

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\  
 Data File : BE095710.D  
 Acq On : 6 Mar 2018 22:46  
 Operator : SJ/JU  
 Sample : J1811-06 20X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 T-6\_030518

Manual Integrations  
 APPROVED

Sohil  
 3/7/2018 12:20:22 PM

Quant Time: Mar 07 02:06:54 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.43  | 152  | 1413     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.27 | 136  | 5949     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.00 | 164  | 3508     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.71 | 188  | 7888     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.80 | 240  | 7968     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.43 | 264  | 7316     | 0.40 | ng    | 0.00     |

|                             |       |     |     |      |    |       |
|-----------------------------|-------|-----|-----|------|----|-------|
| System Monitoring Compounds |       |     |     |      |    |       |
| 4) 2-Fluorophenol           | 5.92  | 112 | 24  | 0.01 | ng | 0.00  |
| 5) Phenol-d6                | 7.57  | 99  | 28  | 0.01 | ng | 0.01  |
| 8) Nitrobenzene-d5          | 9.61  | 82  | 67  | 0.01 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 87  | 0.01 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.47 | 330 | 13  | 0.12 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.64 | 172 | 140 | 0.01 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.69 | 212 | 518 | 0.01 | ng | 0.00  |
| 29) Terphenyl-d14           | 20.24 | 244 | 135 | 0.01 | ng | -0.01 |

|                            |       |     |        |       |    |        |
|----------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds           |       |     |        |       |    | Qvalue |
| 9) Naphthalene             | 11.31 | 128 | 3687   | 0.054 | ng | # 95   |
| 12) 2-Methylnaphthalene    | 12.88 | 142 | 1550   | 0.131 | ng | 99     |
| 16) Acenaphthylene         | 14.73 | 152 | 2887   | 0.147 | ng | # 95   |
| 17) Acenaphthene           | 15.06 | 154 | 567    | 0.046 | ng | # 77   |
| 18) Fluorene               | 16.03 | 166 | 3293   | 0.215 | ng | # 77   |
| 23) Phenanthrene           | 17.75 | 178 | 64271  | 2.607 | ng | 98     |
| 24) Anthracene             | 17.84 | 178 | 17339  | 0.766 | ng | 94     |
| 26) Fluoranthene           | 19.72 | 202 | 90401  | 2.980 | ng | # 97   |
| 28) Pyrene                 | 20.07 | 202 | 93214  | 2.861 | ng | # 95   |
| 30) Benzo(a)anthracene     | 21.78 | 228 | 45343  | 1.744 | ng | 98     |
| 31) Chrysene               | 21.84 | 228 | 36630  | 1.417 | ng | 97     |
| 33) Indeno(1,2,3-cd)pyrene | 27.22 | 276 | 13788  | 0.550 | ng | # 91   |
| 35) Benzo(b)fluoranthene   | 23.61 | 252 | 35161  | 1.349 | ng | # 89   |
| 36) Benzo(k)fluoranthene   | 23.66 | 252 | 14919m | 0.576 | ng |        |
| 37) Benzo(a)pyrene         | 24.30 | 252 | 26767m | 1.139 | ng |        |
| 38) Dibenzo(a,h)anthracene | 27.23 | 278 | 4148   | 0.198 | ng | # 90   |
| 39) Benzo(a,h,i)perylene   | 28.10 | 276 | 12203  | 0.545 | ng | # 92   |

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

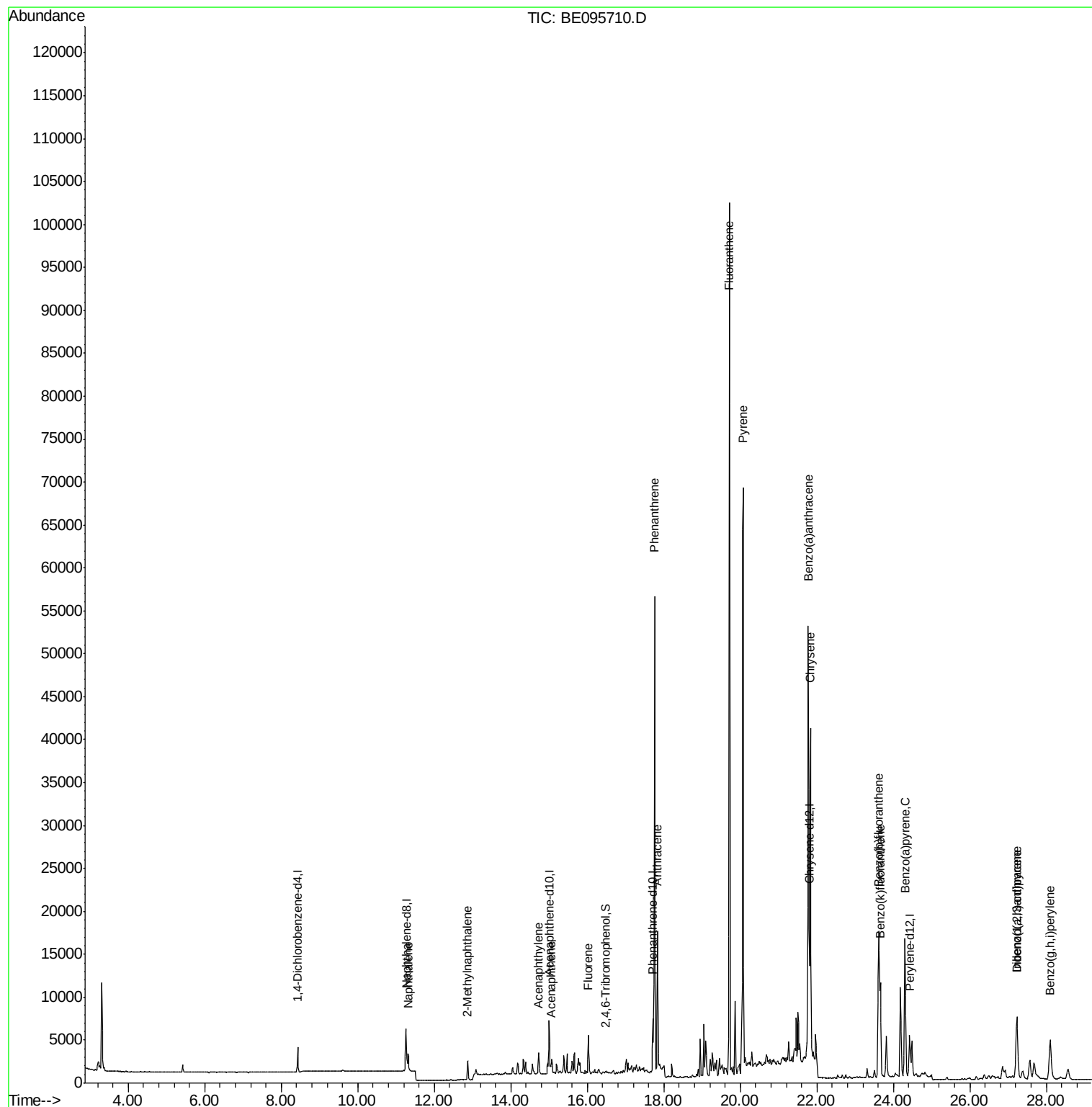
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030618\  
Data File : BE095710.D  
Acq On : 6 Mar 2018 22:46  
Operator : SJ/JU  
Sample : J1811-06 20X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

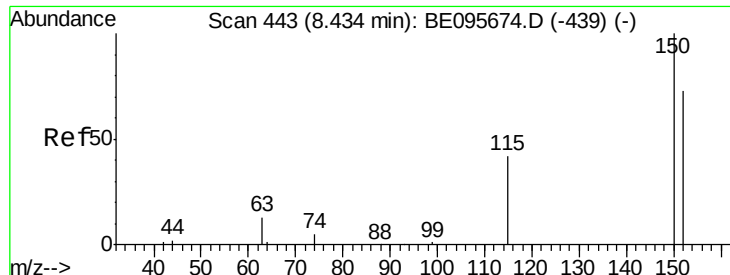
Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM

Quant Time: Mar 07 02:06:54 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 23 12:12:42 2018  
Response via : Initial Calibration





#1

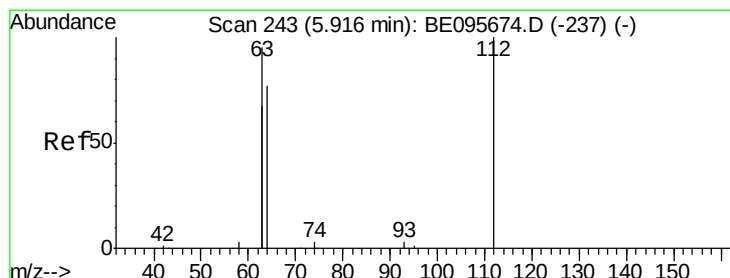
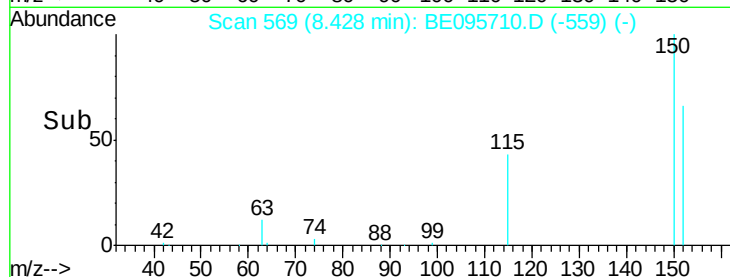
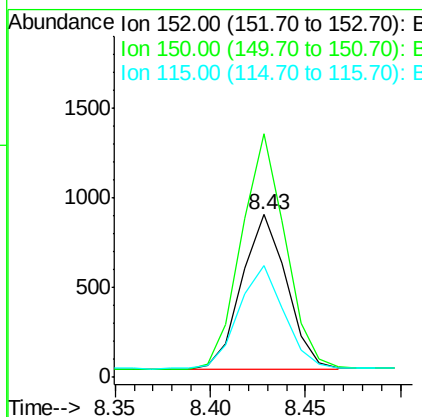
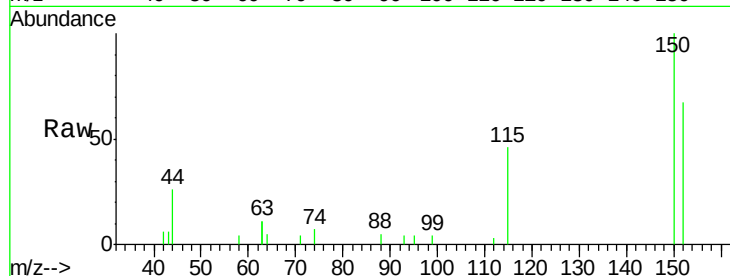
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.43 min Scan# 569  
Delta R.T. -0.01 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.6 | 117.2 | 175.8 |
| 115     | 68.3  | 57.0  | 85.6  |

