

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
 Data File : BM030742.D  
 Acq On : 01 Jul 2021 14:23  
 Operator : CG/JU  
 Sample : M2825-06  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDR0

Manual Integrations  
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 7/2/2021 12:02:42 PM

Quant Time: Jul 01 15:10:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 01 05:56:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 67100    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.557 | 136  | 250220   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.404 | 164  | 140341   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.145 | 188  | 272435   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.309 | 240  | 296061   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.562 | 264  | 337888   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 2461     | 1.487  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.752  | 84   | 9125m    | 2.052  | ng/ul  | 0.07     |
| 7) Phenol-d5                  | 6.946  | 99   | 36774    | 6.355  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.110  | 67   | 26790    | 7.365  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.310  | 132  | 32341    | 7.240  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.481  | 113  | 28104    | 6.240  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.934  | 128  | 13026    | 6.976  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.651  | 143  | 12921    | 6.227  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 24937    | 6.273  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.710 | 131  | 32773    | 5.912  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.816 | 166  | 81731    | 8.434  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.098 | 160  | 96013    | 7.633  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.628 | 143  | 5052m    | 2.752  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.392 | 176  | 72634    | 8.451  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.527 | 200  | 4894     | 2.746  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.239 | 188  | 109693   | 8.627  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.527 | 212  | 123351   | 7.951  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.415 | 264  | 134961   | 7.683  | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 47) Dimethylphthalate         | 13.863 | 163  | 37646    | 3.965  | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.128 | 152  | 14211    | 1.218  | ng/ul  | 97       |
| 52) Acenaphthene              | 14.469 | 153  | 24142    | 2.851  | ng/ul  | 97       |
| 61) Fluorene                  | 15.451 | 166  | 24159    | 2.483  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.186 | 178  | 300472   | 20.538 | ng/ul  | 99       |
| 74) Anthracene                | 17.274 | 178  | 151587   | 10.134 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.198 | 202  | 533375   | 28.152 | ng/ul  | 99       |
| 82) Pyrene                    | 19.557 | 202  | 405508   | 20.369 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.298 | 228  | 310457   | 16.897 | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 39030    | 4.141  | ng/ul# | 99       |
| 87) Chrysene                  | 21.345 | 228  | 270803   | 15.119 | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 22.886 | 252  | 345316   | 16.097 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.927 | 252  | 121768m  | 5.906  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.462 | 252  | 225561   | 11.694 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.833 | 276  | 146031   | 6.014  | ng/ul# | 93       |
| 95) Dibenzo(a,h)anthracene    | 25.839 | 278  | 43861    | 2.179  | ng/ul# | 91       |
| -----                         |        |      |          |        |        |          |

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

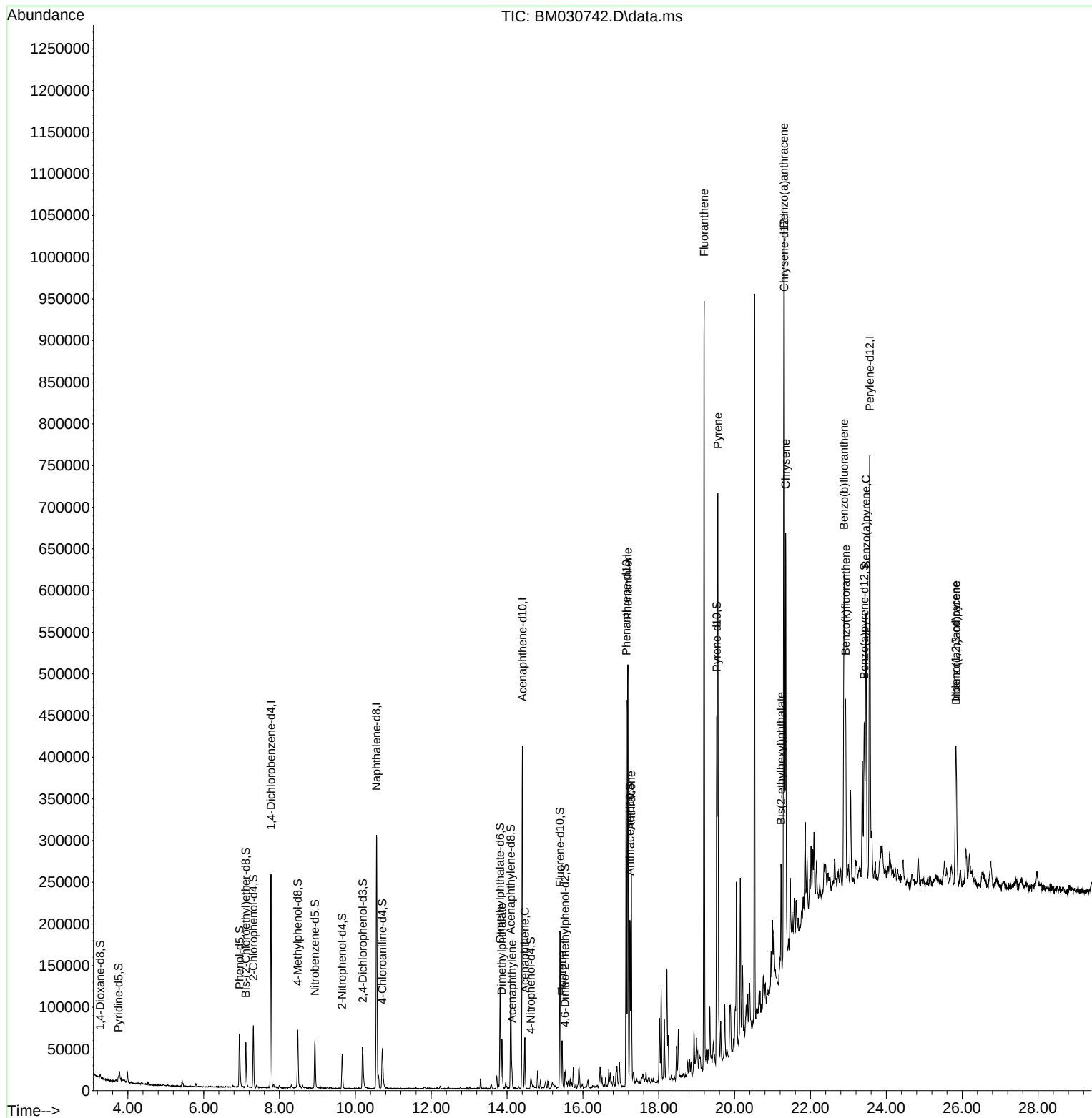
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
Data File : BM030742.D  
Acq On : 01 Jul 2021 14:23  
Operator : CG/JU  
Sample : M2825-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

