

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
 Data File : BM044145.D  
 Acq On : 16 Feb 2024 19:24  
 Operator : MA/JU  
 Sample : P1352-01  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FN1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024  
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:40:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.901  | 152  | 10166    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 33920    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.543 | 164  | 17801    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.296 | 188  | 35067m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 18710m   | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.888 | 264  | 21738    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.357  | 96   | 63233    | 4.392 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 13806    | 0.291 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212  | 24549    | 0.440 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.749 | 128  | 3263     | 0.032 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.365 | 142  | 5150     | 0.083 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.585 | 142  | 2635     | 0.042 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.942 | 266  | 374      | 0.030 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.334 | 178  | 2327m    | 0.021 | ng/ul  |          |
| 19) Fluoranthene            | 19.359 | 202  | 1763     | 0.021 | ng/ul# | 66       |
| -----                       |        |      |          |       |        |          |

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

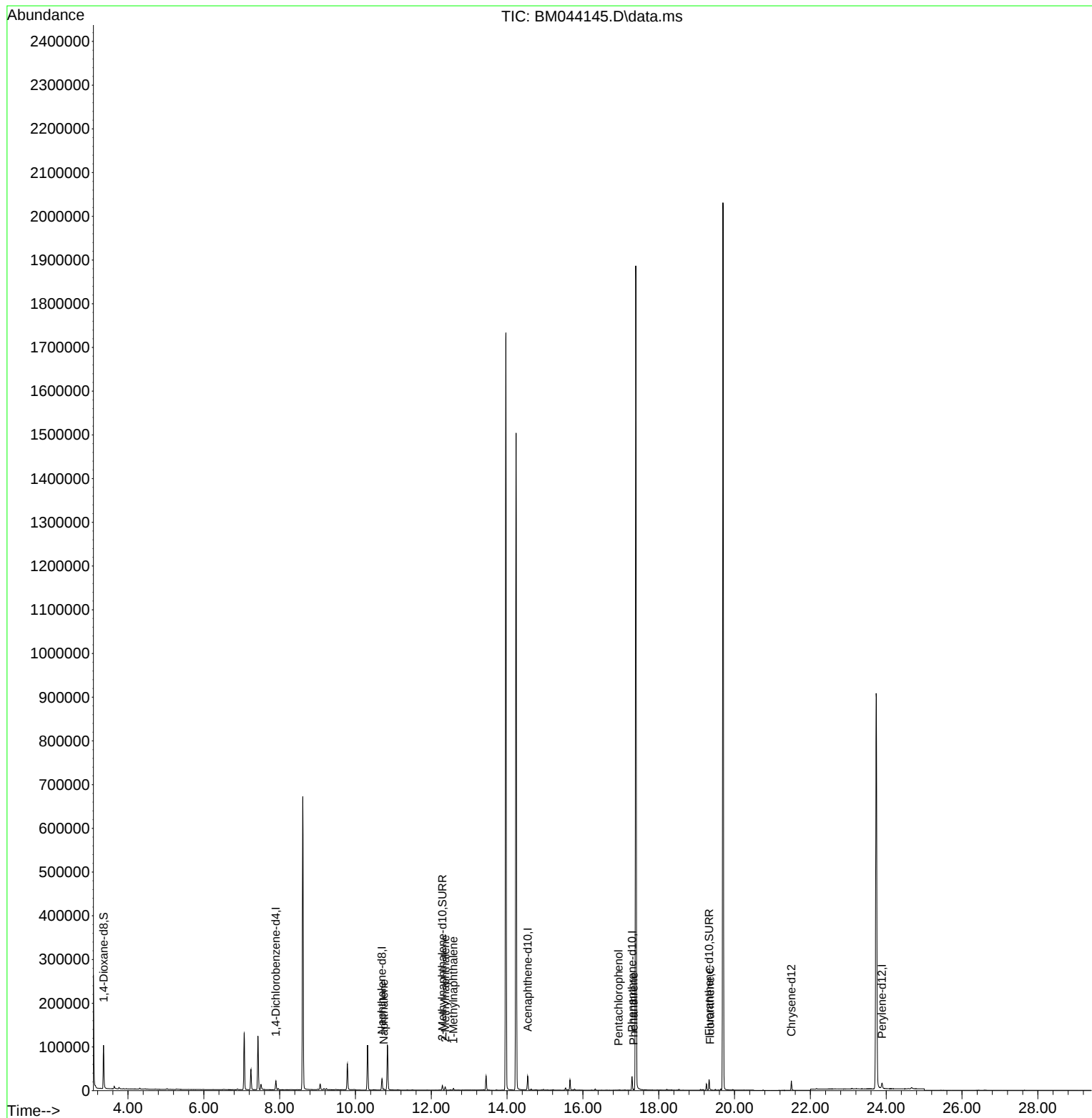
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
Data File : BM044145.D  
Acq On : 16 Feb 2024 19:24  
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ALS Vial : 56 Sample Multiplier: 1

