

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081921\  
 Data File : BF125119.D  
 Acq On : 19 Aug 2021 17:45  
 Operator : JU/CG  
 Sample : M3451-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-0-5-COMP

Manual Integrations  
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Quant Time: Aug 20 02:52:42 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 17:03:50 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.916  | 152  | 166086   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.198  | 136  | 639885   | 20.000 | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 9.957  | 164  | 342047   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.445 | 188  | 609205   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.086 | 240  | 373412   | 20.000 | ng    | # 0.00    |
| 86) Perylene-d12            | 15.580 | 264  | 358596   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.534  | 112  | 898338   | 81.869 | ng    | 0.00      |
| 7) Phenol-d6                | 6.534  | 99   | 1196201  | 84.290 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.481  | 82   | 809799   | 63.712 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.745 | 330  | 316281   | 92.632 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.275  | 172  | 1389734  | 56.627 | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.033 | 244  | 1383405  | 59.020 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 71) Phenanthrene            | 11.469 | 178  | 168064   | 5.007  | ng    | Qvalue 99 |
| 83) Chrysene                | 14.110 | 228  | 108271   | 4.069  | ng    | # 88      |
| 88) Benzo(b)fluoranthene    | 15.133 | 252  | 54803m   | 2.092  | ng    |           |
| -----                       |        |      |          |        |       |           |

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

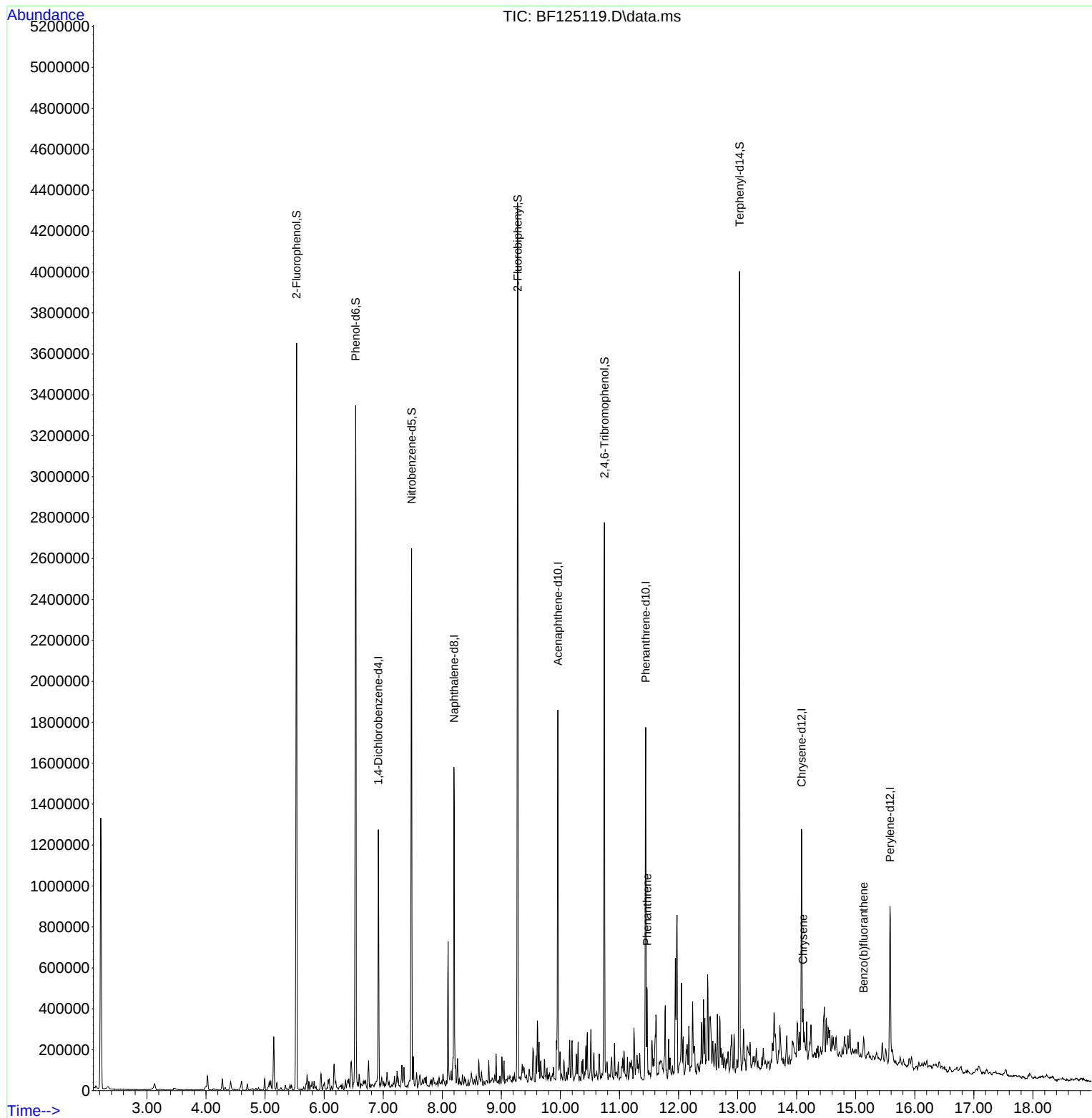
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081921\  
Data File : BF125119.D  
Acq On : 19 Aug 2021 17:45  
Operator : JU/CG  
Sample : M3451-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

