

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_E\DATA\BE020318\  
 Data File : BE095468.D  
 Acq On : 4 Feb 2018 9:28  
 Operator : SJ/JU  
 Sample : J1315-17  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6C80

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 7:01:04 PM

Quant Time: Feb 05 07:16:19 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 04:46:10 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.43  | 152  | 1854     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.26 | 136  | 5679     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 3675     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 8113     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.80 | 240  | 7664     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.43 | 264  | 7171m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 3105     | 0.34   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.69 | 212  | 8160     | 0.26   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 7) Acenaphthylene           | 14.74 | 152  | 1419     | 0.080  | ng/ul# | 87       |
| 11) Pentachlorophenol       | 17.36 | 266  | 412      | 0.262  | ng/ul  | 92       |
| 13) Anthracene              | 17.85 | 178  | 1204m    | 0.048  | ng/ul  |          |
| 15) Fluoranthene            | 19.72 | 202  | 725      | 0.021  | ng/ul  | 80       |
| 17) Pyrene                  | 20.08 | 202  | 1551     | 0.060  | ng/ul# | 88       |
| 21) Benzo(b)fluoranthene    | 23.62 | 252  | 998m     | 0.039  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 27.23 | 276  | 1704m    | 0.069  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 28.12 | 276  | 1604m    | 0.076  | ng/ul  |          |

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

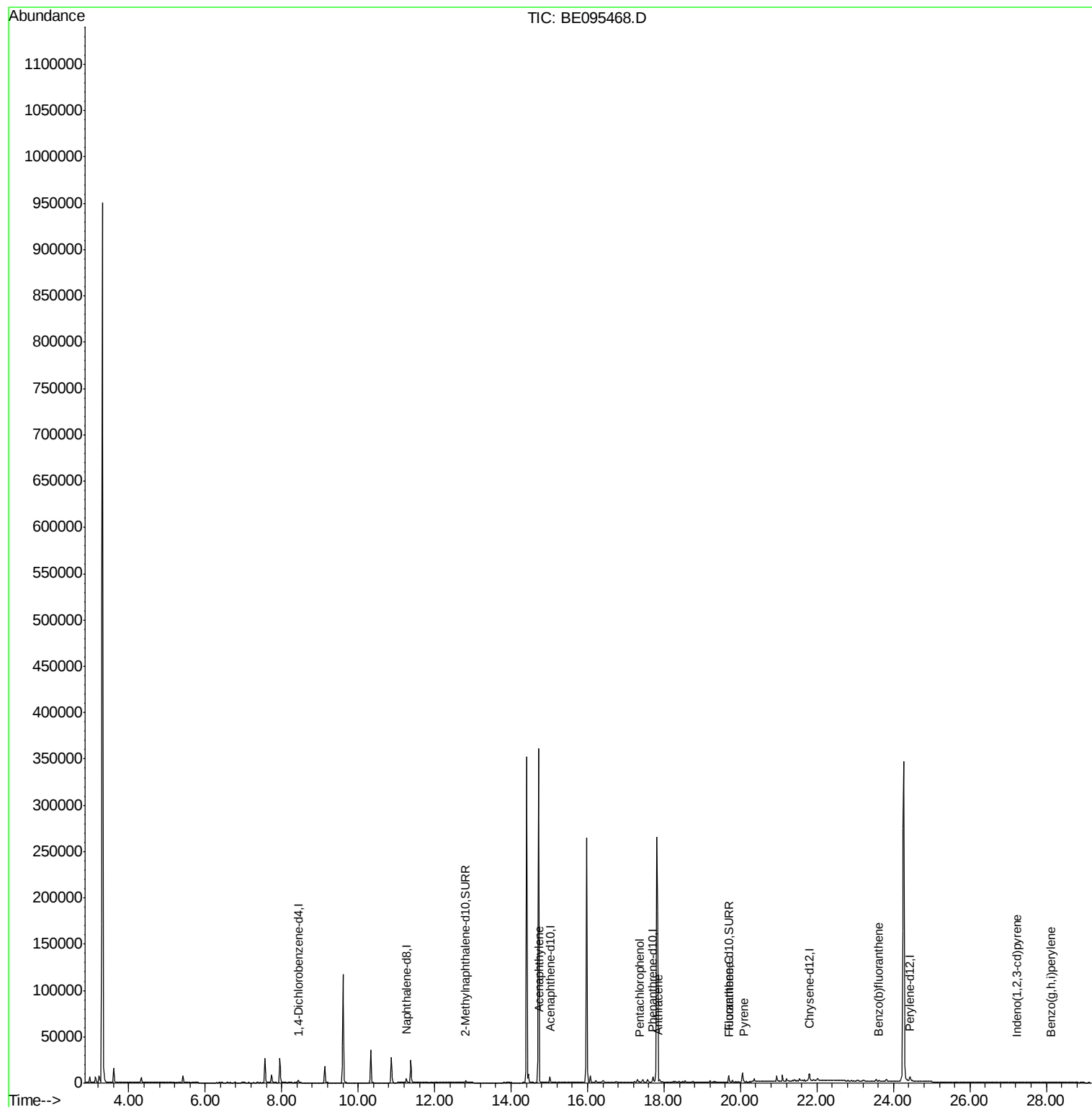
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_E\DATA\BE020318\  
Data File : BE095468.D  
Acq On : 4 Feb 2018 9:28  
Operator : SJ/JU  
Sample : J1315-17  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

