

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092721\  
 Data File : BM032238.D  
 Acq On : 28 Sep 2021 12:44  
 Operator : CG/JU  
 Sample : M3739-07  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE2

Manual Integrations  
 APPROVED

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Quant Time: Sep 28 13:26:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM092721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 27 13:37:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.657  | 152  | 7025     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.451 | 136  | 21800    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.303 | 164  | 10839    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.028 | 188  | 19421    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.192 | 240  | 14846    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.357 | 264  | 15312    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.982  | 96   | 39287    | 5.202 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.038 | 152  | 9807     | 0.338 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.049 | 212  | 19463    | 0.483 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.070 | 178  | 1748     | 0.028 | ng/ul# | 80       |
| 19) Fluoranthene            | 19.079 | 202  | 5404     | 0.087 | ng/ul# | 94       |
| 20) Pyrene                  | 19.441 | 202  | 7023     | 0.113 | ng/ul# | 96       |
| 21) Benzo(a)anthracene      | 21.175 | 228  | 2130     | 0.041 | ng/ul# | 83       |
| 22) Chrysene                | 21.229 | 228  | 2301     | 0.037 | ng/ul# | 83       |
| 24) Benzo(b)fluoranthene    | 22.713 | 252  | 2315m    | 0.029 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.268 | 252  | 3839     | 0.064 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

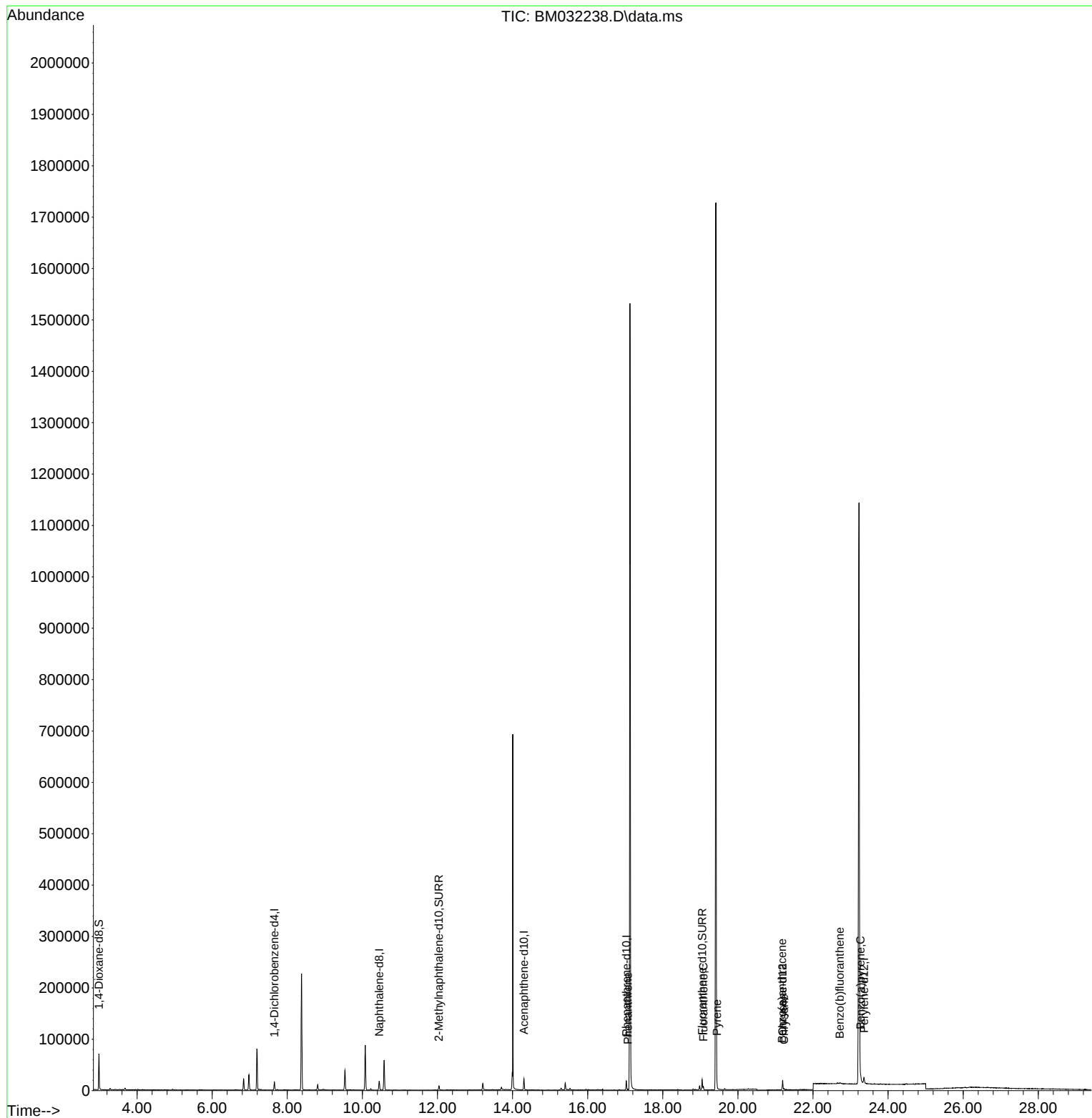
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092721\  
Data File : BM032238.D  
Acq On : 28 Sep 2021 12:44  
Operator : CG/JU  
Sample : M3739-07  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

