

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019577.D  
 Acq On : 28 Apr 2022 21:49  
 Operator : CG/JU  
 Sample : N2470-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFH5

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022  
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 02:33:29 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 13:24:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.880  | 152  | 5228     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 15733    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 8523     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.234 | 188  | 17062    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.414 | 240  | 14756    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.764 | 264  | 13958    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.349  | 96   | 12490    | 2.019 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 3231     | 0.136 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.257 | 212  | 8770     | 0.188 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.276 | 178  | 9462     | 0.151 | ng/ul  | 99       |
| 16) Anthracene              | 17.365 | 178  | 1201     | 0.023 | ng/ul# | 84       |
| 19) Fluoranthene            | 19.290 | 202  | 9330     | 0.138 | ng/ul  | 96       |
| 20) Pyrene                  | 19.652 | 202  | 9575m    | 0.142 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.400 | 228  | 4626     | 0.084 | ng/ul# | 92       |
| 22) Chrysene                | 21.452 | 228  | 6569     | 0.101 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.057 | 252  | 5893m    | 0.083 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.098 | 252  | 1970m    | 0.029 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.662 | 252  | 1594     | 0.026 | ng/ul# | 39       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.181 | 276  | 1672     | 0.022 | ng/ul# | 70       |
| -----                       |        |      |          |       |        |          |

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

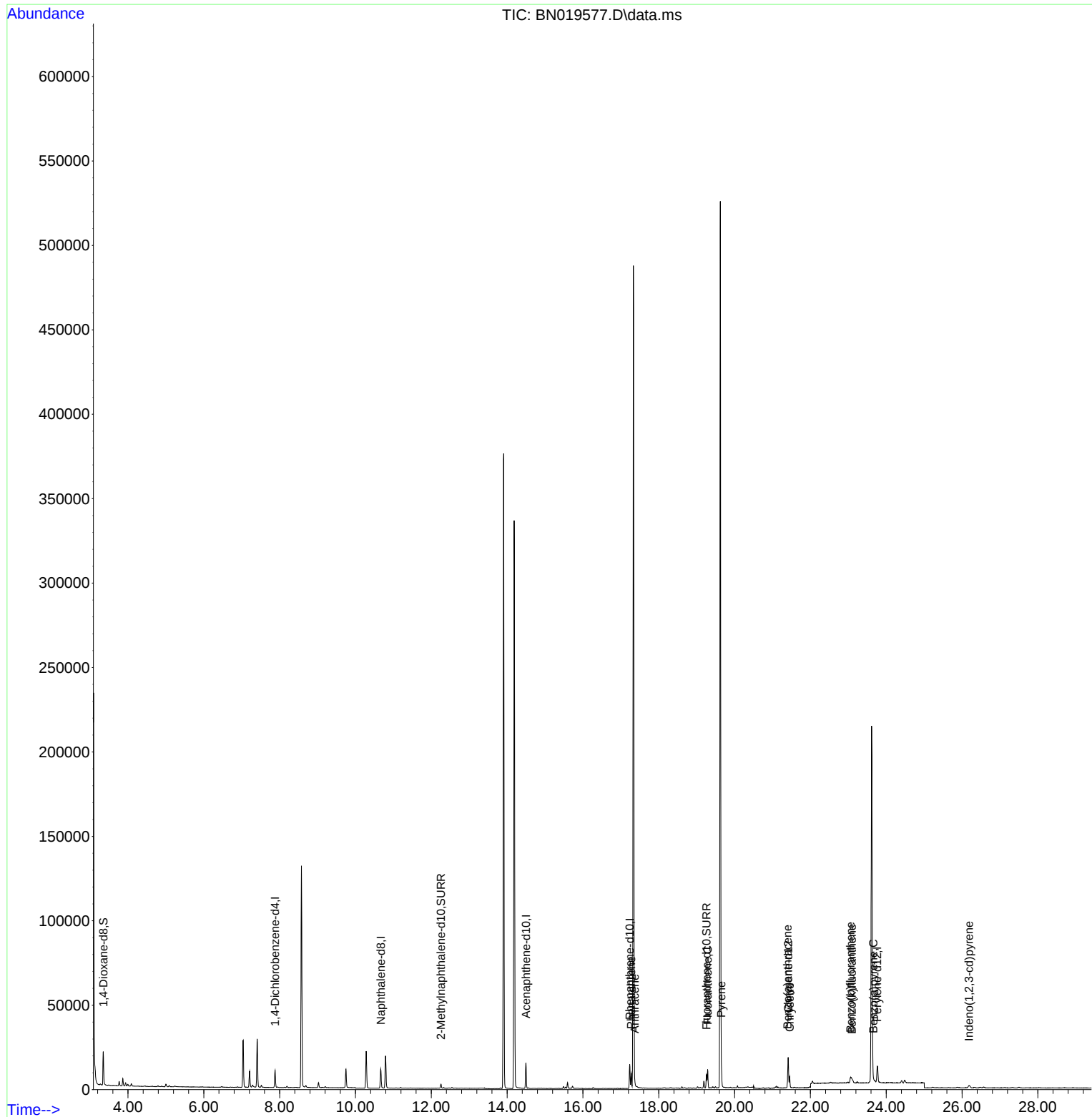
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
Data File : BN019577.D  
Acq On : 28 Apr 2022 21:49  
Operator : CG/JU  
Sample : N2470-08  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

