

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061021\  
 Data File : BN014863.D  
 Acq On : 10 Jun 2021 14:00  
 Operator : CG/JU  
 Sample : M2618-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BG5R0

Manual Integrations  
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Quant Time: Jun 10 14:49:13 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN052521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 10 11:55:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.704  | 152  | 155410   | 20.00 | ng/ul  | 0.01     |
| 20) Naphthalene-d8            | 10.486 | 136  | 607914   | 20.00 | ng/ul  | 0.01     |
| 38) Acenaphthene-d10          | 14.351 | 164  | 432476   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 954236   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 925870   | 20.00 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.562 | 264  | 1034540  | 20.00 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.216  | 96   | 16662    | 4.37  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.646  | 84   | 3056     | 0.32  | ng/ul  | 0.03     |
| 7) Phenol-d5                  | 6.875  | 99   | 334439   | 21.98 | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.034  | 67   | 167876   | 22.19 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.234  | 132  | 258003   | 27.38 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.404  | 113  | 264678   | 22.37 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.851  | 128  | 120444   | 26.30 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.569  | 143  | 138956   | 28.23 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.110 | 165  | 272775   | 24.31 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.622 | 131  | 302631   | 22.87 | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.757 | 166  | 882175   | 25.67 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.039 | 160  | 1059279  | 26.66 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.563 | 143  | 99377    | 18.21 | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.351 | 176  | 788930   | 26.65 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.469 | 200  | 53673    | 10.28 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.204 | 188  | 1231859  | 27.63 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.509 | 212  | 1355317  | 31.05 | ng/ul  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.421 | 264  | 1576480  | 28.61 | ng/ul  | 0.01     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       | Qvalue |          |
| 6) Benzaldehyde               | 6.857  | 77   | 11116    | 1.36  | ng/ul# | 85       |
| 16) Acetophenone              | 8.522  | 105  | 53179    | 2.72  | ng/ul# | 91       |
| 72) Phenanthrene              | 17.151 | 178  | 83686    | 1.68  | ng/ul# | 86       |
| 80) Fluoranthene              | 19.168 | 202  | 148253   | 2.88  | ng/ul  | 98       |
| 82) Pyrene                    | 19.533 | 202  | 146643   | 2.77  | ng/ul# | 96       |
| 85) Benzo(a)anthracene        | 21.292 | 228  | 77763    | 1.35  | ng/ul# | 85       |
| 86) Bis(2-ethylhexyl)phtha... | 21.233 | 149  | 69215    | 2.70  | ng/ul# | 97       |
| 87) Chrysene                  | 21.345 | 228  | 77643m   | 1.34  | ng/ul  |          |
| 90) Benzo(b)fluoranthene      | 22.886 | 252  | 89461    | 1.44  | ng/ul# | 54       |
| 93) Benzo(a)pyrene            | 23.468 | 252  | 71199    | 1.27  | ng/ul# | 55       |
| -----                         |        |      |          |       |        |          |

