

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\  
 Data File : BM024674.D  
 Acq On : 31 Jan 2020 00:31  
 Operator : CG/JU  
 Sample : L1287-01DL 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AOC-3-EXC-PIT-(0-5)-ADL

Manual Integrations  
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 2/3/2020 7:55:44 AM

Quant Time: Jan 31 03:04:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 184247   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.19 | 136  | 698225   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.08 | 164  | 479725   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 16.83 | 188  | 1125974  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.04 | 240  | 1223096  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.15 | 264  | 1447682  | 20.00 | ng    | -0.01    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.07  | 112 | 193373 | 19.96 | ng | -0.01 |
| 7) Phenol-d6                | 6.62  | 99  | 244229 | 18.30 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.56  | 82  | 158306 | 11.12 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 15.57 | 330 | 160695 | 20.59 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 12.69 | 172 | 397914 | 11.28 | ng | -0.02 |
| 79) Terphenyl-d14           | 19.49 | 244 | 741294 | 11.31 | ng | -0.02 |

|                                |       |     |          |        |    |      |
|--------------------------------|-------|-----|----------|--------|----|------|
| Target Compounds               |       |     |          | Qvalue |    |      |
| 31) Naphthalene                | 10.23 | 128 | 173208   | 4.912  | ng | 98   |
| 37) 2-Methylnaphthalene        | 11.86 | 142 | 297381   | 10.927 | ng | 97   |
| 38) 1-Methylnaphthalene        | 12.09 | 142 | 867278   | 33.501 | ng | 99   |
| 49) Acenaphthylene             | 13.79 | 152 | 453376   | 10.333 | ng | # 97 |
| 52) Acenaphthene               | 14.15 | 154 | 643105   | 23.621 | ng | 98   |
| 58) Fluorene                   | 15.13 | 166 | 677971   | 18.169 | ng | 99   |
| 71) Phenanthrene               | 16.87 | 178 | 3115760  | 51.100 | ng | 99   |
| 72) Anthracene                 | 16.96 | 178 | 1038768  | 17.411 | ng | 99   |
| 75) Fluoranthene               | 18.90 | 202 | 1920137  | 25.231 | ng | 97   |
| 78) Pyrene                     | 19.26 | 202 | 2704123  | 33.537 | ng | 99   |
| 80) Butylbenzylphthalate       | 20.20 | 149 | 101429   | 2.998  | ng | 93   |
| 81) Benzo(a)anthracene         | 21.03 | 228 | 1267591m | 14.932 | ng |      |
| 83) Chrysene                   | 21.07 | 228 | 1179264  | 14.558 | ng | 97   |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 175352   | 3.513  | ng | # 95 |
| 86) Indeno(1,2,3-cd)pyrene     | 25.21 | 276 | 483151   | 5.472  | ng | 96   |
| 88) Benzo(b)fluoranthene       | 22.53 | 252 | 1053051m | 11.215 | ng |      |
| 89) Benzo(k)fluoranthene       | 22.57 | 252 | 372498m  | 4.064  | ng |      |
| 90) Benzo(a)pyrene             | 23.06 | 252 | 976520   | 11.439 | ng | 98   |
| 92) Benzo(a,h,i)perylene       | 25.83 | 276 | 470166   | 6.391  | ng | 97   |

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

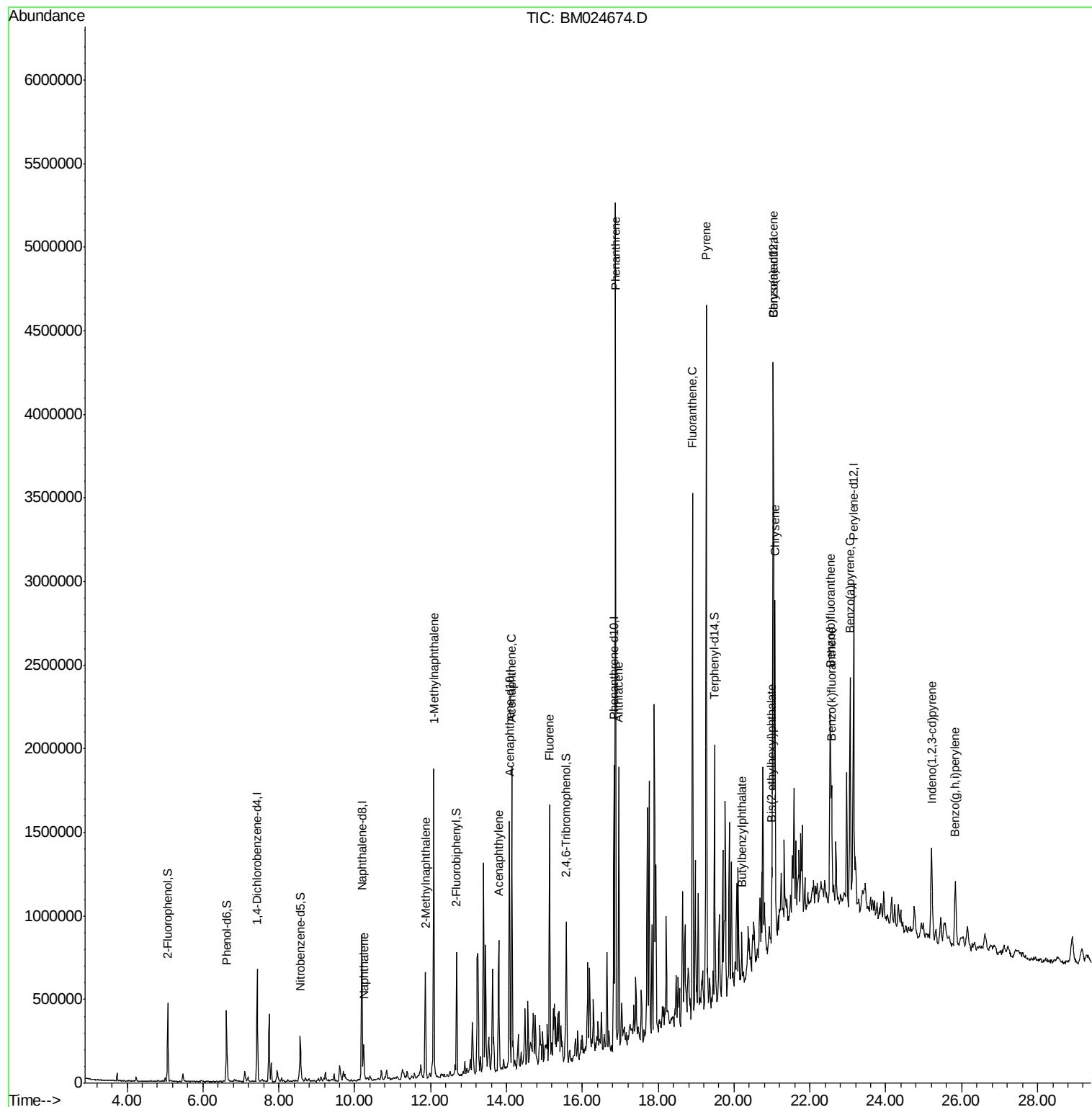
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\  
Data File : BM024674.D  
Acq On : 31 Jan 2020 00:31  
Operator : CG/JU  
Sample : L1287-01DL 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

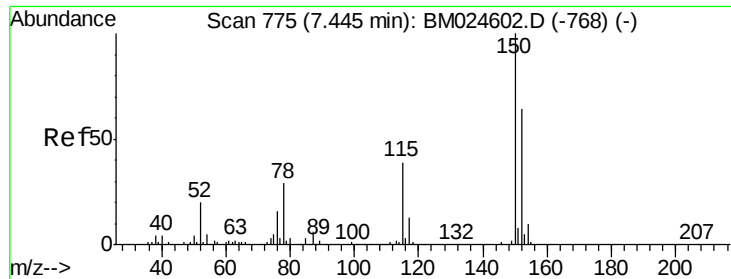
Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

Manual Integrations  
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2/3/2020 7:55:44 AM

Quant Time: Jan 31 03:04:17 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 23 14:57:07 2020  
Response via : Initial Calibration





#1

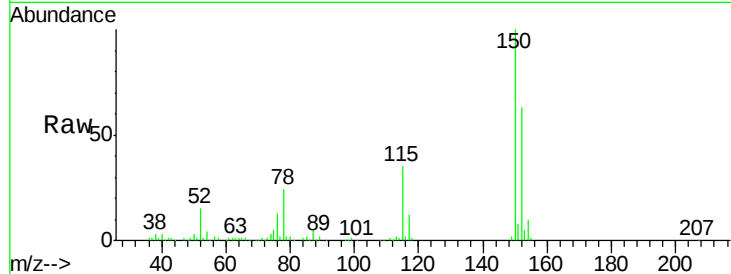
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.43 min Scan# 772  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.0 | 124.2 | 186.4 |
| 115     | 56.6  | 48.6  | 72.8  |

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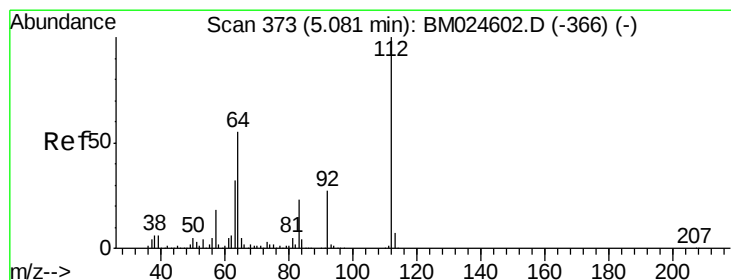
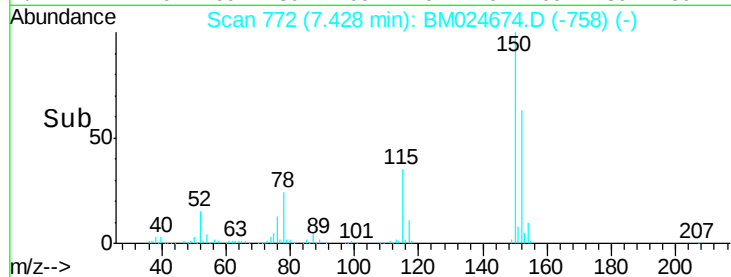
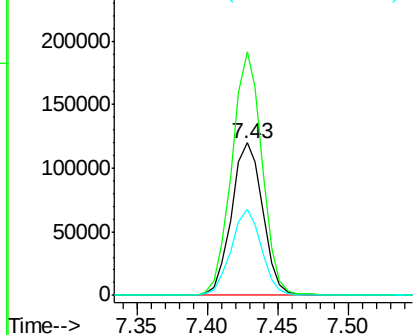


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

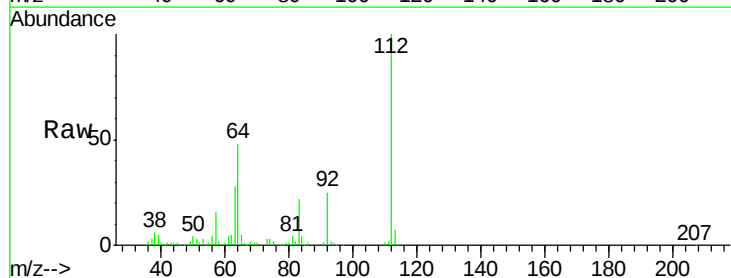
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 19.960 ng  
RT: 5.07 min Scan# 371  
Delta R.T. -0.01 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 48.4  | 44.2  | 66.4  |
| 63      | 28.4  | 25.9  | 38.9  |

