

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
 Data File : BM030523.D  
 Acq On : 22 Jun 2021 19:55  
 Operator : CG/JU  
 Sample : M2662-23  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD97

Manual Integrations  
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Quant Time: Jun 23 01:31:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 22 15:07:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 171877   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.598 | 136  | 731109   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.439 | 164  | 486515   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.180 | 188  | 1008168  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.344 | 240  | 894387   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.615 | 264  | 757514   | 20.000 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.287  | 96   | 8851     | 2.088  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.728  | 84   | 38875    | 3.413  | ng/u1  | 0.03     |
| 7) Phenol-d5                  | 6.975  | 99   | 158192   | 10.672 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 106257   | 11.404 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.345  | 132  | 130268   | 11.385 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 130453   | 11.308 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 60794    | 11.143 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.686  | 143  | 62775    | 10.354 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 127552   | 10.982 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.739 | 131  | 121819   | 7.521  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 423998   | 12.622 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 511585   | 11.732 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.645 | 143  | 29524    | 4.639  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.433 | 176  | 379042   | 12.722 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200  | 37983    | 5.759  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.274 | 188  | 597385   | 12.697 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.562 | 212  | 523182   | 11.164 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.468 | 264  | 259806   | 6.597  | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.634  | 105  | 18016    | 1.011  | ng/u1  | 96       |
| 72) Phenanthrene              | 17.221 | 178  | 277663   | 5.129  | ng/u1  | 99       |
| 74) Anthracene                | 17.309 | 178  | 86924    | 1.570  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.233 | 202  | 533859   | 9.327  | ng/u1  | 98       |
| 82) Pyrene                    | 19.592 | 202  | 325783   | 5.417  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.333 | 228  | 249746   | 4.500  | ng/u1  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.256 | 149  | 84242    | 2.959  | ng/u1  | 99       |
| 87) Chrysene                  | 21.380 | 228  | 209335   | 3.869  | ng/u1  | 98       |
| 90) Benzo(b)fluoranthene      | 22.933 | 252  | 220323   | 4.581  | ng/u1  | 97       |
| 91) Benzo(k)fluoranthene      | 22.974 | 252  | 77694m   | 1.681  | ng/u1  |          |
| 93) Benzo(a)pyrene            | 23.515 | 252  | 65988    | 1.526  | ng/u1# | 96       |
| -----                         |        |      |          |        |        |          |