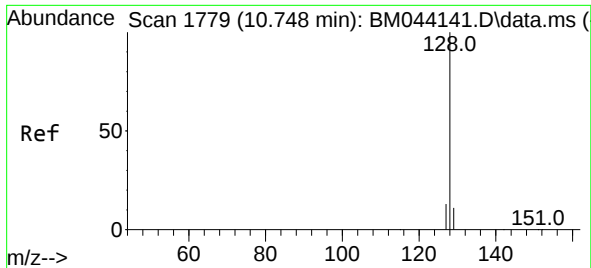
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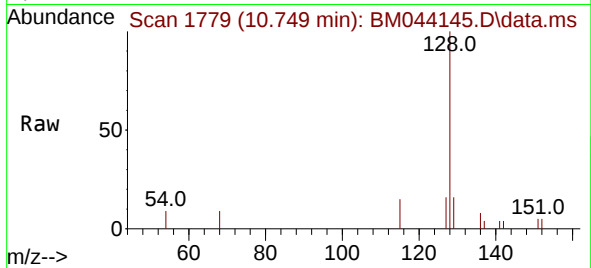
Quant Time: Feb 16 22:40:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 15 13:40:24 2024  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.032 ng/ul  
RT: 10.749 min Scan# 1779  
Delta R.T. -0.005 min  
Lab File: BM044145.D  
Acq: 16 Feb 2024 19:24

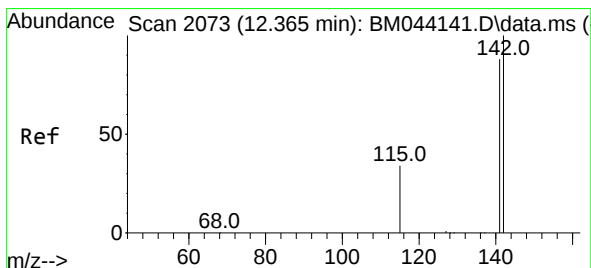
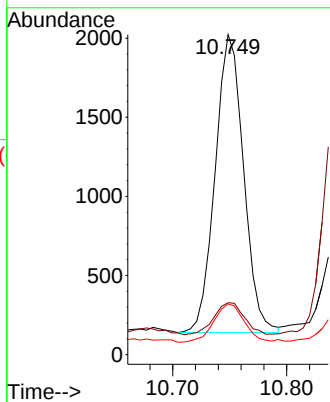
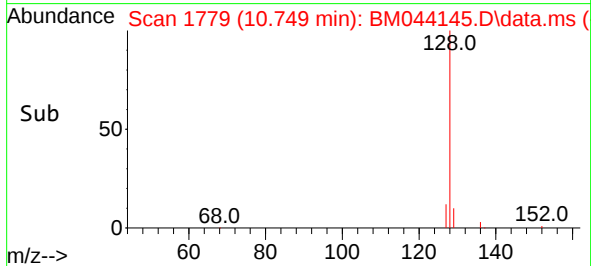
Instrument :  
BNA\_M  
ClientSampleId :  
COFN1



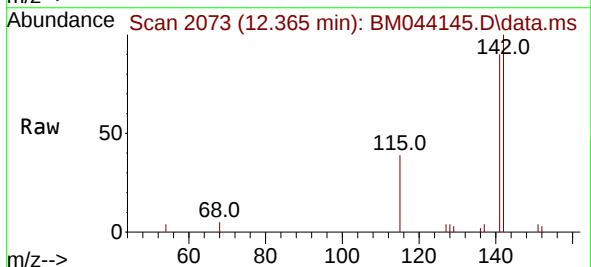
Tgt Ion:128 Resp: 326  
Ion Ratio Lower Upper  
128 100  
129 16.2 9.5 14.3  
127 15.9 10.7 16.1

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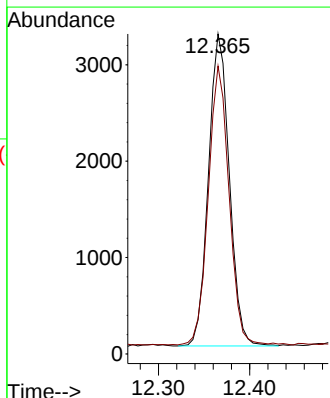
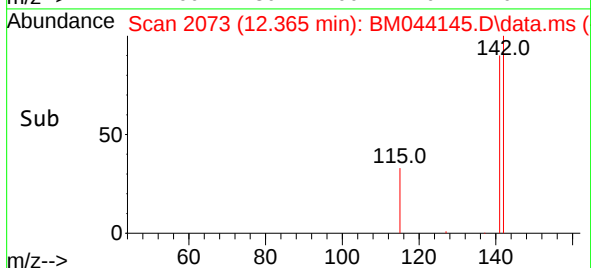
Reviewed By :Yogesh Patel 02/17/2024  
Supervised By :mohammad ahmed 02/19/2024

