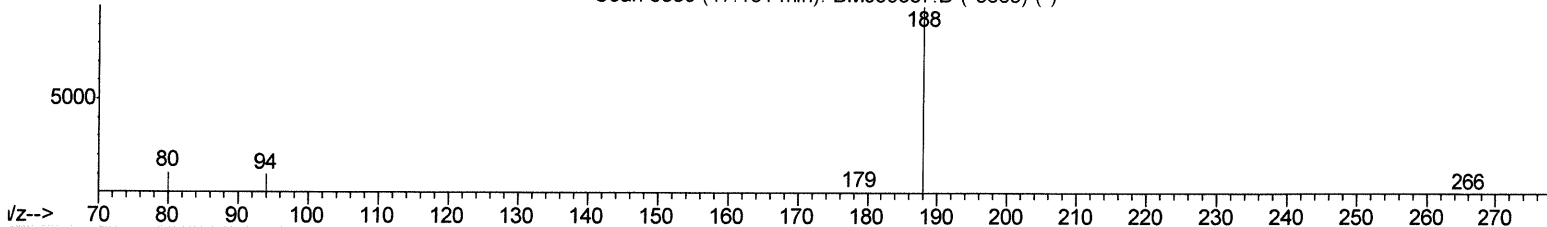
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Scan 3880 (17.151 min): BM030887.D (-3865) (-)



TIC: BM030892.D

(13) Phenanthrene-d10 (I)

17.131min (-0.021) 0.40ng/ul m 07/12/21 JU

response 5854

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.30 | 10.77 |
| 80.00  | 11.60 | 12.25 |
| 0.00   | 0.00  | 0.00  |

