

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010722\  
 Data File : BM033682.D  
 Acq On : 07 Jan 2022 23:05  
 Operator : CG/JU  
 Sample : N1065-26  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AMI-7

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 01/10/2022  
 Supervised By :Jagrut Upadhyay 01/10/2022

Quant Time: Jan 08 06:55:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 17:07:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.972  | 152  | 147128   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.789 | 136  | 615151   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.613 | 164  | 418107   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.348 | 188  | 919354   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.512 | 240  | 1001194  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.936 | 264  | 934906   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.519  | 112  | 964407   | 103.380 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.131  | 99   | 1279654  | 101.778 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.137  | 82   | 861770   | 64.698  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.095 | 330  | 593376   | 135.877 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.242 | 172  | 1900929  | 59.550  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.959 | 244  | 3208041  | 57.676  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene              | 17.389 | 178  | 117067   | 2.225   | ng    | 99       |
| 75) Fluoranthene              | 19.395 | 202  | 358763   | 6.496   | ng    | 99       |
| 78) Pyrene                    | 19.759 | 202  | 342779   | 4.863   | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.495 | 228  | 176625   | 2.602   | ng    | 94       |
| 83) Chrysene                  | 21.547 | 228  | 182658   | 2.811   | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.430 | 149  | 260146   | 5.424   | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.194 | 252  | 237634m  | 3.987   | ng    |          |
| 90) Benzo(a)pyrene            | 23.824 | 252  | 142635   | 2.883   | ng    | # 96     |
| -----                         |        |      |          |         |       |          |

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

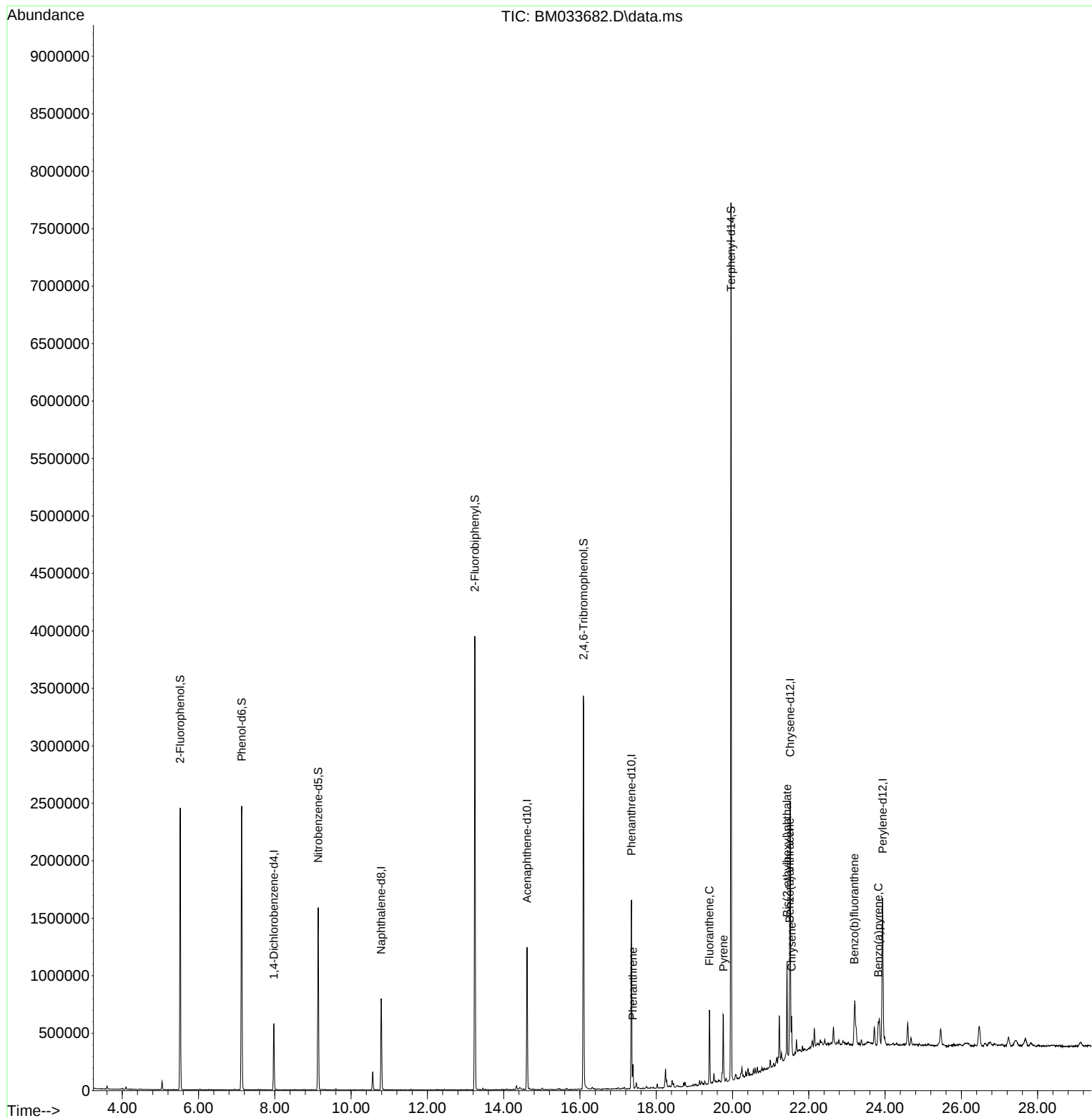
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010722\  
Data File : BM033682.D  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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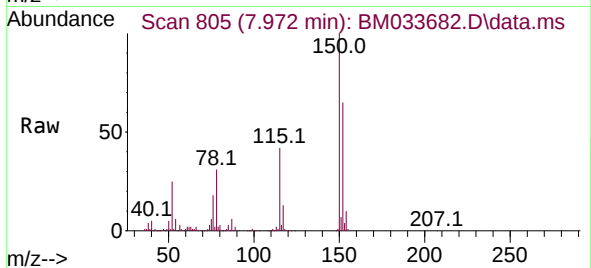
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.972 min Scan# 807  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

