

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102124\  
 Data File : BM048185.D  
 Acq On : 22 Oct 2024 10:31  
 Operator : RC/JU  
 Sample : P4380-08  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E27J0

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024  
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 11:01:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 22 10:58:11 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.767  | 152  | 6375     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.552 | 136  | 19992    | 0.400 | ng/ul  | #-0.03   |
| 9) Acenaphthene-d10         | 14.396 | 164  | 17786    | 0.400 | ng/ul  | #-0.02   |
| 13) Phenanthrene-d10        | 17.141 | 188  | 24679m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.312 | 240  | 18132m   | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.571 | 264  | 15505m   | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.235  | 96   | 35821    | 4.134 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.146 | 152  | 10402    | 0.373 | ng/ul  | -0.05    |
| 18) Fluoranthene-d10        | 19.165 | 212  | 22363m   | 0.424 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.601 | 128  | 389050   | 7.161 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.218 | 142  | 84928    | 2.732 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.438 | 142  | 109091   | 3.049 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.118 | 152  | 28359    | 0.345 | ng/ul# | 94       |
| 11) Acenaphthene            | 14.460 | 153  | 130779   | 2.227 | ng/ul  | 98       |
| 12) Fluorene                | 15.446 | 166  | 62950    | 1.001 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.804 | 266  | 661m     | 0.080 | ng/ul  |          |
| 15) Phenanthrene            | 17.179 | 178  | 294386m  | 4.720 | ng/ul  |          |
| 16) Anthracene              | 17.272 | 178  | 22261m   | 0.377 | ng/ul  |          |
| 19) Fluoranthene            | 19.193 | 202  | 75306m   | 1.058 | ng/ul  |          |
| 20) Pyrene                  | 19.555 | 202  | 41999m   | 0.549 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

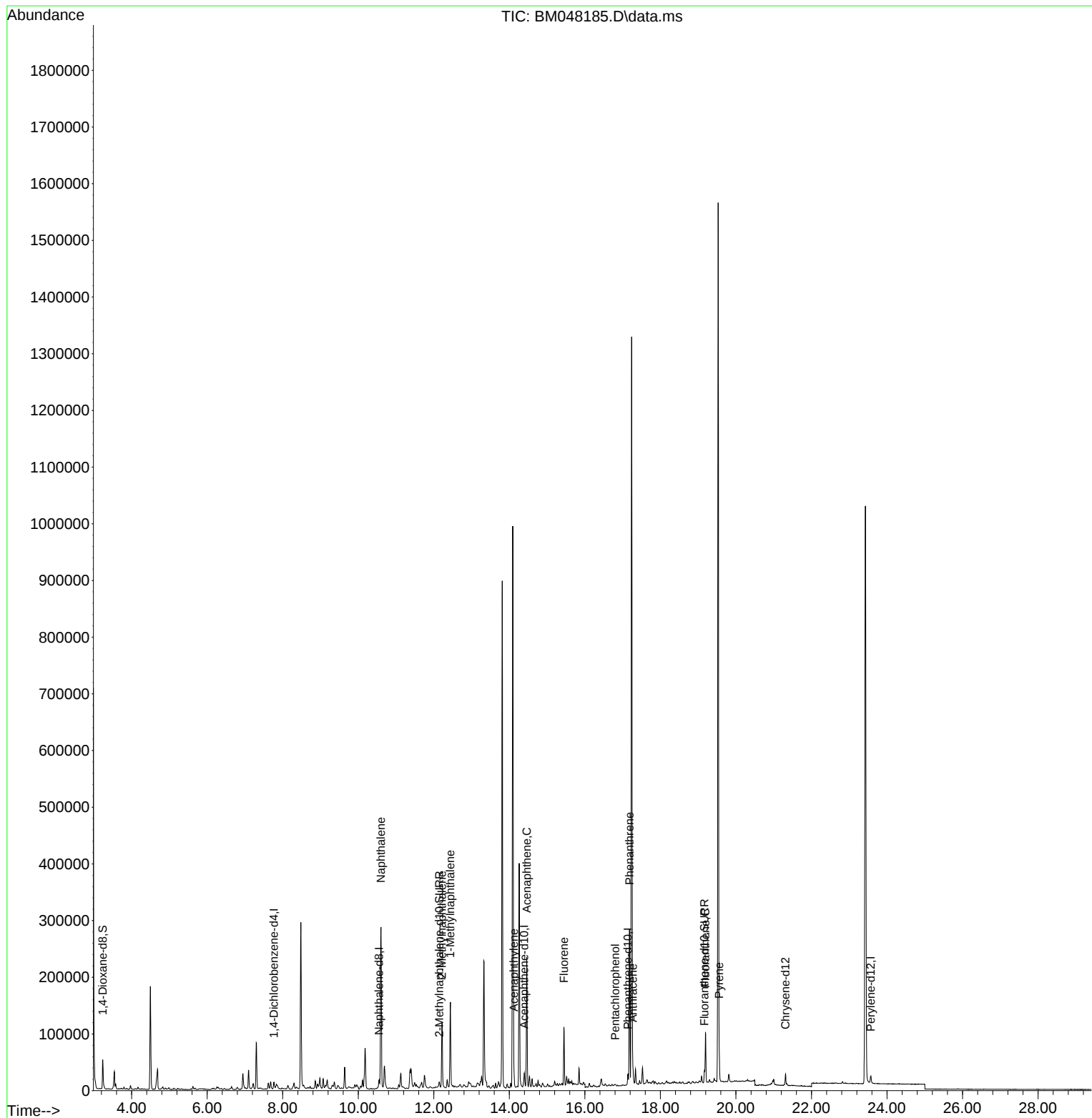
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102124\  
Data File : BM048185.D  
Acq On : 22 Oct 2024 10:31  
Operator : RC/JU  
Sample : P4380-08  
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ALS Vial : 42 Sample Multiplier: 1

