

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051322\  
 Data File : BM035041.D  
 Acq On : 13 May 2022 23:17  
 Operator : CG/JU  
 Sample : N2603-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW490

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 14 00:36:53 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM051222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 12 18:15:39 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.917  | 152  | 2558     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.715 | 136  | 8469     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.552 | 164  | 5841     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.292 | 188  | 12263    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.473 | 240  | 9269     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.856 | 264  | 9543     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.356  | 96   | 19063    | 6.221 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.305 | 152  | 5480     | 0.406 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.317 | 212  | 15929    | 0.501 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.770 | 128  | 811      | 0.029 | ng/ul# | 66       |
| 7) 2-Methylnaphthalene      | 12.382 | 142  | 1070     | 0.058 | ng/ul  | 90       |
| 8) 1-Methylnaphthalene      | 12.596 | 142  | 1072     | 0.063 | ng/ul  | 85       |
| 12) Fluorene                | 15.597 | 166  | 612      | 0.021 | ng/ul# | 63       |
| 15) Phenanthrene            | 17.334 | 178  | 10535    | 0.226 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.349 | 202  | 2370     | 0.046 | ng/ul# | 63       |
| 20) Pyrene                  | 19.712 | 202  | 4885     | 0.092 | ng/ul# | 70       |
| 22) Chrysene                | 21.508 | 228  | 5976m    | 0.134 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.131 | 252  | 1745     | 0.035 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.077 | 276  | 2321     | 0.060 | ng/ul# | 68       |
| -----                       |        |      |          |       |        |          |

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

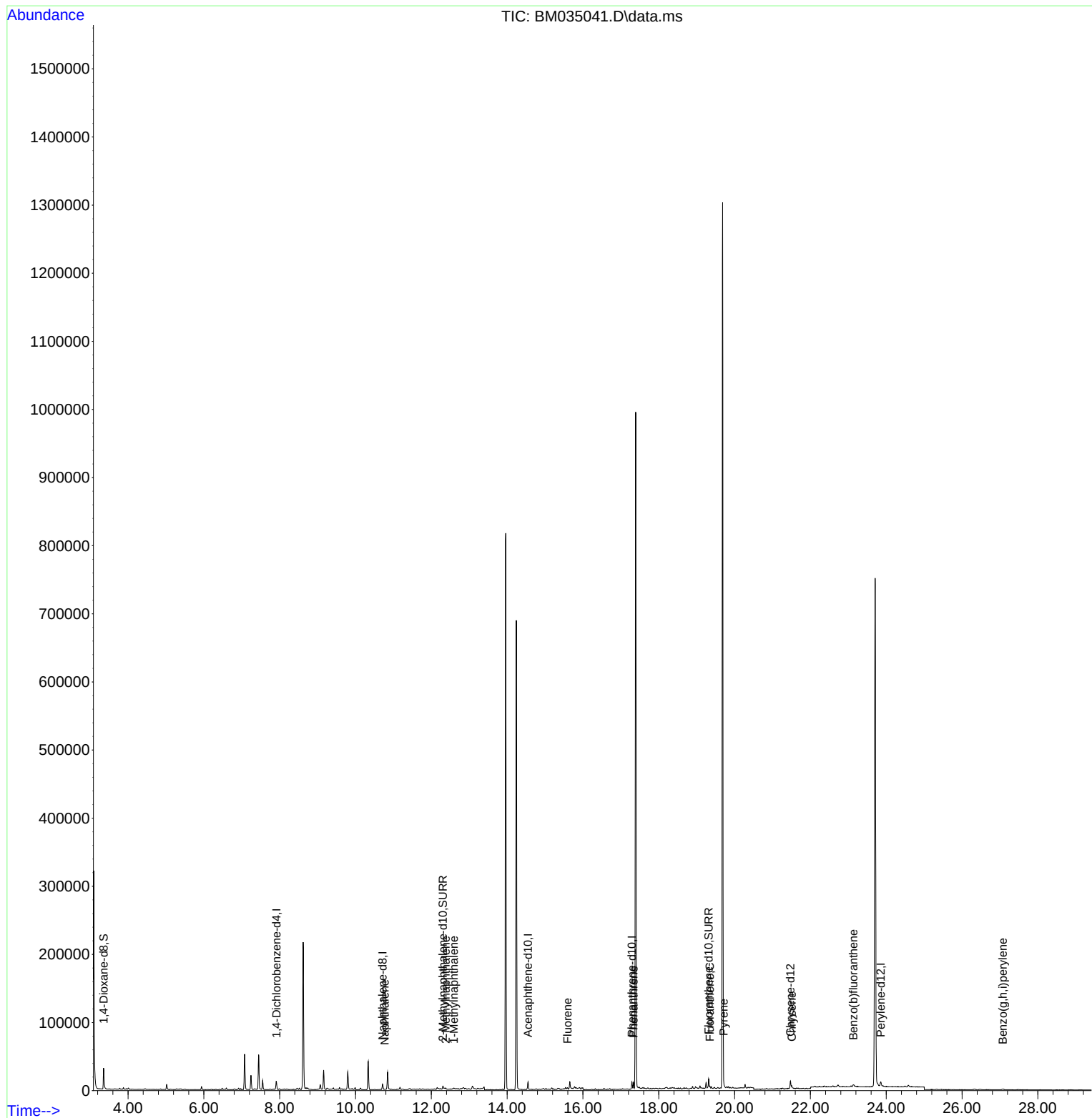
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051322\  
Data File : BM035041.D  
Acq On : 13 May 2022 23:17  
Operator : CG/JU  
Sample : N2603-09  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

