

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062322\  
 Data File : BM035625.D  
 Acq On : 23 Jun 2022 14:51  
 Operator : CG/JU  
 Sample : N3358-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW4S8

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022  
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 24 01:35:37 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM061822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 01:56:13 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.821  | 152  | 5618     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.600 | 136  | 20169    | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.446 | 164  | 11018m   | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.195 | 188  | 19602    | 0.400 | ng/ul  | #-0.03   |
| 17) Chrysene-d12            | 21.392 | 240  | 14880    | 0.400 | ng/ul  | #-0.02   |
| 23) Perylene-d12            | 23.724 | 264  | 18485    | 0.400 | ng/ul  | #-0.04   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.264  | 96   | 29475    | 3.729 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.211 | 152  | 11570    | 0.386 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.229 | 212  | 19253    | 0.385 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.302  | 88   | 2825     | 0.359 | ng/ul# | 11       |
| 11) Acenaphthene            | 14.510 | 153  | 1404     | 0.031 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.237 | 178  | 1960     | 0.027 | ng/ul# | 55       |
| 19) Fluoranthene            | 19.266 | 202  | 1967     | 0.026 | ng/ul# | 1        |
| 21) Benzo(a)anthracene      | 21.380 | 228  | 1383     | 0.025 | ng/ul# | 31       |
| 22) Chrysene                | 21.430 | 228  | 1397     | 0.021 | ng/ul# | 33       |
| -----                       |        |      |          |       |        |          |

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

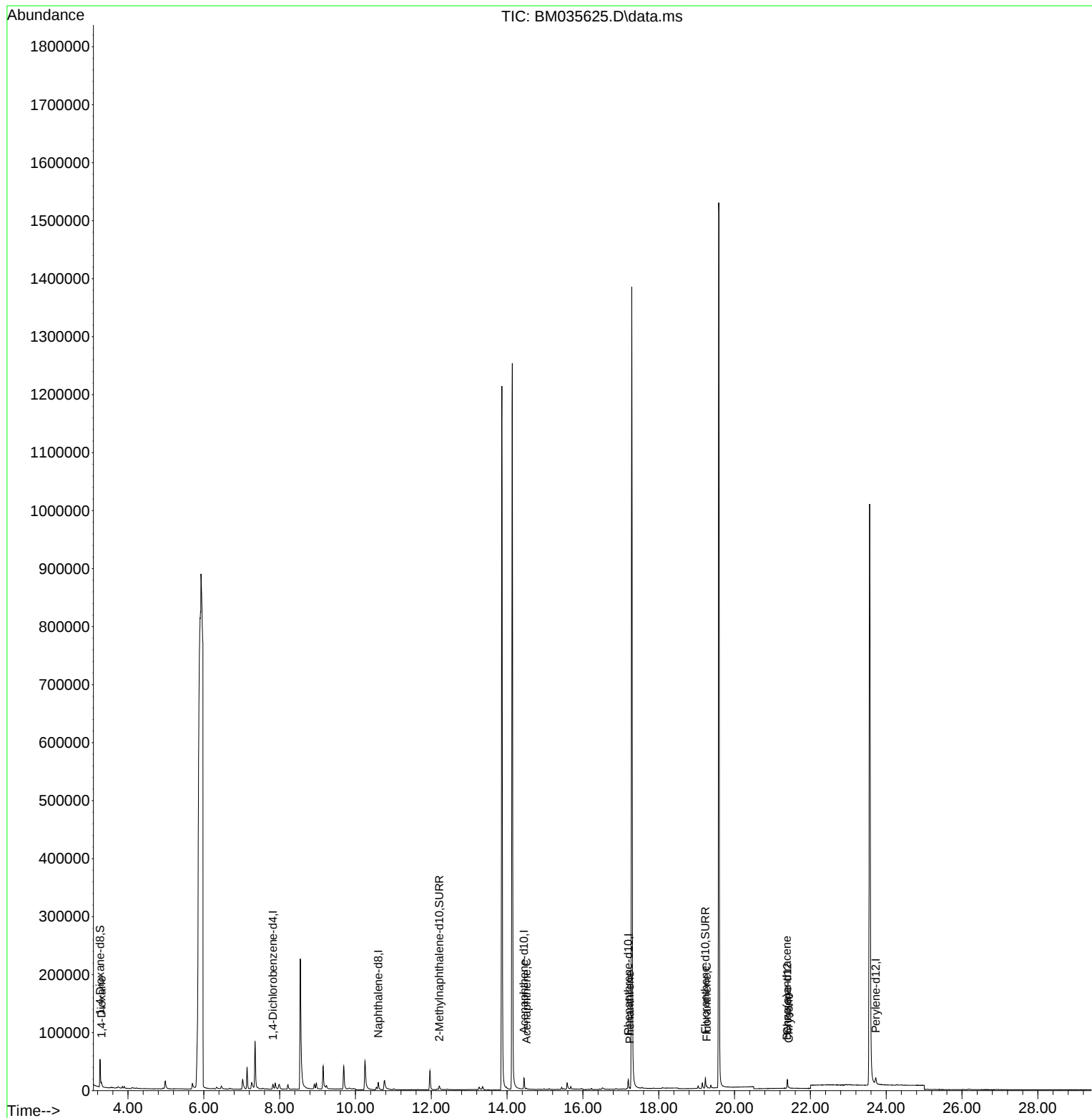
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062322\  
Data File : BM035625.D  
Acq On : 23 Jun 2022 14:51  
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ALS Vial : 8 Sample Multiplier: 1

