

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070824\  
 Data File : BM046481.D  
 Acq On : 09 Jul 2024 19:58  
 Operator : MA/JU  
 Sample : P3084-01  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E1G74

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024  
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 10 00:47:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 08:09:14 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.527  | 152  | 3751     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.286 | 136  | 9955     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.168 | 164  | 6532     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.920 | 188  | 13548m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.123 | 240  | 9640     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.271 | 264  | 10185m   | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.126  | 96   | 12847    | 3.316 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.887 | 152  | 5450     | 0.370 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.954 | 212  | 12405    | 0.367 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.336 | 128  | 1100     | 0.042 | ng/ul# | 82       |
| 7) 2-Methylnaphthalene      | 11.964 | 142  | 1062     | 0.059 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.184 | 142  | 721      | 0.039 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.232 | 153  | 448      | 0.021 | ng/ul# | 93       |
| 12) Fluorene                | 15.227 | 166  | 680      | 0.027 | ng/ul# | 95       |
| 14) Pentachlorophenol       | 16.570 | 266  | 124      | 0.031 | ng/ul  | 96       |
| 15) Phenanthrene            | 16.958 | 178  | 978      | 0.024 | ng/ul# | 82       |
| 16) Anthracene              | 17.051 | 178  | 890      | 0.023 | ng/ul# | 75       |
| 19) Fluoranthene            | 18.987 | 202  | 1038     | 0.021 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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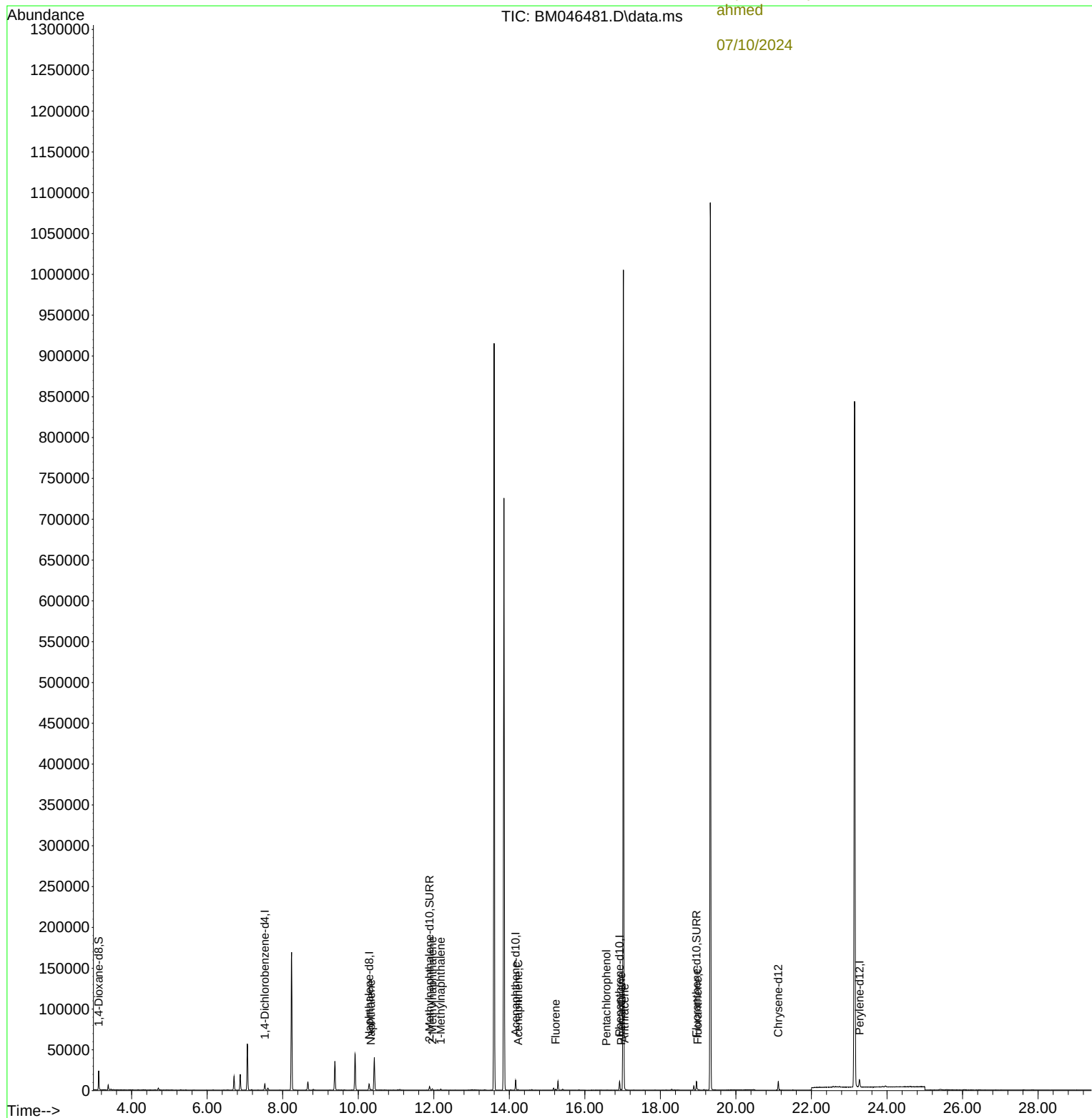
Quant Time: Jul 10 00:47:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 09 08:09:14 2024  
Response via : Initial Calibration

