

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083023\  
 Data File : BF135031.D  
 Acq On : 31 Aug 2023 05:33  
 Operator : CG\JU  
 Sample : 04147-04DL2 200X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04(21.5-23)DL2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023  
 Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 06:02:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 132667   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.051  | 136  | 506561   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.810  | 164  | 225968   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.304 | 188  | 325766   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.957 | 240  | 259945   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.427 | 264  | 250855   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 3220     | 0.375  | ng    | 0.00     |
| 7) Phenol-d6                | 6.404  | 99   | 4162     | 0.389  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 2252     | 0.250  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 656      | 0.274  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.128  | 172  | 4626     | 0.333  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.898 | 244  | 3509     | 0.220  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.075  | 128  | 1324283  | 53.517 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.763  | 142  | 122573   | 7.424  | ng    | 96       |
| 38) 1-Methylnaphthalene     | 8.863  | 142  | 97700    | 6.324  | ng    | 98       |
| 46) 1,1'-Biphenyl           | 9.228  | 154  | 56485    | 3.272  | ng    | 99       |
| 49) Acenaphthylene          | 9.669  | 152  | 204497   | 10.420 | ng    | 98       |
| 52) Acenaphthene            | 9.839  | 154  | 37291    | 2.982  | ng    | 99       |
| 55) Dibenzofuran            | 10.016 | 168  | 137157   | 7.602  | ng    | 98       |
| 58) Fluorene                | 10.357 | 166  | 106378   | 7.734  | ng    | 99       |
| 71) Phenanthrene            | 11.327 | 178  | 596935   | 35.518 | ng    | 98       |
| 72) Anthracene              | 11.374 | 178  | 318145   | 18.528 | ng    | 98       |
| 73) Carbazole               | 11.533 | 167  | 41795    | 2.822  | ng    | 99       |
| 75) Fluoranthene            | 12.521 | 202  | 419932   | 24.713 | ng    | 98       |
| 78) Pyrene                  | 12.751 | 202  | 370637   | 15.017 | ng    | 100      |
| 81) Benzo(a)anthracene      | 13.945 | 228  | 146158m  | 8.243  | ng    |          |
| 83) Chrysene                | 13.980 | 228  | 201278   | 11.550 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.898 | 276  | 49861    | 2.951  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 14.998 | 252  | 141177m  | 9.045  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.021 | 252  | 46428m   | 3.079  | ng    |          |
| 90) Benzo(a)pyrene          | 15.362 | 252  | 103228   | 7.119  | ng    | 96       |
| 92) Benzo(g,h,i)perylene    | 17.345 | 276  | 45708    | 3.211  | ng    | 95       |
| -----                       |        |      |          |        |       |          |

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

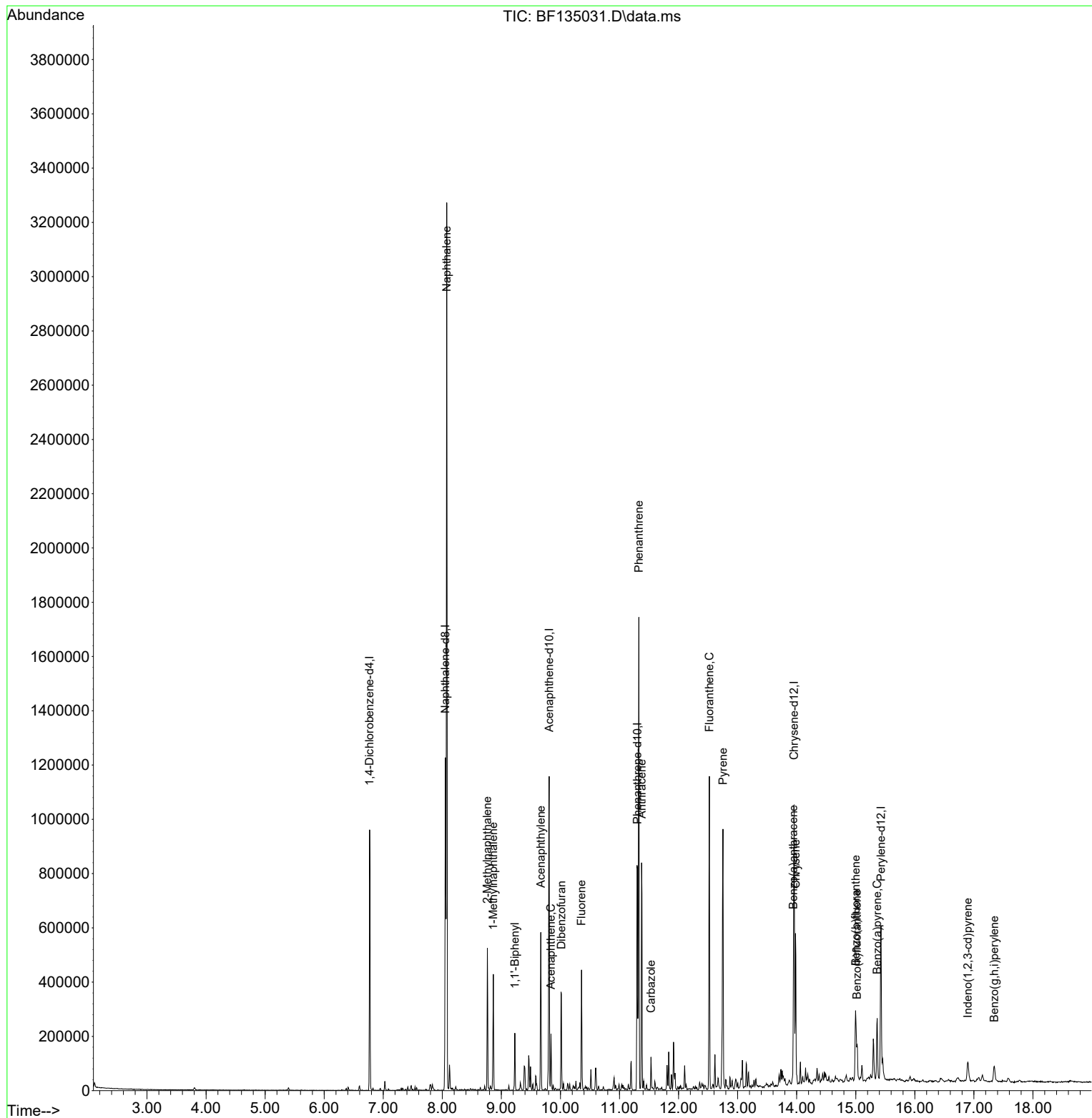
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083023\  
Data File : BF135031.D  
Acq On : 31 Aug 2023 05:33  
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Sample : 04147-04DL2 200X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

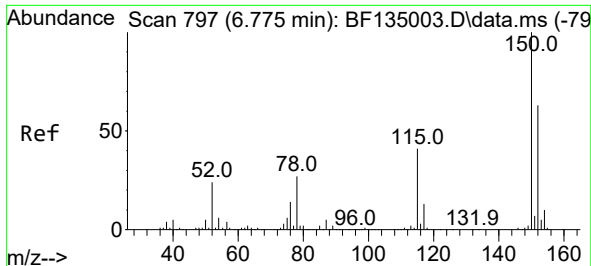
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2

Quant Time: Aug 31 06:02:45 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 03:48:08 2023  
Response via : Initial Calibration

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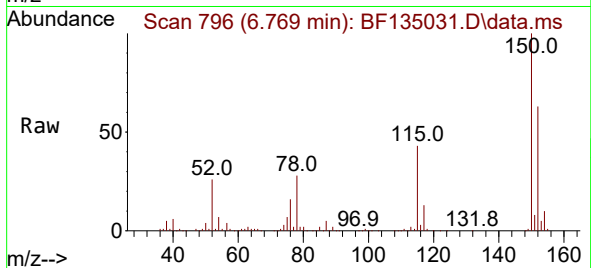
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

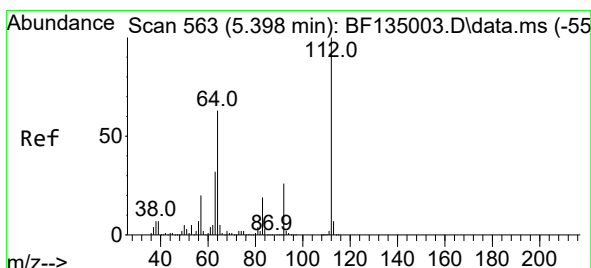
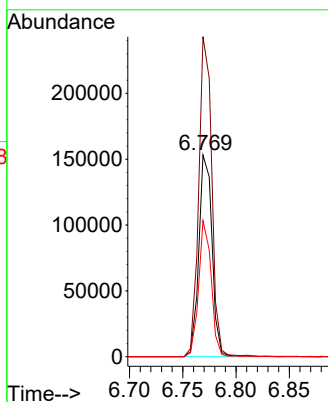
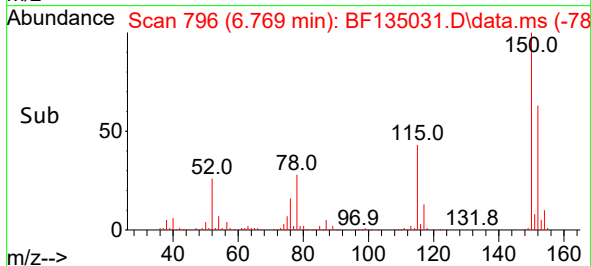
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion:152 Resp: 13266  
Ion Ratio Lower Upper  
152 100  
150 158.7 126.2 189.4  
115 67.5 51.2 76.8