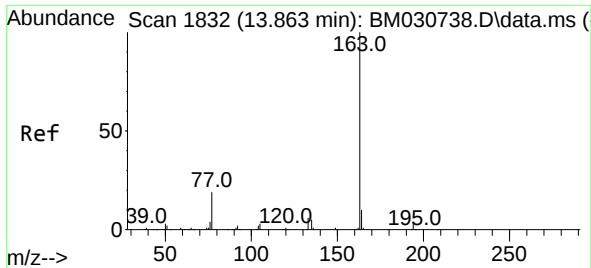
Instrument :  
BNA\_M  
ClientSampleId :  
BGDR0

Manual Integrations  
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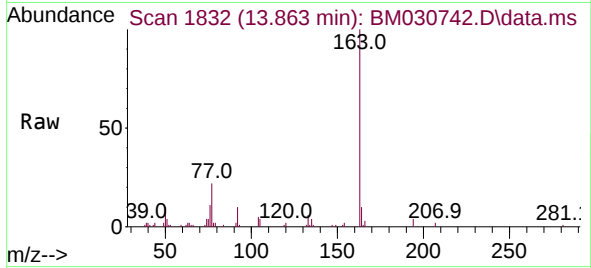
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Quant Time: Jul 01 15:10:47 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 01 05:56:56 2021  
Response via : Initial Calibration

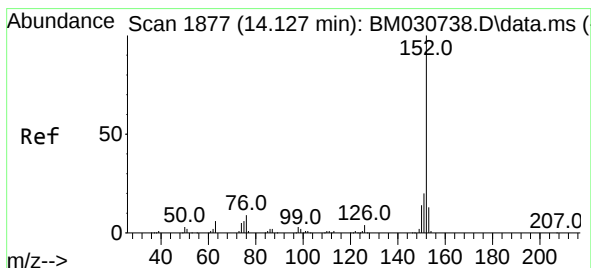
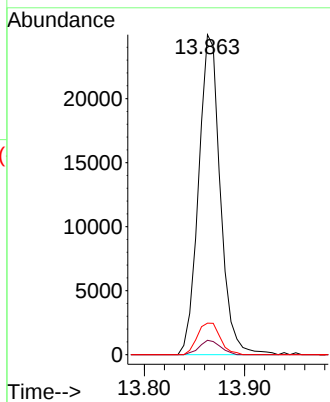
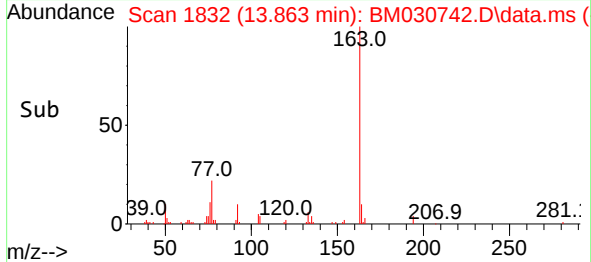




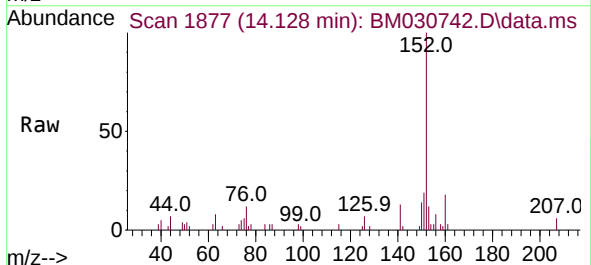
#47  
Dimethylphthalate  
Concen: 3.965 ng/ul  
RT: 13.863 min Scan# 1832  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



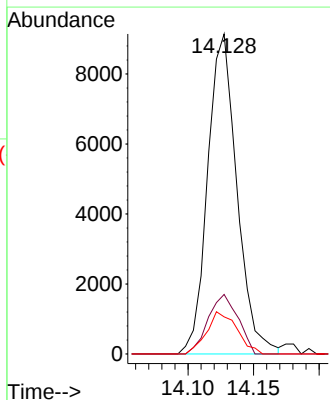
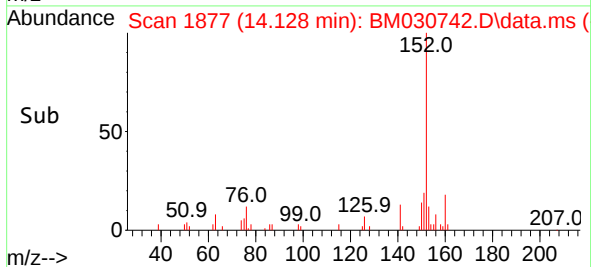
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 37646 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.5   | 3.2   | 4.8   |
| 164       | 9.9   | 8.2   | 12.4  |



