

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071221\  
 Data File : BN015501.D  
 Acq On : 12 Jul 2021 22:00  
 Operator : CG/JU  
 Sample : M2808-22DL 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDX9DL

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Quant Time: Jul 13 08:29:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 13 06:18:23 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.808  | 152  | 3816     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.595 | 136  | 12658    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.446 | 164  | 6294     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.191 | 188  | 12304    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.386 | 240  | 10302    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.739 | 264  | 9706     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.315  | 96   | 2884     | 0.671 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.190 | 152  | 658      | 0.033 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.225 | 212  | 1395     | 0.041 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.164 | 152  | 1584     | 0.049 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.234 | 178  | 5873     | 0.132 | ng/ul  | 98       |
| 16) Anthracene              | 17.326 | 178  | 2400     | 0.061 | ng/ul# | 94       |
| 19) Fluoranthene            | 19.257 | 202  | 25461    | 0.535 | ng/ul  | 100      |
| 20) Pyrene                  | 19.615 | 202  | 20862    | 0.437 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.369 | 228  | 13793    | 0.361 | ng/ul  | 95       |
| 22) Chrysene                | 21.422 | 228  | 11424    | 0.250 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.026 | 252  | 13726m   | 0.303 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.067 | 252  | 5158m    | 0.101 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.631 | 252  | 9191     | 0.241 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.162 | 276  | 5381     | 0.117 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.172 | 278  | 1482     | 0.041 | ng/ul# | 61       |
| 29) Benzo(g,h,i)perylene    | 26.904 | 276  | 886      | 0.021 | ng/ul# | 62       |
| -----                       |        |      |          |       |        |          |

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

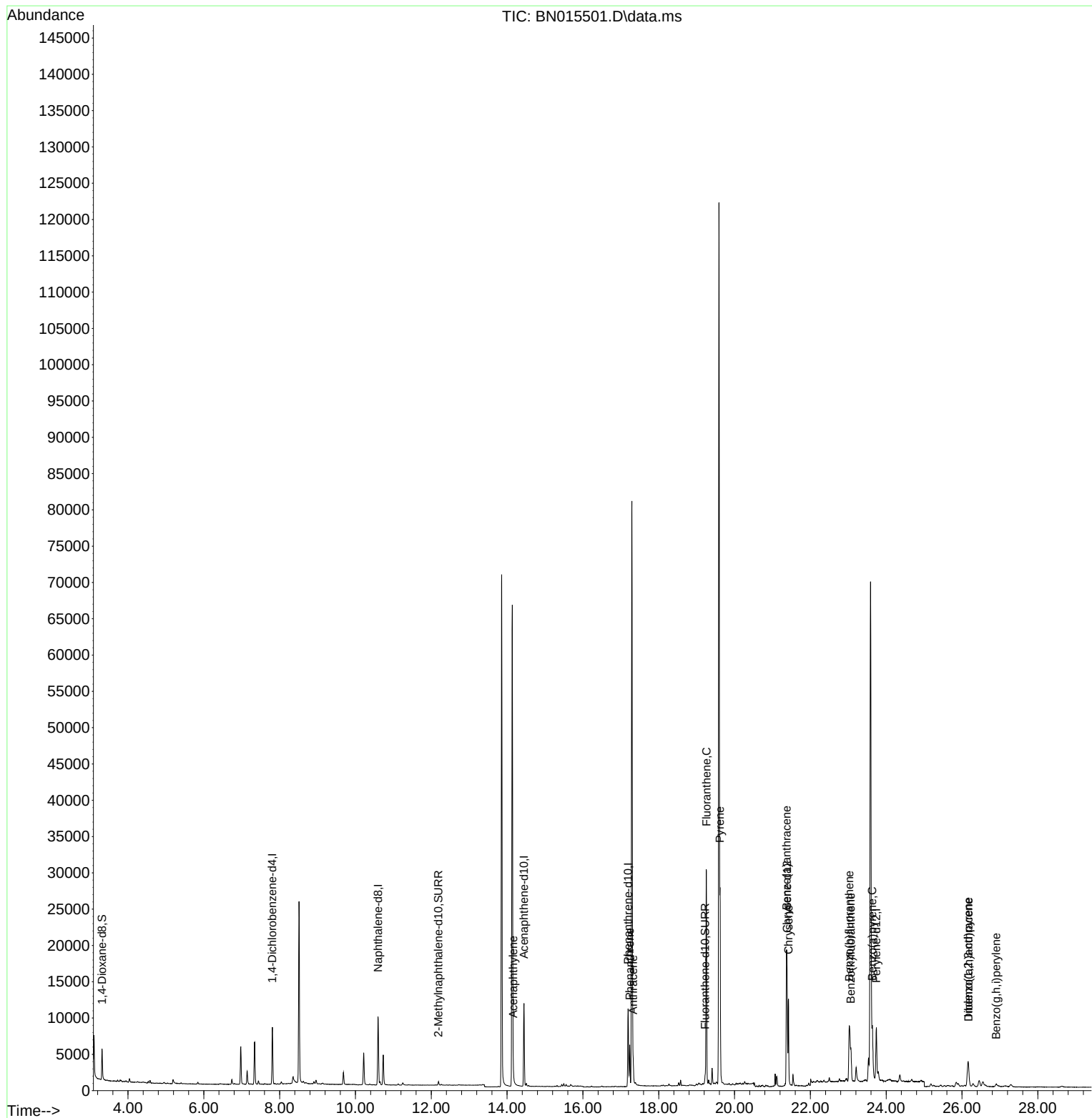
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071221\  
Data File : BN015501.D  
Acq On : 12 Jul 2021 22:00  
Operator : CG/JU  
Sample : M2808-22DL 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

