

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110424\  
 Data File : BM048454.D  
 Acq On : 05 Nov 2024 12:11  
 Operator : RC/JU  
 Sample : P4625-01  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA0

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 12:50:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 05 05:12:02 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.699  | 152  | 4208     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.479 | 136  | 13806    | 0.400 | ng/ul  | -0.05    |
| 9) Acenaphthene-d10         | 14.339 | 164  | 7536     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.085 | 188  | 16025m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.272 | 240  | 12471m   | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.499 | 264  | 10242m   | 0.400 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.160  | 96   | 23654    | 4.577 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.101 | 152  | 4414     | 0.251 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 19.112 | 212  | 12131    | 0.383 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.528 | 128  | 8476     | 0.235 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.387 | 142  | 631m     | 0.028 | ng/ul  |          |
| 10) Acenaphthylene          | 14.057 | 152  | 1047     | 0.036 | ng/ul# | 59       |
| 11) Acenaphthene            | 14.399 | 153  | 115403   | 4.943 | ng/ul  | 99       |
| 12) Fluorene                | 15.389 | 166  | 23078    | 0.889 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.123 | 178  | 1268m    | 0.032 | ng/ul  |          |
| 16) Anthracene              | 17.216 | 178  | 5569m    | 0.149 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

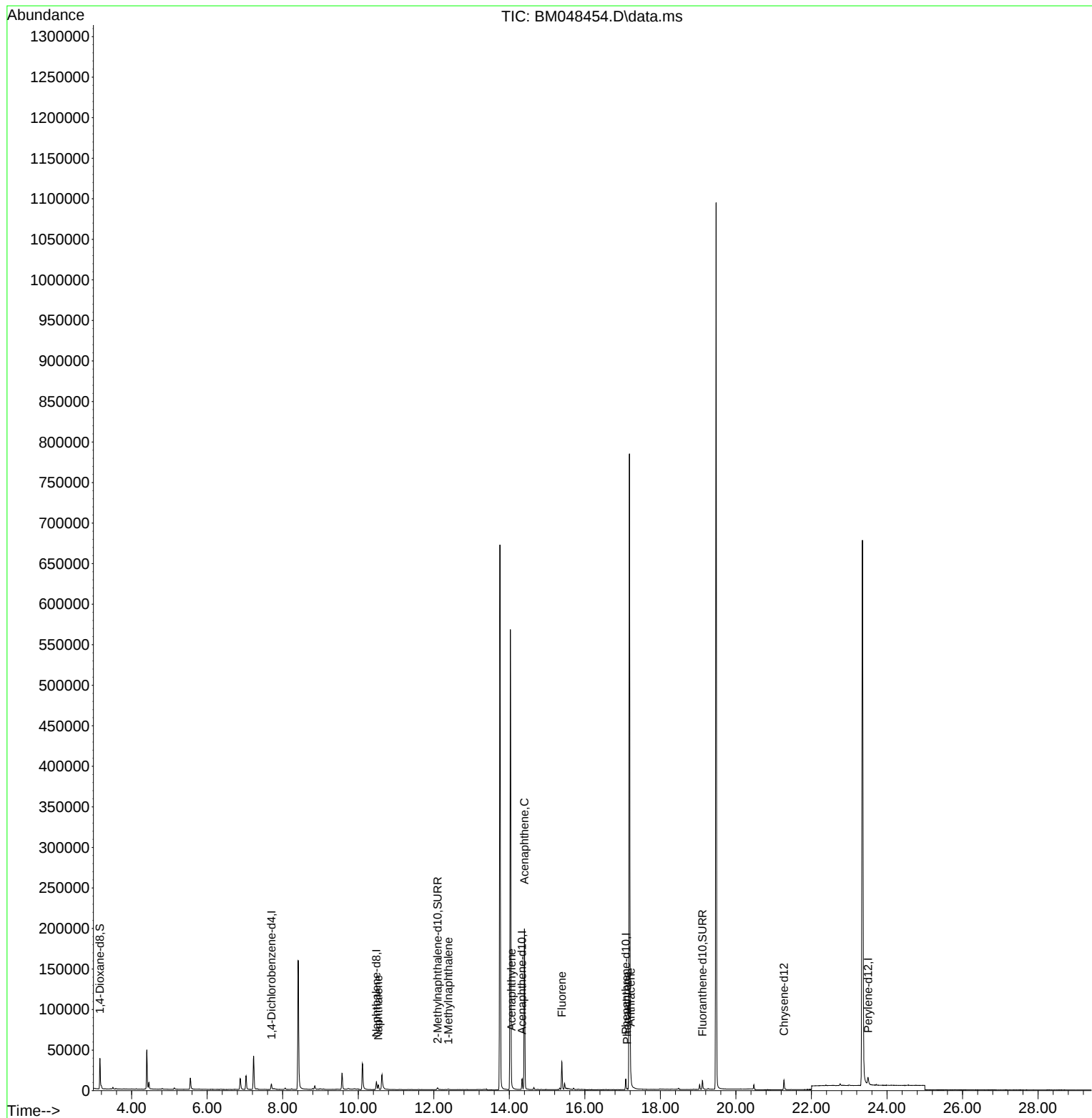
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110424\  
Data File : BM048454.D  
Acq On : 05 Nov 2024 12:11  
Operator : RC/JU  
Sample : P4625-01  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