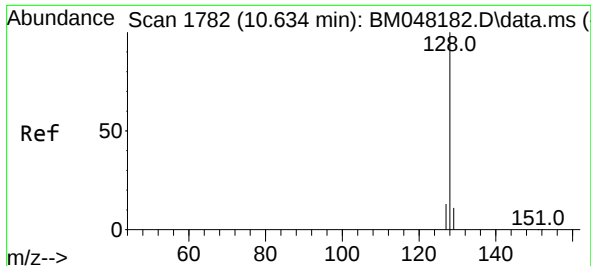
Instrument :  
BNA\_M  
ClientSampleId :  
E27J0

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Supervised By :mohammad ahmed 10/23/2024

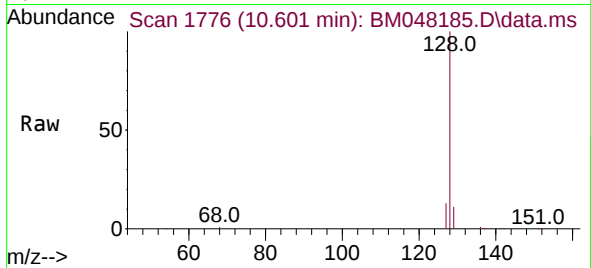
Quant Time: Oct 22 11:01:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 22 10:58:11 2024  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 7.161 ng/ul  
RT: 10.601 min Scan# 1776  
Delta R.T. -0.033 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

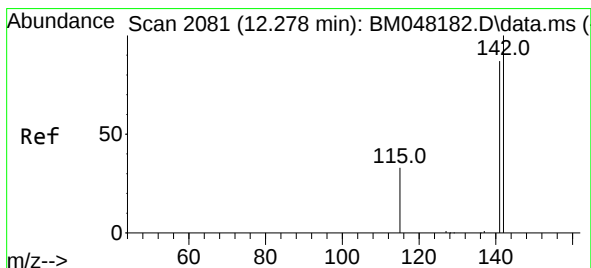
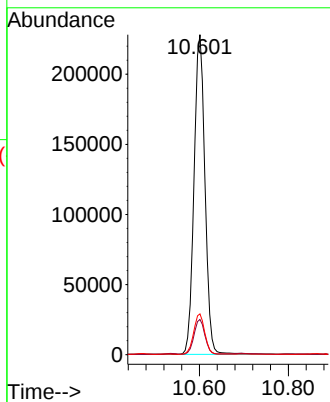
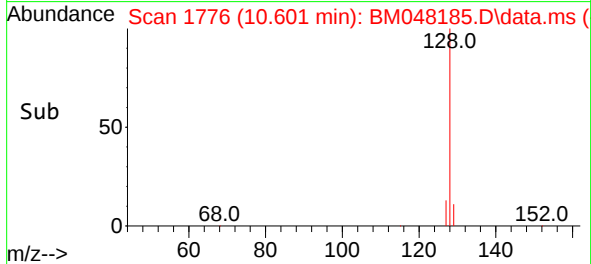
Instrument :  
BNA\_M  
ClientSampleId :  
E27J0