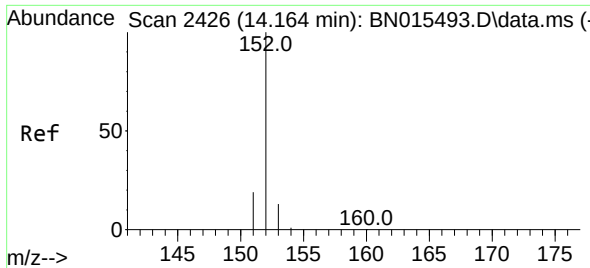
Instrument :  
BNA\_N  
ClientSampleId :  
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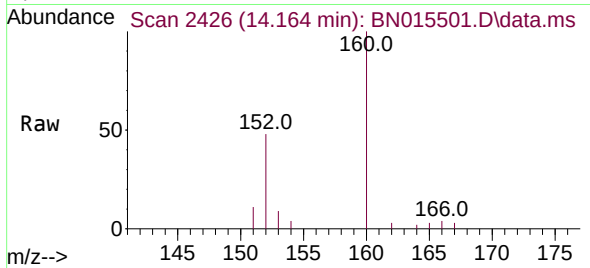
Quant Time: Jul 13 08:29:22 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 13 06:18:23 2021  
Response via : Initial Calibration





#10  
Acenaphthylene  
Concen: 0.049 ng/ul  
RT: 14.164 min Scan# 2426  
Delta R.T. 0.004 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00

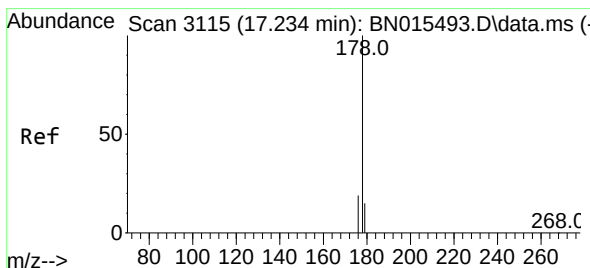
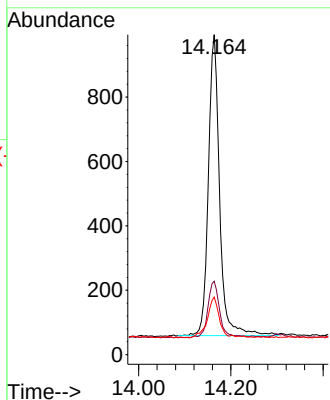
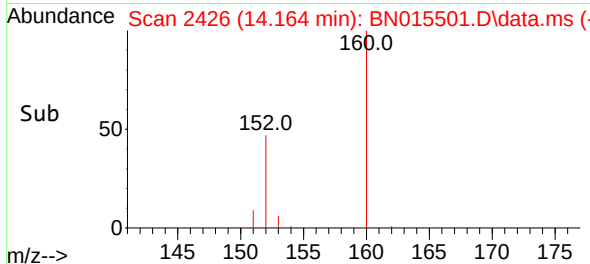
Instrument :  
BNA\_N  
ClientSampleId :  
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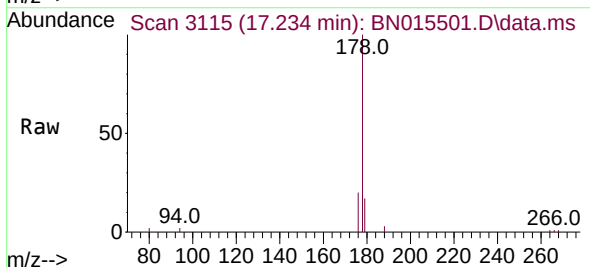
Tgt Ion:152 Resp: 1584  
Ion Ratio Lower Upper  
152 100  
151 22.9 16.0 24.0  
153 18.0 10.9 16.3#