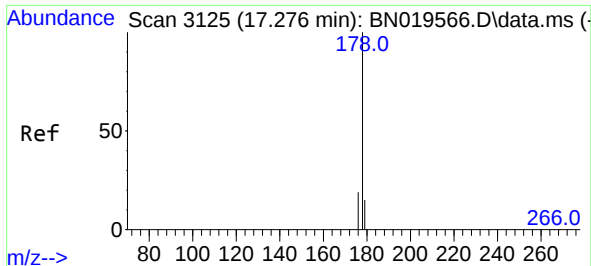
Instrument :  
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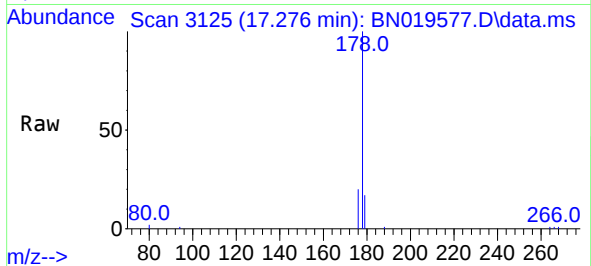
Quant Time: Apr 29 02:33:29 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 28 13:24:26 2022  
Response via : Initial Calibration





#15  
Phenanthrene  
Concen: 0.151 ng/u1  
RT: 17.276 min Scan# 3125  
Delta R.T. 0.001 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

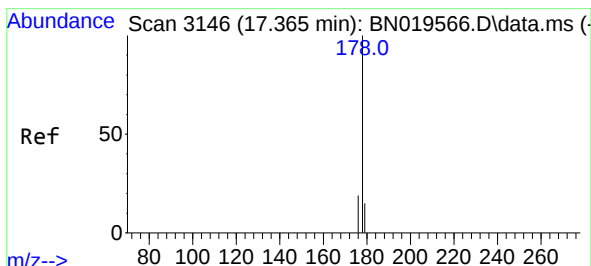
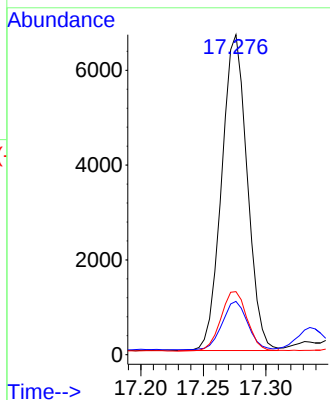
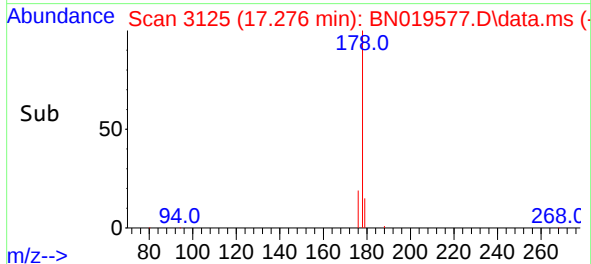
Instrument :  
BNA\_N  
ClientSampleId :  
BFFH5