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

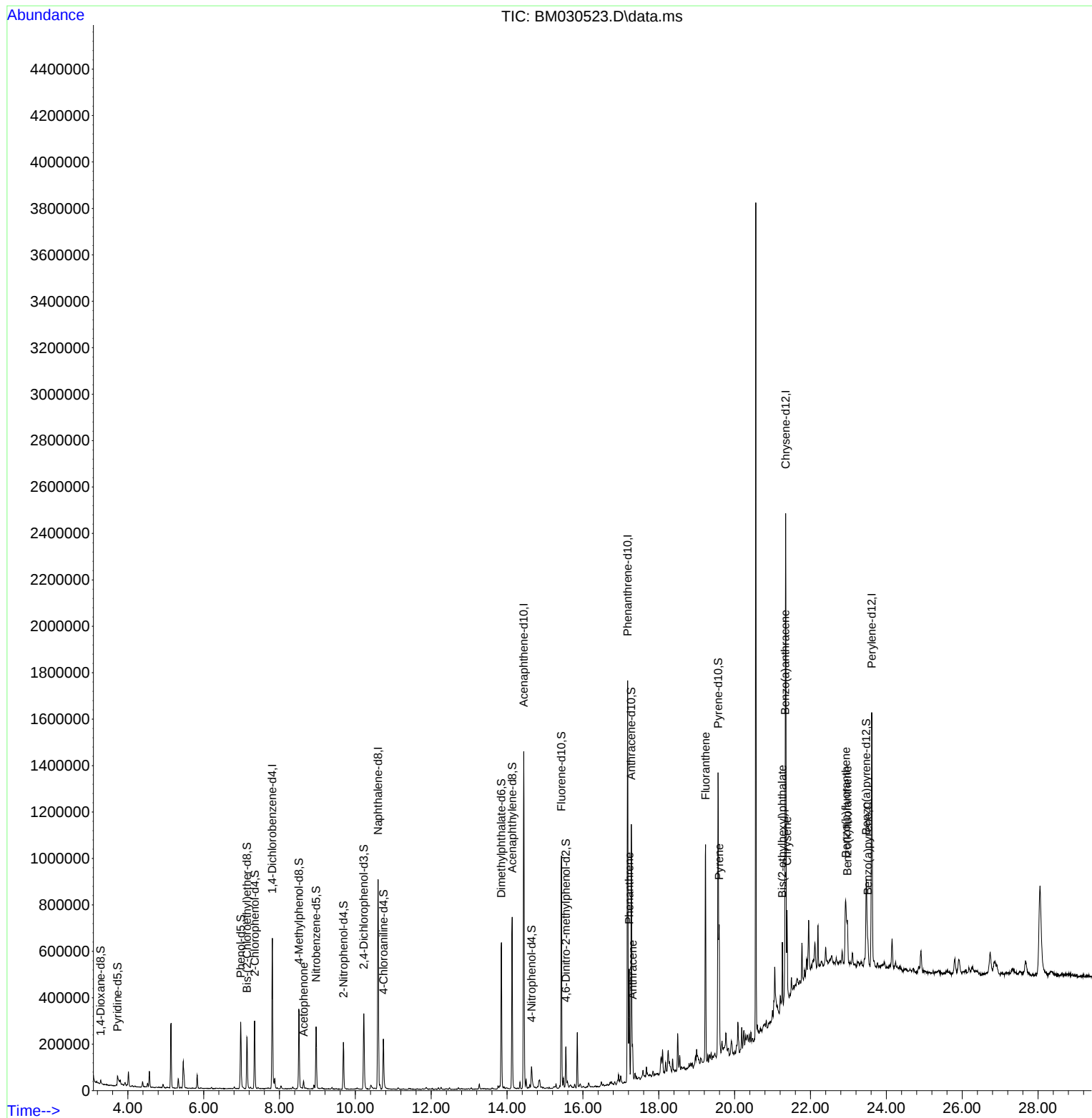
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
Data File : BM030523.D  
Acq On : 22 Jun 2021 19:55  
Operator : CG/JU  
Sample : M2662-23  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

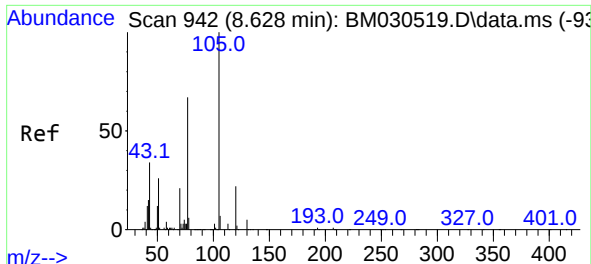
Instrument :  
BNA\_M  
ClientSampleId :  
BGD97

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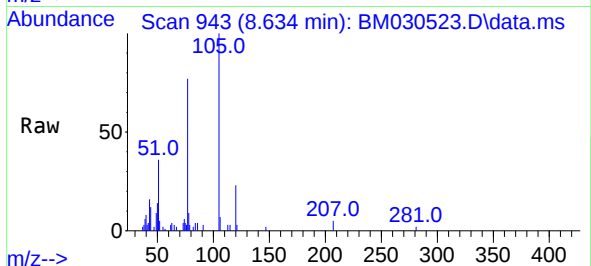
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Quant Time: Jun 23 01:31:54 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 22 15:07:37 2021  
Response via : Initial Calibration