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

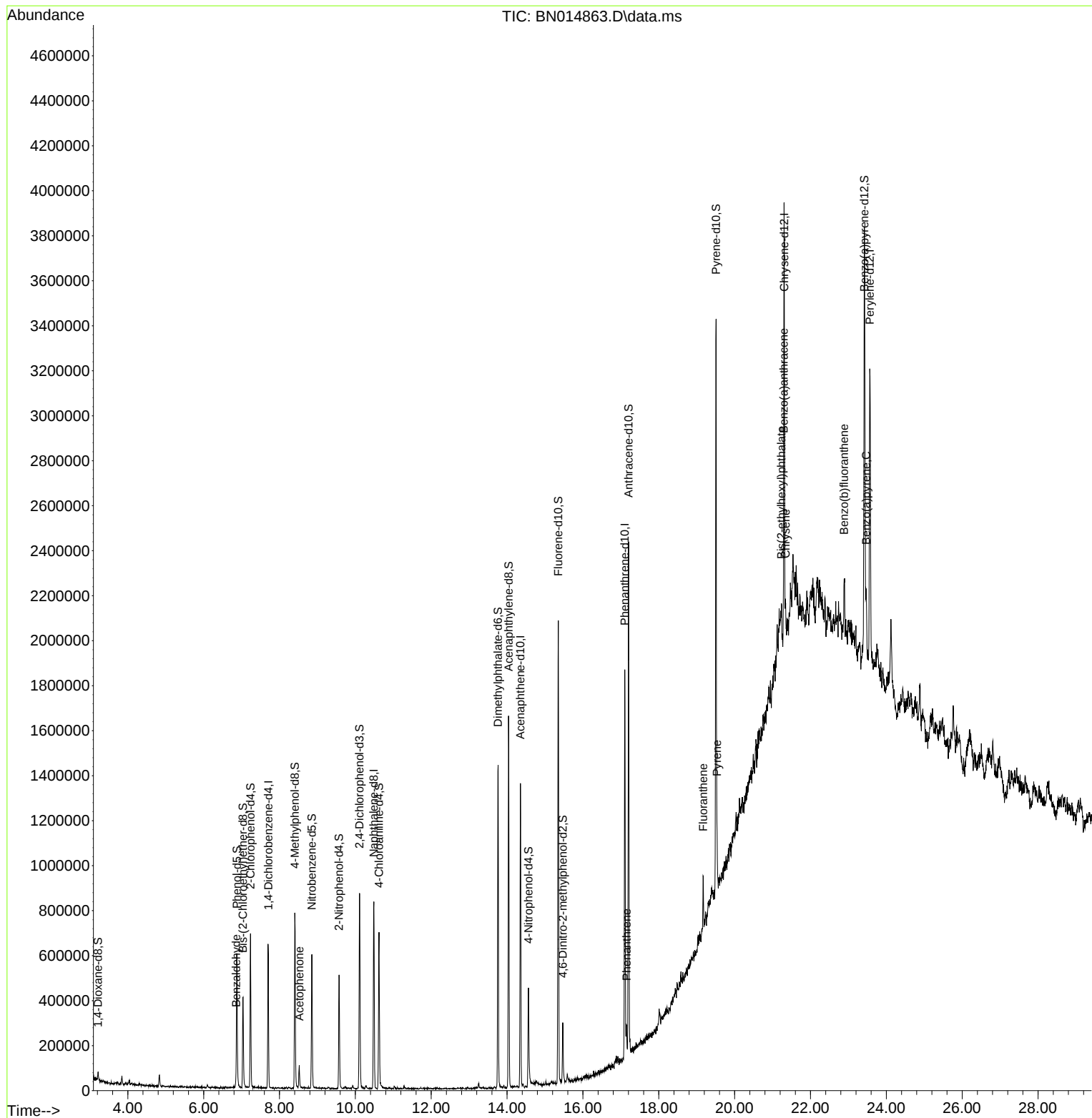
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061021\  
Data File : BN014863.D  
Acq On : 10 Jun 2021 14:00  
Operator : CG/JU  
Sample : M2618-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

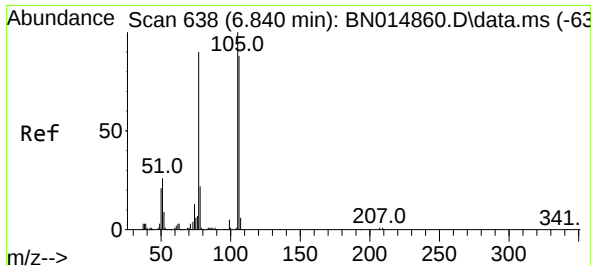
Instrument :  
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 10 11:55:23 2021  
Response via : Initial Calibration





