

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038109.D  
 Acq On : 19 Dec 2022 19:10  
 Operator : CG/JU  
 Sample : N6006-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXW1

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 19 23:23:58 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.051  | 152  | 5982     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.867 | 136  | 19412    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.680 | 164  | 10852    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.417 | 188  | 21505    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.580 | 240  | 14383    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.032 | 264  | 13339    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.402  | 96   | 30730    | 3.758 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.445 | 152  | 9044     | 0.319 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.431 | 212  | 16875    | 0.324 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.916 | 128  | 1430     | 0.024 | ng/ul# | 85       |
| 14) Pentachlorophenol       | 17.067 | 266  | 215      | 0.024 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.455 | 178  | 10691    | 0.148 | ng/ul  | 96       |
| 16) Anthracene              | 17.548 | 178  | 2193     | 0.033 | ng/ul# | 75       |
| 19) Fluoranthene            | 19.464 | 202  | 38736    | 0.521 | ng/ul  | 99       |
| 20) Pyrene                  | 19.826 | 202  | 31553m   | 0.416 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.562 | 228  | 14951    | 0.241 | ng/ul  | 98       |
| 22) Chrysene                | 21.618 | 228  | 20627    | 0.329 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.281 | 252  | 28341    | 0.448 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.325 | 252  | 10095m   | 0.165 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.924 | 252  | 16420    | 0.308 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.595 | 276  | 13939    | 0.208 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.602 | 278  | 3280     | 0.063 | ng/ul# | 55       |
| 29) Benzo(g,h,i)perylene    | 27.390 | 276  | 12441    | 0.219 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

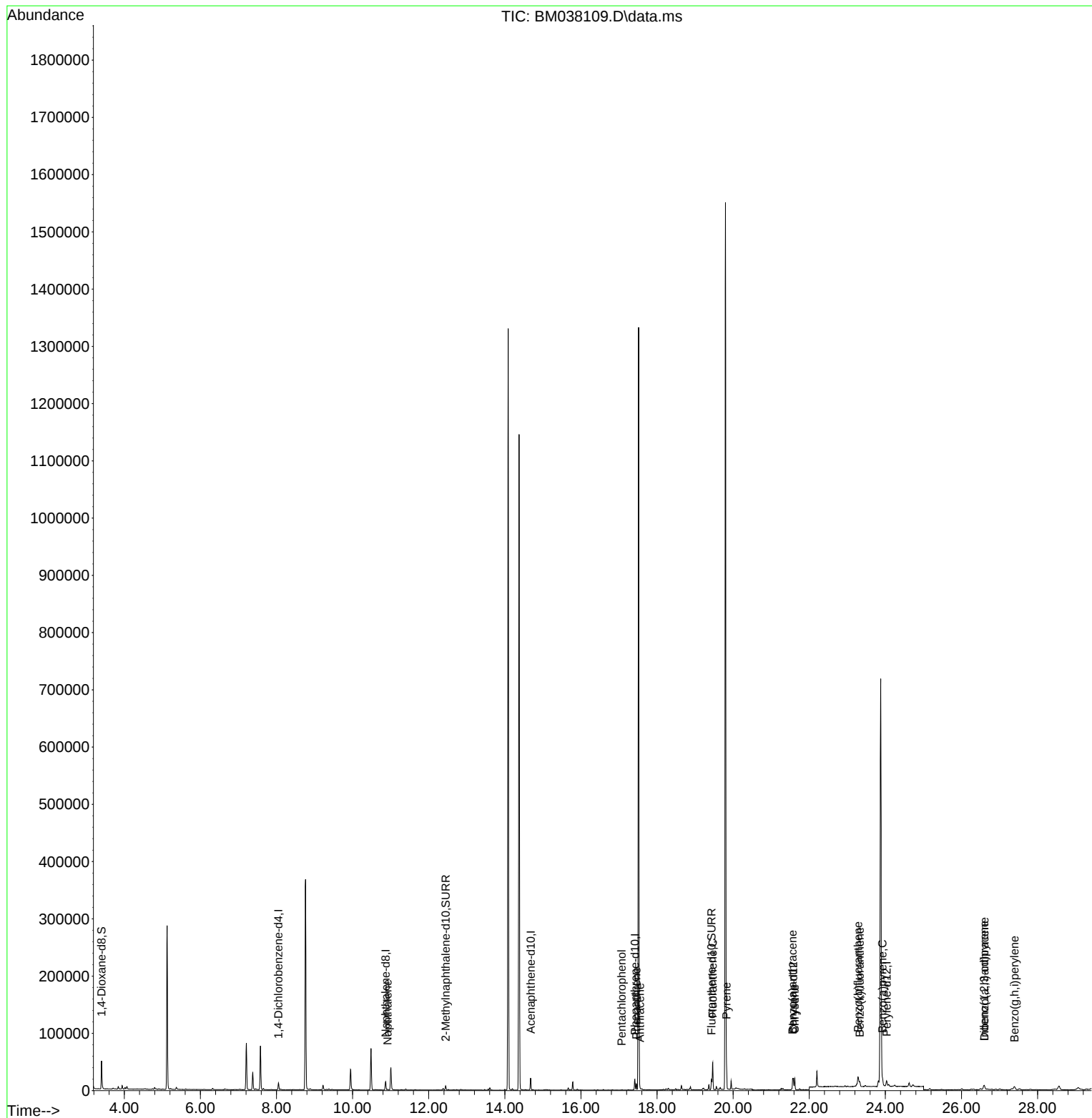
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038109.D  
Acq On : 19 Dec 2022 19:10  
Operator : CG/JU  
Sample : N6006-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