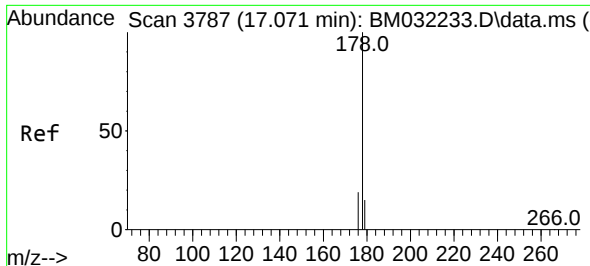
Instrument :  
BNA\_M  
ClientSampleId :  
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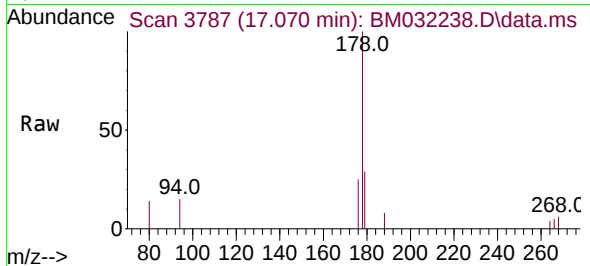
Quant Time: Sep 28 13:26:44 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM092721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 27 13:37:22 2021  
Response via : Initial Calibration





#15  
Phenanthrene  
Concen: 0.028 ng/ul  
RT: 17.070 min Scan# 3787  
Delta R.T. -0.004 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44

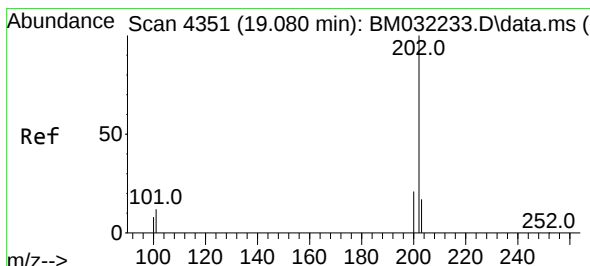
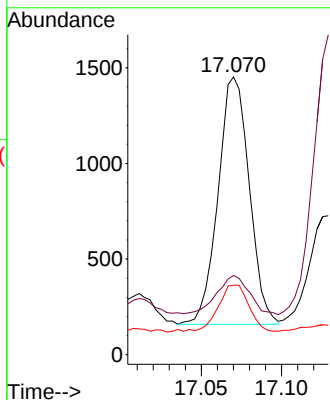
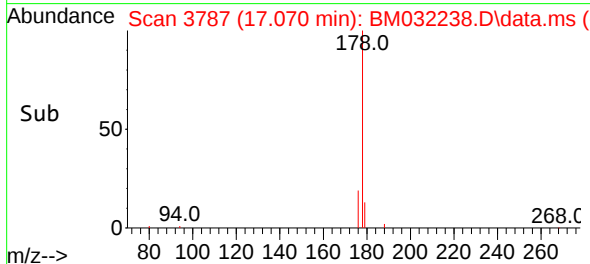
Instrument :  
BNA\_M  
ClientSampled :  
C0AE2