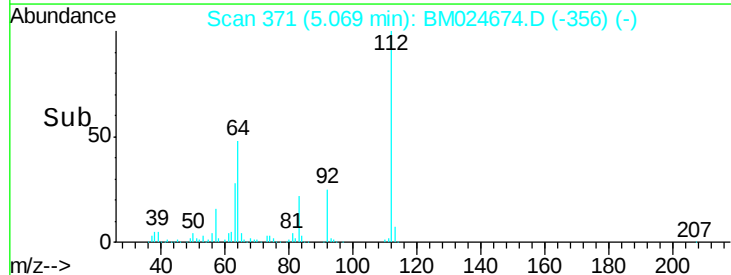
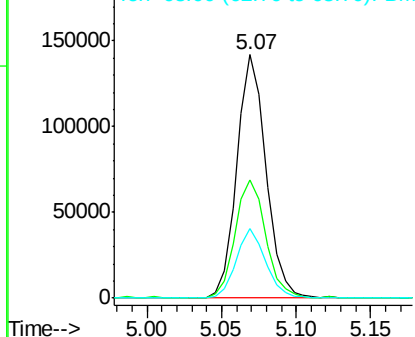


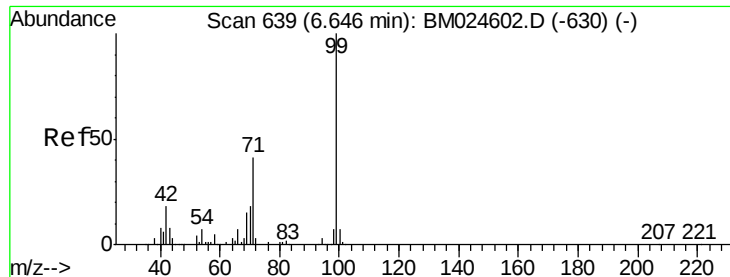
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 18.299 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

Instrument :

BNA\_M

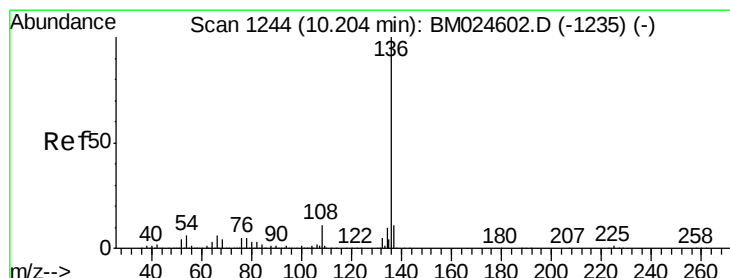
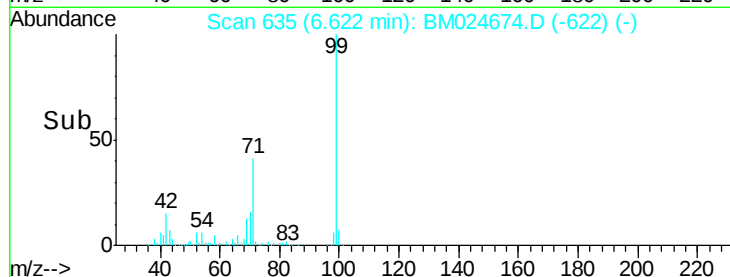
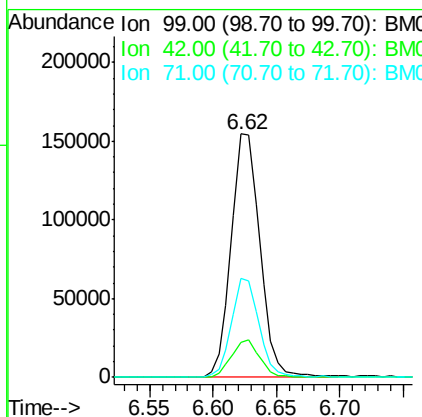
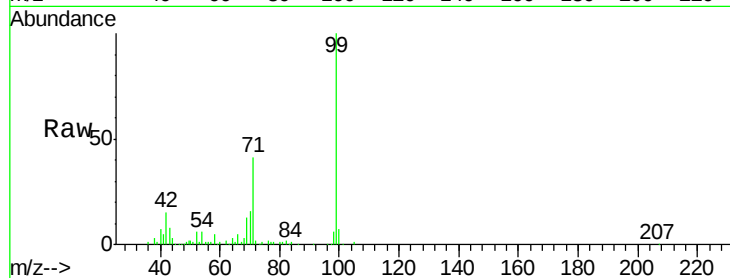
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-ADL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 244229 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.6  | 14.1  | 21.1   |
| 71        | 40.6  | 33.0  | 49.6   |

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#21

Naphthalene-d8

Concen: 20.000 ng

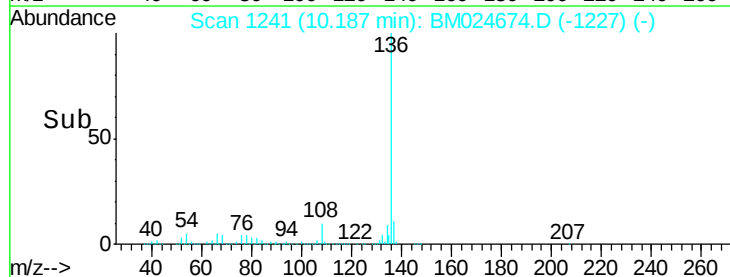
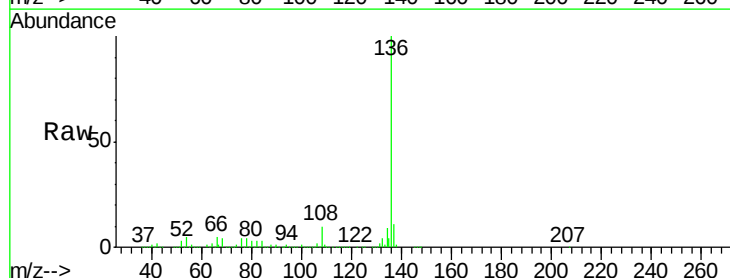
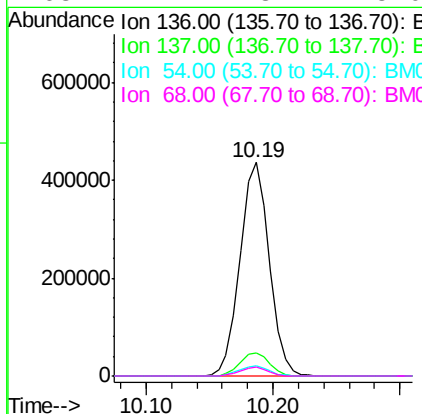
RT: 10.19 min Scan# 1241

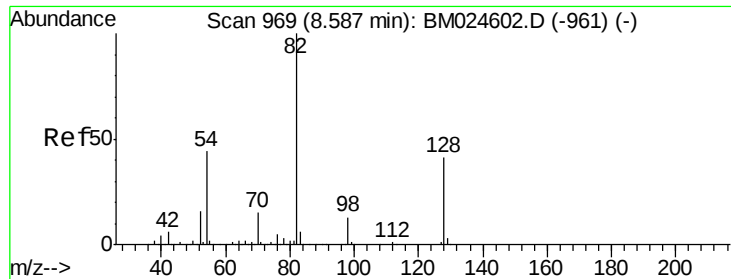
Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 698225 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.6   | 13.0   |
| 54        | 4.8   | 4.5   | 6.7    |
| 68        | 4.2   | 3.4   | 5.0    |





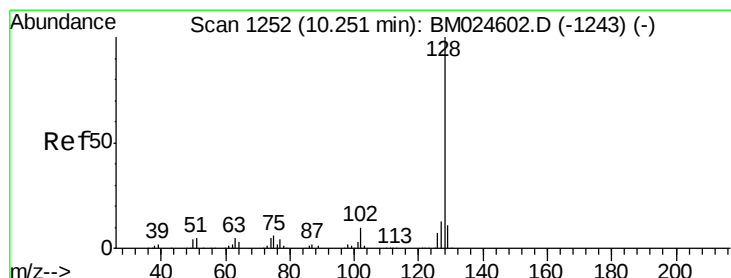
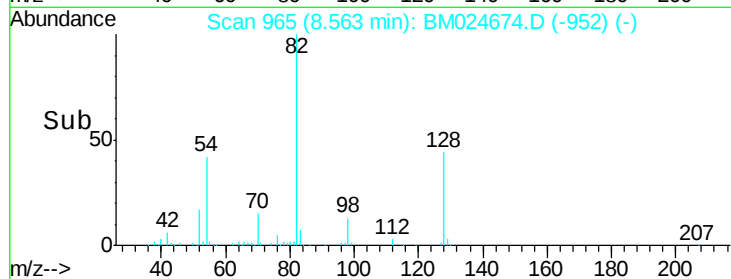
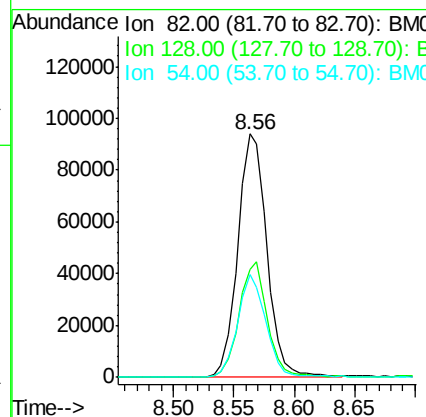
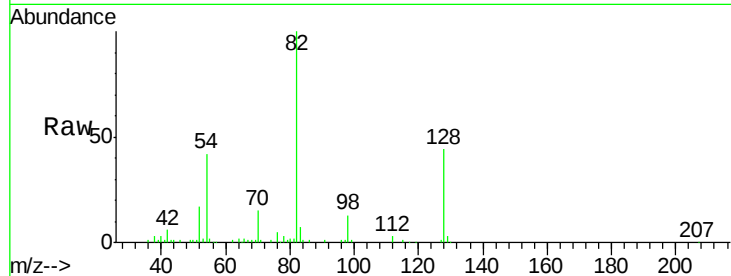
#23  
 Nitrobenzene-d5  
 Concen: 11.119 ng  
 RT: 8.56 min Scan# 965  
 Delta R.T. -0.02 min  
 Lab File: BM024674.D  
 Acq: 31 Jan 2020 00:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.1  | 32.6  | 48.8  |
| 54      | 42.2  | 34.8  | 52.2  |

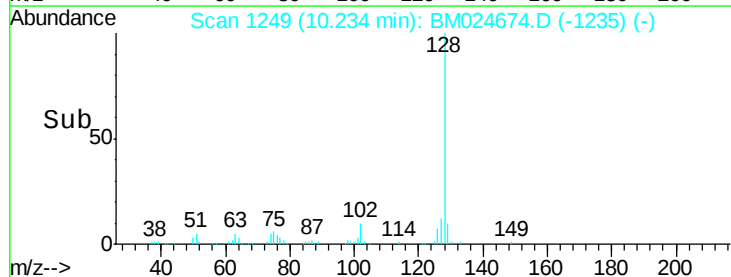
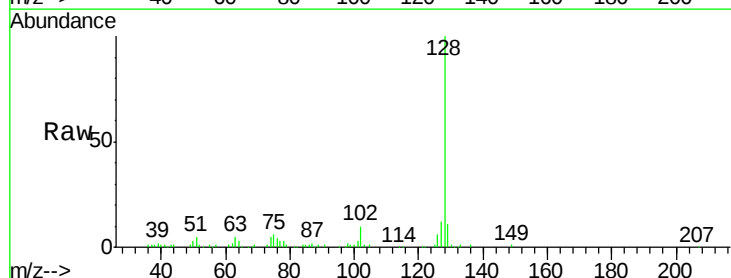
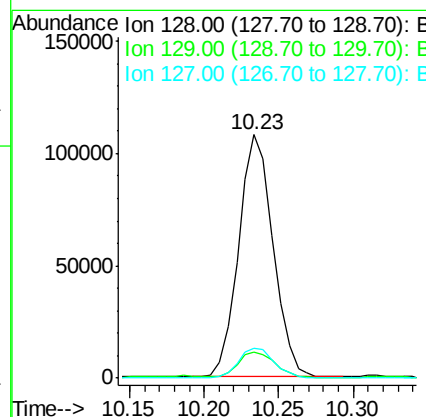
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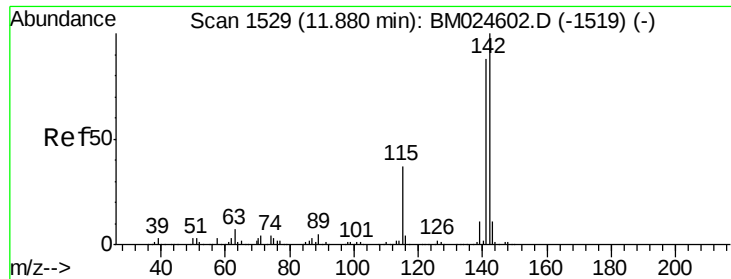
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#31  
 Naphthalene  
 Concen: 4.912 ng  
 RT: 10.23 min Scan# 1249  
 Delta R.T. -0.02 min  
 Lab File: BM024674.D  
 Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.8   | 13.2  |
| 127     | 12.4  | 10.6  | 15.8  |