#50  
Acenaphthylene  
Concen: 1.218 ng/ul  
RT: 14.128 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



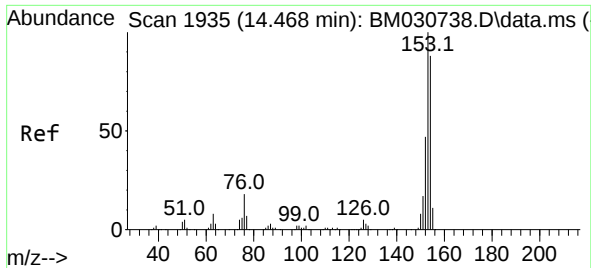
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|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 14211 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 18.6  | 16.2  | 24.2  |
| 153       | 11.6  | 10.2  | 15.4  |



Instrument :  
BNA\_M  
ClientSampleId :  
BGDR0

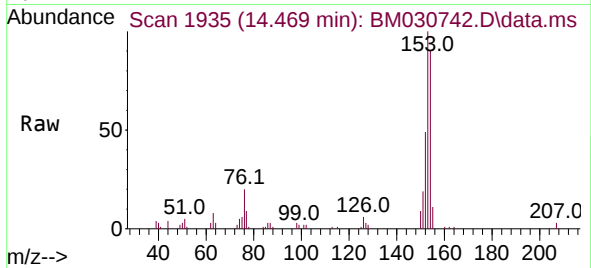
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#52  
Acenaphthene  
Concen: 2.851 ng/ul  
RT: 14.469 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

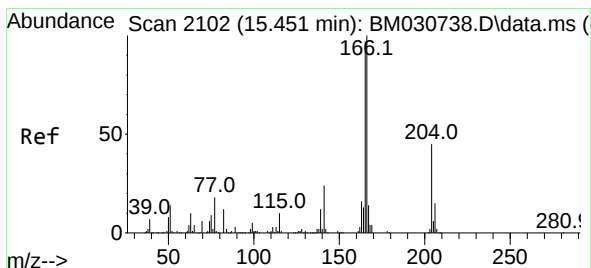
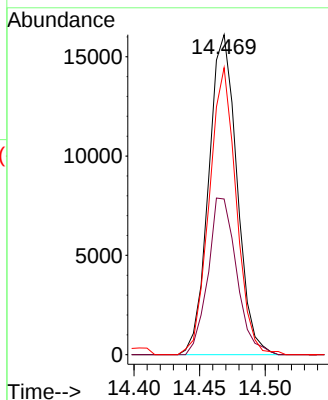
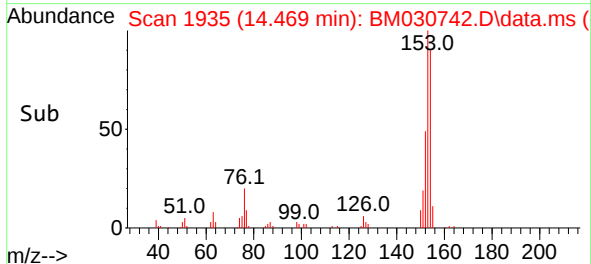
Instrument :  
BNA\_M  
ClientSampleId :  
BGDR0



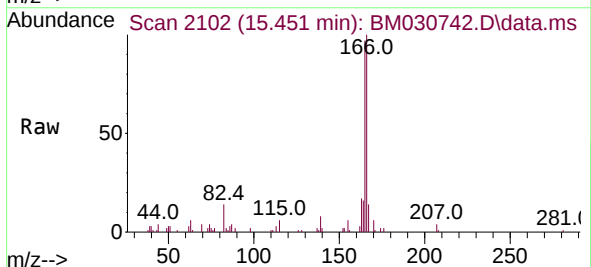
Tgt Ion:153 Resp: 24142  
Ion Ratio Lower Upper  
153 100  
152 48.6 37.4 56.2  
154 89.7 69.4 104.0

Manual Integrations  
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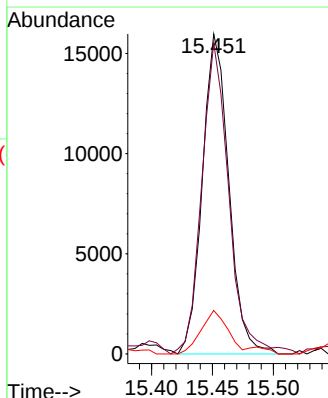
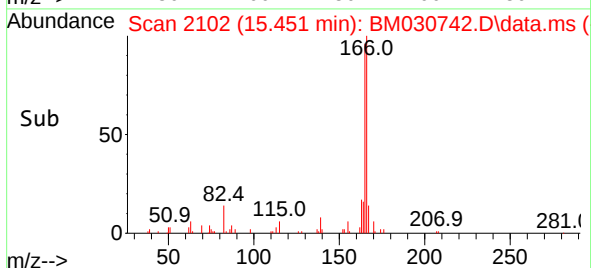
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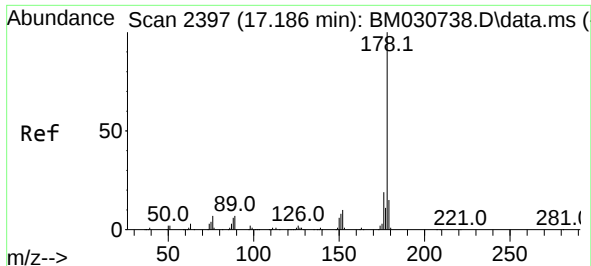