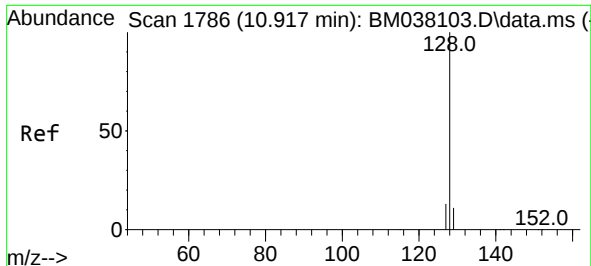
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022

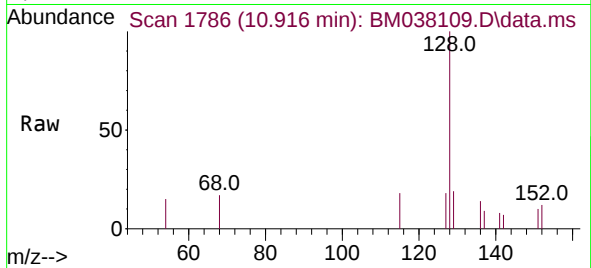
Quant Time: Dec 19 23:23:58 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 17 05:21:07 2022  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.024 ng/ul  
RT: 10.916 min Scan# 1786  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

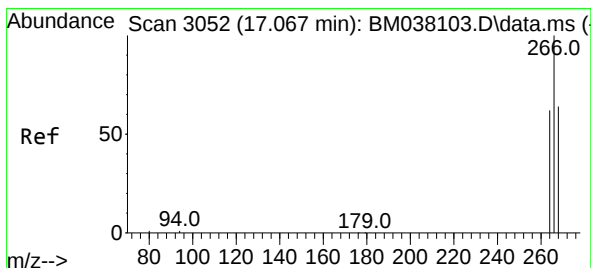
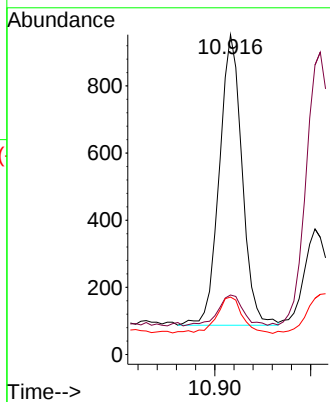
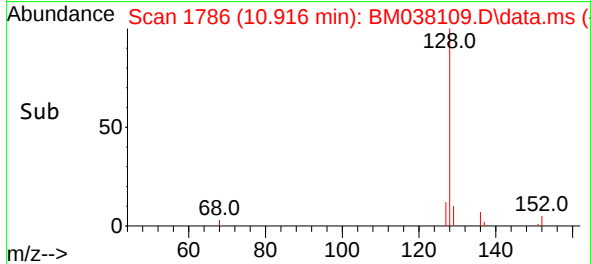
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1



Tgt Ion:128 Resp: 1430  
Ion Ratio Lower Upper  
128 100  
129 18.6 9.1 13.7  
127 17.9 10.4 15.6