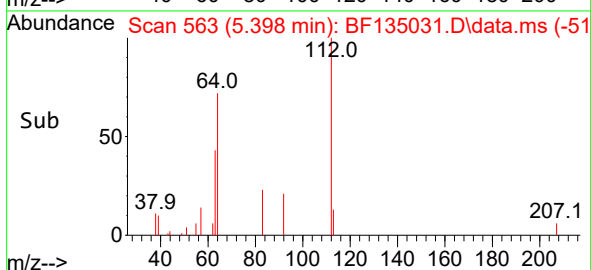
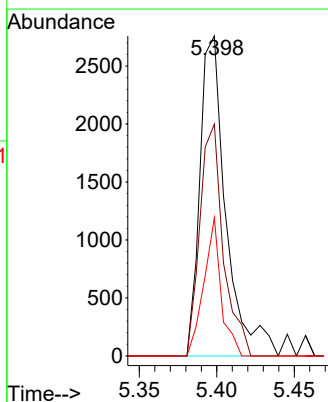
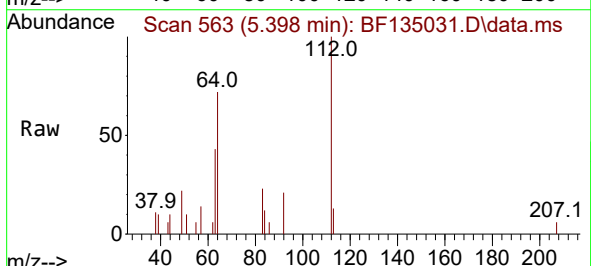
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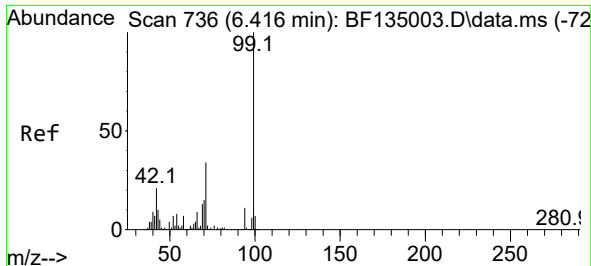
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#5  
2-Fluorophenol  
Concen: 0.375 ng  
RT: 5.398 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

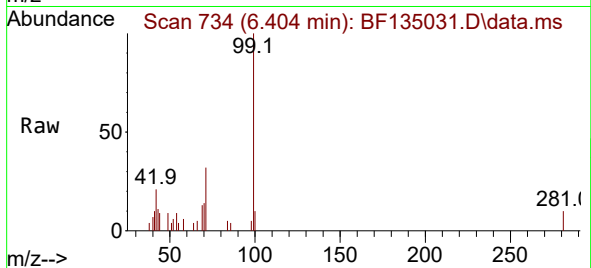
Tgt Ion:112 Resp: 3220  
Ion Ratio Lower Upper  
112 100  
64 72.5 50.5 75.7  
63 43.2 25.9 38.9#





#7  
Phenol-d6  
Concen: 0.389 ng  
RT: 6.404 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

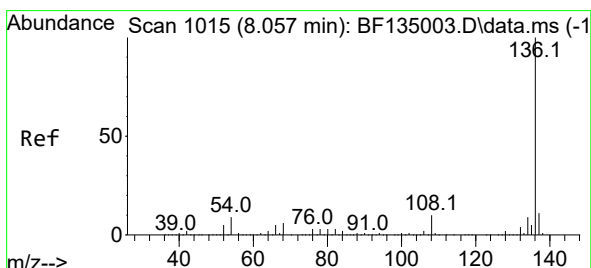
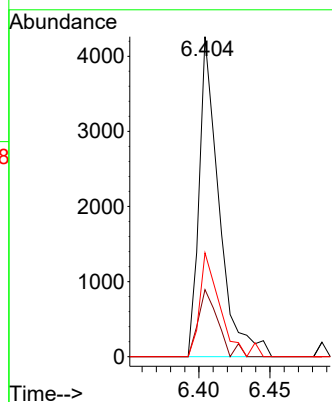
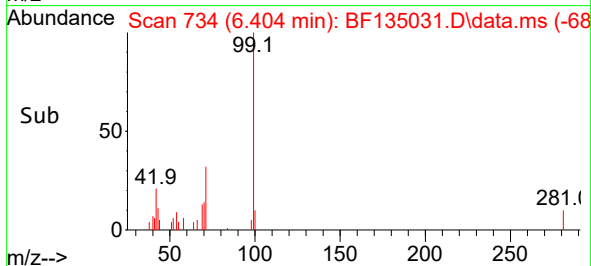
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion: 99 Resp: 416  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.6 25.0  
71 32.5 27.0 40.6

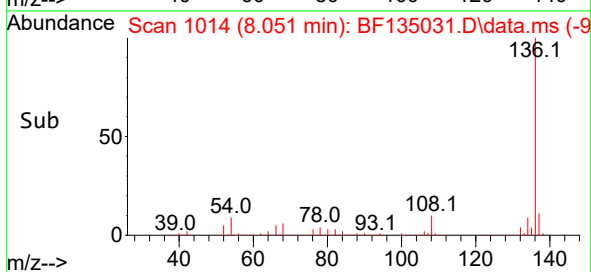
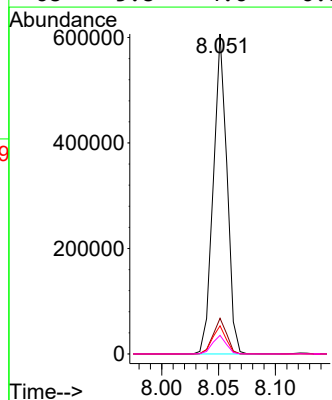
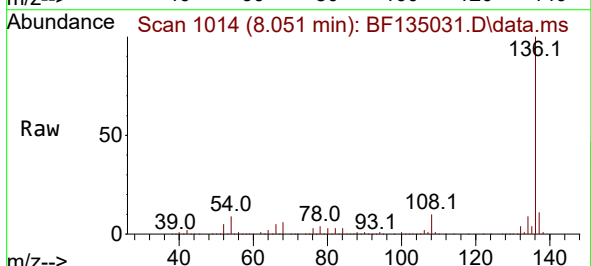
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Supervised By :mohammad ahmed 08/31/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

Tgt Ion:136 Resp: 506561  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 8.8 7.0 10.4  
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 0.250 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF135031.D

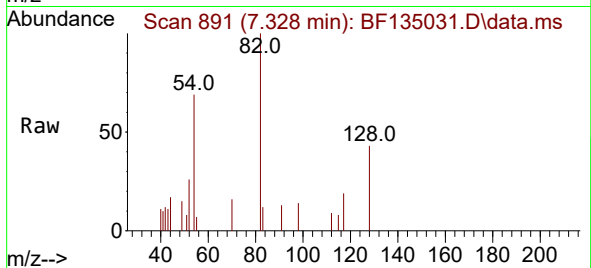
Acq: 31 Aug 2023 05:33

Instrument :

BNA\_F

ClientSampleId :

SB-04(21.5-23)DL2



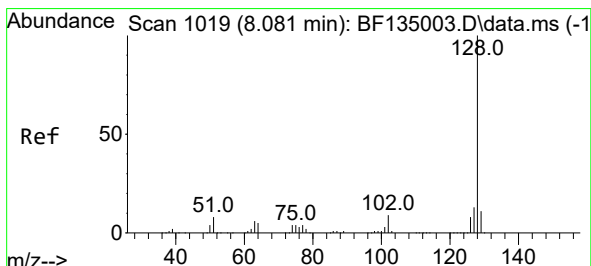
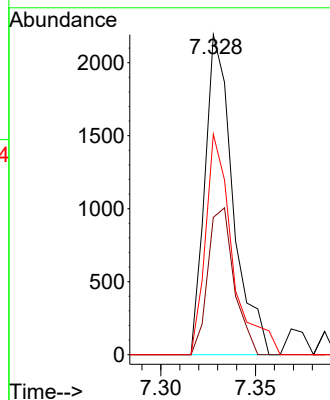
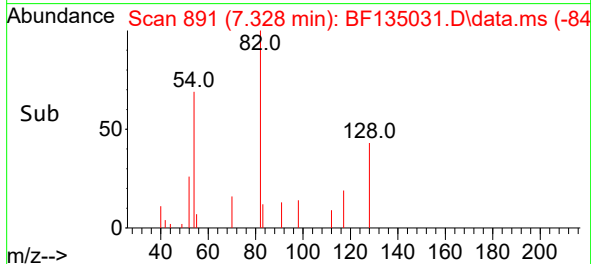
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 225  |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.9  | 37.8  | 56.8 |
| 54        | 68.9  | 45.0  | 67.6 |

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#31

Naphthalene

Concen: 53.517 ng

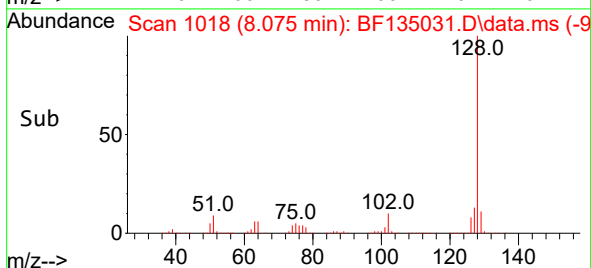
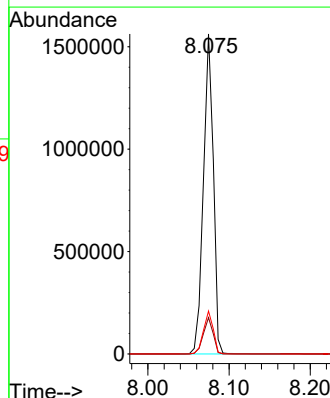
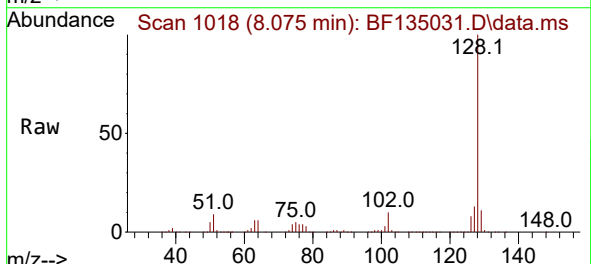
RT: 8.075 min Scan# 1018