#61  
Fluorene  
Concen: 2.483 ng/ul  
RT: 15.451 min Scan# 2102  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

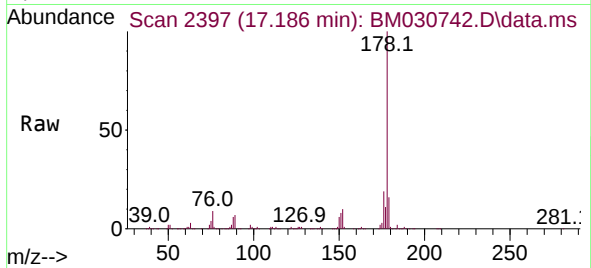


Tgt Ion:166 Resp: 24159  
Ion Ratio Lower Upper  
166 100  
165 97.2 78.4 117.6  
167 13.6 10.6 15.8

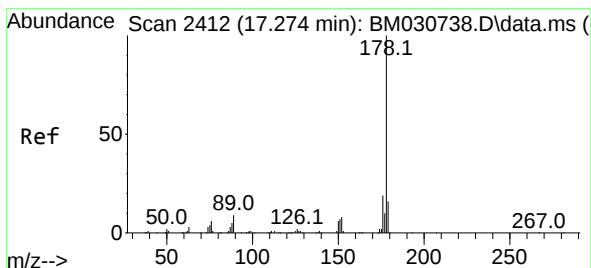
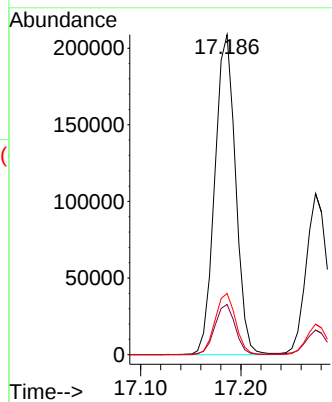
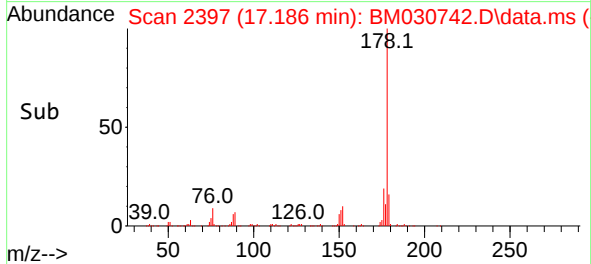




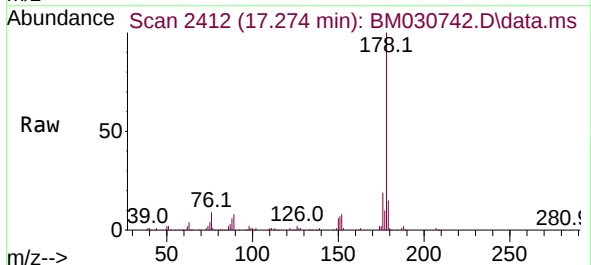
#72  
Phenanthrene  
Concen: 20.538 ng/ul  
RT: 17.186 min Scan# 2397  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



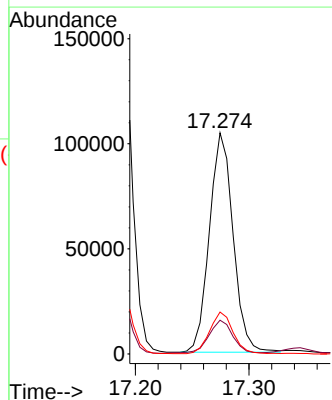
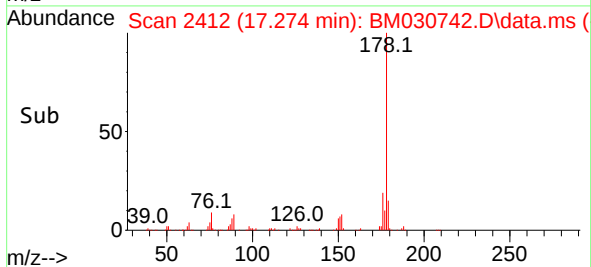
Tgt Ion:178 Resp: 300472  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.1 18.1  
176 19.1 15.2 22.8



#74  
Anthracene  
Concen: 10.134 ng/ul  
RT: 17.274 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



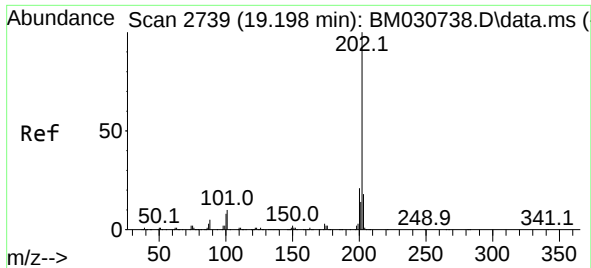
Tgt Ion:178 Resp: 151587  
Ion Ratio Lower Upper  
178 100  
179 15.2 12.1 18.1  
176 18.9 15.2 22.8



Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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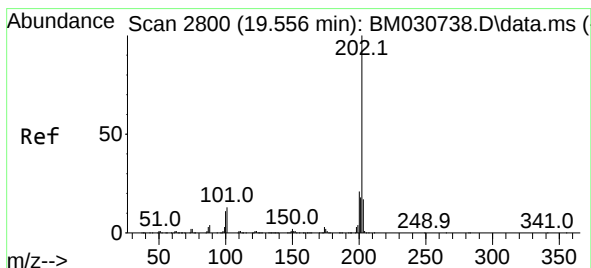
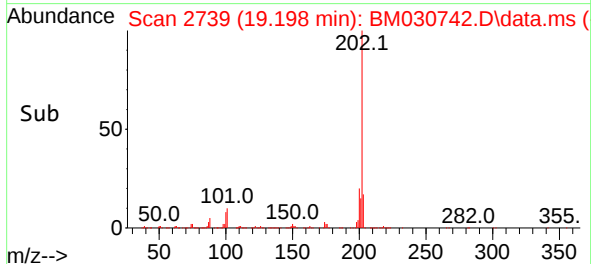
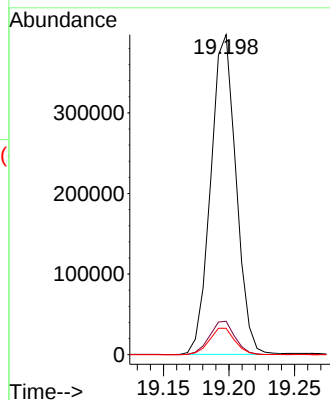
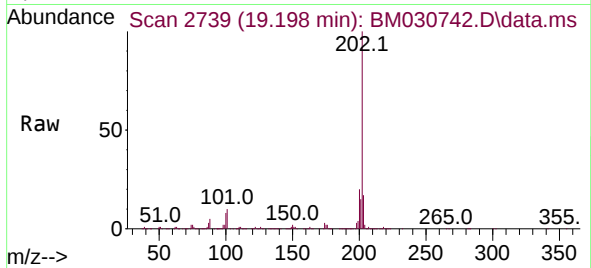
#80  
Fluoranthene  
Concen: 28.152 ng/ul  
RT: 19.198 min Scan# 2739  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

Tgt Ion:202 Resp: 533375  
Ion Ratio Lower Upper  
202 100  
101 10.4 8.8 13.2  
100 8.3 6.8 10.2

Instrument :  
BNA\_M  
ClientSampleId :  
BGDR0

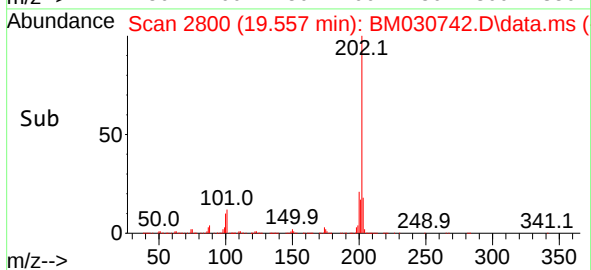
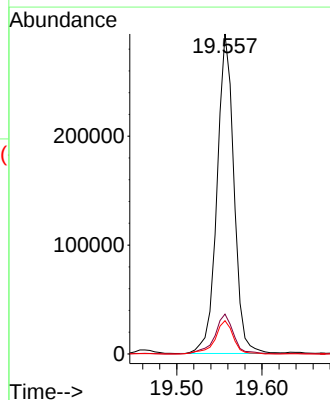
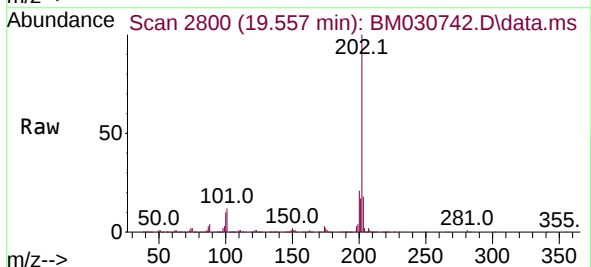
Manual Integrations  
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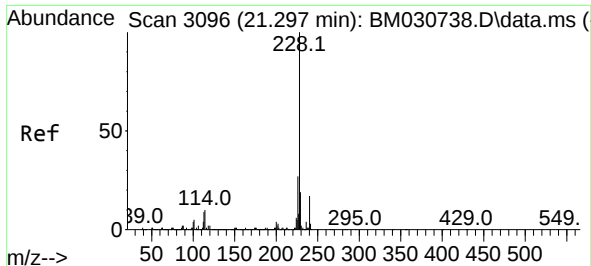
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#82  
Pyrene  
Concen: 20.369 ng/ul  
RT: 19.557 min Scan# 2800  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

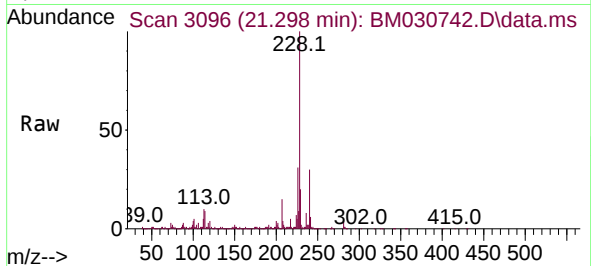
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Ion Ratio Lower Upper  
202 100  
101 12.4 10.0 15.0  
100 10.4 8.5 12.7





#85  
Benzo(a)anthracene  
Concen: 16.897 ng/ul  
RT: 21.298 min Scan# 3096  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