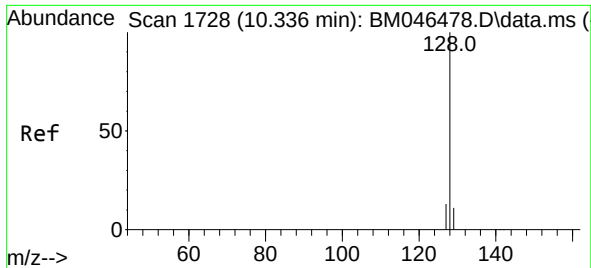
Manual Integrations  
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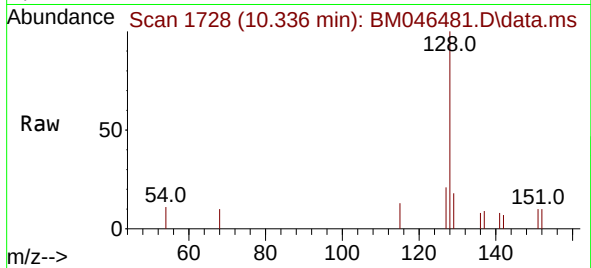
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#5  
Naphthalene  
Concen: 0.042 ng/ul  
RT: 10.336 min Scan# 1728  
Delta R.T. -0.005 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58

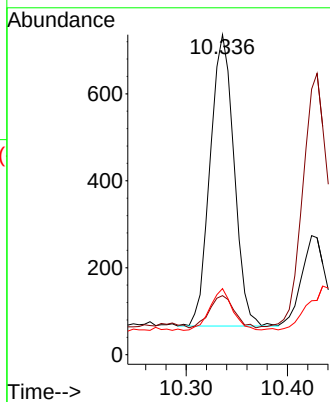
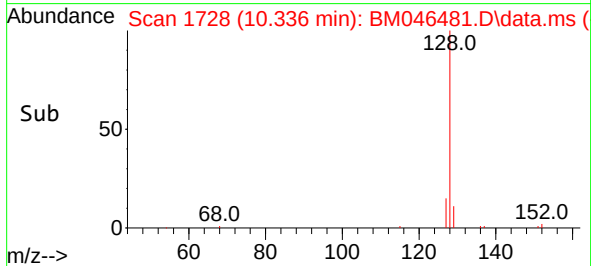
Instrument :  
BNA\_M  
ClientSampleId :  
E1G74



Tgt Ion:128 Resp: 1100  
Ion Ratio Lower Upper  
128 100  
129 18.5 9.4 14.0  
127 20.7 10.8 16.2