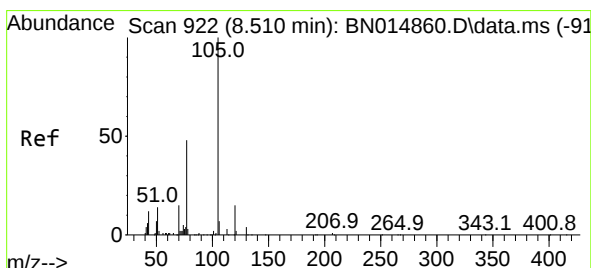
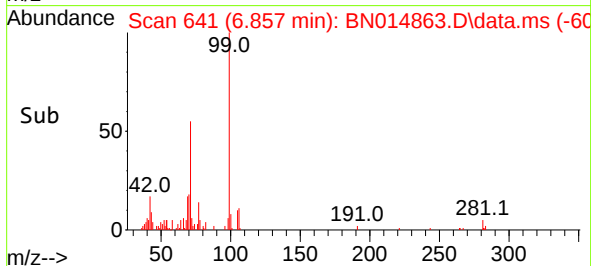
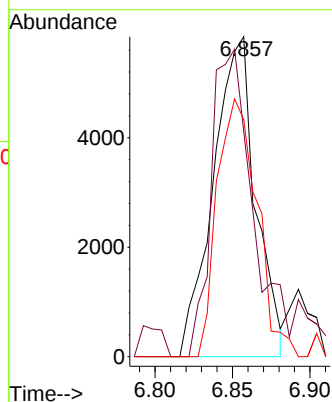
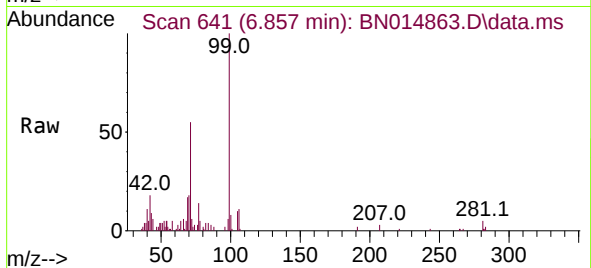
#6  
Benzaldehyde  
Concen: 1.36 ng/ul  
RT: 6.857 min Scan# 641  
Delta R.T. 0.017 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00

Tgt Ion: 77 Resp: 11116  
Ion Ratio Lower Upper  
77 100  
105 70.4 72.2 108.4#  
106 80.3 70.2 105.4

Instrument :  
BNA\_N  
ClientSampled :  
BG5R0

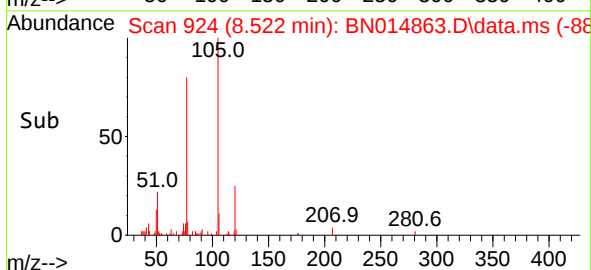
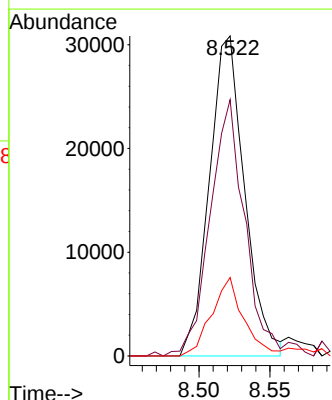
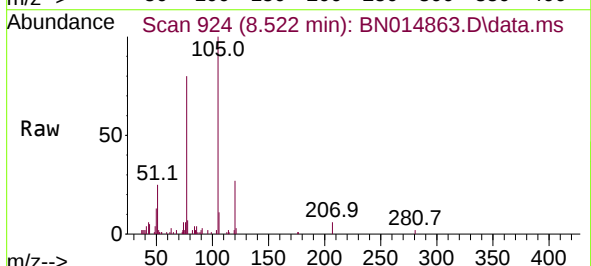
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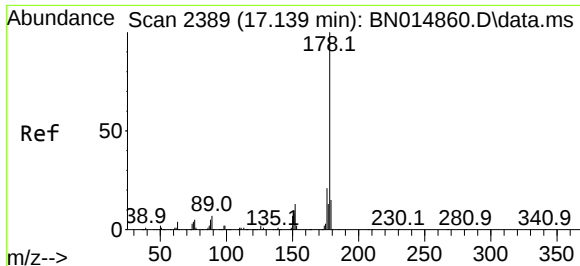
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#16  
Acetophenone  
Concen: 2.72 ng/ul  
RT: 8.522 min Scan# 924  
Delta R.T. 0.011 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00

