

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026159.D  
 Acq On : 01 Jul 2023 19:41  
 Operator : MA/JU  
 Sample : 03239-09DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY7DL

Quant Time: Jul 01 22:36:27 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 01 01:46:24 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.959  | 152  | 8434     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.770 | 136  | 27554    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.598 | 164  | 15093    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188  | 26431    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.538 | 240  | 14956    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.990 | 264  | 16399    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.322  | 96   | 4754     | 0.501 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.365 | 152  | 1286     | 0.030 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.373 | 212  | 2040     | 0.036 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.389 | 178  | 11867    | 0.136 | ng/ul  | 98       |
| 16) Anthracene              | 17.478 | 178  | 1748     | 0.023 | ng/ul# | 74       |
| 19) Fluoranthene            | 19.405 | 202  | 32533    | 0.407 | ng/ul  | 98       |
| 20) Pyrene                  | 19.763 | 202  | 25719    | 0.310 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.520 | 228  | 12954    | 0.210 | ng/ul  | 94       |
| 22) Chrysene                | 21.576 | 228  | 12724    | 0.198 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 23.242 | 252  | 22514m   | 0.322 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.289 | 252  | 8111m    | 0.115 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.882 | 252  | 11377    | 0.187 | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.547 | 276  | 10649    | 0.160 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.547 | 278  | 2592     | 0.052 | ng/ul# | 23       |
| 29) Benzo(g,h,i)perylene    | 27.339 | 276  | 1821     | 0.031 | ng/ul# | 43       |
| -----                       |        |      |          |       |        |          |

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

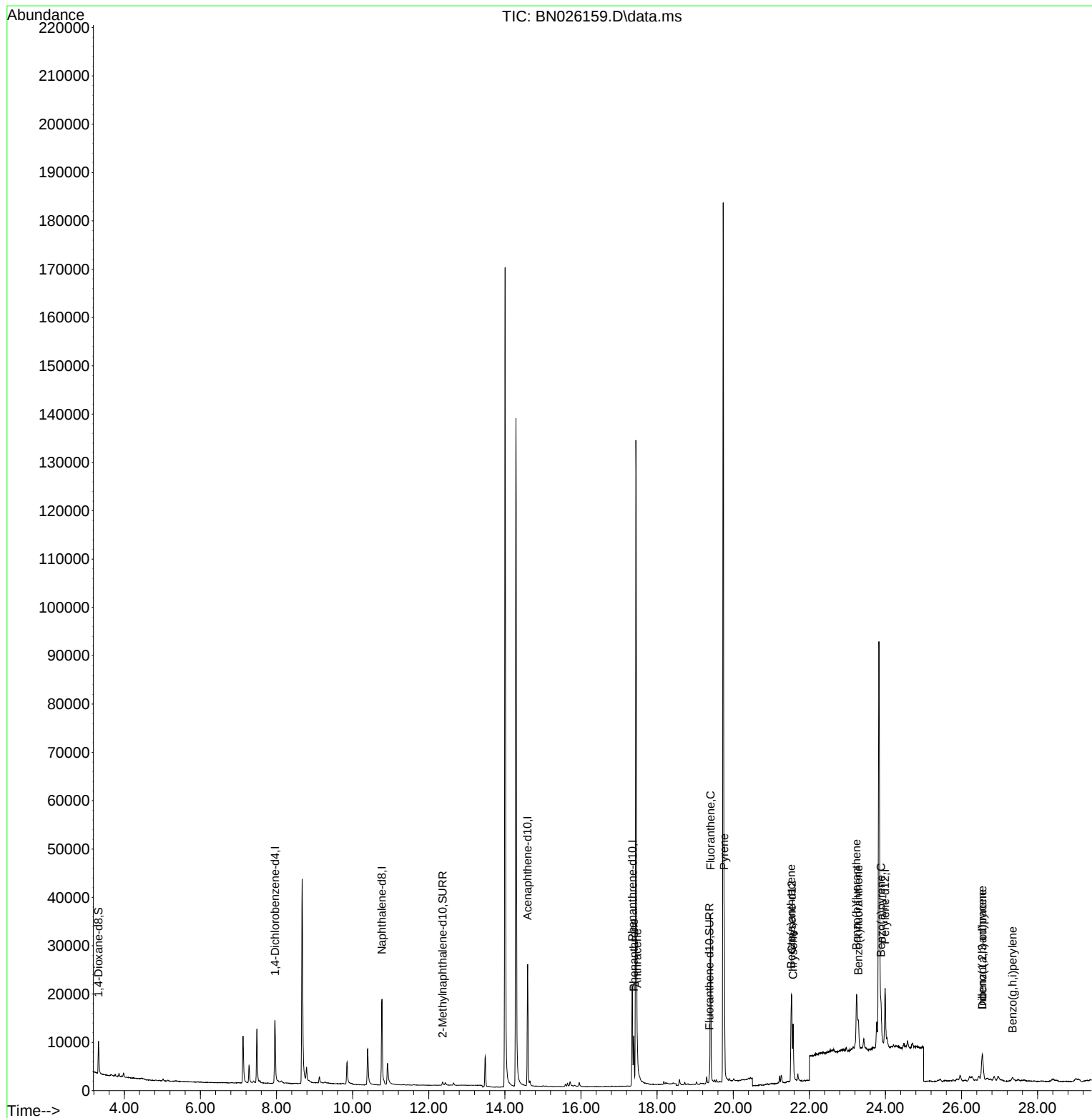
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026159.D  
Acq On : 01 Jul 2023 19:41  
Operator : MA/JU  
Sample : 03239-09DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