Manual Integrations  
APPROVED

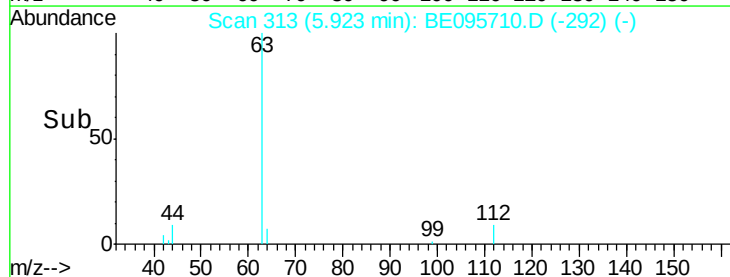
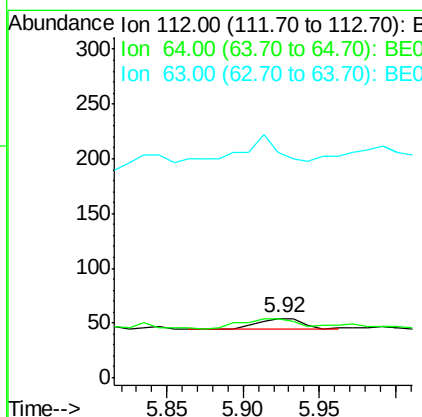
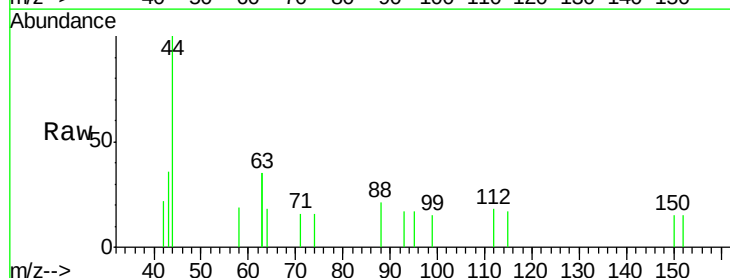
Sohil  
3/7/2018 12:20:22 PM

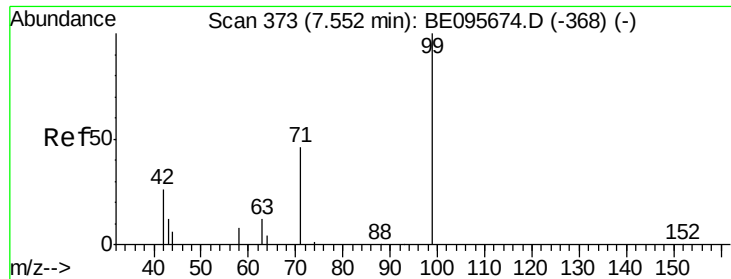


#4

2-Fluorophenol  
Concen: 0.006 ng  
RT: 5.92 min Scan# 313  
Delta R.T. 0.01 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 112     | 100   |       |        |
| 64      | 116.7 | 60.1  | 90.1#  |
| 63      | 212.5 | 116.8 | 175.2# |





#5

Phenol-d6

Concen: 0.005 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.01 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

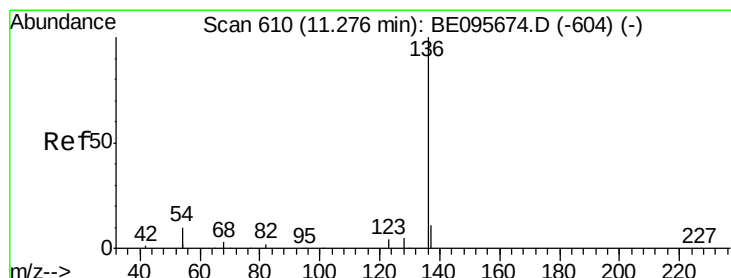
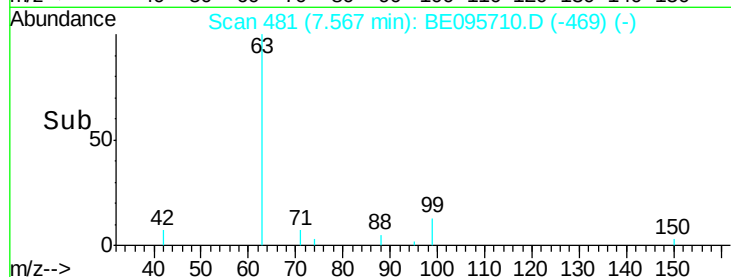
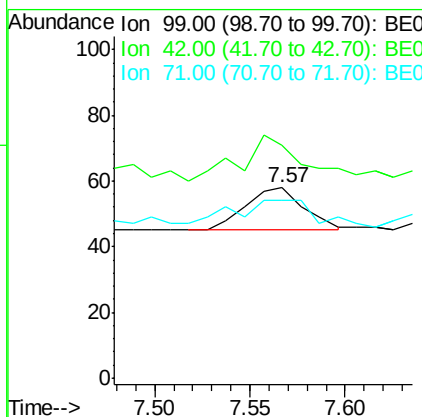
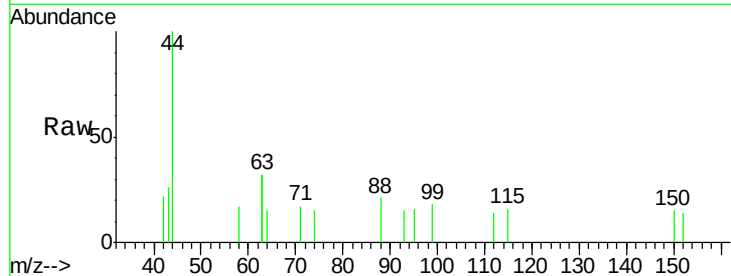
ClientSampled :

T-6\_030518

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 28    |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 110.7 | 20.2  | 30.2# |
| 71       | 67.9  | 28.4  | 42.6# |

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM



#7

Naphthalene-d8

Concen: 0.400 ng

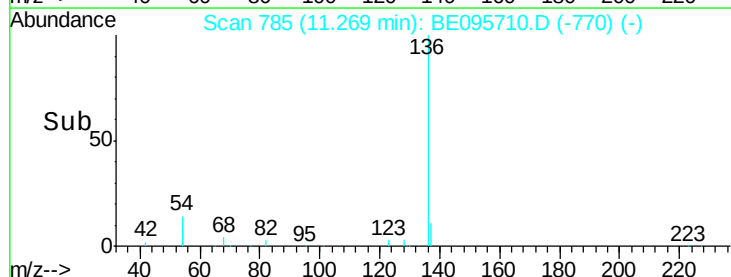
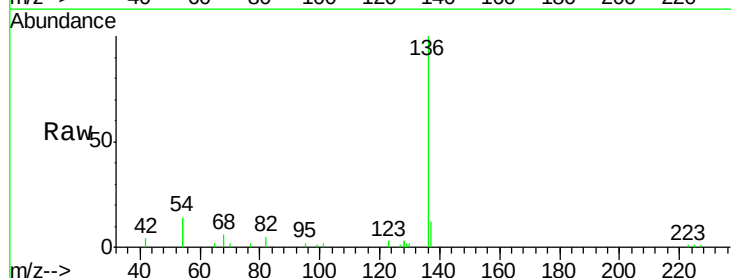
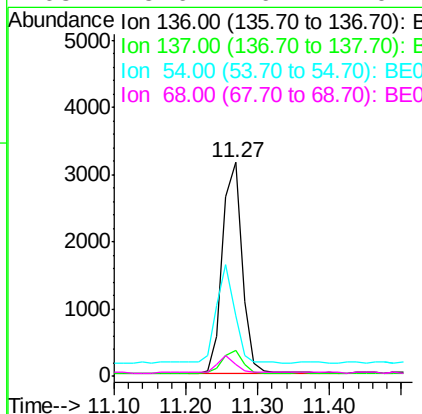
RT: 11.27 min Scan# 785

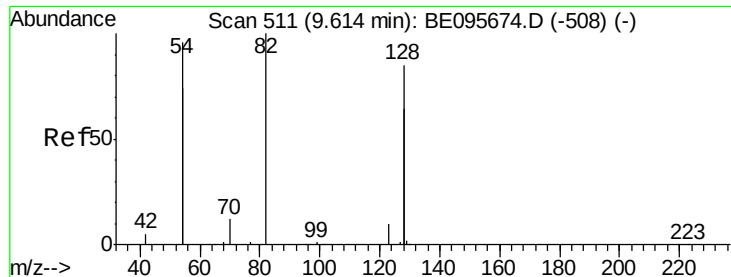
Delta R.T. -0.01 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5949  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.3  | 9.5   | 14.3  |
| 54       | 28.2  | 29.1  | 43.7# |
| 68       | 5.6   | 6.2   | 9.2#  |





#8

Nitrobenzene-d5

Concen: 0.011 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

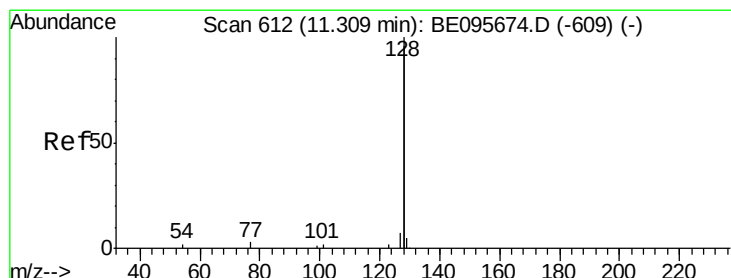
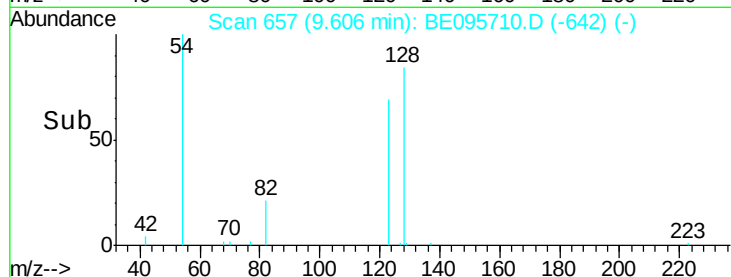
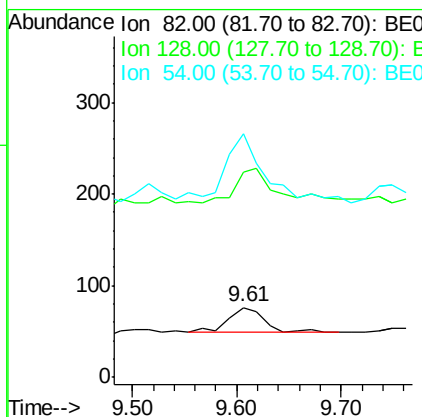
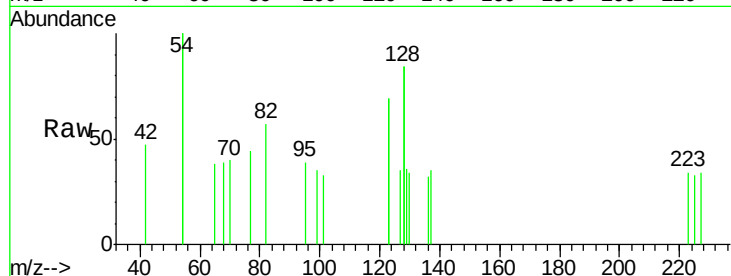
ClientSampleId :

T-6\_030518

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 67     |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 294.7 | 150.0 | 225.0# |
| 54       | 350.0 | 154.2 | 231.4# |