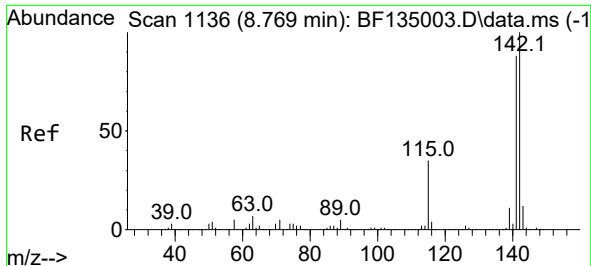
Delta R.T. -0.006 min

Lab File: BF135031.D

Acq: 31 Aug 2023 05:33

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 128   | Resp: | 1324283 |
| Ion Ratio | Lower | Upper |         |
| 128       | 100   |       |         |
| 129       | 11.4  | 8.6   | 13.0    |
| 127       | 13.4  | 10.6  | 16.0    |





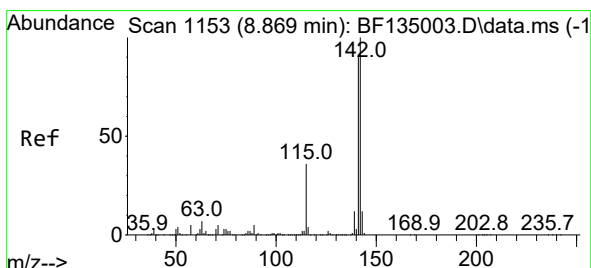
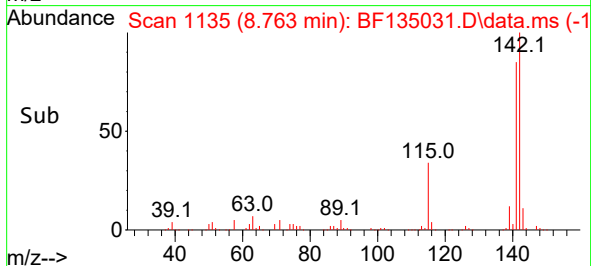
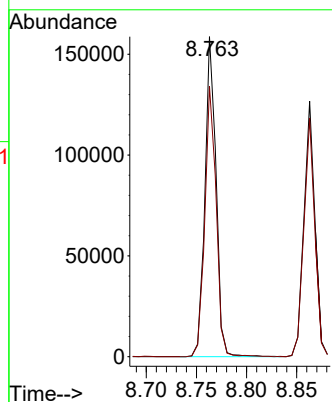
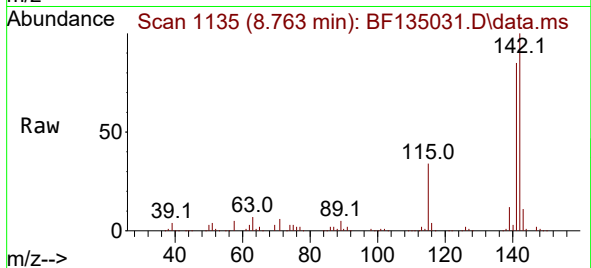
#37  
2-Methylnaphthalene  
Concen: 7.424 ng  
RT: 8.763 min Scan# 1135  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2

Tgt Ion:142 Resp: 12257  
Ion Ratio Lower Upper  
142 100  
141 84.6 70.7 106.1

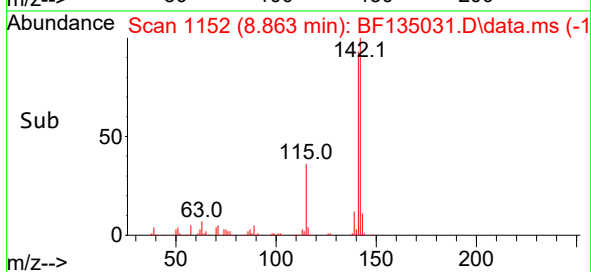
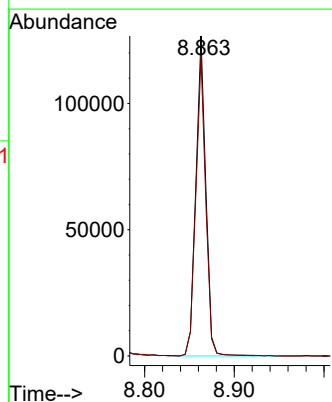
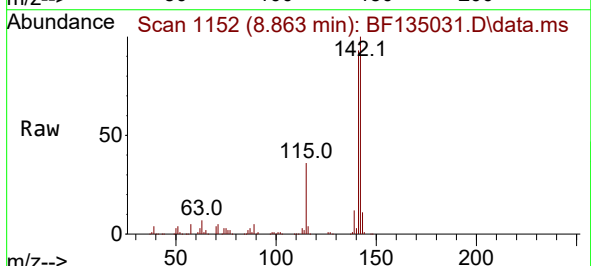
Manual Integrations  
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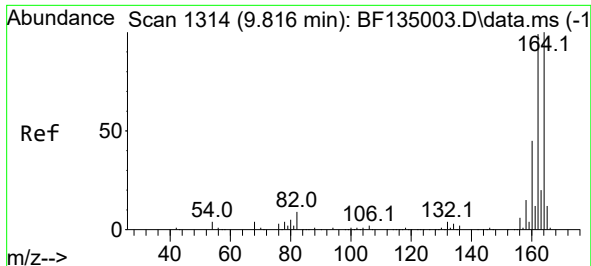
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#38  
1-Methylnaphthalene  
Concen: 6.324 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

Tgt Ion:142 Resp: 97700  
Ion Ratio Lower Upper  
142 100  
141 93.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF135031.D

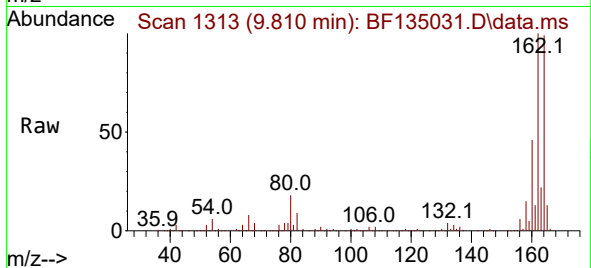
Acq: 31 Aug 2023 05:33

Instrument :

BNA\_F

ClientSampleId :

SB-04(21.5-23)DL2



Tgt Ion:164 Resp: 22596

Ion Ratio Lower Upper

164 100

162 100.5 79.5 119.3

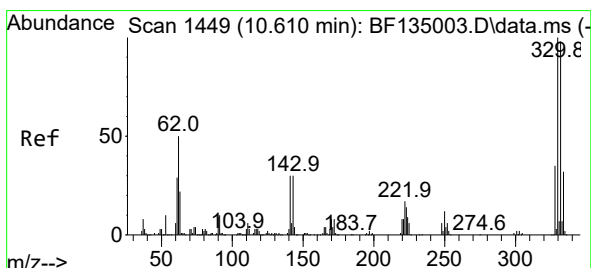
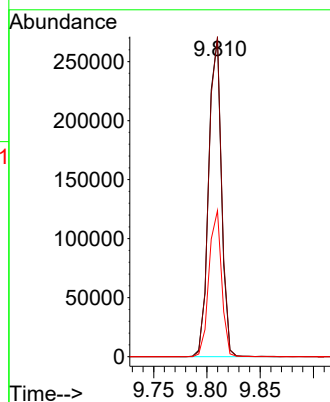
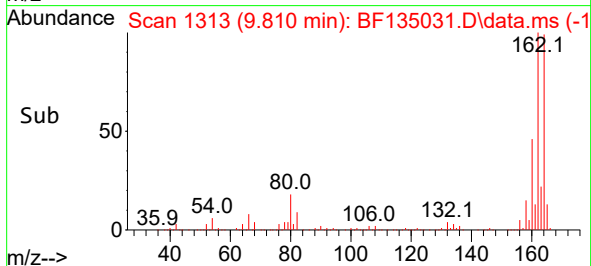
160 45.9 36.0 54.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#42

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135031.D

Acq: 31 Aug 2023 05:33

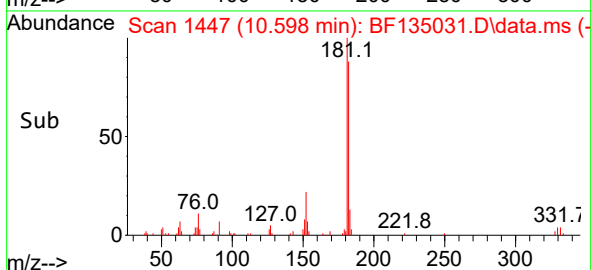
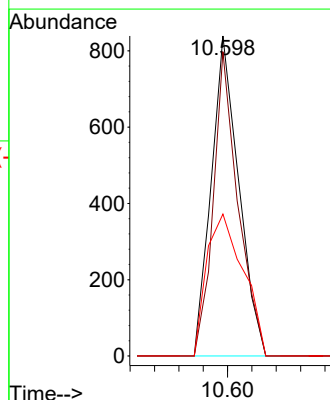
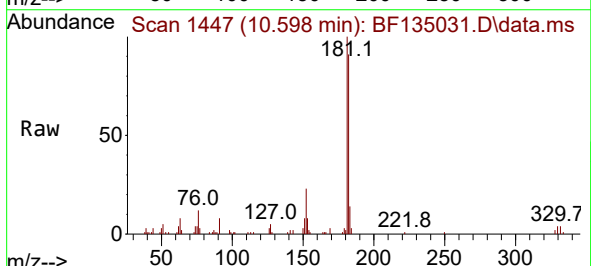
Tgt Ion:330 Resp: 656