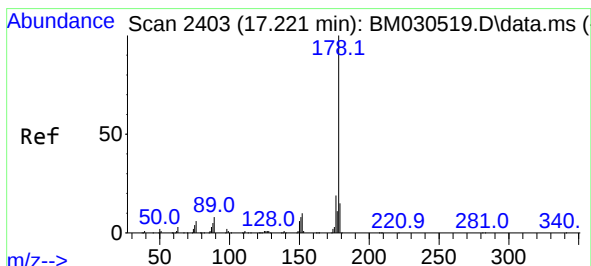
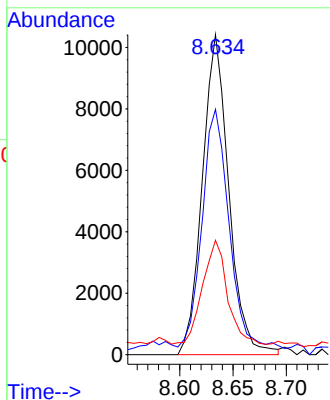
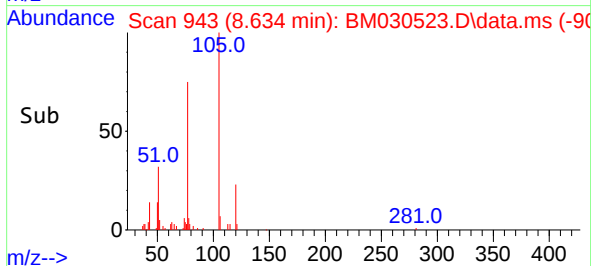




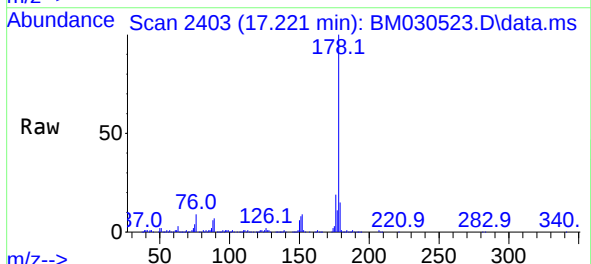
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Acetophenone  
Concen: 1.011 ng/ul  
RT: 8.634 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55



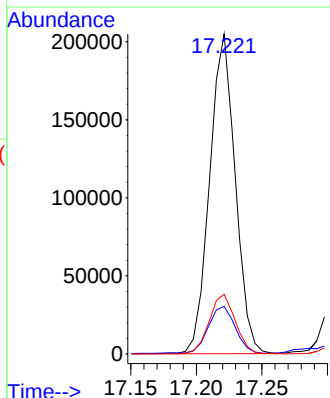
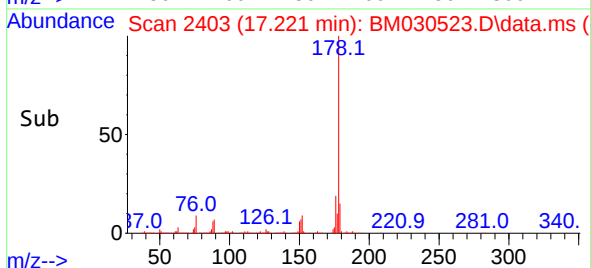
Tgt Ion:105 Resp: 18016  
Ion Ratio Lower Upper  
105 100  
77 76.6 63.7 95.5  
51 35.8 25.4 38.0



#72  
Phenanthrene  
Concen: 5.129 ng/ul  
RT: 17.221 min Scan# 2403  
Delta R.T. -0.000 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55



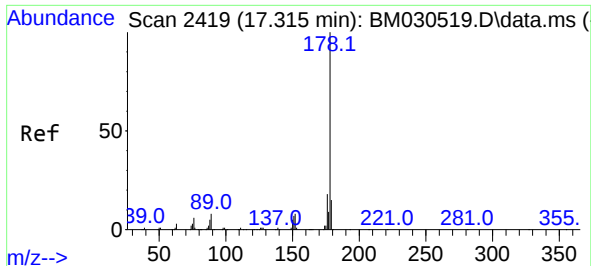
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Ion Ratio Lower Upper  
178 100  
179 14.8 12.1 18.1  
176 18.7 15.2 22.8