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM



#9

Naphthalene

Concen: 0.054 ng

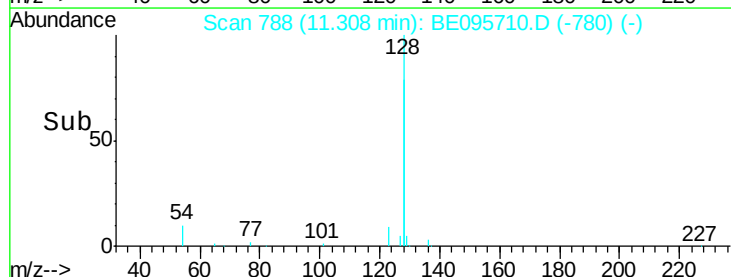
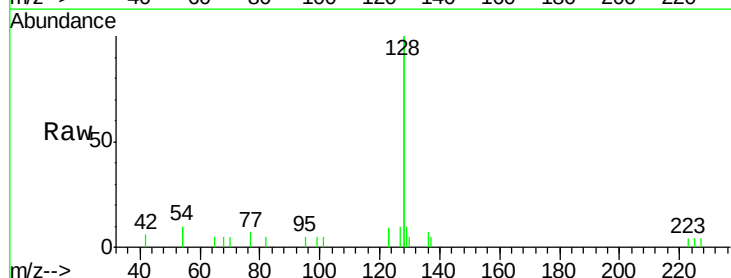
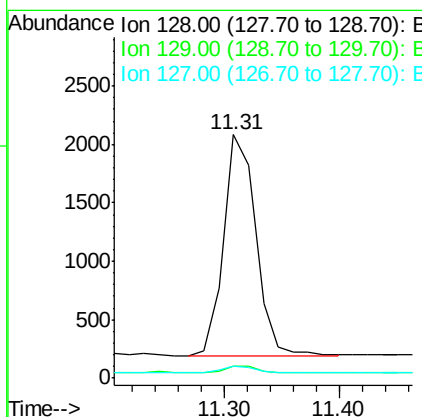
RT: 11.31 min Scan# 788

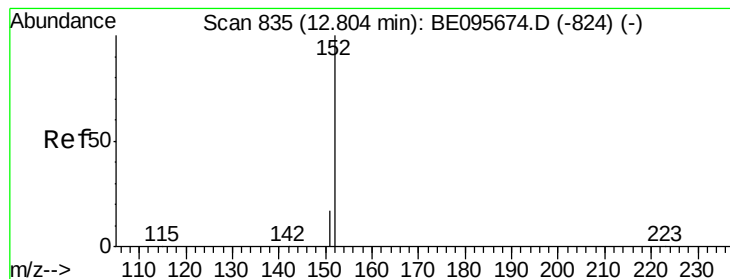
Delta R.T. -0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3687  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 4.8   | 2.6   | 3.8#  |
| 127      | 4.9   | 2.8   | 4.2#  |





#11

2-Methylnaphthalene-d10

Concen: 0.009 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

ClientSampled :

T-6\_030518

Tot Ion:152 Resp: 87

Ion Ratio Lower Upper

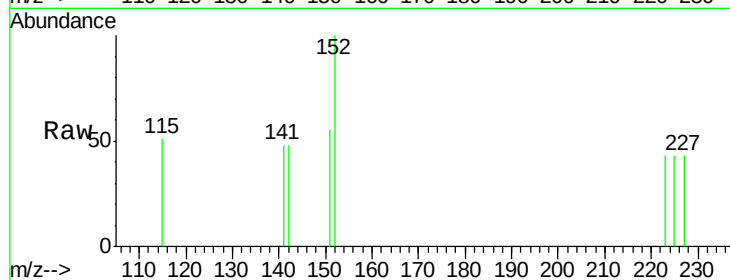
152 100

151 33.3 15.4 23.0#

Manual Integrations  
APPROVED

Sohil

3/7/2018 12:20:22 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

100

80

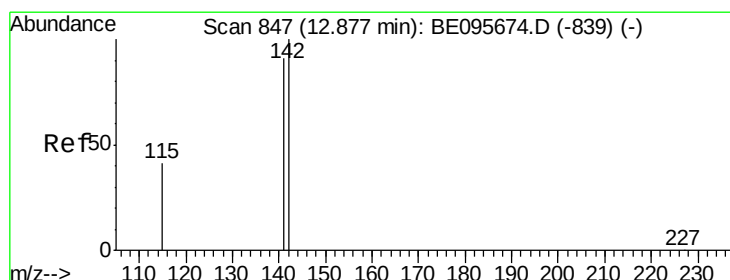
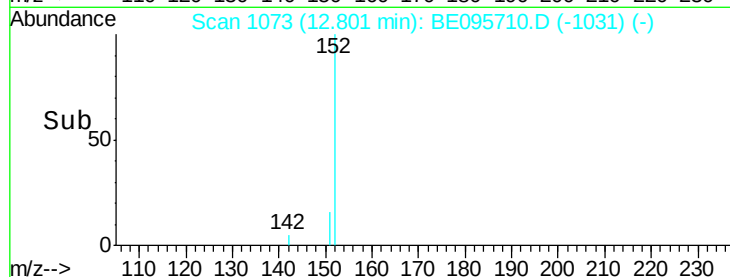
60

40

20

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.131 ng

RT: 12.88 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

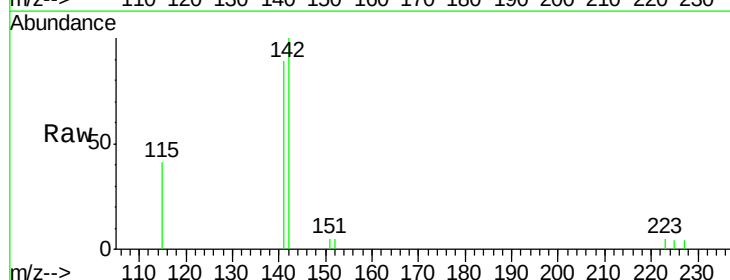
Tgt Ion:142 Resp: 1550

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

115 41.2 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

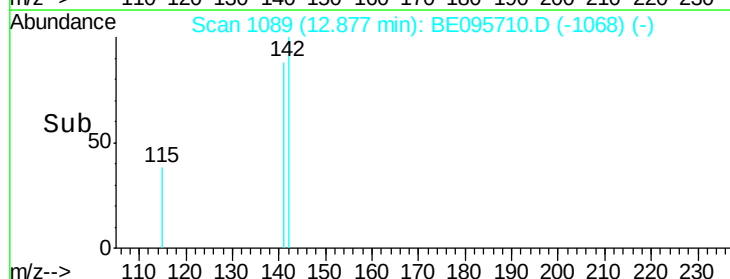
12.88

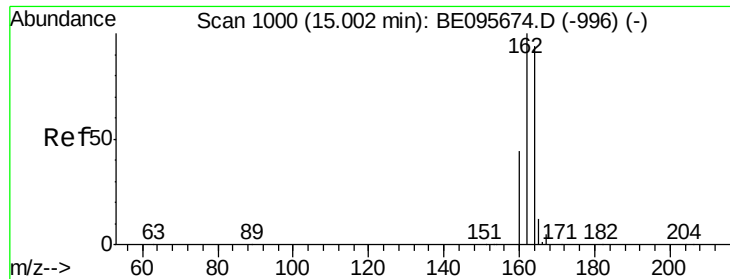
1000

500

0

Time-->





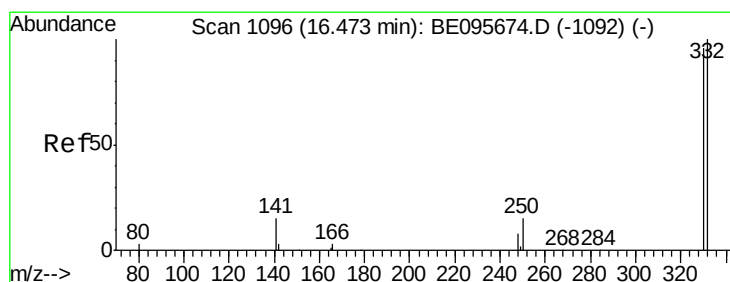
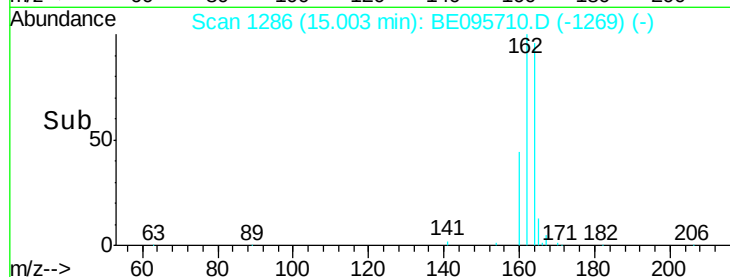
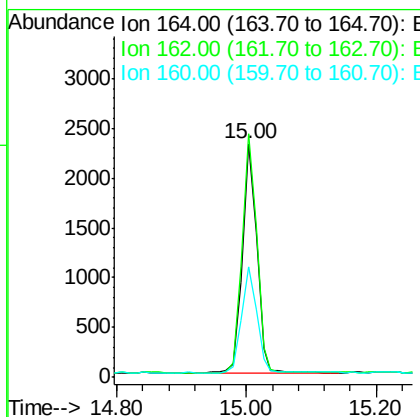
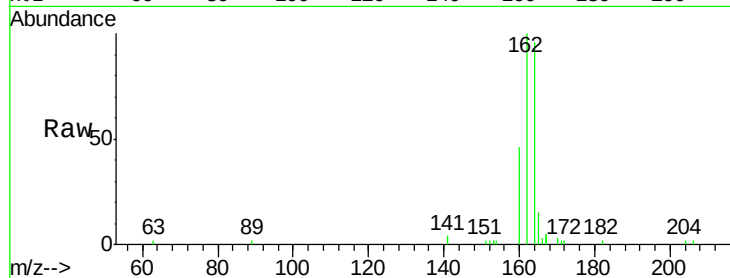
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 15.00 min Scan# 1286  
 Delta R.T. 0.00 min  
 Lab File: BE095710.D  
 Acq: 6 Mar 2018 22:46

Instrument :  
 BNA\_E  
 ClientSampleId :  
 T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 83.1  | 124.7 |
| 160     | 47.5  | 37.1  | 55.7  |

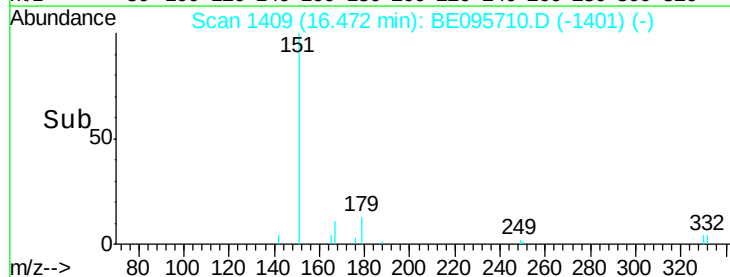
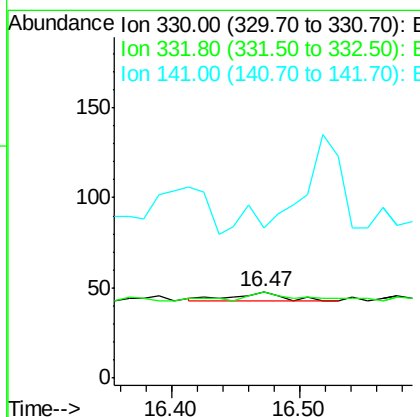
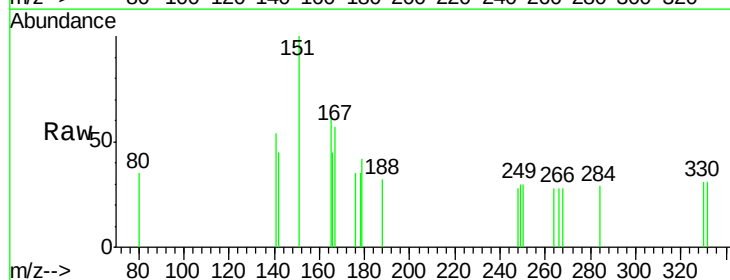
Manual Integrations  
 APPROVED