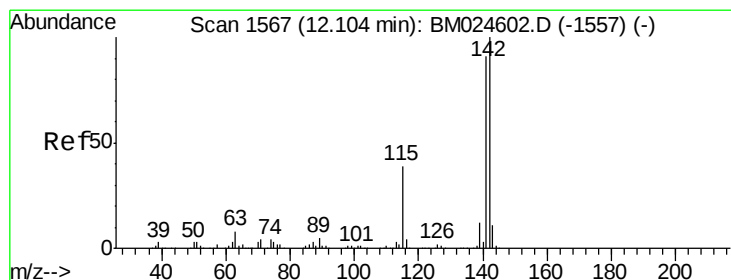
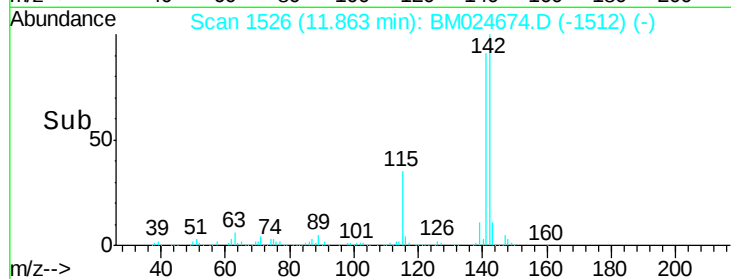
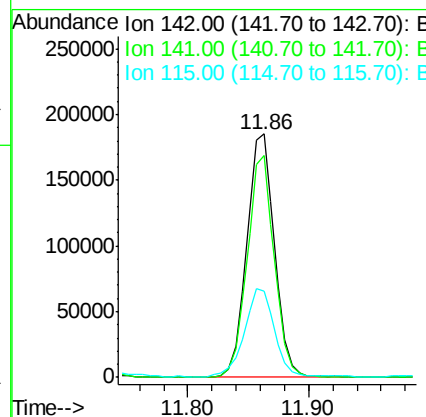
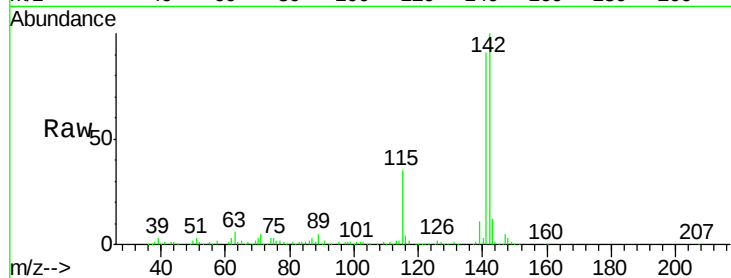
#37  
2-Methylnaphthalene  
Concen: 10.927 ng  
RT: 11.86 min Scan# 1526  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 70.2  | 105.2 |
| 115     | 35.5  | 29.7  | 44.5  |

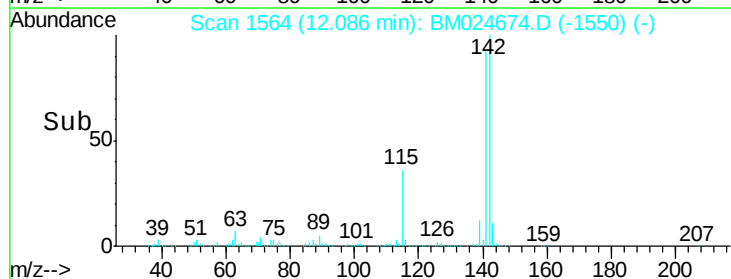
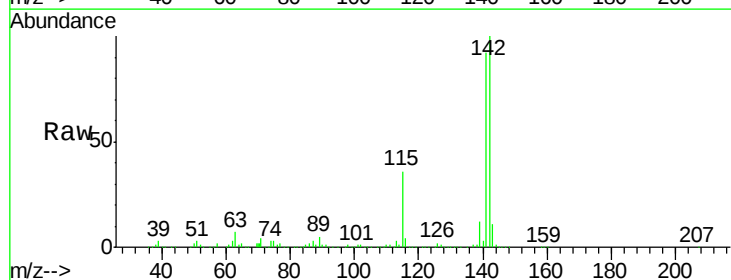
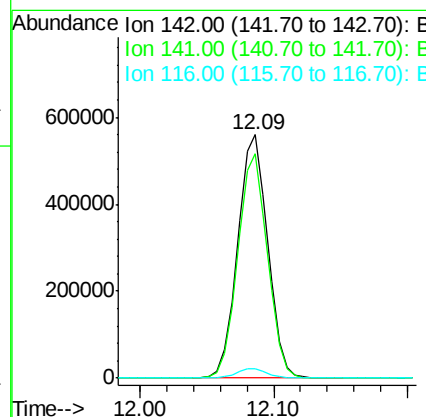
Manual Integrations  
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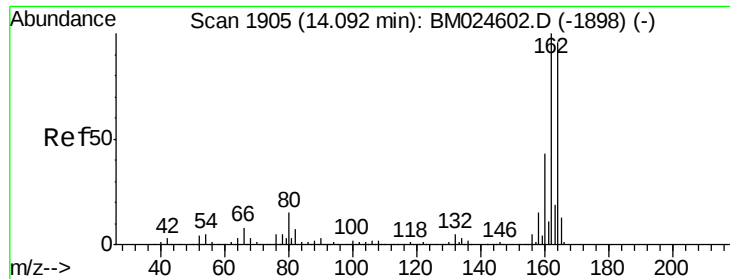
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#38  
1-Methylnaphthalene  
Concen: 33.501 ng  
RT: 12.09 min Scan# 1564  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 72.8  | 109.2 |
| 116     | 3.6   | 3.2   | 4.8   |





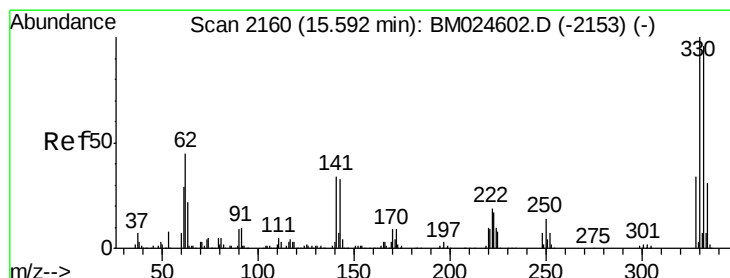
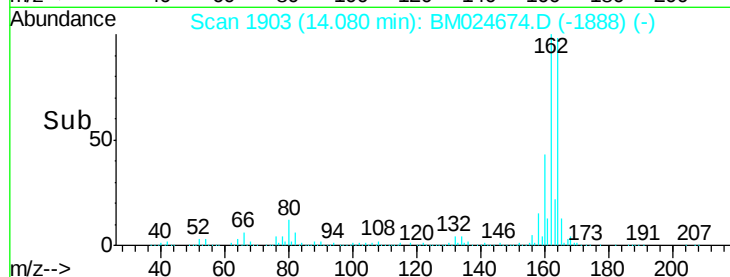
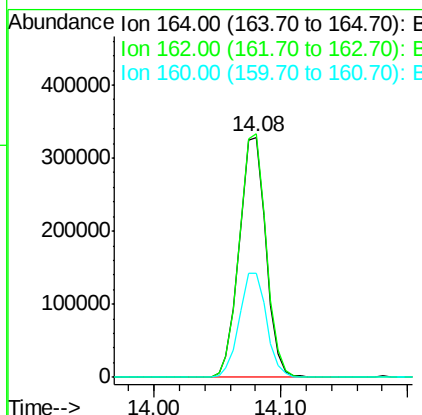
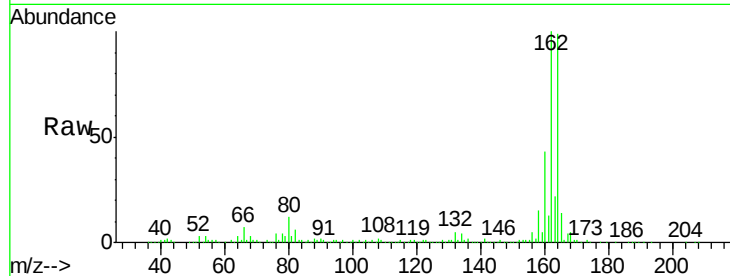
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Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.08 min Scan# 1903  
Delta R.T. -0.01 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.5 | 82.9 | 124.3 |       |
| 160     | 43.3  | 35.5 | 53.3  |       |

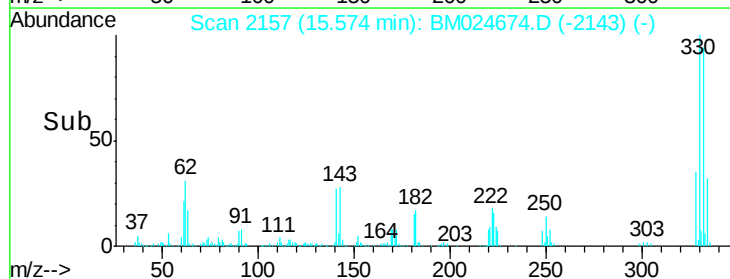
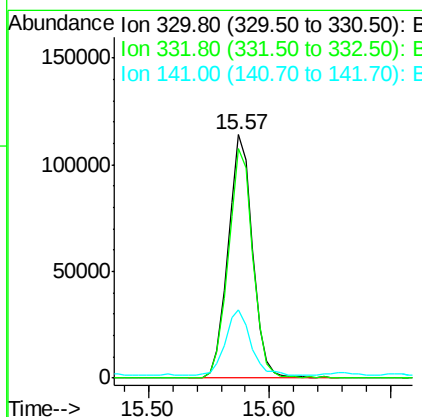
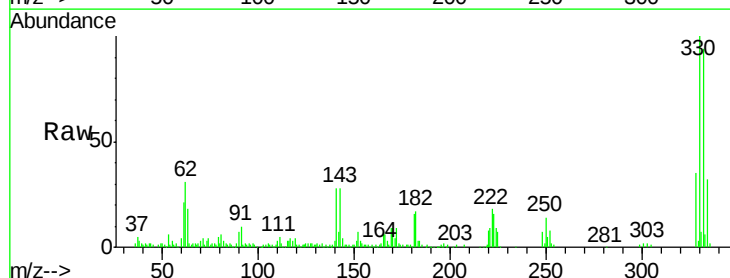
Manual Integrations  
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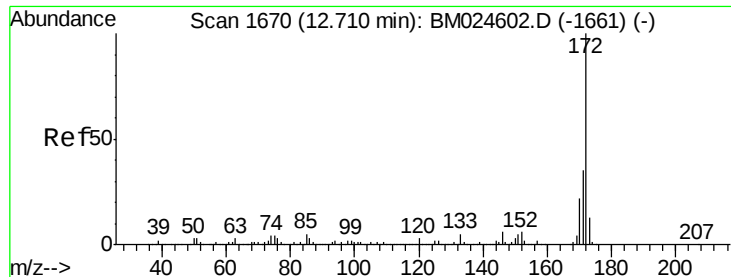
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2/3/2020 7:55:44 AM