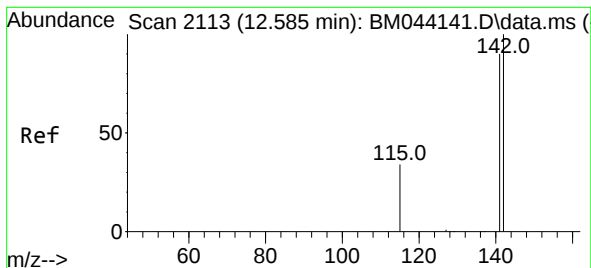


#7  
2-Methylnaphthalene  
Concen: 0.083 ng/ul  
RT: 12.365 min Scan# 2073  
Delta R.T. -0.005 min  
Lab File: BM044145.D  
Acq: 16 Feb 2024 19:24



Tgt Ion:142 Resp: 5150  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.0 105.0





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.585 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BM044145.D

Acq: 16 Feb 2024 19:24

Instrument :

BNA\_M

ClientSampleId :

C0FN1

Tgt Ion:142 Resp: 263

Ion Ratio Lower Upper

142 100

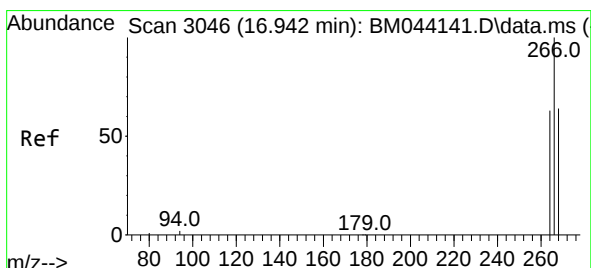
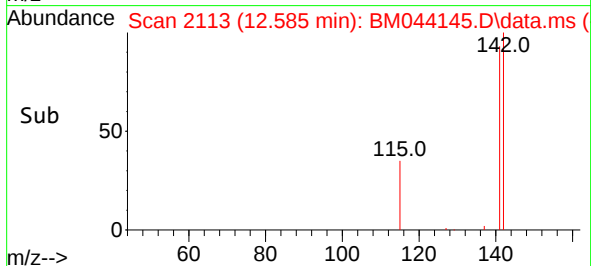
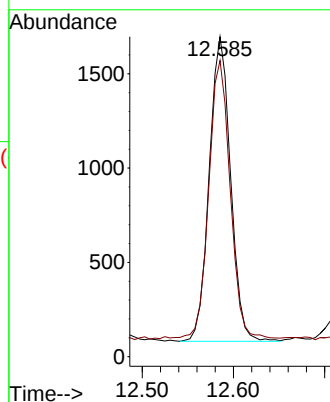
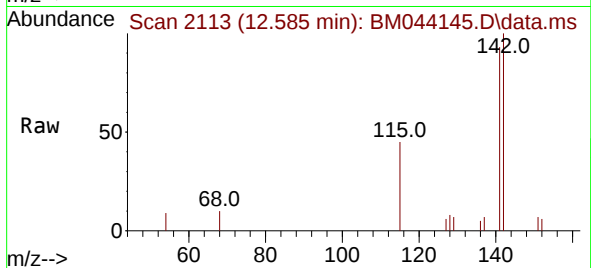
141 90.4 72.5 108.7