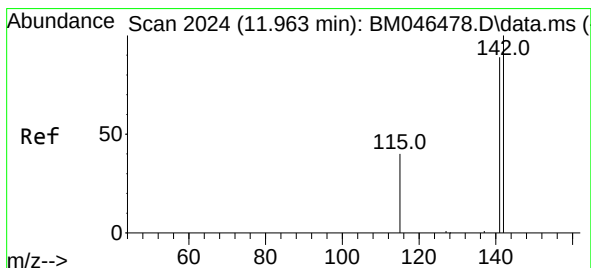
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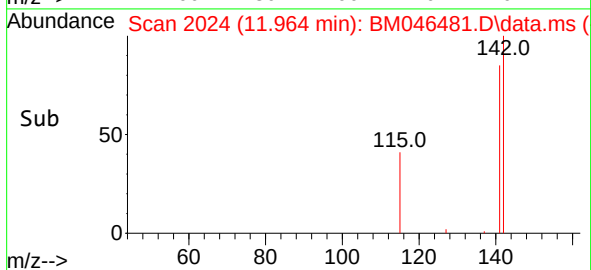
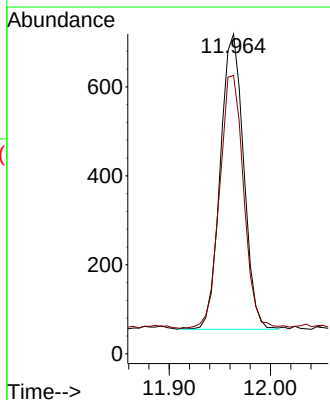
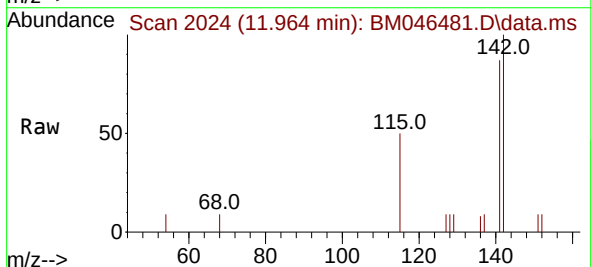
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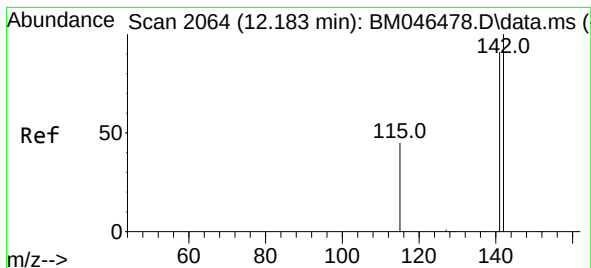
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#7  
2-Methylnaphthalene  
Concen: 0.059 ng/ul  
RT: 11.964 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58

Tgt Ion:142 Resp: 1062  
Ion Ratio Lower Upper  
142 100  
141 88.5 69.8 104.6





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.184 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BM046481.D

Acq: 09 Jul 2024 19:58

Instrument :

BNA\_M

ClientSampleId :