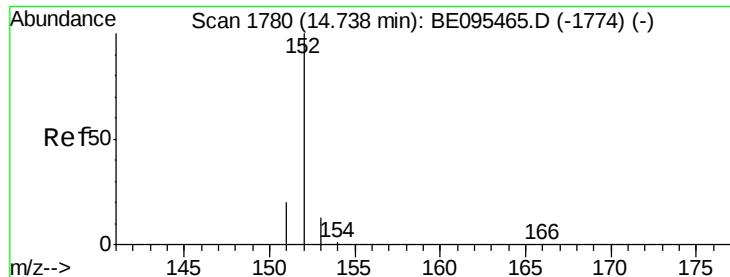
Instrument :  
BNA\_E  
ClientSampleId :  
F6C80

Manual Integrations  
APPROVED

Sohil  
2/5/2018 7:01:04 PM

Quant Time: Feb 05 07:16:19 2018  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 05 04:46:10 2018  
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095468.D

Acq: 4 Feb 2018 9:28

Instrument :

BNA\_E

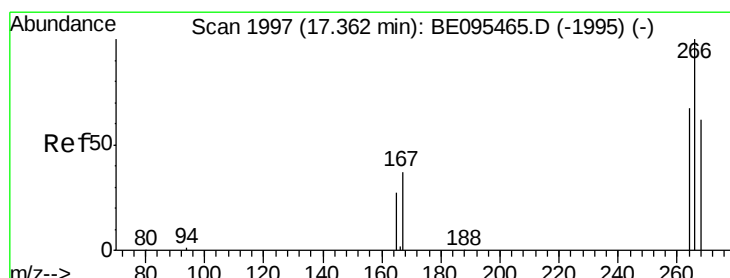
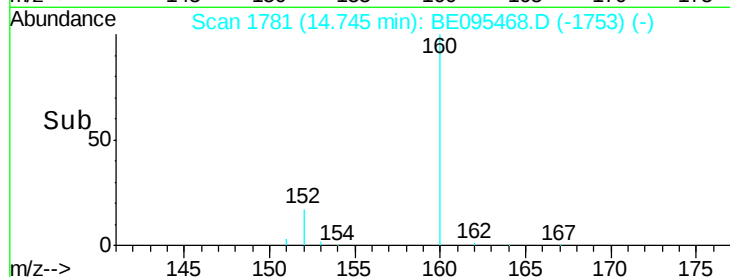
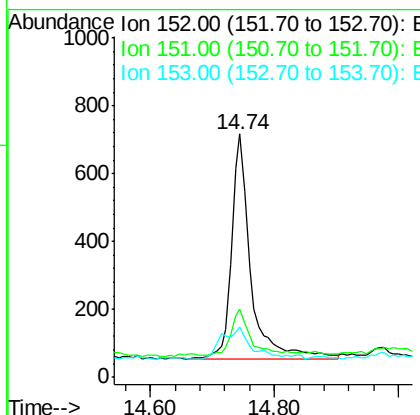
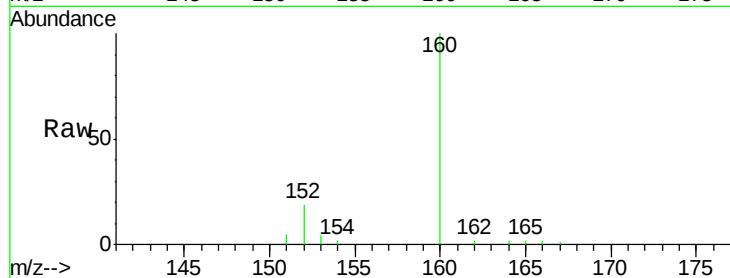
ClientSampleId :