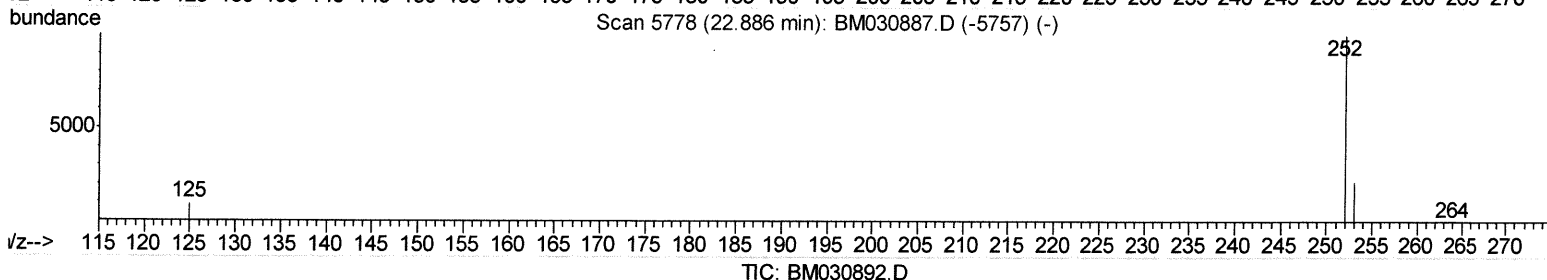
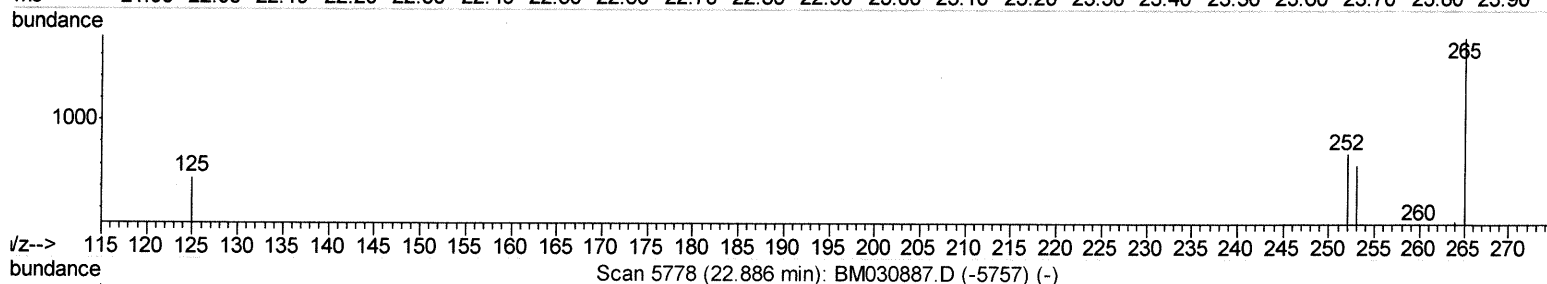
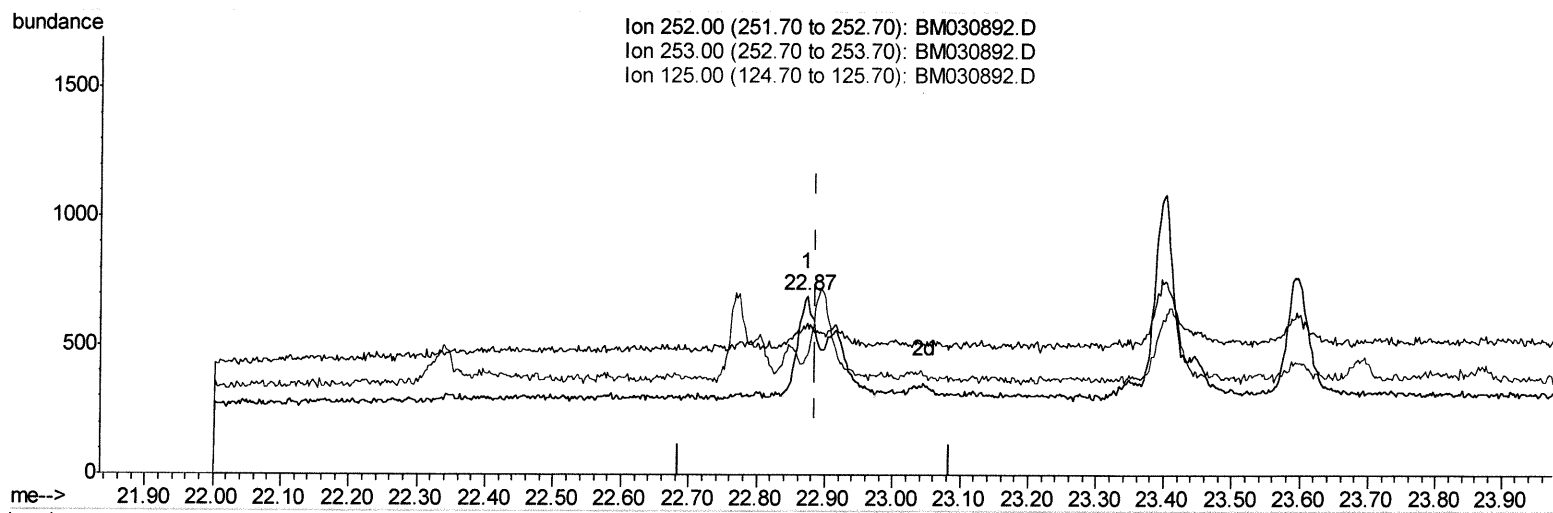
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
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 Operator : CG/JU  
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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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Quant Time: Jul 09 03:01:09 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 : Fri Jul 09 02:52:26 2021  
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.873min (-0.012) 0.05ng/ul