#42  
2,4,6-Tribromophenol  
Concen: 20.593 ng  
RT: 15.57 min Scan# 2157  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 94.1  | 77.2 | 115.8 |       |
| 141     | 28.0  | 26.9 | 40.3  |       |





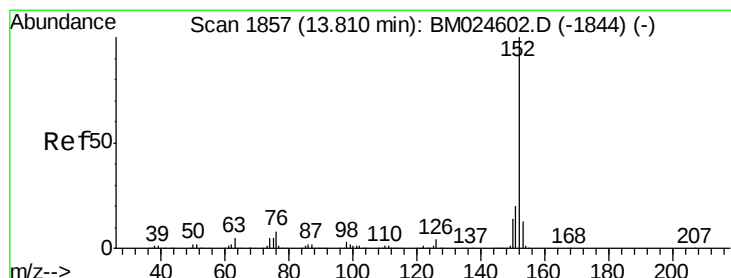
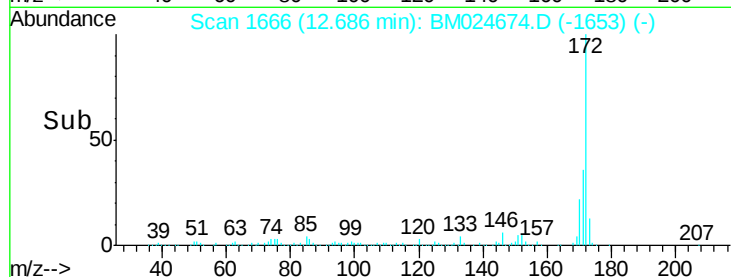
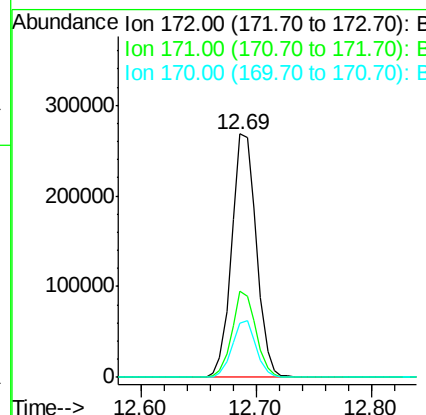
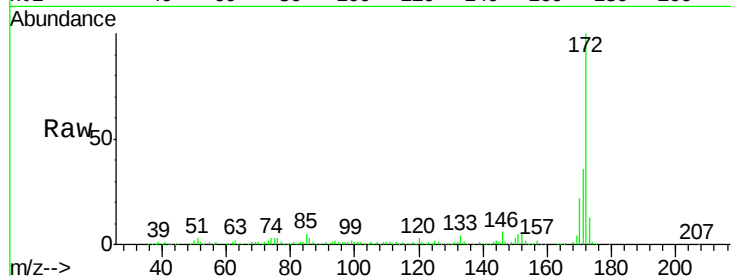
#45  
2-Fluorobiphenyl  
Concen: 11.277 ng  
RT: 12.69 min Scan# 1666  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 28.3  | 42.5  |
| 170     | 22.3  | 17.9  | 26.9  |

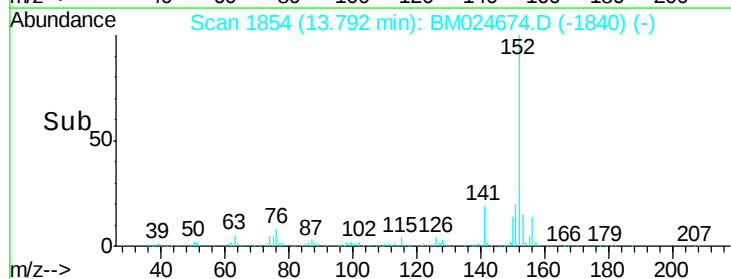
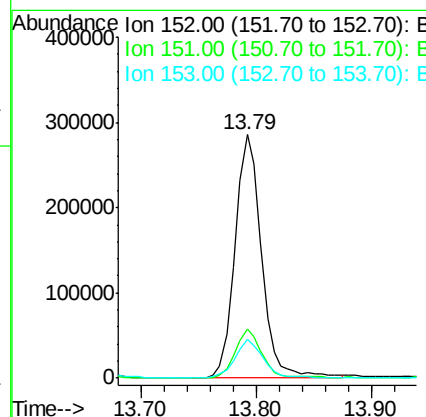
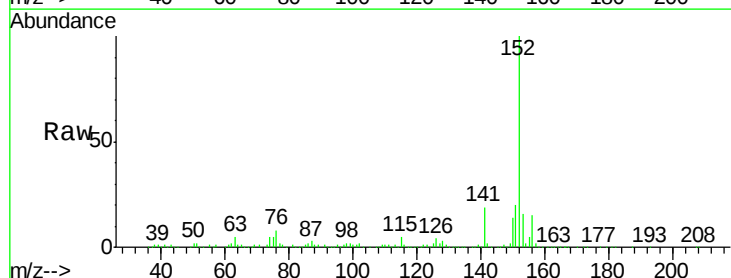
Manual Integrations  
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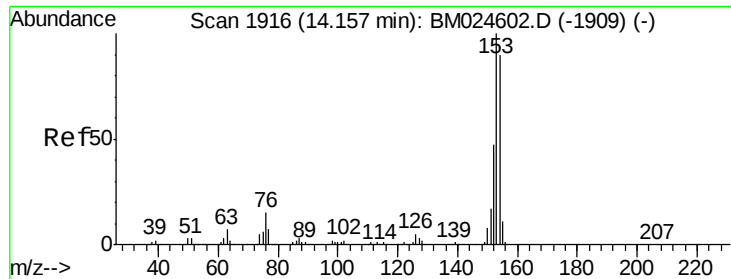
mohammad  
2/3/2020 7:55:44 AM



#49  
Acenaphthylene  
Concen: 10.333 ng  
RT: 13.79 min Scan# 1854  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 15.8  | 23.6  |
| 153     | 15.8  | 10.4  | 15.6# |





#52

Acenaphthene

Concen: 23.621 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

Instrument :

BNA\_M

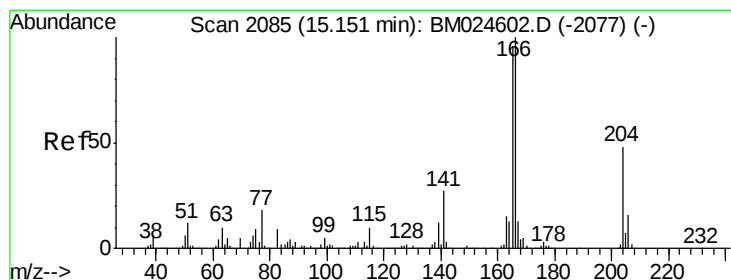
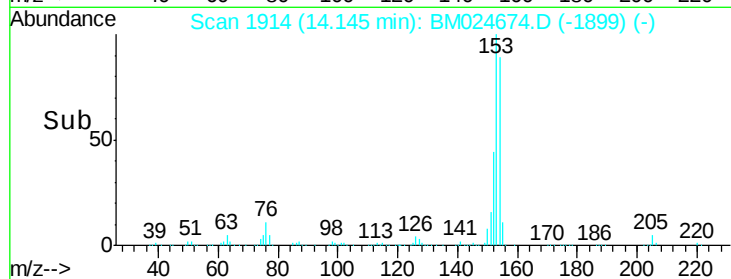
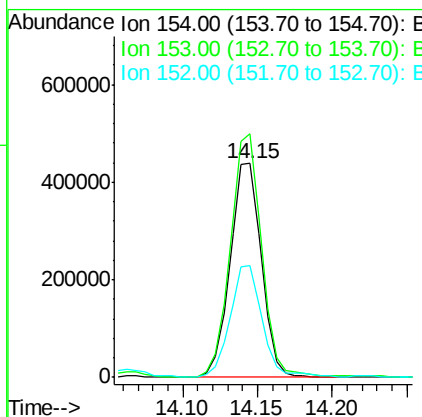
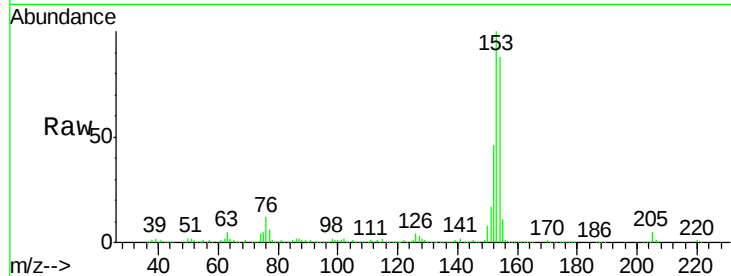
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-ADL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 643105 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 89.1  | 133.7  |
| 152       | 52.2  | 41.9  | 62.9   |

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#58

Fluorene

Concen: 18.169 ng

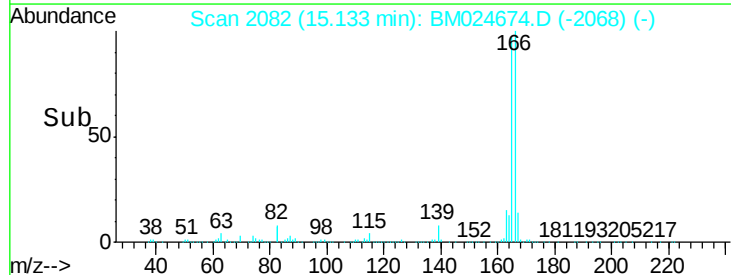
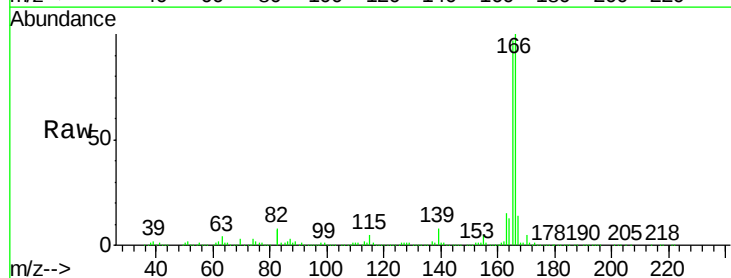
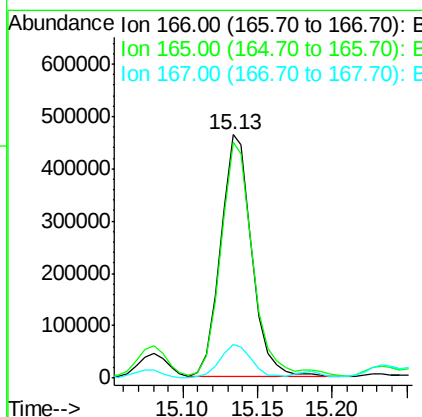
RT: 15.13 min Scan# 2082

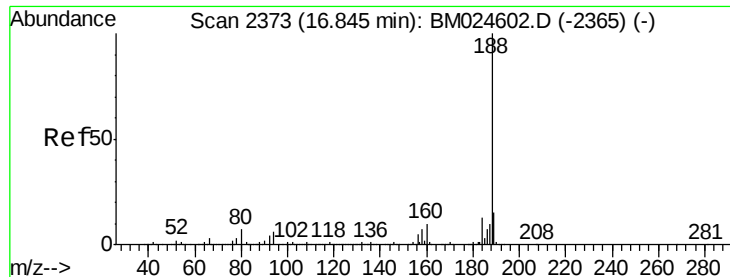
Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 677971 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.0  | 76.6  | 114.8  |
| 167       | 14.1  | 10.8  | 16.2   |