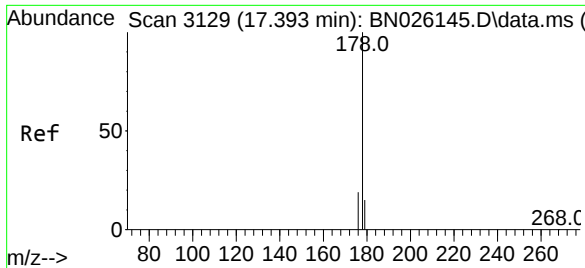
Instrument :  
BNA\_N  
ClientSampleId :  
DCFY7DL

Manual Integrations  
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Supervised By :Sohil Jodhani 07/02/2023

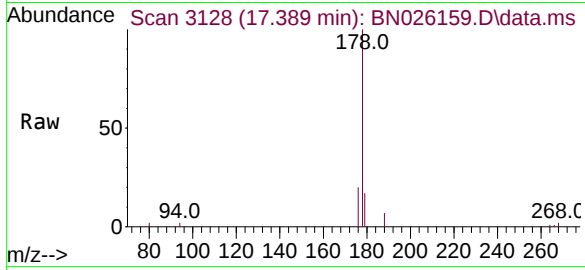
Quant Time: Jul 01 22:36:27 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 01 01:46:24 2023  
Response via : Initial Calibration





#15  
Phenanthrene  
Concen: 0.136 ng/ul  
RT: 17.389 min Scan# 3128  
Delta R.T. -0.005 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

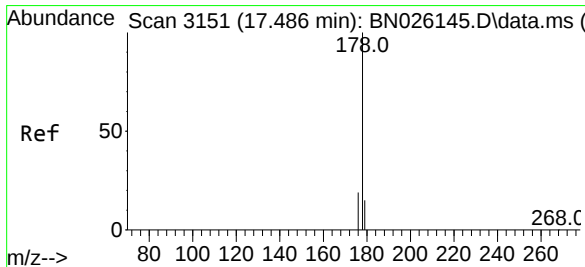
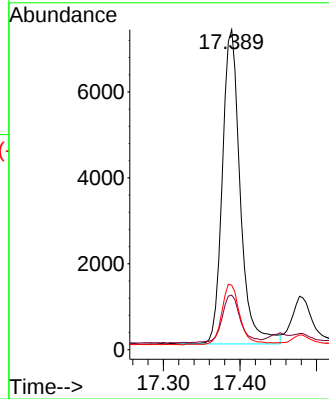
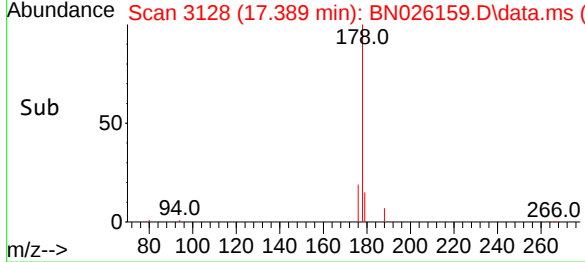
Instrument :  
BNA\_N  
ClientSampleId :  
DCFY7DL