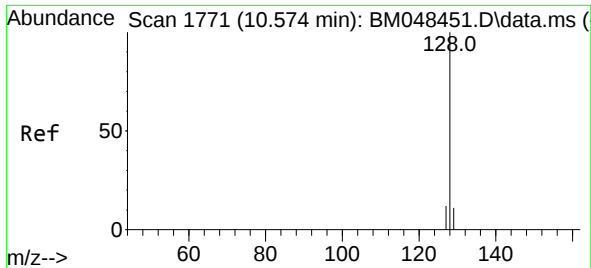
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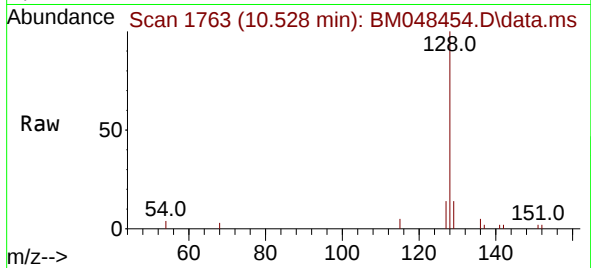
Quant Time: Nov 05 12:50:28 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 05 05:12:02 2024  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.235 ng/ul  
RT: 10.528 min Scan# 1763  
Delta R.T. -0.051 min  
Lab File: BM048454.D  
Acq: 05 Nov 2024 12:11

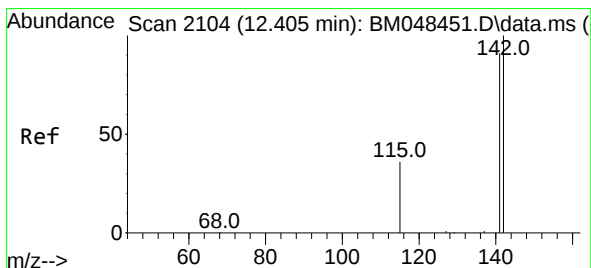
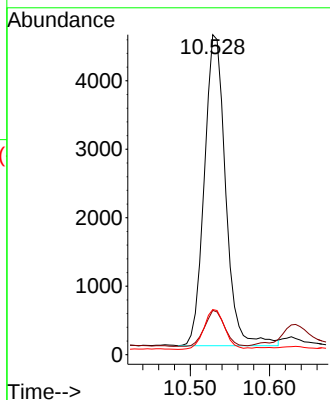
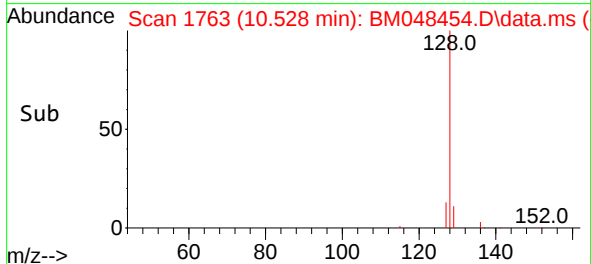
Instrument :  
BNA\_M  
ClientSampleId :  
C0AA0



Tgt Ion:128 Resp: 8470  
Ion Ratio Lower Upper  
128 100  
129 13.8 10.6 15.8  
127 14.1 11.4 17.2