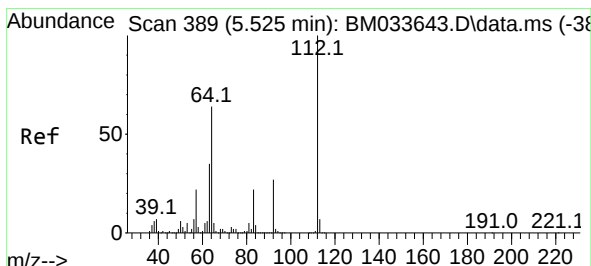
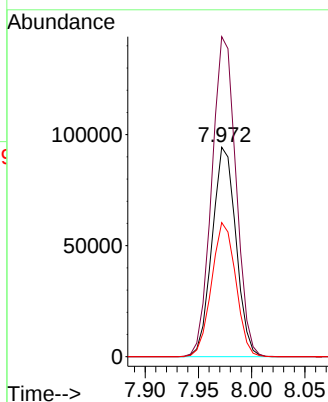
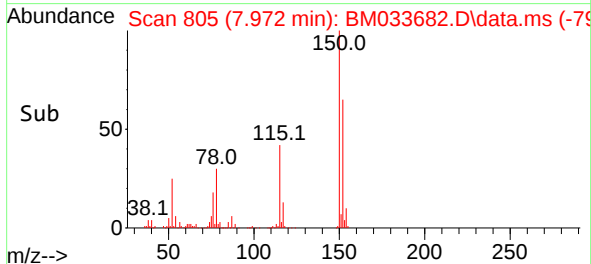
Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7



Tgt Ion:152 Resp: 147128  
Ion Ratio Lower Upper  
152 100  
150 152.8 128.9 193.3  
115 64.0 53.0 79.6

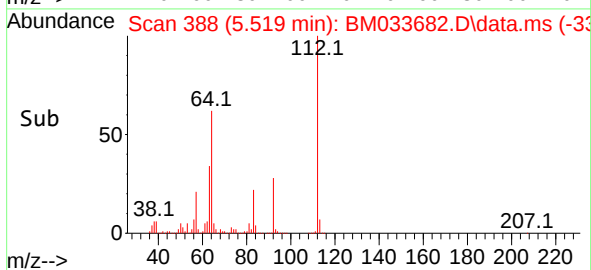
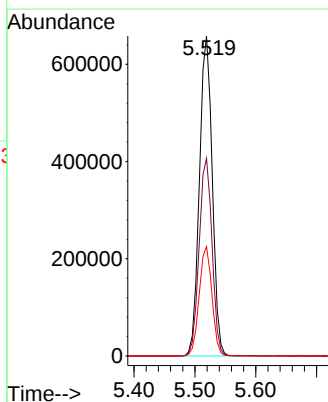
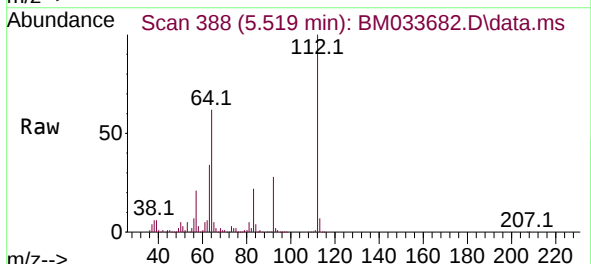
Manual Integrations  
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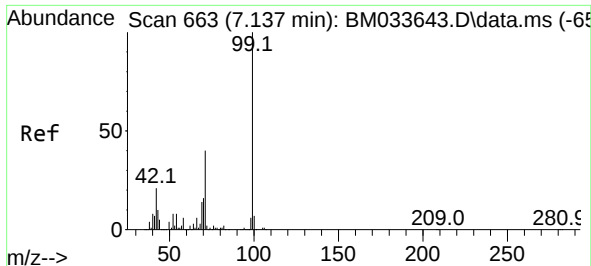
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022



#5  
2-Fluorophenol  
Concen: 103.380 ng  
RT: 5.519 min Scan# 388  
Delta R.T. -0.006 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

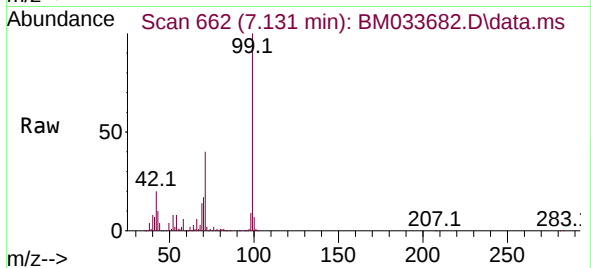
Tgt Ion:112 Resp: 964407  
Ion Ratio Lower Upper  
112 100  
64 61.8 55.5 83.3  
63 34.1 31.3 46.9





#7  
Phenol-d6  
Concen: 101.778 ng  
RT: 7.131 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

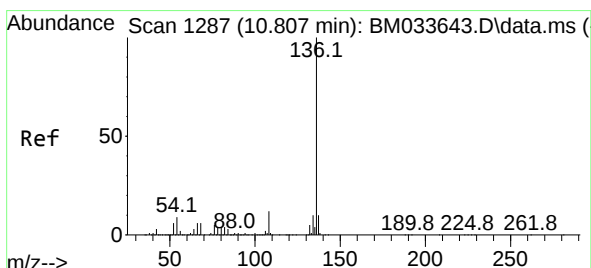
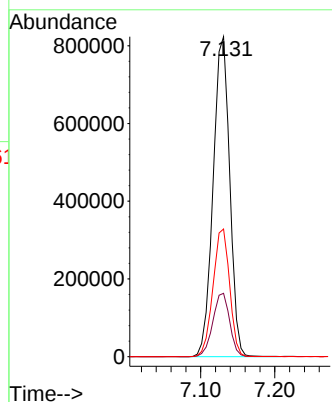
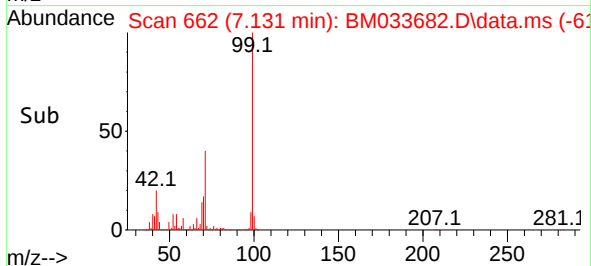
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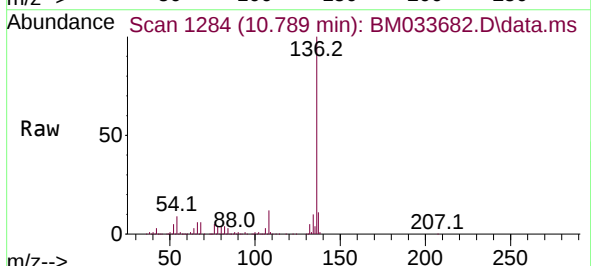
Tgt Ion: 99 Resp: 1279654  
Ion Ratio Lower Upper  
99 100  
42 19.8 20.3 30.5  
71 39.9 34.5 51.7