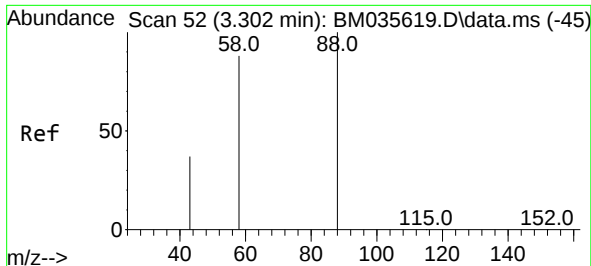
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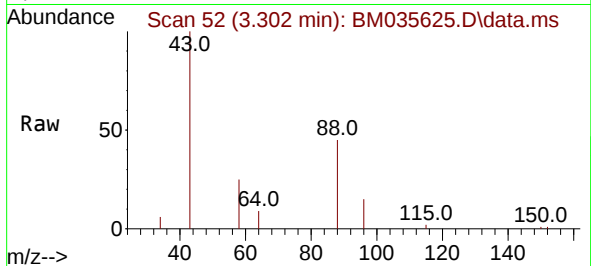
Quant Time: Jun 24 01:35:37 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM061822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 20 01:56:13 2022  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 0.359 ng/ul  
RT: 3.302 min Scan# 51  
Delta R.T. -0.004 min  
Lab File: BM035625.D  
Acq: 23 Jun 2022 14:51

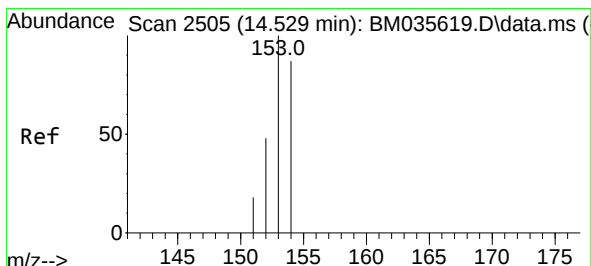
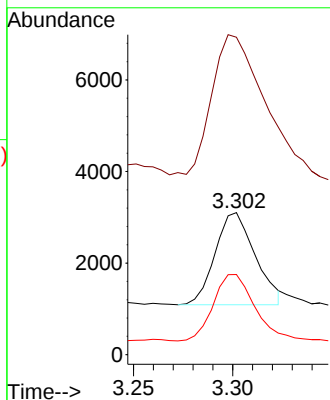
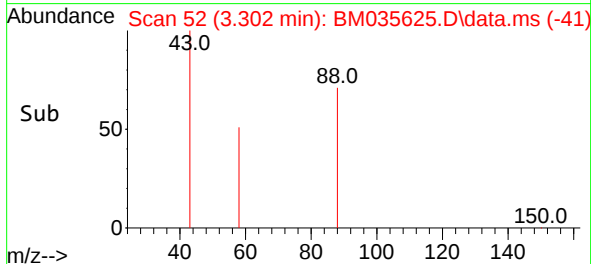
Instrument :  
BNA\_M  
ClientSampleId :  
EW4S8