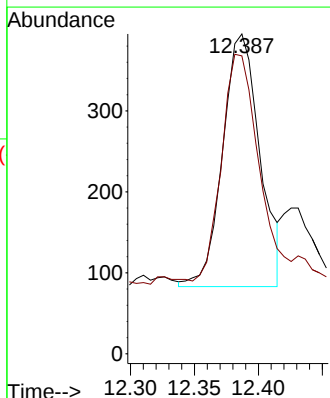
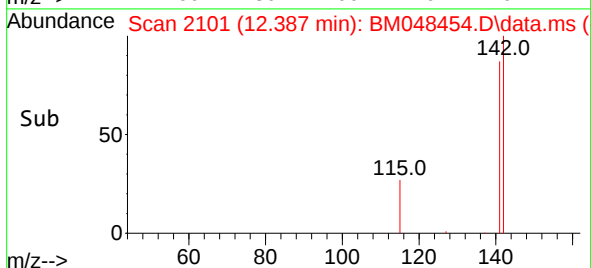
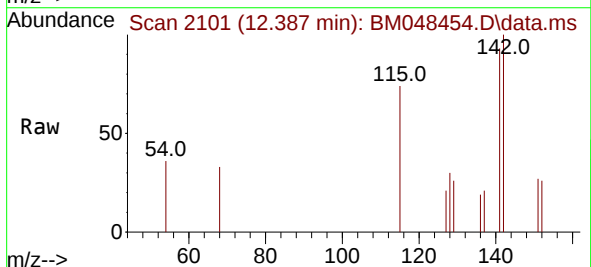
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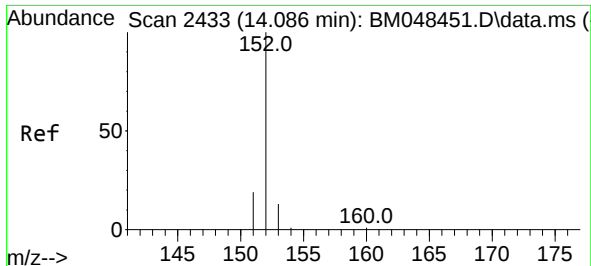
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#8  
1-Methylnaphthalene  
Concen: 0.028 ng/ul m  
RT: 12.387 min Scan# 2101  
Delta R.T. -0.029 min  
Lab File: BM048454.D  
Acq: 05 Nov 2024 12:11

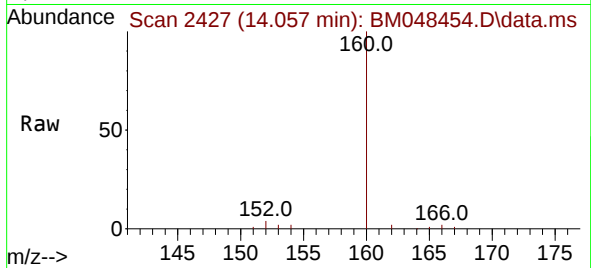
Tgt Ion:142 Resp: 631  
Ion Ratio Lower Upper  
142 100  
141 97.5 75.5 113.3





#10  
Acenaphthylene  
Concen: 0.036 ng/ul  
RT: 14.057 min Scan# 2433  
Delta R.T. -0.034 min  
Lab File: BM048454.D  
Acq: 05 Nov 2024 12:11

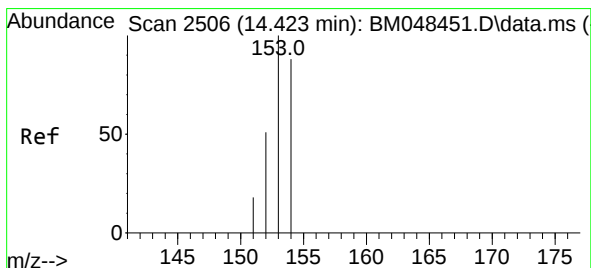
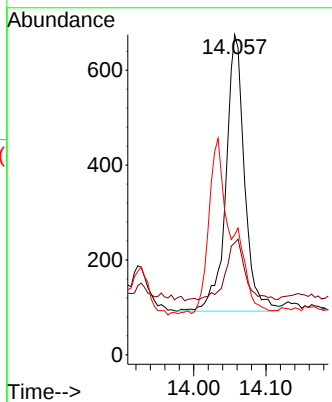
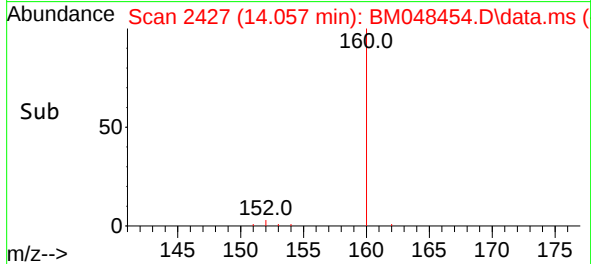
Instrument :  
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ClientSampleId :  
C0AA0