F6C80

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 1419  |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 28.0  | 17.1  | 25.7# |
| 153       | 20.8  | 12.8  | 19.2# |

Manual Integrations  
APPROVED

Sohil  
2/5/2018 7:01:04 PM



#11

Pentachlorophenol

Concen: 0.262 ng/ul

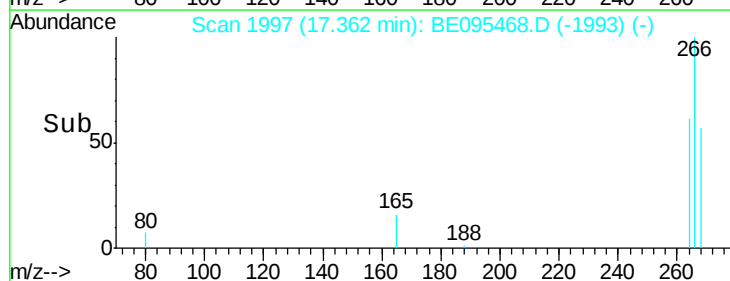
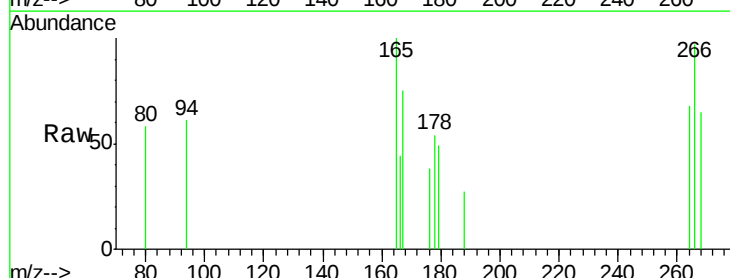
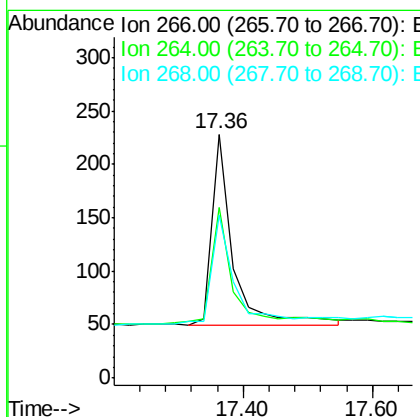
RT: 17.36 min Scan# 1997

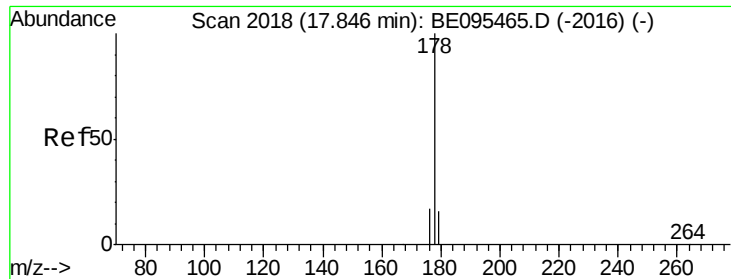
Delta R.T. 0.00 min

Lab File: BE095468.D

Acq: 4 Feb 2018 9:28

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 412  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 53.6  | 47.9  | 71.9 |
| 268       | 56.8  | 49.8  | 74.8 |