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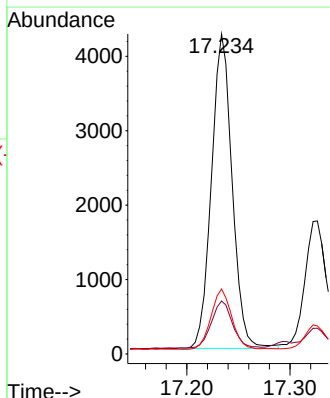
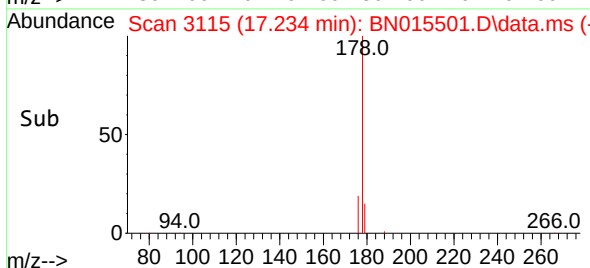
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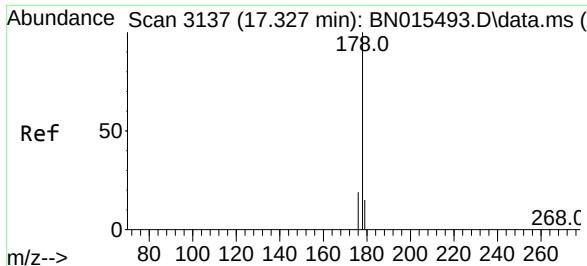


#15  
Phenanthrene  
Concen: 0.132 ng/ul  
RT: 17.234 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00



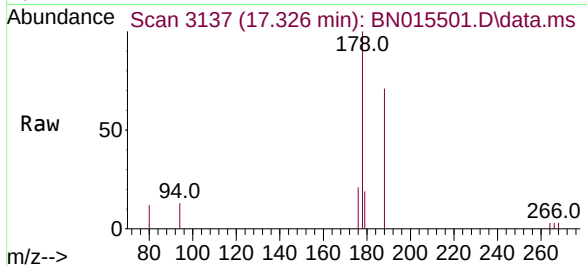
Tgt Ion:178 Resp: 5873  
Ion Ratio Lower Upper  
178 100  
179 16.5 12.3 18.5  
176 20.3 15.5 23.3





#16  
 Anthracene  
 Concen: 0.061 ng/ul  
 RT: 17.326 min Scan# 3137  
 Delta R.T. -0.000 min  
 Lab File: BN015501.D  
 Acq: 12 Jul 2021 22:00

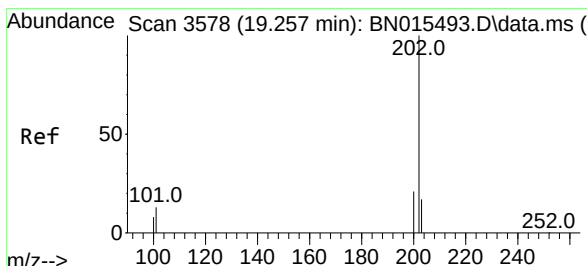
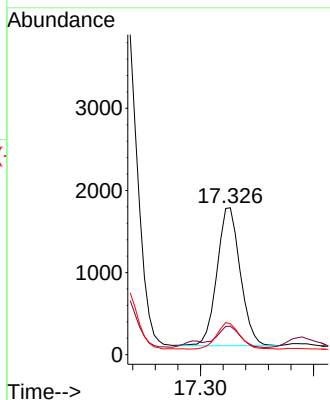
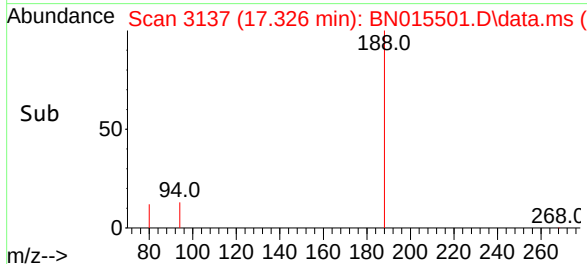
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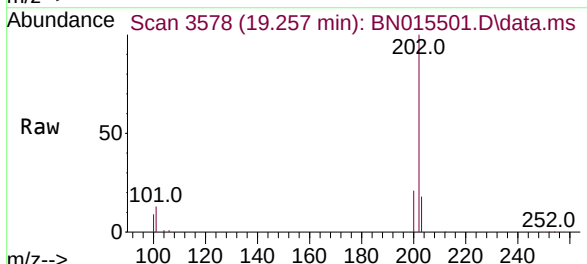
Tgt Ion:178 Resp: 2400  
 Ion Ratio Lower Upper  
 178 100  
 179 19.4 12.8 19.2#  
 176 21.0 15.2 22.8