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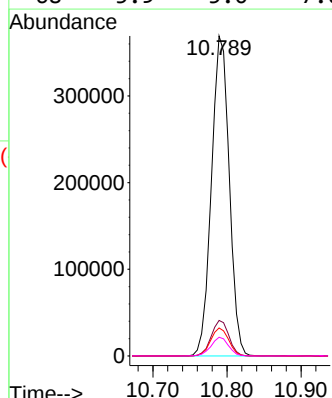
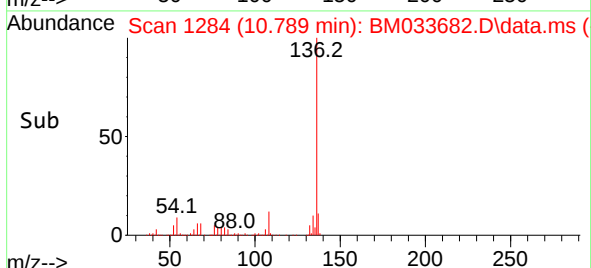
Reviewed By :Christian Giraldo 01/10/2022  
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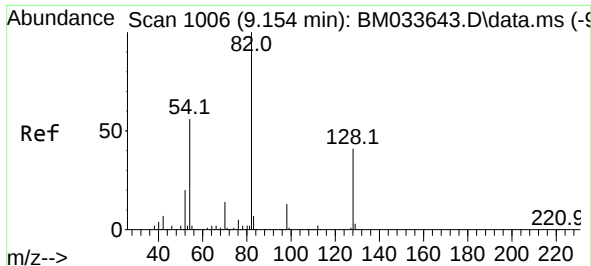


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.789 min Scan# 1284  
Delta R.T. -0.018 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05



Tgt Ion:136 Resp: 615151  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.8 8.3 12.5  
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 64.698 ng

RT: 9.137 min Scan# 1003

Delta R.T. -0.018 min

Lab File: BM033682.D

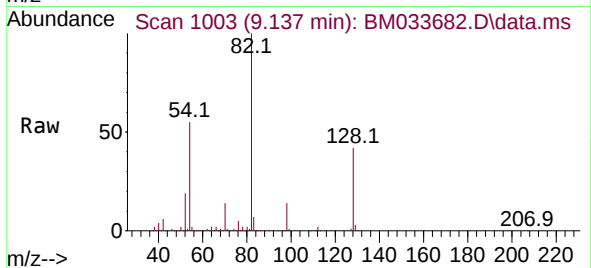
Acq: 07 Jan 2022 23:05

Instrument :

BNA\_M

ClientSampleId :

AMI-7



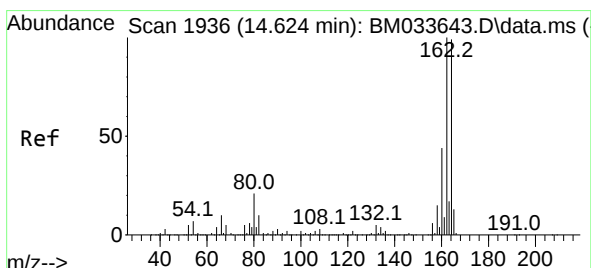
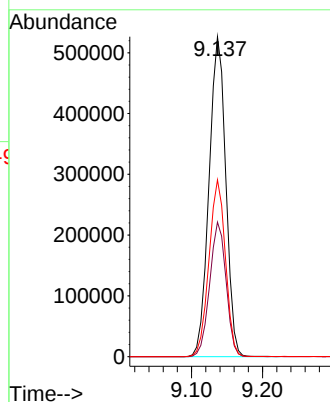
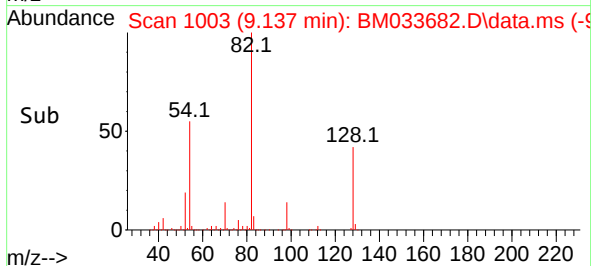
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 861770 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.0  | 28.1  | 42.1   |
| 54        | 55.3  | 46.1  | 69.1   |

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

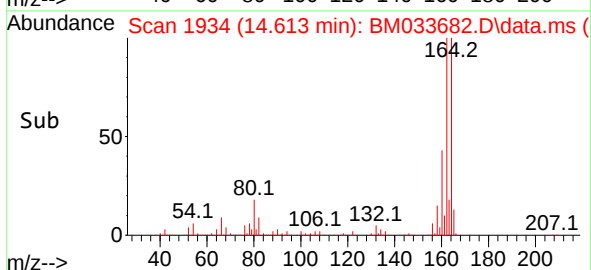
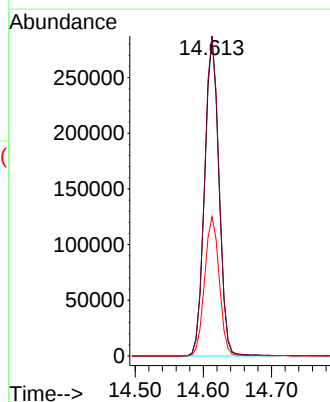
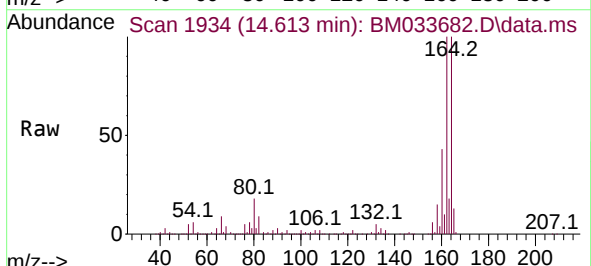
RT: 14.613 min Scan# 1934