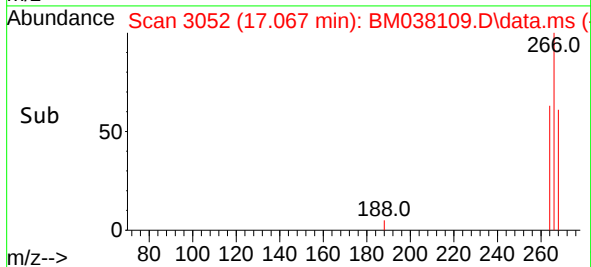
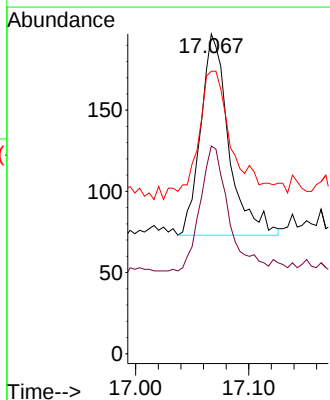
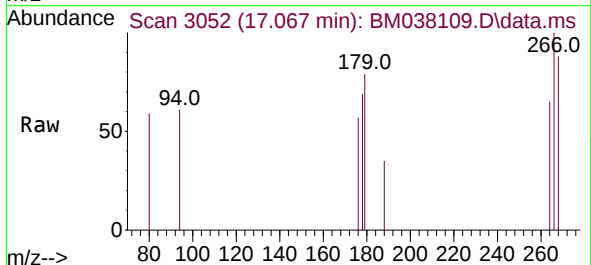
Manual Integrations  
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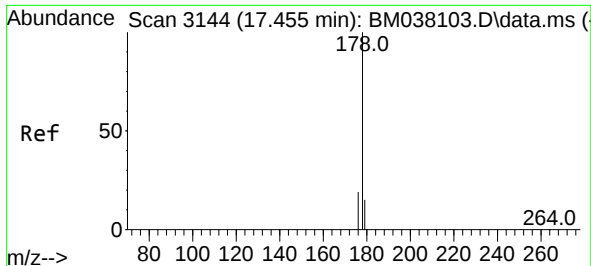
Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



#14  
Pentachlorophenol  
Concen: 0.024 ng/ul  
RT: 17.067 min Scan# 3052  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

Tgt Ion:266 Resp: 215  
Ion Ratio Lower Upper  
266 100  
264 62.3 49.9 74.9  
268 80.9 52.0 78.0





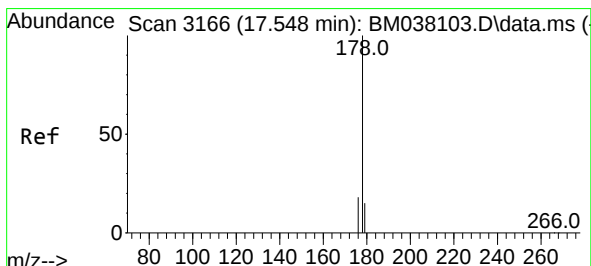
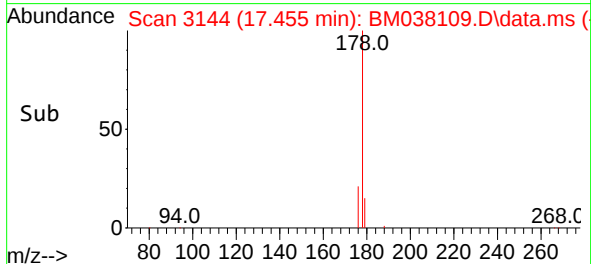
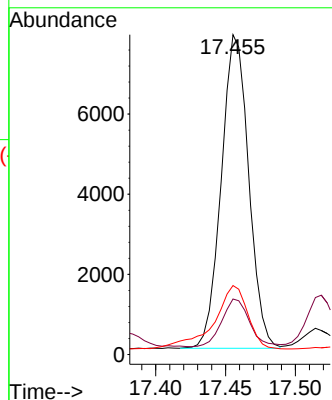
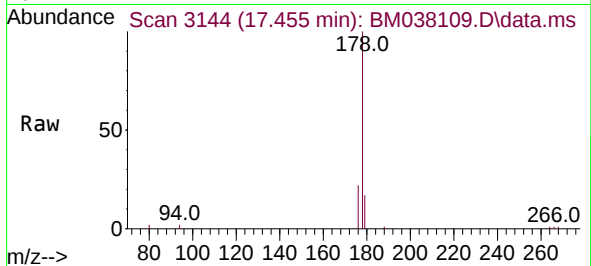
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Phenanthrene  
Concen: 0.148 ng/ul  
RT: 17.455 min Scan# 3144  
Delta R.T. -0.004 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1

Tgt Ion:178 Resp: 10691  
Ion Ratio Lower Upper  
178 100  
179 17.4 12.6 19.0  
176 21.6 15.8 23.6

