

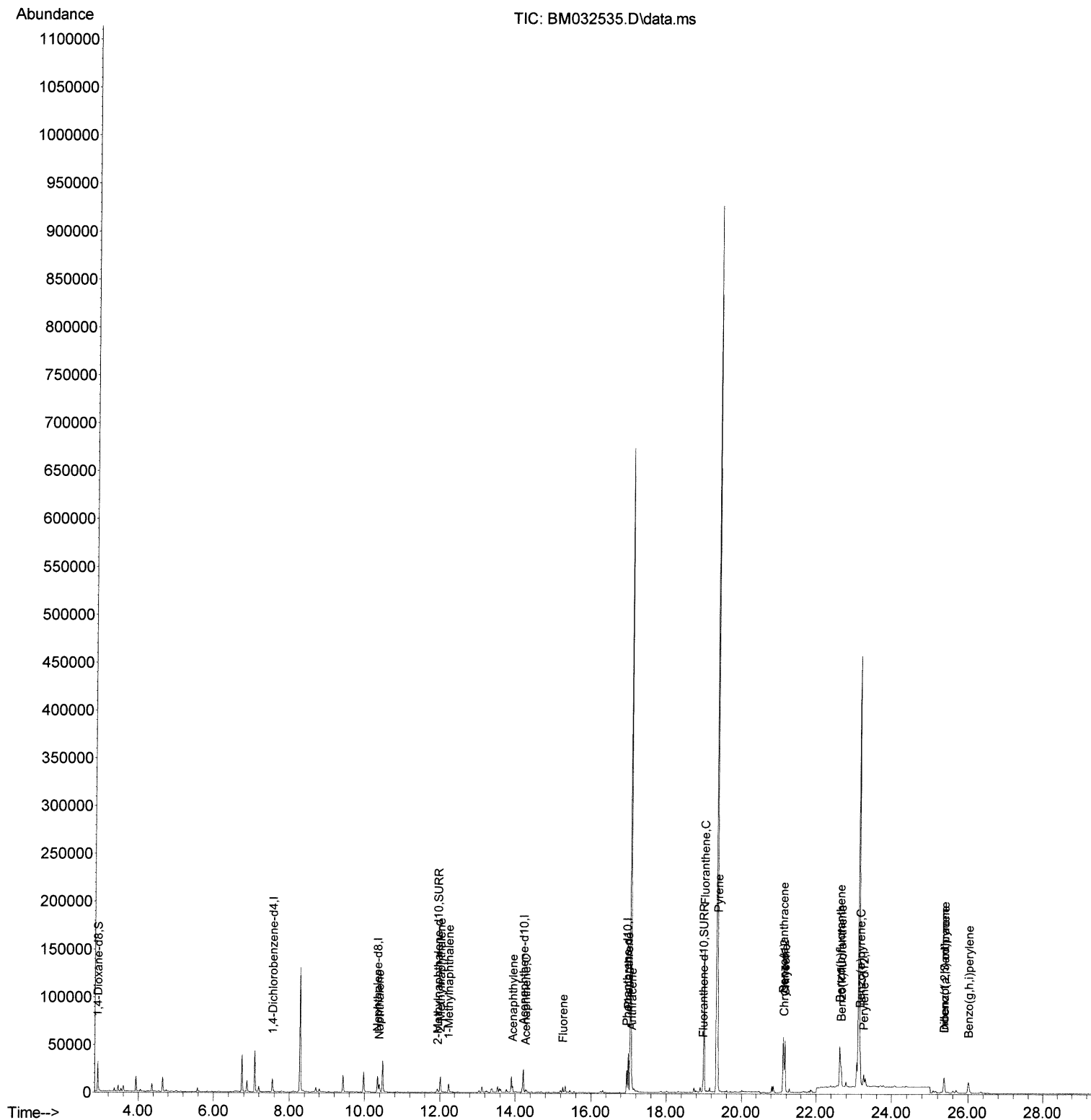
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101521\  
Data File : BM032535.D  
Acq On : 15 Oct 2021 20:51  
Operator : CG/JU  
Sample : M4029-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C00R5