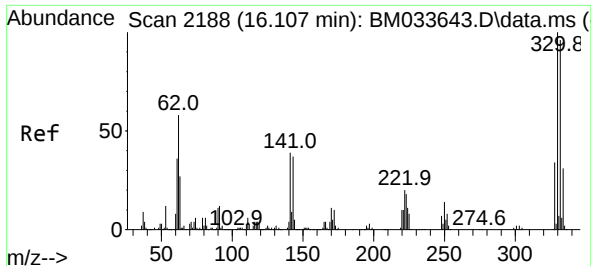
Delta R.T. -0.012 min

Lab File: BM033682.D

Acq: 07 Jan 2022 23:05

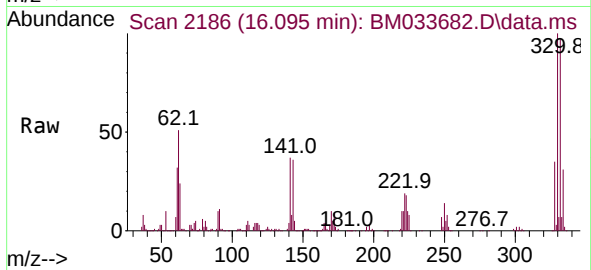
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 418107 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.4 | 79.7  | 119.5  |
| 160       | 43.7  | 34.2  | 51.4   |





#42  
2,4,6-Tribromophenol  
Concen: 135.877 ng  
RT: 16.095 min Scan# 2188  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

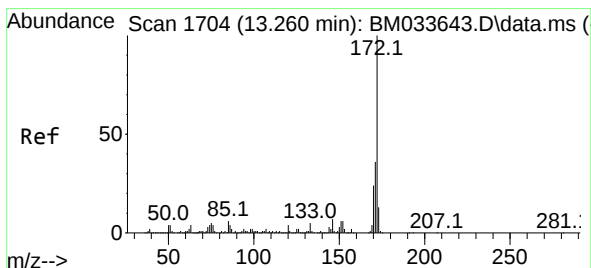
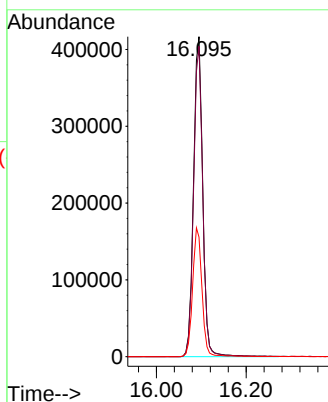
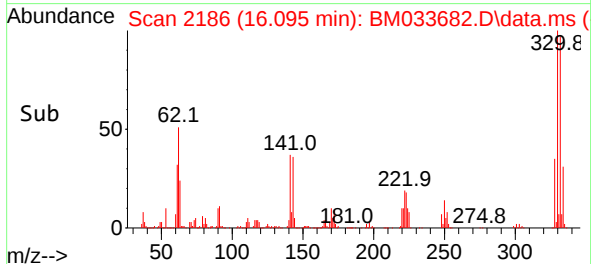
Instrument :  
BNA\_M  
ClientSampleId :  
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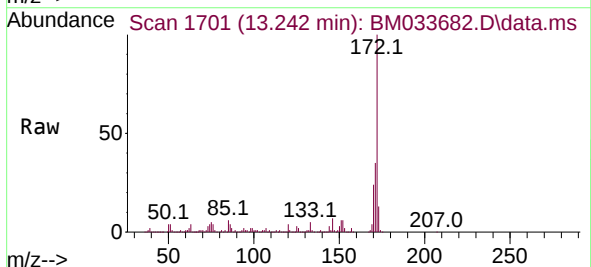
Tgt Ion:330 Resp: 593370  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.5 114.7  
141 41.0 35.9 53.9

Manual Integrations  
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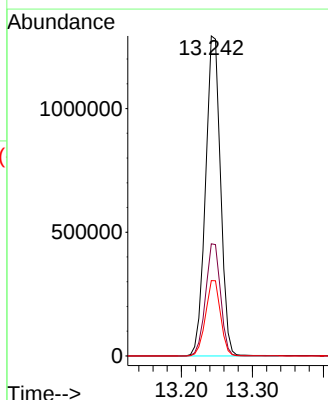
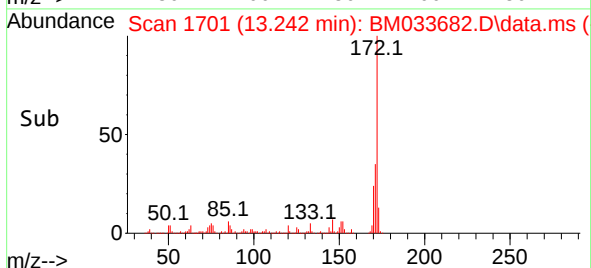
Reviewed By :Christian Giraldo 01/10/2022  
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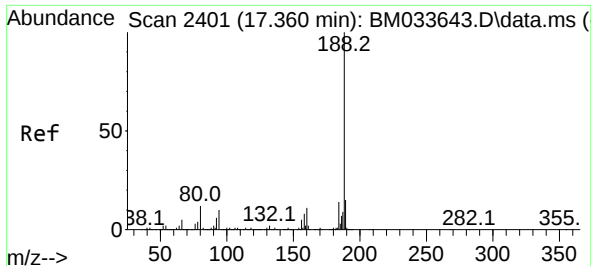


#45  
2-Fluorobiphenyl  
Concen: 59.550 ng  
RT: 13.242 min Scan# 1701  
Delta R.T. -0.018 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05



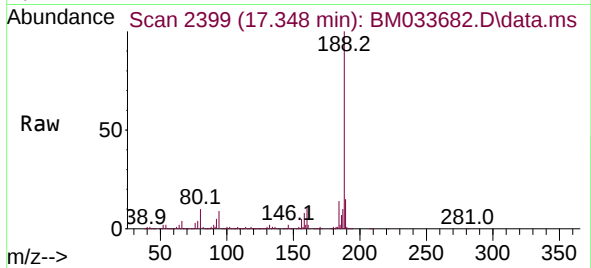
Tgt Ion:172 Resp: 1900929  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.2 40.8  
170 23.6 18.7 28.1





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.348 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