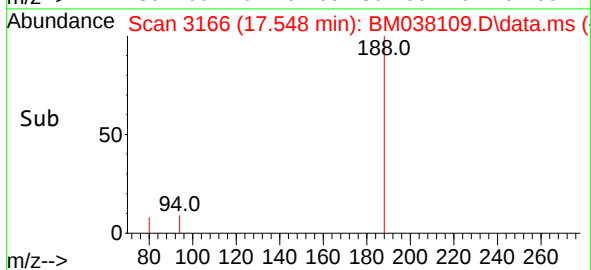
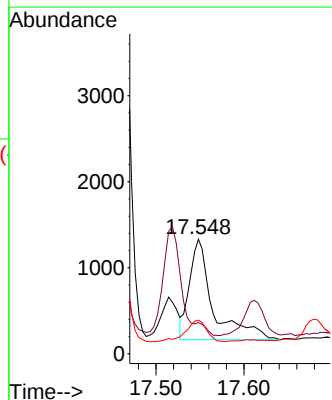
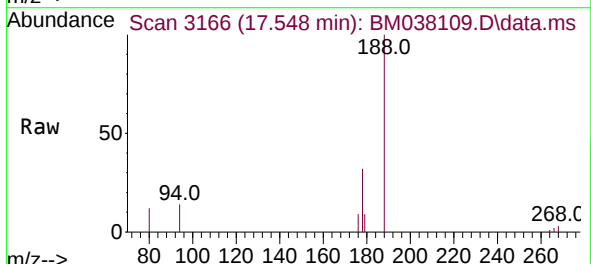
Manual Integrations  
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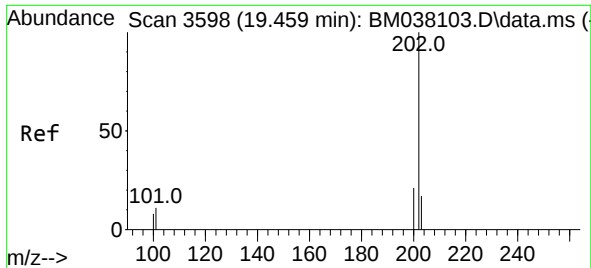
Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



#16  
Anthracene  
Concen: 0.033 ng/ul  
RT: 17.548 min Scan# 3166  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

Tgt Ion:178 Resp: 2193  
Ion Ratio Lower Upper  
178 100  
179 27.3 13.0 19.4#  
176 29.4 15.0 22.4#





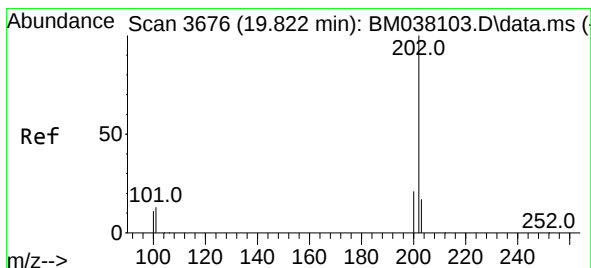
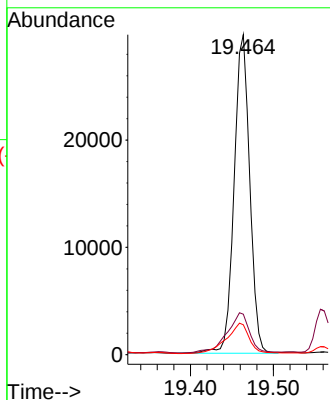
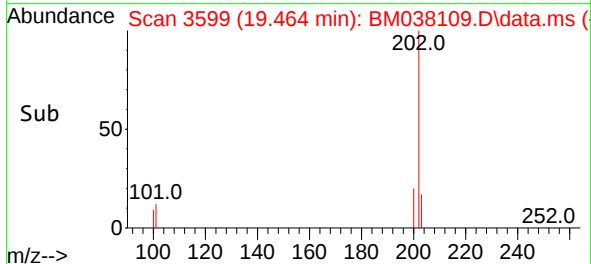
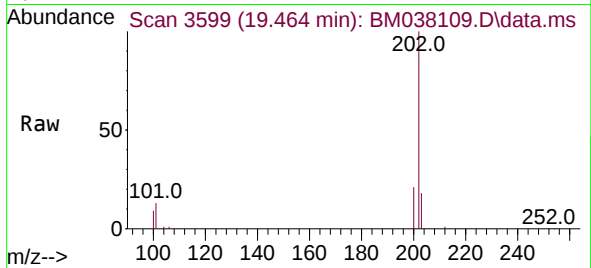
#19  
Fluoranthene  
Concen: 0.521 ng/ul  
RT: 19.464 min Scan# 3599  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1

Tgt Ion:202 Resp: 38736  
Ion Ratio Lower Upper  
202 100  
101 12.6 10.6 15.8  
100 9.3 7.9 11.9