Instrument :  
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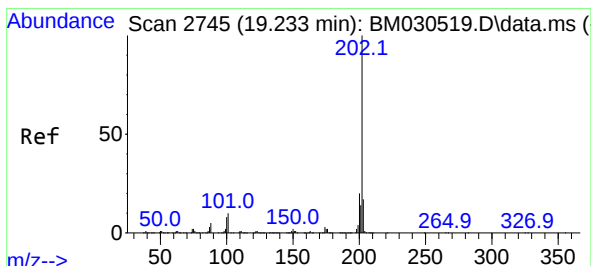
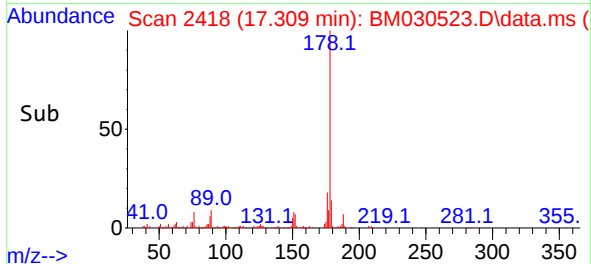
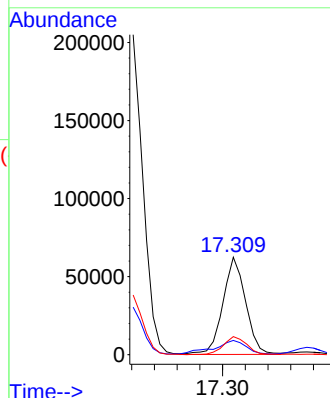
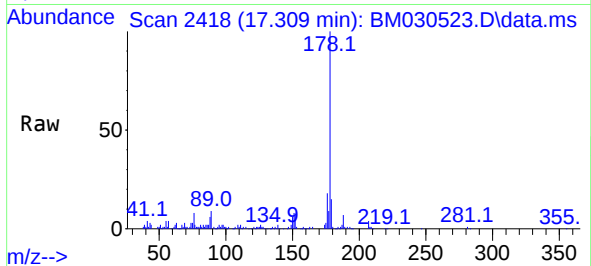
#74  
 Anthracene  
 Concen: 1.570 ng/u1  
 RT: 17.309 min Scan# 2418  
 Delta R.T. -0.006 min  
 Lab File: BM030523.D  
 Acq: 22 Jun 2021 19:55

Tgt Ion:178 Resp: 86924  
 Ion Ratio Lower Upper  
 178 100  
 179 14.6 12.1 18.1  
 176 18.5 15.2 22.8

Instrument :  
 BNA\_M  
 ClientSampled :  
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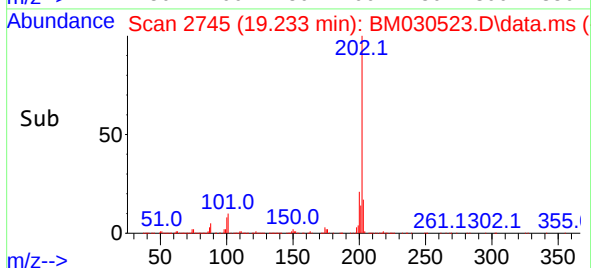
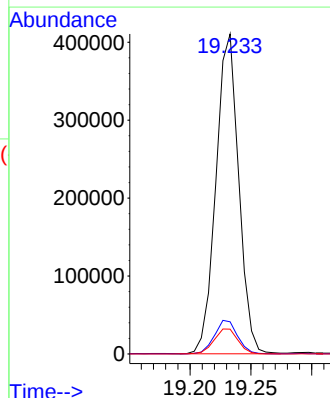
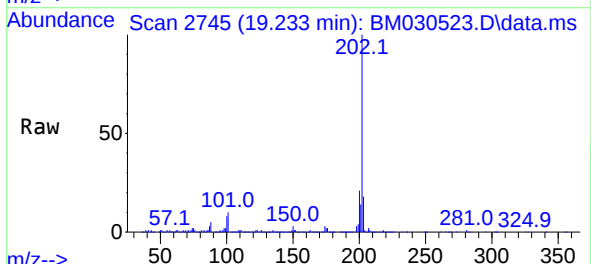
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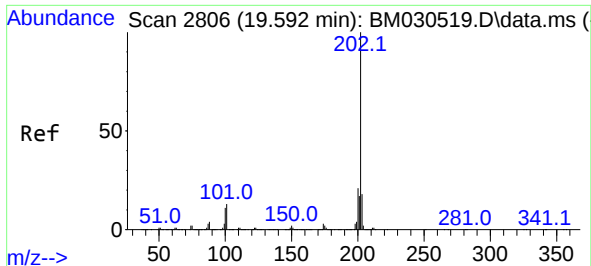
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#80  
 Fluoranthene  
 Concen: 9.327 ng/u1  
 RT: 19.233 min Scan# 2745  
 Delta R.T. -0.000 min  
 Lab File: BM030523.D  
 Acq: 22 Jun 2021 19:55