Manual Integrations  
APPROVED

mohammad  
10/18/2021 12:41:53 PM

Quant Time: Oct 18 04:09:31 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 15 12:37:00 2021  
Response via : Initial Calibration



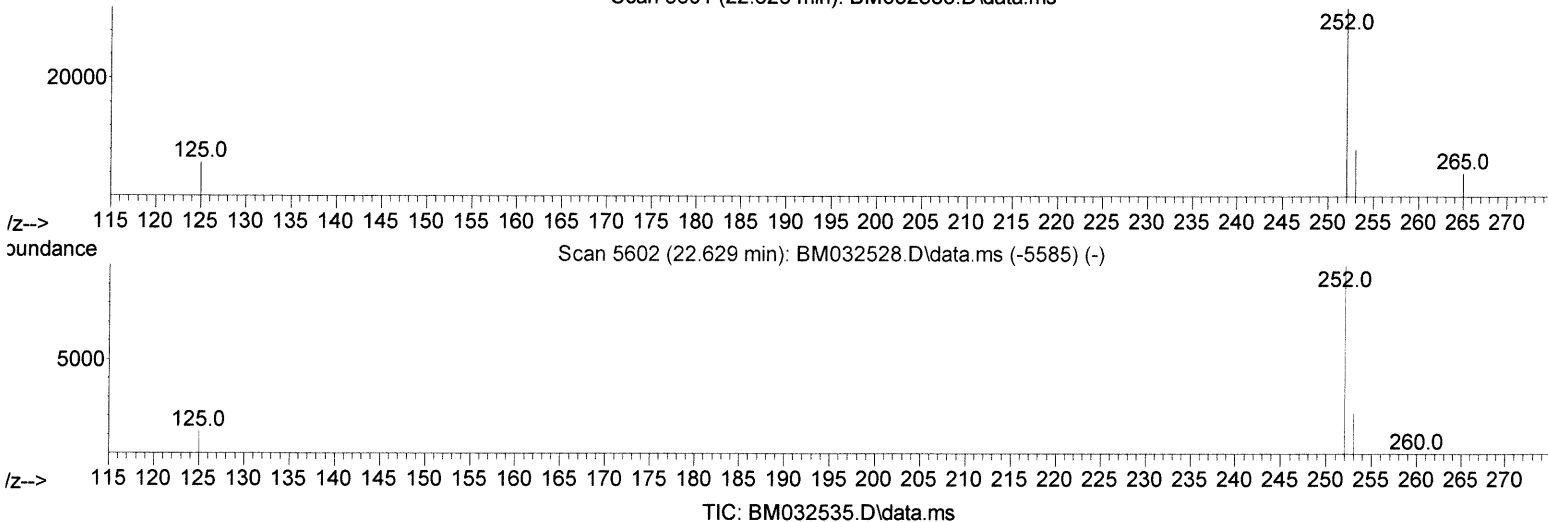
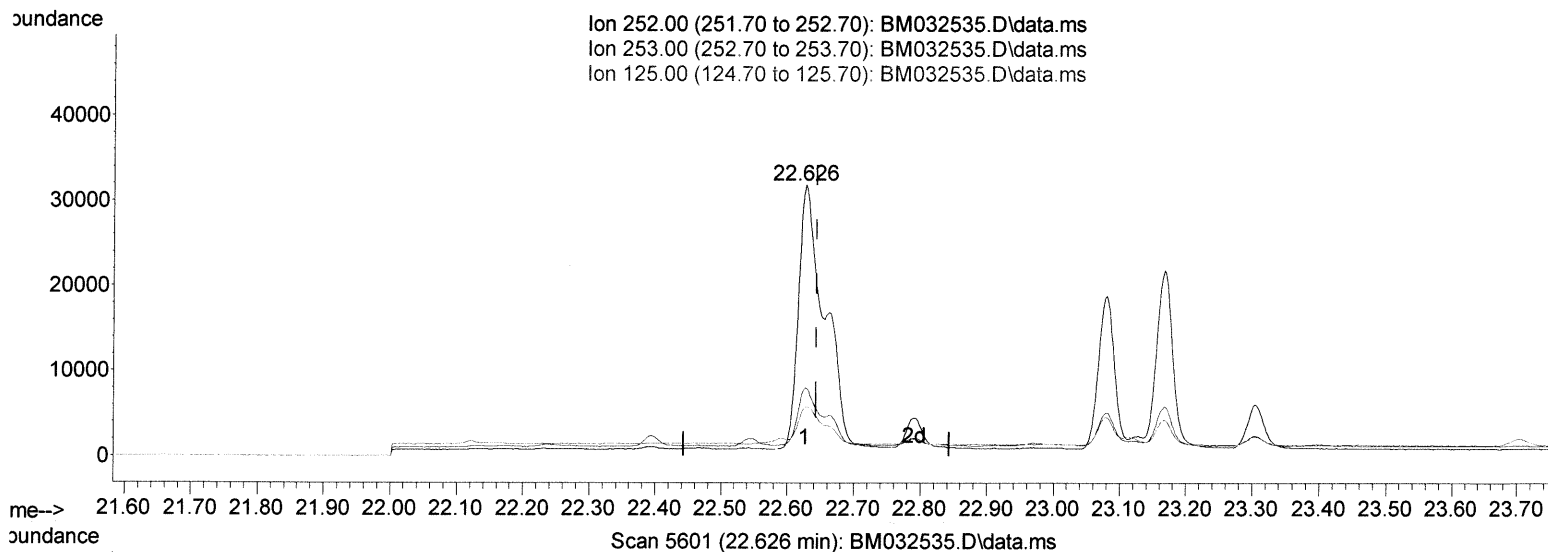
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(24) Benzo(b)fluoranthene