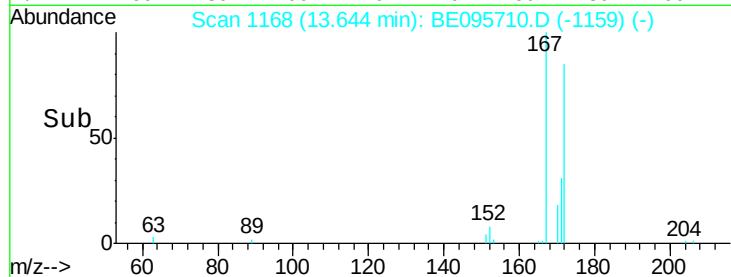
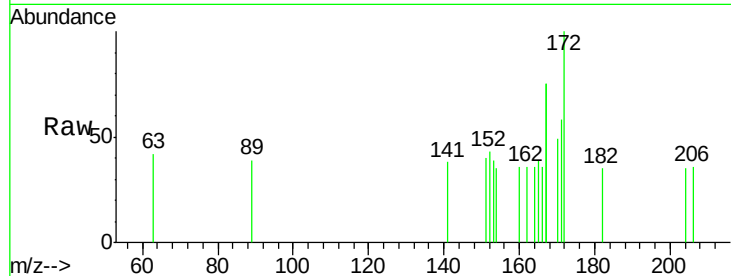
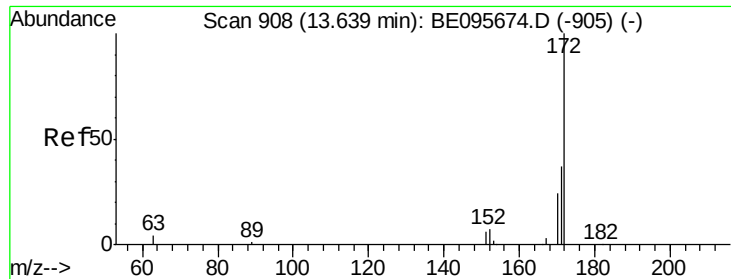
Sohil  
 3/7/2018 12:20:22 PM



#14  
 2,4,6-Tribromophenol  
 Concen: 0.123 ng  
 RT: 16.47 min Scan# 1409  
 Delta R.T. -0.00 min  
 Lab File: BE095710.D  
 Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 330     | 100   |       |        |
| 332     | 115.4 | 152.7 | 229.1# |
| 141     | 69.2  | 33.7  | 50.5#  |





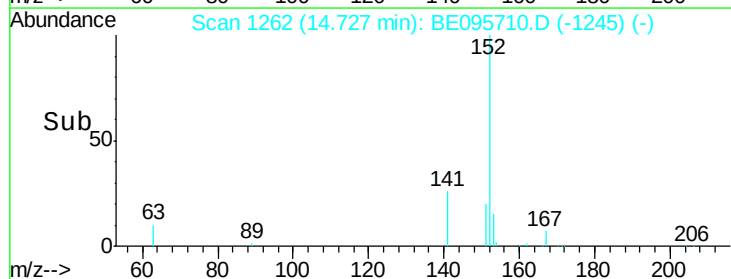
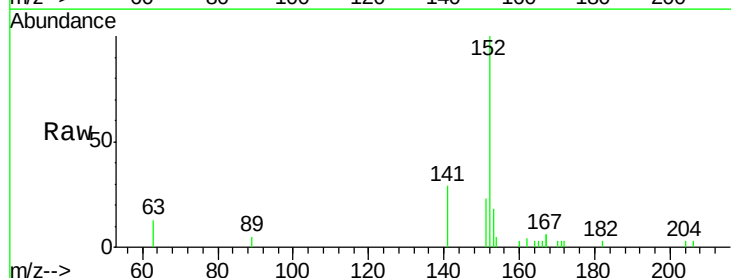
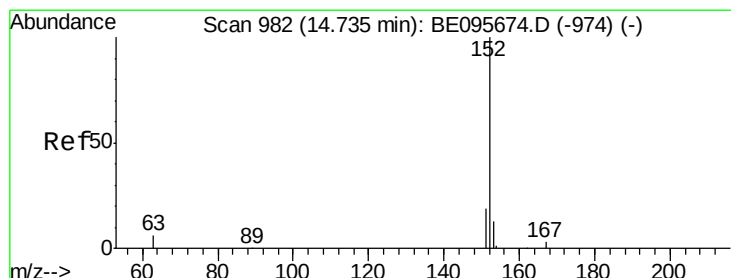
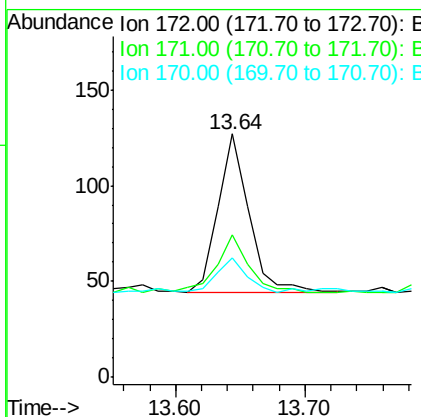
#15  
2-Fluorobiphenyl  
Concen: 0.009 ng  
RT: 13.64 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampled :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 58.3  | 29.9  | 44.9# |
| 170     | 48.8  | 21.8  | 32.8# |

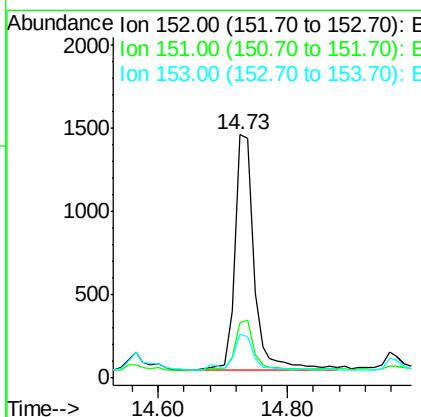
Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM

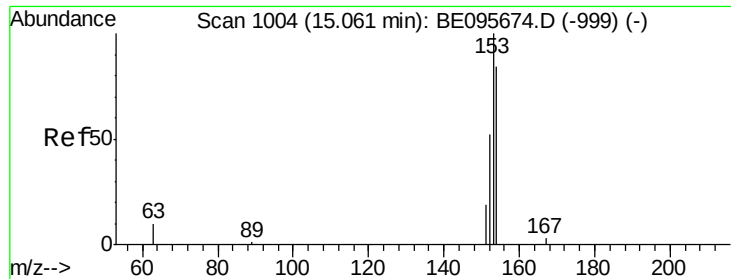


#16  
Acenaphthylene  
Concen: 0.147 ng  
RT: 14.73 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 15.7  | 23.5  |
| 153     | 15.7  | 10.5  | 15.7# |







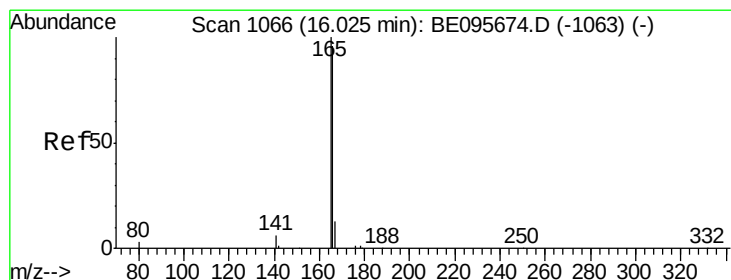
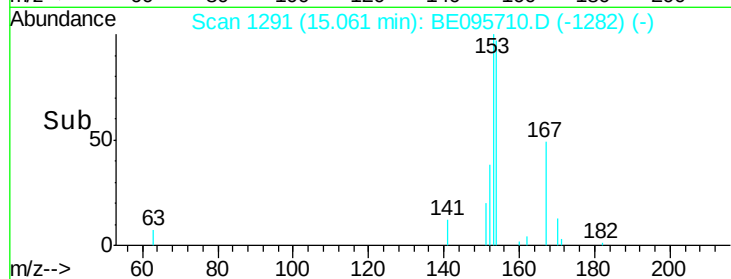
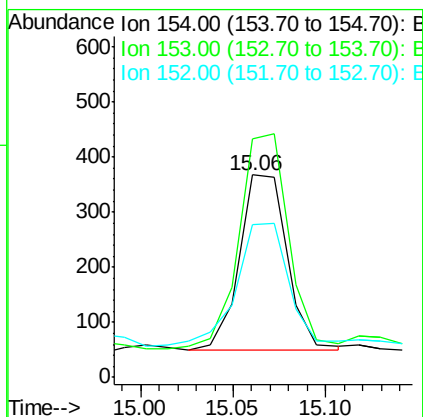
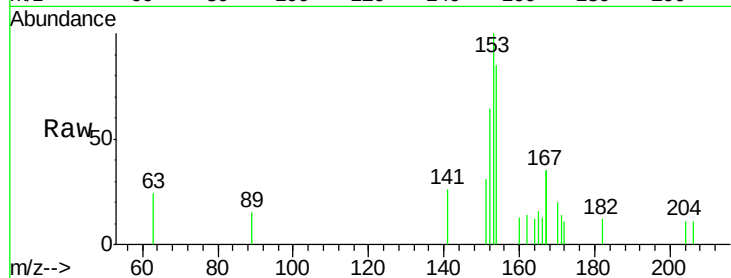
#17  
Acenaphthene  
Concen: 0.046 ng  
RT: 15.06 min Scan# 1291  
Delta R.T. -0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 129.1 | 89.2  | 133.8 |
| 152     | 78.0  | 42.0  | 63.0  |

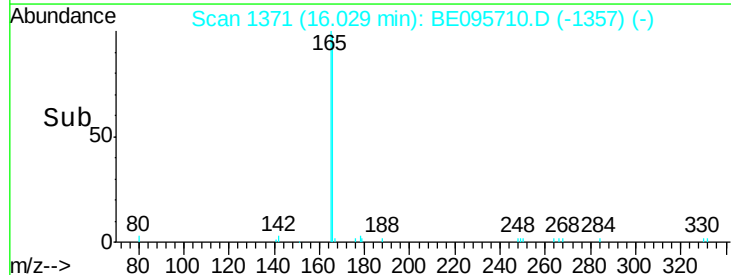
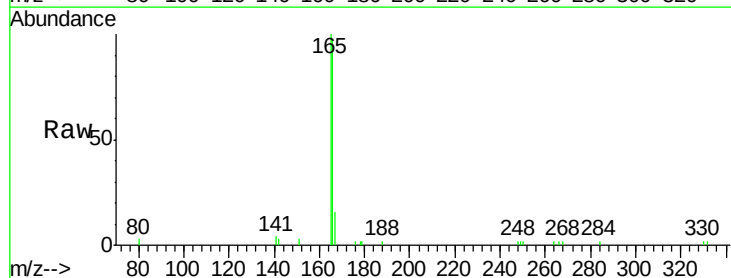
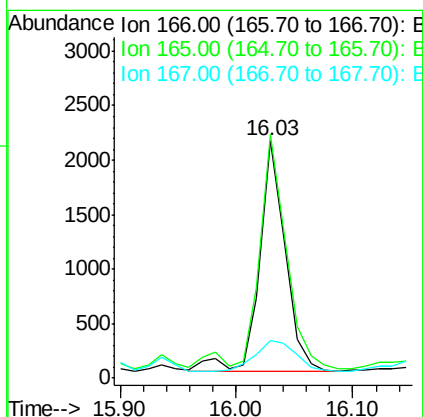
Manual Integrations  
APPROVED