Tgt Ion: 105 Resp: 53179  
Ion Ratio Lower Upper  
105 100  
77 80.1 70.8 106.2  
51 24.5 15.6 23.4#





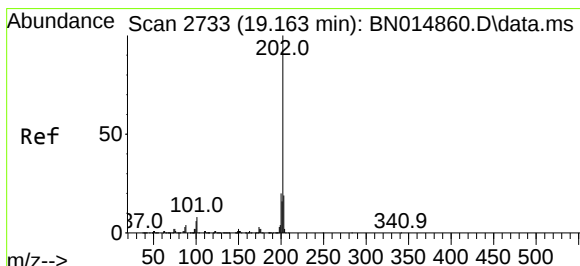
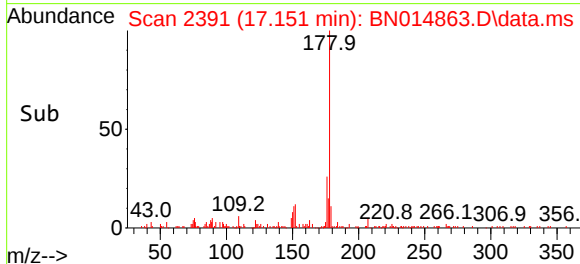
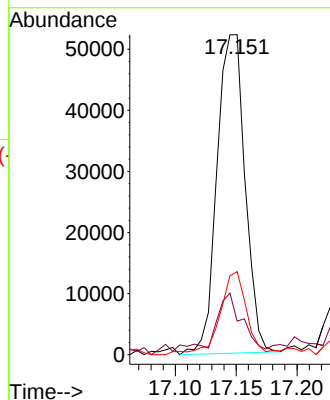
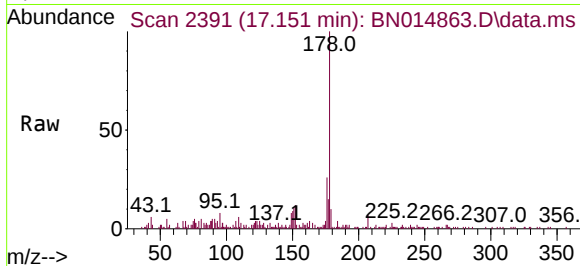
#72  
Phenanthrene  
Concen: 1.68 ng/ul  
RT: 17.151 min Scan# 2391  
Delta R.T. 0.011 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00

Tgt Ion:178 Resp: 83686  
Ion Ratio Lower Upper  
178 100  
179 10.5 12.9 19.3#  
176 25.9 15.4 23.0#