Tgt Ion:128 Resp: 389050  
Ion Ratio Lower Upper  
128 100  
129 11.0 10.6 15.8  
127 12.8 11.3 16.9

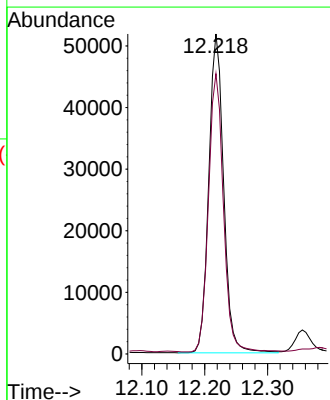
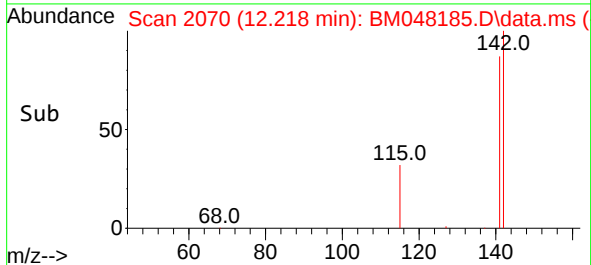
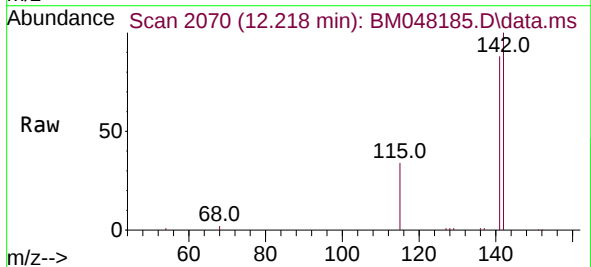
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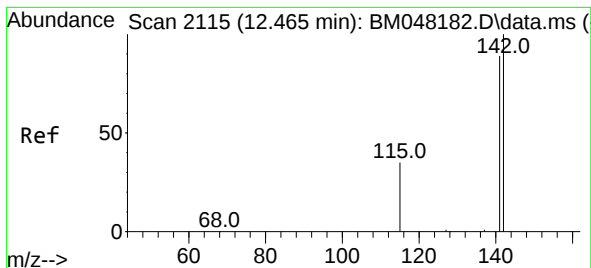
Reviewed By :Yogesh Patel 10/23/2024  
Supervised By :mohammad ahmed 10/23/2024



#7  
2-Methylnaphthalene  
Concen: 2.732 ng/ul  
RT: 12.218 min Scan# 2070  
Delta R.T. -0.060 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

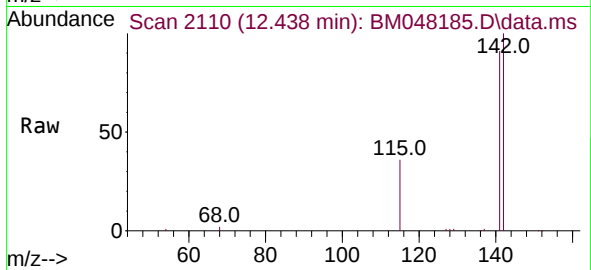
Tgt Ion:142 Resp: 84928  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.9 107.9





#8  
1-Methylnaphthalene  
Concen: 3.049 ng/ul  
RT: 12.438 min Scan# 2115  
Delta R.T. -0.027 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