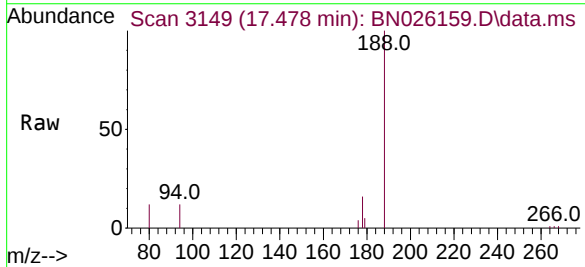
Tgt Ion:178 Resp: 1186  
Ion Ratio Lower Upper  
178 100  
179 17.1 12.6 19.0  
176 20.1 15.8 23.6

Manual Integrations  
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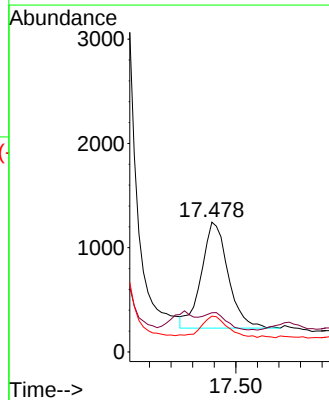
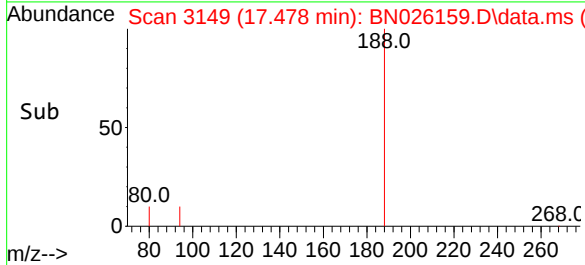
Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023

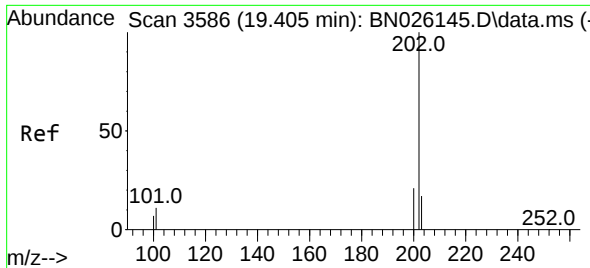


#16  
Anthracene  
Concen: 0.023 ng/ul  
RT: 17.478 min Scan# 3149  
Delta R.T. -0.009 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41



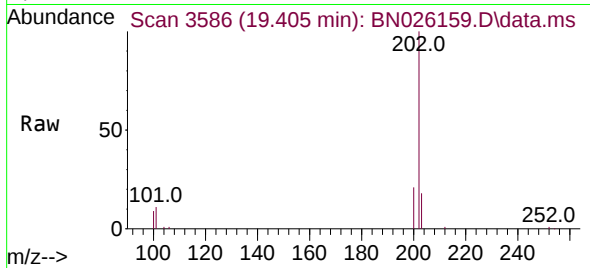
Tgt Ion:178 Resp: 1748  
Ion Ratio Lower Upper  
178 100  
179 30.2 12.6 18.8#  
176 27.7 15.1 22.7#





#19  
Fluoranthene  
Concen: 0.407 ng/ul  
RT: 19.405 min Scan# 3586  
Delta R.T. -0.005 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

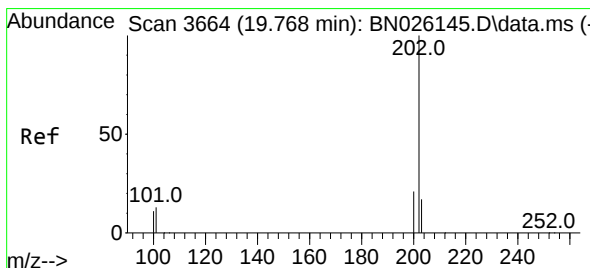
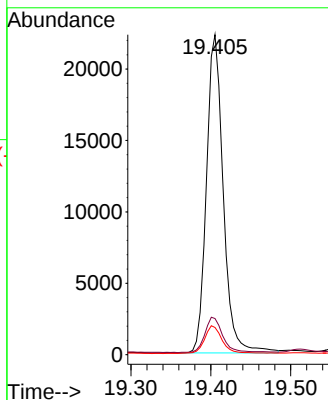
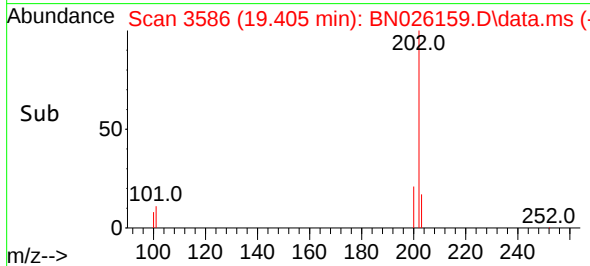
Instrument :  
BNA\_N  
ClientSampleId :  
DCFY7DL