E1G74

Tgt Ion:142 Resp: 72.4

Ion Ratio Lower Upper

142 100

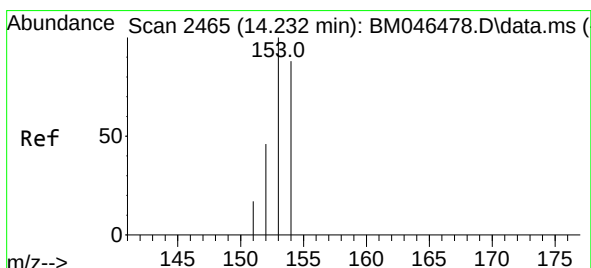
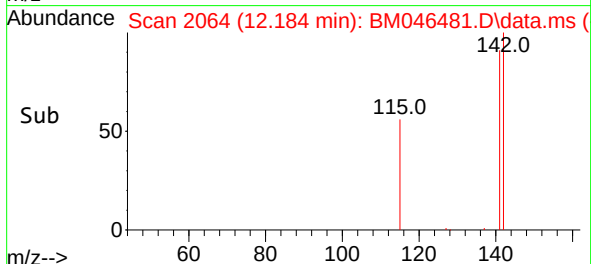
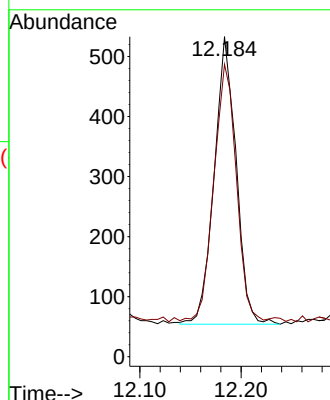
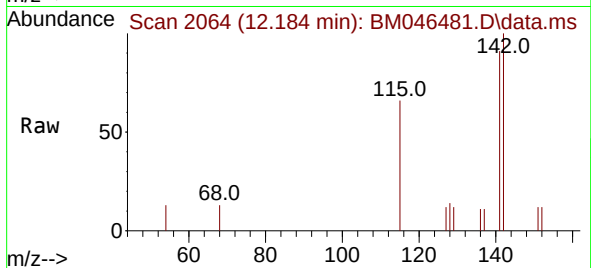
141 92.9 72.4 108.6

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#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.232 min Scan# 2465

Delta R.T. 0.000 min

Lab File: BM046481.D

Acq: 09 Jul 2024 19:58

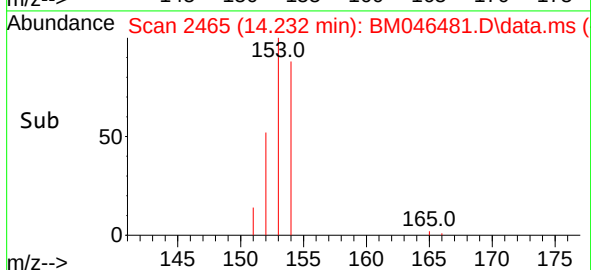
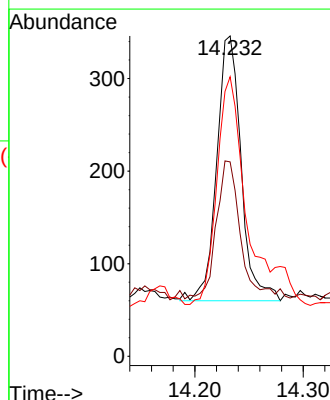
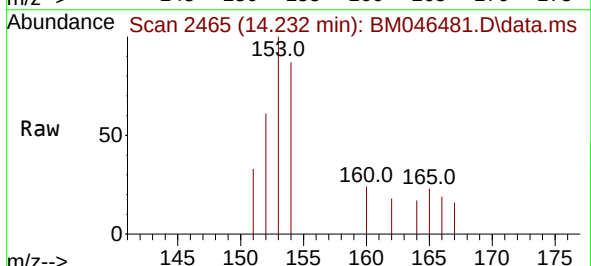
Tgt Ion:153 Resp: 448

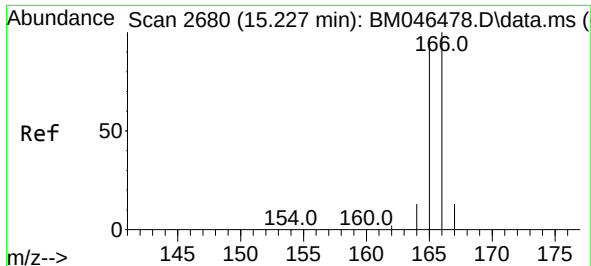
Ion Ratio Lower Upper

153 100

152 60.7 40.4 60.6#

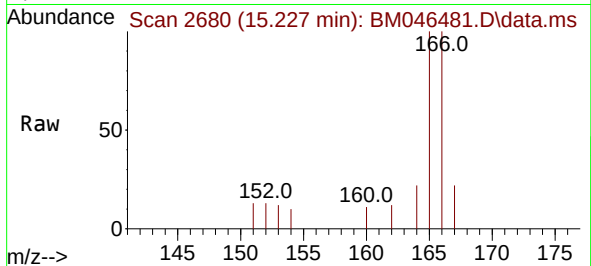
154 87.3 72.1 108.1





#12  
Fluorene  
Concen: 0.027 ng/ul  
RT: 15.227 min Scan# 2680  
Delta R.T. 0.000 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58