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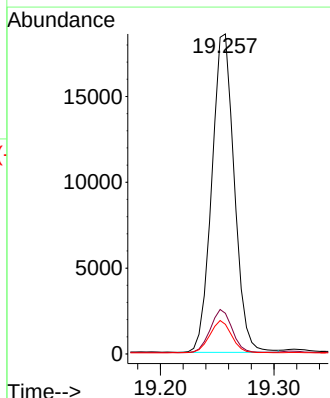
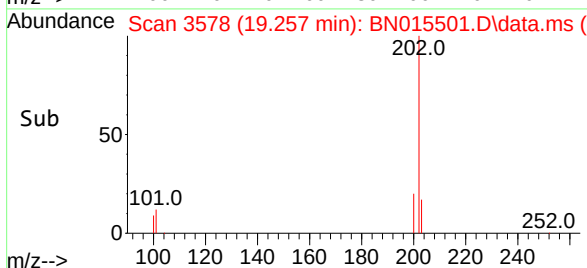
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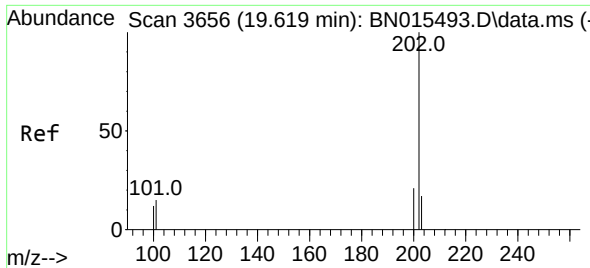


#19  
 Fluoranthene  
 Concen: 0.535 ng/ul  
 RT: 19.257 min Scan# 3578  
 Delta R.T. -0.000 min  
 Lab File: BN015501.D  
 Acq: 12 Jul 2021 22:00



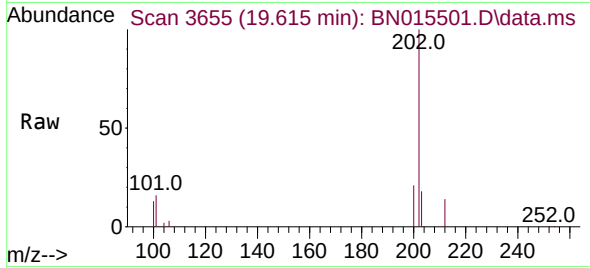
Tgt Ion:202 Resp: 25461  
 Ion Ratio Lower Upper  
 202 100  
 101 12.7 10.1 15.1  
 100 9.3 7.4 11.0





#20  
Pyrene  
Concen: 0.437 ng/ul  
RT: 19.615 min Scan# 3655  
Delta R.T. -0.005 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00

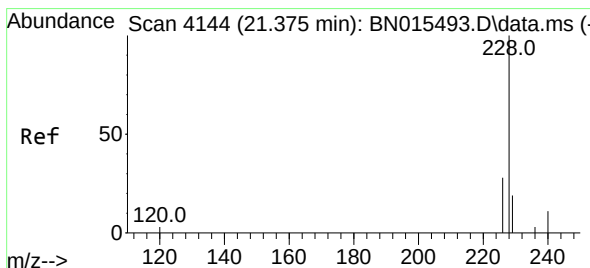
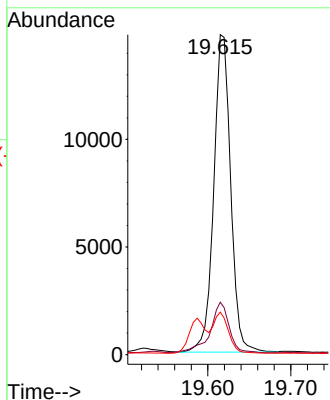
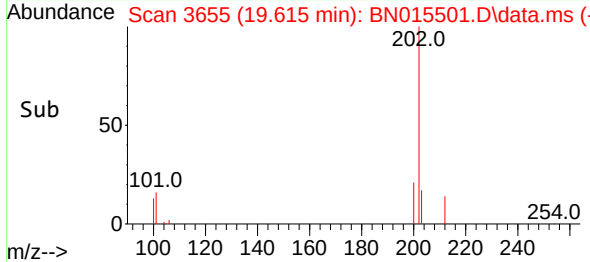
Instrument :  
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ClientSampleId :  
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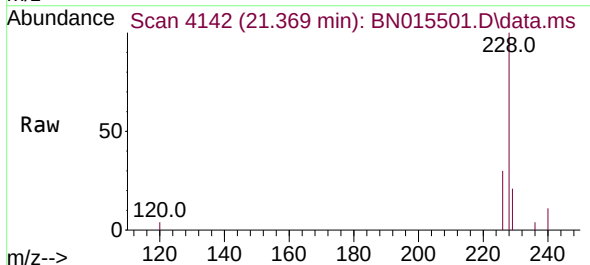
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 16.4  | 12.0  | 18.0  |
| 100     | 13.3  | 9.6   | 14.4  |