Tgt Ion:202 Resp: 3253  
Ion Ratio Lower Upper  
202 100  
101 11.3 9.5 14.3  
100 8.5 7.3 10.9

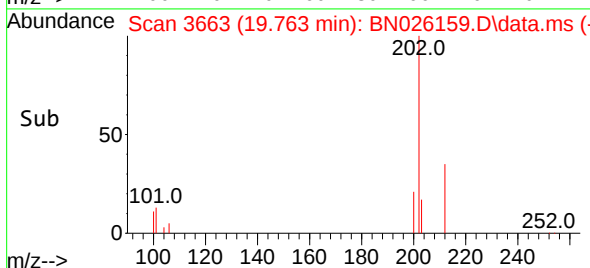
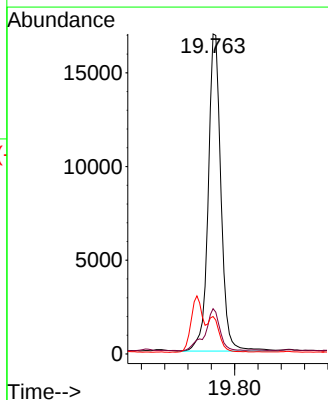
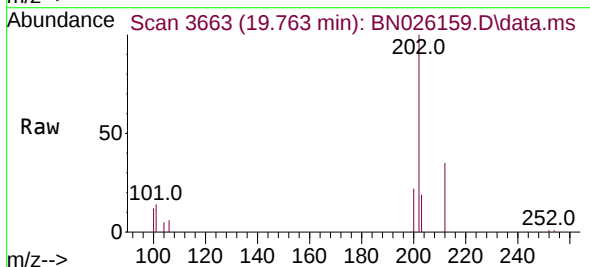
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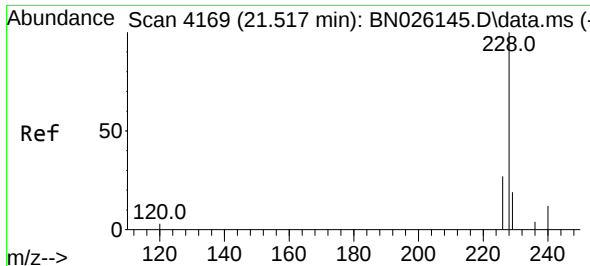
Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023



#20  
Pyrene  
Concen: 0.310 ng/ul  
RT: 19.763 min Scan# 3663  
Delta R.T. -0.010 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

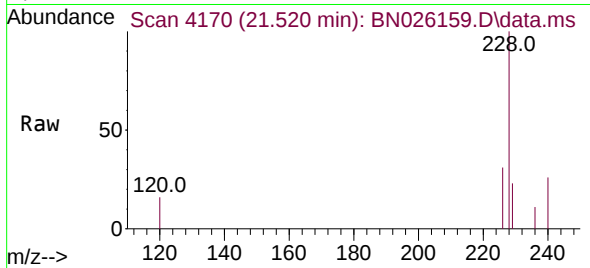
Tgt Ion:202 Resp: 25719  
Ion Ratio Lower Upper  
202 100  
101 14.2 11.4 17.0  
100 11.7 9.1 13.7





#21  
Benzo(a)anthracene  
Concen: 0.210 ng/ul  
RT: 21.520 min Scan# 4169  
Delta R.T. -0.007 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