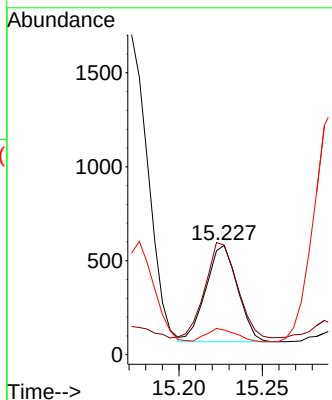
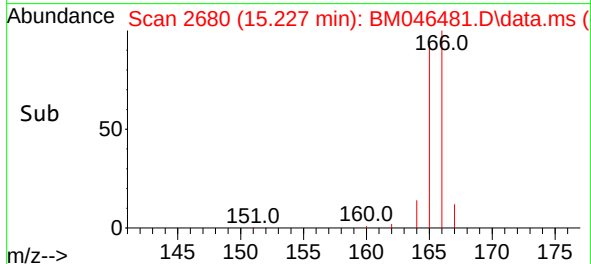
Instrument :  
BNA\_M  
ClientSampleId :  
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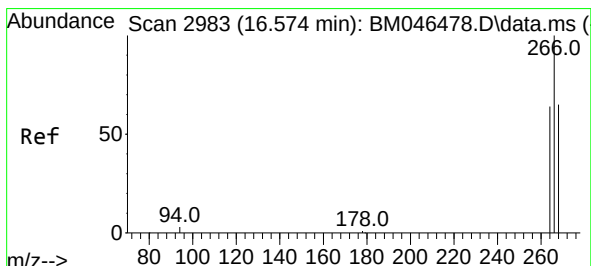
Tgt Ion:166 Resp: 680  
Ion Ratio Lower Upper  
166 100  
165 100.2 78.0 117.0  
167 22.5 11.4 17.0

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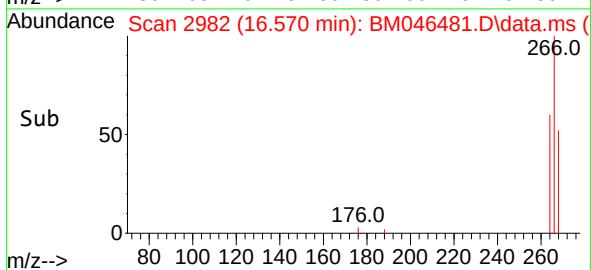
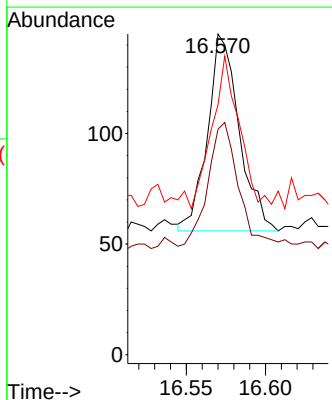
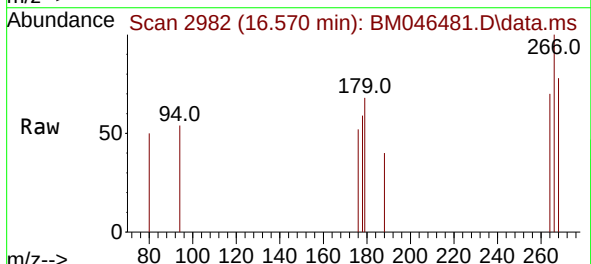