22.626min (-0.017) 1.27 ng/ul

response 84690

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 25.17  |
| 125.00 | 17.80  | 18.03  |
| 0.00   | 0.00   | 0.00   |

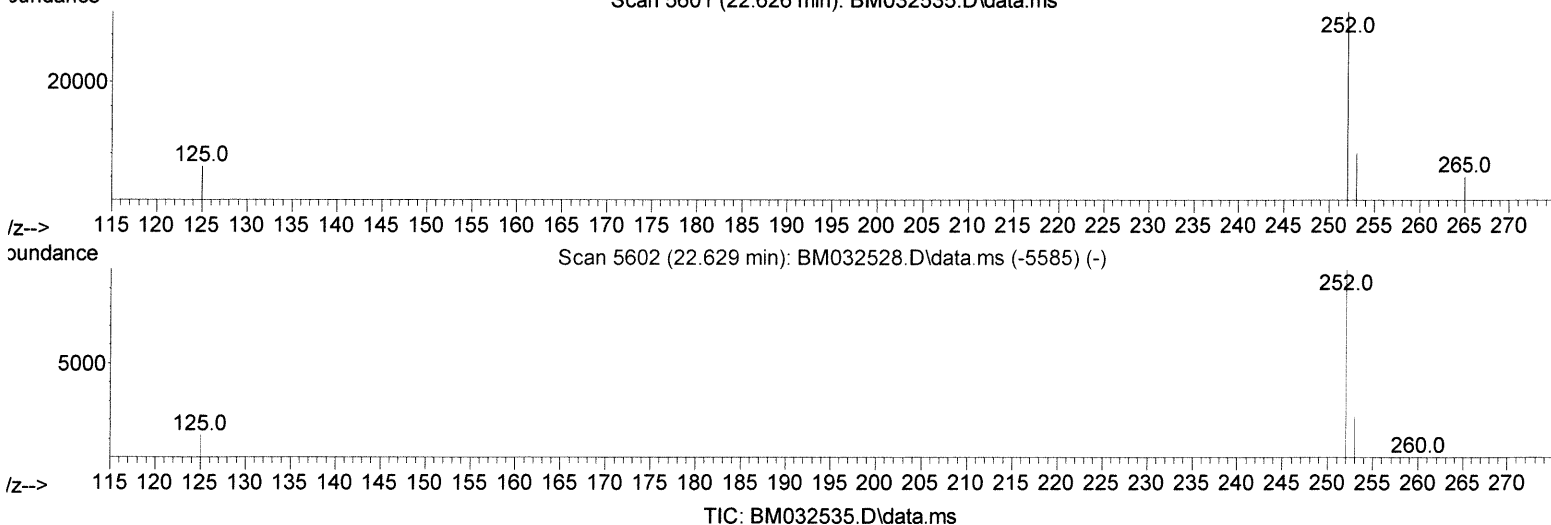
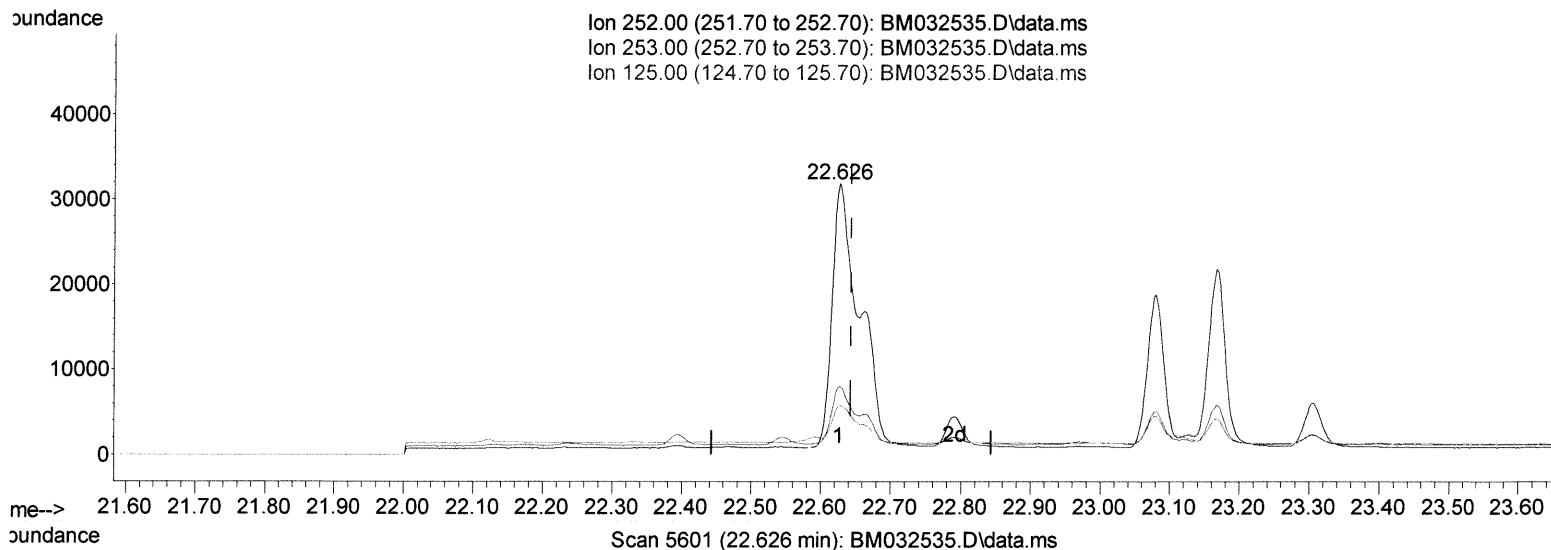
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(24) Benzo(b)fluoranthene

22.626min (-0.017) 0.94 ng/ul m

response 62586

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 25.17  |
| 125.00 | 17.80  | 18.03  |
| 0.00   | 0.00   | 0.00   |