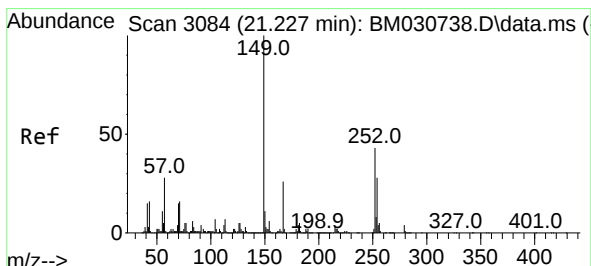
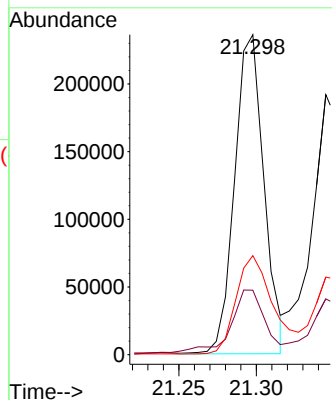
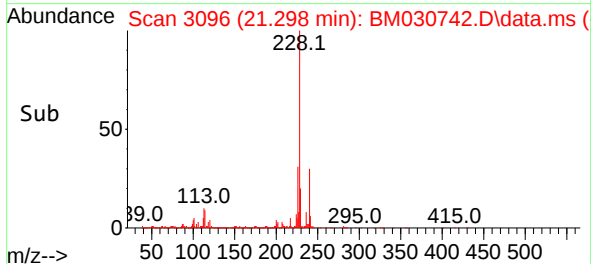
Instrument :  
BNA\_M  
ClientSampled :  
BGDR0



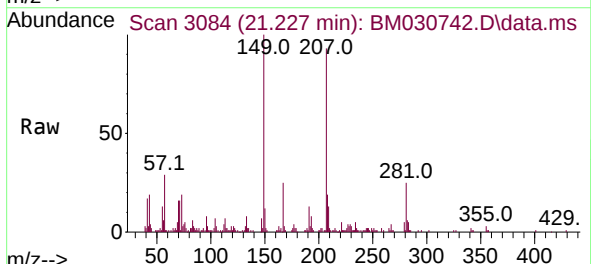
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Ion Ratio Lower Upper  
228 100  
229 20.1 16.0 24.0  
226 31.0 22.2 33.2

Manual Integrations  
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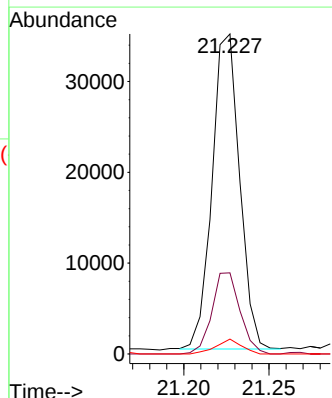
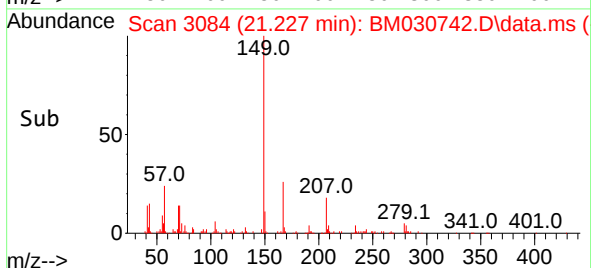
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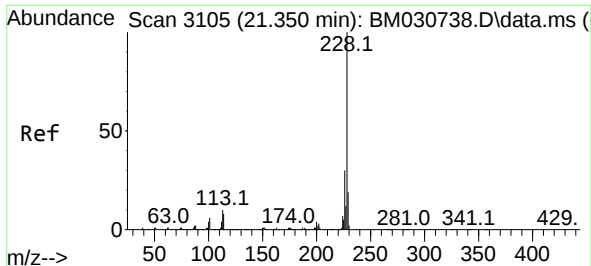


#86  
Bis(2-ethylhexyl)phthalate  
Concen: 4.141 ng/ul  
RT: 21.227 min Scan# 3084  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

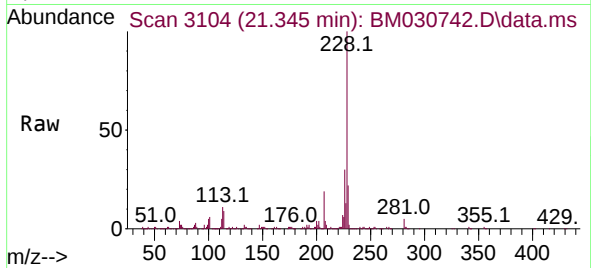


Tgt Ion:149 Resp: 39030  
Ion Ratio Lower Upper  
149 100  
167 25.3 20.7 31.1  
279 4.7 3.0 4.4#

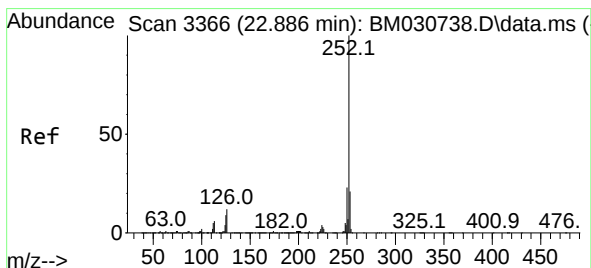
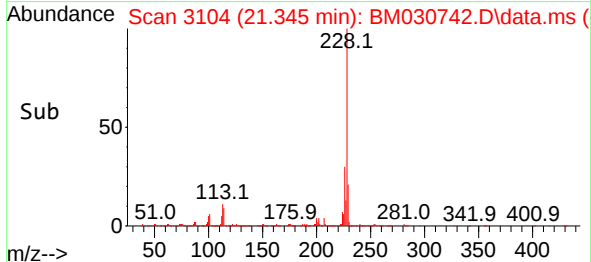
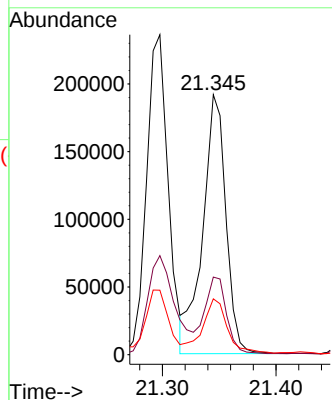