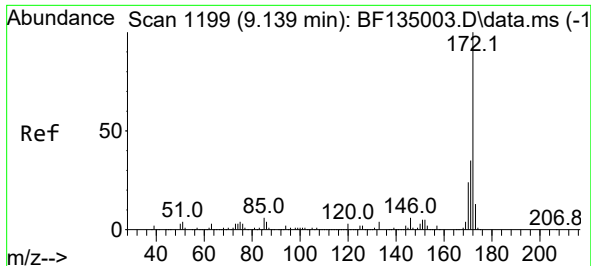
Ion Ratio Lower Upper

330 100

332 85.5 77.6 116.4

141 59.1 26.3 39.5#





#45

2-Fluorobiphenyl

Concen: 0.333 ng

RT: 9.128 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF135031.D

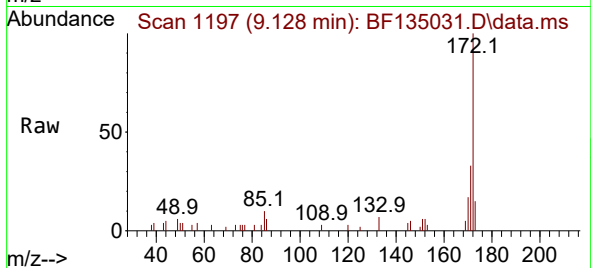
Acq: 31 Aug 2023 05:33

Instrument :

BNA\_F

ClientSampleId :

SB-04(21.5-23)DL2



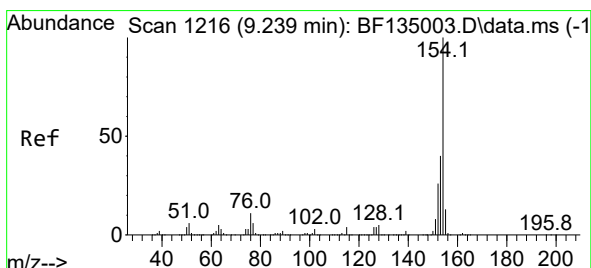
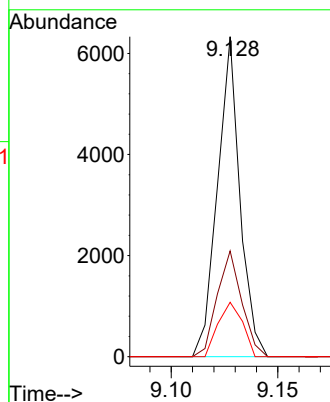
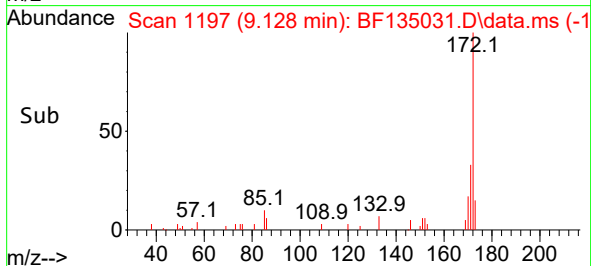
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 4620      |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 33.0  | 28.2 42.2 |
| 170         | 17.0  | 19.0 28.4 |

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023



#46

1,1'-Biphenyl

Concen: 3.272 ng

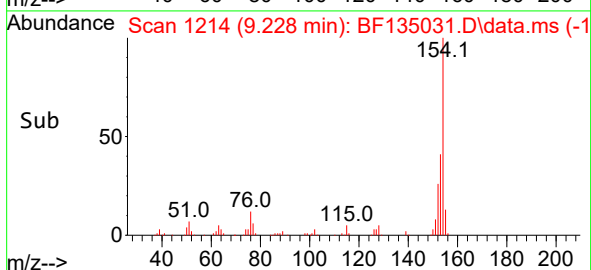
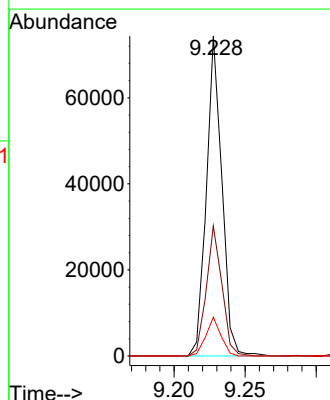
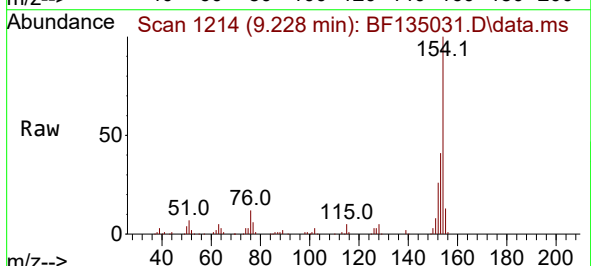
RT: 9.228 min Scan# 1214

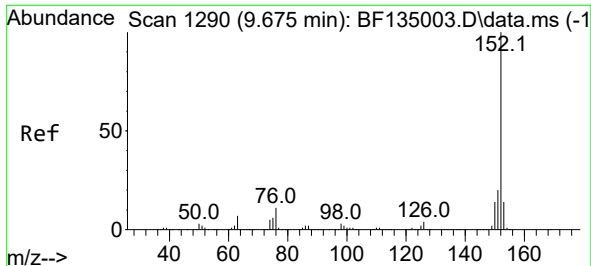
Delta R.T. -0.012 min

Lab File: BF135031.D

Acq: 31 Aug 2023 05:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 56485     |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 40.7  | 20.2 60.2 |
| 76          | 12.1  | 0.0 31.2  |





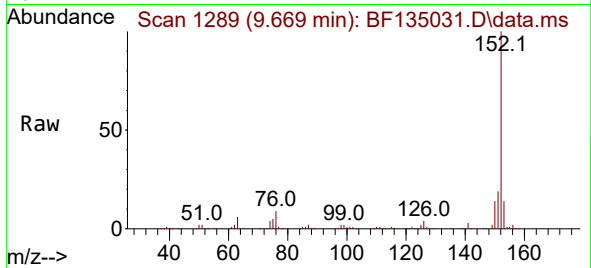
#49  
Acenaphthylene  
Concen: 10.420 ng  
RT: 9.669 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

Instrument :

BNA\_F

ClientSampleId :

SB-04(21.5-23)DL2

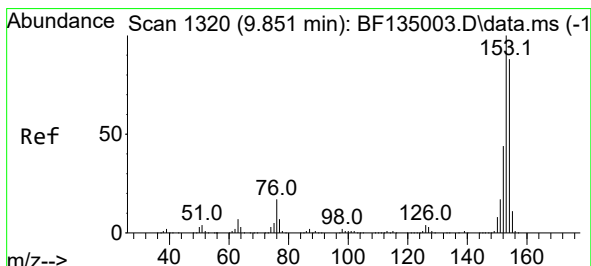
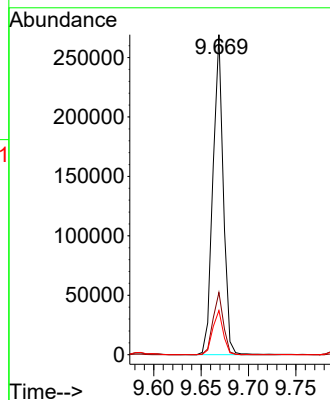
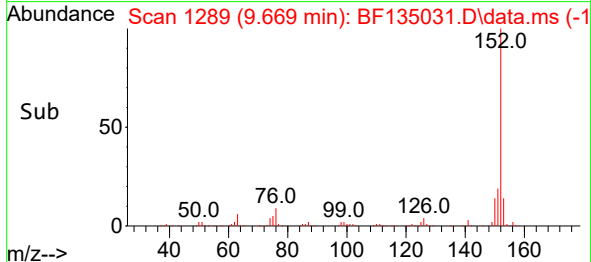


Tgt Ion:152 Resp: 20449  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.4  
153 13.8 11.4 17.0

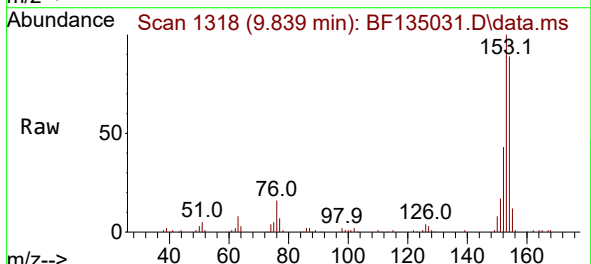
Manual Integrations

APPROVED

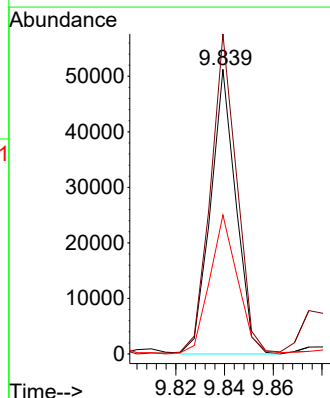
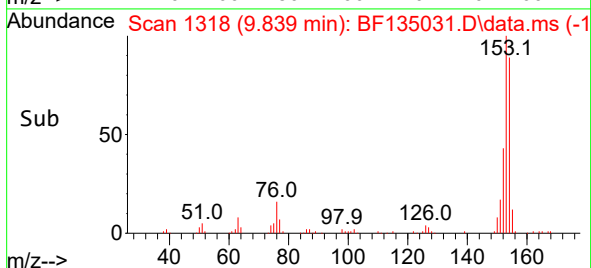
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023

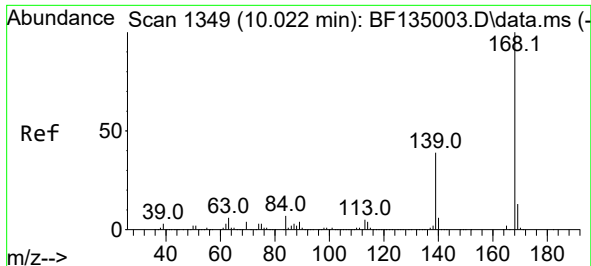


#52  
Acenaphthene  
Concen: 2.982 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.012 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33



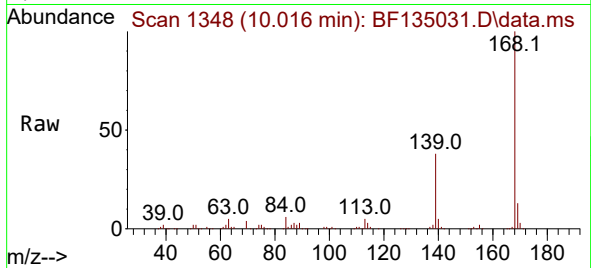
Tgt Ion:154 Resp: 37291  
Ion Ratio Lower Upper  
154 100  
153 112.4 90.8 136.2  
152 48.9 40.2 60.4