Tgt Ion: 88 Resp: 282  
Ion Ratio Lower Upper  
88 100  
43 223.4 70.4 105.6  
58 56.4 45.6 68.4

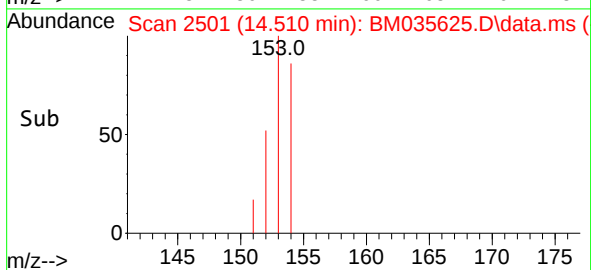
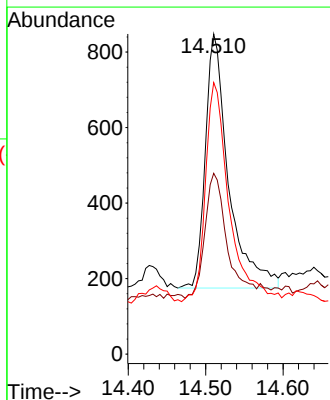
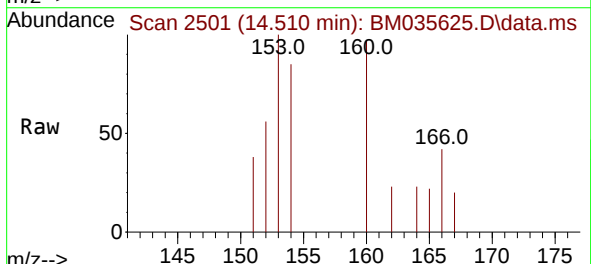
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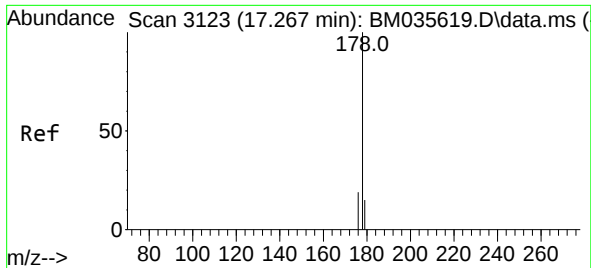
Reviewed By :Jagrut Upadhyay 06/24/2022  
Supervised By :Yogesh Patel 06/28/2022



#11  
Acenaphthene  
Concen: 0.031 ng/ul  
RT: 14.510 min Scan# 2501  
Delta R.T. -0.024 min  
Lab File: BM035625.D  
Acq: 23 Jun 2022 14:51

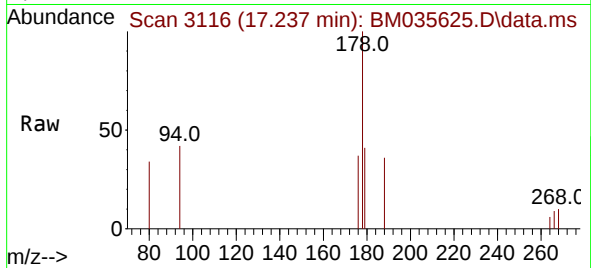
Tgt Ion:153 Resp: 1404  
Ion Ratio Lower Upper  
153 100  
152 56.5 40.0 60.0  
154 84.8 69.1 103.7