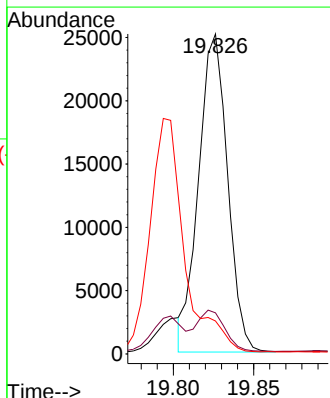
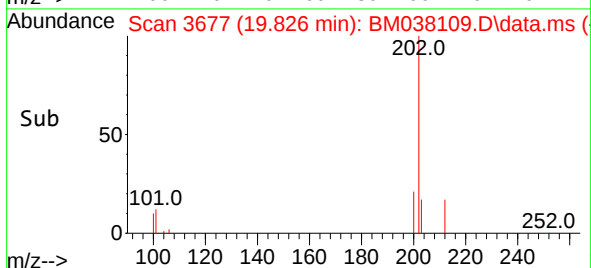
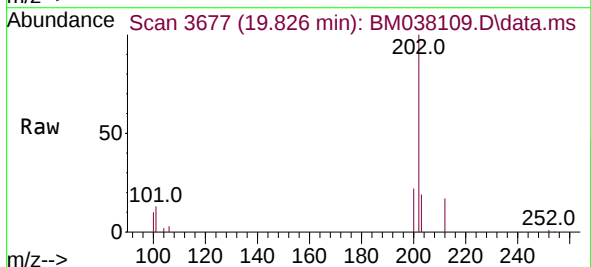
Manual Integrations  
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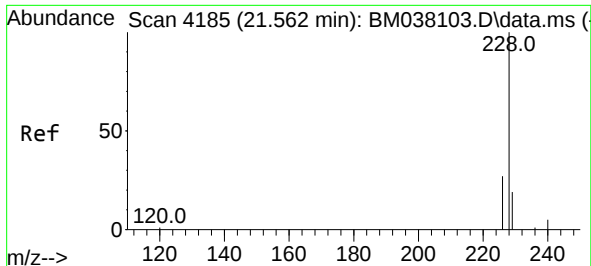
Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



#20  
Pyrene  
Concen: 0.416 ng/ul m  
RT: 19.826 min Scan# 3677  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

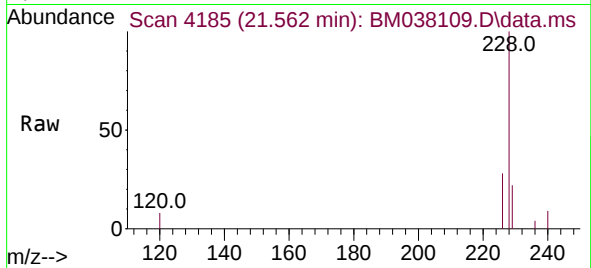
Tgt Ion:202 Resp: 31553  
Ion Ratio Lower Upper  
202 100  
101 12.8 12.1 18.1  
100 10.3 9.8 14.6





#21  
Benzo(a)anthracene  
Concen: 0.241 ng/ul  
RT: 21.562 min Scan# 4185  
Delta R.T. -0.003 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

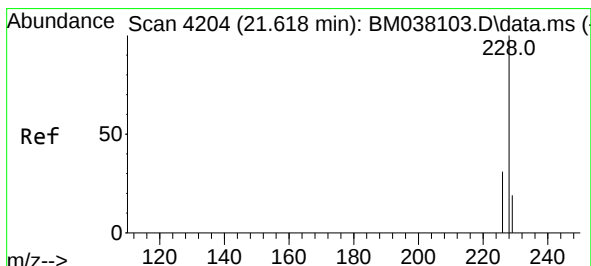
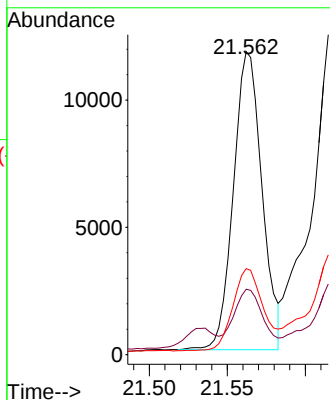
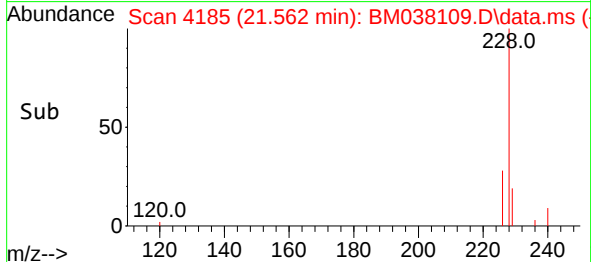
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1



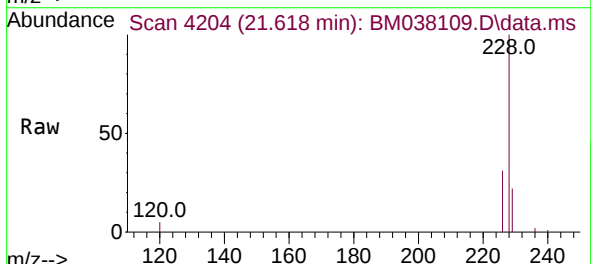
Tgt Ion:228 Resp: 1495  
Ion Ratio Lower Upper  
228 100  
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Manual Integrations  
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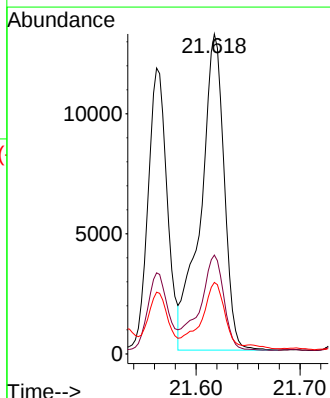
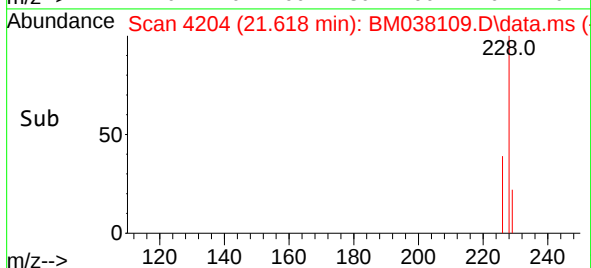
Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022