#13

Anthracene

Concen: 0.048 ng/ul m

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095468.D

Acq: 4 Feb 2018 9:28

Instrument :

BNA\_E

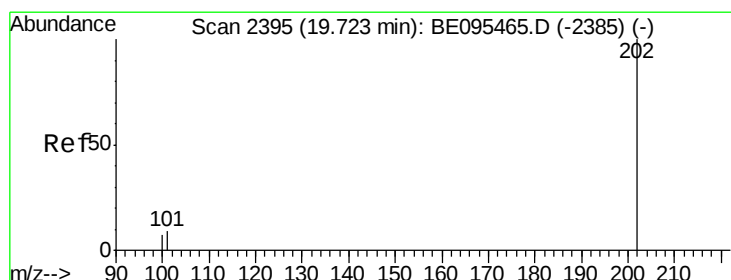
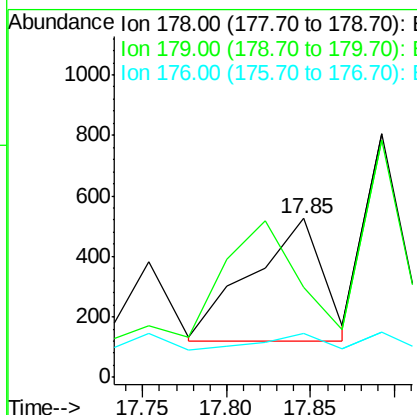
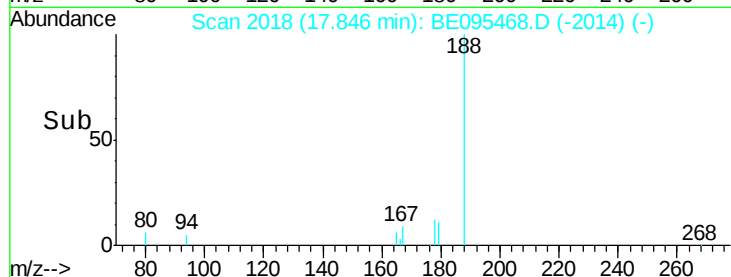
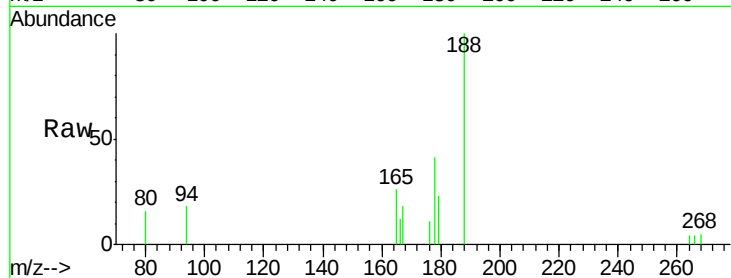
ClientSampleId :

F6C80

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 1204  |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 56.6  | 18.1  | 27.1# |
| 176       | 27.6  | 14.7  | 22.1# |