Instrument :  
BNA\_N  
ClientSampled :  
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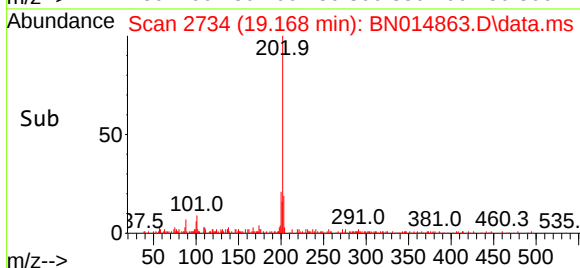
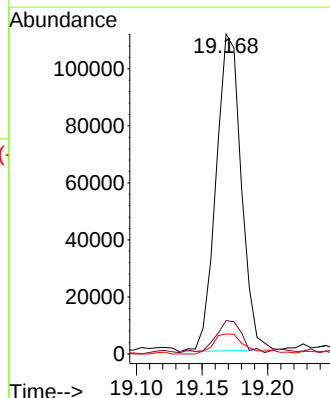
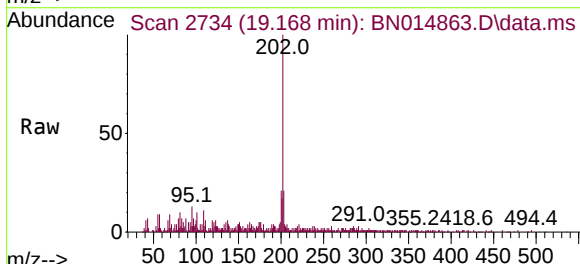
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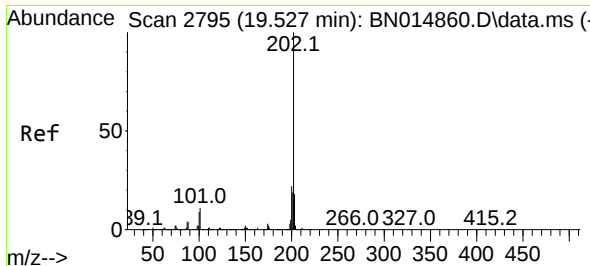
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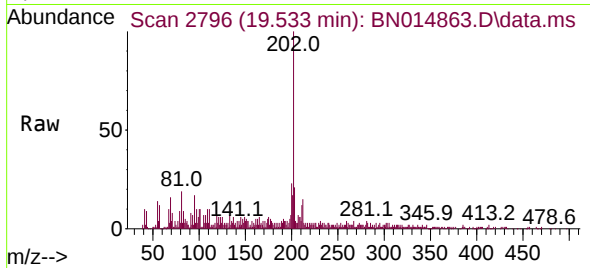
#80  
Fluoranthene  
Concen: 2.88 ng/ul  
RT: 19.168 min Scan# 2734  
Delta R.T. 0.006 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00

Tgt Ion:202 Resp: 148253  
Ion Ratio Lower Upper  
202 100  
101 10.4 7.6 11.4  
100 6.2 5.6 8.4

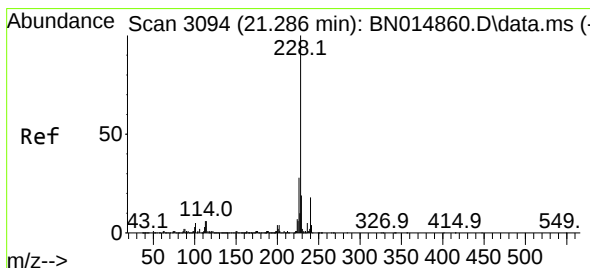
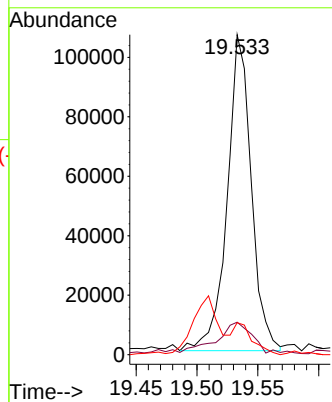
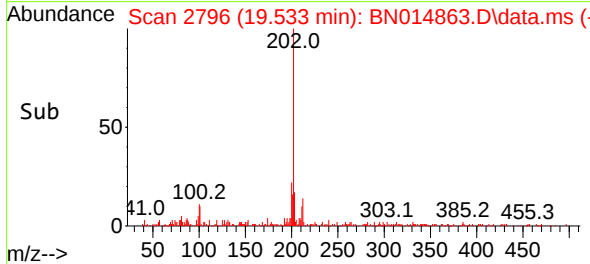