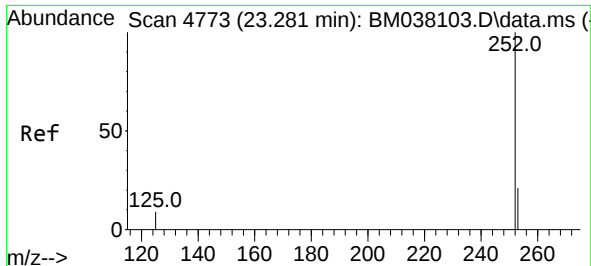


#22  
Chrysene  
Concen: 0.329 ng/ul  
RT: 21.618 min Scan# 4204  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10



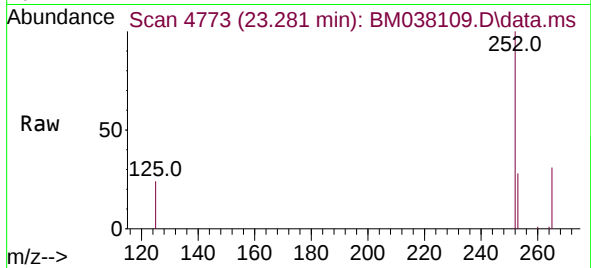
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Ion Ratio Lower Upper  
228 100  
226 30.9 24.1 36.1  
229 22.3 15.7 23.5





#24  
Benzo(b)fluoranthene  
Concen: 0.448 ng/ul  
RT: 23.281 min Scan# 4773  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

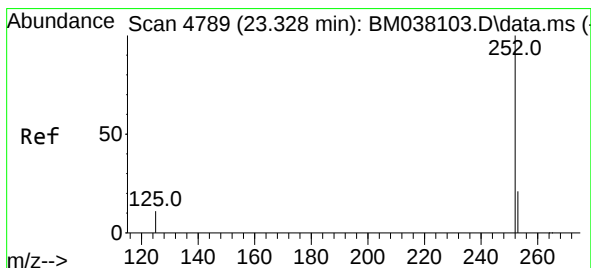
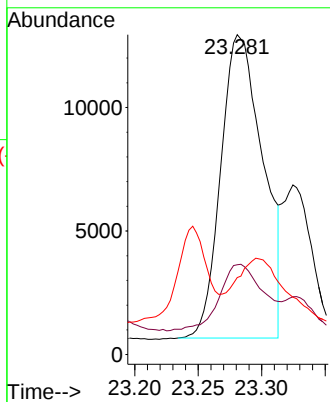
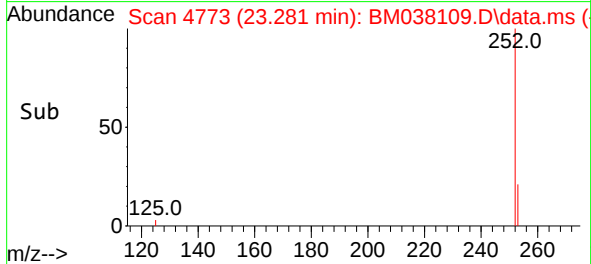
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1



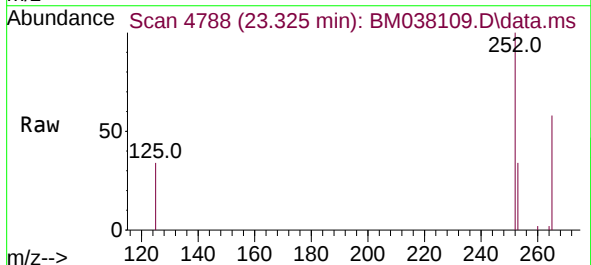
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Ion Ratio Lower Upper  
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125 24.1 0.0 42.2