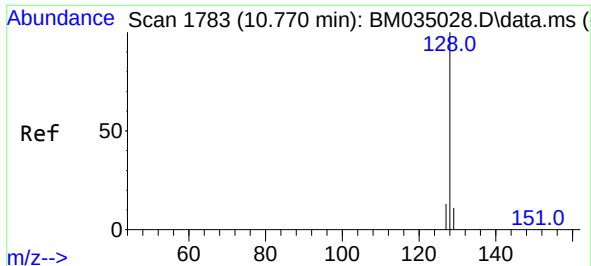
Instrument :  
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Supervised By :Yogesh Patel 05/17/2022

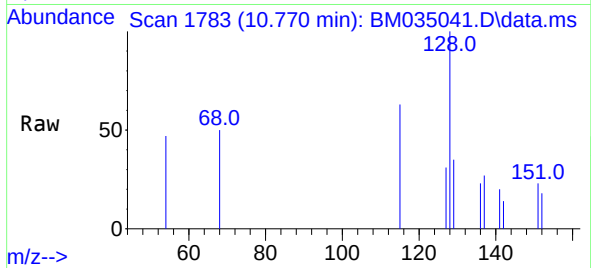
Quant Time: May 14 00:36:53 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM051222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 12 18:15:39 2022  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.029 ng/ul  
RT: 10.770 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17

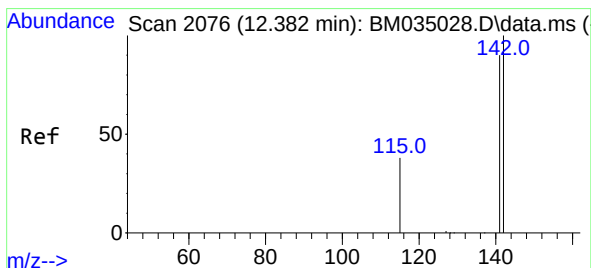
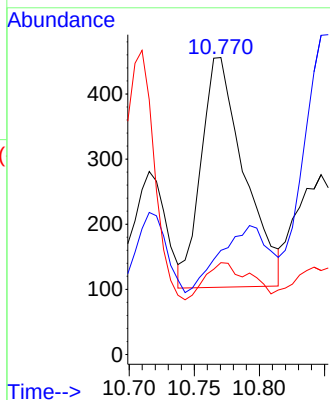
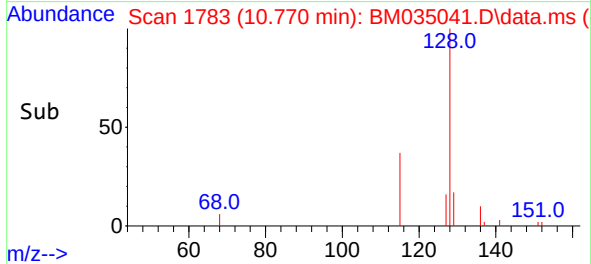
Instrument :  
BNA\_M  
ClientSampleId :  
EW490