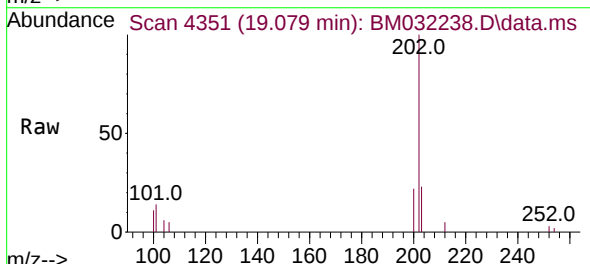
Tgt Ion:178 Resp: 1748  
Ion Ratio Lower Upper  
178 100  
179 28.5 12.6 18.8#  
176 25.0 15.8 23.6#

Manual Integrations  
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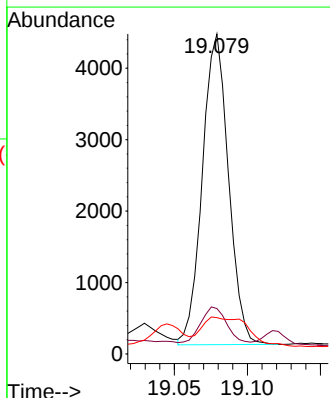
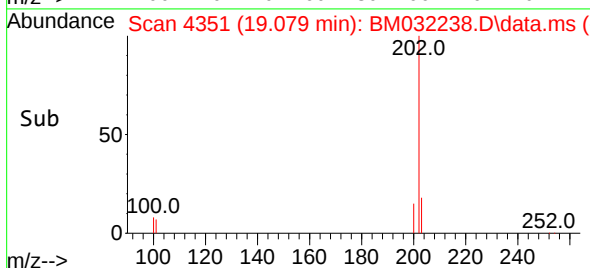
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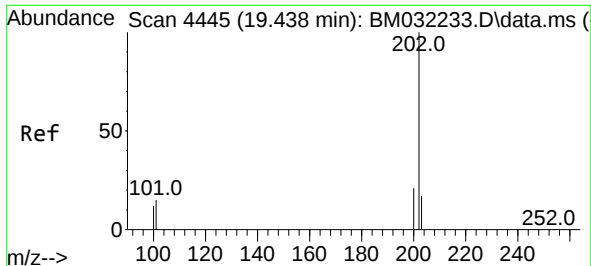


#19  
Fluoranthene  
Concen: 0.087 ng/ul  
RT: 19.079 min Scan# 4351  
Delta R.T. -0.005 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44



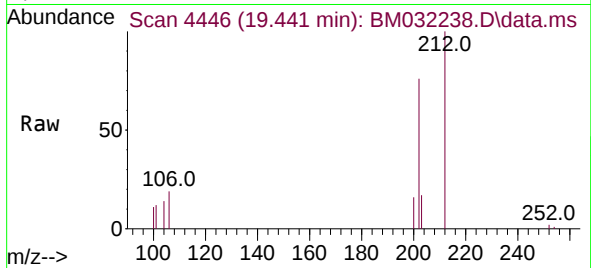
Tgt Ion:202 Resp: 5404  
Ion Ratio Lower Upper  
202 100  
101 14.2 9.8 14.8  
100 11.4 7.2 10.8#





