

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121421\  
 Data File : BM033449.D  
 Acq On : 14 Dec 2021 20:37  
 Operator : CG/JU  
 Sample : M4985-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW5P9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2021  
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 15 03:18:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 15 01:00:55 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.901  | 152  | 638      | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.684 | 136  | 1712     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.519 | 164  | 1240     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.257 | 188  | 3096m    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.429 | 240  | 4149     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.735 | 264  | 4742     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.358  | 96   | 2400     | 4.642 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.285 | 152  | 940      | 0.435 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.277 | 212  | 4755     | 0.527 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.396  | 88   | 1677     | 2.482 | ng/ul# | 83       |
| 5) Naphthalene              | 10.738 | 128  | 298      | 0.048 | ng/ul# | 62       |
| 15) Phenanthrene            | 17.299 | 178  | 306      | 0.030 | ng/ul# | 48       |
| 19) Fluoranthene            | 19.311 | 202  | 403      | 0.037 | ng/ul# | 33       |
| 20) Pyrene                  | 19.666 | 202  | 415      | 0.034 | ng/ul# | 1        |
| 21) Benzo(a)anthracene      | 21.417 | 228  | 200      | 0.022 | ng/ul# | 32       |
| 22) Chrysene                | 21.465 | 228  | 248      | 0.022 | ng/ul# | 49       |
| -----                       |        |      |          |       |        |          |

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

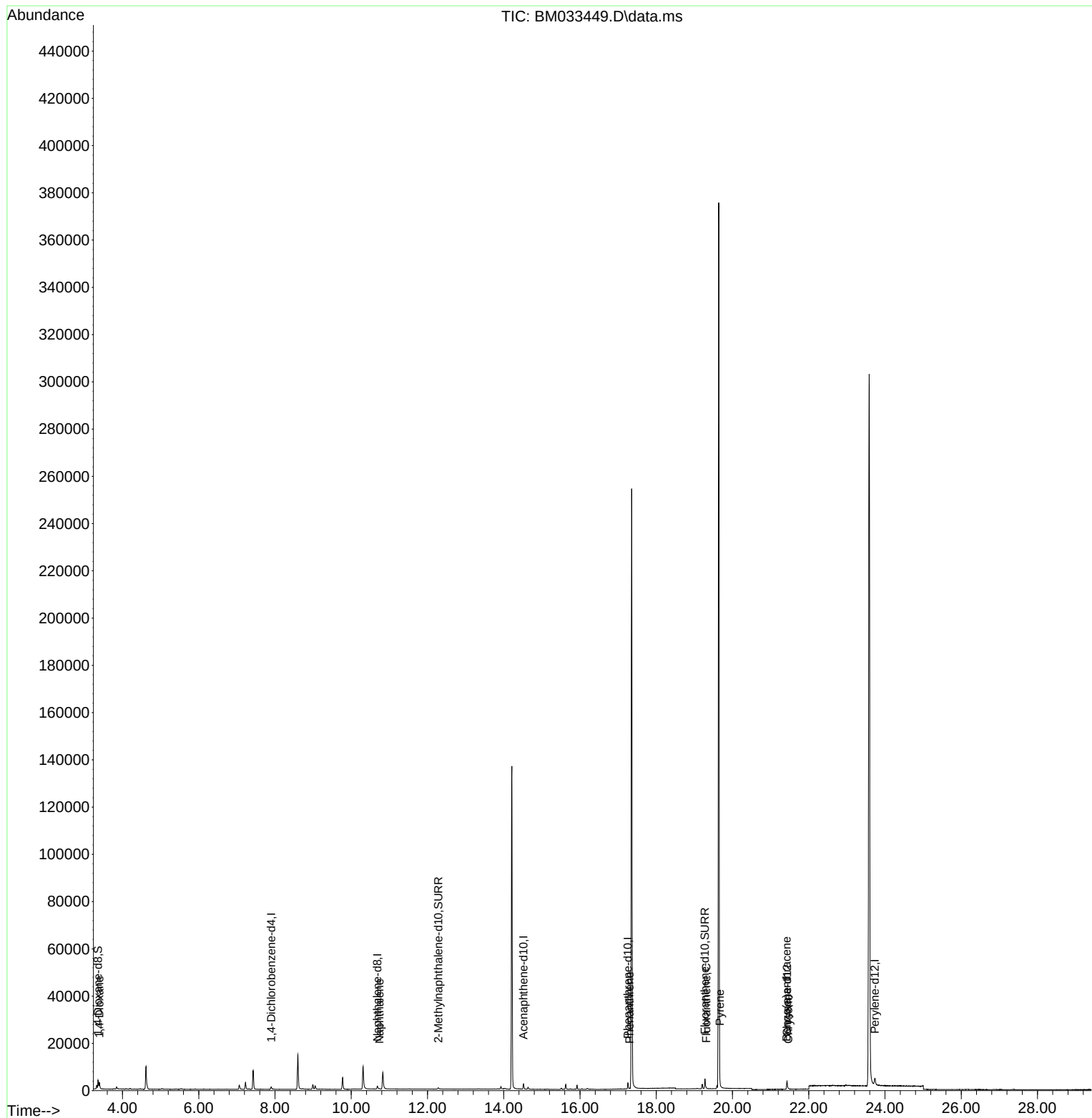
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121421\  
Data File : BM033449.D  
Acq On : 14 Dec 2021 20:37  
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Sample : M4985-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