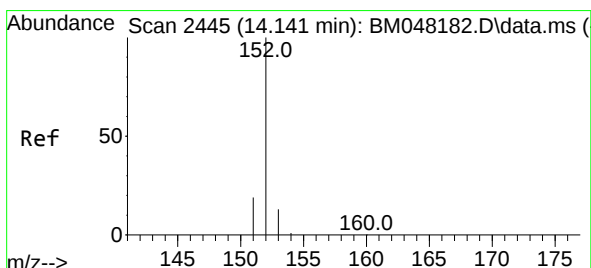
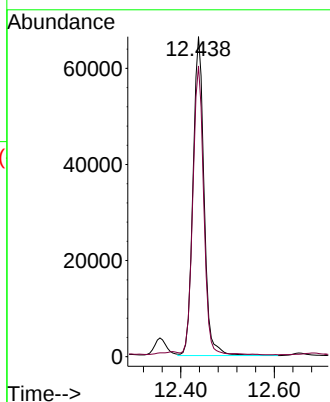
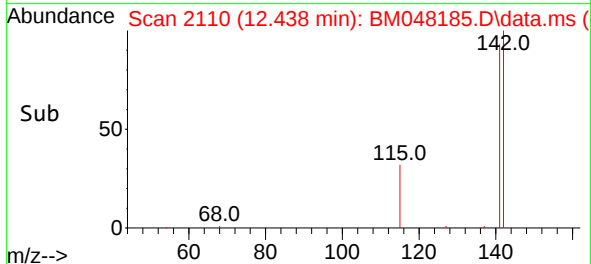
Instrument :  
BNA\_M  
ClientSampleId :  
E27J0



Tgt Ion:142 Resp: 10909  
Ion Ratio Lower Upper  
142 100  
141 89.6 73.8 110.6

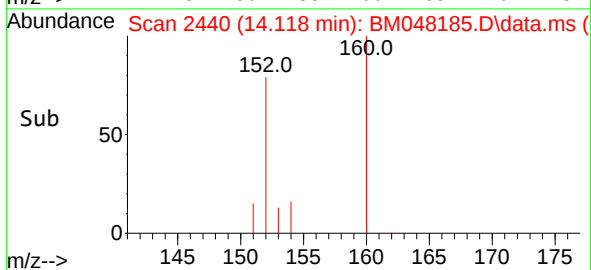
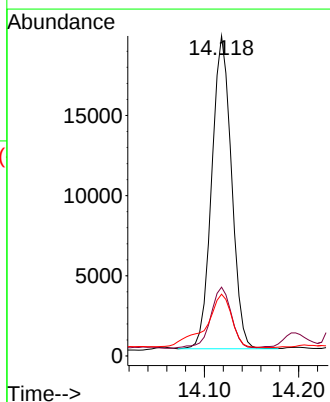
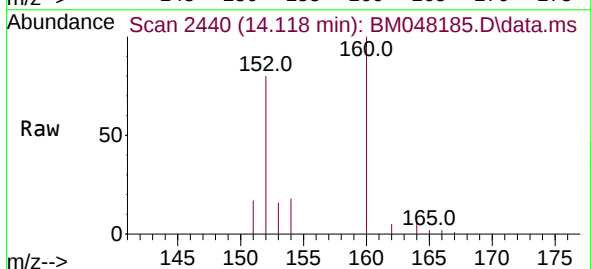
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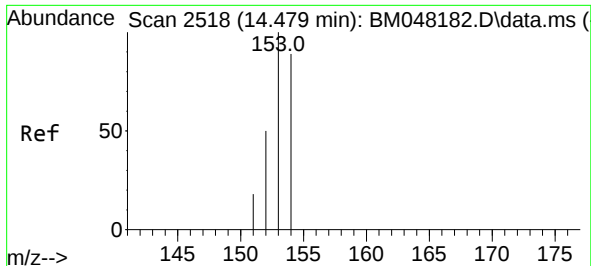
Reviewed By :Yogesh Patel 10/23/2024  
Supervised By :mohammad ahmed 10/23/2024



#10  
Acenaphthylene  
Concen: 0.345 ng/ul  
RT: 14.118 min Scan# 2440  
Delta R.T. -0.023 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