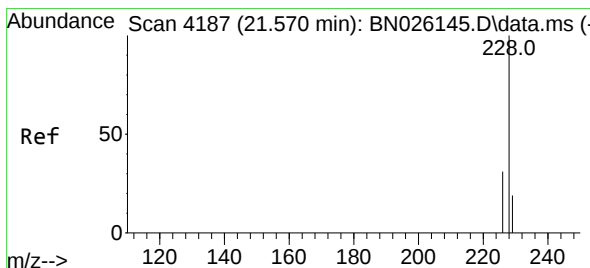
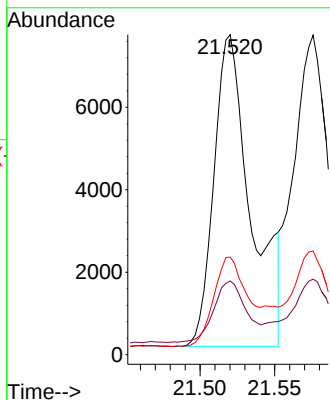
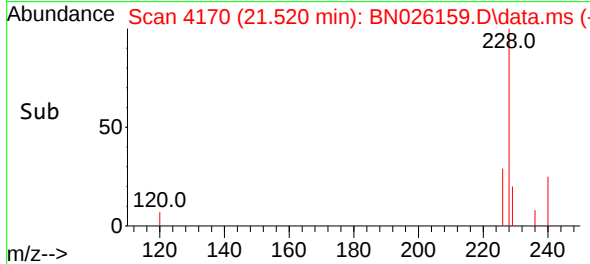
Instrument :  
BNA\_N  
ClientSampleId :  
DCFY7DL



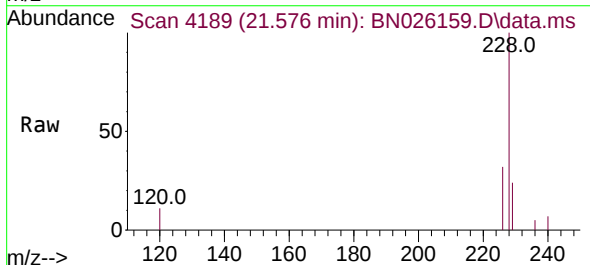
Tgt Ion:228 Resp: 12954  
Ion Ratio Lower Upper  
228 100  
229 23.1 15.8 23.6  
226 30.5 22.5 33.7

Manual Integrations  
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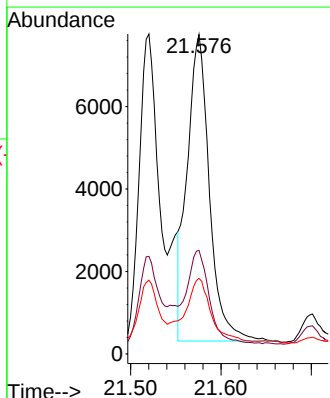
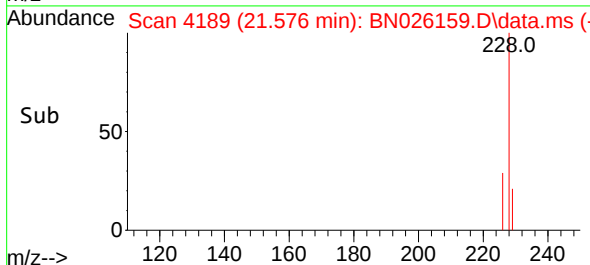
Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023

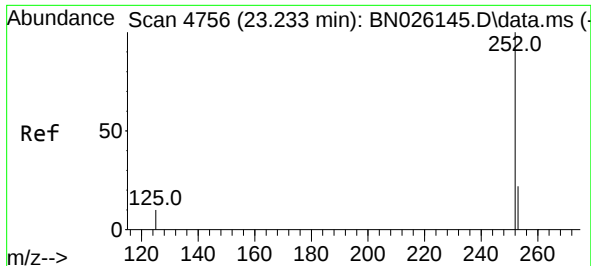


#22  
Chrysene  
Concen: 0.198 ng/ul  
RT: 21.576 min Scan# 4189  
Delta R.T. -0.004 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41



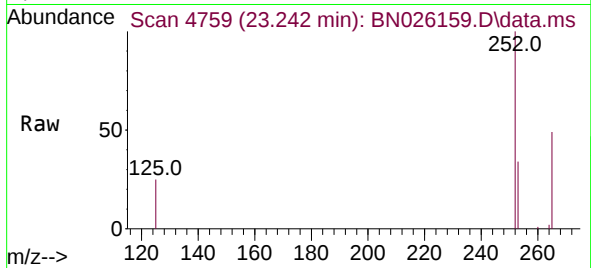
Tgt Ion:228 Resp: 12724  
Ion Ratio Lower Upper  
228 100  
226 32.4 24.8 37.2  
229 23.6 15.7 23.5#