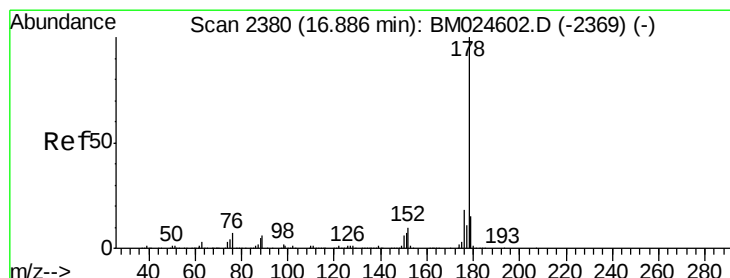
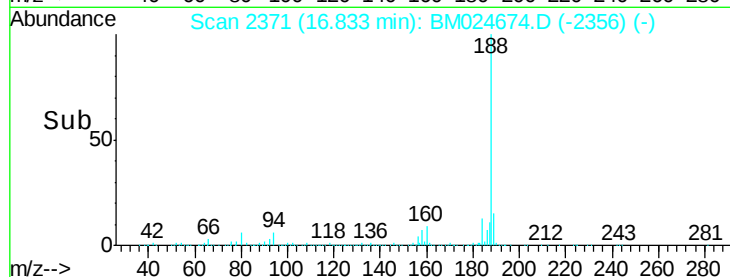
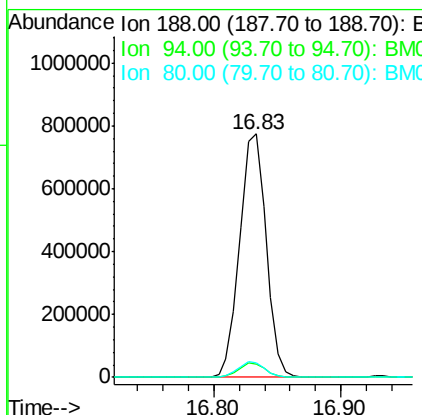
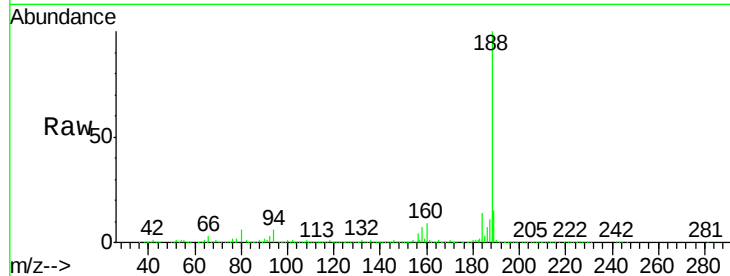
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.83 min Scan# 2371  
Delta R.T. -0.01 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

Tot Ion:188 Resp: 1125974  
Ion Ratio Lower Upper  
188 100  
94 5.6 5.0 7.6  
80 6.0 5.8 8.8

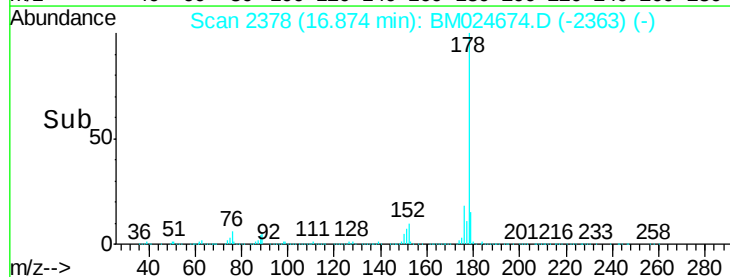
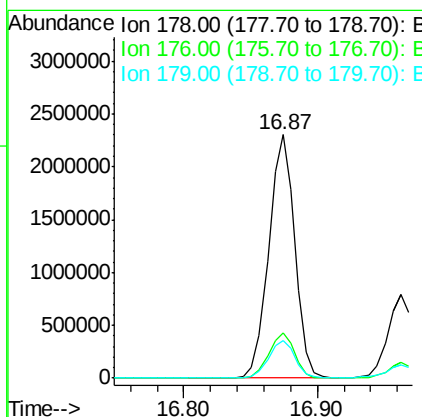
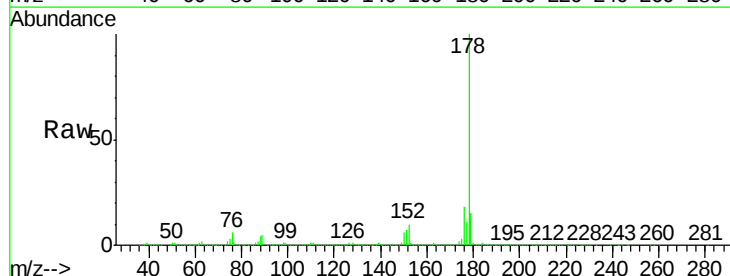
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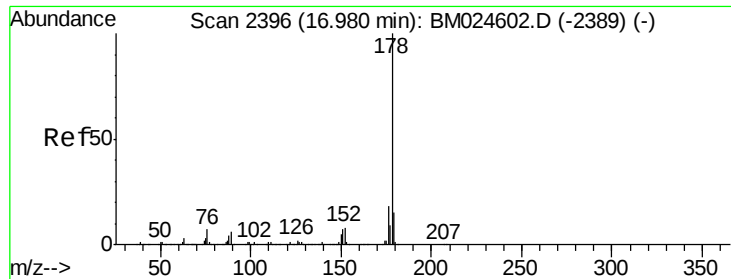
mohammad  
2/3/2020 7:55:44 AM



#71  
Phenanthrene  
Concen: 51.100 ng  
RT: 16.87 min Scan# 2378  
Delta R.T. -0.01 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Tgt Ion:178 Resp: 3115760  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.5 21.7  
179 15.2 11.9 17.9





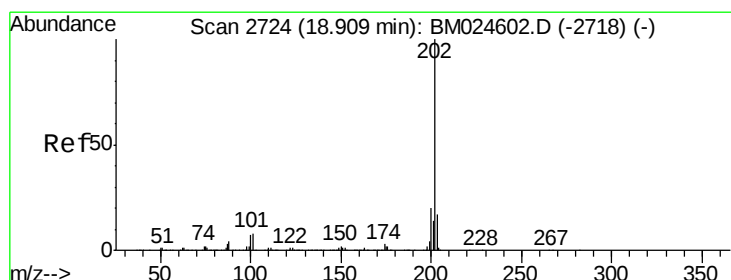
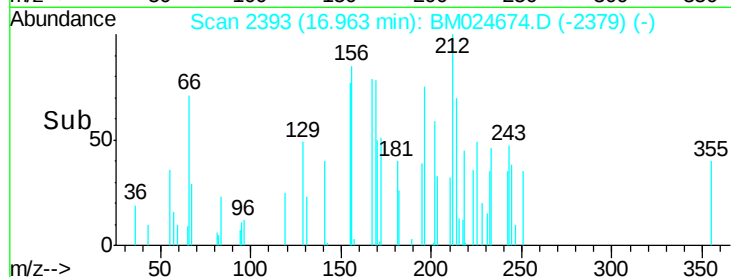
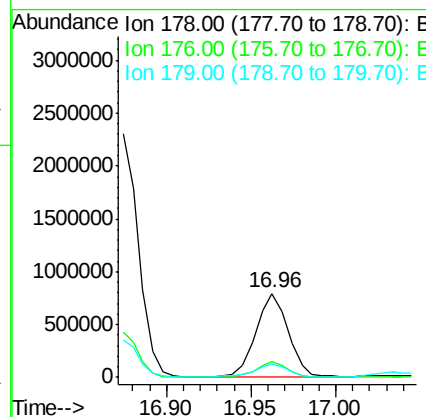
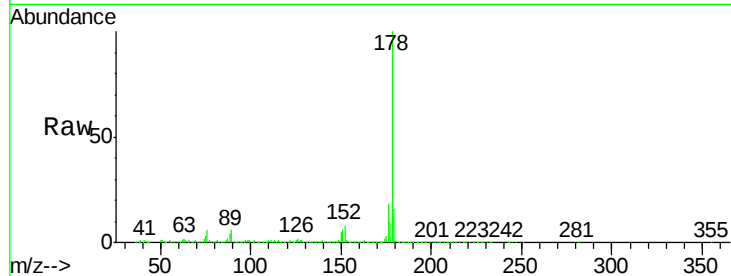
#72  
 Anthracene  
 Concen: 17.411 ng  
 RT: 16.96 min Scan# 2393  
 Delta R.T. -0.02 min  
 Lab File: BM024674.D  
 Acq: 31 Jan 2020 00:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 14.3  | 21.5  |
| 179     | 15.6  | 12.1  | 18.1  |

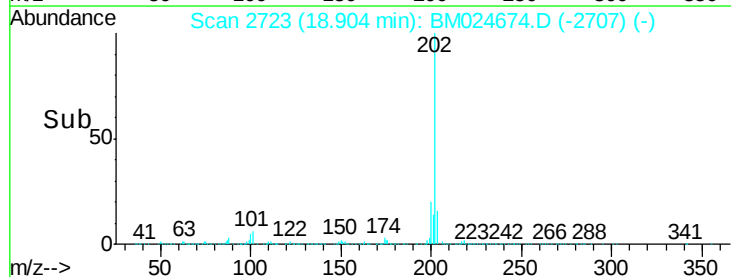
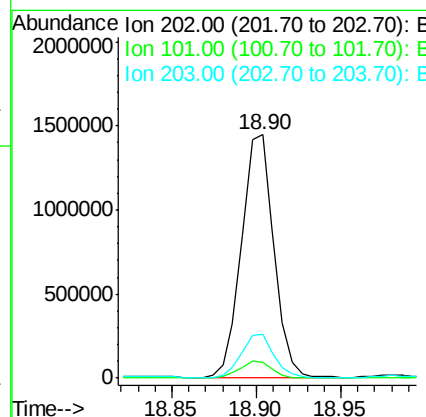
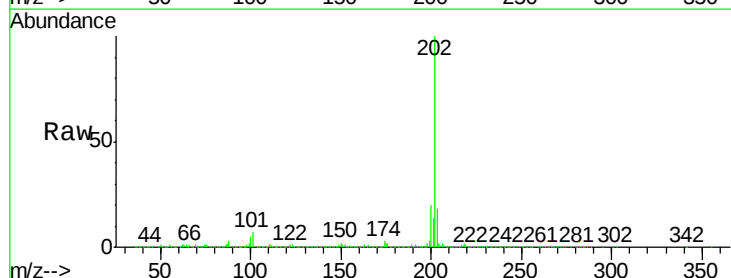
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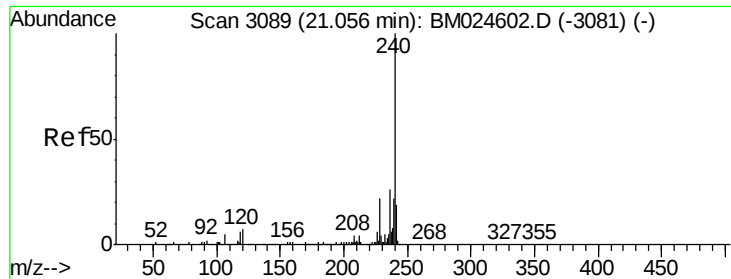
mohammad  
 2/3/2020 7:55:44 AM



#75  
 Fluoranthene  
 Concen: 25.231 ng  
 RT: 18.90 min Scan# 2723  
 Delta R.T. -0.01 min  
 Lab File: BM024674.D  
 Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.6   | 0.0   | 28.4  |
| 203     | 18.1  | 0.0   | 37.5  |