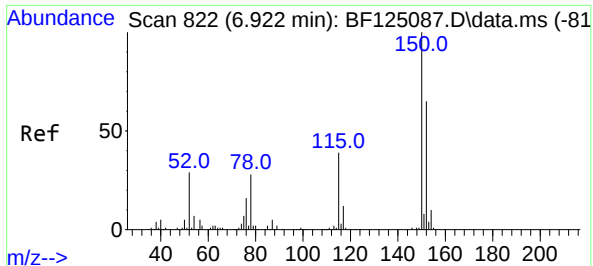
Instrument :  
BNA\_F  
ClientSampleId :  
TP-0-5-COMP

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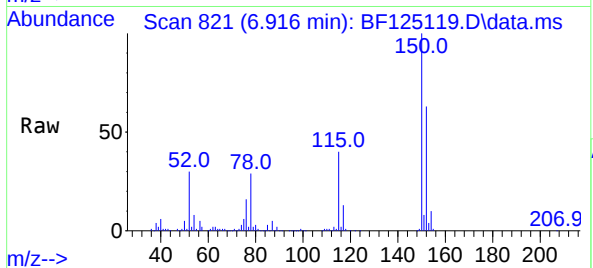
Quant Time: Aug 20 02:52:42 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 18 17:03:50 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

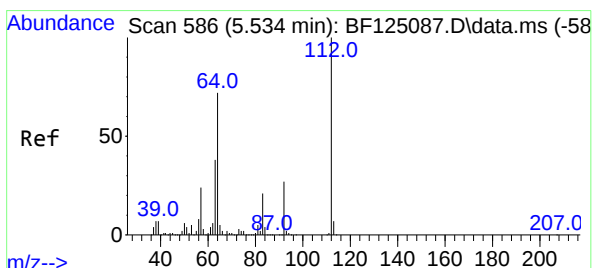
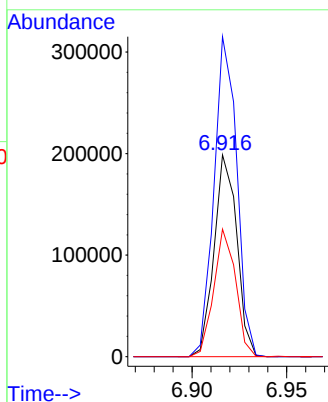
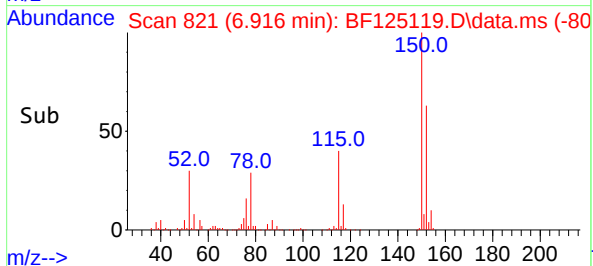
Instrument :  
BNA\_F  
ClientSampleId :  
TP-0-5-COMP



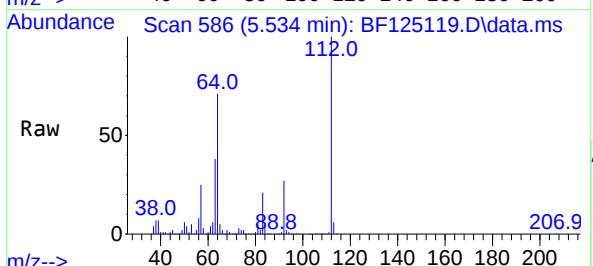
Tgt Ion:152 Resp: 166086  
Ion Ratio Lower Upper  
152 100  
150 158.6 117.6 176.4  
115 63.2 47.1 70.7

Manual Integrations  
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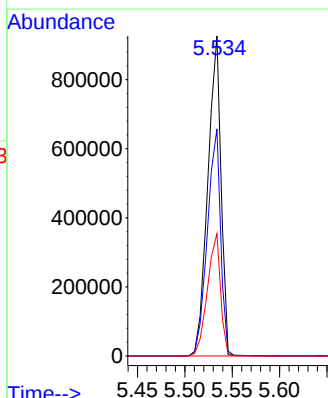
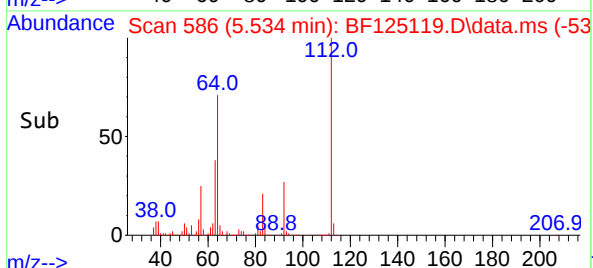
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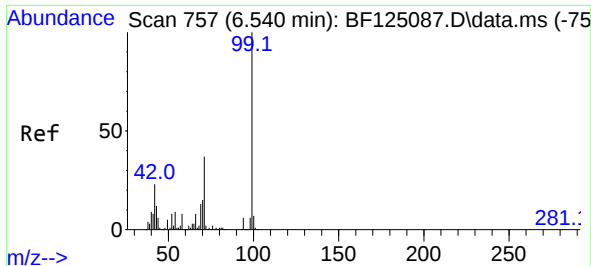