#55  
Dibenzenofuran  
Concen: 7.602 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

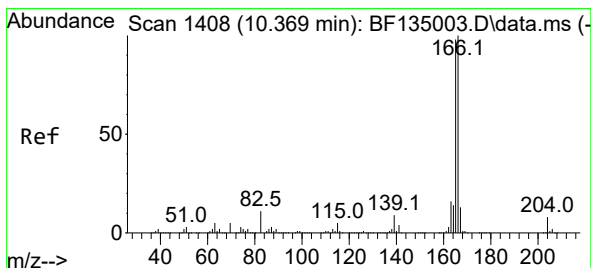
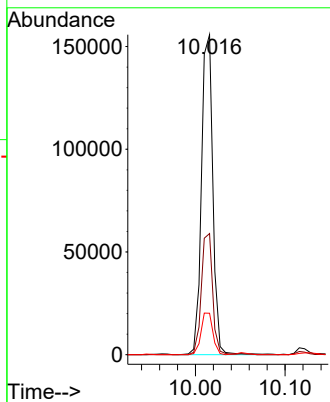
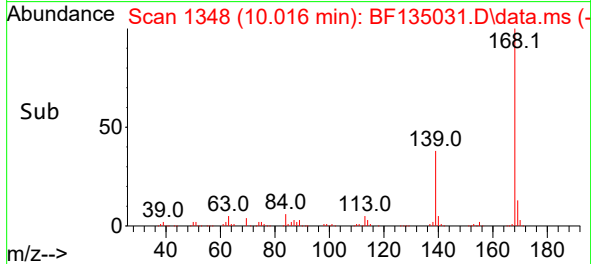
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



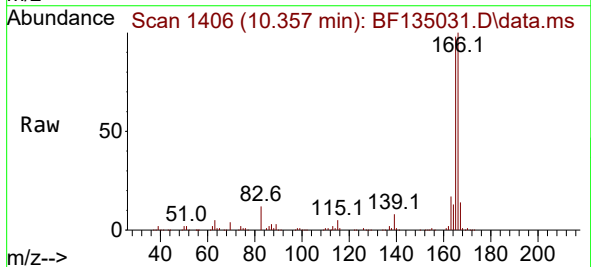
Tgt Ion:168 Resp: 13715  
Ion Ratio Lower Upper  
168 100  
139 37.9 31.5 47.3  
169 13.0 10.7 16.1

Manual Integrations  
APPROVED

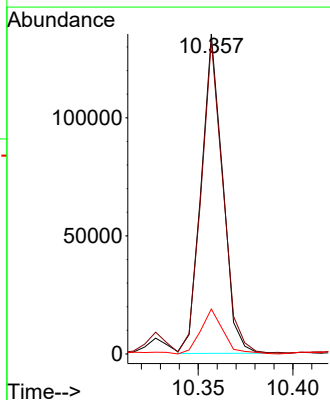
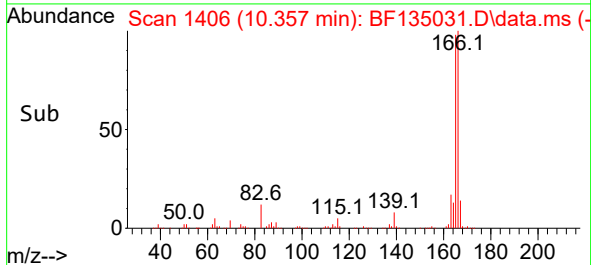
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023

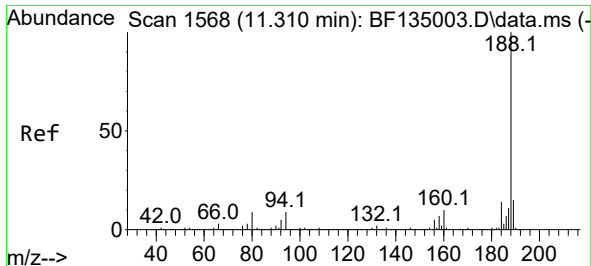


#58  
Fluorene  
Concen: 7.734 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. -0.012 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33



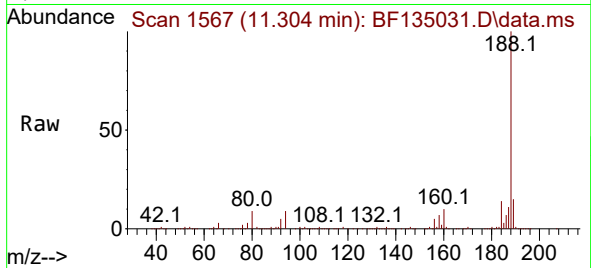
Tgt Ion:166 Resp: 106378  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.0 117.0  
167 14.1 10.8 16.2





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

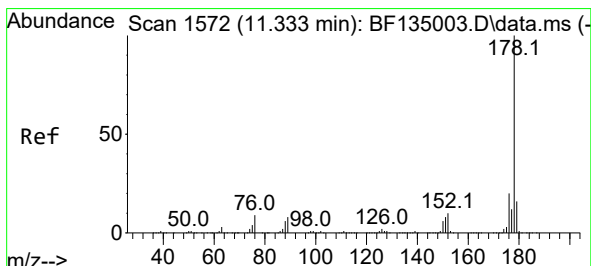
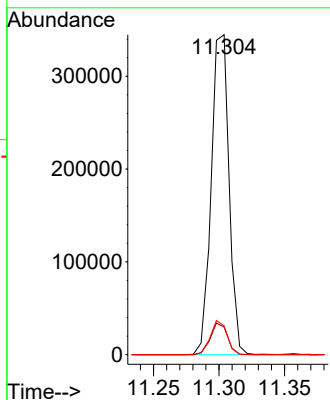
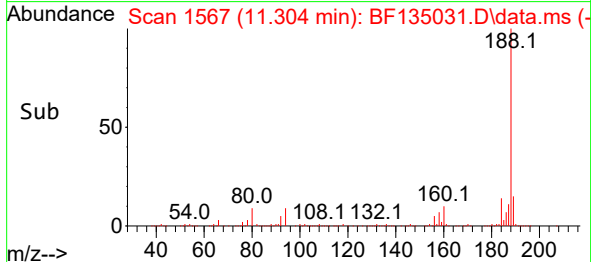
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion:188 Resp: 325760  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.0 10.4  
80 9.0 7.4 11.2

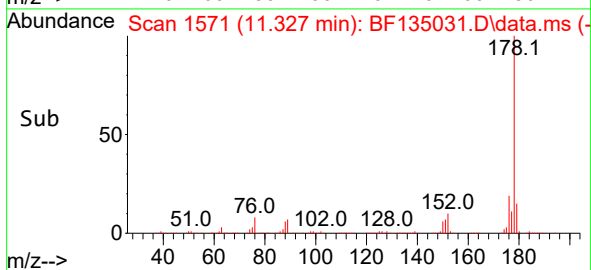
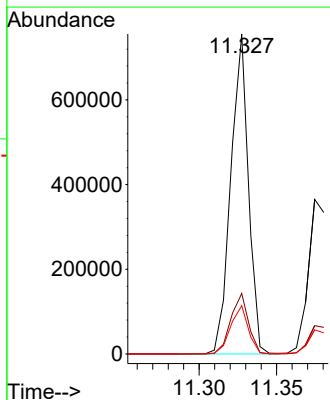
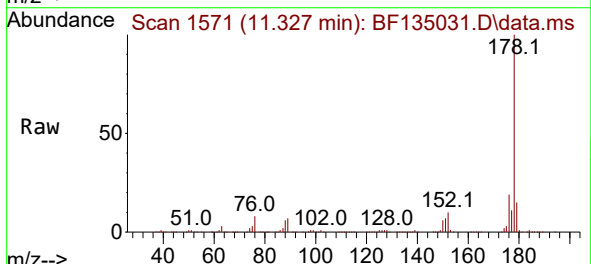
Manual Integrations  
APPROVED

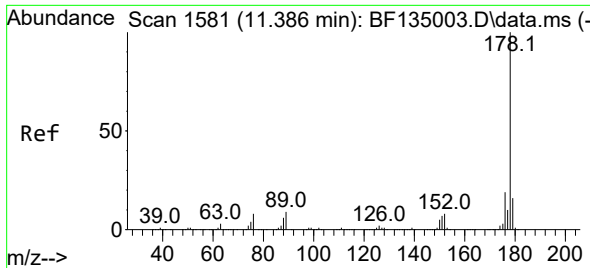
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#71  
Phenanthrene  
Concen: 35.518 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

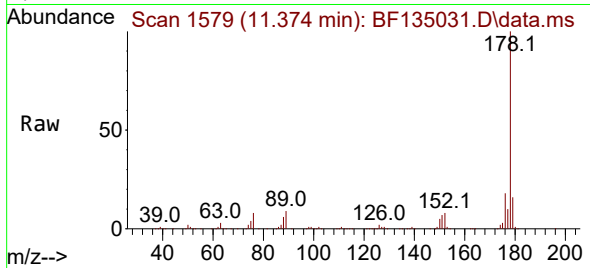
Tgt Ion:178 Resp: 596935  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.9 23.9  
179 15.1 12.5 18.7





#72  
 Anthracene  
 Concen: 18.528 ng  
 RT: 11.374 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF135031.D  
 Acq: 31 Aug 2023 05:33