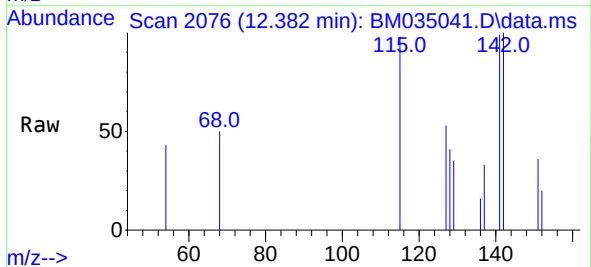
Tgt Ion:128 Resp: 81  
Ion Ratio Lower Upper  
128 100  
129 35.1 13.4 20.2  
127 30.9 15.2 22.8

Manual Integrations  
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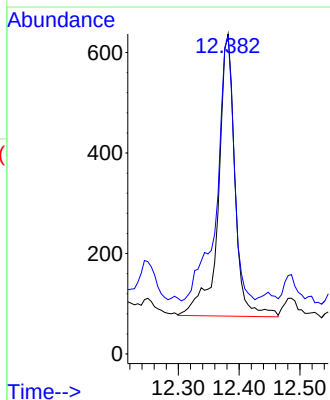
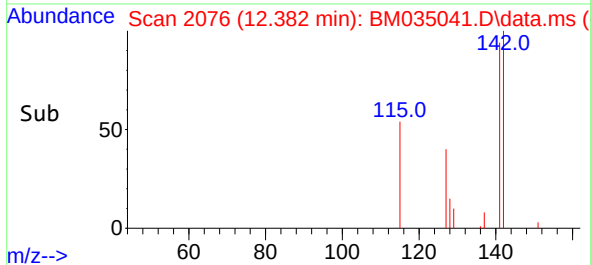
Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022

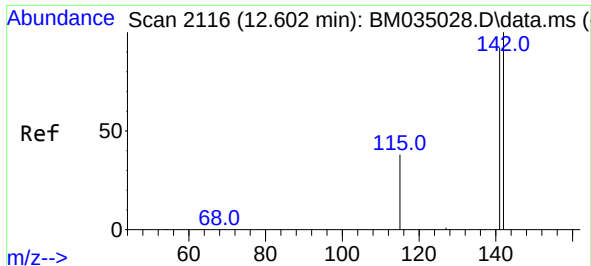


#7  
2-Methylnaphthalene  
Concen: 0.058 ng/ul  
RT: 12.382 min Scan# 2076  
Delta R.T. -0.000 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17



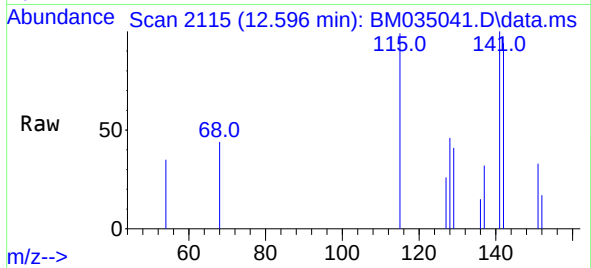
Tgt Ion:142 Resp: 1070  
Ion Ratio Lower Upper  
142 100  
141 98.9 71.8 107.6





#8  
1-Methylnaphthalene  
Concen: 0.063 ng/u1  
RT: 12.596 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17