#5  
2-Fluorophenol  
Concen: 81.869 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.000 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45



Tgt Ion:112 Resp: 898338  
Ion Ratio Lower Upper  
112 100  
64 71.0 44.2 66.2#  
63 38.2 26.2 39.2





#7  
Phenol-d6  
Concen: 84.290 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

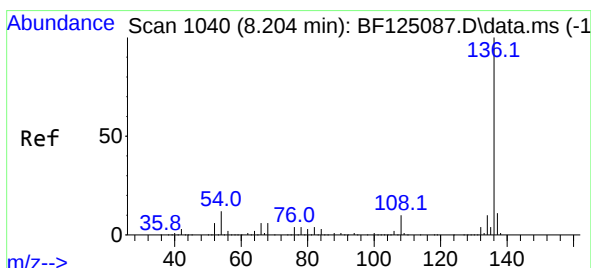
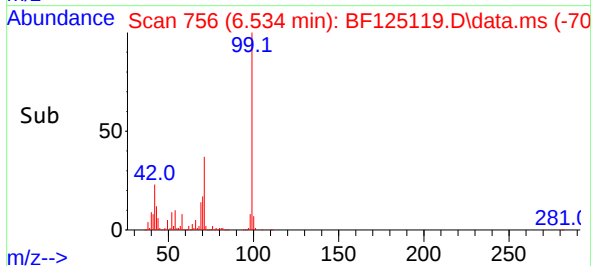
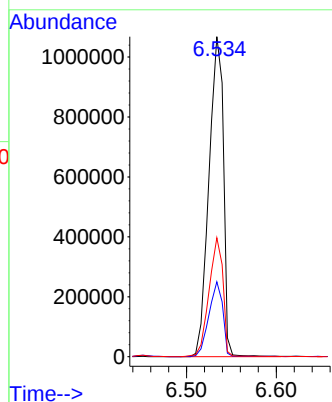
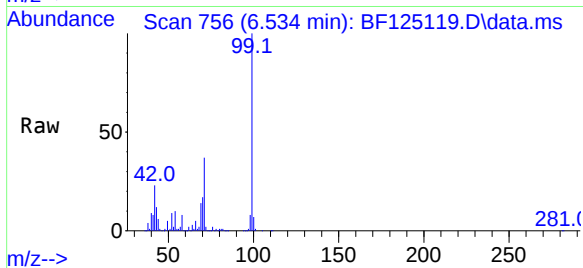
Tgt Ion: 99 Resp: 1196201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.4  | 23.5  | 35.3# |
| 71  | 37.2  | 25.6  | 38.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
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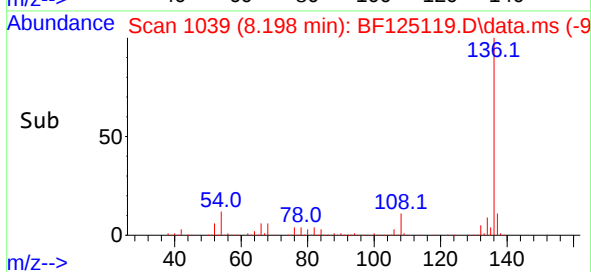
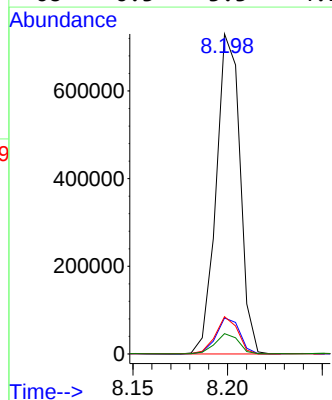
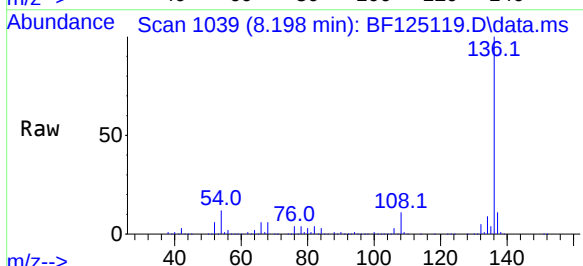
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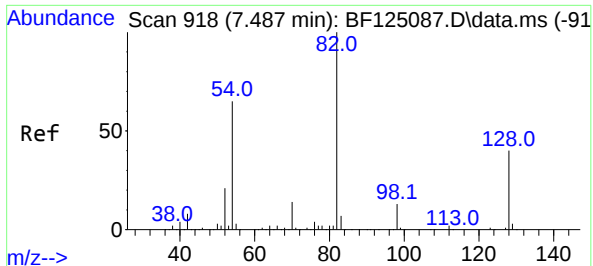


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

Tgt Ion: 136 Resp: 639885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 9.8   | 14.6  |
| 54  | 11.7  | 6.4   | 9.6#  |
| 68  | 6.3   | 3.3   | 4.9#  |