Tgt Ion:152 Resp: 104  
Ion Ratio Lower Upper  
152 100  
151 35.0 16.6 24.8  
153 37.5 11.8 17.6

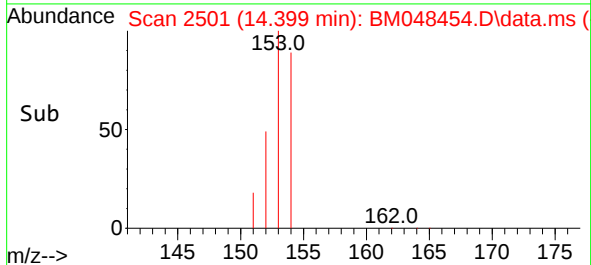
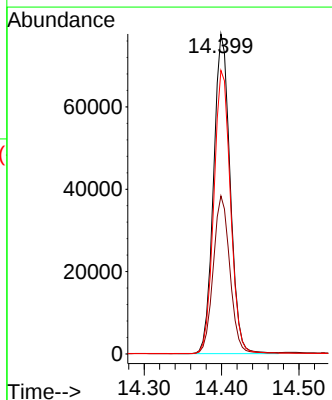
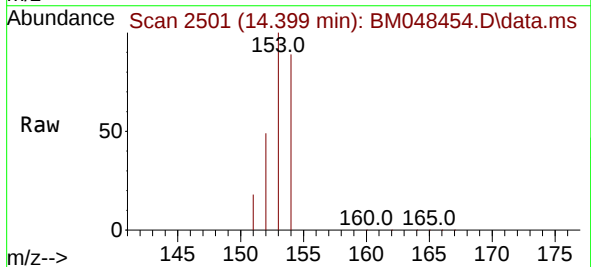
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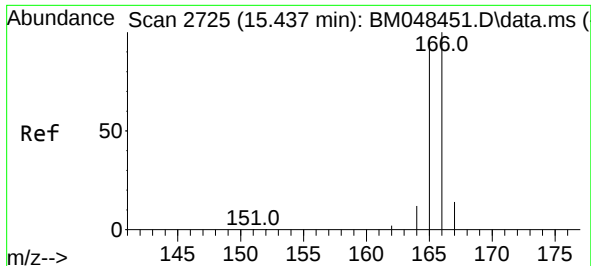
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#11  
Acenaphthene  
Concen: 4.943 ng/ul  
RT: 14.399 min Scan# 2501  
Delta R.T. -0.029 min  
Lab File: BM048454.D  
Acq: 05 Nov 2024 12:11

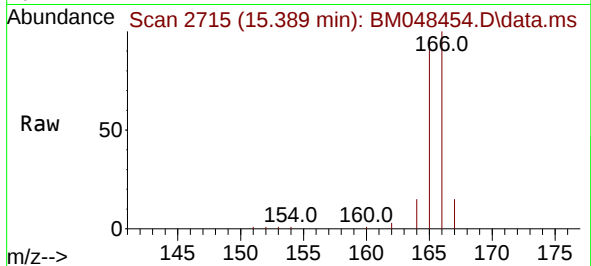
Tgt Ion:153 Resp: 115403  
Ion Ratio Lower Upper  
153 100  
152 49.4 40.7 61.1  
154 88.6 70.6 106.0





#12  
Fluorene  
Concen: 0.889 ng/ul  
RT: 15.389 min Scan# 2113  
Delta R.T. -0.043 min  
Lab File: BM048454.D  
Acq: 05 Nov 2024 12:11

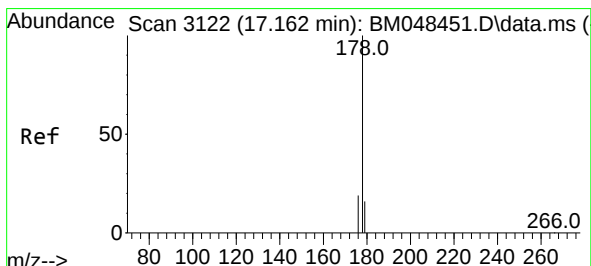
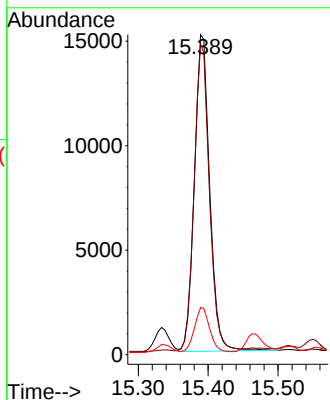
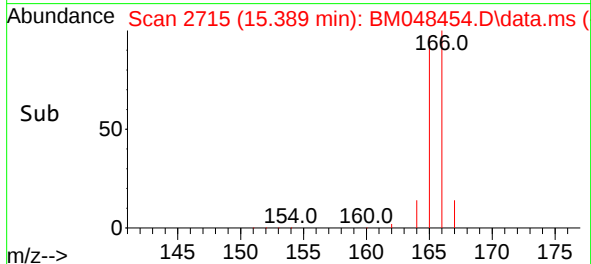
Instrument :  
BNA\_M  
ClientSampleId :  
C0AA0