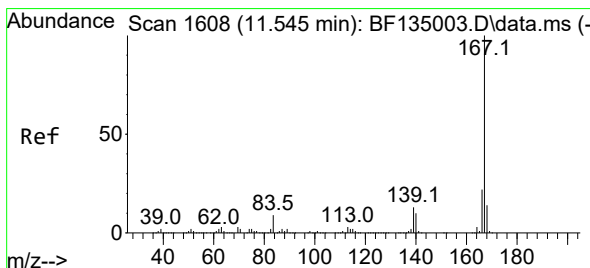
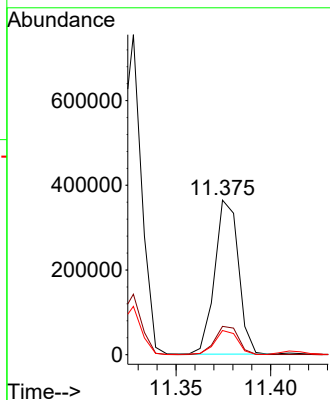
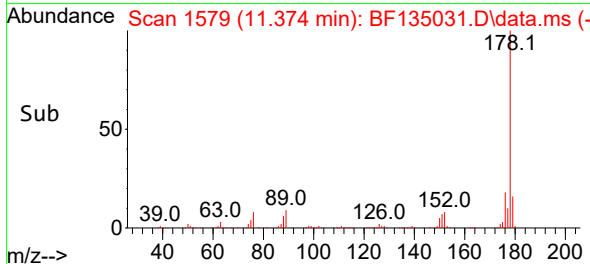
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04(21.5-23)DL2



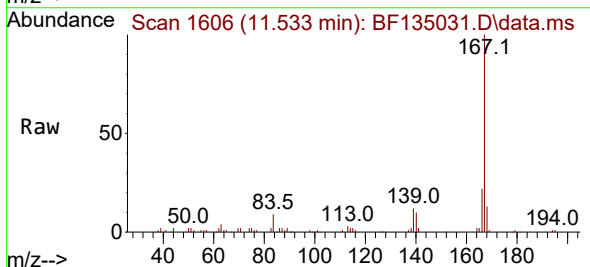
Tgt Ion:178 Resp: 31814  
 Ion Ratio Lower Upper  
 178 100  
 176 18.3 15.4 23.2  
 179 15.6 12.8 19.2

Manual Integrations  
 APPROVED

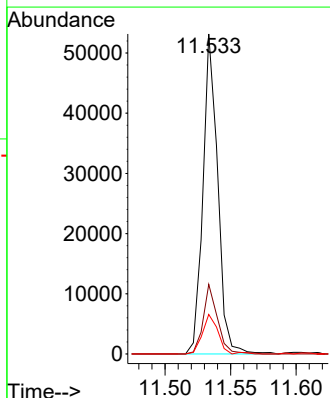
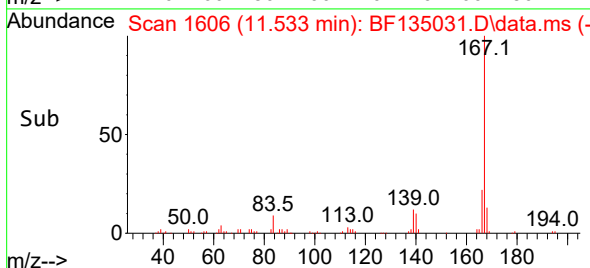
Reviewed By :Yogesh Patel 08/31/2023  
 Supervised By :mohammad ahmed 08/31/2023

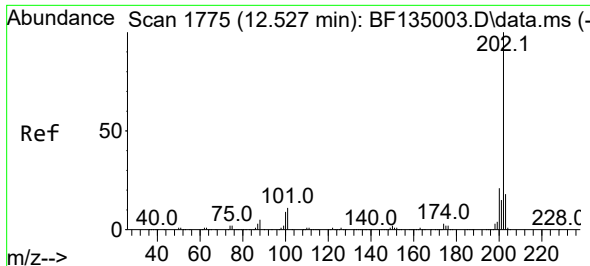


#73  
 Carbazole  
 Concen: 2.822 ng  
 RT: 11.533 min Scan# 1606  
 Delta R.T. -0.012 min  
 Lab File: BF135031.D  
 Acq: 31 Aug 2023 05:33



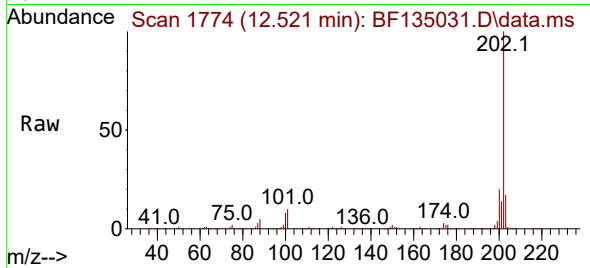
Tgt Ion:167 Resp: 41795  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 12.4 10.3 15.5





#75  
Fluoranthene  
Concen: 24.713 ng  
RT: 12.521 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

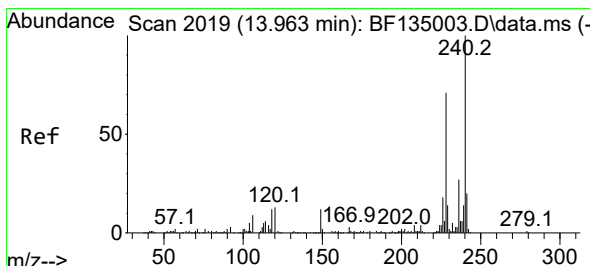
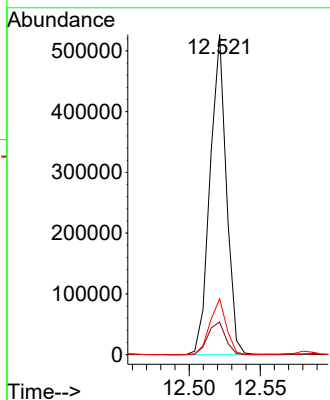
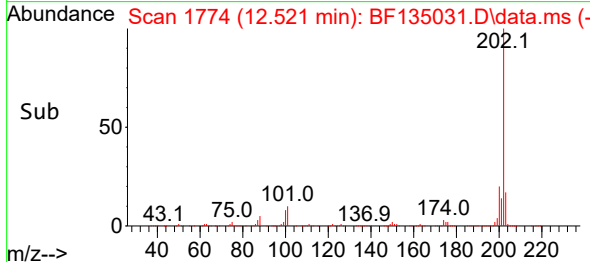
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion:202 Resp: 41993  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 31.5  
203 17.5 0.0 37.8

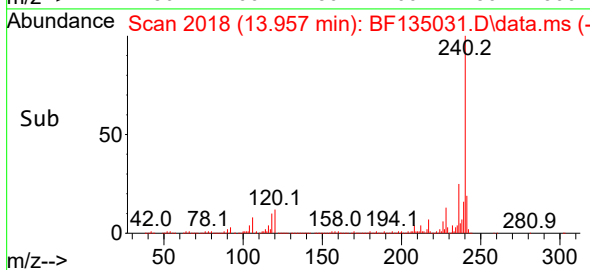
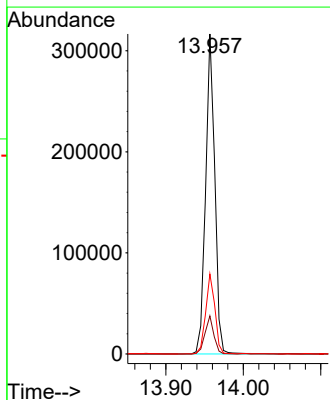
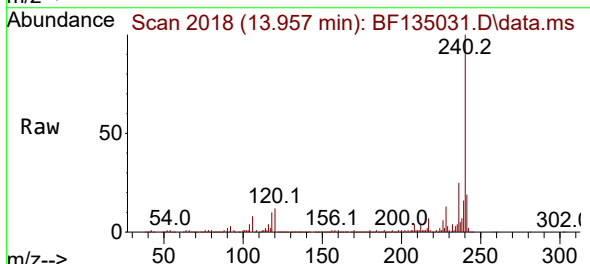
Manual Integrations  
APPROVED

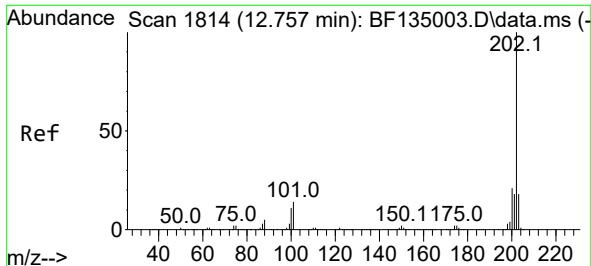
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

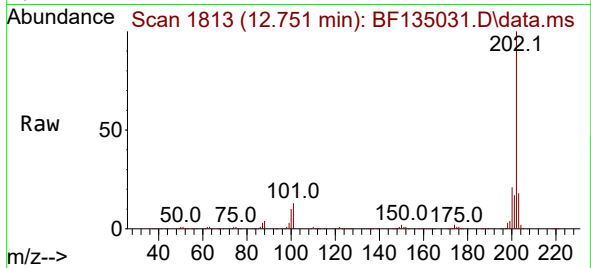
Tgt Ion:240 Resp: 259945  
Ion Ratio Lower Upper  
240 100  
120 11.9 10.2 15.2  
236 25.0 21.3 31.9





#78  
Pyrene  
Concen: 15.017 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

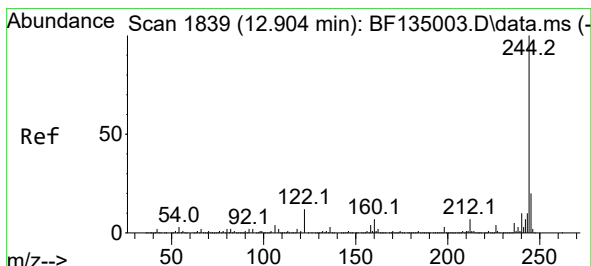
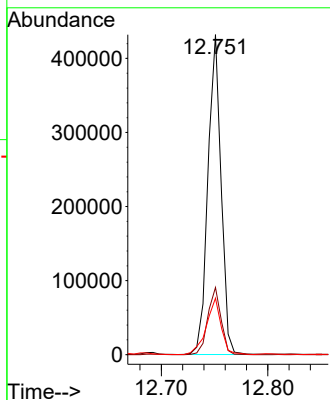
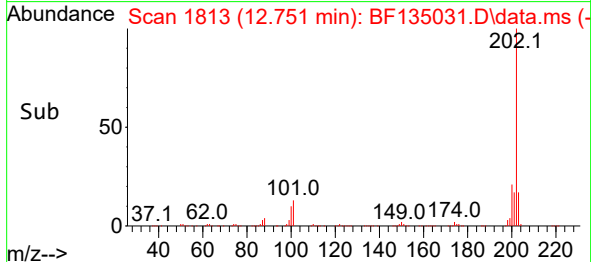
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