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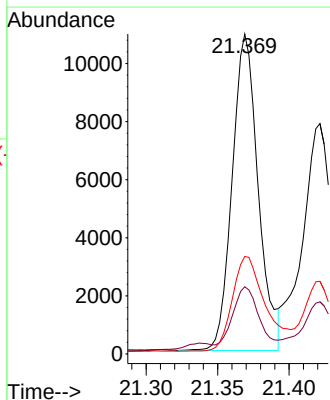
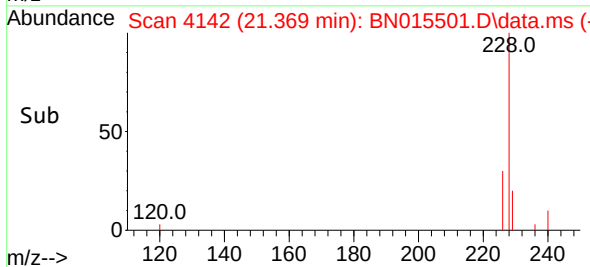
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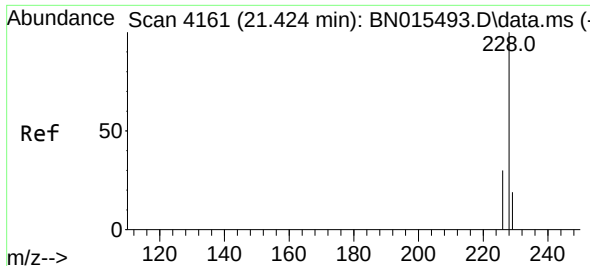


#21  
Benzo(a)anthracene  
Concen: 0.361 ng/ul  
RT: 21.369 min Scan# 4142  
Delta R.T. -0.006 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00

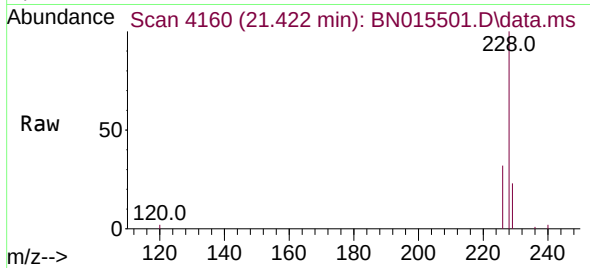


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 21.0  | 15.8  | 23.8  |
| 226     | 30.4  | 21.8  | 32.8  |

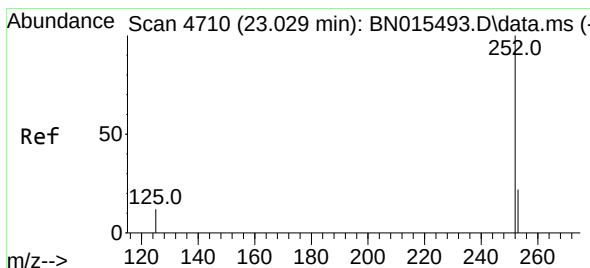
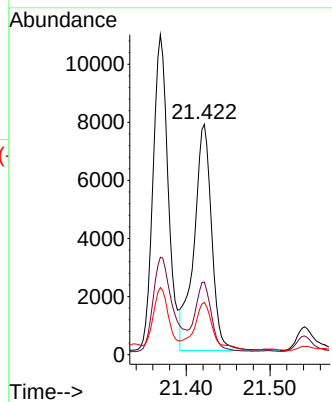
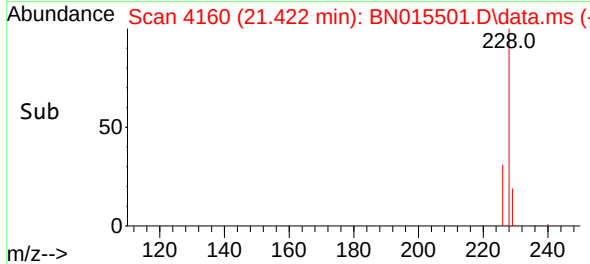