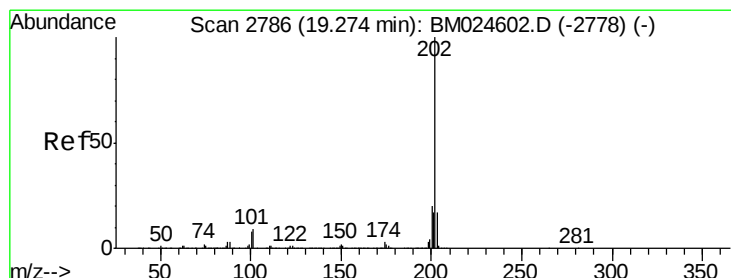
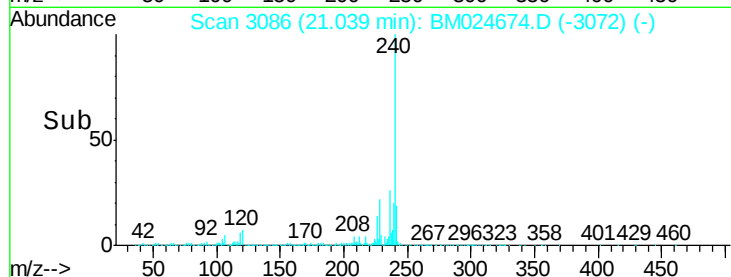
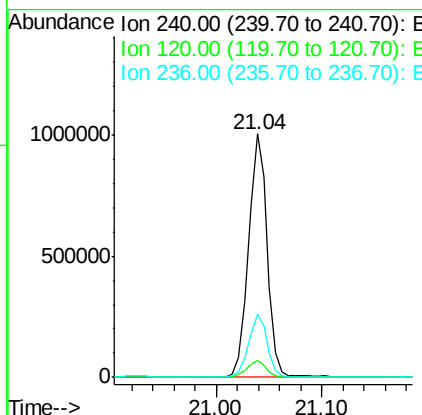
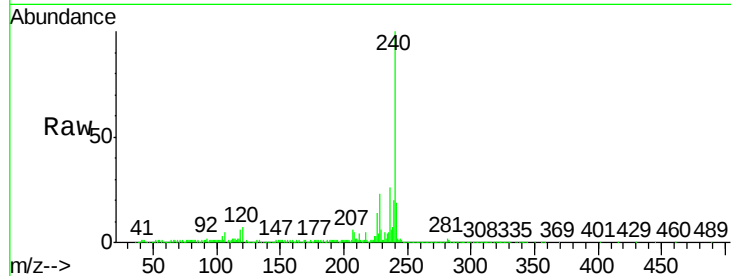
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.04 min Scan# 3086  
Delta R.T. -0.02 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

Tot Ion:240 Resp: 1223096  
Ion Ratio Lower Upper  
240 100  
120 7.1 5.3 7.9  
236 25.9 20.6 31.0

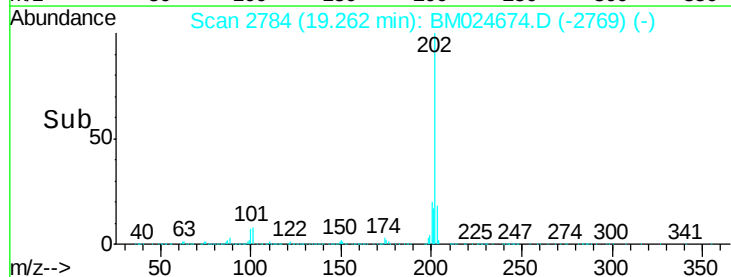
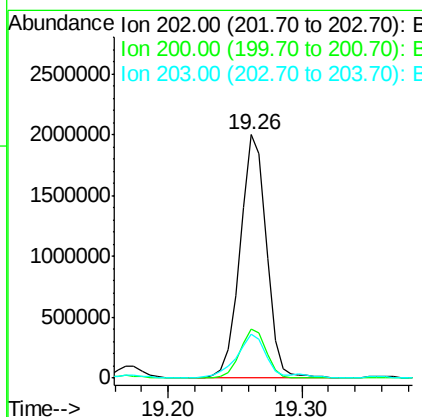
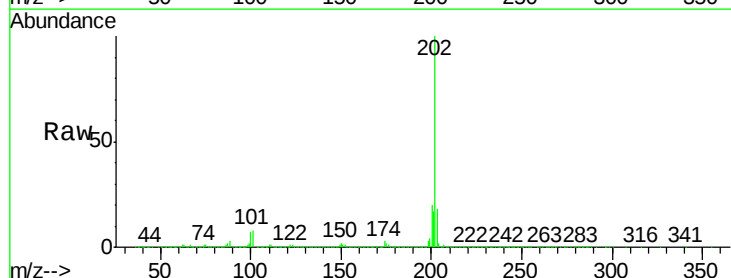
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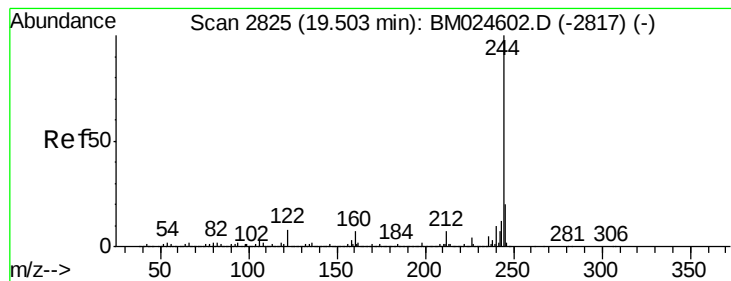
mohammad  
2/3/2020 7:55:44 AM



#78  
Pyrene  
Concen: 33.537 ng  
RT: 19.26 min Scan# 2784  
Delta R.T. -0.01 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Tgt Ion:202 Resp: 2704123  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.2 24.2  
203 18.3 14.0 21.0





#79

Terphenyl-d14

Concen: 11.315 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

Instrument :

BNA\_M

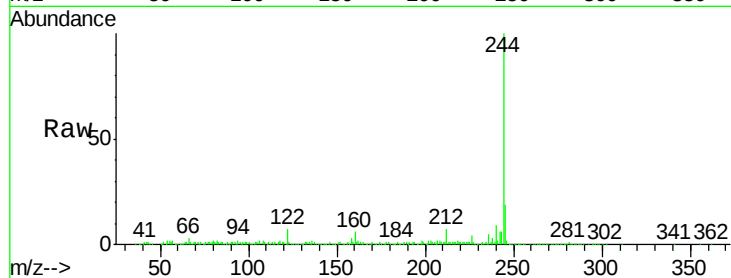
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-ADL

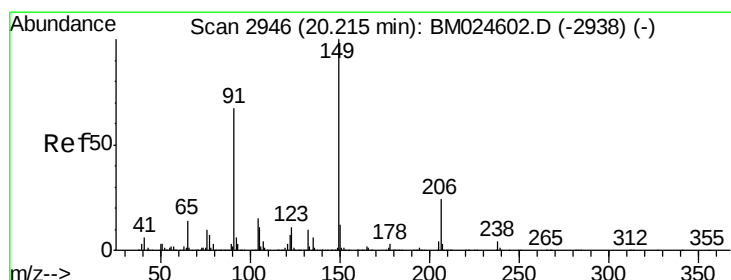
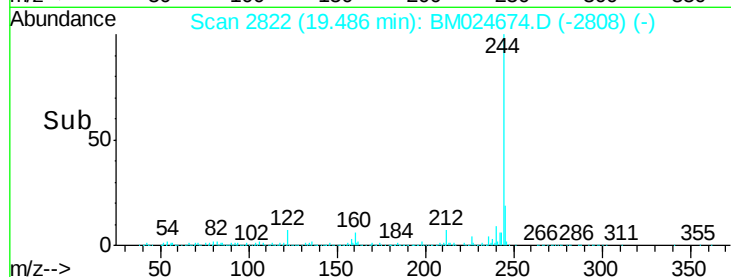
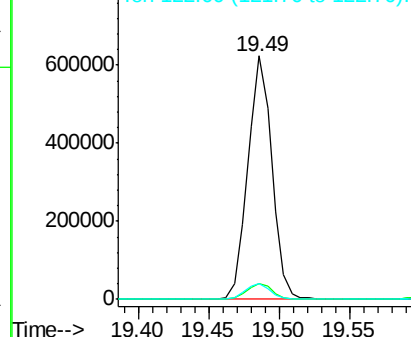
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 741294 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 6.7 | 5.4   | 8.2    |
| 122       | 6.7 | 6.2   | 9.4    |

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.998 ng

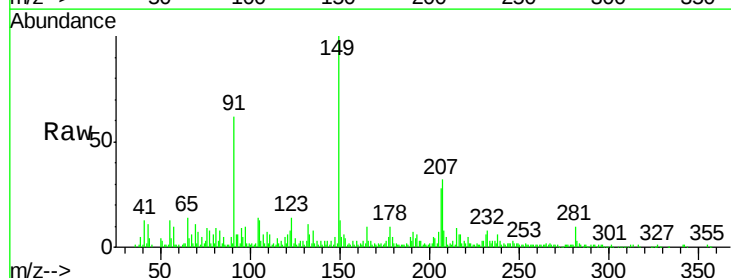
RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

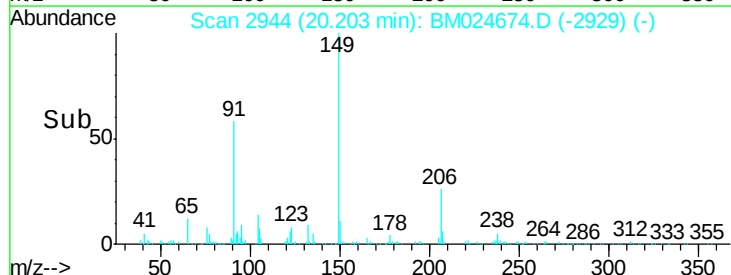
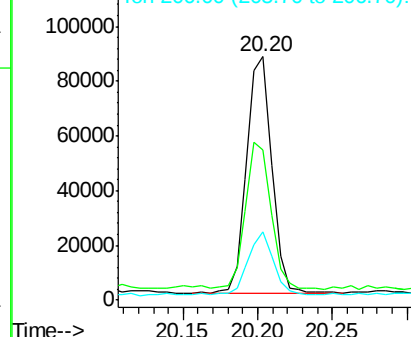
Lab File: BM024674.D

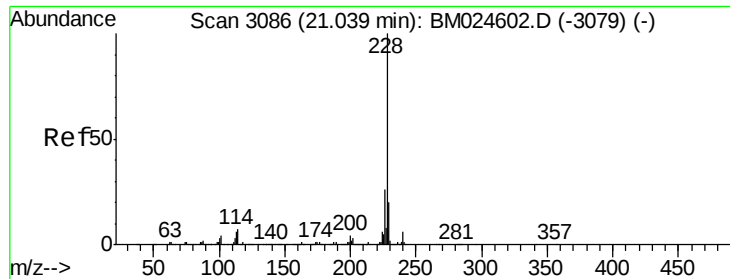
Acq: 31 Jan 2020 00:31

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 101429 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 61.8 | 53.9  | 80.9   |
| 206       | 28.1 | 19.0  | 28.6   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM0  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 14.932 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

Instrument :