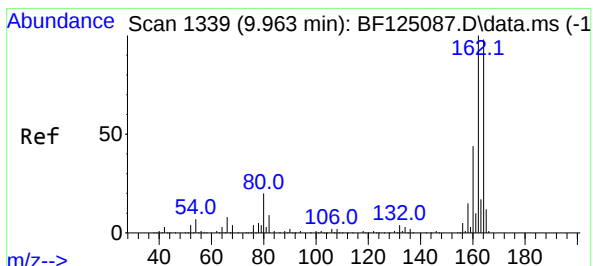
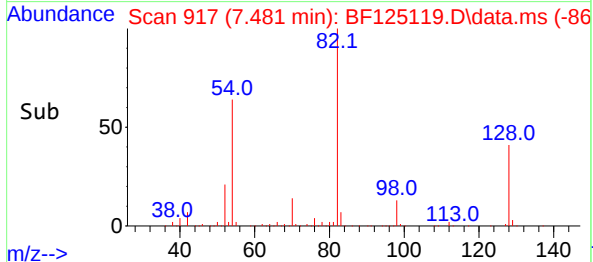
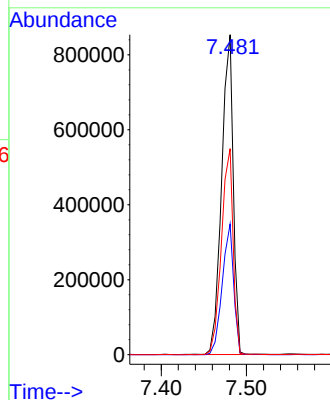
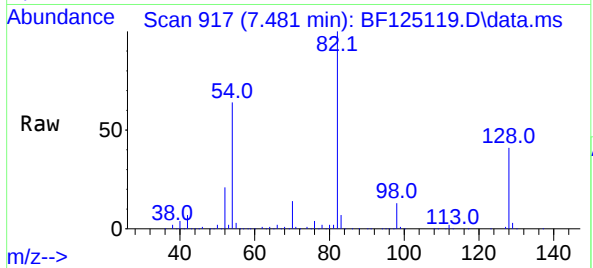
#23  
Nitrobenzene-d5  
Concen: 63.712 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

Tgt Ion: 82 Resp: 809799  
Ion Ratio Lower Upper  
82 100  
128 40.9 40.6 60.8  
54 64.4 49.6 74.4

Instrument :  
BNA\_F  
ClientSampled :  
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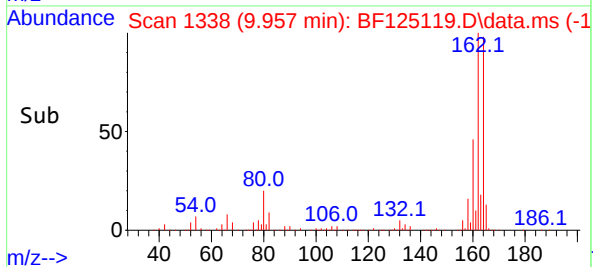
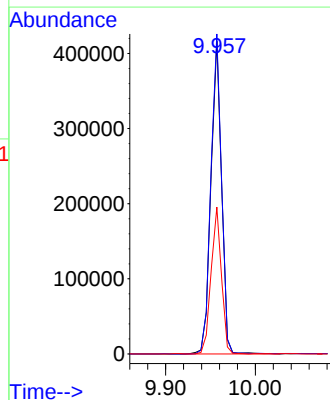
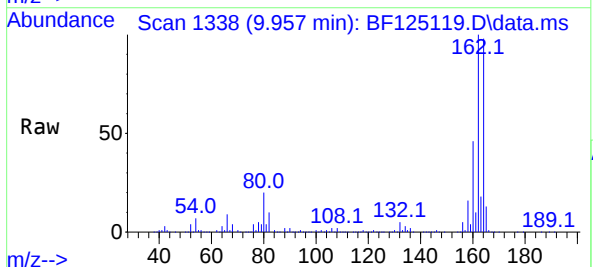
Manual Integrations  
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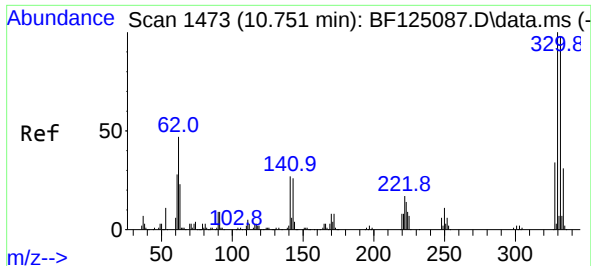
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#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

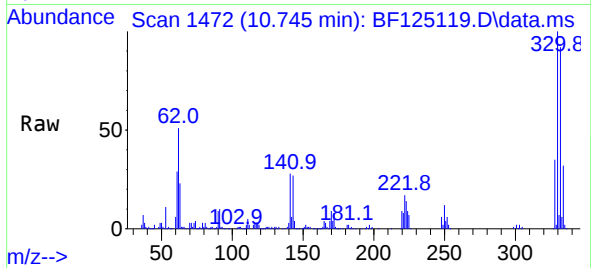
Tgt Ion: 164 Resp: 342047  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.3 121.9  
160 47.0 38.0 57.0