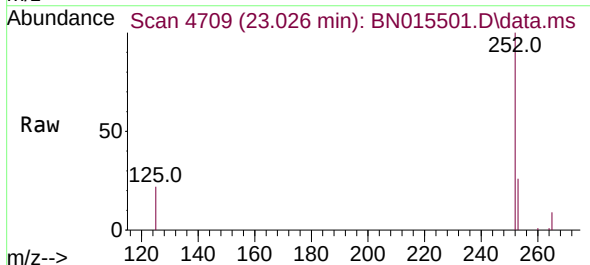
#22  
Chrysene  
Concen: 0.250 ng/ul  
RT: 21.422 min Scan# 4160  
Delta R.T. -0.006 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00



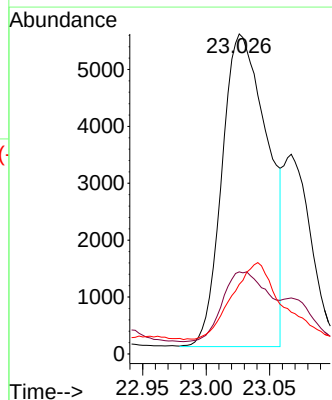
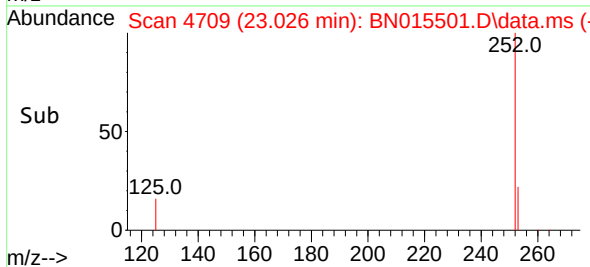
Tgt Ion:228 Resp: 11424  
Ion Ratio Lower Upper  
228 100  
226 31.6 24.6 37.0  
229 22.6 15.7 23.5



#24  
Benzo(b)fluoranthene  
Concen: 0.303 ng/ul m  
RT: 23.026 min Scan# 4709  
Delta R.T. -0.003 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00



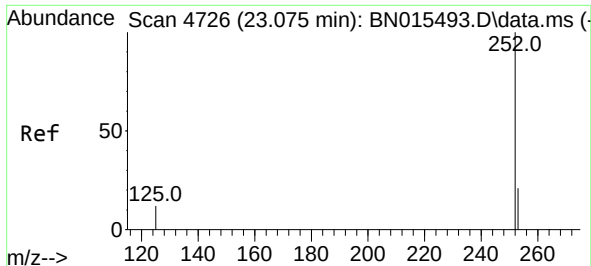
Tgt Ion:252 Resp: 13726  
Ion Ratio Lower Upper  
252 100  
253 25.7 0.0 45.6  
125 21.7 0.0 28.4



Instrument :  
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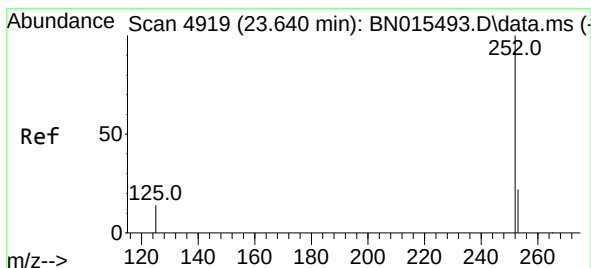
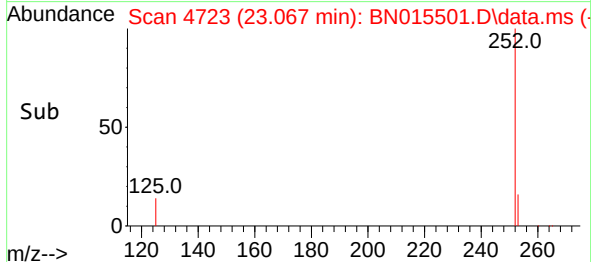
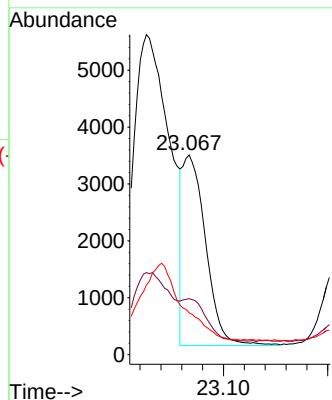
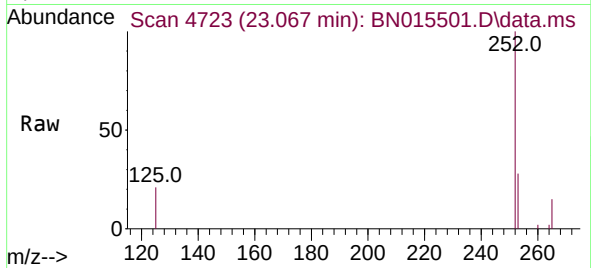
#25  
Benzo(k)fluoranthene  
Concen: 0.101 ng/ul m  
RT: 23.067 min Scan# 4723  
Delta R.T. -0.012 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00