340/19/21

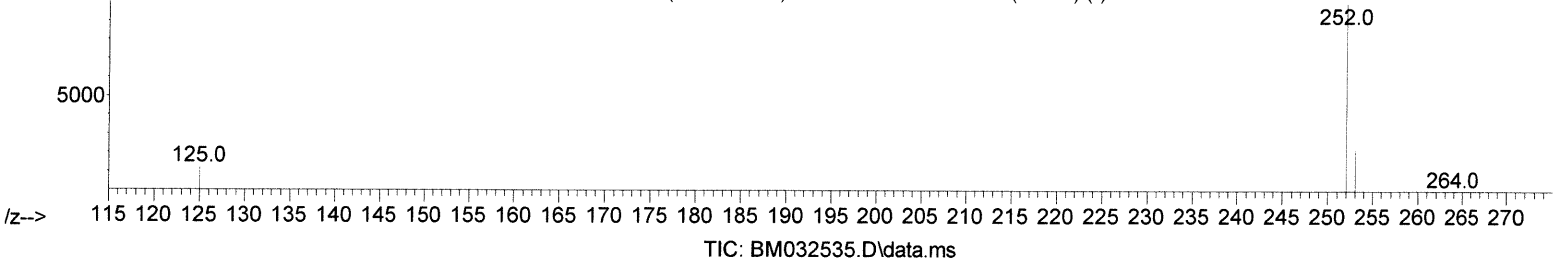
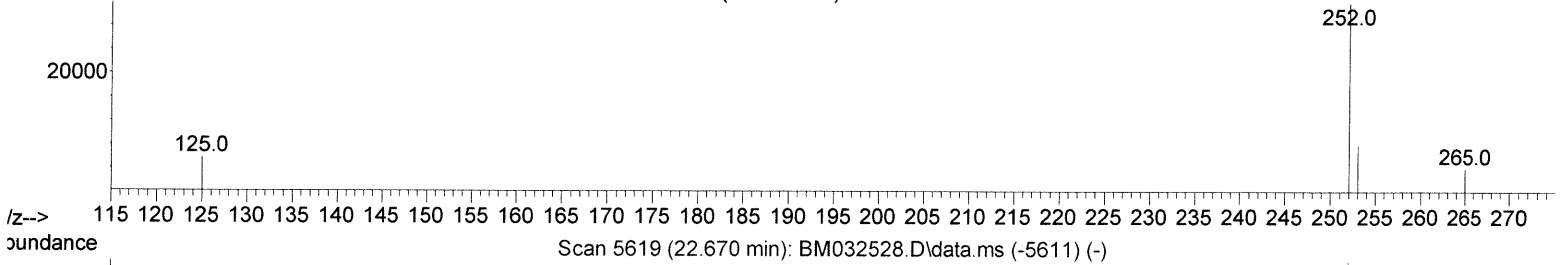
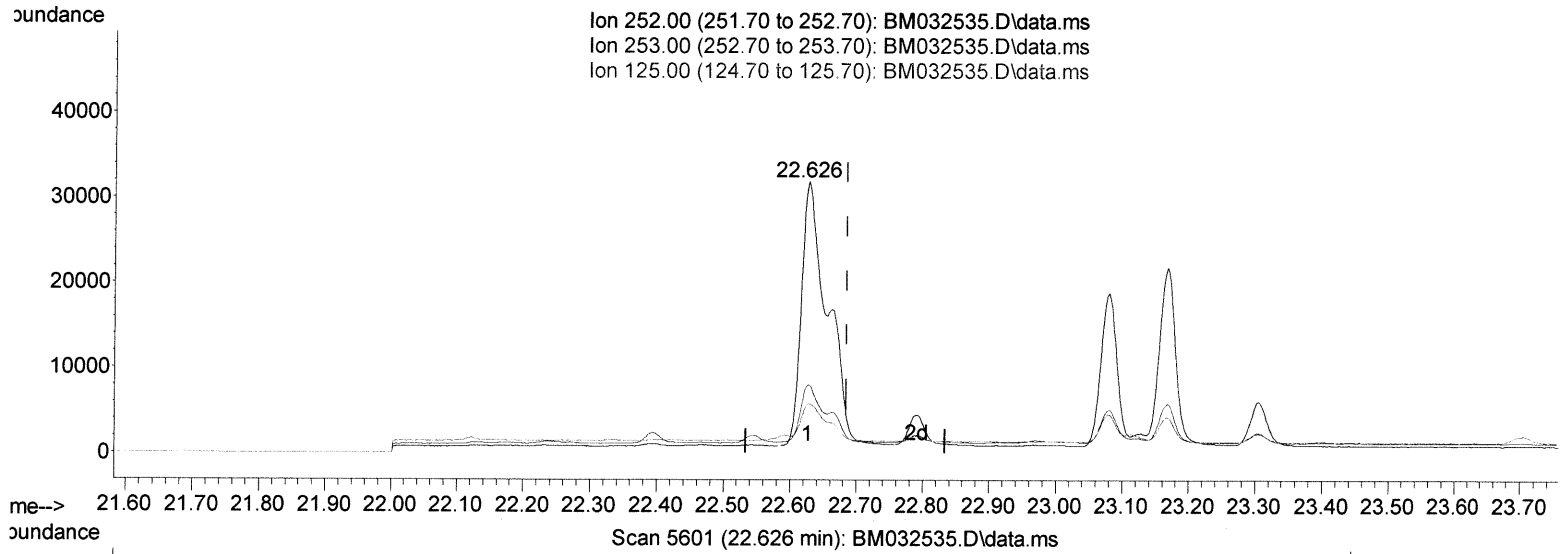
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(25) Benzo(k)fluoranthene