#20  
Pyrene  
Concen: 0.113 ng/ul  
RT: 19.441 min Scan# 4446  
Delta R.T. -0.001 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44

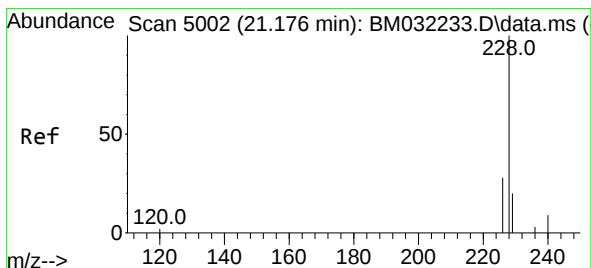
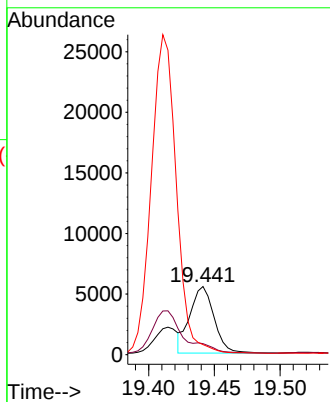
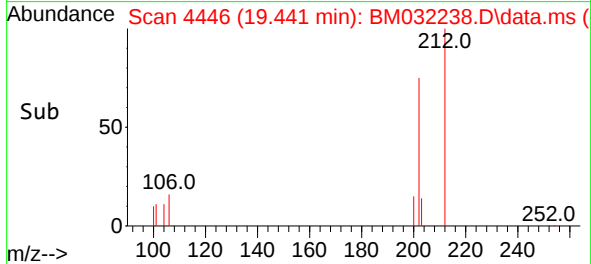
Instrument :  
BNA\_M  
ClientSampled :  
C0AE2



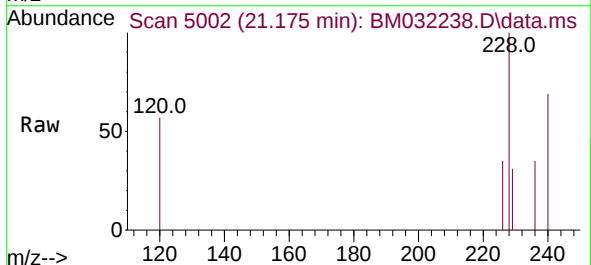
Tgt Ion:202 Resp: 7023  
Ion Ratio Lower Upper  
202 100  
101 16.1 12.1 18.1  
100 14.8 9.8 14.6#

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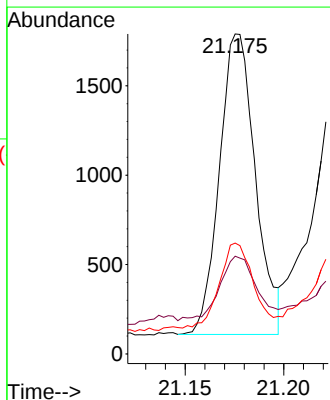
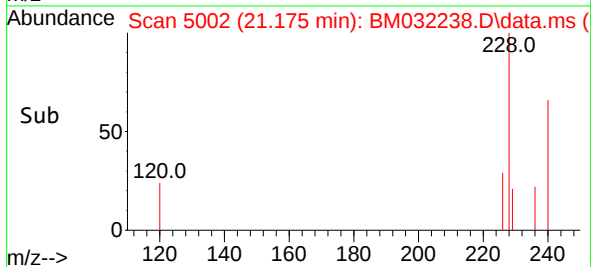
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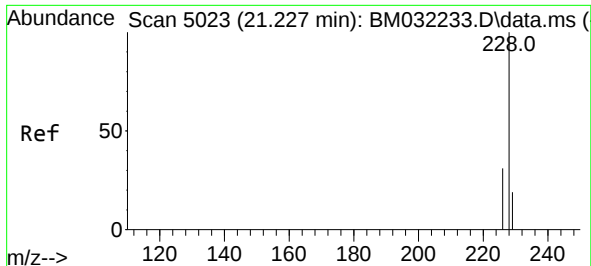