response 1314

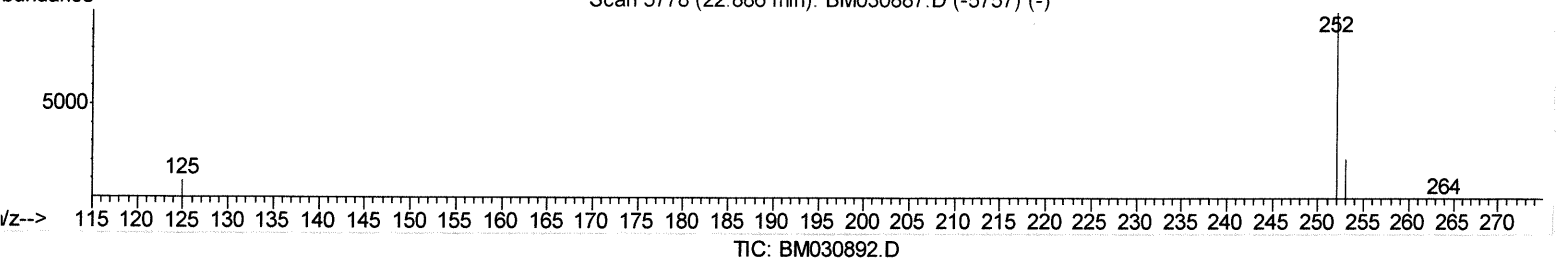
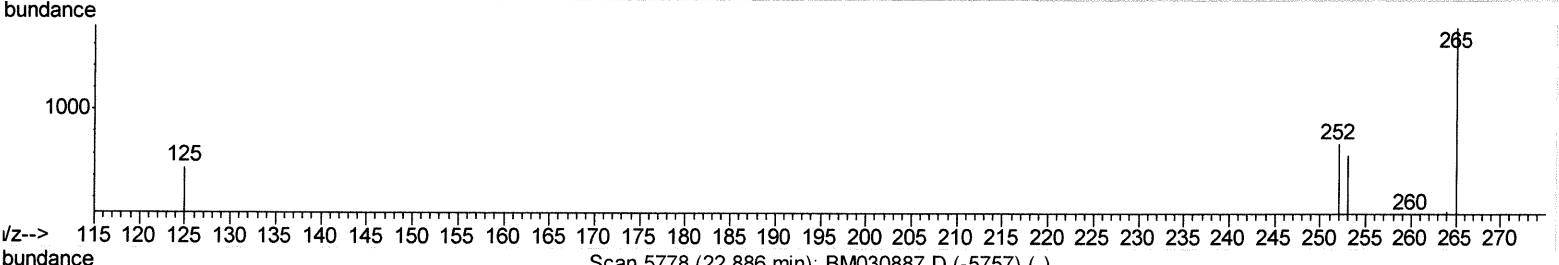
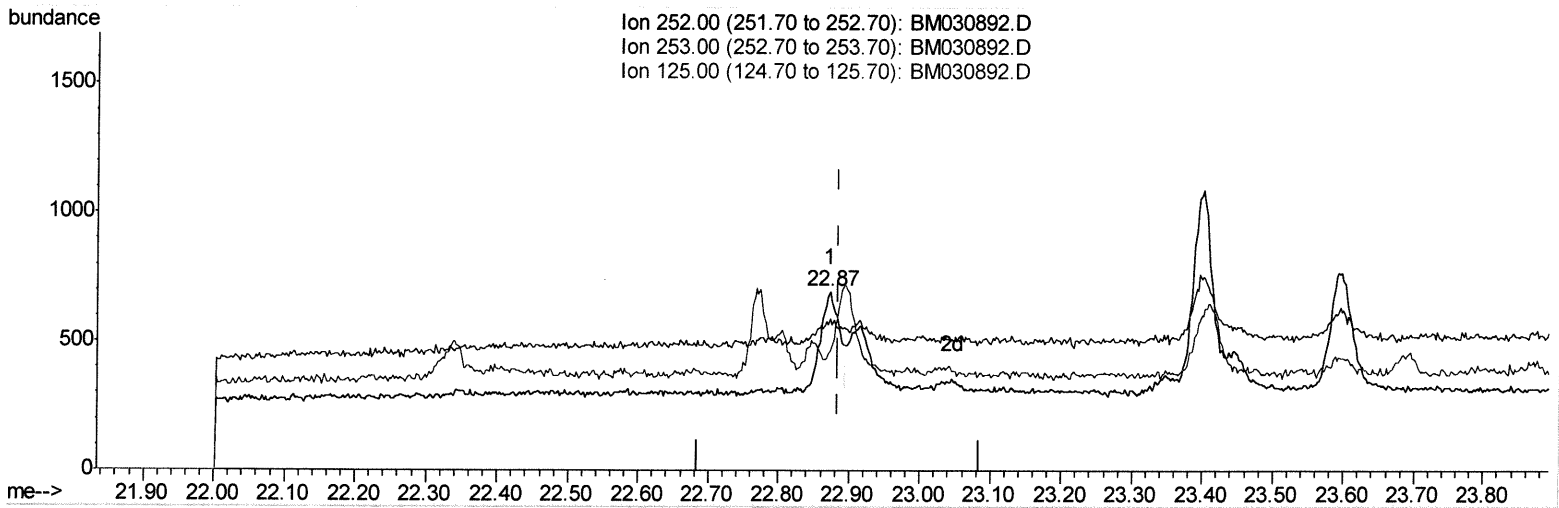
| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 84.89# |
| 125.00 | 13.90 | 67.19# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
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 Sample : M2825-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual Integrations  
 APPROVED  
 mohammad  
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Quant Time: Jul 09 03:01:09 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 : Fri Jul 09 02:52:26 2021  
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene  
 22.873min (-0.012) 0.03ng/ul m 07/12/21 JU

response 739

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 84.89# |
| 125.00 | 13.90 | 67.19# |
| 0.00   | 0.00  | 0.00   |