#15  
Phenanthrene  
Concen: 0.027 ng/ul  
RT: 17.237 min Scan# 3116  
Delta R.T. -0.035 min  
Lab File: BM035625.D  
Acq: 23 Jun 2022 14:51

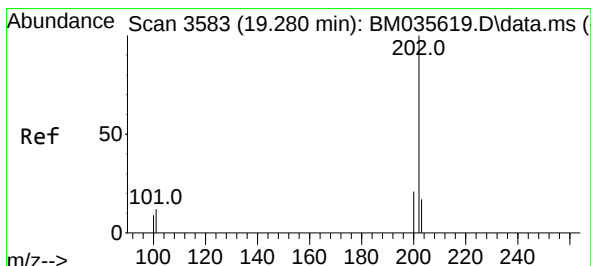
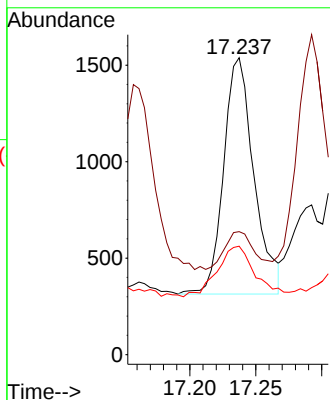
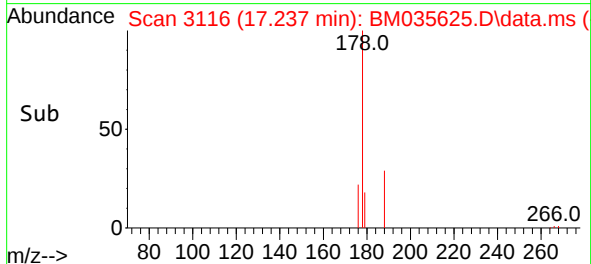
Instrument :  
BNA\_M  
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Tgt Ion:178 Resp: 1960  
Ion Ratio Lower Upper  
178 100  
179 41.4 13.2 19.8#  
176 36.5 16.2 24.4#

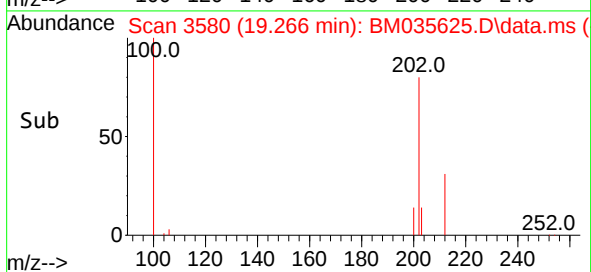
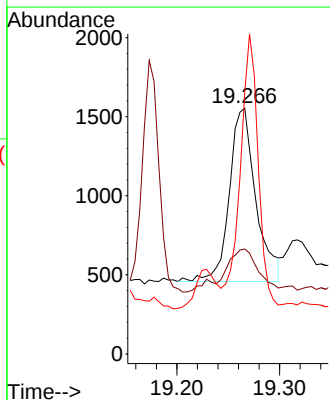
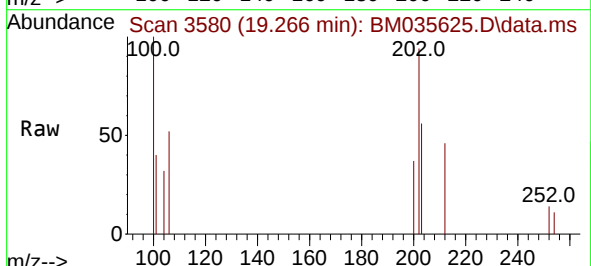
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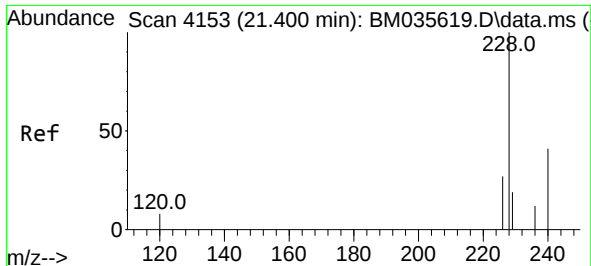
Reviewed By :Jagrut Upadhyay 06/24/2022  
Supervised By :Yogesh Patel 06/28/2022