22.626min (-0.058) 1.27 ng/ul

|          |        |        |
|----------|--------|--------|
| response | 84690  |        |
| Ion      | Exp%   | Act%   |
| 252.00   | 100.00 | 100.00 |
| 253.00   | 27.20  | 25.17  |
| 125.00   | 18.00  | 18.03  |
| 0.00     | 0.00   | 0.00   |

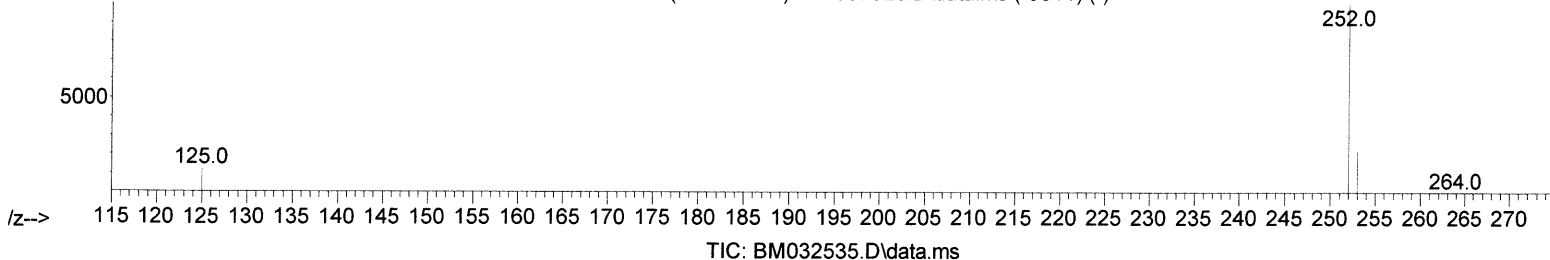
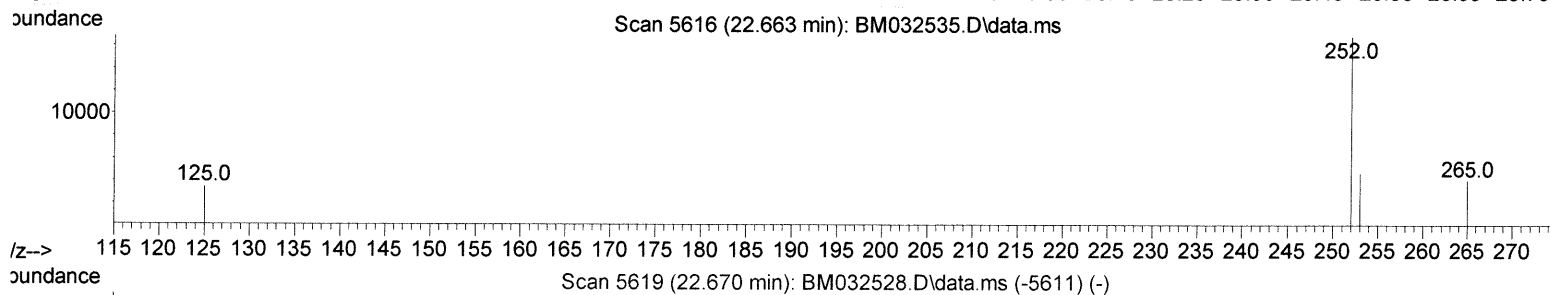
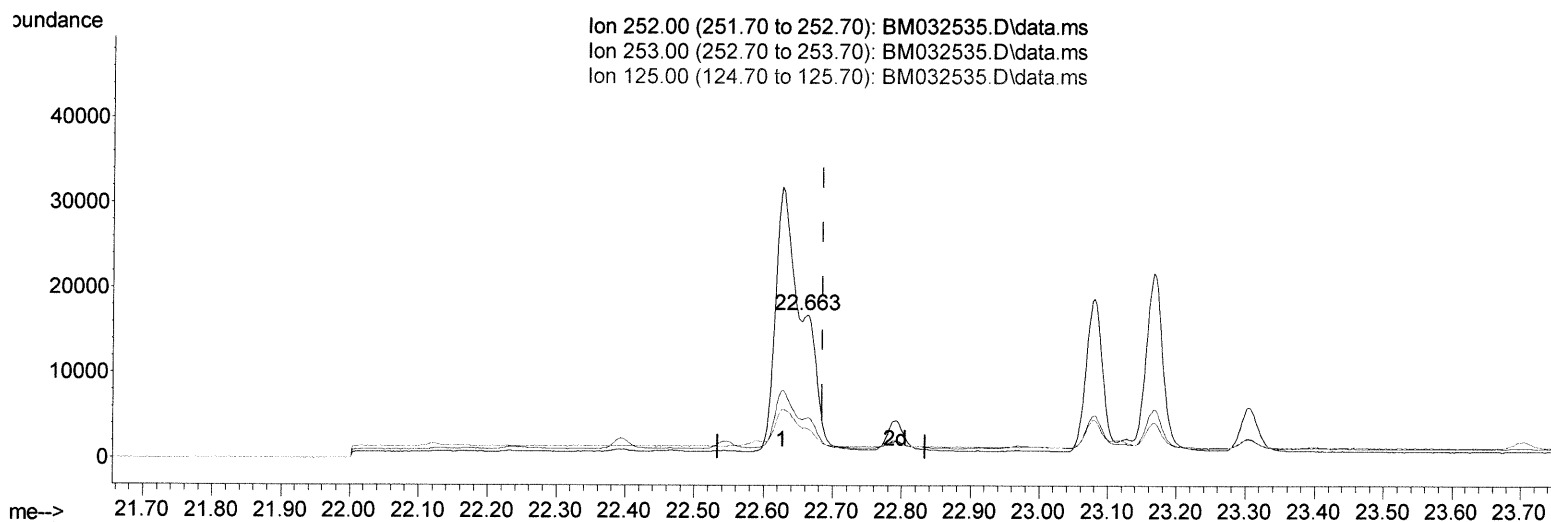
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(25) Benzo(k)fluoranthene