Tgt Ion:252 Resp: 5158  
Ion Ratio Lower Upper  
252 100  
253 28.0 18.1 27.1#  
125 20.9 11.5 17.3#

Instrument :  
BNA\_N  
ClientSampleId :  
BGDX9DL

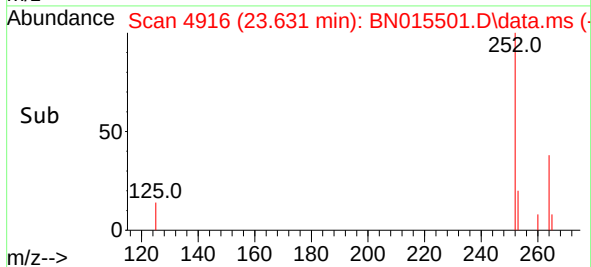
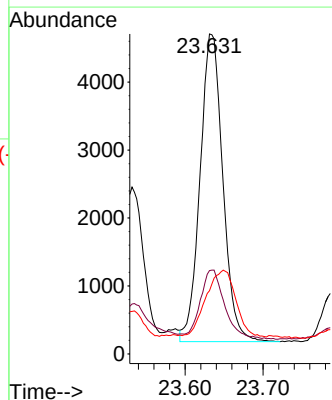
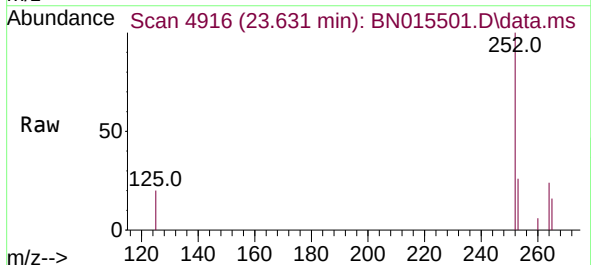
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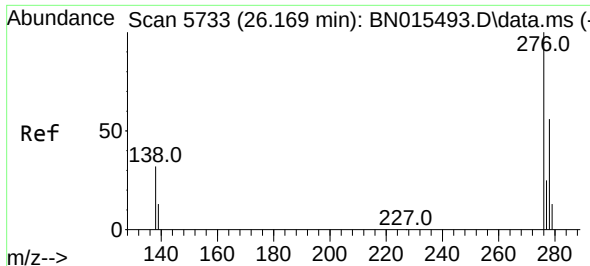
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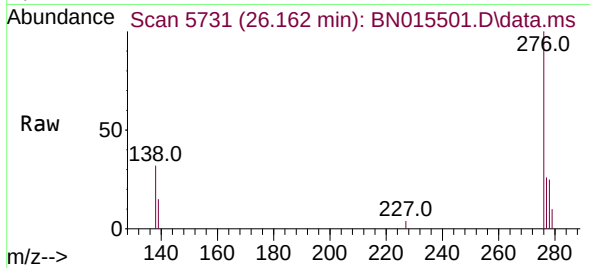
#26  
Benzo(a)pyrene  
Concen: 0.241 ng/ul  
RT: 23.631 min Scan# 4916  
Delta R.T. -0.009 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00

Tgt Ion:252 Resp: 9191  
Ion Ratio Lower Upper  
252 100  
253 26.1 18.9 28.3  
125 19.8 13.5 20.3