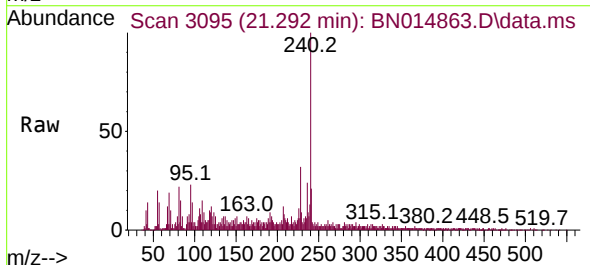
#82  
Pyrene  
Concen: 2.77 ng/ul  
RT: 19.533 min Scan# 2796  
Delta R.T. 0.006 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00



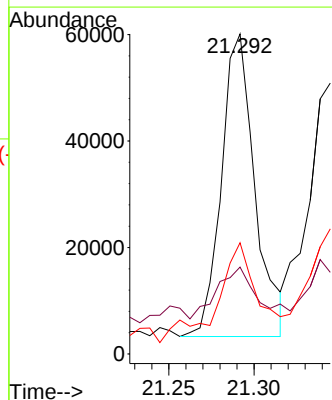
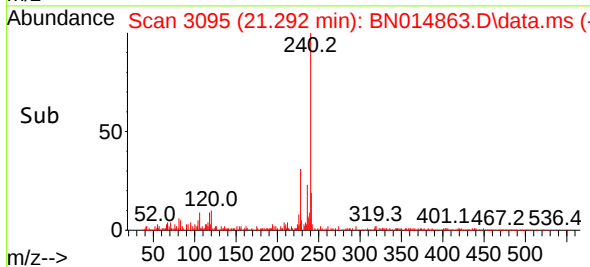
Tgt Ion:202 Resp: 146643  
Ion Ratio Lower Upper  
202 100  
101 10.1 8.7 13.1  
100 10.0 6.2 9.4#



#85  
Benzo(a)anthracene  
Concen: 1.35 ng/ul  
RT: 21.292 min Scan# 3095  
Delta R.T. 0.006 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00



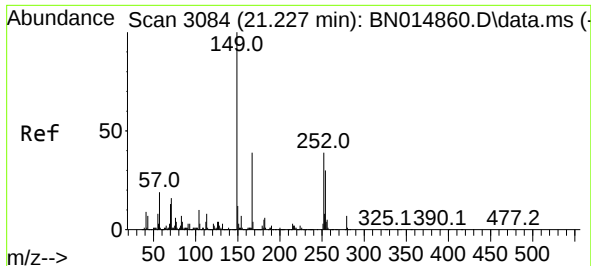
Tgt Ion:228 Resp: 77763  
Ion Ratio Lower Upper  
228 100  
229 27.1 16.2 24.4#  
226 34.7 21.6 32.4#