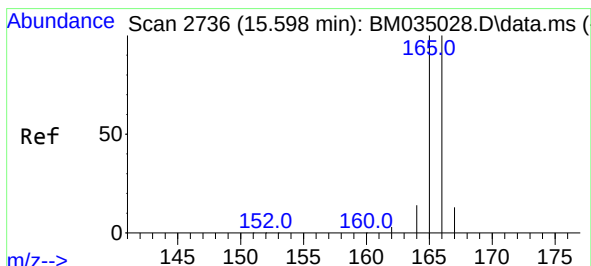
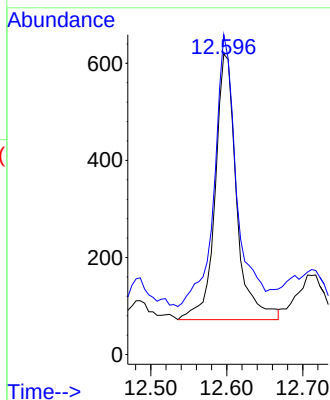
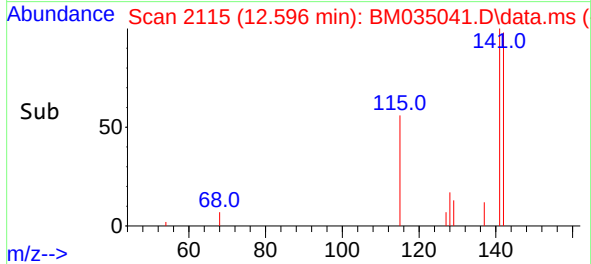
Instrument :  
BNA\_M  
ClientSampleId :  
EW490



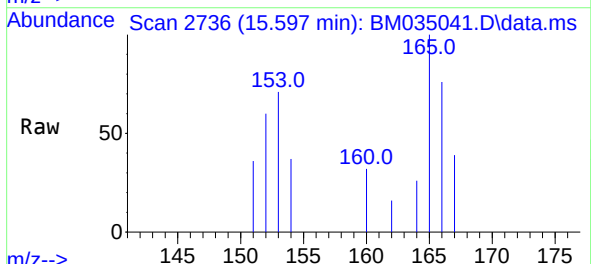
Tgt Ion:142 Resp: 1072  
Ion Ratio Lower Upper  
142 100  
141 107.7 75.0 112.4

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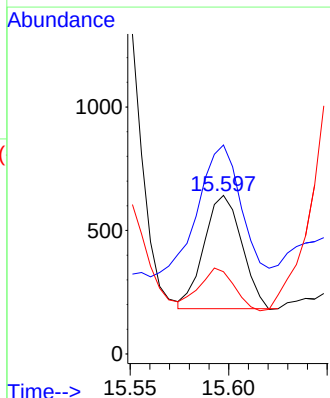
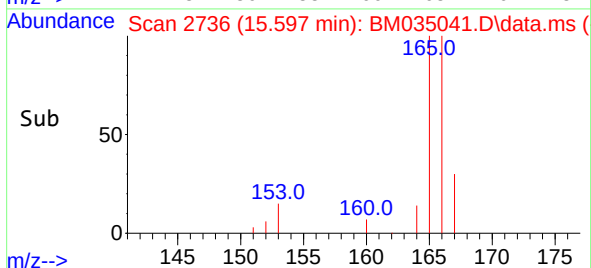
Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022

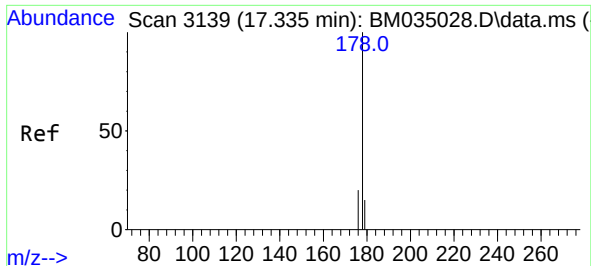


#12  
Fluorene  
Concen: 0.021 ng/u1  
RT: 15.597 min Scan# 2736  
Delta R.T. -0.005 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17



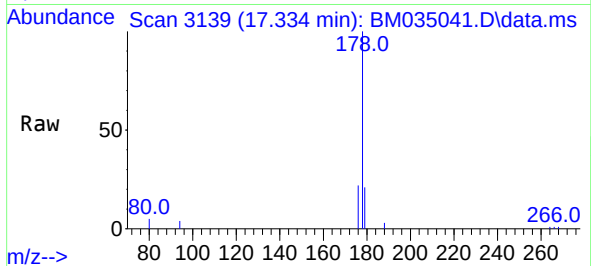
Tgt Ion:166 Resp: 612  
Ion Ratio Lower Upper  
166 100  
165 131.8 81.1 121.7#  
167 51.9 14.9 22.3#





#15  
Phenanthrene  
Concen: 0.226 ng/u1  
RT: 17.334 min Scan# 3139  
Delta R.T. -0.000 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17