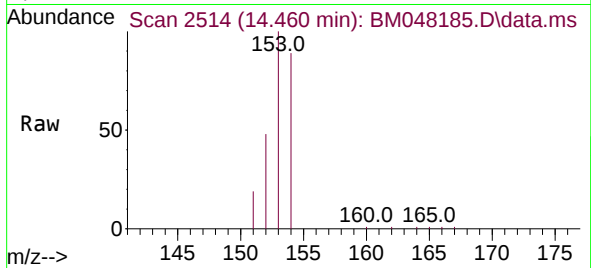
Tgt Ion:152 Resp: 28359  
Ion Ratio Lower Upper  
152 100  
151 21.5 16.2 24.4  
153 19.3 11.7 17.5#





#11  
Acenaphthene  
Concen: 2.227 ng/ul  
RT: 14.460 min Scan# 214  
Delta R.T. -0.018 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

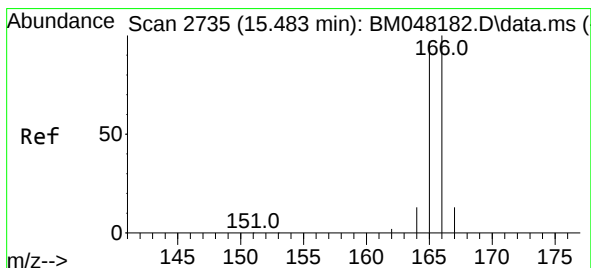
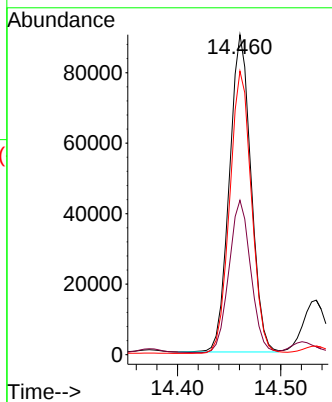
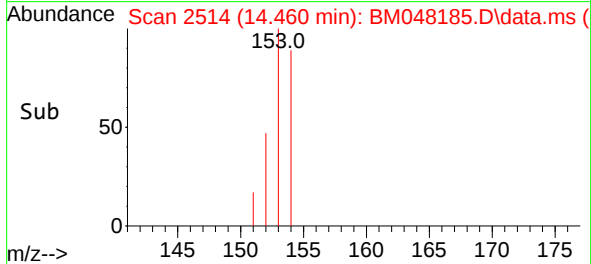
Instrument :  
BNA\_M  
ClientSampleId :  
E27J0



Tgt Ion:153 Resp: 130779  
Ion Ratio Lower Upper  
153 100  
152 48.2 40.9 61.3  
154 88.6 71.0 106.4

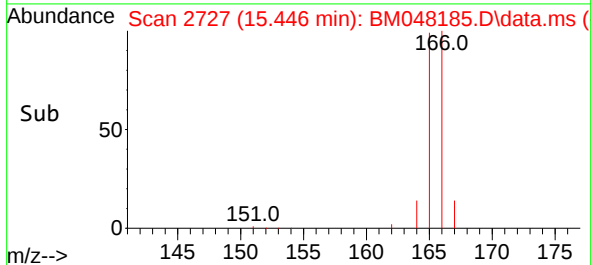
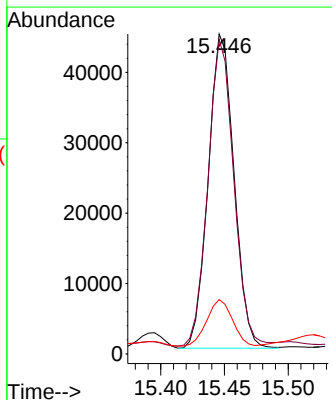
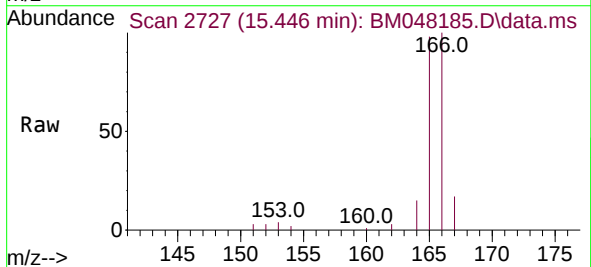
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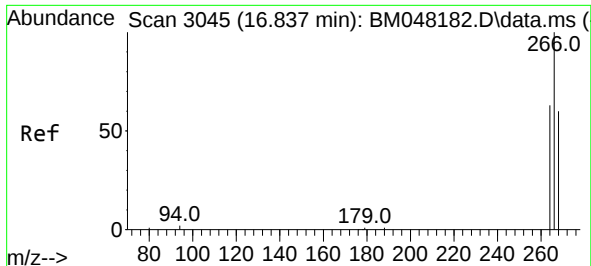
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Supervised By :mohammad ahmed 10/23/2024