#24  
Benzo(b)fluoranthene  
Concen: 0.322 ng/ul m  
RT: 23.242 min Scan# 4759  
Delta R.T. -0.001 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

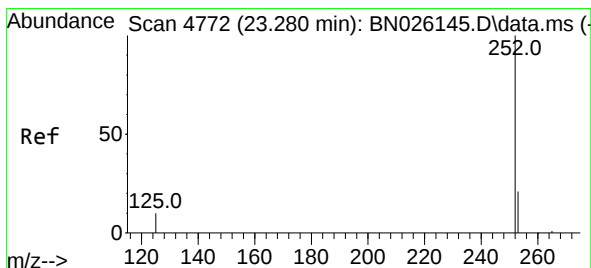
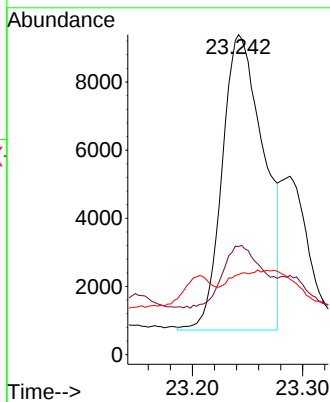
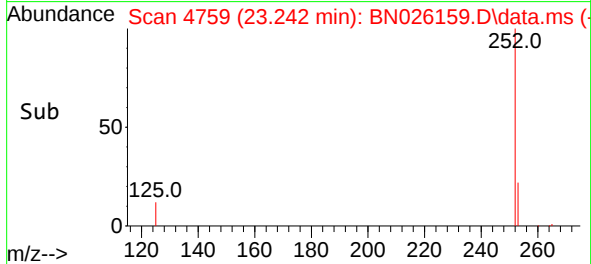
Instrument :  
BNA\_N  
ClientSampleId :  
DCFY7DL



Tgt Ion:252 Resp: 22514  
Ion Ratio Lower Upper  
252 100  
253 33.8 0.0 55.6  
125 25.0 0.0 35.8

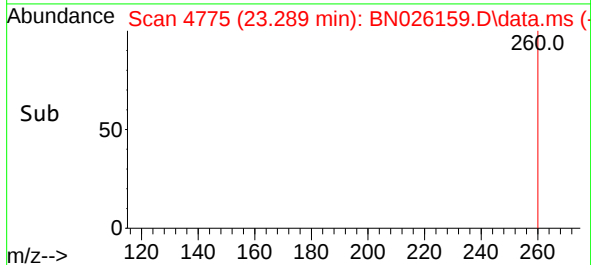
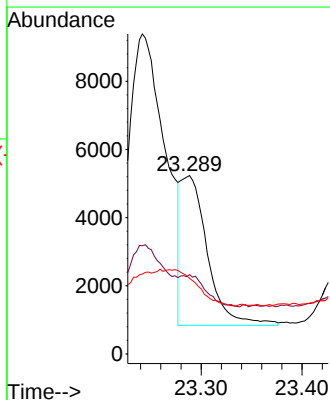
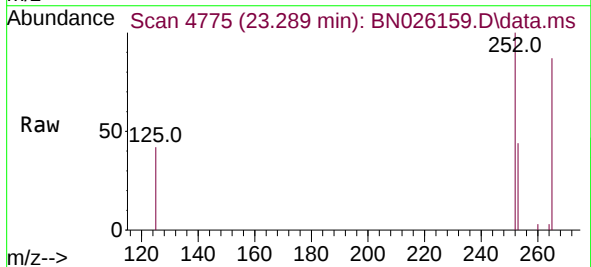
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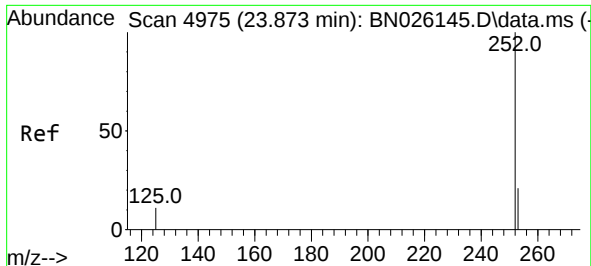
Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023



#25  
Benzo(k)fluoranthene  
Concen: 0.115 ng/ul m  
RT: 23.289 min Scan# 4775  
Delta R.T. -0.004 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