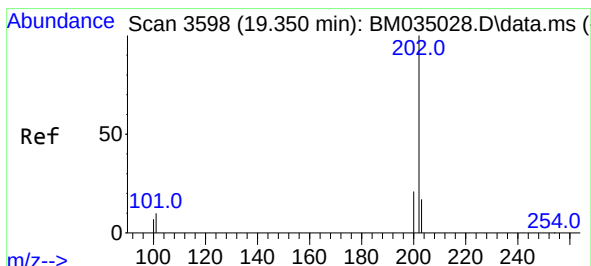
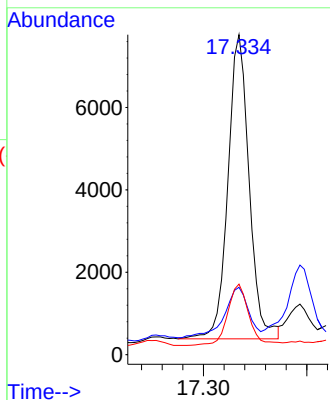
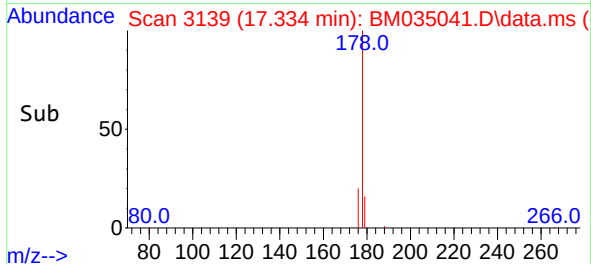
Instrument :  
BNA\_M  
ClientSampleId :  
EW490



Tgt Ion:178 Resp: 10538  
Ion Ratio Lower Upper  
178 100  
179 21.1 15.0 22.6  
176 22.0 17.9 26.9

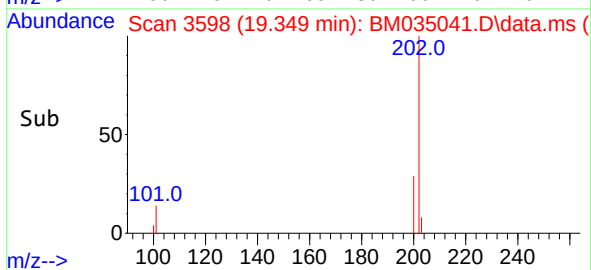
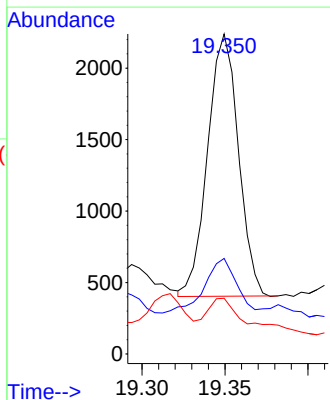
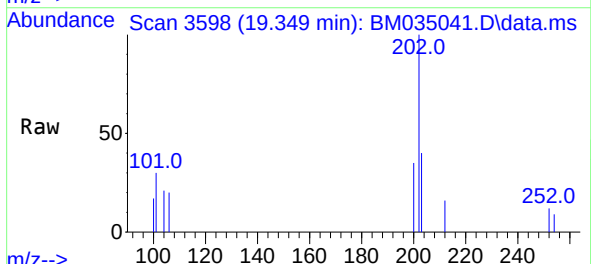
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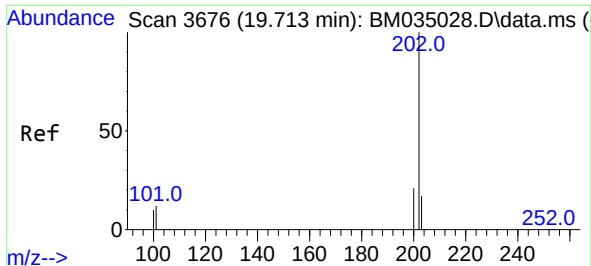
Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022



#19  
Fluoranthene  
Concen: 0.046 ng/u1  
RT: 19.349 min Scan# 3598  
Delta R.T. -0.000 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17