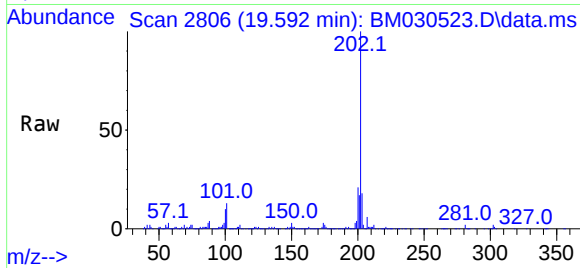
Tgt Ion:202 Resp: 533859  
 Ion Ratio Lower Upper  
 202 100  
 101 10.1 8.8 13.2  
 100 7.8 6.8 10.2





#82  
Pyrene  
Concen: 5.417 ng/ul  
RT: 19.592 min Scan# 2806  
Delta R.T. -0.006 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55

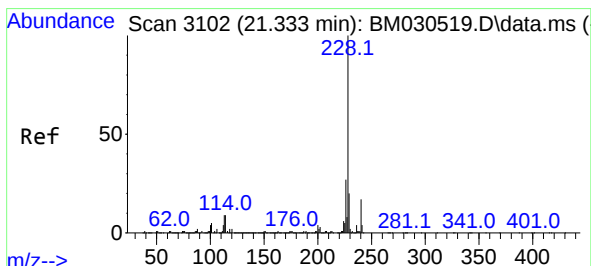
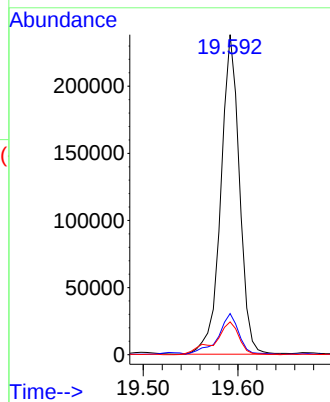
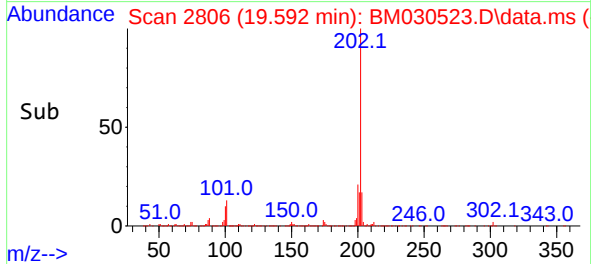
Instrument :  
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ClientSampled :  
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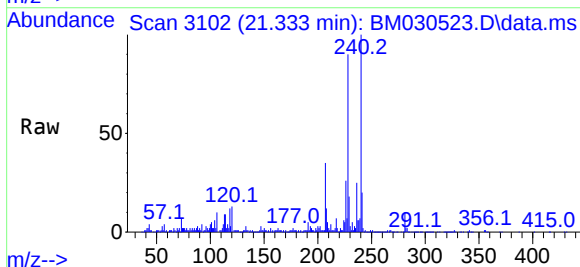
Tgt Ion:202 Resp: 325783  
Ion Ratio Lower Upper  
202 100  
101 12.9 10.0 15.0  
100 10.3 8.5 12.7