Manual Integrations  
APPROVED

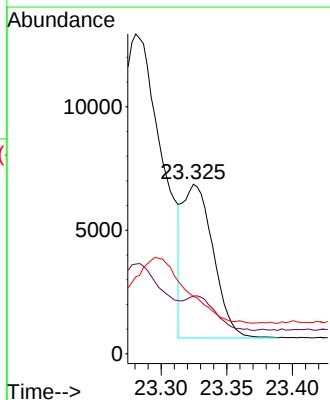
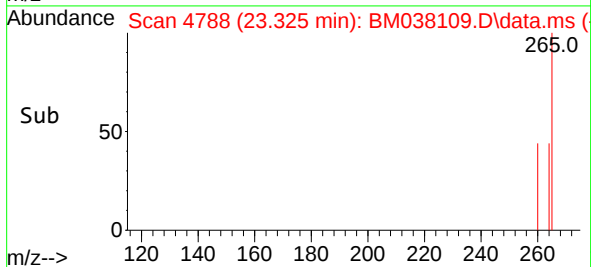
Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022

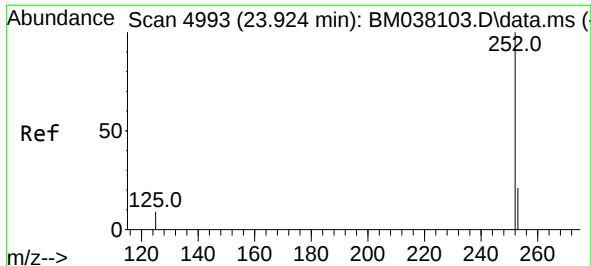


#25  
Benzo(k)fluoranthene  
Concen: 0.165 ng/ul m  
RT: 23.325 min Scan# 4788  
Delta R.T. -0.006 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10



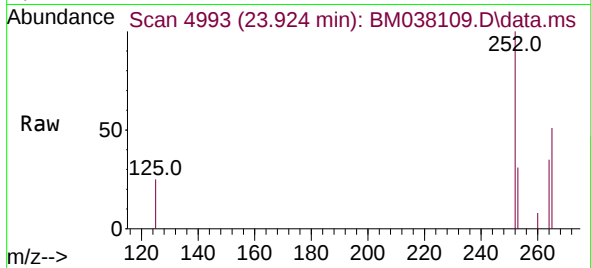
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Ion Ratio Lower Upper  
252 100  
253 34.1 20.8 31.2#  
125 33.8 17.1 25.7#





#26  
Benzo(a)pyrene  
Concen: 0.308 ng/ul  
RT: 23.924 min Scan# 4993  
Delta R.T. -0.000 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

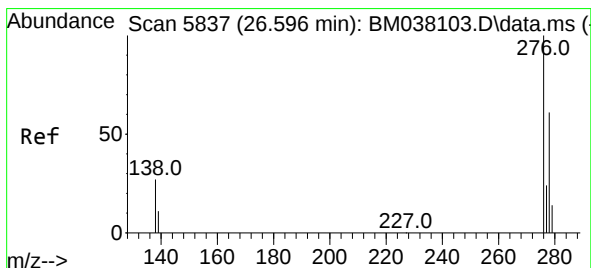
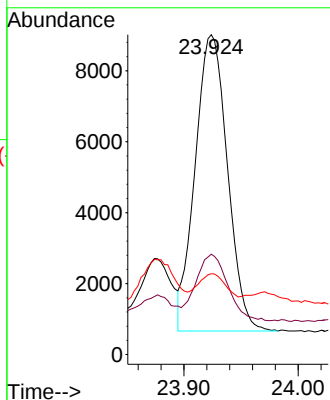
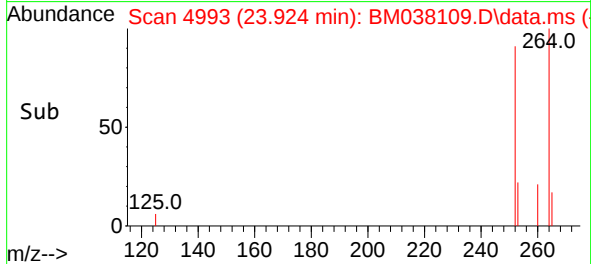
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1



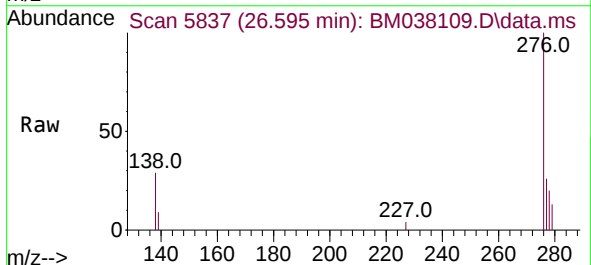
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125 25.3 20.7 31.1