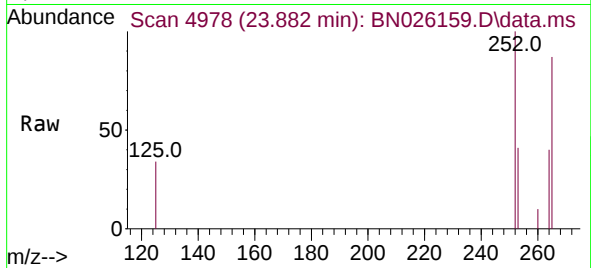
Tgt Ion:252 Resp: 8111  
Ion Ratio Lower Upper  
252 100  
253 44.5 23.2 34.8#  
125 42.3 15.0 22.4#





#26  
Benzo(a)pyrene  
Concen: 0.187 ng/ul  
RT: 23.882 min Scan# 4975  
Delta R.T. -0.004 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

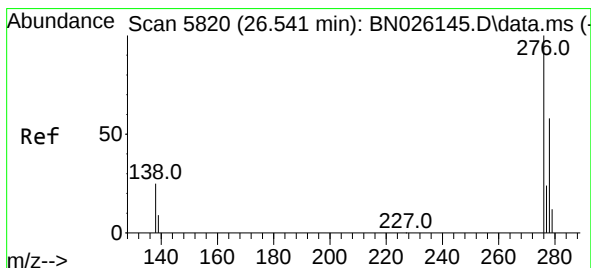
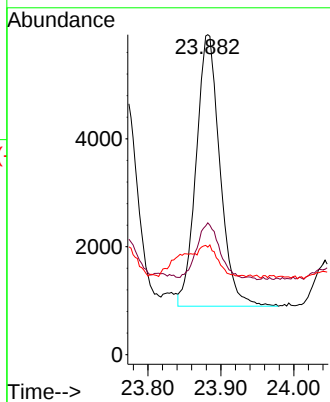
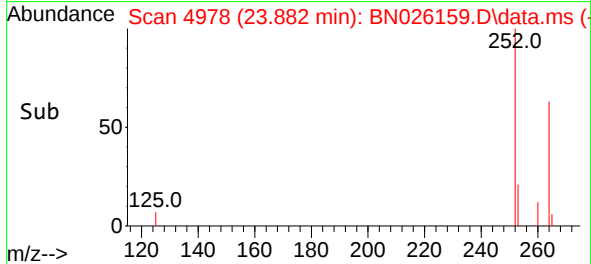
Instrument :  
BNA\_N  
ClientSampleId :  
DCFY7DL



Tgt Ion:252 Resp: 1137  
Ion Ratio Lower Upper  
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253 41.2 26.0 39.0  
125 33.6 17.3 25.9

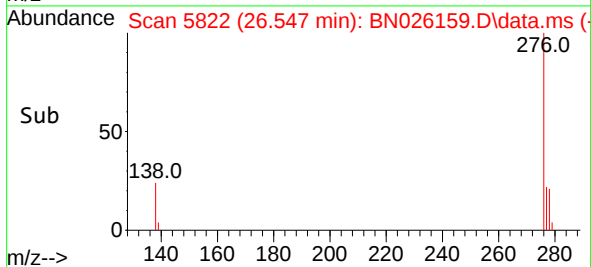
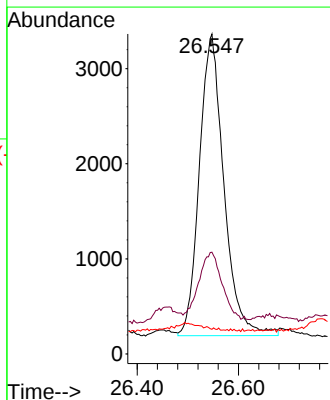
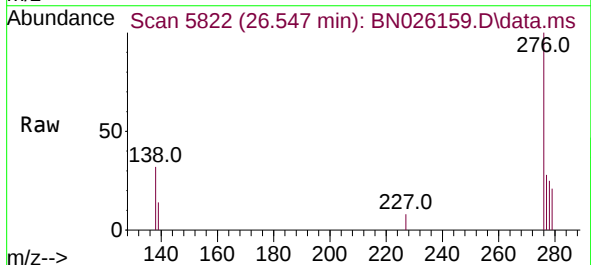
Manual Integrations  
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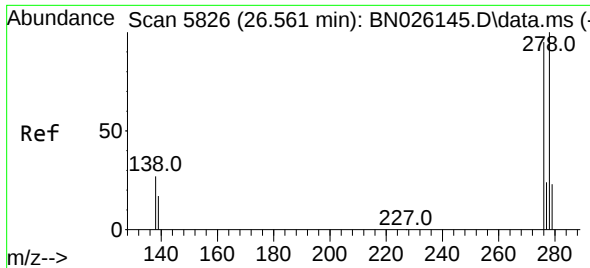
Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.160 ng/ul  
RT: 26.547 min Scan# 5822  
Delta R.T. -0.011 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