Instrument :  
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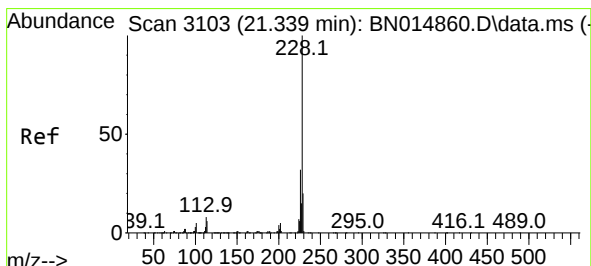
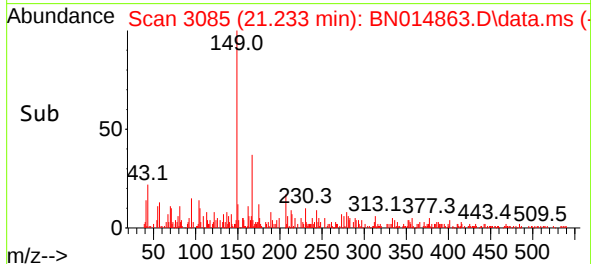
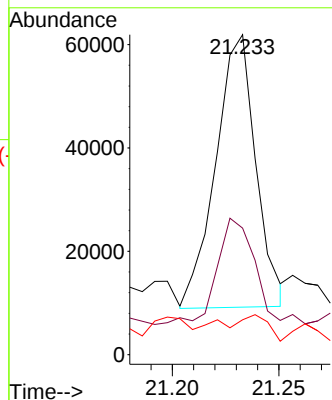
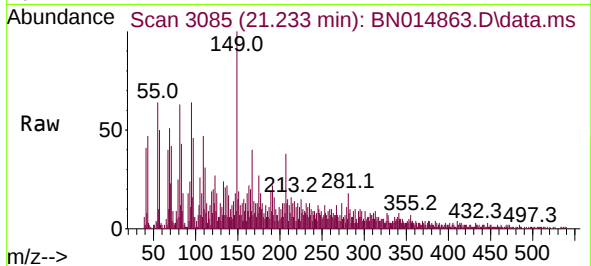
#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.70 ng/ul  
 RT: 21.233 min Scan# 3085  
 Delta R.T. 0.006 min  
 Lab File: BN014863.D  
 Acq: 10 Jun 2021 14:00

Tgt Ion:149 Resp: 69215  
 Ion Ratio Lower Upper  
 149 100  
 167 39.5 30.7 46.1  
 279 10.9 5.1 7.7#

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BG5R0

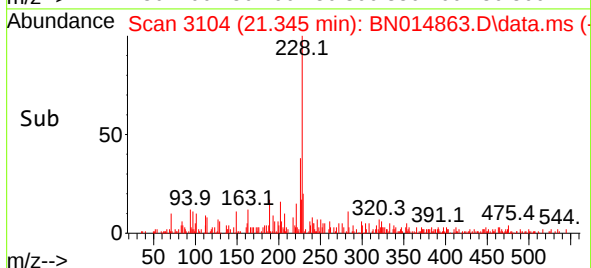
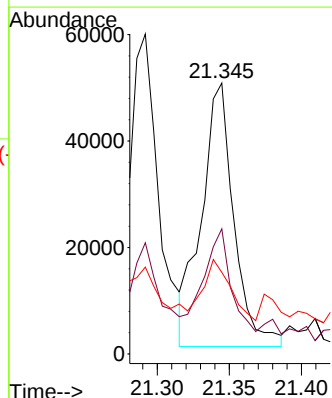
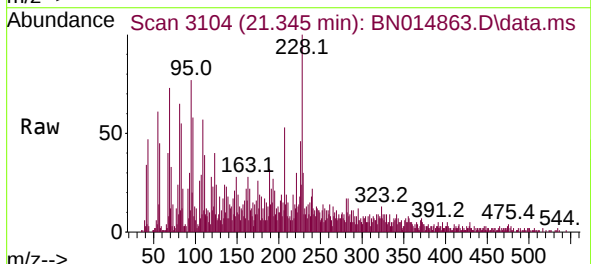
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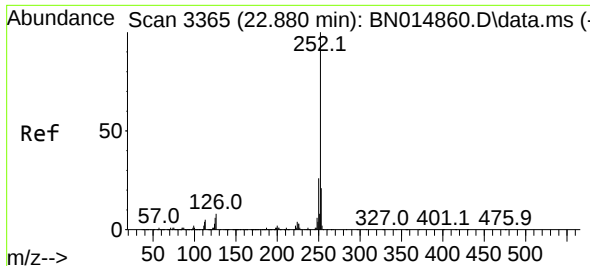
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#87  
 Chrysene  
 Concen: 1.34 ng/ul m  
 RT: 21.345 min Scan# 3104  
 Delta R.T. 0.006 min  
 Lab File: BN014863.D  
 Acq: 10 Jun 2021 14:00