Manual Integrations  
APPROVED

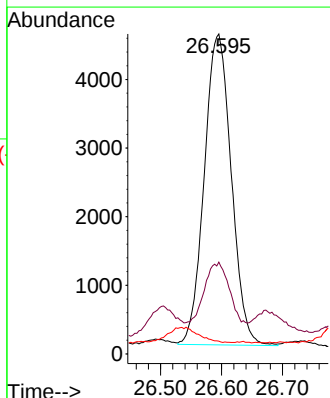
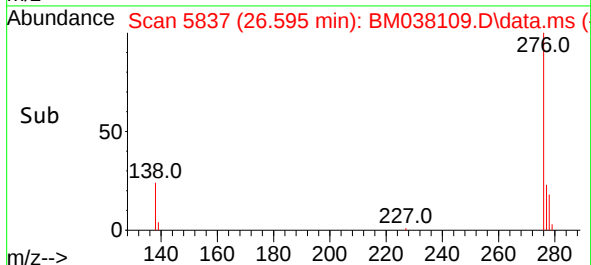
Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022

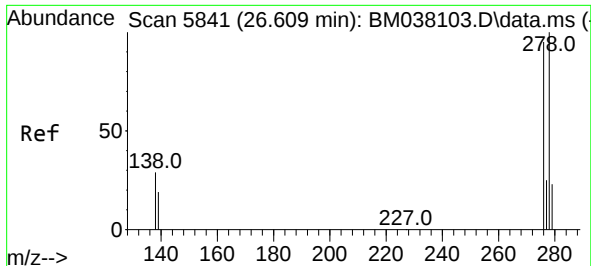


#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.208 ng/ul  
RT: 26.595 min Scan# 5837  
Delta R.T. -0.003 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10



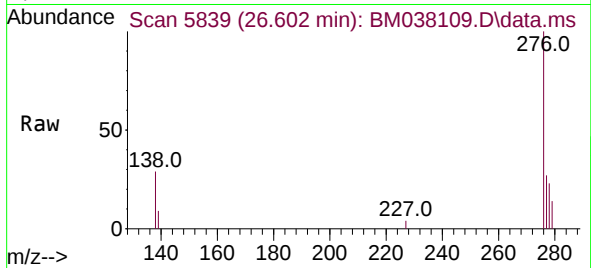
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138 24.5 26.6 40.0#  
227 0.0 0.1 0.1#





#28  
Dibenzo(a,h)anthracene  
Concen: 0.063 ng/ul  
RT: 26.602 min Scan# 5841  
Delta R.T. -0.013 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10

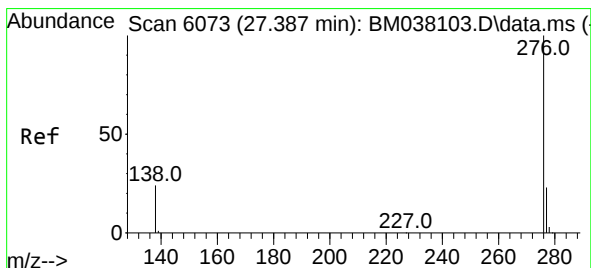
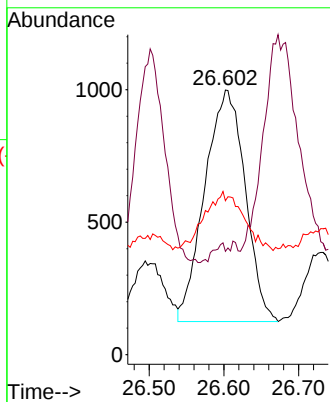
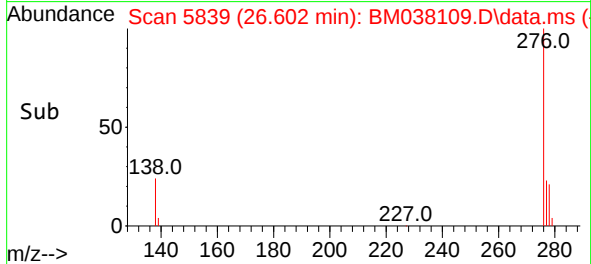
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW1



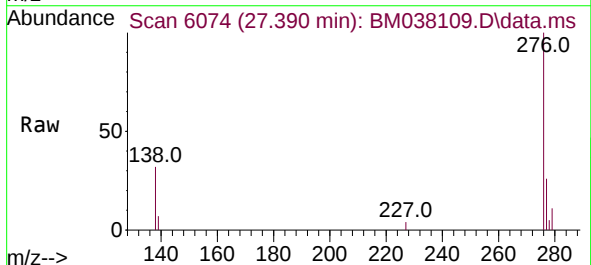
Tgt Ion:278 Resp: 3280  
Ion Ratio Lower Upper  
278 100  
139 39.0 19.0 28.6  
279 58.2 22.4 33.6

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



#29  
Benzo(g,h,i)perylene  
Concen: 0.219 ng/ul  
RT: 27.390 min Scan# 6074  
Delta R.T. -0.003 min  
Lab File: BM038109.D  
Acq: 19 Dec 2022 19:10



Tgt Ion:276 Resp: 12441  
Ion Ratio Lower Upper  
276 100  
138 31.6 24.1 36.1  
277 25.7 19.0 28.6