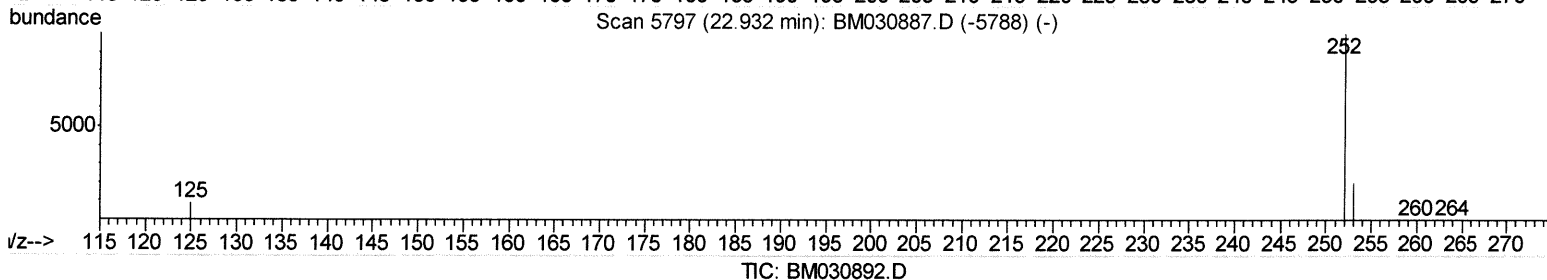
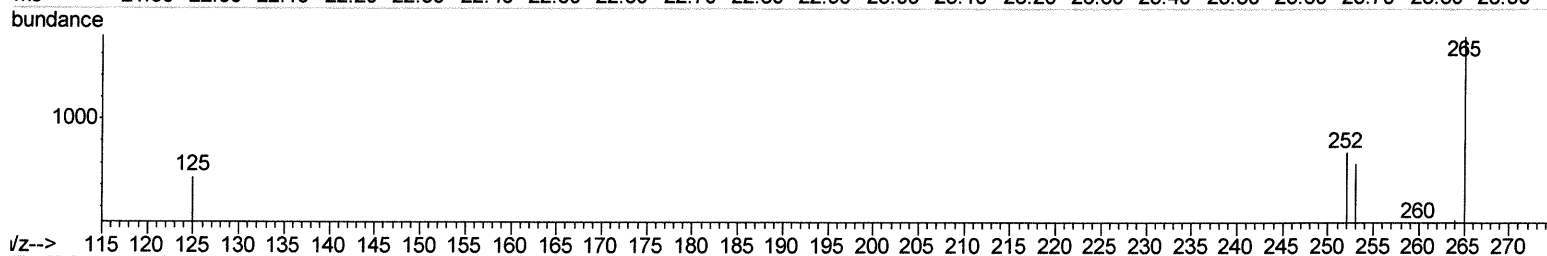
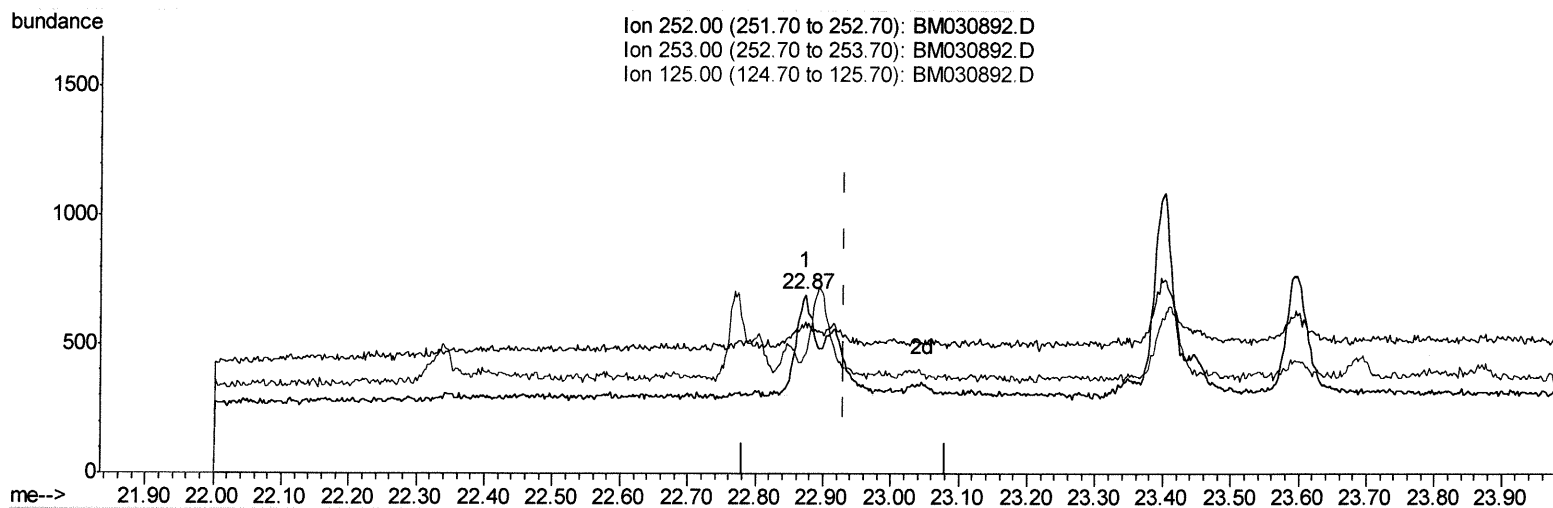
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
 Data File : BM030892.D  
 Acq On : 08 Jul 2021 19:37  
 Operator : CG/JU  
 Sample : M2825-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDR2