Tgt Ion:178 Resp: 9462  
Ion Ratio Lower Upper  
178 100  
179 16.6 12.9 19.3  
176 19.7 15.5 23.3

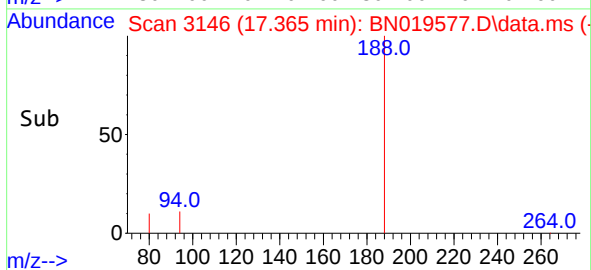
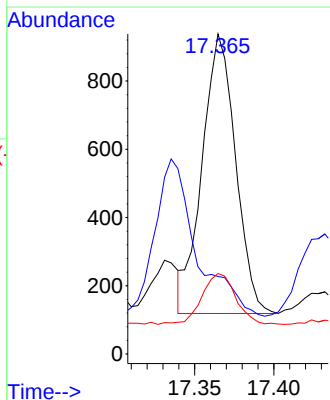
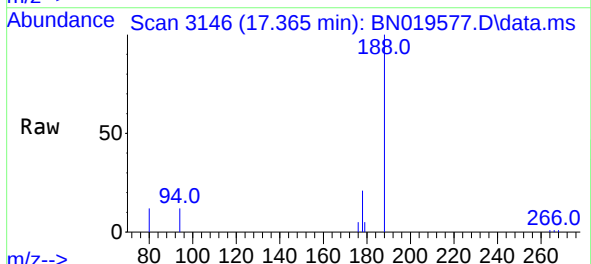
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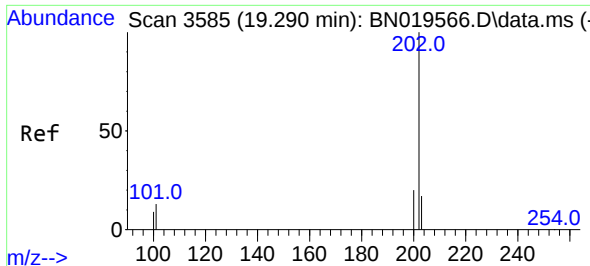
Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022



#16  
Anthracene  
Concen: 0.023 ng/u1  
RT: 17.365 min Scan# 3146  
Delta R.T. 0.001 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

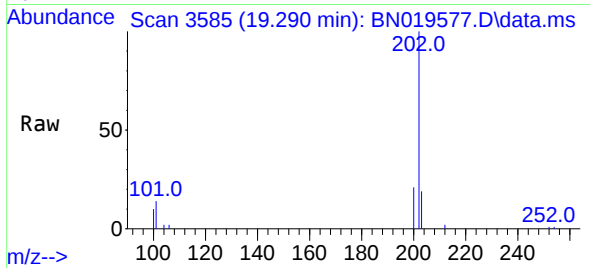
Tgt Ion:178 Resp: 1201  
Ion Ratio Lower Upper  
178 100  
179 24.2 13.1 19.7#  
176 25.2 15.3 22.9#





#19  
Fluoranthene  
Concen: 0.138 ng/ul  
RT: 19.290 min Scan# 3585  
Delta R.T. 0.001 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