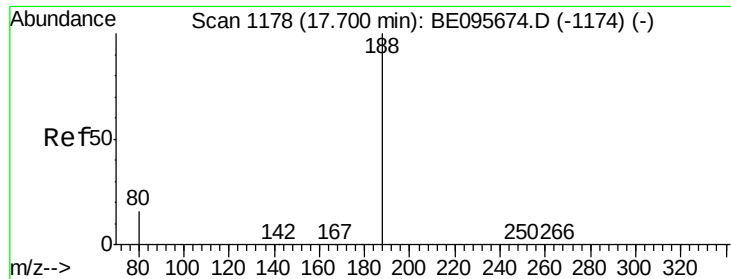
Sohil  
3/7/2018 12:20:22 PM



#18  
Fluorene  
Concen: 0.215 ng  
RT: 16.03 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 108.2 | 77.8  | 116.6 |
| 167     | 21.4  | 42.4  | 63.6  |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

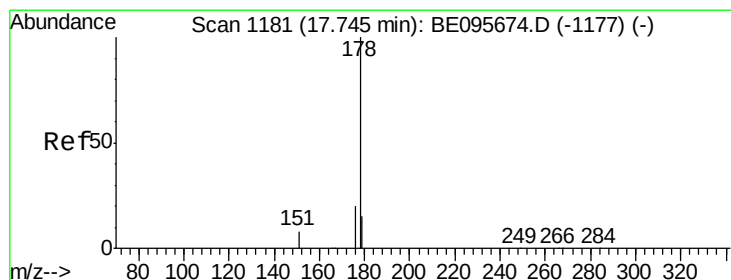
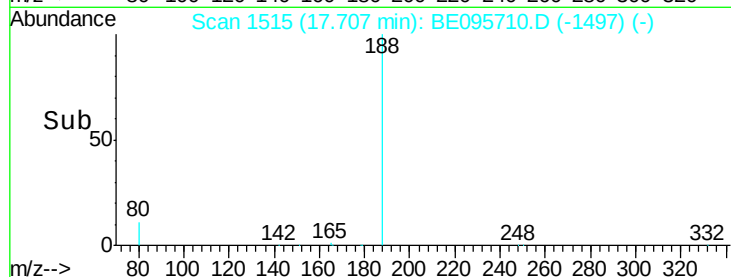
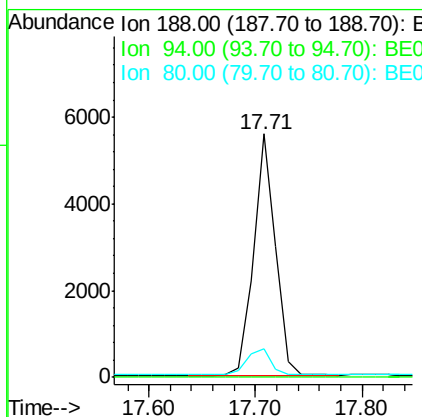
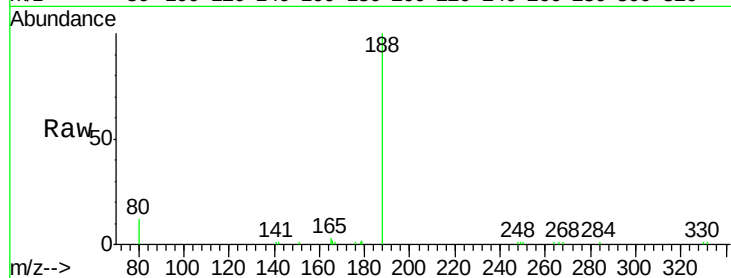
ClientSampleId :

T-6\_030518

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 188   | Resp: | 7888 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 3.9   | 5.9# |
| 80        | 11.6  | 3.6   | 5.4# |

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM



#23

Phenanthrene

Concen: 2.607 ng

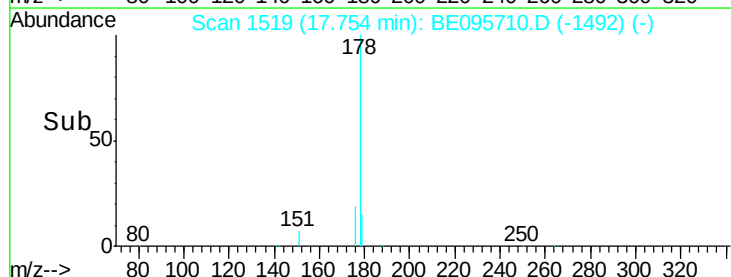
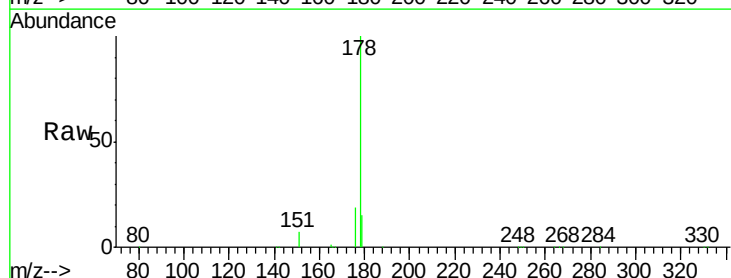
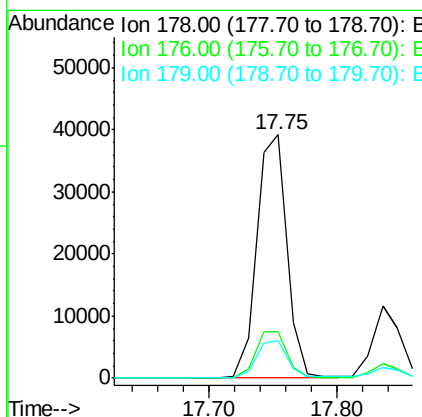
RT: 17.75 min Scan# 1519

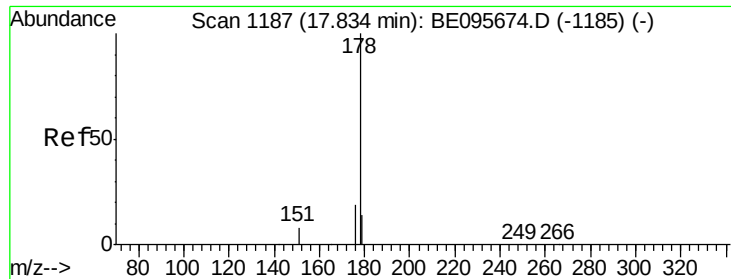
Delta R.T. 0.01 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 64271 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.6  | 15.1  | 22.7  |
| 179       | 15.4  | 11.8  | 17.6  |





#24

Anthracene

Concen: 0.766 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

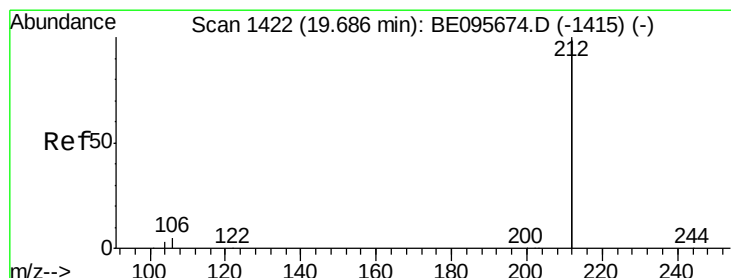
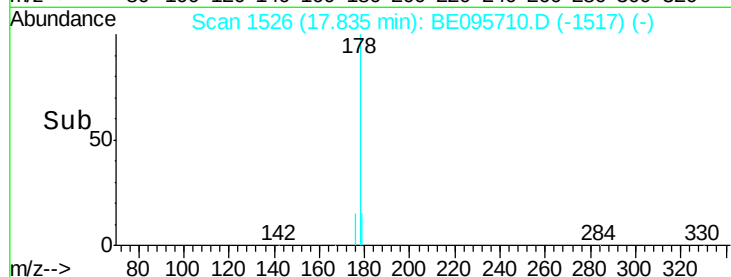
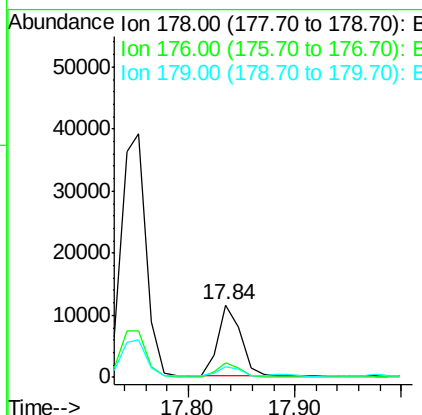
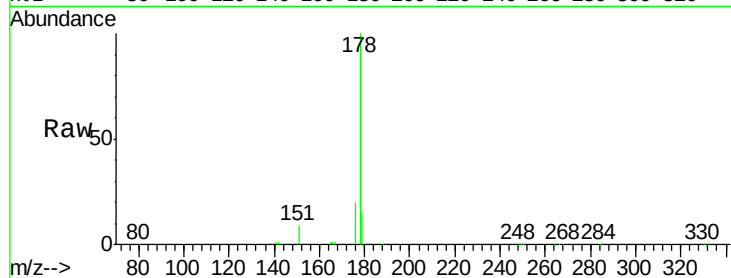
ClientSampled :

T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 12.8  | 19.2  |
| 179     | 14.4  | 13.0  | 19.6  |

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM



#25

Fluoranthene-d10

Concen: 0.005 ng

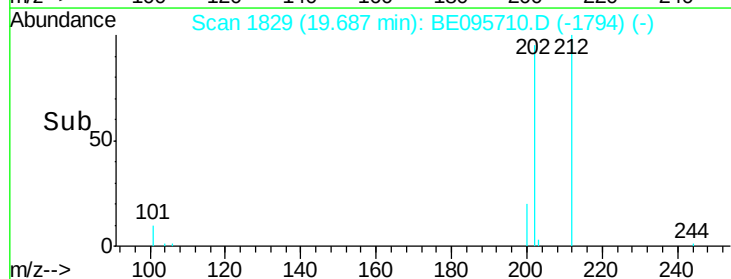
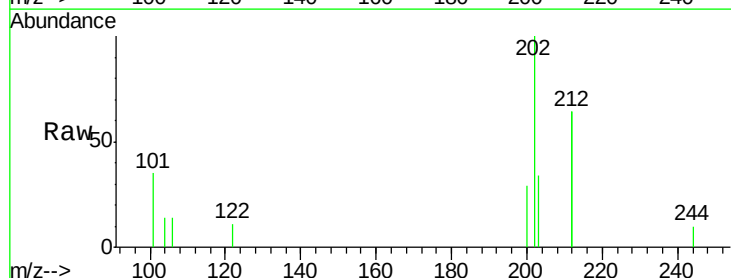
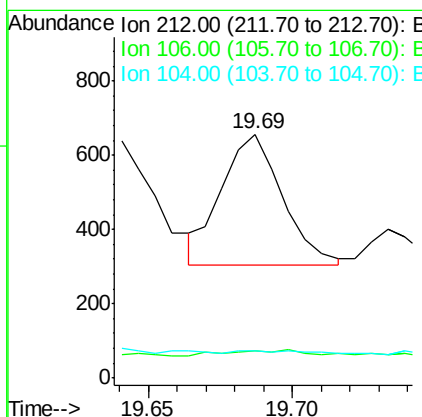
RT: 19.69 min Scan# 1829

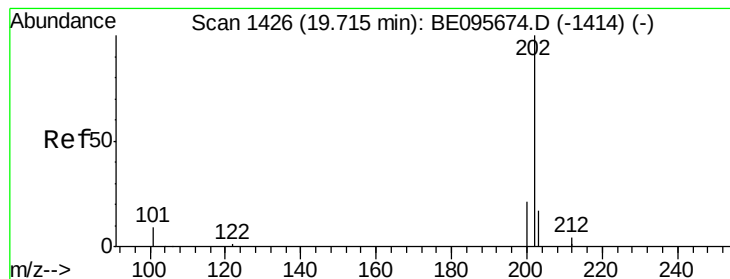
Delta R.T. 0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 6.9   | 2.8   | 4.2#  |
| 104     | 4.1   | 1.6   | 2.4#  |