#42  
2,4,6-Tribromophenol  
Concen: 92.632 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

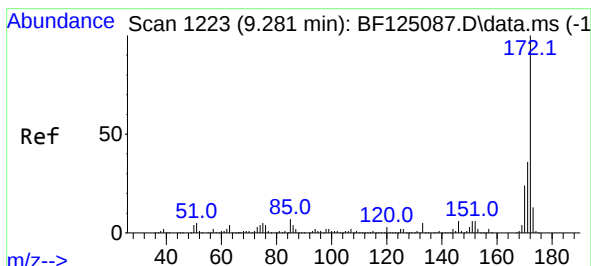
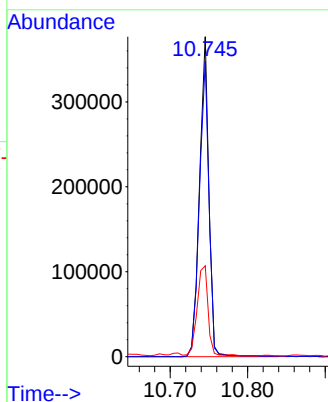
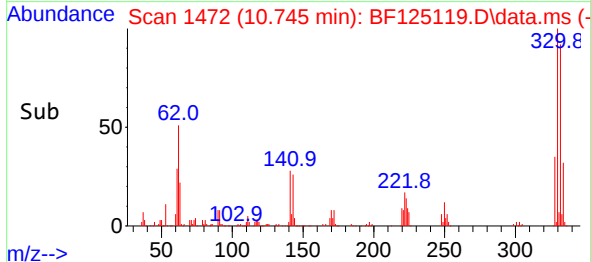
Instrument :  
BNA\_F  
ClientSampleId :  
TP-0-5-COMP



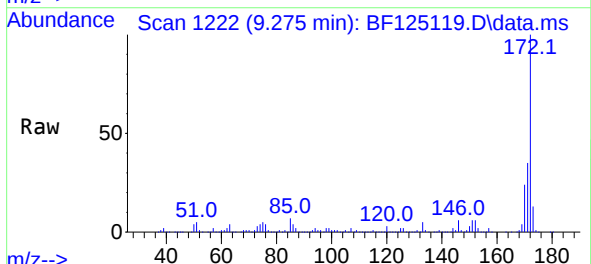
Tgt Ion:330 Resp: 316281  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.2 114.4  
141 31.6 44.6 66.8#

Manual Integrations  
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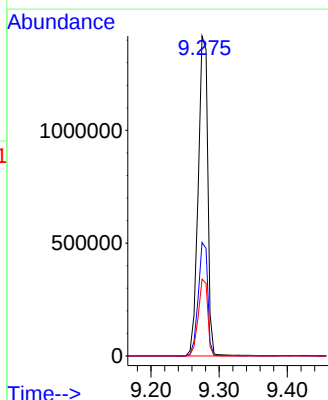
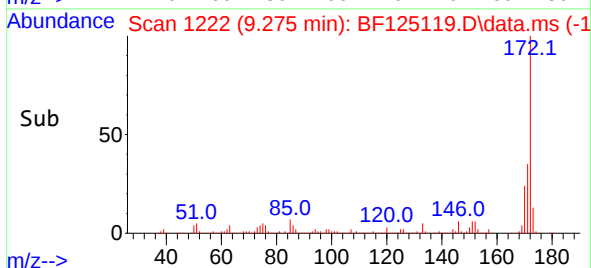
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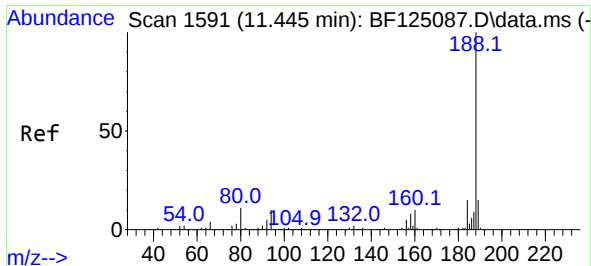


#45  
2-Fluorobiphenyl  
Concen: 56.627 ng  
RT: 9.275 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45



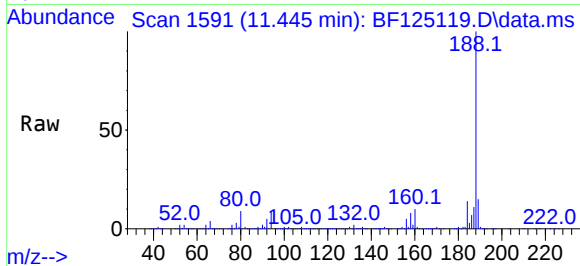
Tgt Ion:172 Resp: 1389734  
Ion Ratio Lower Upper  
172 100  
171 35.4 26.5 39.7  
170 24.0 18.8 28.2