22.663min (-0.022) 0.33 ng/ul m

response 21724

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.20  | 28.20  |
| 125.00 | 18.00  | 20.80  |
| 0.00   | 0.00   | 0.00   |

390/19/21

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 Sample : M4029-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.556  | 152  | 7126     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.339 | 136  | 23256    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.213 | 164  | 12638    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.949 | 188  | 25305    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.125 | 240  | 18207    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.261 | 264  | 14470    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.920  | 96   | 18815    | 2.356 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.936 | 152  | 4738     | 0.153 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.973 | 212  | 10568    | 0.184 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.388 | 128  | 11898    | 0.169 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.012 | 142  | 12797    | 0.277 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.232 | 142  | 6115     | 0.134 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.932 | 152  | 6665     | 0.124 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.274 | 153  | 1951     | 0.040 | ng/ul  | 98       |
| 12) Fluorene                | 15.259 | 166  | 3758     | 0.068 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.988 | 178  | 41589    | 0.489 | ng/ul  | 99       |
| 16) Anthracene              | 17.078 | 178  | 5974     | 0.080 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.004 | 202  | 118165   | 1.312 | ng/ul  | 100      |
| 20) Pyrene                  | 19.366 | 202  | 102912   | 1.111 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.108 | 228  | 43862    | 0.616 | ng/ul  | 98       |
| 22) Chrysene                | 21.159 | 228  | 56208    | 0.718 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.626 | 252  | 62586m   | 0.936 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.663 | 252  | 21724m   | 0.326 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.167 | 252  | 35354    | 0.631 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.364 | 276  | 23662    | 0.345 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.364 | 278  | 5664     | 0.105 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 26.006 | 276  | 22056    | 0.369 | ng/ul  | 99       |

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