#21  
Benzo(a)anthracene  
Concen: 0.041 ng/ul  
RT: 21.175 min Scan# 5002  
Delta R.T. -0.003 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44

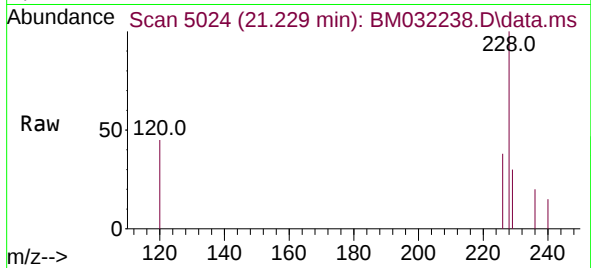


Tgt Ion:228 Resp: 2130  
Ion Ratio Lower Upper  
228 100  
229 30.6 16.0 24.0#  
226 34.6 22.3 33.5#

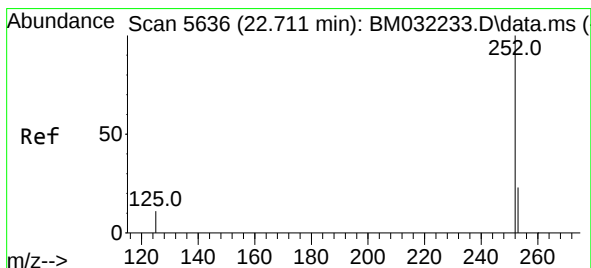
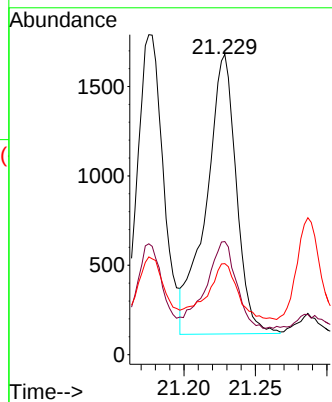
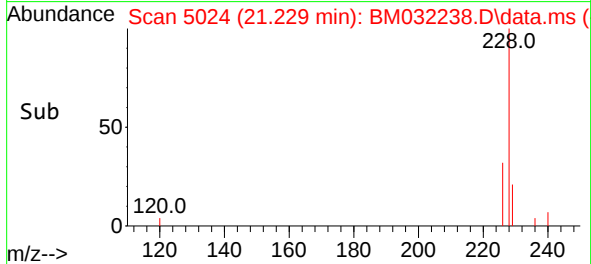




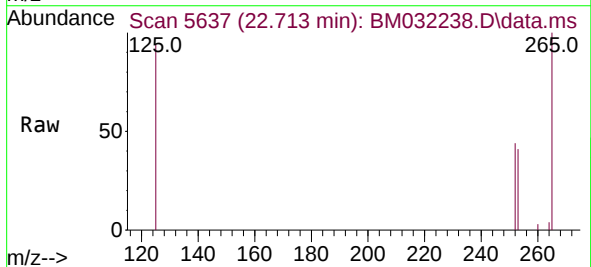
#22  
Chrysene  
Concen: 0.037 ng/ul  
RT: 21.229 min Scan# 5024  
Delta R.T. -0.001 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44