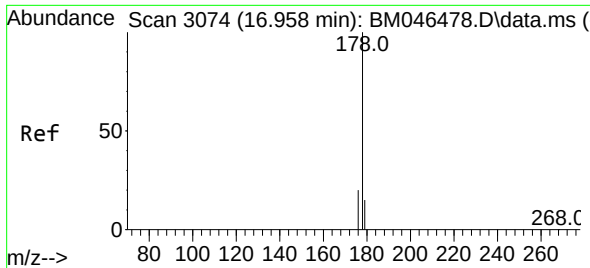
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ahmed  
07/10/2024



#14  
Pentachlorophenol  
Concen: 0.031 ng/ul  
RT: 16.570 min Scan# 2982  
Delta R.T. -0.004 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58

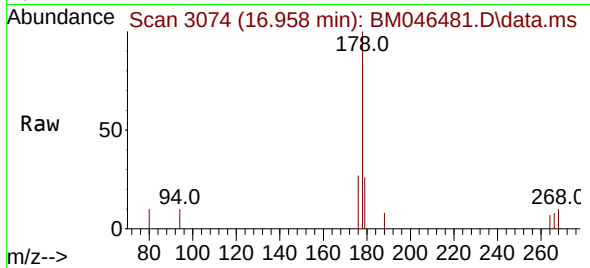
Tgt Ion:266 Resp: 124  
Ion Ratio Lower Upper  
266 100  
264 66.1 51.0 76.6  
268 66.9 50.8 76.2





#15  
Phenanthrene  
Concen: 0.024 ng/ul  
RT: 16.958 min Scan# 3074  
Delta R.T. -0.004 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58

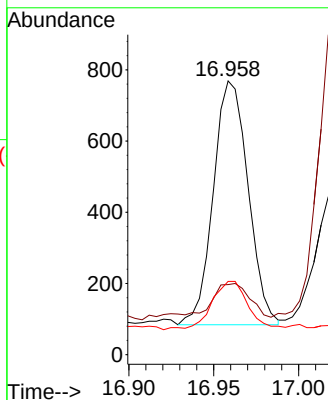
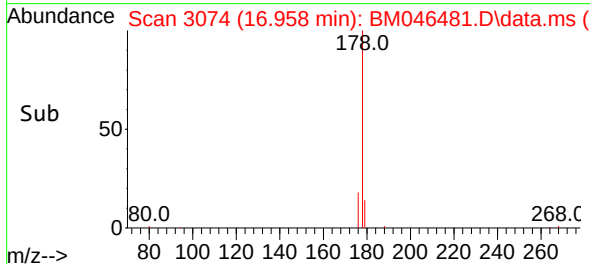
Instrument :  
BNA\_M  
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E1G74



Tgt Ion:178 Resp: 978  
Ion Ratio Lower Upper  
178 100  
179 25.6 12.7 19.1#  
176 26.8 16.0 24.0#

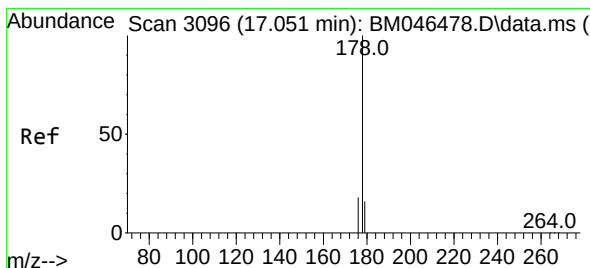
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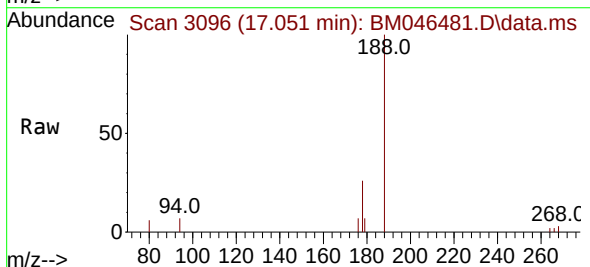