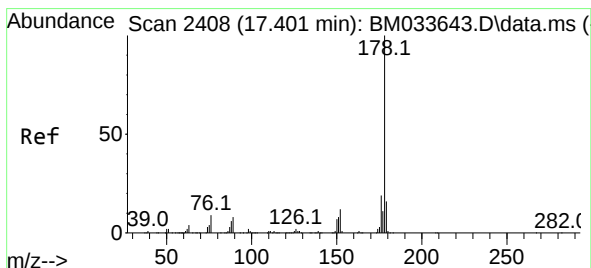
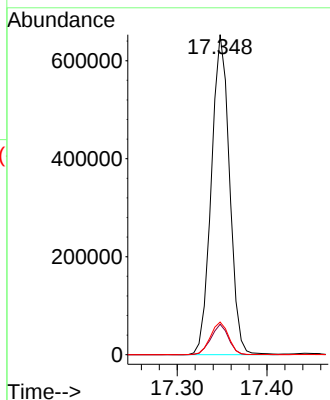
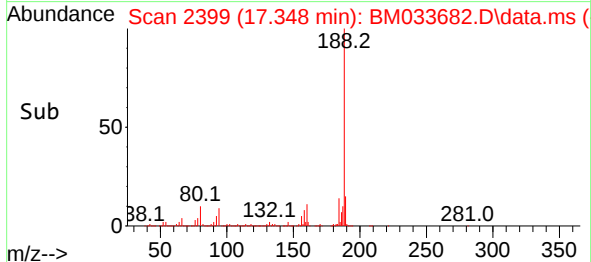
Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7



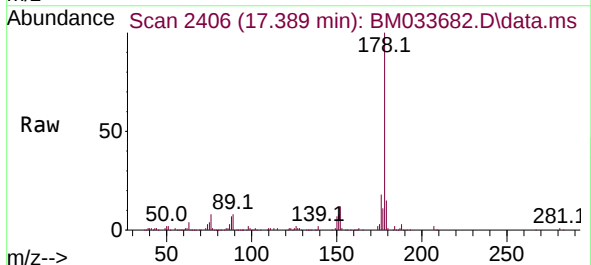
Tgt Ion:188 Resp: 919354  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.5 11.3  
80 10.2 8.9 13.3

Manual Integrations  
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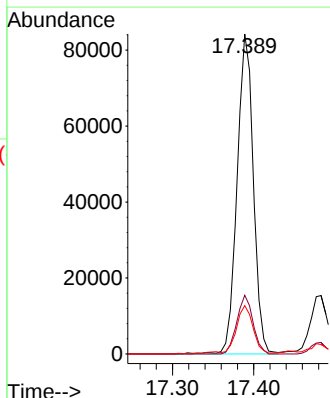
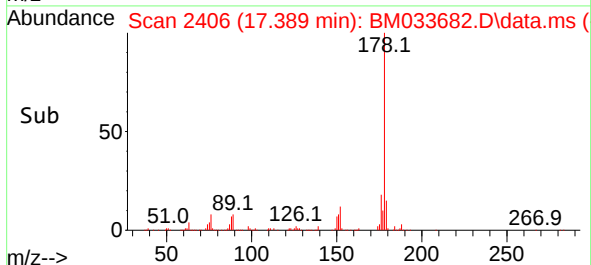
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022

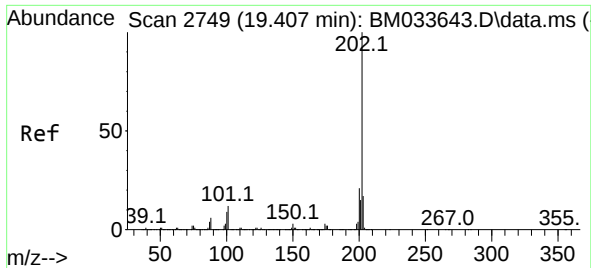


#71  
Phenanthrene  
Concen: 2.225 ng  
RT: 17.389 min Scan# 2406  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05



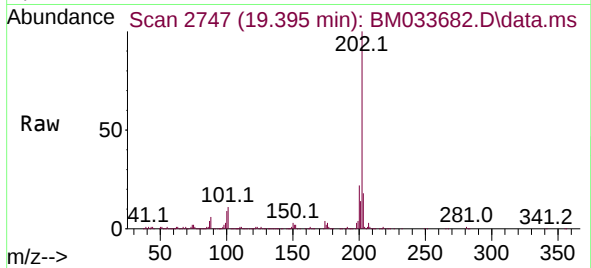
Tgt Ion:178 Resp: 117067  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.1 22.7  
179 15.1 12.0 18.0





#75  
Fluoranthene  
Concen: 6.496 ng  
RT: 19.395 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

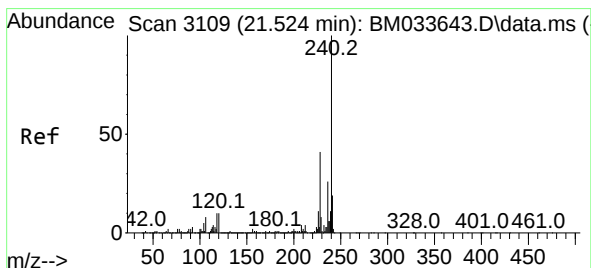
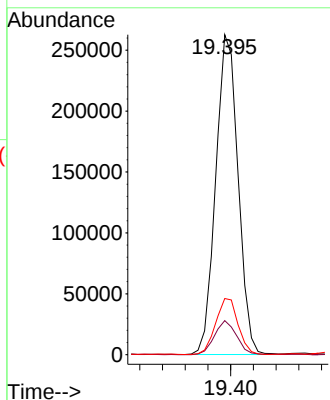
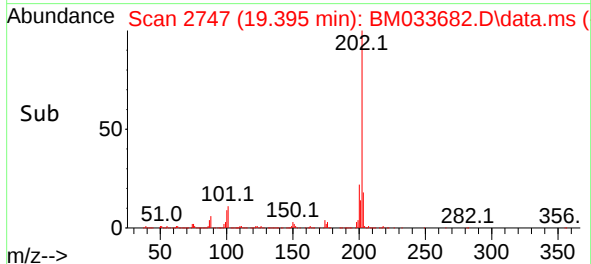
Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7



Tgt Ion:202 Resp: 35876  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 30.8  
203 17.5 0.0 37.2