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

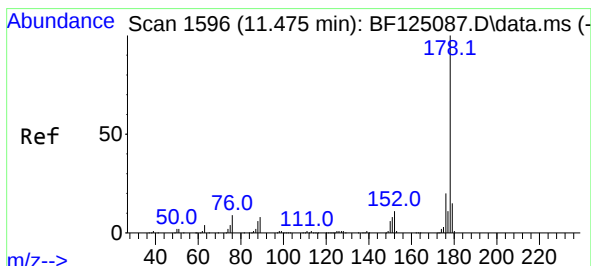
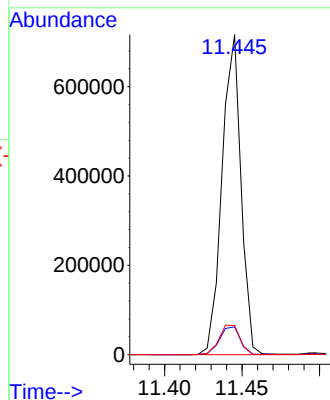
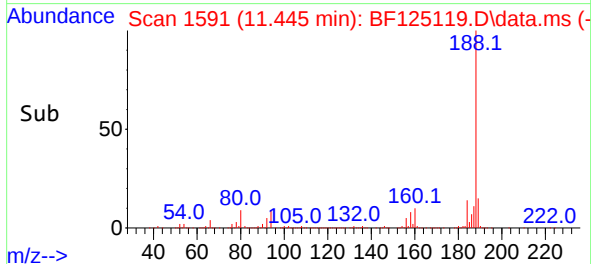
Instrument :  
BNA\_F  
ClientSampleId :  
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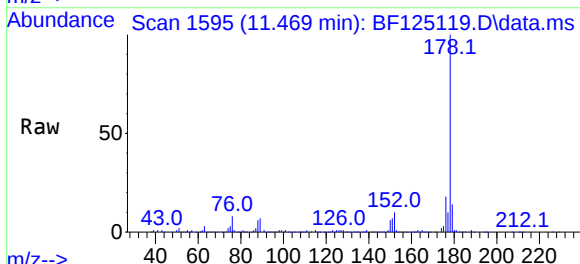
Tgt Ion:188 Resp: 609205  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.7 10.1  
80 9.2 7.5 11.3

Manual Integrations  
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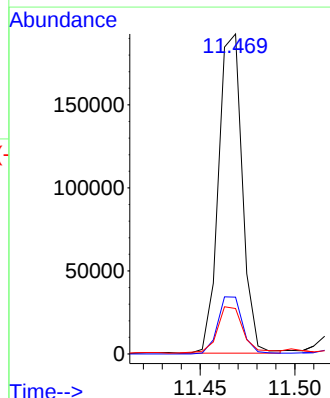
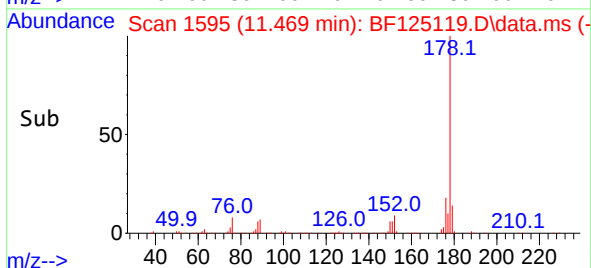
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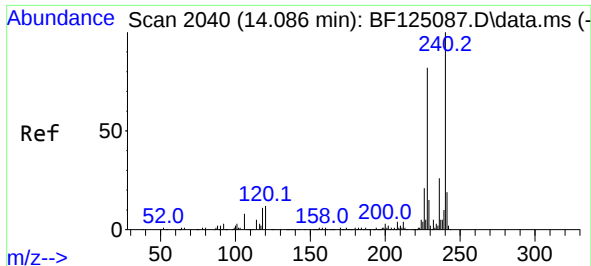


#71  
Phenanthrene  
Concen: 5.007 ng  
RT: 11.469 min Scan# 1595  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45



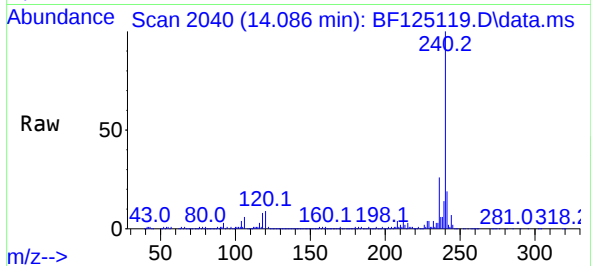
Tgt Ion:178 Resp: 168064  
Ion Ratio Lower Upper  
178 100  
176 17.7 14.7 22.1  
179 14.2 11.5 17.3