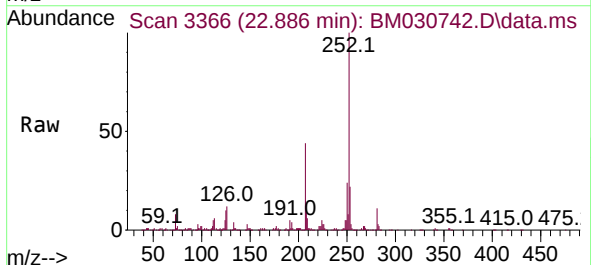
#87  
Chrysene  
Concen: 15.119 ng/ul  
RT: 21.345 min Scan# 3104  
Delta R.T. -0.012 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



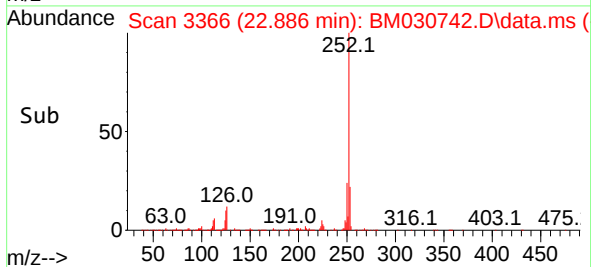
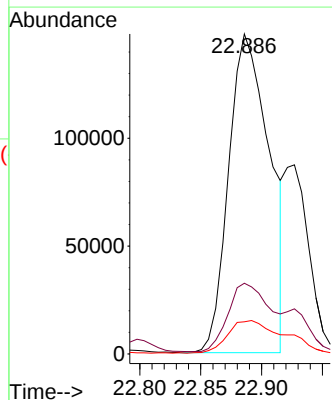
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Ion Ratio Lower Upper  
228 100  
226 29.9 23.6 35.4  
229 21.5 15.9 23.9



#90  
Benzo(b)fluoranthene  
Concen: 16.097 ng/ul  
RT: 22.886 min Scan# 3366  
Delta R.T. -0.006 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



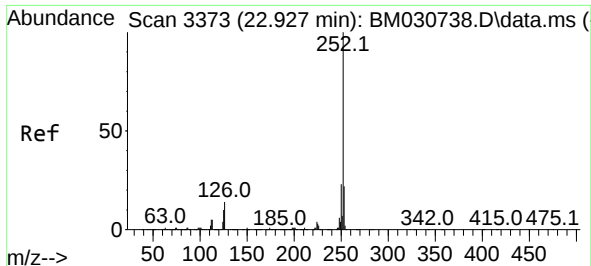
Tgt Ion:252 Resp: 345316  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 10.1 7.7 11.5



Instrument :  
BNA\_M  
ClientSampled :  
BGDR0

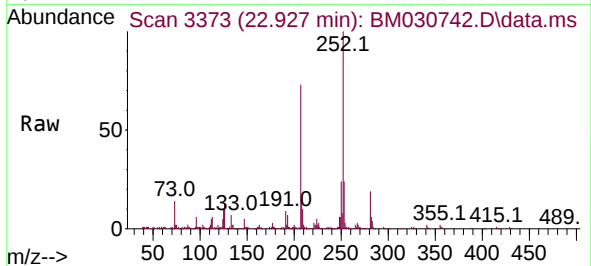
Manual Integrations  
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#91  
Benzo(k)fluoranthene  
Concen: 5.906 ng/ul m  
RT: 22.927 min Scan# 3373  
Delta R.T. -0.012 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

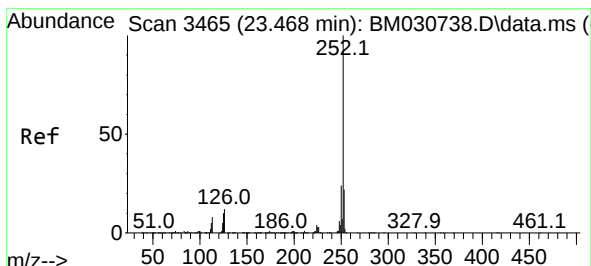
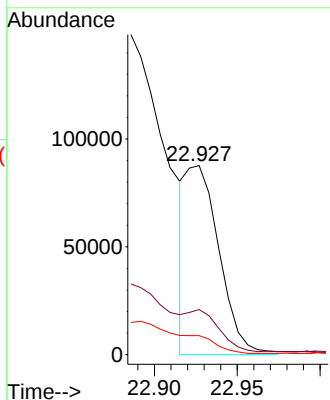
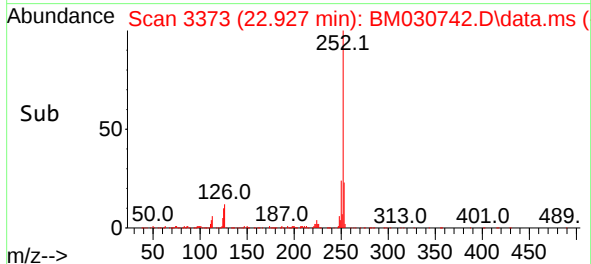
Instrument :  
BNA\_M  
ClientSampled :  
BGDR0



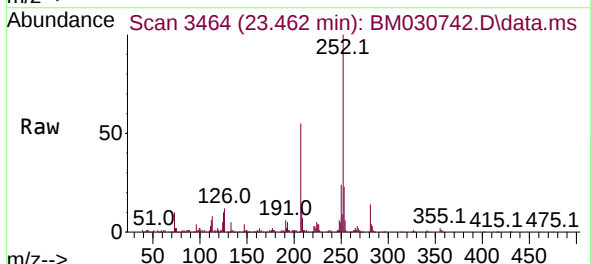
Tgt Ion:252 Resp: 121768  
Ion Ratio Lower Upper  
252 100  
253 23.9 17.4 26.2  
125 10.0 7.9 11.9