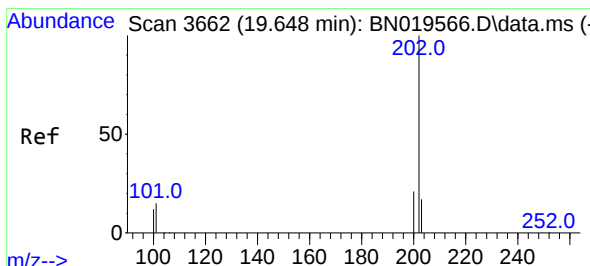
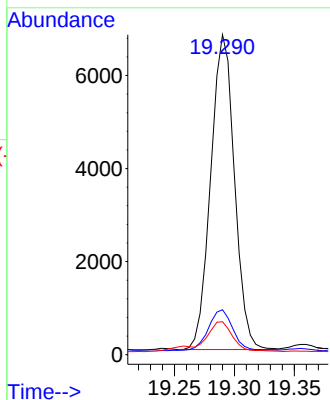
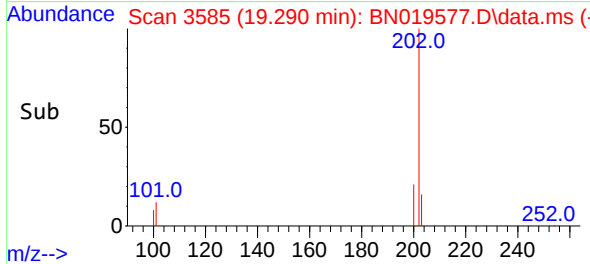
Instrument :  
BNA\_N  
ClientSampleId :  
BFFH5



Tgt Ion:202 Resp: 9330  
Ion Ratio Lower Upper  
202 100  
101 14.1 9.7 14.5  
100 10.3 7.4 11.2

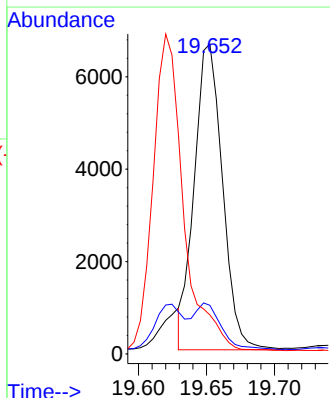
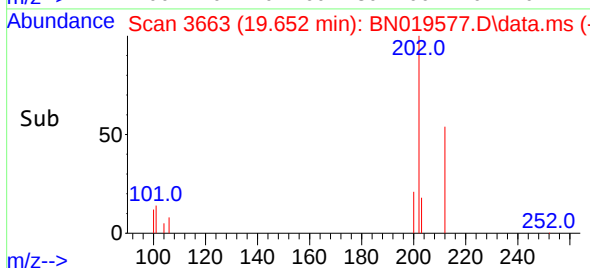
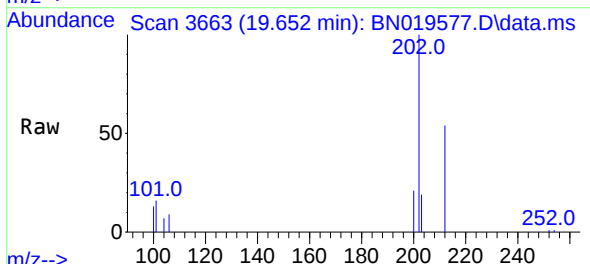
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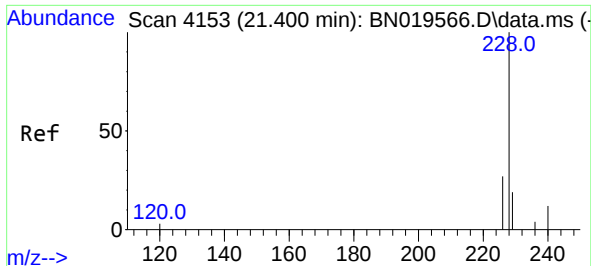
Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022



#20  
Pyrene  
Concen: 0.142 ng/ul m  
RT: 19.652 min Scan# 3663  
Delta R.T. 0.001 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

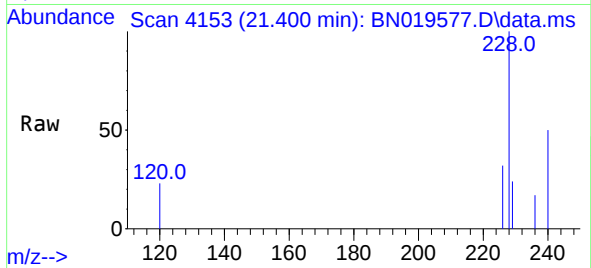
Tgt Ion:202 Resp: 9575  
Ion Ratio Lower Upper  
202 100  
101 15.7 11.4 17.0  
100 12.6 9.0 13.4