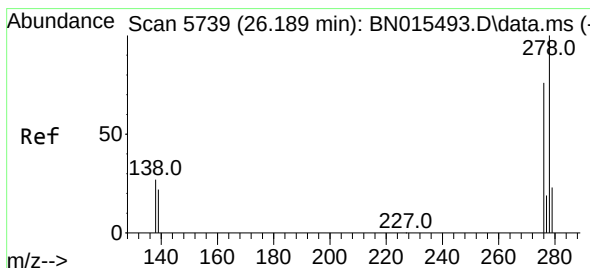
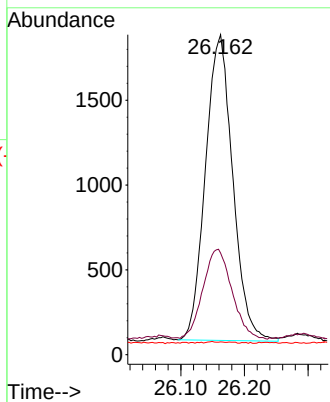
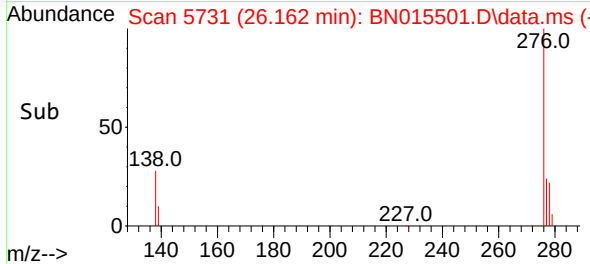




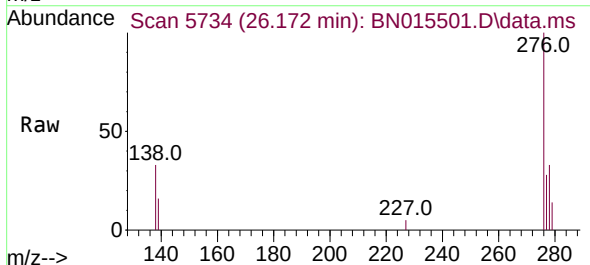
#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.117 ng/ul  
RT: 26.162 min Scan# 5731  
Delta R.T. -0.007 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00



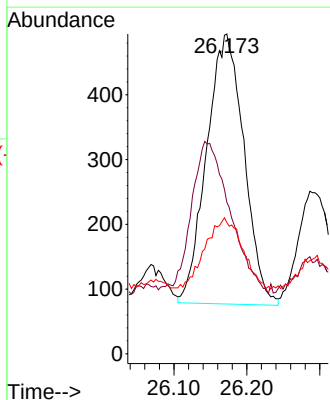
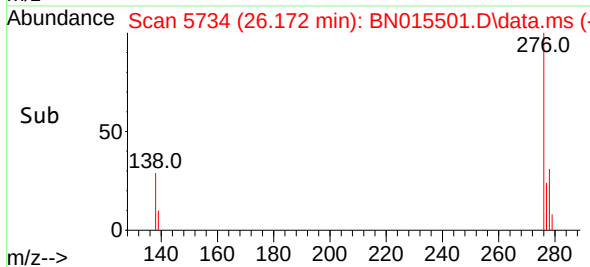
Tgt Ion: 276 Resp: 5381  
Ion Ratio Lower Upper  
276 100  
138 31.3 26.3 39.5  
227 0.2 0.1 0.1#



#28  
Dibenzo(a,h)anthracene  
Concen: 0.041 ng/ul  
RT: 26.172 min Scan# 5734  
Delta R.T. -0.017 min  
Lab File: BN015501.D  
Acq: 12 Jul 2021 22:00



Tgt Ion: 278 Resp: 1482  
Ion Ratio Lower Upper  
278 100  
139 47.4 18.9 28.3#  
279 41.1 20.8 31.2#

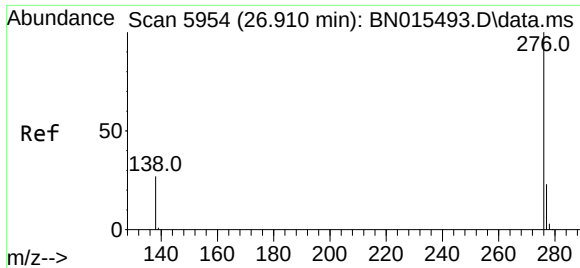


Instrument :  
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BGDX9DL

Manual Integrations  
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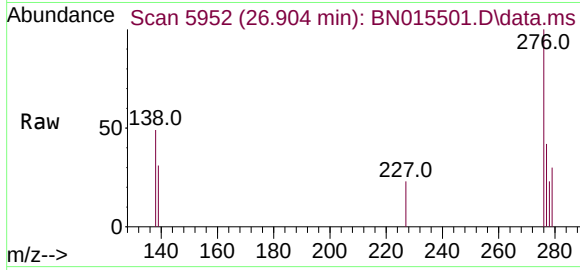
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#29  
 Benzo(g,h,i)perylene  
 Concen: 0.021 ng/ul  
 RT: 26.904 min Scan# 5952  
 Delta R.T. -0.007 min  
 Lab File: BN015501.D  
 Acq: 12 Jul 2021 22:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDX9DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 886   |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 138      | 49.2  | 23.0  | 34.4# |
| 277      | 42.3  | 19.3  | 28.9# |

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