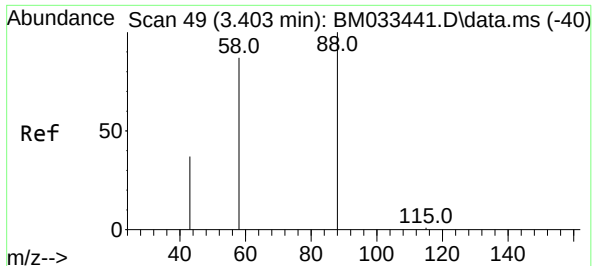
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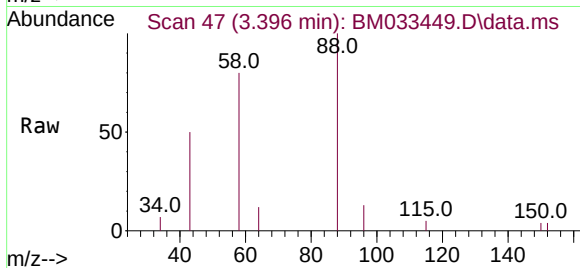
Quant Time: Dec 15 03:18:37 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 15 01:00:55 2021  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 2.482 ng/ul  
RT: 3.396 min Scan# 41  
Delta R.T. -0.007 min  
Lab File: BM033449.D  
Acq: 14 Dec 2021 20:37

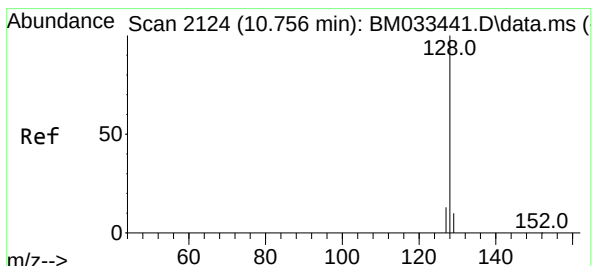
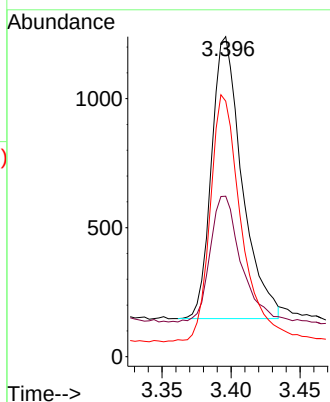
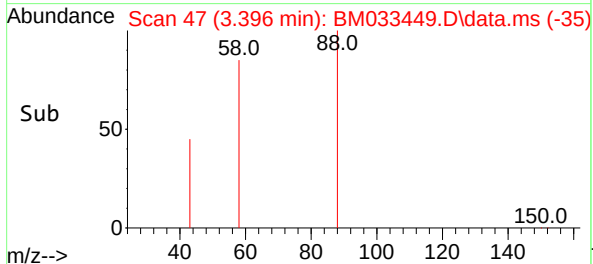
Instrument :  
BNA\_M  
ClientSampleId :  
EW5P9



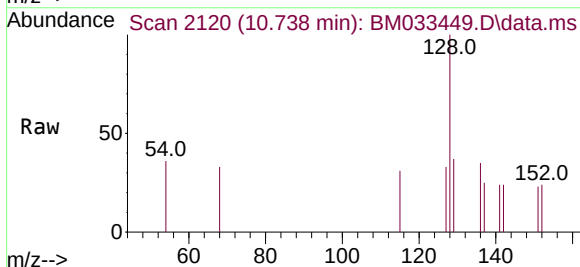
Tgt Ion: 88 Resp: 167  
Ion Ratio Lower Upper  
88 100  
43 50.2 49.7 74.5  
58 79.8 52.5 78.7