#21  
Benzo(a)anthracene  
Concen: 0.084 ng/u1  
RT: 21.400 min Scan# 4153  
Delta R.T. -0.000 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

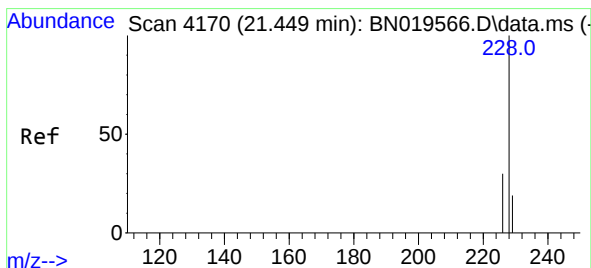
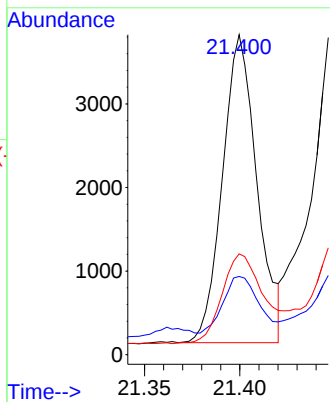
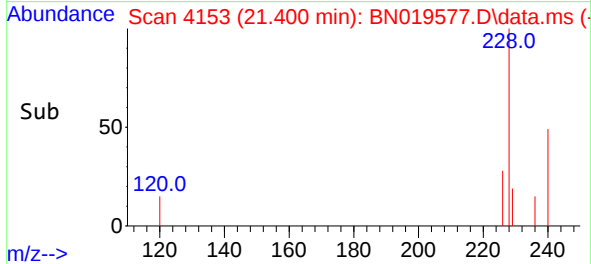
Instrument :  
BNA\_N  
ClientSampleId :  
BFFH5



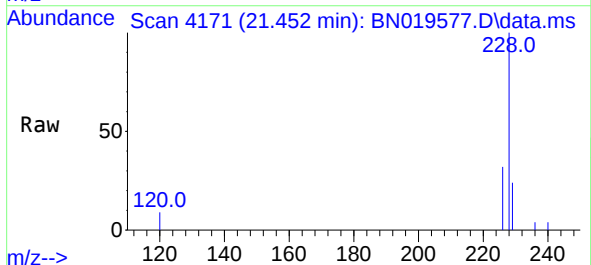
Tgt Ion:228 Resp: 4620  
Ion Ratio Lower Upper  
228 100  
229 24.5 16.1 24.1  
226 31.5 22.1 33.1

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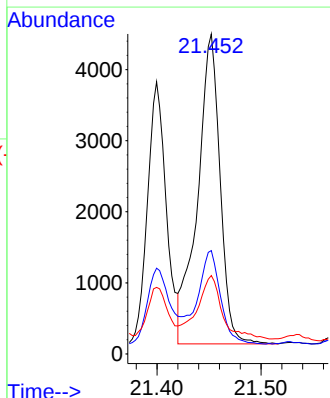
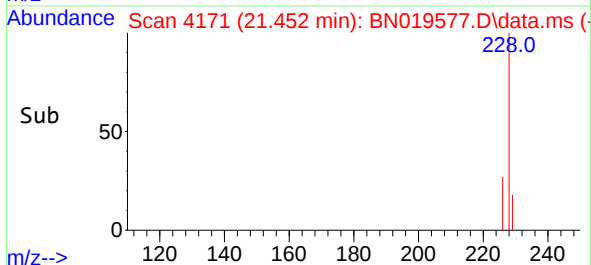
Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022

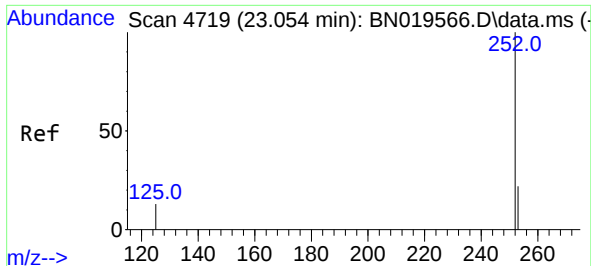


#22  
Chrysene  
Concen: 0.101 ng/u1  
RT: 21.452 min Scan# 4171  
Delta R.T. -0.000 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49