#19  
Fluoranthene  
Concen: 0.026 ng/ul  
RT: 19.266 min Scan# 3580  
Delta R.T. -0.019 min  
Lab File: BM035625.D  
Acq: 23 Jun 2022 14:51

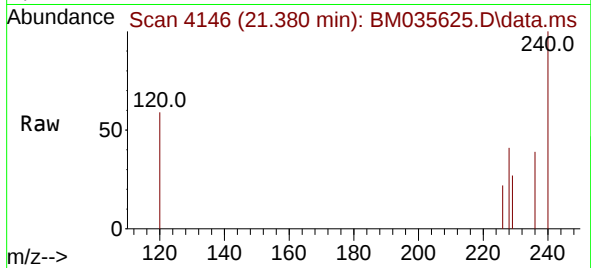
Tgt Ion:202 Resp: 1967  
Ion Ratio Lower Upper  
202 100  
101 42.7 10.0 15.0#  
100 106.5 7.5 11.3#





#21  
Benzo(a)anthracene  
Concen: 0.025 ng/u1  
RT: 21.380 min Scan# 4153  
Delta R.T. -0.019 min  
Lab File: BM035625.D  
Acq: 23 Jun 2022 14:51

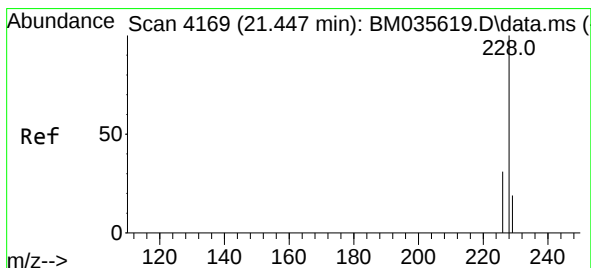
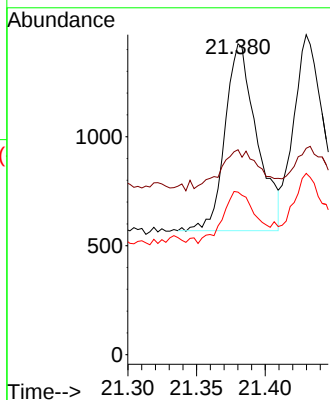
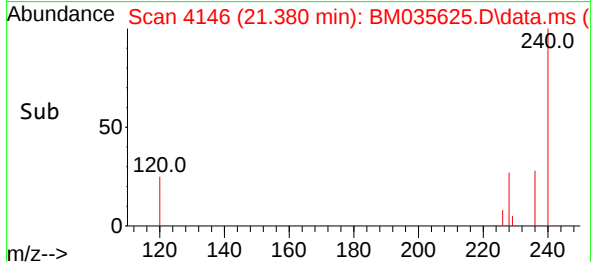
Instrument :  
BNA\_M  
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Tgt Ion:228 Resp: 138  
Ion Ratio Lower Upper  
228 100  
229 65.9 16.2 24.2  
226 52.3 22.3 33.5

Manual Integrations  
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#22  
Chrysene  
Concen: 0.021 ng/u1  
RT: 21.430 min Scan# 4163  
Delta R.T. -0.019 min  
Lab File: BM035625.D  
Acq: 23 Jun 2022 14:51

Tgt Ion:228 Resp: 1397  
Ion Ratio Lower Upper  
228 100  
226 56.7 24.5 36.7#  
229 64.5 15.8 23.8#