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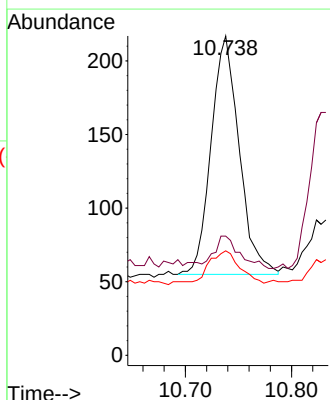
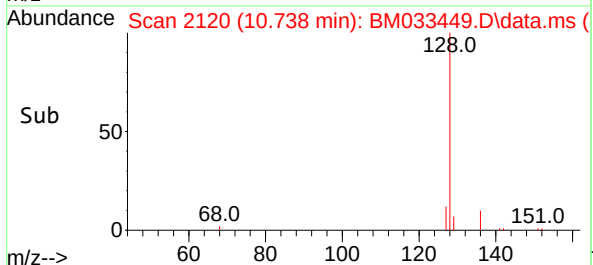
Reviewed By :Jagrut Upadhyay 12/15/2021  
Supervised By :mohammad ahmed 12/24/2021

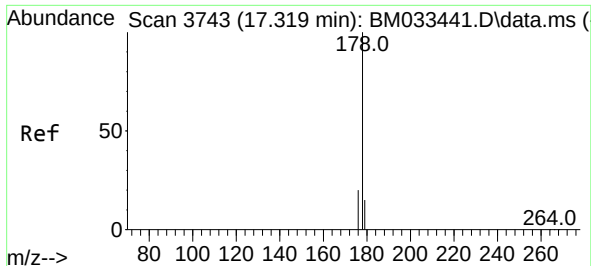


#5  
Naphthalene  
Concen: 0.048 ng/ul  
RT: 10.738 min Scan# 2120  
Delta R.T. -0.018 min  
Lab File: BM033449.D  
Acq: 14 Dec 2021 20:37



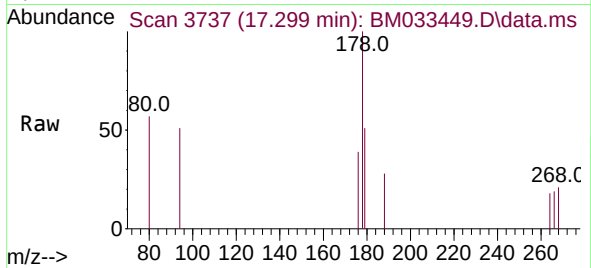
Tgt Ion:128 Resp: 298  
Ion Ratio Lower Upper  
128 100  
129 37.3 13.4 20.2#  
127 32.7 15.2 22.8#





#15  
Phenanthrene  
Concen: 0.030 ng/u1  
RT: 17.299 min Scan# 31  
Delta R.T. -0.021 min  
Lab File: BM033449.D  
Acq: 14 Dec 2021 20:37

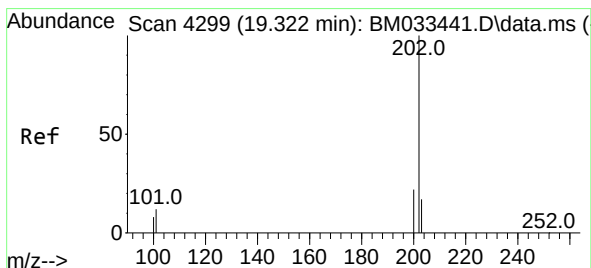
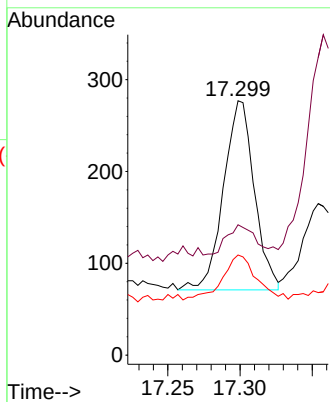
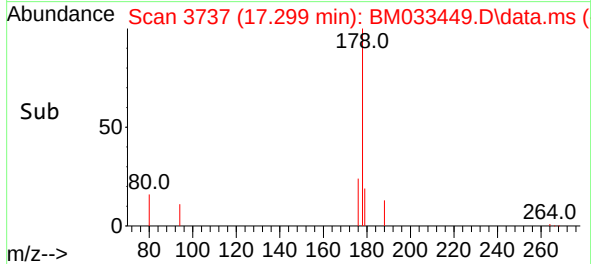
Instrument :  
BNA\_M  
ClientSampleId :  
EW5P9