Manual Integrations  
 APPROVED

mohammad  
 7/9/2021 2:48:18 PM

Quant Time: Jul 09 03:02:40 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 : Fri Jul 09 02:52:26 2021  
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.873min (-0.058) 0.04ng/ul

response 1314

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.80 | 84.89# |
| 125.00 | 13.70 | 67.19# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\  
 Data File : BM030892.D  
 Acq On : 08 Jul 2021 19:37  
 Operator : CG/JU  
 Sample : M2825-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDR2

Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|--------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.76  | 152  | 1873     | 0.40  | ng/ul  | 0.00        |
| 4) Naphthalene-d8           | 10.55 | 136  | 6829     | 0.40  | ng/ul  | -0.01       |
| 9) Acenaphthene-d10         | 14.39 | 164  | 3510     | 0.40  | ng/ul  | -0.01       |
| 13) Phenanthrene-d10        | 17.13 | 188  | 5854m>   | 0.40  | ng/ul> | -0.02       |
| 17) Chrysene-d12            | 21.31 | 240  | 4822     | 0.40  | ng/ul  | 0.00        |
| 23) Perylene-d12            | 23.55 | 264  | 6508     | 0.40  | ng/ul  | -0.02       |
| System Monitoring Compounds |       |      |          |       |        |             |
| 3) 1,4-Dioxane-d8           | 3.26  | 96   | 9084     | 4.45  | ng/ul  | -0.01       |
| 6) 2-Methylnaphthalene-d10  | 12.15 | 152  | 3518     | 0.33  | ng/ul  | 0.00        |
| 18) Fluoranthene-d10        | 19.15 | 212  | 5408     | 0.39  | ng/ul  | -0.02       |
| Target Compounds            |       |      |          |       |        |             |
| 15) Phenanthrene            | 17.17 | 178  | 478      | 0.024 | ng/ul# | 66          |
| 19) Fluoranthene            | 19.19 | 202  | 545      | 0.026 | ng/ul# | 61          |
| 20) Pyrene                  | 19.55 | 202  | 458      | 0.021 | ng/ul# | 36          |
| 21) Benzo(a)anthracene      | 21.30 | 228  | 436      | 0.023 | ng/ul# | 66          |
| 22) Chrysene                | 21.35 | 228  | 514      | 0.024 | ng/ul# | 75          |
| 24) Benzo(b)fluoranthene    | 22.87 | 252  | 739m>    | 0.026 | ng/ul> | 07/12/21 JU |

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