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

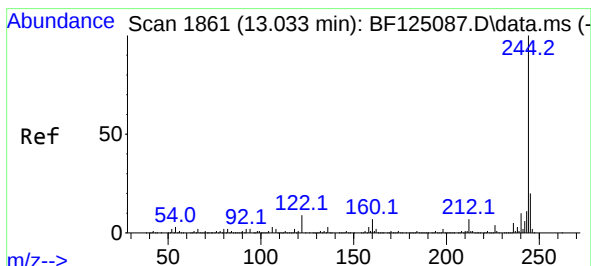
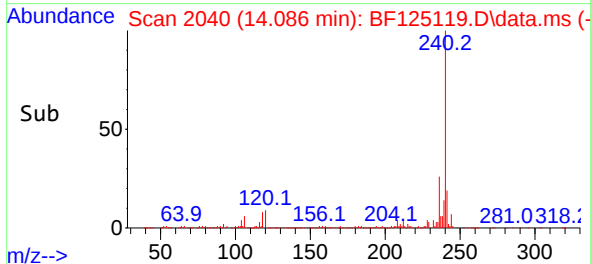
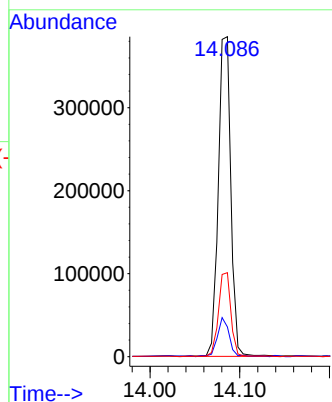
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BNA\_F  
ClientSampleId :  
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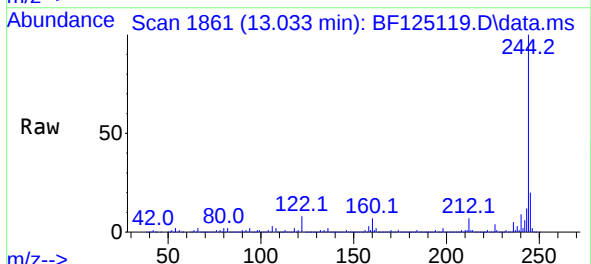
Tgt Ion:240 Resp: 373412  
Ion Ratio Lower Upper  
240 100  
120 9.3 10.8 16.2#  
236 26.2 21.6 32.4

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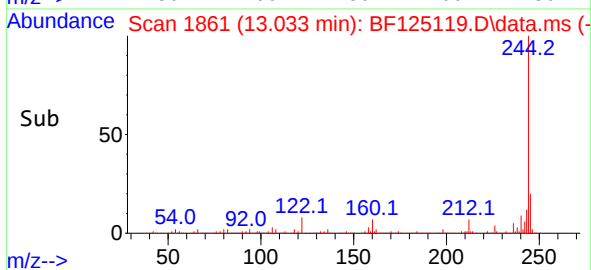
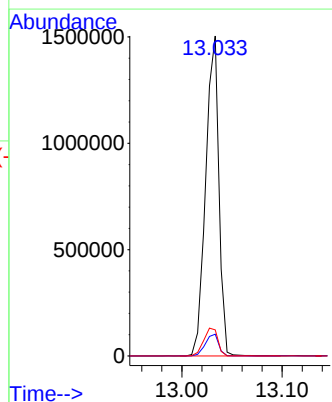
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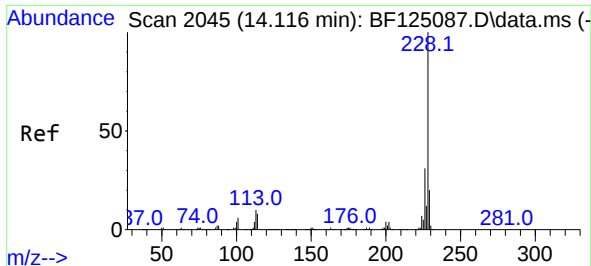


#79  
Terphenyl-d14  
Concen: 59.020 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45



Tgt Ion:244 Resp: 1383405  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 8.2 9.0 13.4#





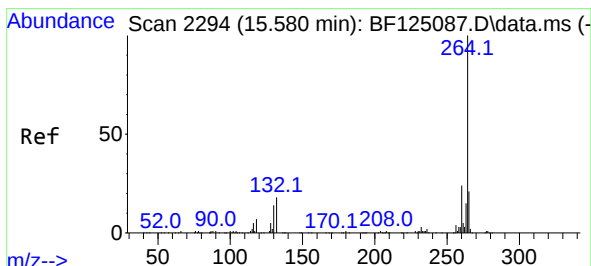
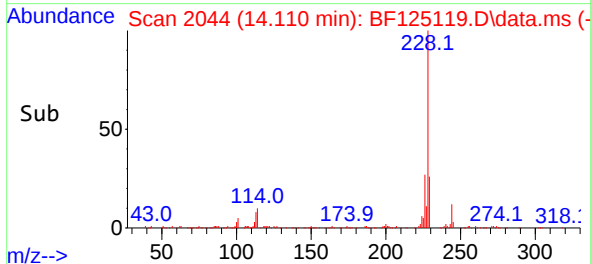
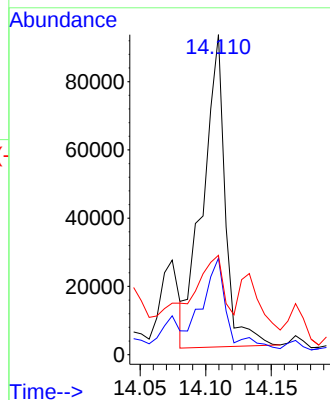
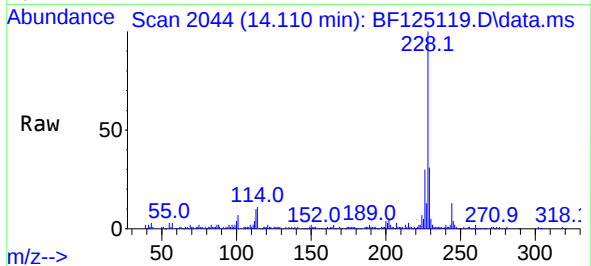
#83  
Chrysene  
Concen: 4.069 ng  
RT: 14.110 min Scan# 2044  
Delta R.T. -0.006 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