BNA\_M

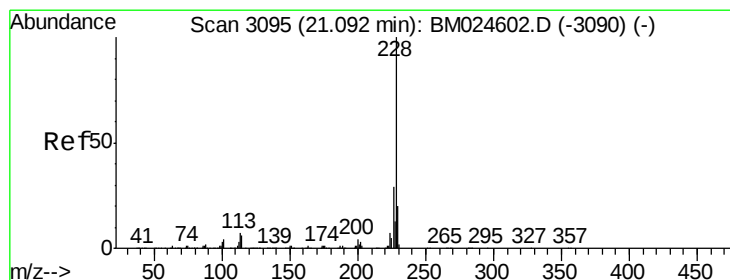
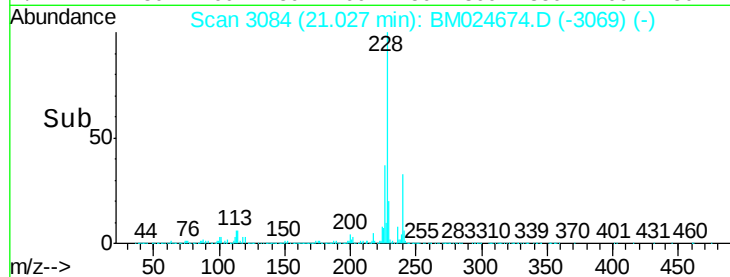
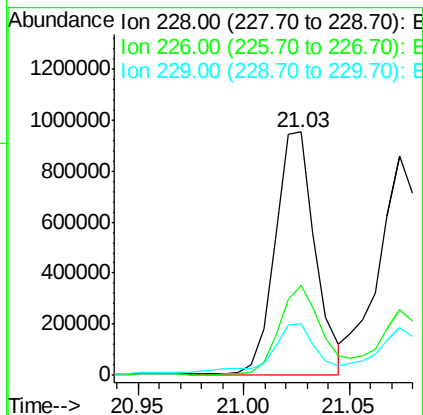
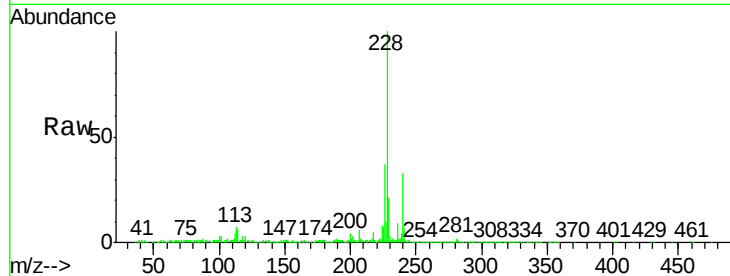
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-ADL

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1267591 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 36.9  | 21.1  | 31.7#   |
| 229      | 21.0  | 15.8  | 23.6    |

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#83

Chrysene

Concen: 14.558 ng

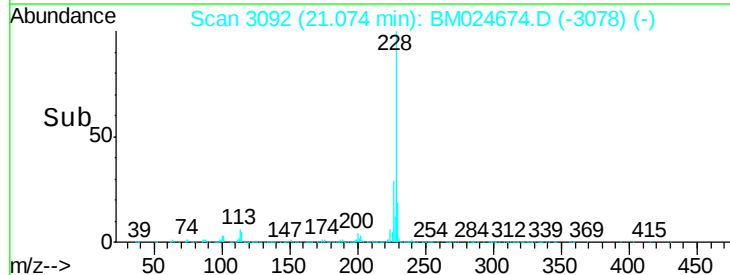
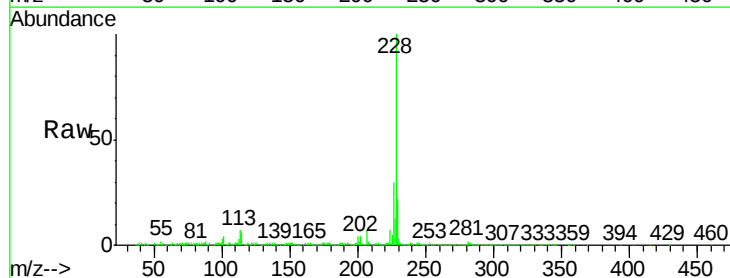
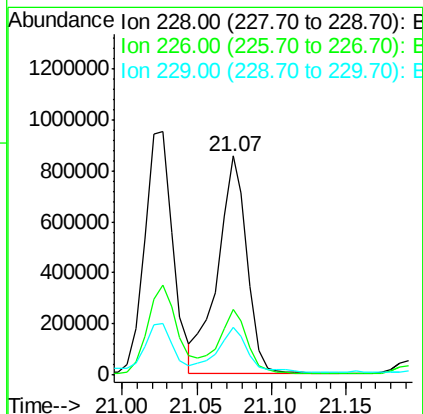
RT: 21.07 min Scan# 3092

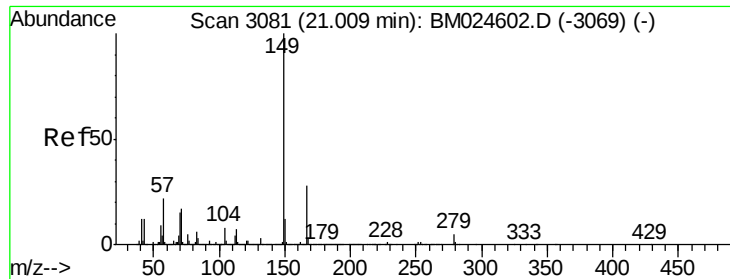
Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 228   | Resp: | 1179264 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 29.8  | 23.2  | 34.8    |
| 229      | 21.7  | 15.7  | 23.5    |





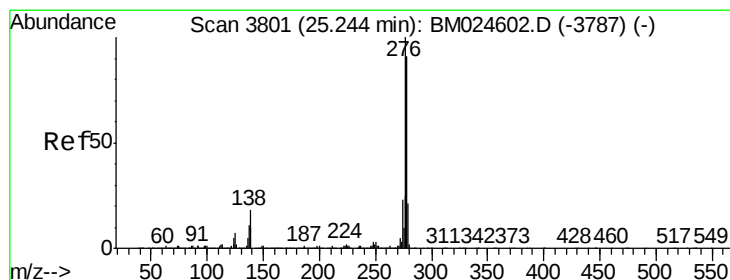
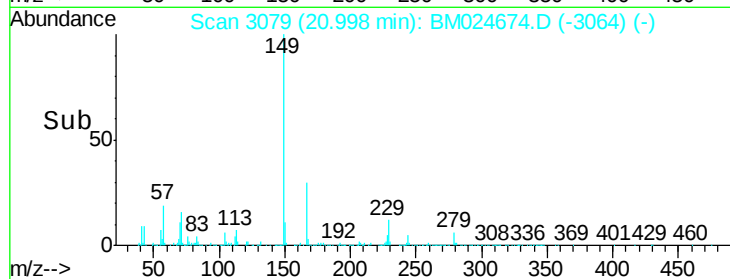
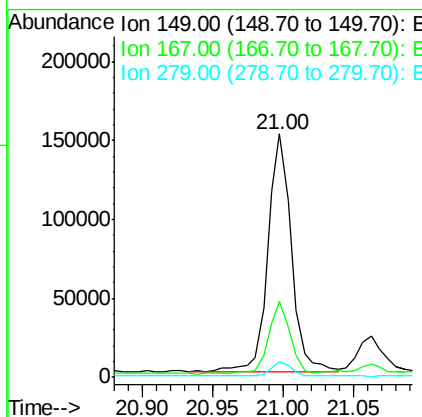
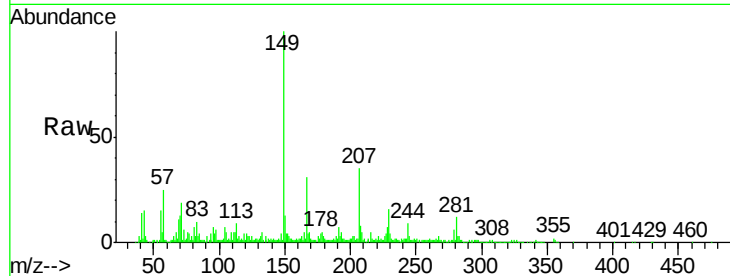
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.513 ng  
RT: 21.00 min Scan# 3079  
Delta R.T. -0.01 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

Instrument :  
BNA\_M  
ClientSampleId :  
AOC-3-EXC-PIT-(0-5)-ADL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.0  | 22.5  | 33.7  |
| 279     | 6.3   | 4.0   | 6.0   |

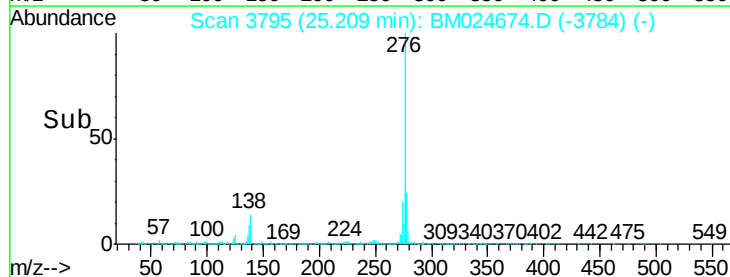
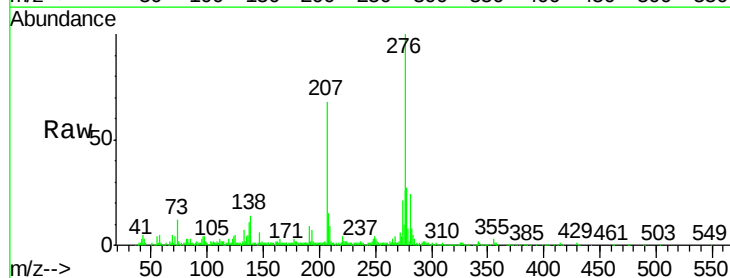
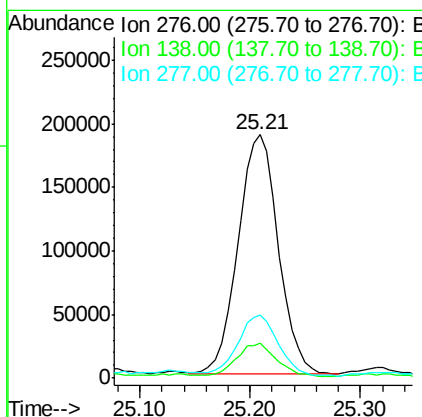
Manual Integrations  
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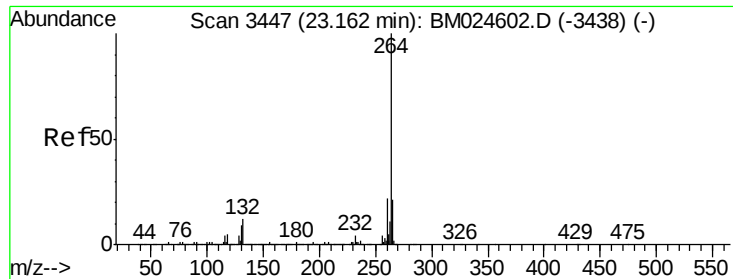
mohammad  
2/3/2020 7:55:44 AM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 5.472 ng  
RT: 25.21 min Scan# 3795  
Delta R.T. -0.04 min  
Lab File: BM024674.D  
Acq: 31 Jan 2020 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.5  | 13.4  | 20.0  |
| 277     | 25.4  | 19.6  | 29.4  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

Instrument :

BNA\_M

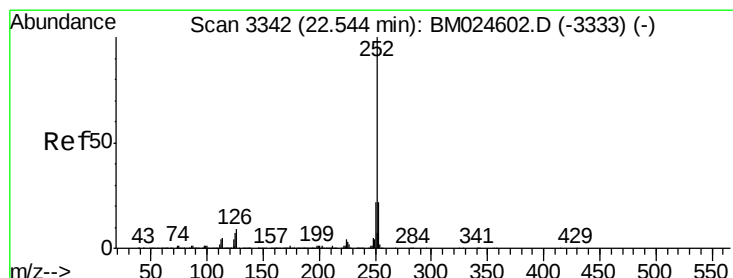
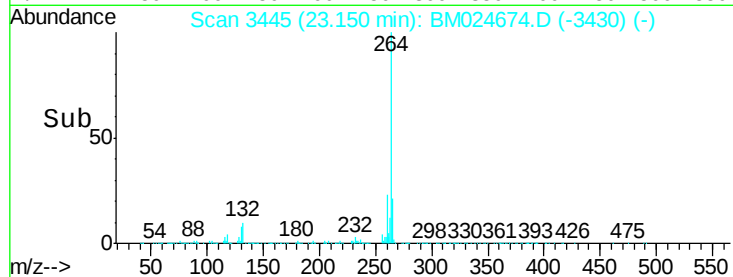
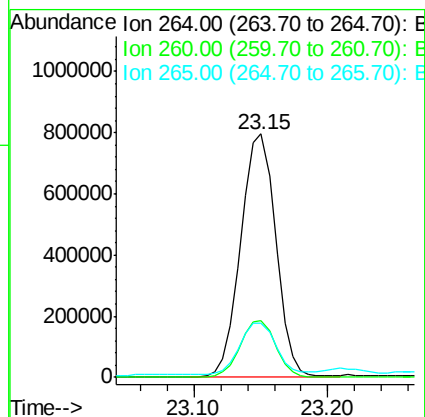
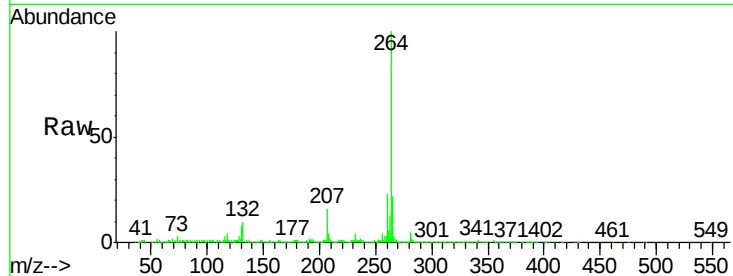
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-ADL