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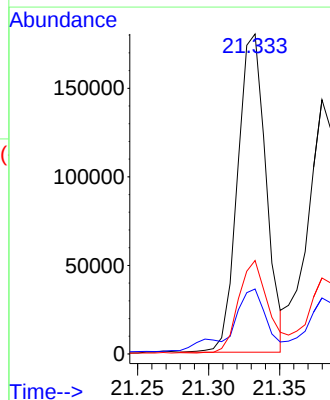
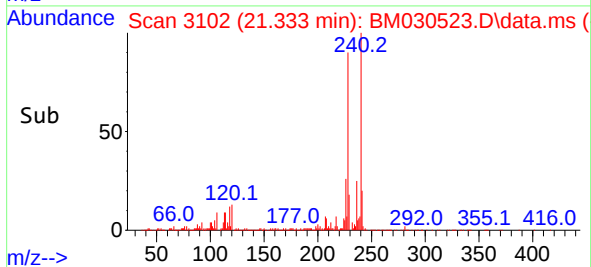
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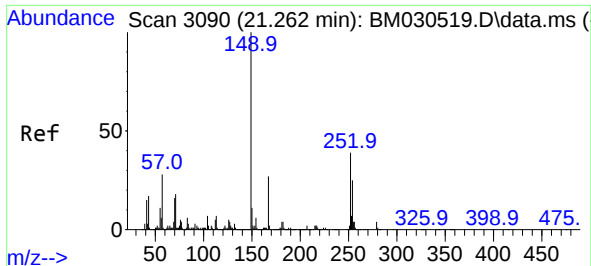


#85  
Benzo(a)anthracene  
Concen: 4.500 ng/ul  
RT: 21.333 min Scan# 3102  
Delta R.T. -0.000 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55



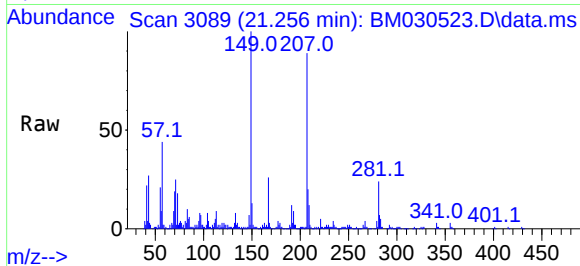
Tgt Ion:228 Resp: 249746  
Ion Ratio Lower Upper  
228 100  
229 20.3 16.0 24.0  
226 29.2 22.2 33.2





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 2.959 ng/ul  
RT: 21.256 min Scan# 3089  
Delta R.T. -0.006 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55

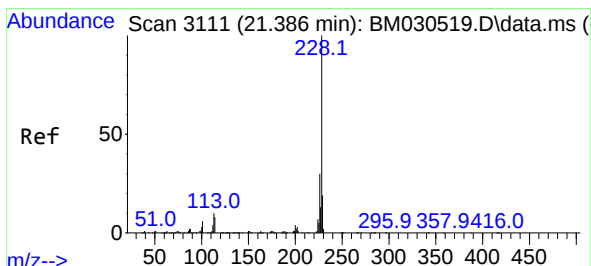
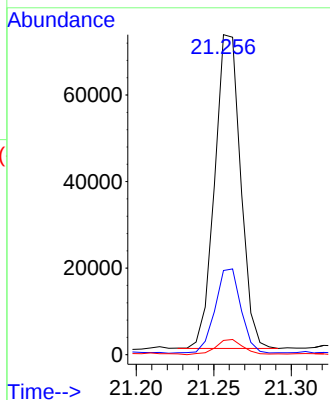
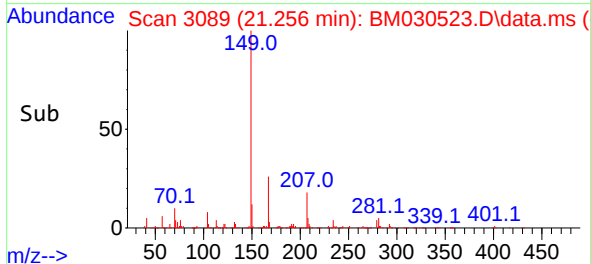
Instrument :  
BNA\_M  
ClientSampled :  
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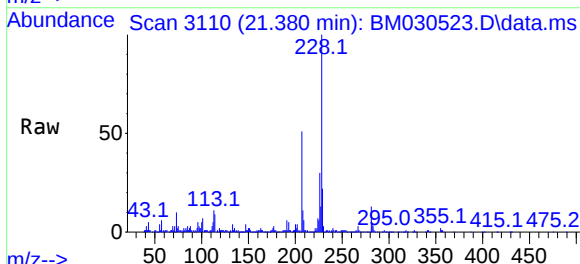
Tgt Ion:149 Resp: 84242  
Ion Ratio Lower Upper  
149 100  
167 26.3 20.7 31.1  
279 4.4 3.0 4.4