#26

Fluoranthene

Concen: 2.980 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

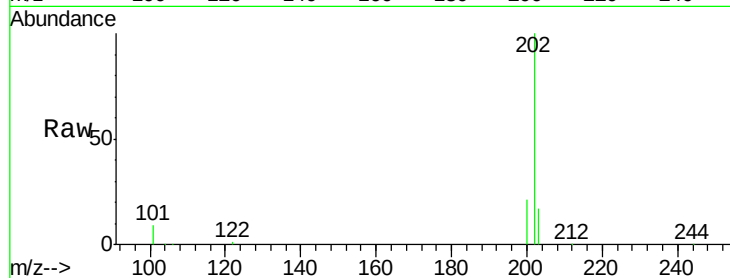
ClientSampled :

T-6\_030518

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 90401 |       |       |
| 101     | 9.7   |       | 9.8   | 14.8# |
| 203     | 17.4  |       | 13.7  | 20.5  |

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM

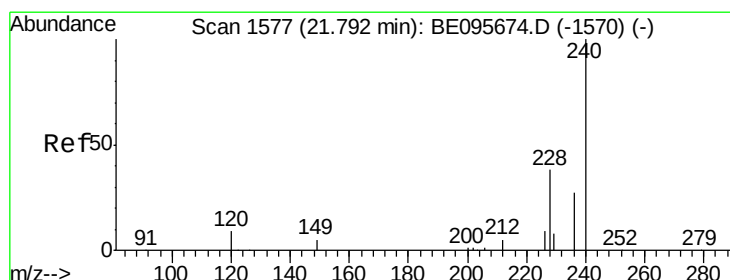
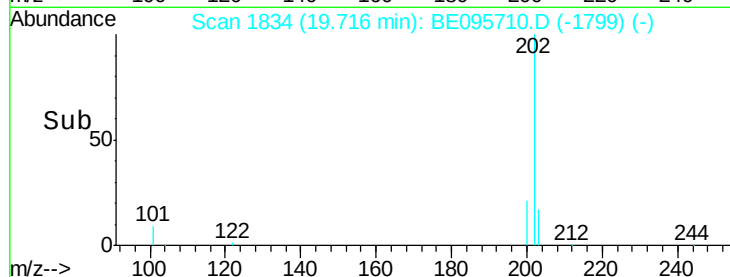
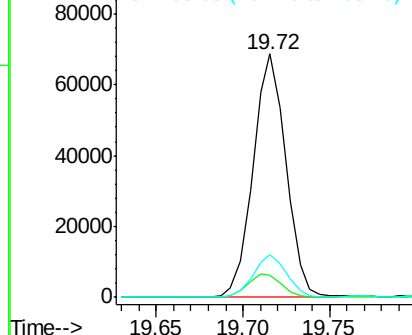


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

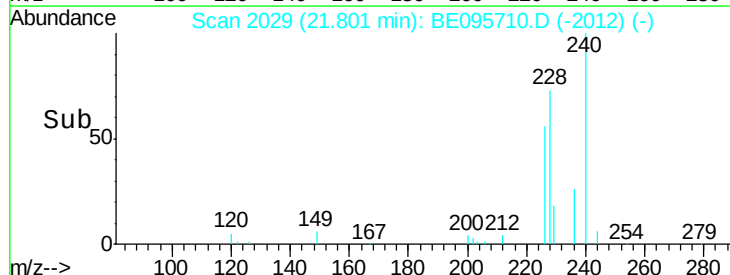
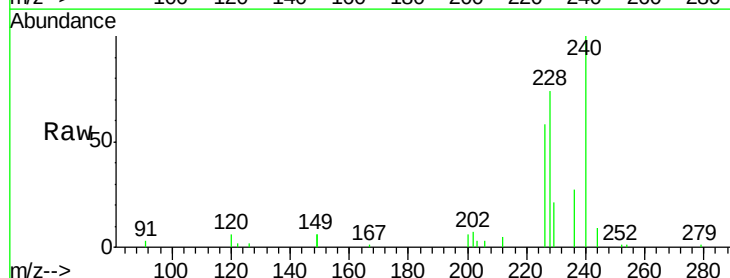
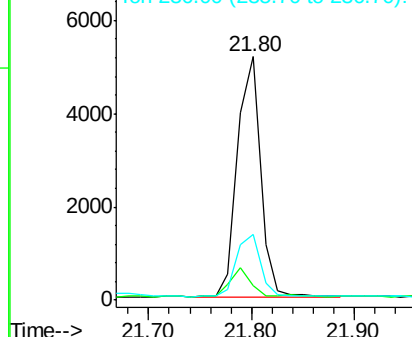
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   | 7968 |       |       |
| 120     | 6.0   |      | 5.5   | 8.3   |
| 236     | 27.2  |      | 20.7  | 31.1  |

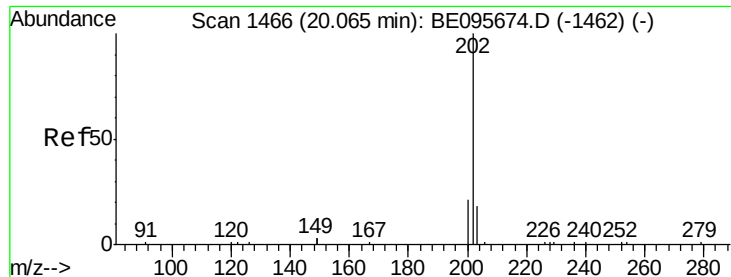
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





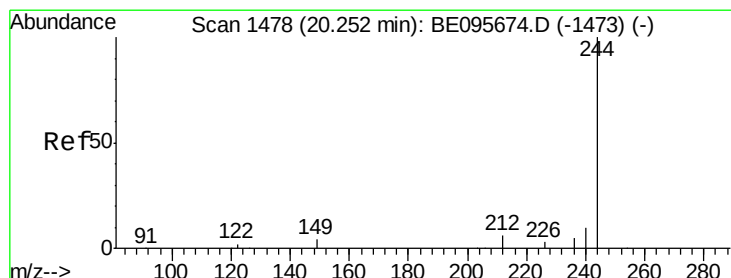
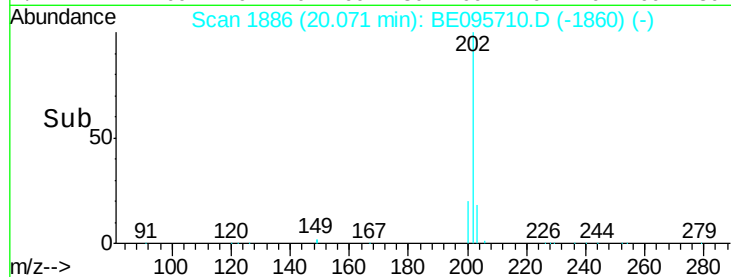
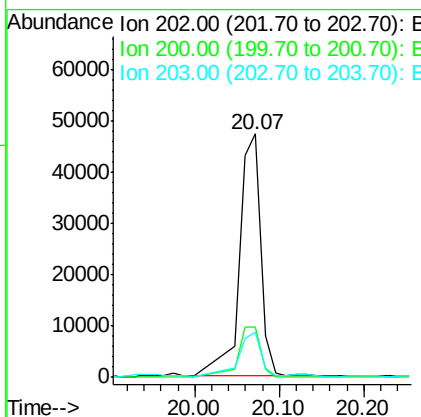
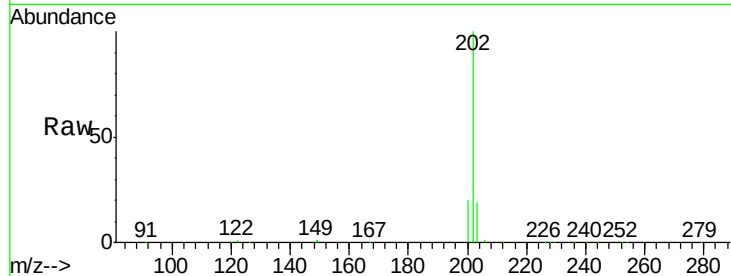
#28  
 Pvrene  
 Concen: 2.861 ng  
 RT: 20.07 min Scan# 1886  
 Delta R.T. 0.01 min  
 Lab File: BE095710.D  
 Acq: 6 Mar 2018 22:46

Instrument :  
 BNA\_E  
 ClientSampleId :  
 T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 16.6  | 25.0  |
| 203     | 21.2  | 13.8  | 20.8  |

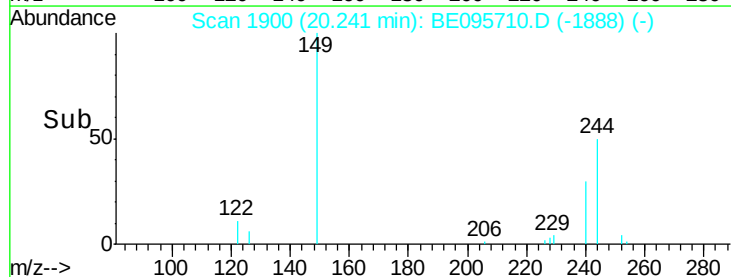
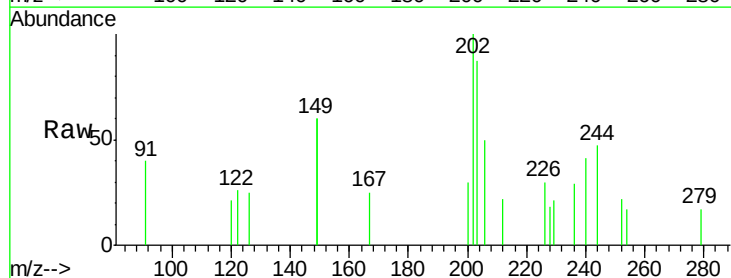
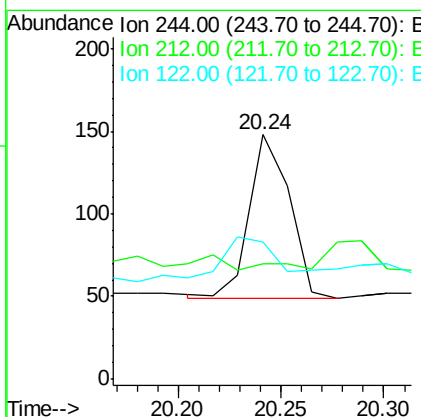
Manual Integrations  
 APPROVED

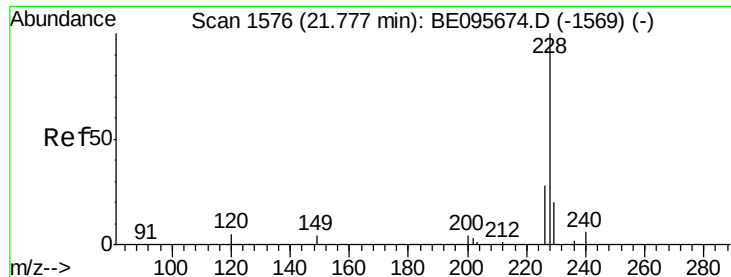
Sohil  
 3/7/2018 12:20:22 PM



#29  
 Terphenyl-d14  
 Concen: 0.008 ng  
 RT: 20.24 min Scan# 1900  
 Delta R.T. -0.01 min  
 Lab File: BE095710.D  
 Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 47.3  | 25.4  | 38.0  |
| 122     | 56.1  | 8.1   | 12.1  |