Tgt Ion:178 Resp: 300  
Ion Ratio Lower Upper  
178 100  
179 51.3 15.0 22.6#  
176 39.4 17.9 26.9#

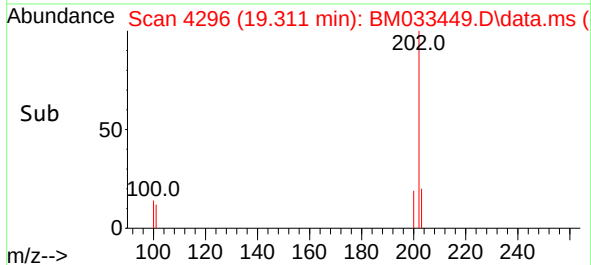
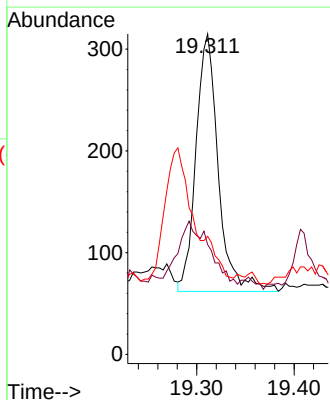
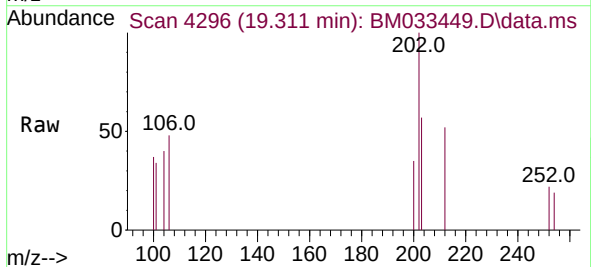
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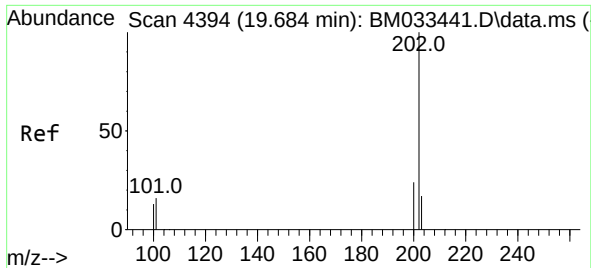
Reviewed By :Jagrut Upadhyay 12/15/2021  
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#19  
Fluoranthene  
Concen: 0.037 ng/u1  
RT: 19.311 min Scan# 4296  
Delta R.T. -0.011 min  
Lab File: BM033449.D  
Acq: 14 Dec 2021 20:37

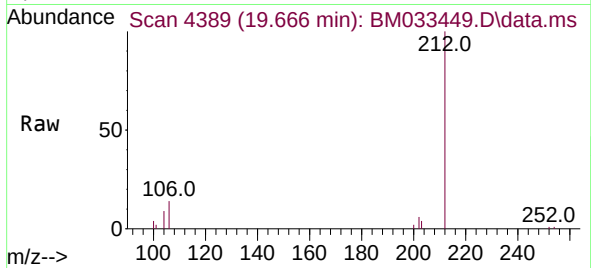
Tgt Ion:202 Resp: 403  
Ion Ratio Lower Upper  
202 100  
101 34.3 9.2 13.8#  
100 36.8 7.2 10.8#





#20  
Pyrene  
Concen: 0.034 ng/ul  
RT: 19.666 min Scan# 4394  
Delta R.T. -0.019 min  
Lab File: BM033449.D  
Acq: 14 Dec 2021 20:37