Tgt Ion: 228 Resp: 108271  
Ion Ratio Lower Upper  
228 100  
226 30.2 22.6 34.0  
229 31.0 15.9 23.9#

Instrument :  
BNA\_F  
ClientSampleId :  
TP-0-5-COMP

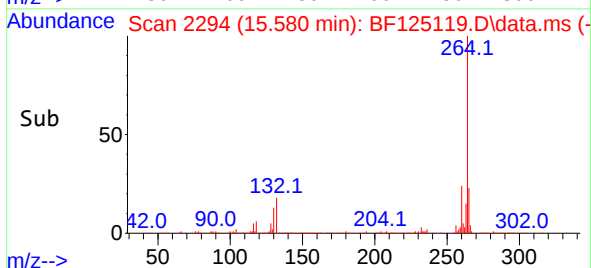
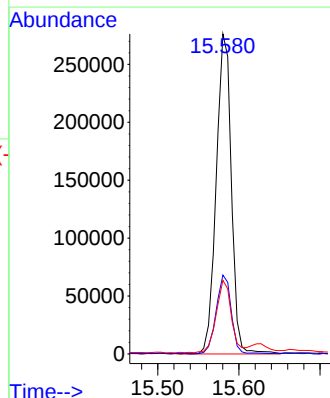
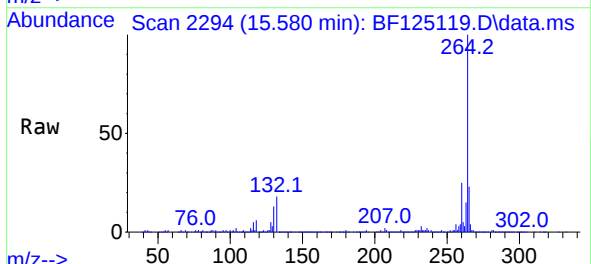
Manual Integrations  
APPROVED

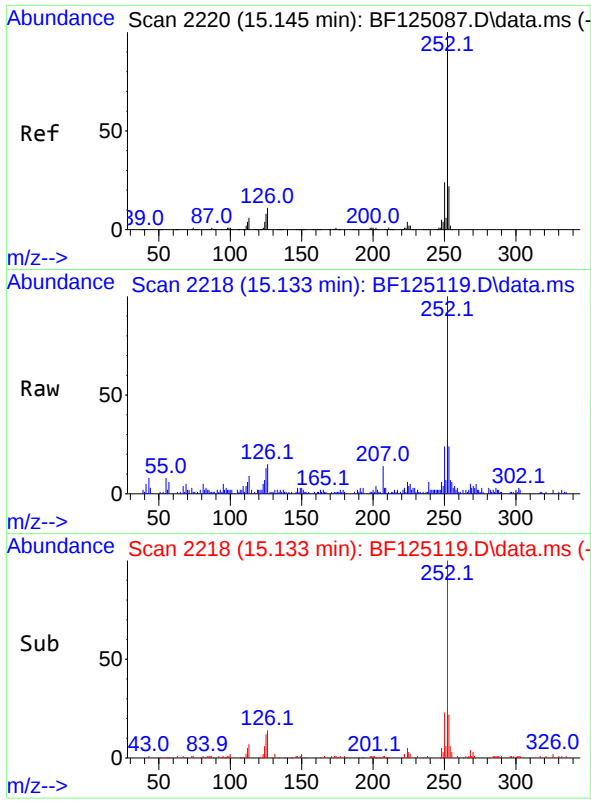
mohammad  
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BF125119.D  
Acq: 19 Aug 2021 17:45

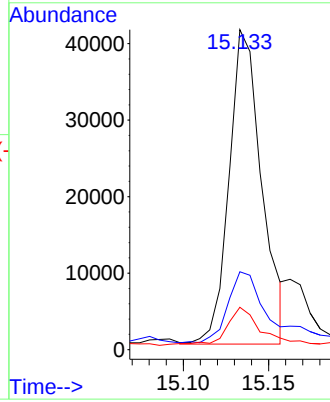
Tgt Ion: 264 Resp: 358596  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.6 29.4  
265 23.0 17.2 25.8





#88  
 Benzo(b)fluoranthene  
 Concen: 2.092 ng m  
 RT: 15.133 min Scan# 2218  
 Delta R.T. -0.012 min  
 Lab File: BF125119.D  
 Acq: 19 Aug 2021 17:45

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 54803     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 24.3  | 16.8 25.2 |
| 125         | 13.3  | 9.8 14.8  |



Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-0-5-COMP

Manual Integrations  
 APPROVED

mohammad  
 8/20/2021 2:24:01 PM