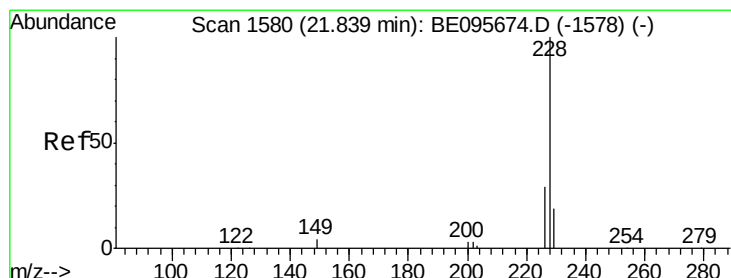
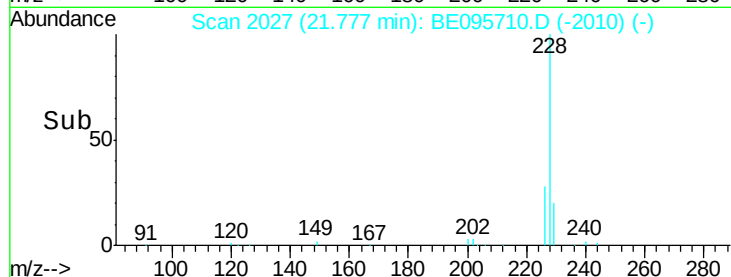
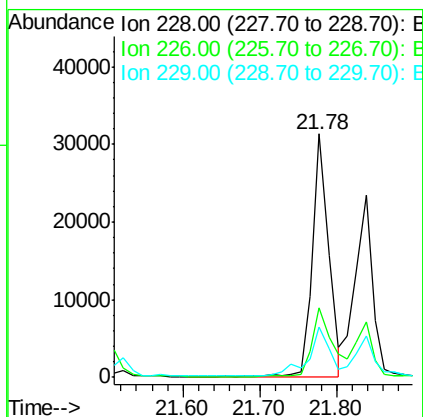
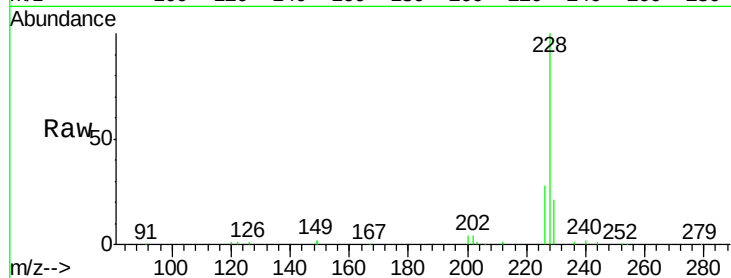
#30  
Benzo(a)anthracene  
Concen: 1.744 ng  
RT: 21.78 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 24.0  | 36.0  |
| 229     | 20.7  | 16.0  | 24.0  |

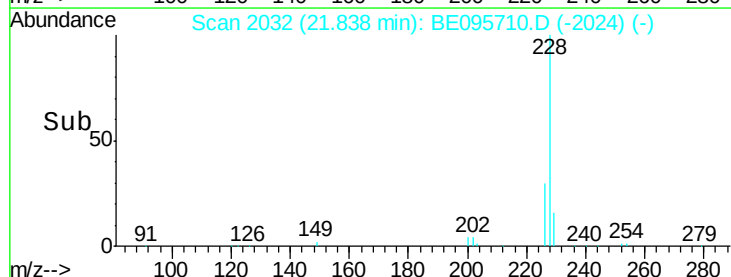
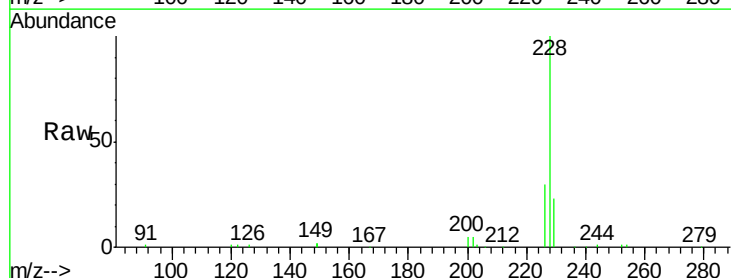
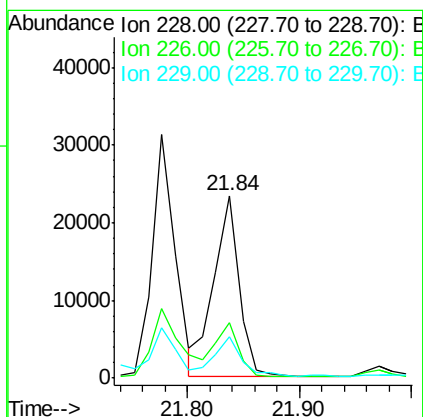
Manual Integrations  
APPROVED

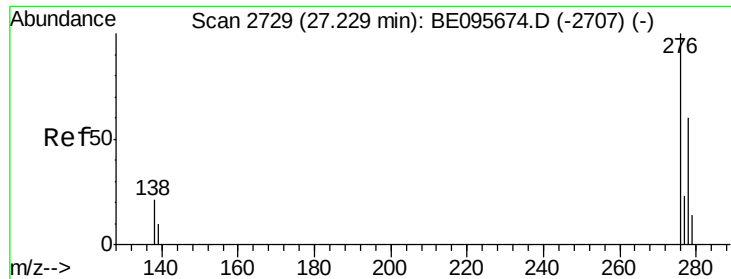
Sohil  
3/7/2018 12:20:22 PM



#31  
Chrysene  
Concen: 1.417 ng  
RT: 21.84 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 24.0  | 36.0  |
| 229     | 22.9  | 16.0  | 24.0  |





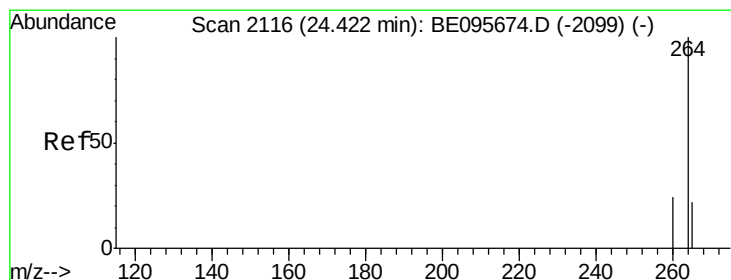
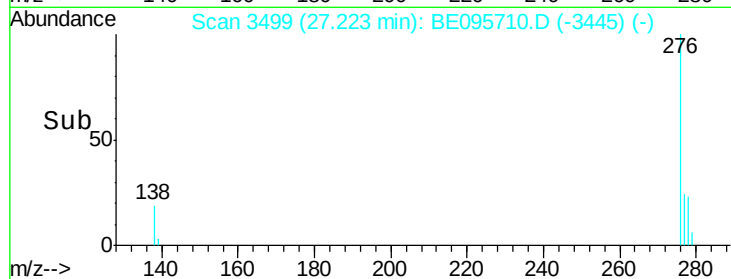
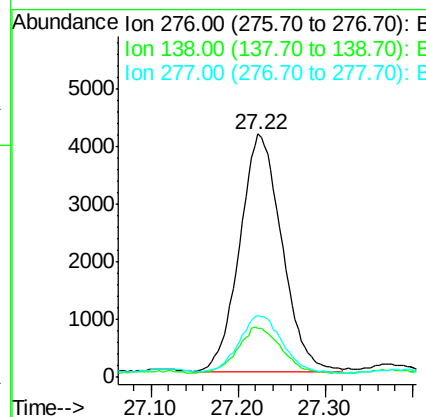
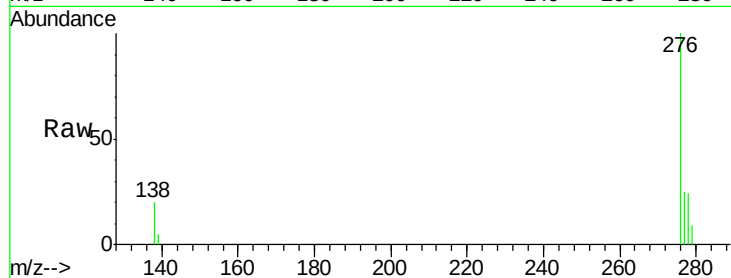
#33  
Indeno(1,2,3-cd)pyrene  
Concen: 0.550 ng  
RT: 27.22 min Scan# 3499  
Delta R.T. -0.01 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.3  | 22.5  | 33.7# |
| 277     | 24.5  | 19.9  | 29.9  |

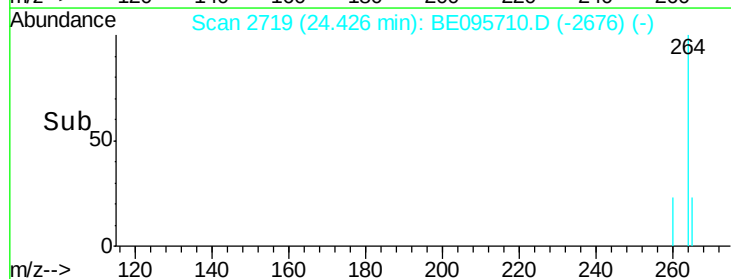
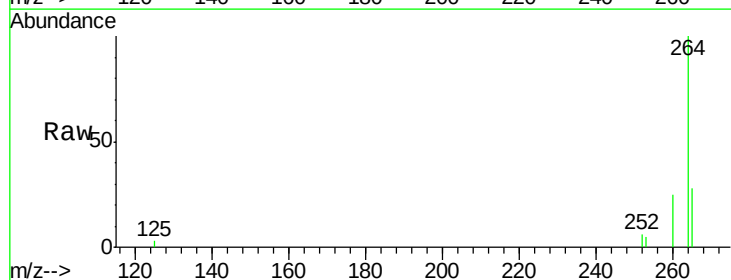
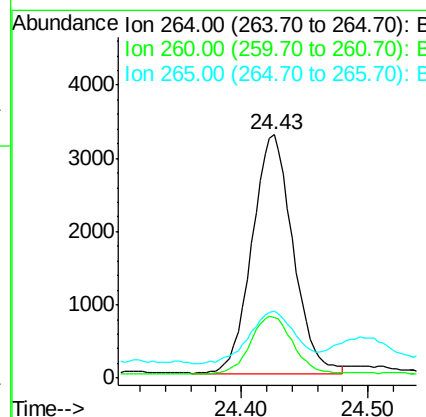
Manual Integrations  
APPROVED

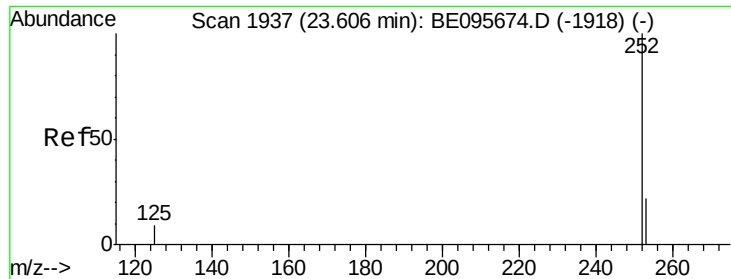
Sohil  
3/7/2018 12:20:22 PM



#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.43 min Scan# 2719  
Delta R.T. 0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.5  | 30.7  |
| 265     | 27.7  | 22.8  | 34.2  |