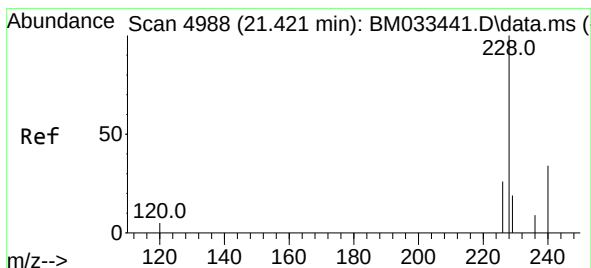
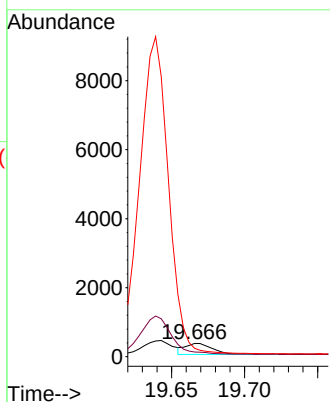
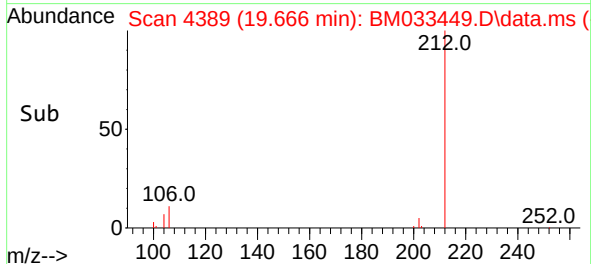
Instrument :  
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ClientSampleId :  
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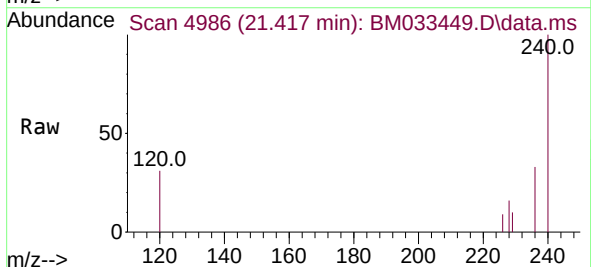
Tgt Ion:202 Resp: 415  
Ion Ratio Lower Upper  
202 100  
101 35.7 9.3 13.9#  
100 63.0 7.8 11.6#

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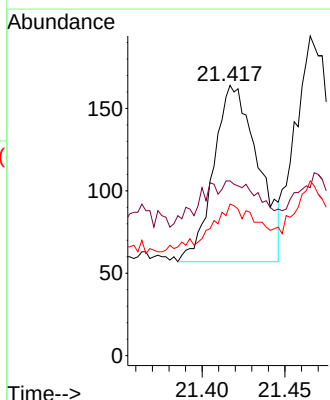
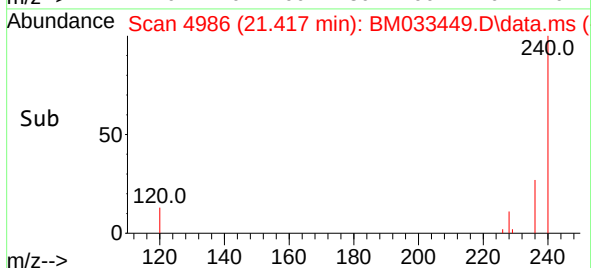
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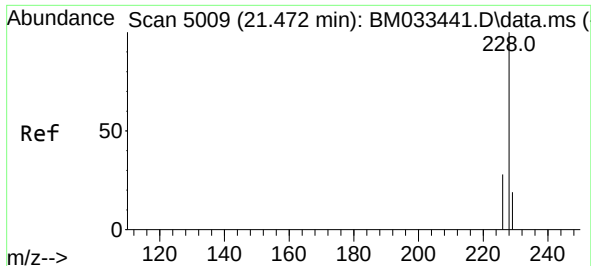


#21  
Benzo(a)anthracene  
Concen: 0.022 ng/ul  
RT: 21.417 min Scan# 4986  
Delta R.T. -0.004 min  
Lab File: BM033449.D  
Acq: 14 Dec 2021 20:37



Tgt Ion:228 Resp: 200  
Ion Ratio Lower Upper  
228 100  
229 64.6 17.3 25.9#  
226 56.1 23.2 34.8#





#22

Chrysene

Concen: 0.022 ng/ul

RT: 21.465 min Scan# 5006

Delta R.T. -0.007 min

Lab File: BM033449.D

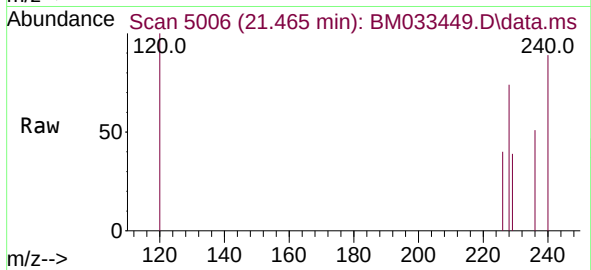
Acq: 14 Dec 2021 20:37

Instrument :

BNA\_M

ClientSampleId :

EW5P9



Tgt Ion:228 Resp: 248

Ion Ratio Lower Upper

228 100

226 54.6 25.8 38.8

229 52.6 16.7 25.1

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