#12  
Fluorene  
Concen: 1.001 ng/ul  
RT: 15.446 min Scan# 2727  
Delta R.T. -0.037 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

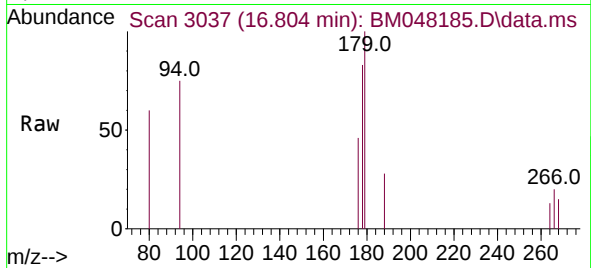
Tgt Ion:166 Resp: 62950  
Ion Ratio Lower Upper  
166 100  
165 98.2 79.1 118.7  
167 17.0 12.0 18.0





#14  
Pentachlorophenol  
Concen: 0.080 ng/ul m  
RT: 16.804 min Scan# 3045  
Delta R.T. -0.034 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

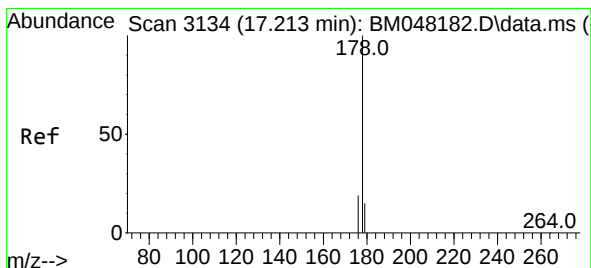
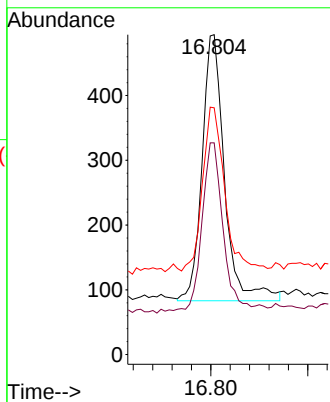
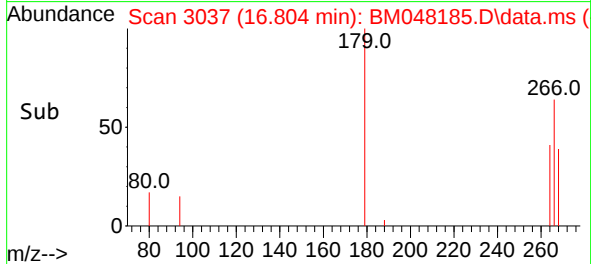
Instrument :  
BNA\_M  
ClientSampleId :  
E27J0



Tgt Ion:266 Resp: 66  
Ion Ratio Lower Upper  
266 100  
264 2.6 50.2 75.2  
268 0.0 51.8 77.6