Tgt Ion:228 Resp: 6569  
Ion Ratio Lower Upper  
228 100  
226 32.3 24.2 36.2  
229 24.5 16.0 24.0





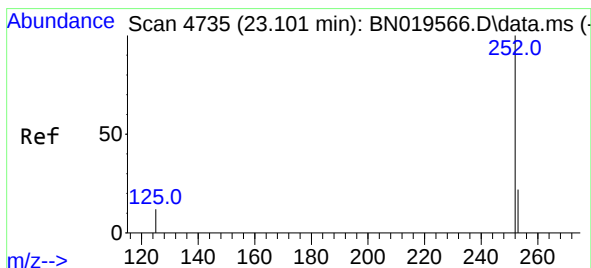
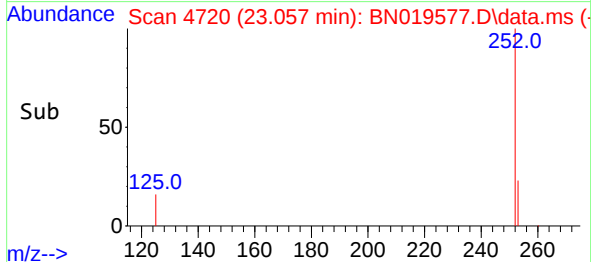
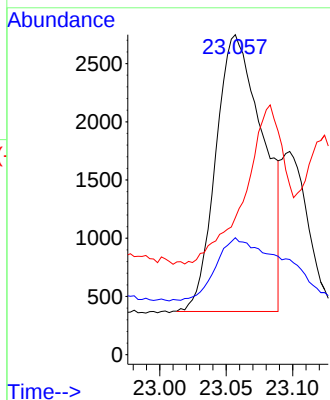
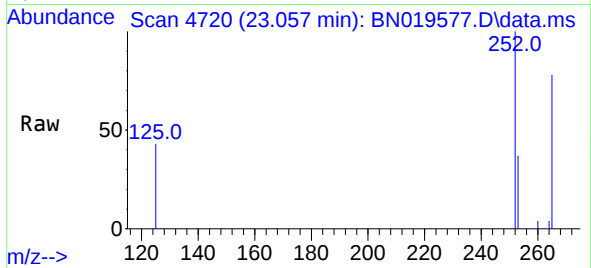
#24  
Benzo(b)fluoranthene  
Concen: 0.083 ng/ul m  
RT: 23.057 min Scan# 4719  
Delta R.T. 0.002 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

Instrument :  
BNA\_N  
ClientSampleId :  
BFFH5

Tgt Ion:252 Resp: 589  
Ion Ratio Lower Upper  
252 100  
253 36.6 0.0 52.0  
125 42.8 0.0 40.2

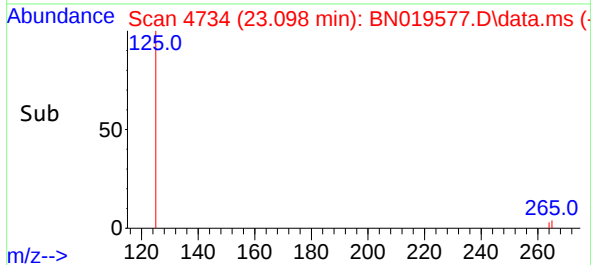
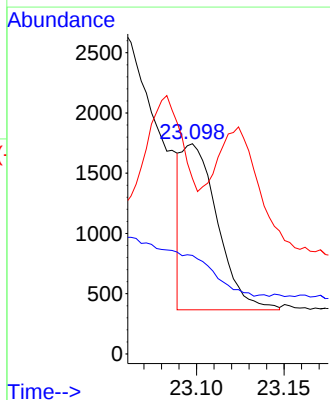
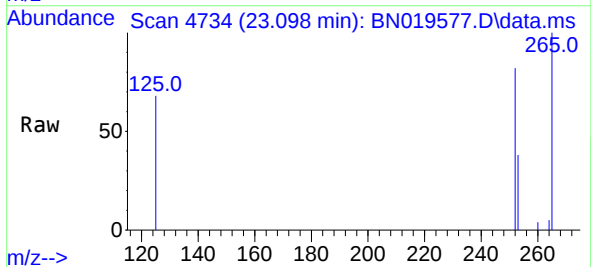
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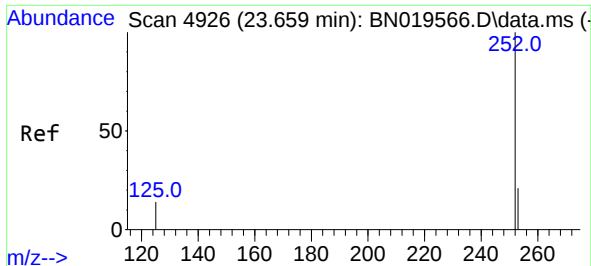
Reviewed By :Jagrut Upadhyay 04/29/2022  
Supervised By :Yogesh Patel 05/05/2022