Manual Integrations  
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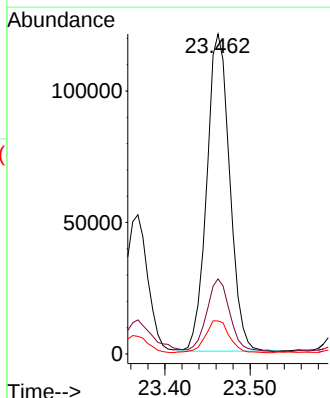
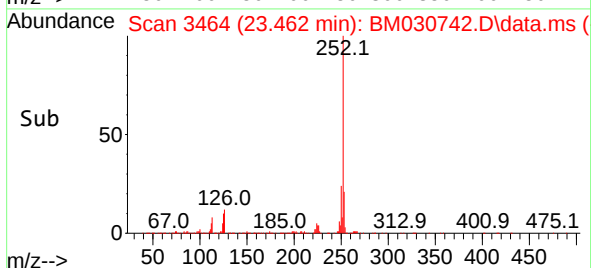
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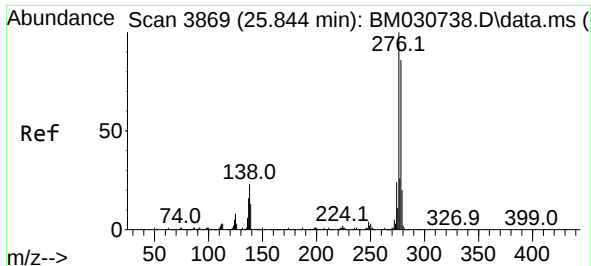


#93  
Benzo(a)pyrene  
Concen: 11.694 ng/ul  
RT: 23.462 min Scan# 3464  
Delta R.T. -0.012 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



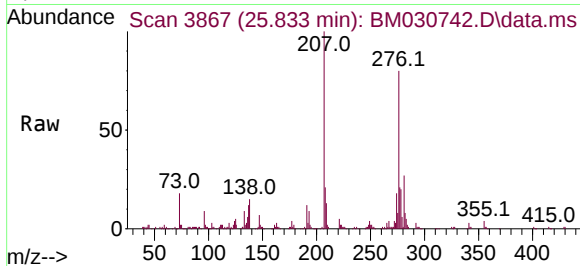
Tgt Ion:252 Resp: 225561  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.5 26.3  
125 10.3 8.6 13.0





#94  
Indeno(1,2,3-cd)pyrene  
Concen: 6.014 ng/ul  
RT: 25.833 min Scan# 3867  
Delta R.T. -0.018 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23

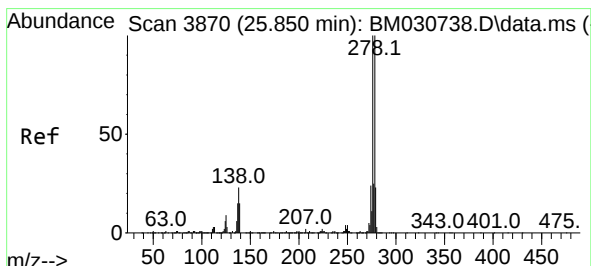
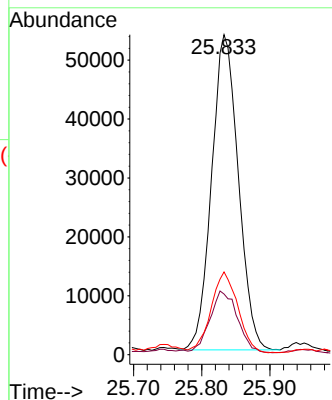
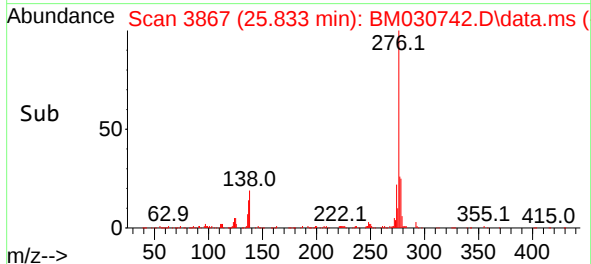
Instrument :  
BNA\_M  
ClientSampled :  
BGDR0



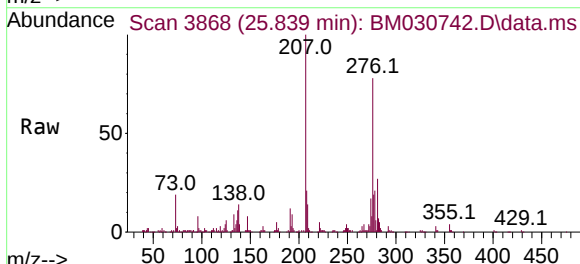
Tgt Ion:276 Resp: 146031  
Ion Ratio Lower Upper  
276 100  
138 19.0 19.5 29.3#  
277 25.9 19.6 29.4

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#95  
Dibenzo(a,h)anthracene  
Concen: 2.179 ng/ul  
RT: 25.839 min Scan# 3868  
Delta R.T. -0.018 min  
Lab File: BM030742.D  
Acq: 01 Jul 2021 14:23



Tgt Ion:278 Resp: 43861  
Ion Ratio Lower Upper  
278 100  
139 20.2 12.8 19.2#  
279 28.4 19.1 28.7