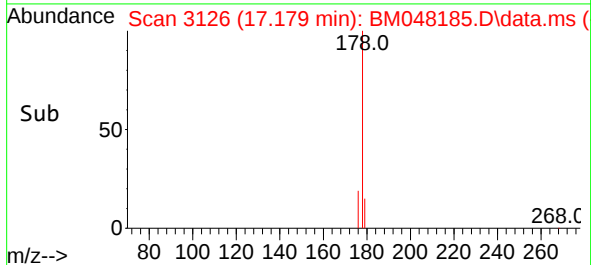
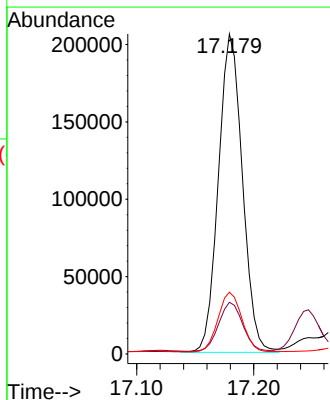
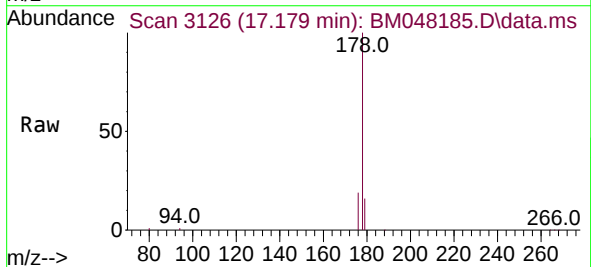
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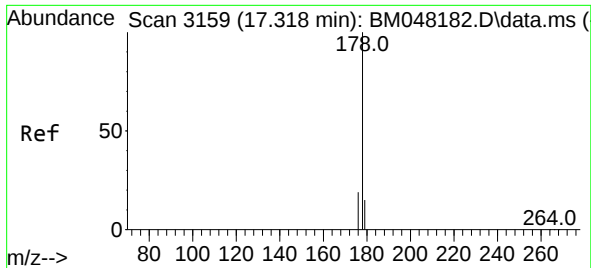
Reviewed By :Yogesh Patel 10/23/2024  
Supervised By :mohammad ahmed 10/23/2024



#15  
Phenanthrene  
Concen: 4.720 ng/ul m  
RT: 17.179 min Scan# 3126  
Delta R.T. -0.034 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

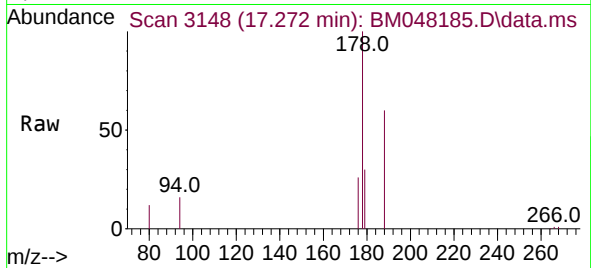
Tgt Ion:178 Resp: 294386  
Ion Ratio Lower Upper  
178 100  
179 16.1 13.2 19.8  
176 19.3 16.0 24.0





#16  
 Anthracene  
 Concen: 0.377 ng/ul m  
 RT: 17.272 min Scan# 3148  
 Delta R.T. -0.046 min  
 Lab File: BM048185.D  
 Acq: 22 Oct 2024 10:31

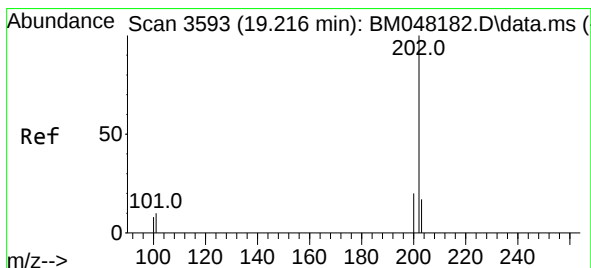
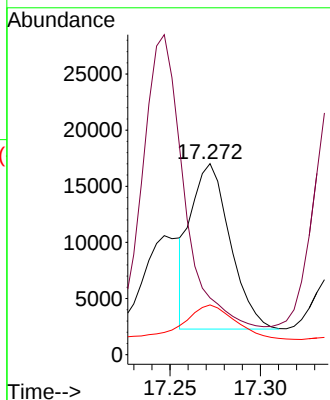
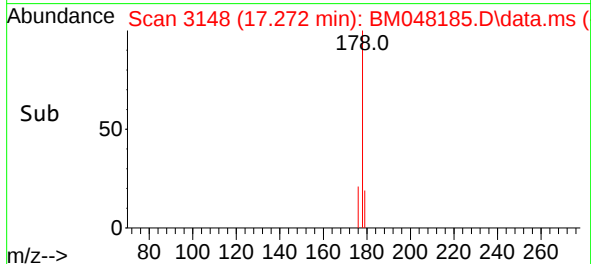
Instrument :  
 BNA\_M  
 ClientSampleId :  
 E27J0