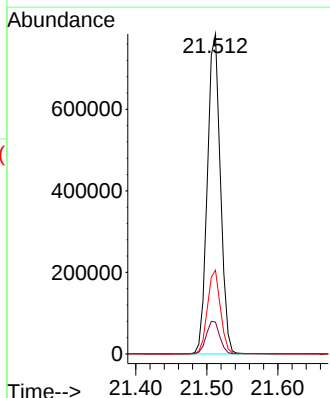
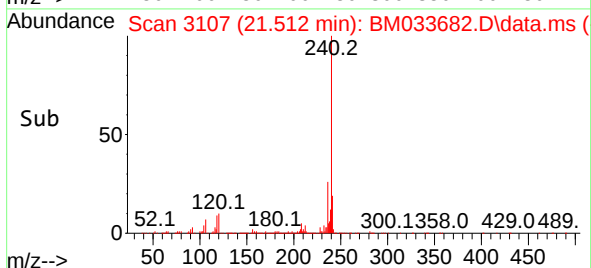
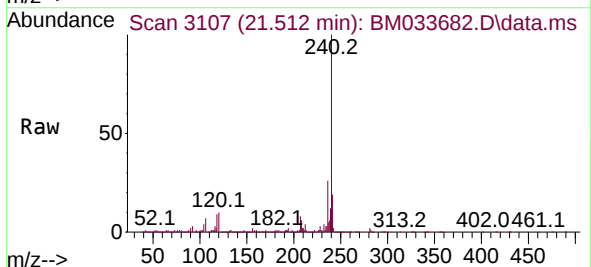
Manual Integrations  
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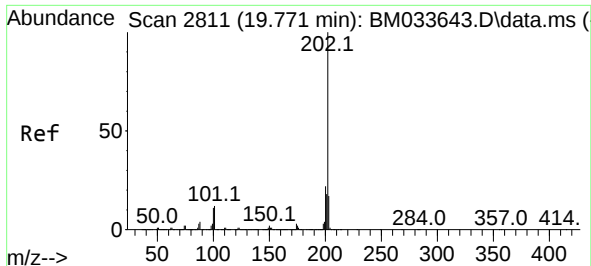
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.512 min Scan# 3107  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

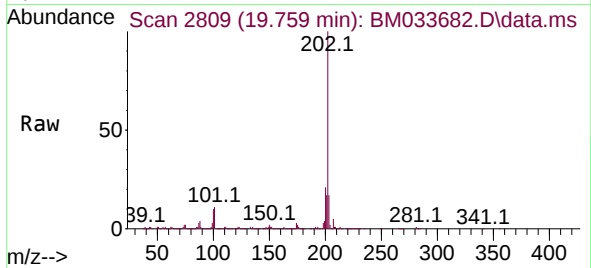
Tgt Ion:240 Resp: 1001194  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.8 11.6  
236 26.2 20.3 30.5





#78  
Pyrene  
Concen: 4.863 ng  
RT: 19.759 min Scan# 2811  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

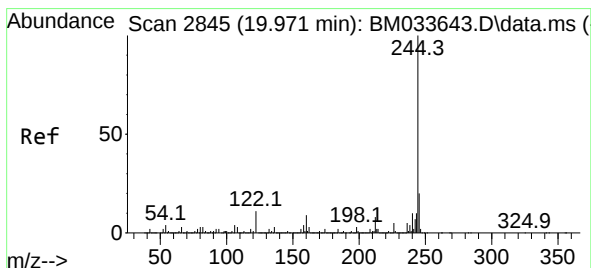
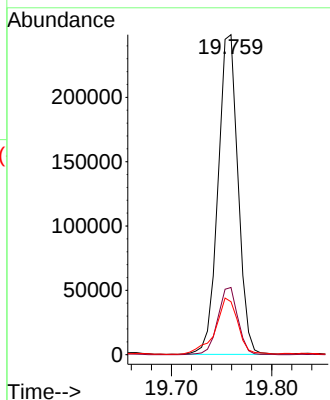
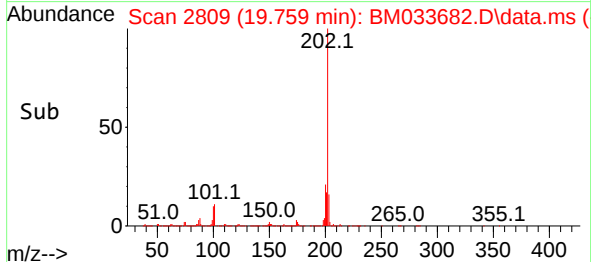
Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7



Tgt Ion:202 Resp: 342779  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.4 24.6  
203 16.6 13.5 20.3

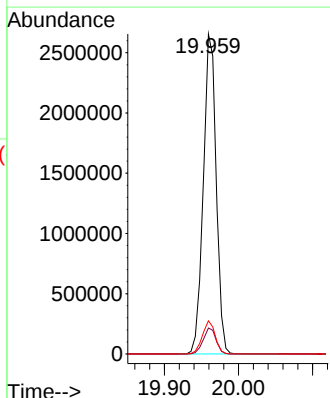
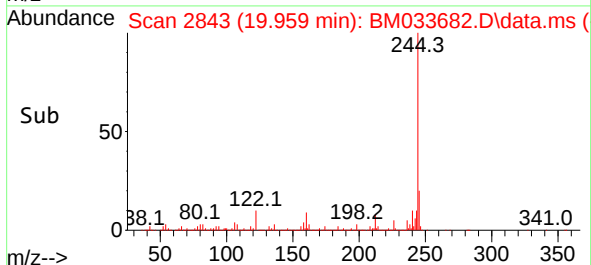
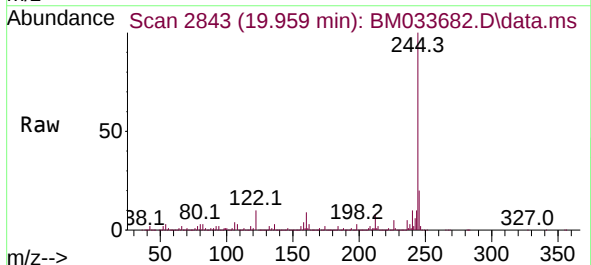
Manual Integrations  
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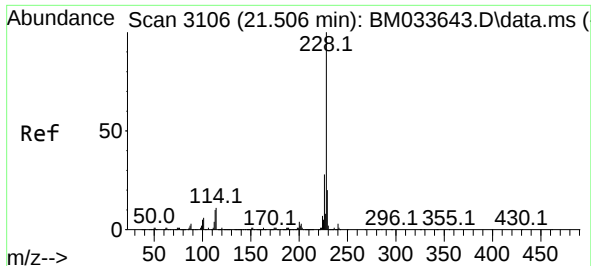
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022