Tgt Ion:276 Resp: 10649  
Ion Ratio Lower Upper  
276 100  
138 23.2 24.5 36.7  
227 0.0 0.0 0.0





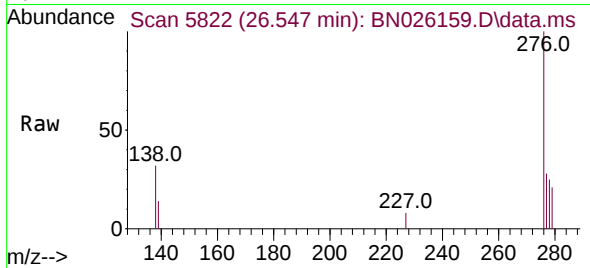
#28  
Dibenzo(a,h)anthracene  
Concen: 0.052 ng/ul  
RT: 26.547 min Scan# 5822  
Delta R.T. -0.031 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41

Instrument :

BNA\_N

ClientSampleId :

DCFY7DL

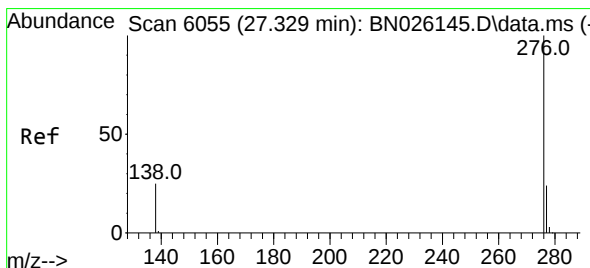
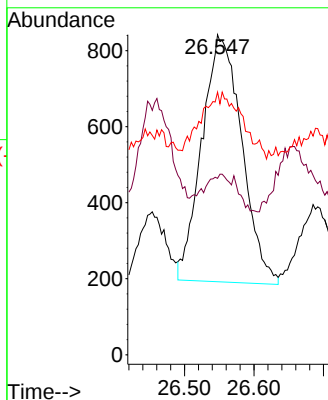
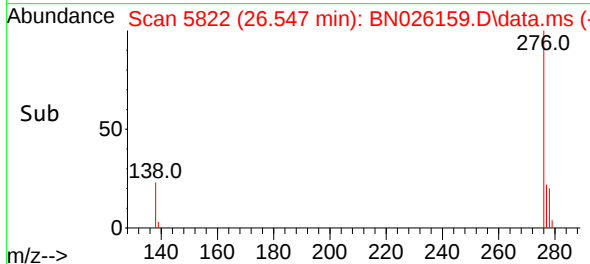


Tgt Ion:278 Resp: 2592  
Ion Ratio Lower Upper  
278 100  
139 55.1 19.0 28.4#  
279 82.1 26.7 40.1#

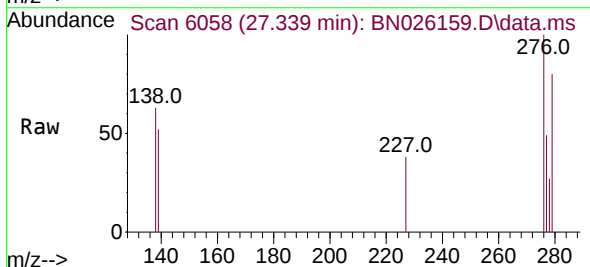
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023



#29  
Benzo(g,h,i)perylene  
Concen: 0.031 ng/ul  
RT: 27.339 min Scan# 6058  
Delta R.T. -0.007 min  
Lab File: BN026159.D  
Acq: 01 Jul 2023 19:41



Tgt Ion:276 Resp: 1821  
Ion Ratio Lower Upper  
276 100  
138 63.1 23.4 35.0#  
277 49.4 20.0 30.0#