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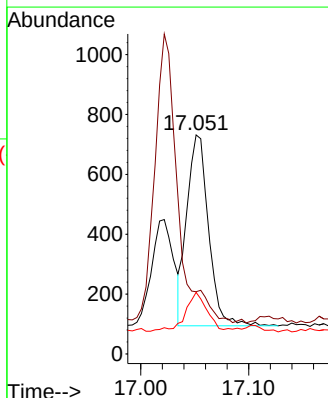
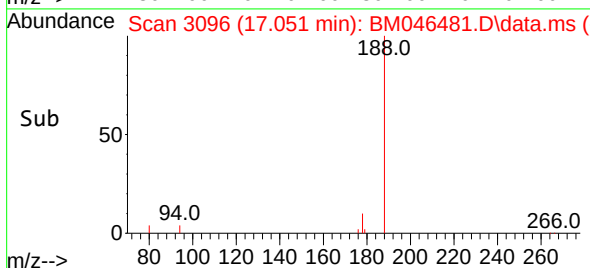
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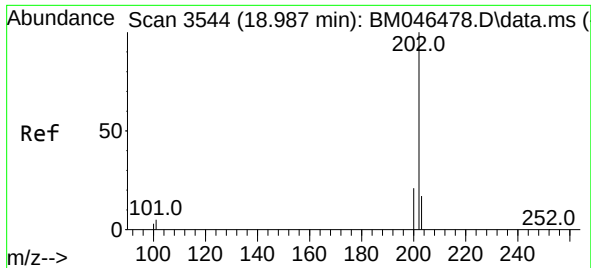


#16  
Anthracene  
Concen: 0.023 ng/ul  
RT: 17.051 min Scan# 3096  
Delta R.T. 0.000 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58



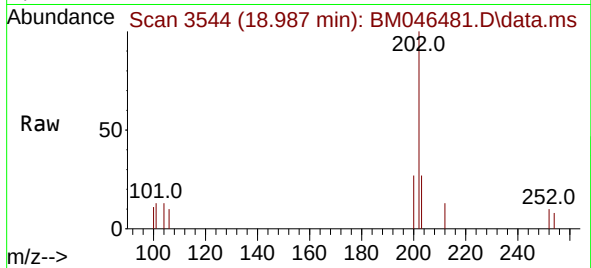
Tgt Ion:178 Resp: 890  
Ion Ratio Lower Upper  
178 100  
179 28.4 12.6 18.8#  
176 28.1 14.9 22.3#





#19  
Fluoranthene  
Concen: 0.021 ng/ul  
RT: 18.987 min Scan# 3544  
Delta R.T. -0.005 min  
Lab File: BM046481.D  
Acq: 09 Jul 2024 19:58

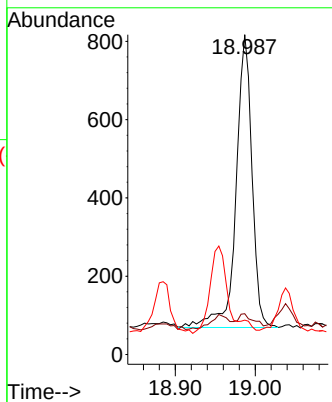
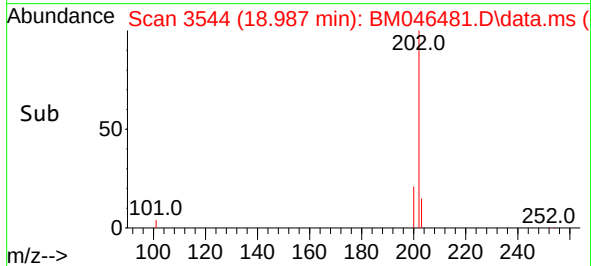
Instrument :  
BNA\_M  
ClientSampleId :  
E1G74



Tgt Ion:202 Resp: 1038  
Ion Ratio Lower Upper  
202 100  
101 12.7 6.3 9.5  
100 10.8 5.0 7.6

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