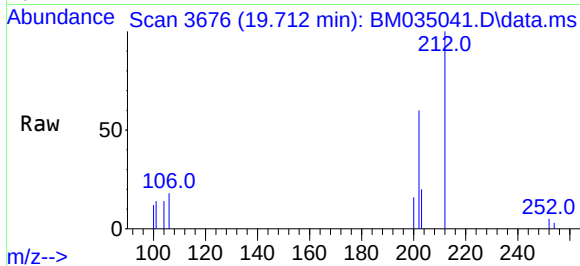
Tgt Ion:202 Resp: 2370  
Ion Ratio Lower Upper  
202 100  
101 29.8 9.2 13.8#  
100 17.4 7.2 10.8#





#20  
Pyrene  
Concen: 0.092 ng/u1  
RT: 19.712 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17

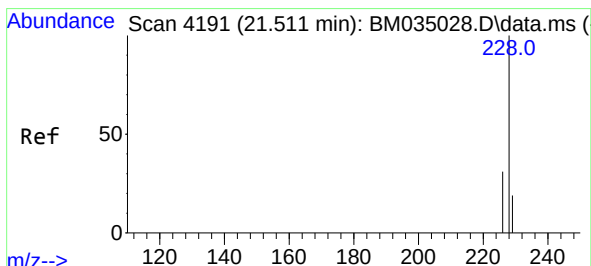
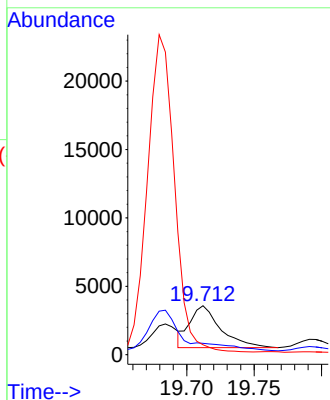
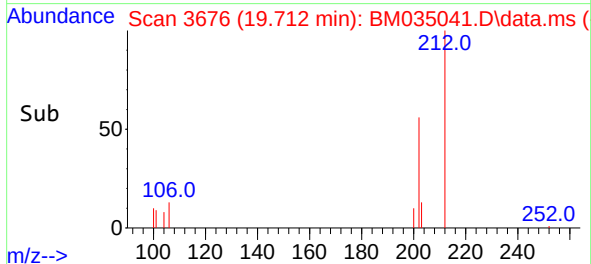
Instrument :  
BNA\_M  
ClientSampleId :  
EW490



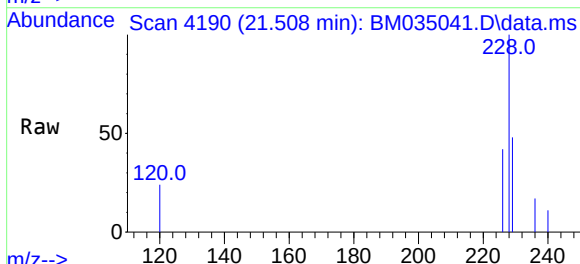
Tgt Ion:202 Resp: 4885  
Ion Ratio Lower Upper  
202 100  
101 23.4 9.3 13.9#  
100 20.3 7.8 11.6#

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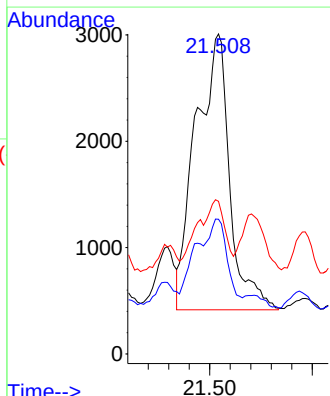
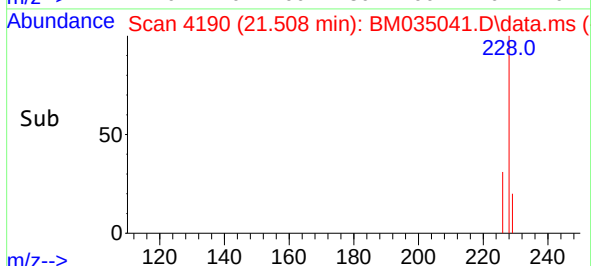
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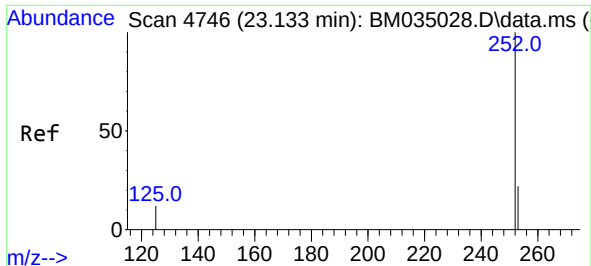