#25  
Benzo(k)fluoranthene  
Concen: 0.029 ng/ul m  
RT: 23.098 min Scan# 4734  
Delta R.T. -0.003 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

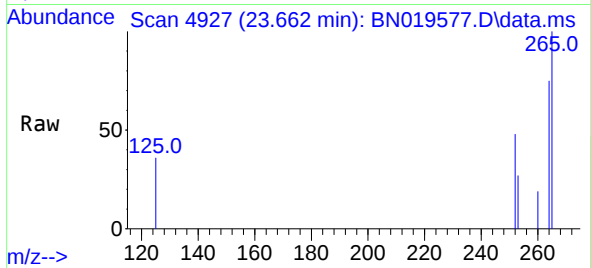
Tgt Ion:252 Resp: 1970  
Ion Ratio Lower Upper  
252 100  
253 46.9 20.2 30.2#  
125 83.5 11.0 16.6#





#26  
Benzo(a)pyrene  
Concen: 0.026 ng/ul  
RT: 23.662 min Scan# 4926  
Delta R.T. -0.000 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49

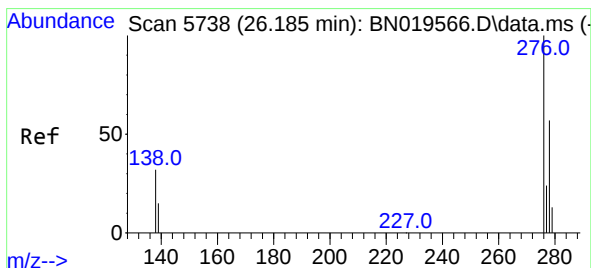
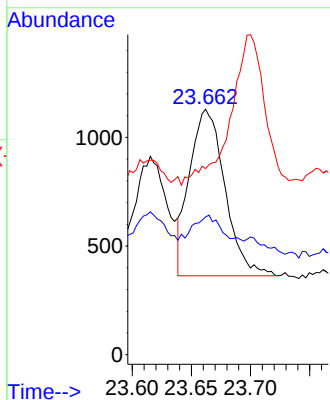
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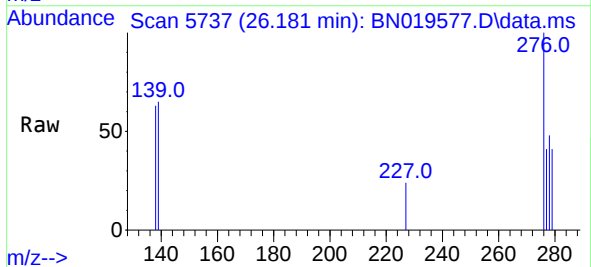
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Ion Ratio Lower Upper  
252 100  
253 56.1 23.4 35.0#  
125 75.8 28.3 42.5#

Manual Integrations  
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#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.022 ng/ul  
RT: 26.181 min Scan# 5737  
Delta R.T. -0.004 min  
Lab File: BN019577.D  
Acq: 28 Apr 2022 21:49



Tgt Ion:276 Resp: 1672  
Ion Ratio Lower Upper  
276 100  
138 45.6 23.6 35.4#  
227 1.3 0.0 0.0#