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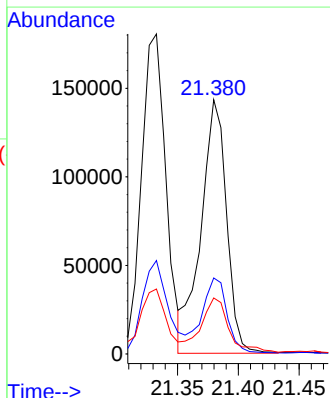
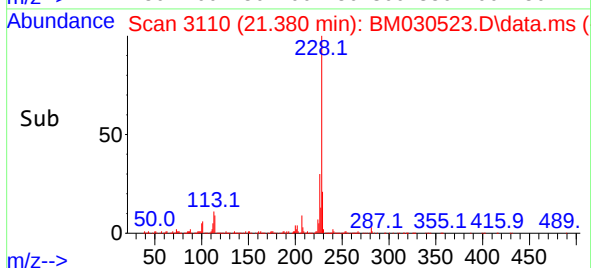
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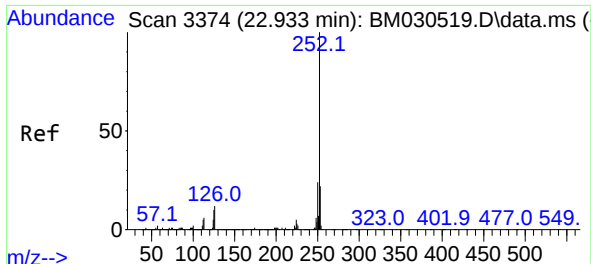


#87  
Chrysene  
Concen: 3.869 ng/ul  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55



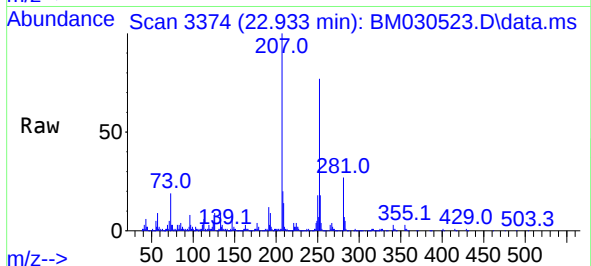
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Ion Ratio Lower Upper  
228 100  
226 29.9 23.6 35.4  
229 22.0 15.9 23.9





#90  
Benzo(b)fluoranthene  
Concen: 4.581 ng/ul  
RT: 22.933 min Scan# 3374  
Delta R.T. -0.006 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55