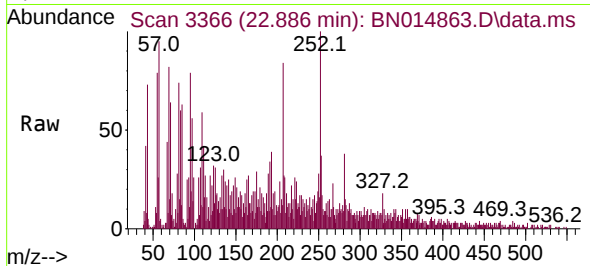
Tgt Ion:228 Resp: 77643  
 Ion Ratio Lower Upper  
 228 100  
 226 46.2 23.8 35.6#  
 229 30.1 14.8 22.2#





#90  
Benzo(b)fluoranthene  
Concen: 1.44 ng/ul  
RT: 22.886 min Scan# 3366  
Delta R.T. 0.006 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00

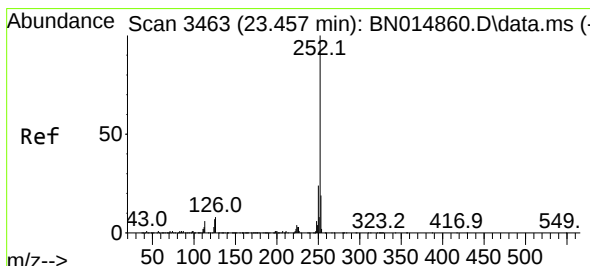
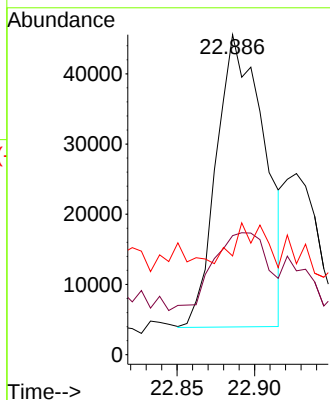
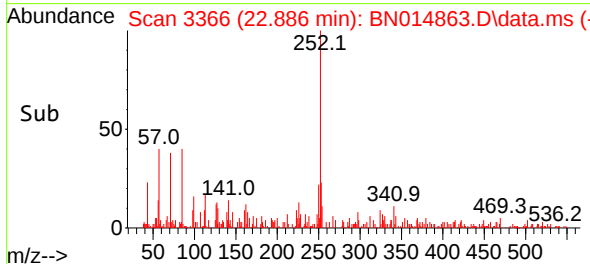
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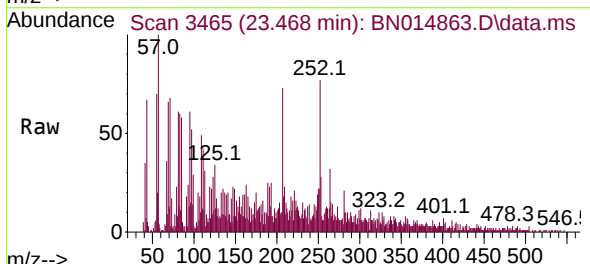
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Ion Ratio Lower Upper  
252 100  
253 37.2 15.8 23.8#  
125 30.8 4.3 6.5#

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#93  
Benzo(a)pyrene  
Concen: 1.27 ng/ul  
RT: 23.468 min Scan# 3465  
Delta R.T. 0.011 min  
Lab File: BN014863.D  
Acq: 10 Jun 2021 14:00



Tgt Ion:252 Resp: 71199  
Ion Ratio Lower Upper  
252 100  
253 36.5 18.8 28.2#  
125 44.1 5.4 8.2#