#79  
Terphenyl-d14  
Concen: 57.676 ng  
RT: 19.959 min Scan# 2843  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

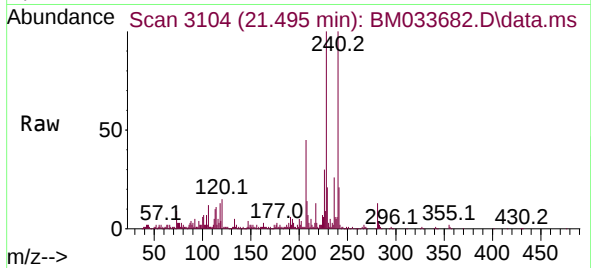
Tgt Ion:244 Resp: 3208041  
Ion Ratio Lower Upper  
244 100  
212 8.1 5.9 8.9  
122 10.3 8.4 12.6





#81  
Benzo(a)anthracene  
Concen: 2.602 ng  
RT: 21.495 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

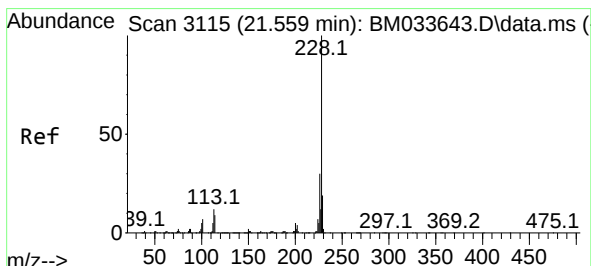
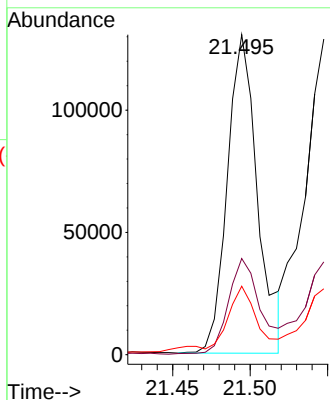
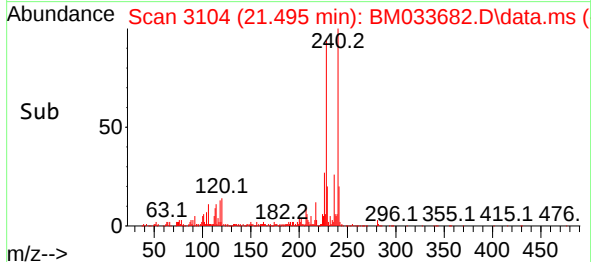
Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7



Tgt Ion:228 Resp: 176629  
Ion Ratio Lower Upper  
228 100  
226 30.0 21.0 31.6  
229 21.4 15.5 23.3

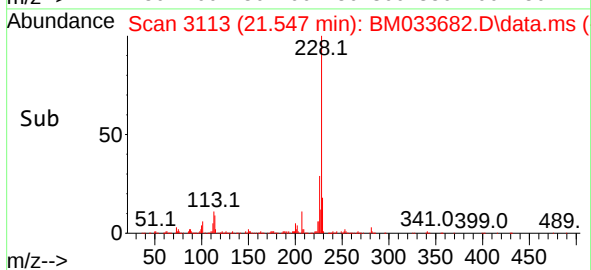
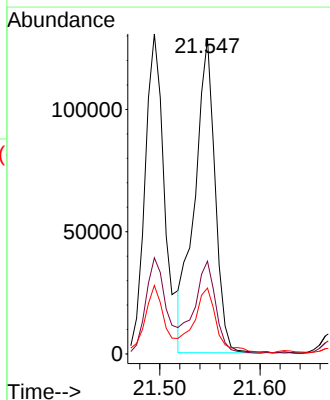
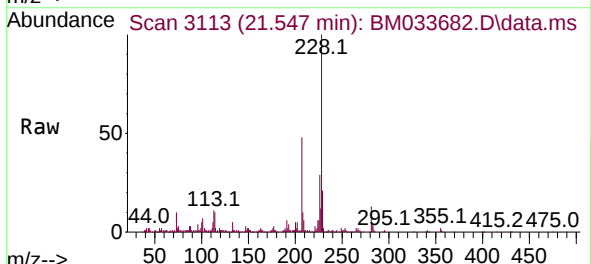
Manual Integrations  
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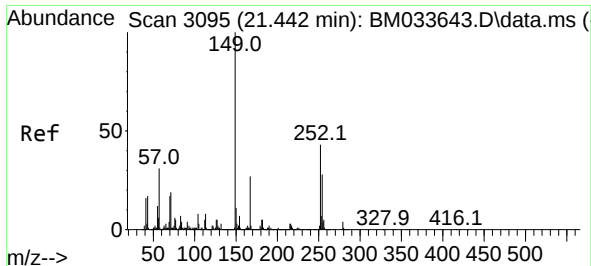
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022



#83  
Chrysene  
Concen: 2.811 ng  
RT: 21.547 min Scan# 3113  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

Tgt Ion:228 Resp: 182658  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.8 35.8  
229 20.9 15.8 23.8





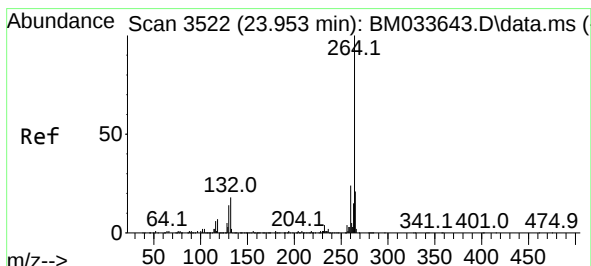
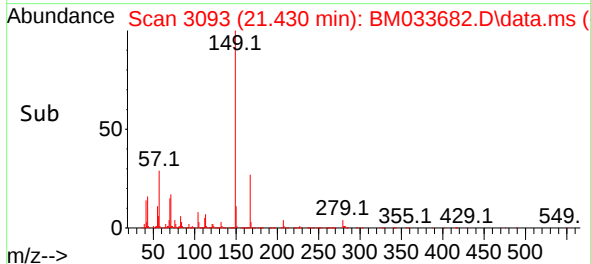
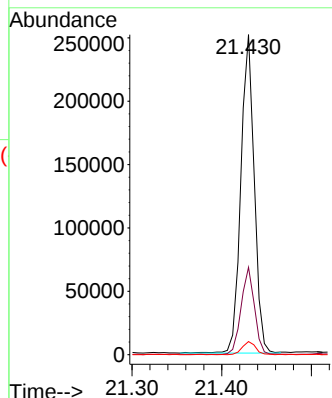
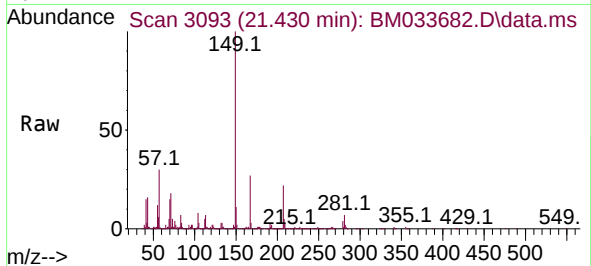
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.424 ng  
RT: 21.430 min Scan# 3093  
Delta R.T. -0.012 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7