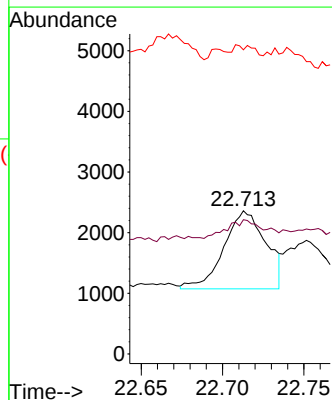
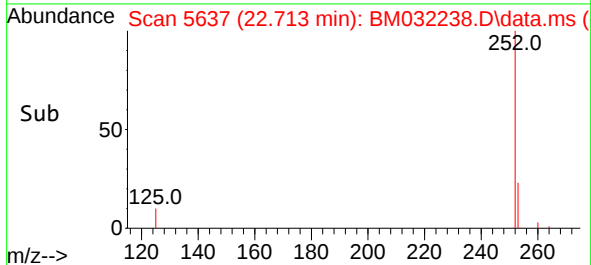
Tgt Ion:228 Resp: 2301  
Ion Ratio Lower Upper  
228 100  
226 37.7 24.6 37.0#  
229 30.3 15.6 23.4#



#24  
Benzo(b)fluoranthene  
Concen: 0.029 ng/ul m  
RT: 22.713 min Scan# 5637  
Delta R.T. -0.001 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44



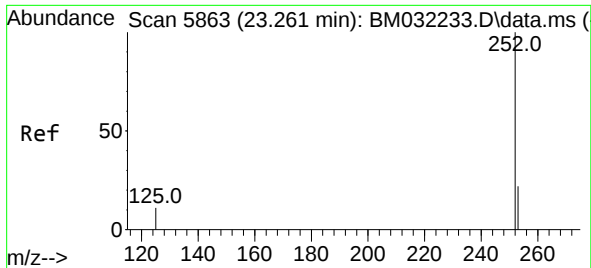
Tgt Ion:252 Resp: 2315  
Ion Ratio Lower Upper  
252 100  
253 93.7 0.0 58.0#  
125 212.5 0.0 31.4#



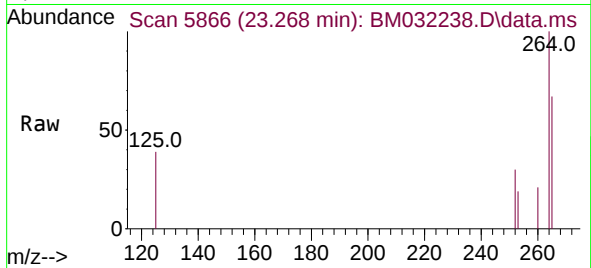
Instrument :  
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C0AE2

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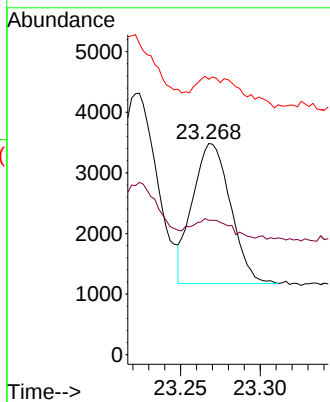
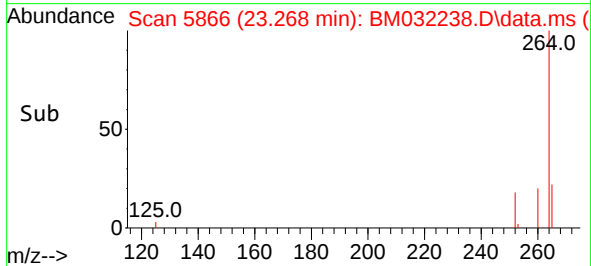
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#26  
Benzo(a)pyrene  
Concen: 0.064 ng/ul  
RT: 23.268 min Scan# 5866  
Delta R.T. 0.004 min  
Lab File: BM032238.D  
Acq: 28 Sep 2021 12:44



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 63.6  | 25.8  | 38.8# |
| 125     | 130.3 | 15.4  | 23.2# |



Instrument :  
BNA\_M  
ClientSampleId :  
C0AE2

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