#22  
Chrysene  
Concen: 0.134 ng/u1 m  
RT: 21.508 min Scan# 4190  
Delta R.T. -0.003 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17



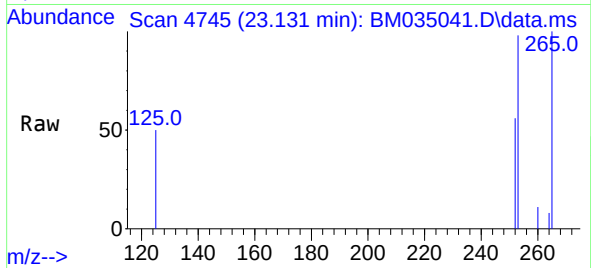
Tgt Ion:228 Resp: 5976  
Ion Ratio Lower Upper  
228 100  
226 42.1 25.8 38.8#  
229 47.7 16.7 25.1#





#24  
Benzo(b)fluoranthene  
Concen: 0.035 ng/ul  
RT: 23.131 min Scan# 4745  
Delta R.T. -0.003 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17

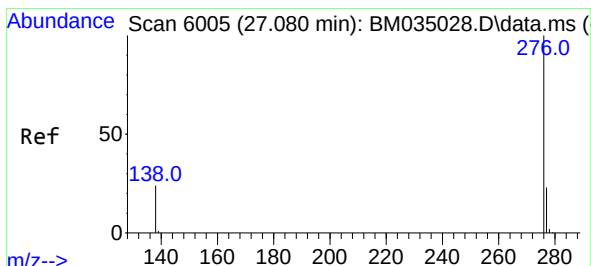
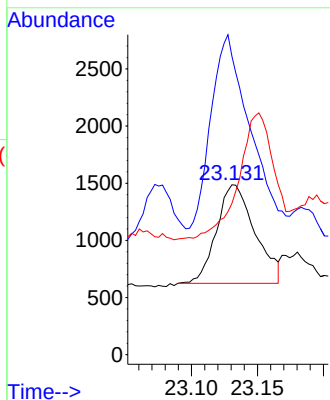
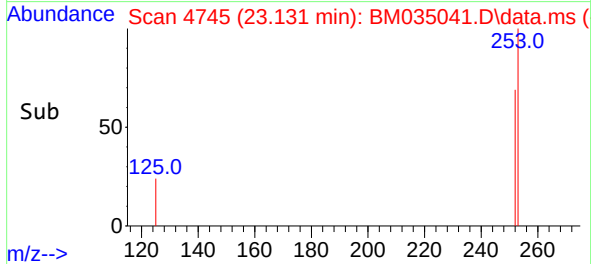
Instrument :  
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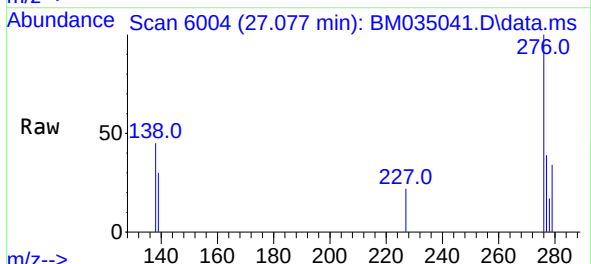
Tgt Ion:252 Resp: 1745  
Ion Ratio Lower Upper  
252 100  
253 175.5 0.0 64.2#  
125 89.0 0.0 28.8#

Manual Integrations  
APPROVED

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#29  
Benzo(g,h,i)perylene  
Concen: 0.060 ng/ul  
RT: 27.077 min Scan# 6004  
Delta R.T. -0.003 min  
Lab File: BM035041.D  
Acq: 13 May 2022 23:17



Tgt Ion:276 Resp: 2321  
Ion Ratio Lower Upper  
276 100  
138 44.7 17.4 26.0#  
277 38.8 22.6 33.8#