Tgt Ion:166 Resp: 23078  
Ion Ratio Lower Upper  
166 100  
165 97.1 78.6 118.0  
167 14.7 12.1 18.1

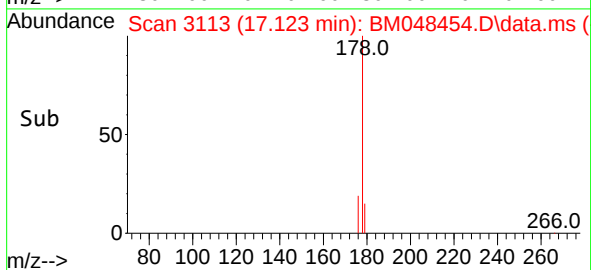
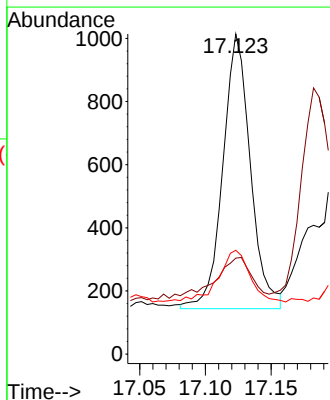
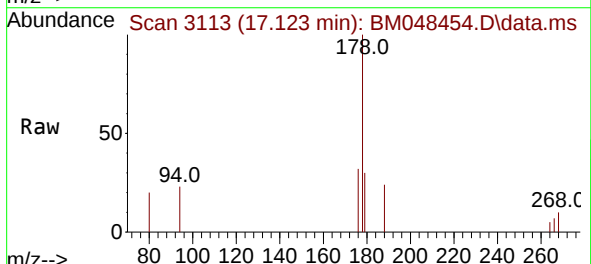
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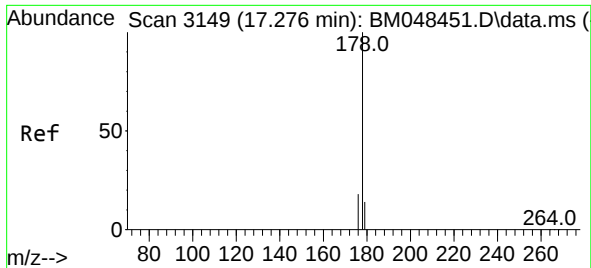
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Supervised By :mohammad ahmed 11/06/2024



#15  
Phenanthrene  
Concen: 0.032 ng/ul m  
RT: 17.123 min Scan# 3113  
Delta R.T. -0.035 min  
Lab File: BM048454.D  
Acq: 05 Nov 2024 12:11

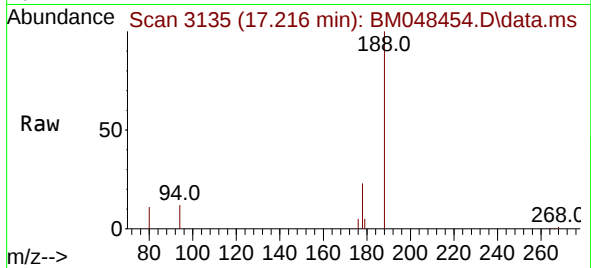
Tgt Ion:178 Resp: 1268  
Ion Ratio Lower Upper  
178 100  
179 30.0 13.9 20.9#  
176 32.4 16.0 24.0#





#16  
 Anthracene  
 Concen: 0.149 ng/ul m  
 RT: 17.216 min Scan# 31  
 Delta R.T. -0.043 min  
 Lab File: BM048454.D  
 Acq: 05 Nov 2024 12:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA0



Tgt Ion:178 Resp: 5569  
 Ion Ratio Lower Upper  
 178 100  
 179 20.4 14.2 21.2  
 176 23.3 15.8 23.6

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