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 264   | Resp: | 1447682 |
| Ion Ratio | Lower | Upper |         |
| 264       | 100   |       |         |
| 260       | 23.1  | 17.9  | 26.9    |
| 265       | 22.2  | 17.3  | 25.9    |

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#88

Benzo(b)fluoranthene

Concen: 11.215 ng m

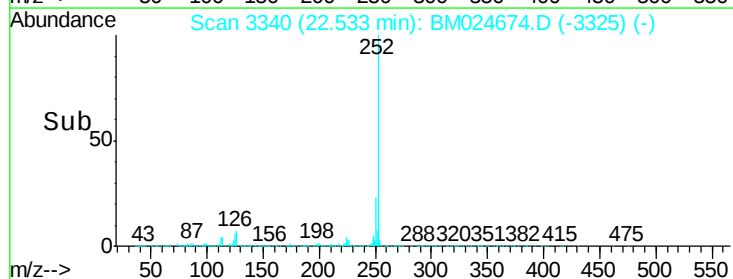
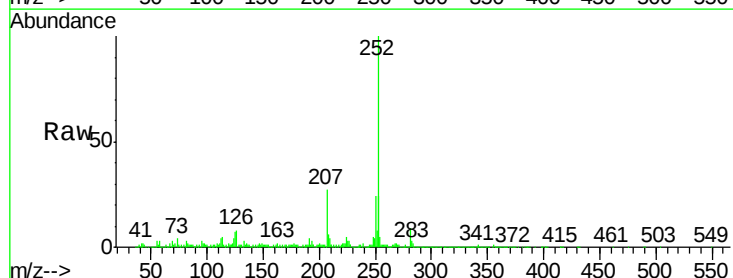
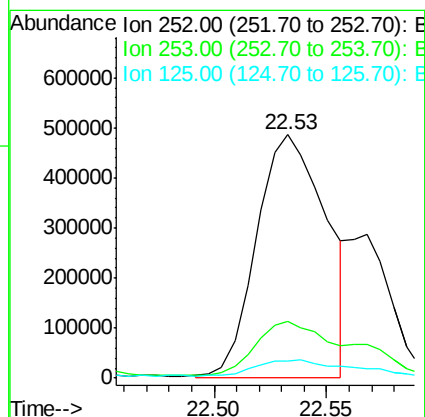
RT: 22.53 min Scan# 3340

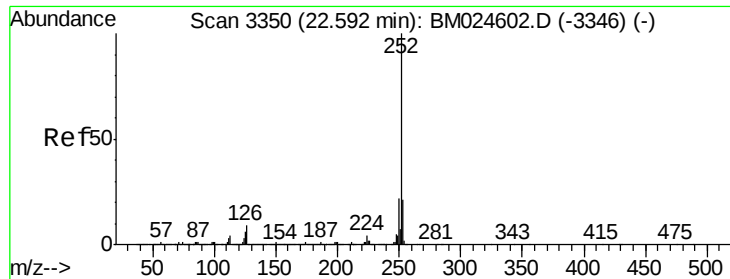
Delta R.T. -0.01 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1053051 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.5  | 17.6  | 26.4    |
| 125       | 7.0   | 5.7   | 8.5     |





#89

Benzo(k)fluoranthene

Concen: 4.064 ng m

RT: 22.57 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

Instrument :

BNA\_M

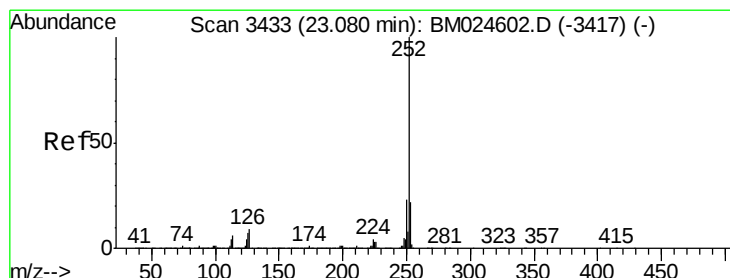
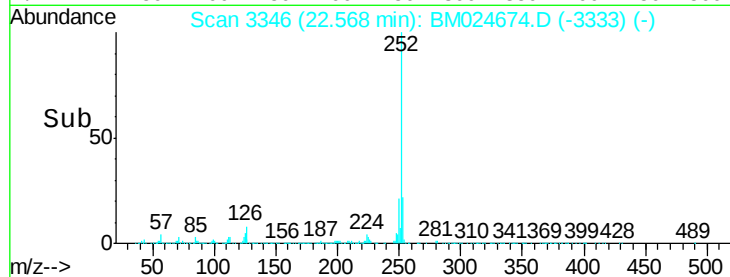
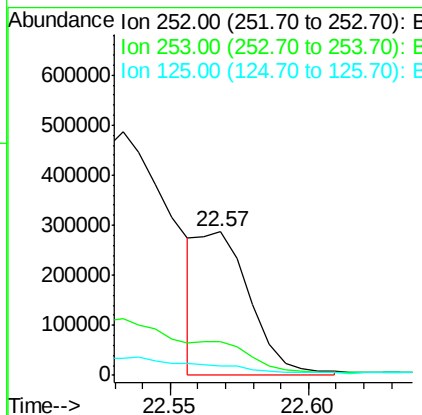
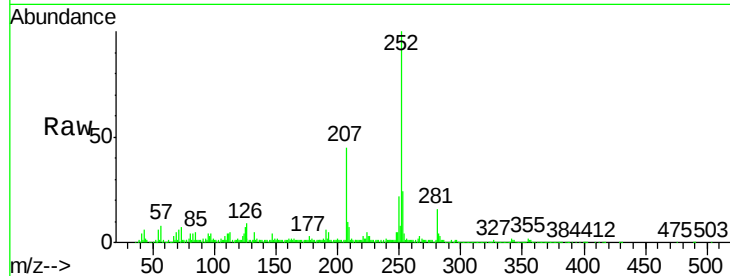
ClientSampleId :

AOC-3-EXC-PIT-(0-5)-ADL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 372498 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.6  | 17.3  | 25.9   |
| 125       | 6.9   | 5.2   | 7.8    |

Manual Integrations  
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#90

Benzo(a)pyrene

Concen: 11.439 ng

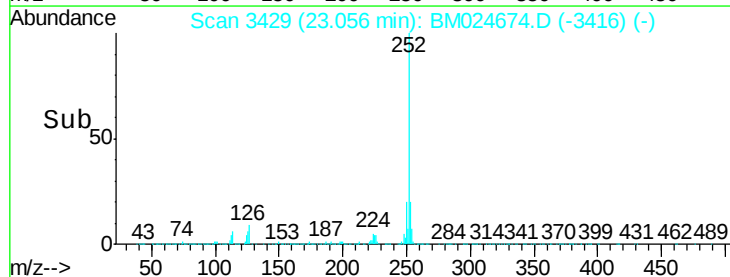
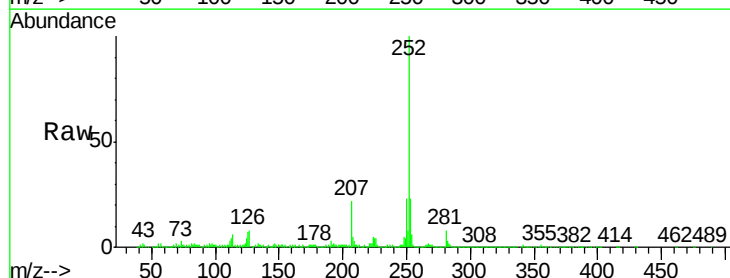
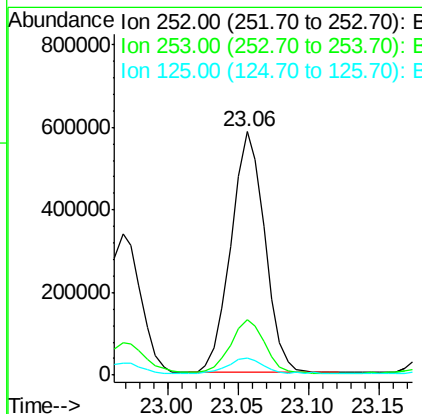
RT: 23.06 min Scan# 3429

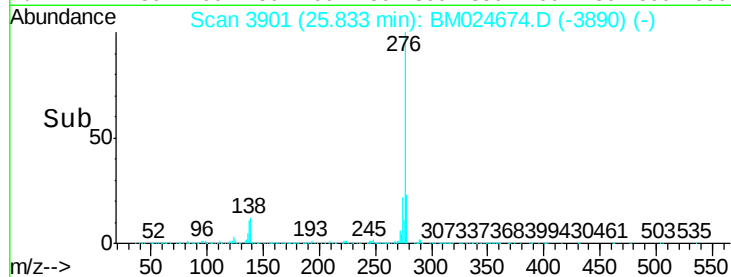
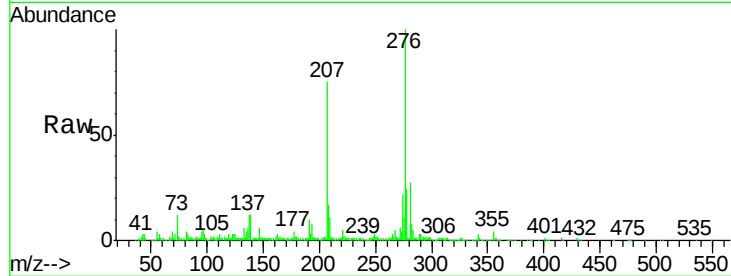
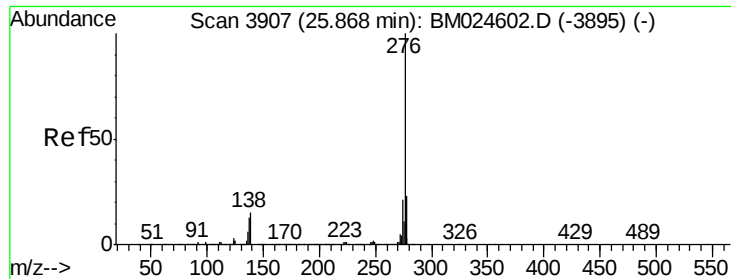
Delta R.T. -0.02 min

Lab File: BM024674.D

Acq: 31 Jan 2020 00:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 976520 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.9  | 17.3  | 25.9   |
| 125       | 7.1   | 5.8   | 8.8    |





#92  
 Benzo(a,h,i)perylene  
 Concen: 6.391 ng  
 RT: 25.83 min Scan# 3901  
 Delta R.T. -0.04 min  
 Lab File: BM024674.D  
 Acq: 31 Jan 2020 00:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 AOC-3-EXC-PIT-(0-5)-ADL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 470166 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.0  | 18.6  | 28.0   |
| 138       | 12.5  | 11.9  | 17.9   |

Manual Integrations  
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