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#14

Pentachlorophenol

Concen: 0.030 ng/ul

RT: 16.942 min Scan# 3046

Delta R.T. -0.004 min

Lab File: BM044145.D

Acq: 16 Feb 2024 19:24

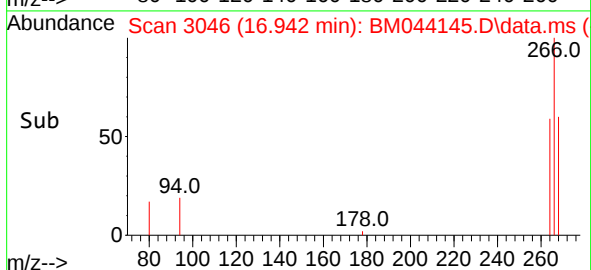
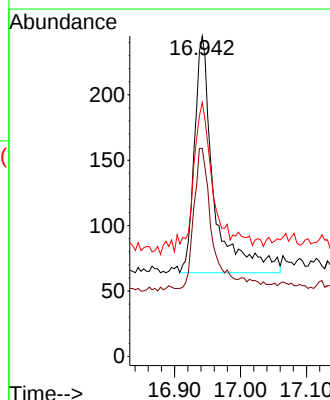
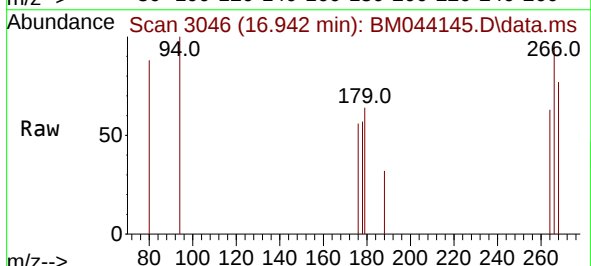
Tgt Ion:266 Resp: 374

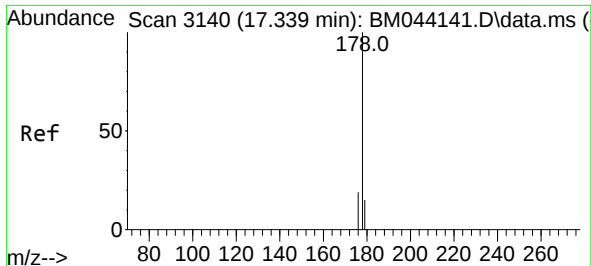
Ion Ratio Lower Upper

266 100

264 58.3 49.4 74.0

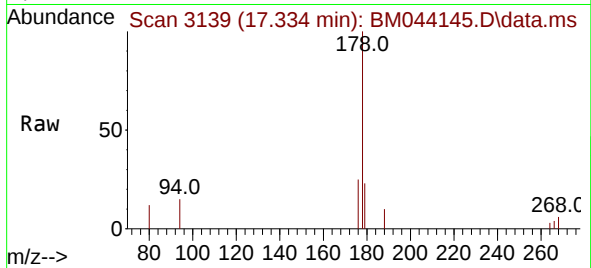
268 65.2 52.1 78.1





#15  
Phenanthrene  
Concen: 0.021 ng/ul m  
RT: 17.334 min Scan# 3140  
Delta R.T. -0.004 min  
Lab File: BM044145.D  
Acq: 16 Feb 2024 19:24

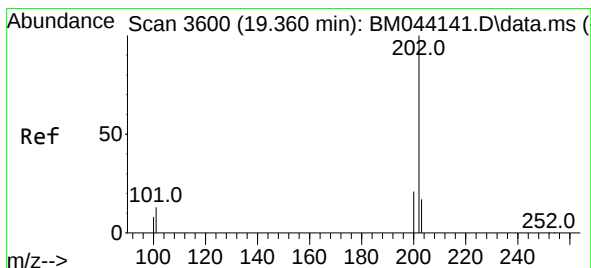
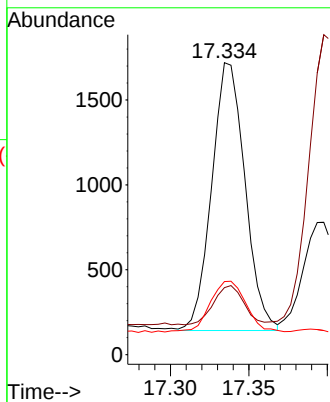
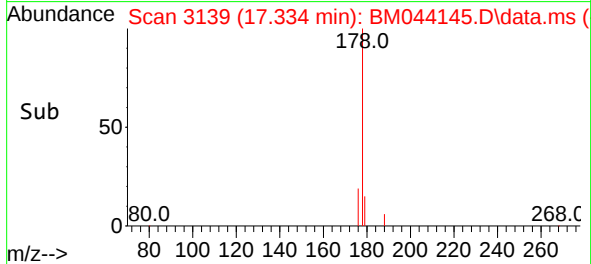
Instrument :  
BNA\_M  
ClientSampleId :  
COFN1



Tgt Ion:178 Resp: 232  
Ion Ratio Lower Upper  
178 100  
179 23.0 12.6 19.0#  
176 25.0 16.0 24.0#

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#19  
Fluoranthene  
Concen: 0.021 ng/ul  
RT: 19.359 min Scan# 3600  
Delta R.T. -0.004 min  
Lab File: BM044145.D  
Acq: 16 Feb 2024 19:24

Tgt Ion:202 Resp: 1763  
Ion Ratio Lower Upper  
202 100  
101 26.8 9.8 14.6#  
100 19.0 7.0 10.4#