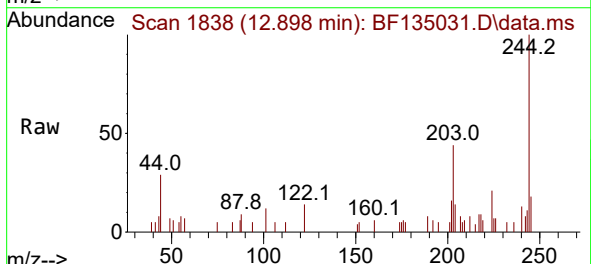
Tgt Ion:202 Resp: 37063  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.6  
203 17.7 14.2 21.2

Manual Integrations  
APPROVED

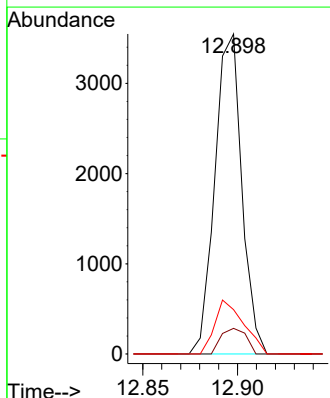
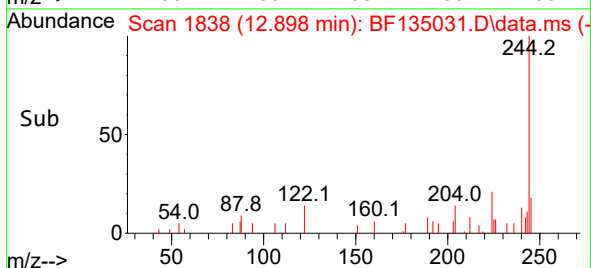
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023

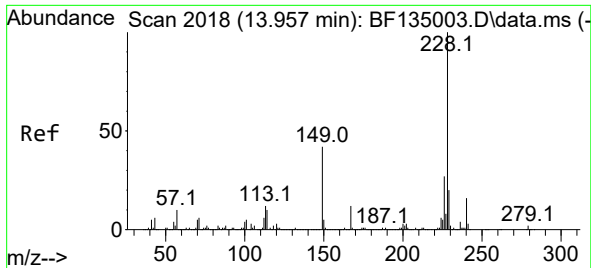


#79  
Terphenyl-d14  
Concen: 0.220 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33



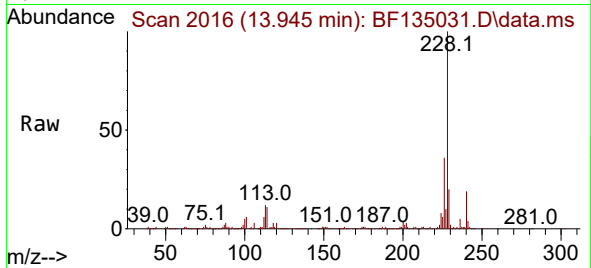
Tgt Ion:244 Resp: 3509  
Ion Ratio Lower Upper  
244 100  
212 8.0 5.6 8.4  
122 13.8 9.8 14.6





#81  
Benzo(a)anthracene  
Concen: 8.243 ng m  
RT: 13.945 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

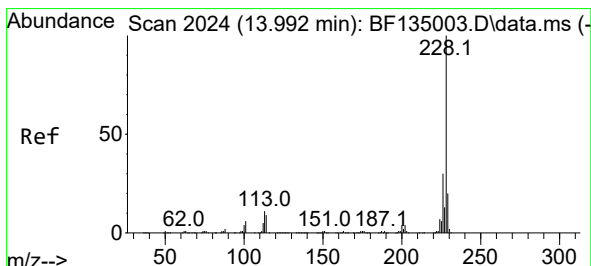
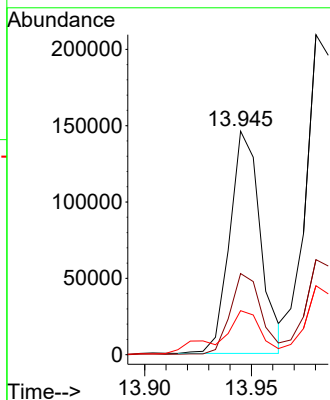
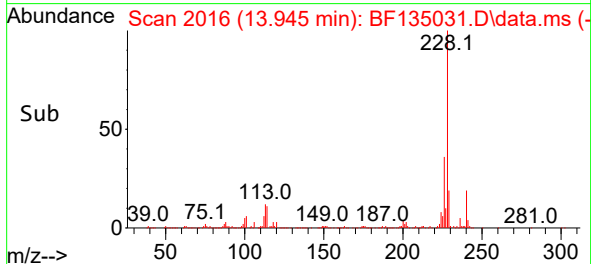
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion:228 Resp: 146158  
Ion Ratio Lower Upper  
228 100  
226 36.3 21.6 32.4  
229 19.7 15.6 23.4

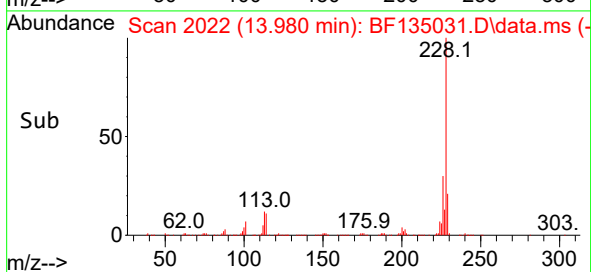
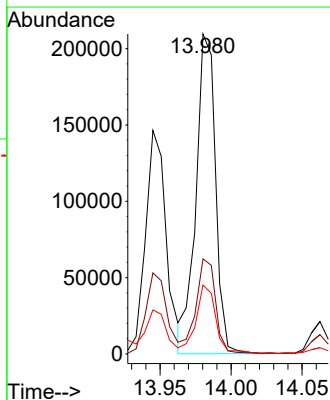
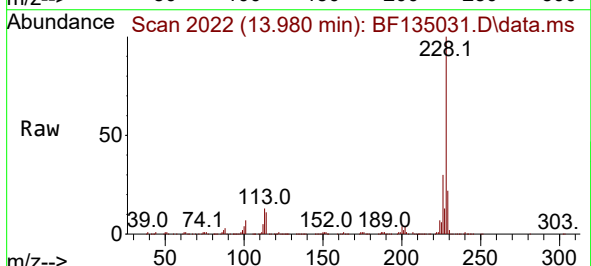
Manual Integrations  
APPROVED

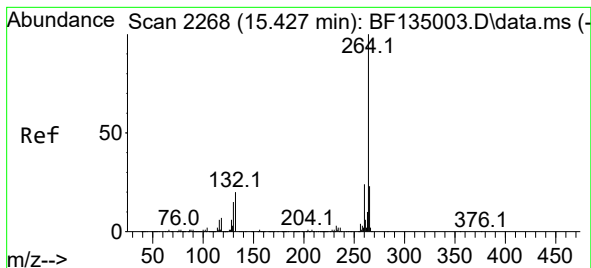
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#83  
Chrysene  
Concen: 11.550 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.012 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

Tgt Ion:228 Resp: 201278  
Ion Ratio Lower Upper  
228 100  
226 29.7 24.2 36.4  
229 21.6 15.9 23.9





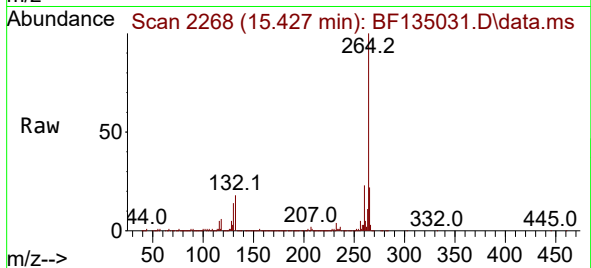
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.427 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF135031.D  
 Acq: 31 Aug 2023 05:33

Instrument :

BNA\_F

ClientSampleId :

SB-04(21.5-23)DL2

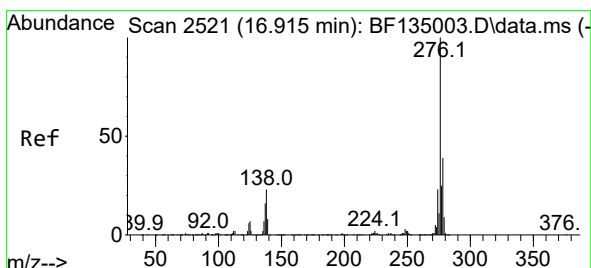
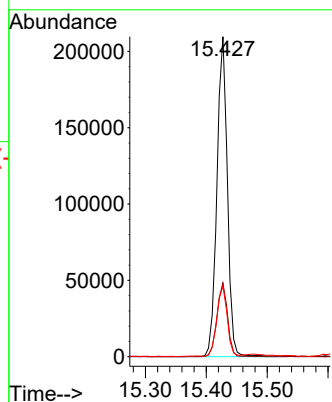
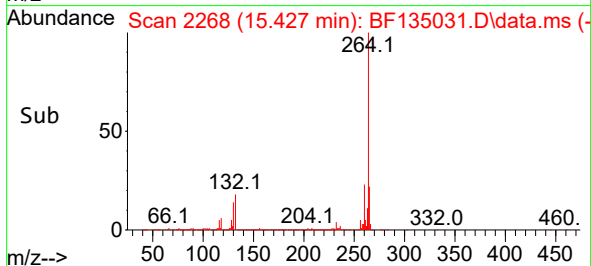


Tgt Ion:264 Resp: 25085  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.0 28.6  
 265 22.0 18.2 27.2