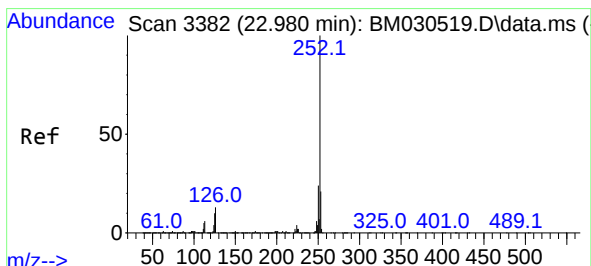
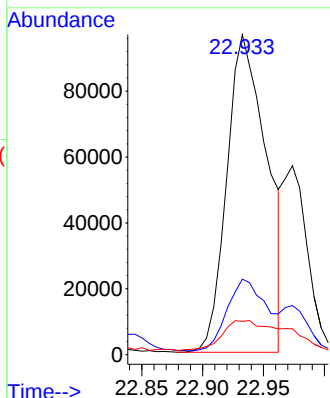
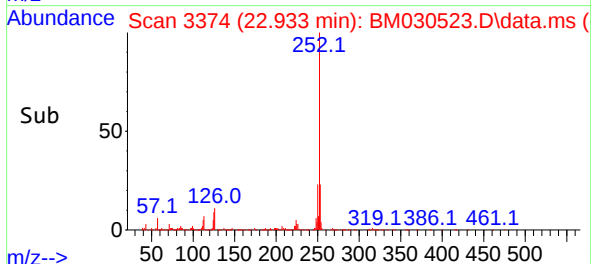
Instrument :  
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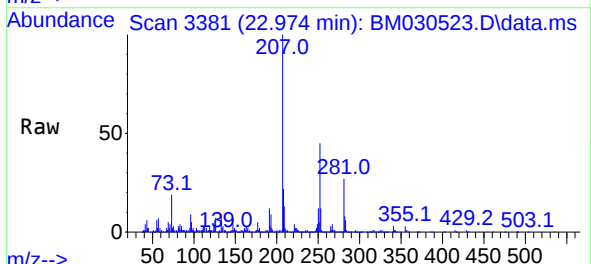
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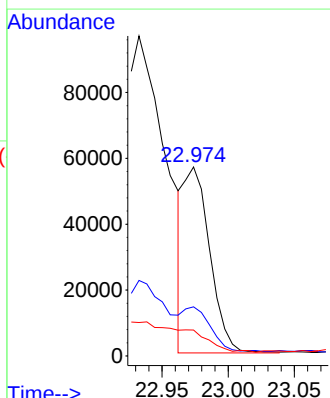
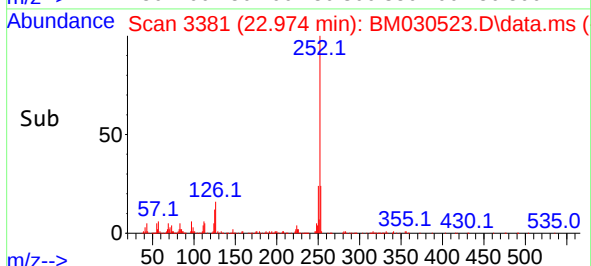
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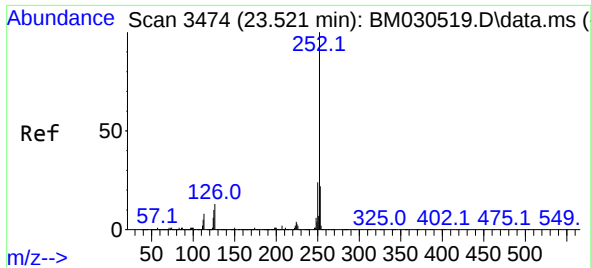


#91  
Benzo(k)fluoranthene  
Concen: 1.681 ng/ul m  
RT: 22.974 min Scan# 3381  
Delta R.T. -0.012 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55



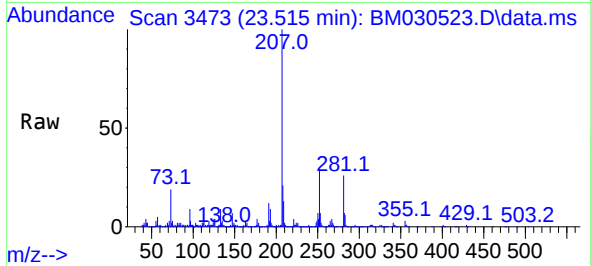
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Ion Ratio Lower Upper  
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125 13.8 7.9 11.9#





#93  
Benzo(a)pyrene  
Concen: 1.526 ng/ul  
RT: 23.515 min Scan# 3473  
Delta R.T. -0.012 min  
Lab File: BM030523.D  
Acq: 22 Jun 2021 19:55

Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion:252 Resp: 65988  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.5 26.3  
125 13.4 8.6 13.0#

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