Tgt Ion:149 Resp: 260140  
Ion Ratio Lower Upper  
149 100  
167 27.3 21.4 32.0  
279 4.1 3.0 4.6

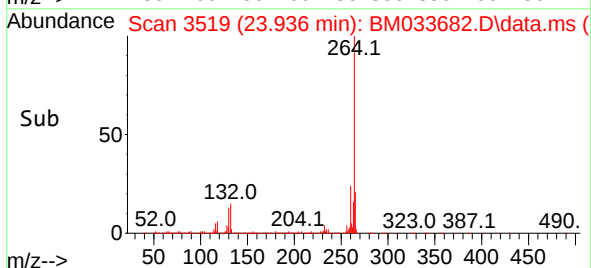
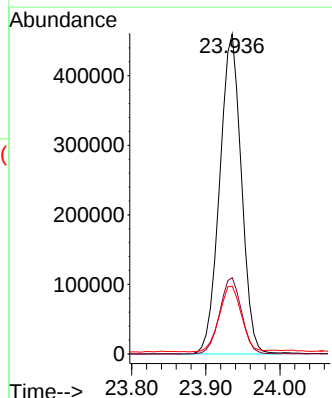
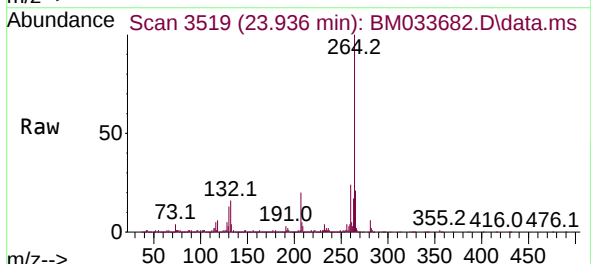
Manual Integrations  
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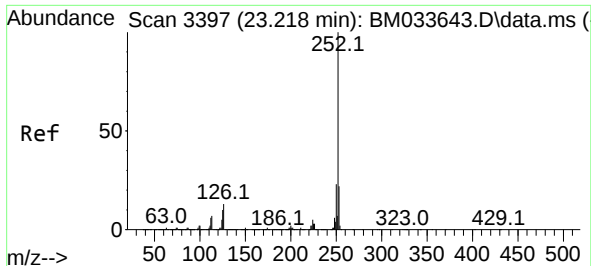
Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.936 min Scan# 3519  
Delta R.T. -0.018 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

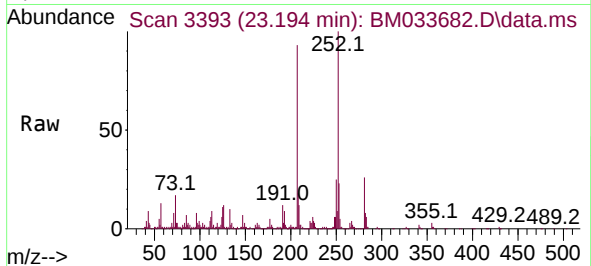
Tgt Ion:264 Resp: 934906  
Ion Ratio Lower Upper  
264 100  
260 23.9 17.7 26.5  
265 21.2 17.7 26.5





#88  
Benzo(b)fluoranthene  
Concen: 3.987 ng m  
RT: 23.194 min Scan# 31  
Delta R.T. -0.024 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

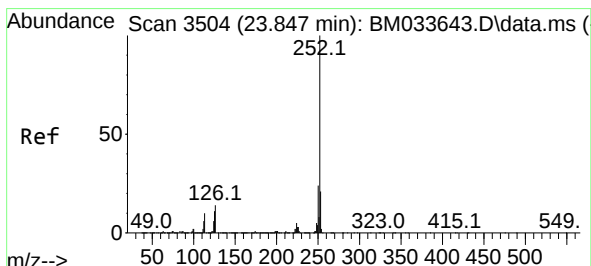
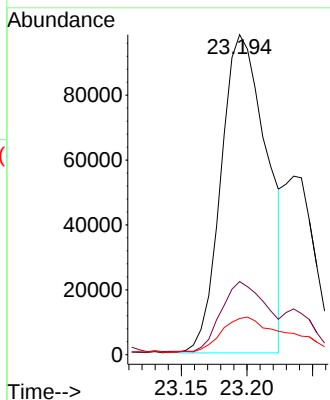
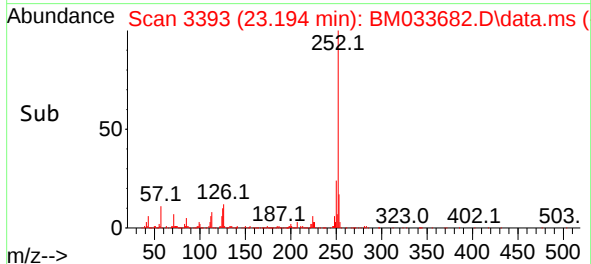
Instrument :  
BNA\_M  
ClientSampleId :  
AMI-7



Tgt Ion:252 Resp: 237634  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.1 25.7  
125 11.3 7.4 11.2

Manual Integrations  
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Reviewed By :Christian Giraldo 01/10/2022  
Supervised By :Jagrut Upadhyay 01/10/2022



#90  
Benzo(a)pyrene  
Concen: 2.883 ng  
RT: 23.824 min Scan# 3500  
Delta R.T. -0.024 min  
Lab File: BM033682.D  
Acq: 07 Jan 2022 23:05

Tgt Ion:252 Resp: 142635  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.5 26.3  
125 12.7 7.8 11.8