Tgt Ion:178 Resp: 2226  
 Ion Ratio Lower Upper  
 178 100  
 179 29.7 14.5 21.7  
 176 26.1 16.0 24.0

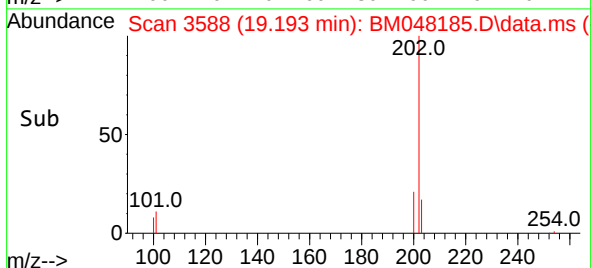
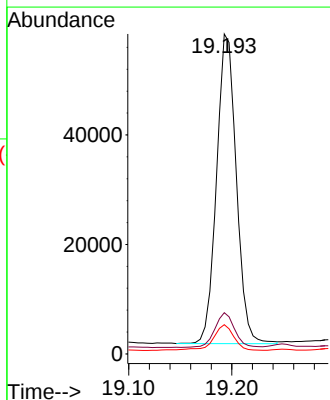
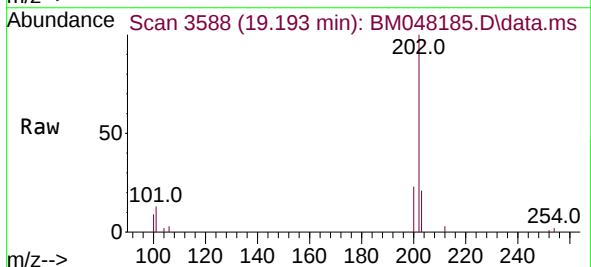
Manual Integrations  
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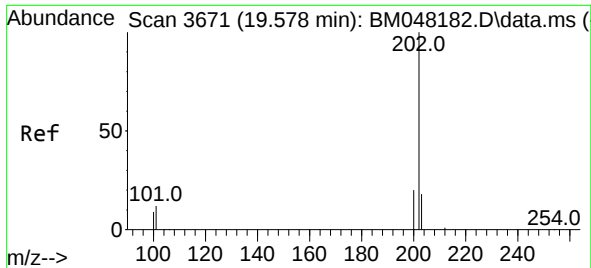
Reviewed By :Yogesh Patel 10/23/2024  
 Supervised By :mohammad ahmed 10/23/2024



#19  
 Fluoranthene  
 Concen: 1.058 ng/ul m  
 RT: 19.193 min Scan# 3588  
 Delta R.T. -0.023 min  
 Lab File: BM048185.D  
 Acq: 22 Oct 2024 10:31

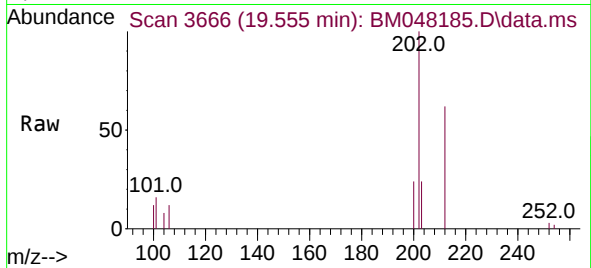
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 Ion Ratio Lower Upper  
 202 100  
 101 12.9 9.3 13.9  
 100 9.1 7.1 10.7





#20  
Pyrene  
Concen: 0.549 ng/ul m  
RT: 19.555 min Scan# 30  
Delta R.T. -0.023 min  
Lab File: BM048185.D  
Acq: 22 Oct 2024 10:31

Instrument :  
BNA\_M  
ClientSampleId :  
E27J0



Tgt Ion:202 Resp: 41999  
Ion Ratio Lower Upper  
202 100  
101 15.8 10.6 16.0  
100 11.8 8.1 12.1

Manual Integrations  
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