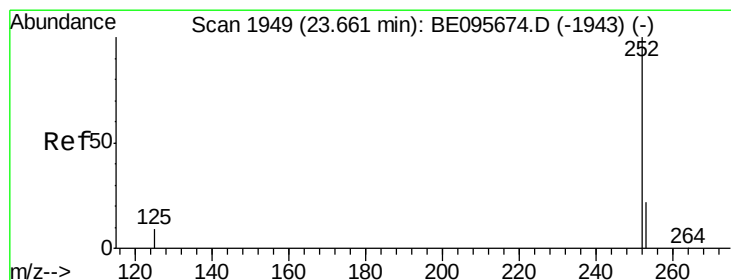
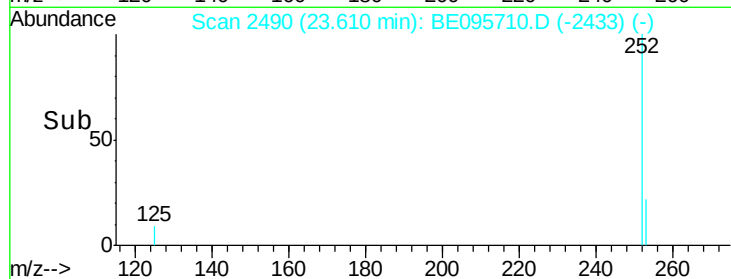
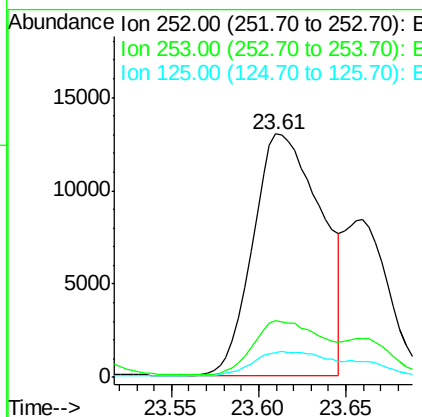
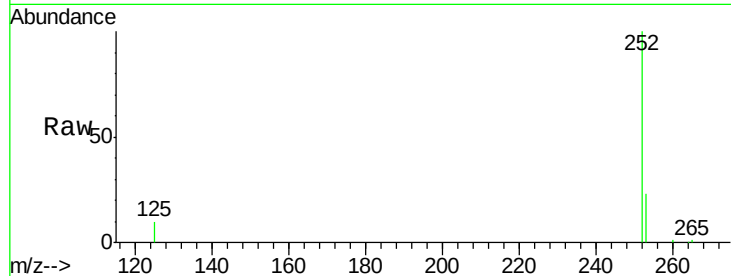
#35  
Benzo(b)fluoranthene  
Concen: 1.349 ng  
RT: 23.61 min Scan# 2490  
Delta R.T. 0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 20.0  | 30.0  |
| 125     | 10.1  | 16.0  | 24.0  |

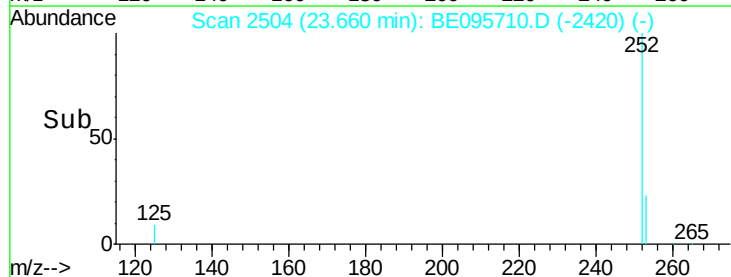
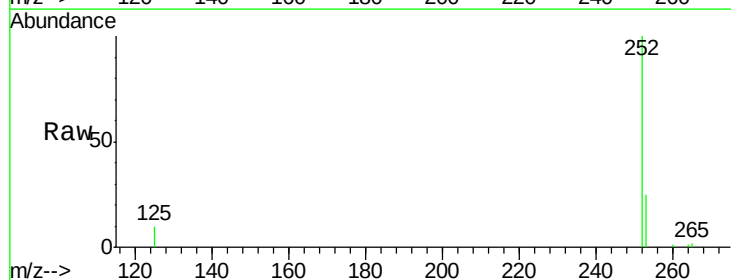
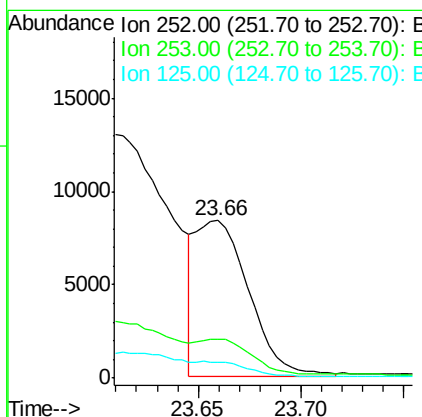
Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM

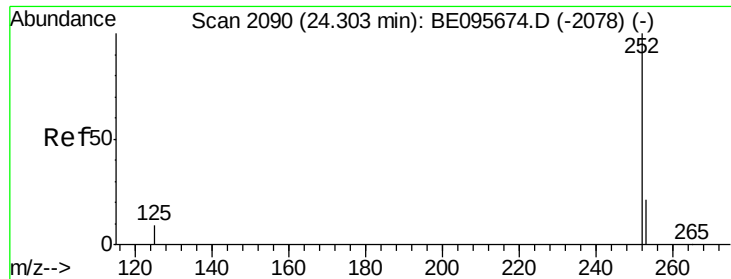


#36  
Benzo(k)fluoranthene  
Concen: 0.576 ng m  
RT: 23.66 min Scan# 2504  
Delta R.T. -0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.9  | 16.0  | 24.0  |
| 125     | 10.3  | 8.0   | 12.0  |







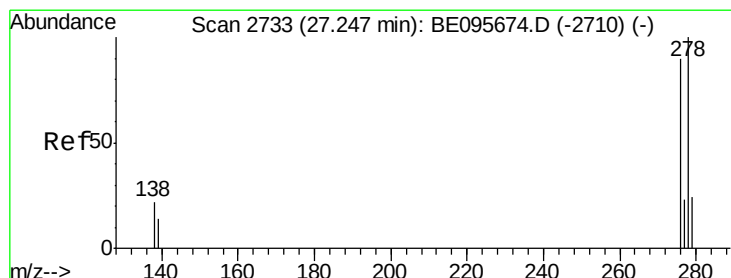
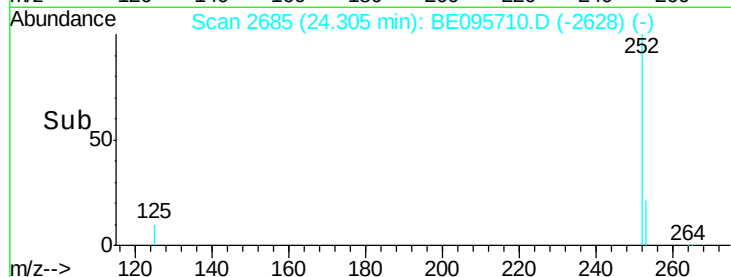
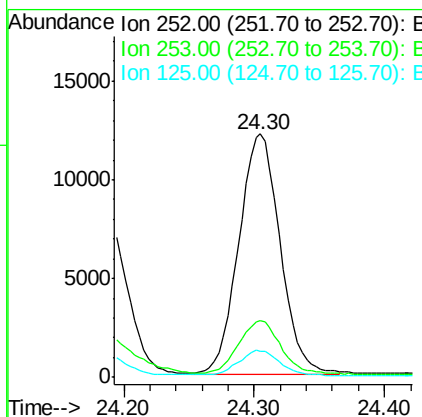
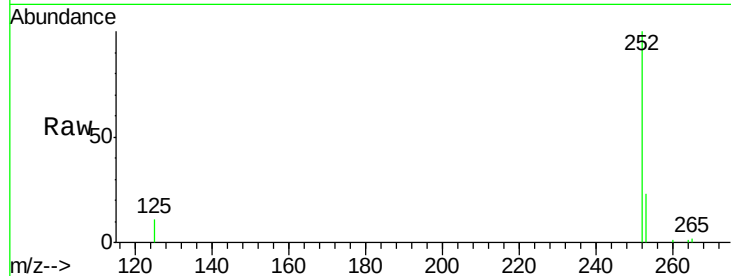
#37  
Benzo(a)pyrene  
Concen: 1.139 ng/mL  
RT: 24.30 min Scan# 2685  
Delta R.T. 0.00 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

Instrument :  
BNA\_E  
ClientSampleId :  
T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 16.0  | 24.0  |
| 125     | 10.7  | 12.0  | 18.0  |

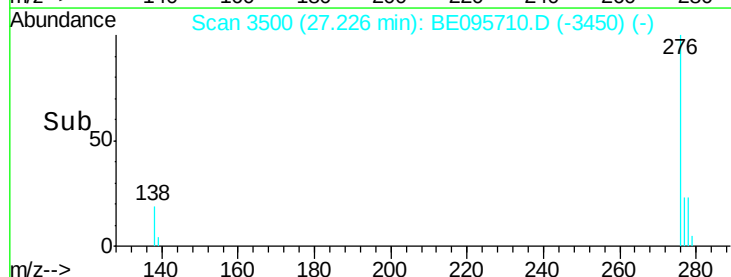
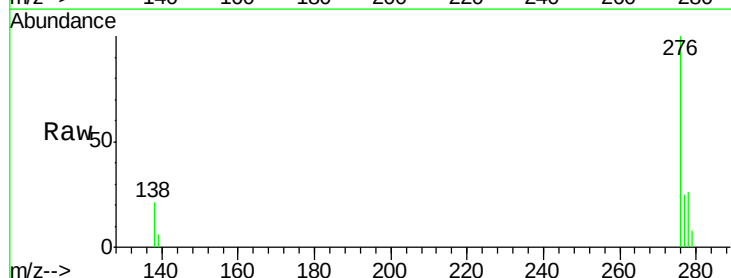
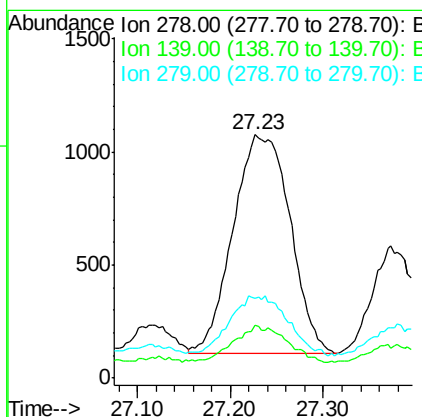
Manual Integrations  
APPROVED

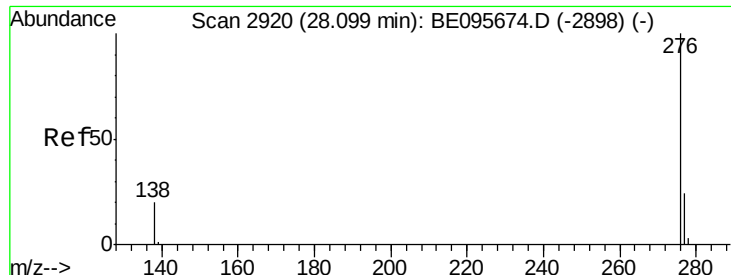
Sohil  
3/7/2018 12:20:22 PM



#38  
Dibenzo(a,h)anthracene  
Concen: 0.198 ng/mL  
RT: 27.23 min Scan# 3500  
Delta R.T. -0.02 min  
Lab File: BE095710.D  
Acq: 6 Mar 2018 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.9  | 16.0  | 24.0  |
| 279     | 32.8  | 20.0  | 30.0  |





#39

Benzo(a,h,i)perylene

Concen: 0.545 ng

RT: 28.10 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BE095710.D

Acq: 6 Mar 2018 22:46

Instrument :

BNA\_E

ClientSampleId :

T-6\_030518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 16.0  | 24.0# |
| 138     | 21.8  | 20.0  | 30.0  |

Manual Integrations  
APPROVED

Sohil  
3/7/2018 12:20:22 PM