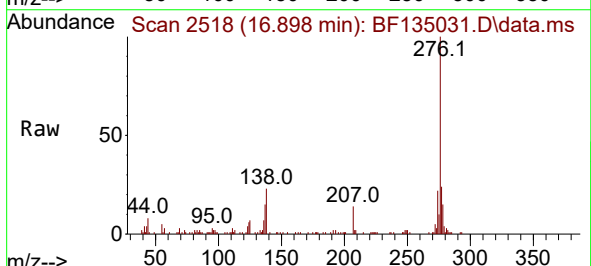
Manual Integrations

APPROVED

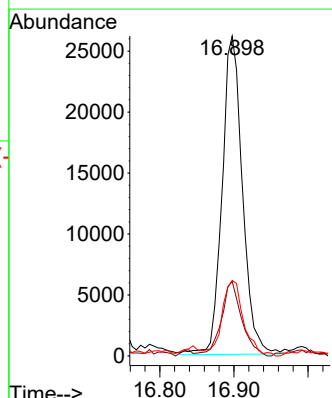
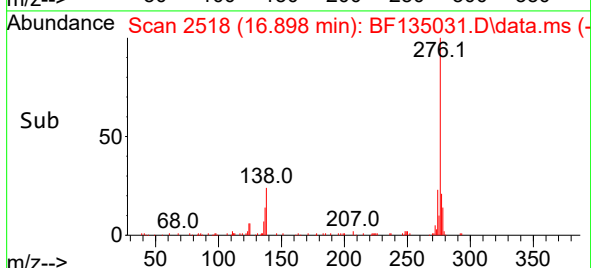
Reviewed By :Yogesh Patel 08/31/2023  
 Supervised By :mohammad ahmed 08/31/2023

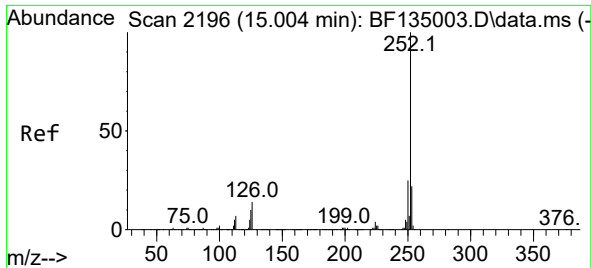


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.951 ng  
 RT: 16.898 min Scan# 2518  
 Delta R.T. -0.018 min  
 Lab File: BF135031.D  
 Acq: 31 Aug 2023 05:33



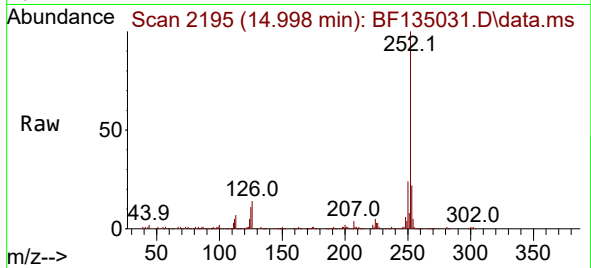
Tgt Ion:276 Resp: 49861  
 Ion Ratio Lower Upper  
 276 100  
 138 23.4 20.2 30.2  
 277 25.3 20.4 30.6





#88  
Benzo(b)fluoranthene  
Concen: 9.045 ng m  
RT: 14.998 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

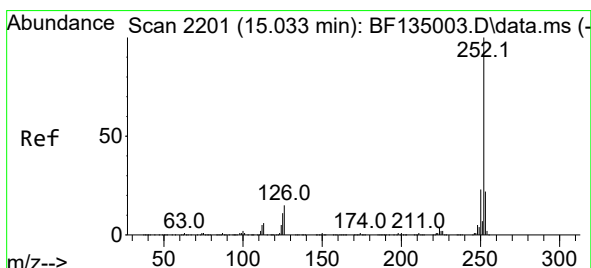
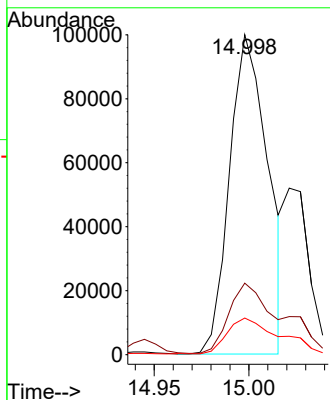
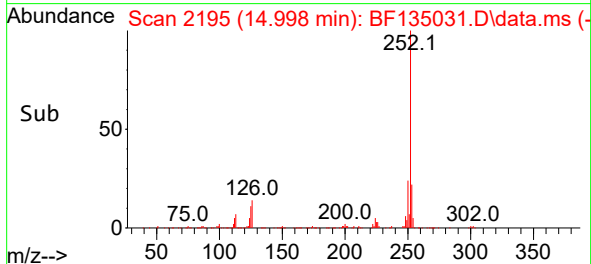
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion:252 Resp: 14117  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 11.4 8.4 12.6

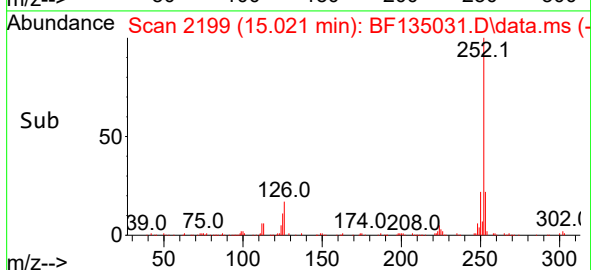
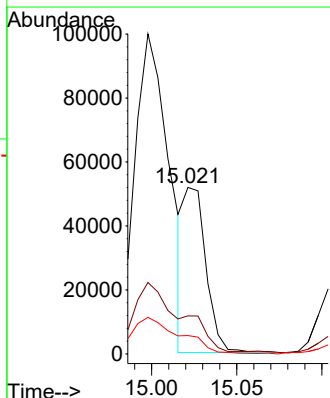
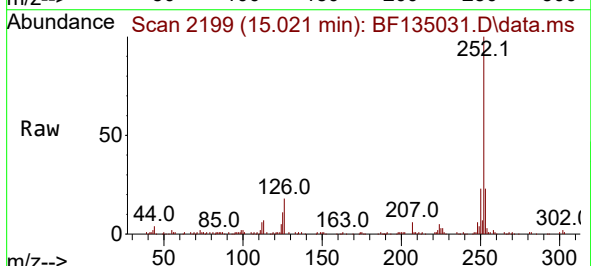
Manual Integrations  
APPROVED

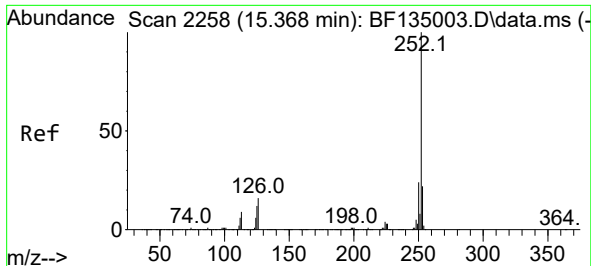
Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#89  
Benzo(k)fluoranthene  
Concen: 3.079 ng m  
RT: 15.021 min Scan# 2199  
Delta R.T. -0.012 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

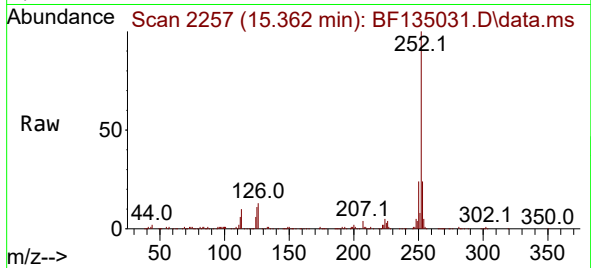
Tgt Ion:252 Resp: 46428  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.4 26.0  
125 11.1 8.5 12.7





#90  
Benzo(a)pyrene  
Concen: 7.119 ng  
RT: 15.362 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

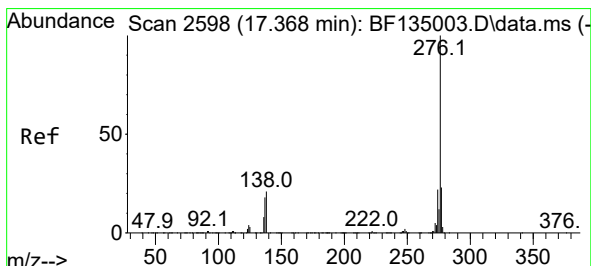
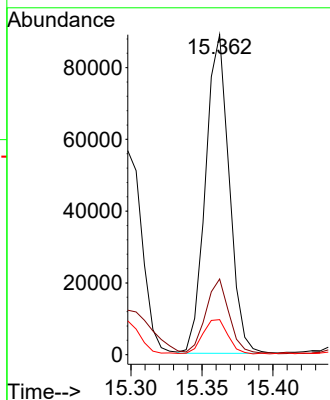
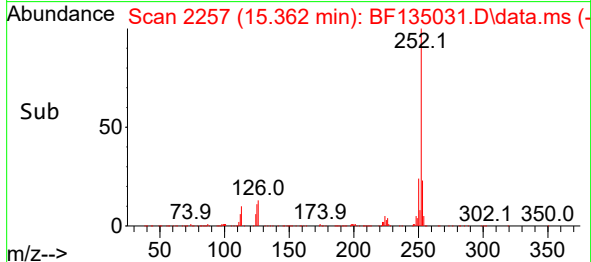
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04(21.5-23)DL2



Tgt Ion:252 Resp: 103228  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.4 26.0  
125 11.0 9.5 14.3

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/31/2023  
Supervised By :mohammad ahmed 08/31/2023



#92  
Benzo(g,h,i)perylene  
Concen: 3.211 ng  
RT: 17.345 min Scan# 2594  
Delta R.T. -0.024 min  
Lab File: BF135031.D  
Acq: 31 Aug 2023 05:33

Tgt Ion:276 Resp: 45708  
Ion Ratio Lower Upper  
276 100  
277 25.3 18.5 27.7  
138 24.2 17.1 25.7