Manual Integrations  
APPROVED

Sohil  
2/5/2018 7:01:04 PM



#15

Fluoranthene

Concen: 0.021 ng/ul

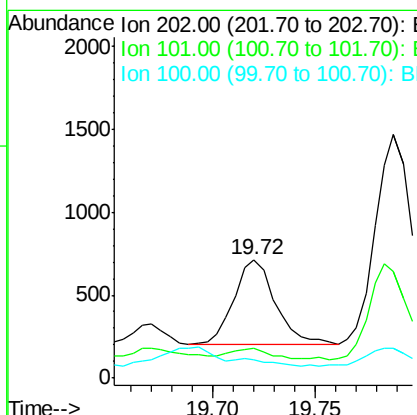
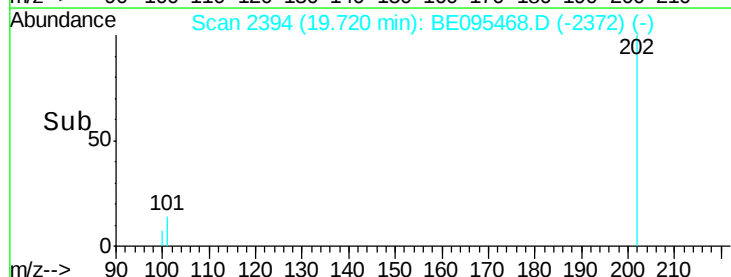
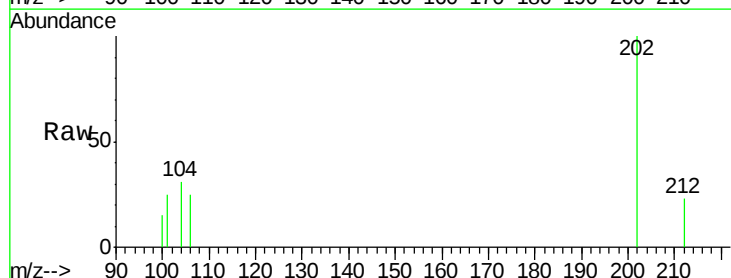
RT: 19.72 min Scan# 2394

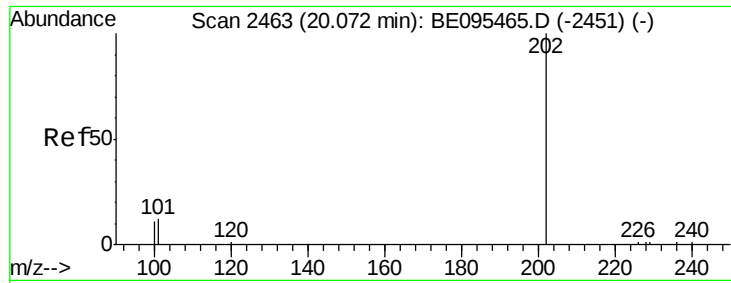
Delta R.T. 0.00 min

Lab File: BE095468.D

Acq: 4 Feb 2018 9:28

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 725  |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 24.8  | 0.0   | 30.3 |
| 100       | 15.3  | 0.0   | 39.5 |





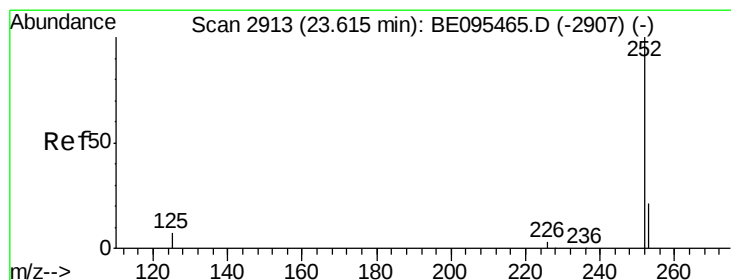
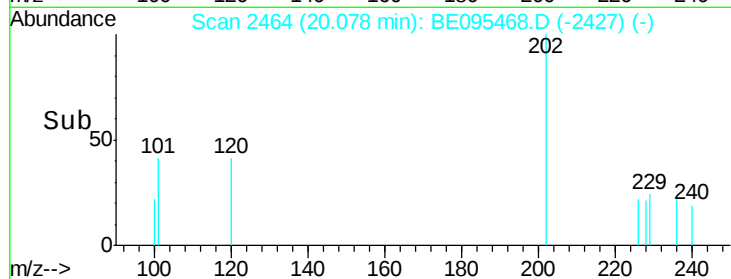
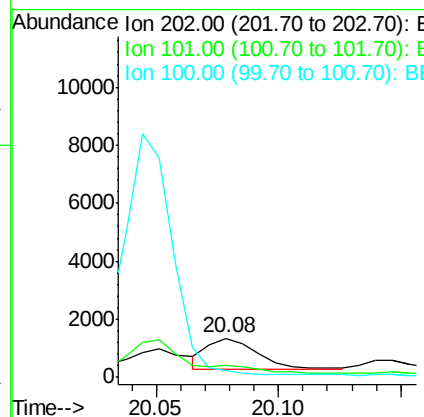
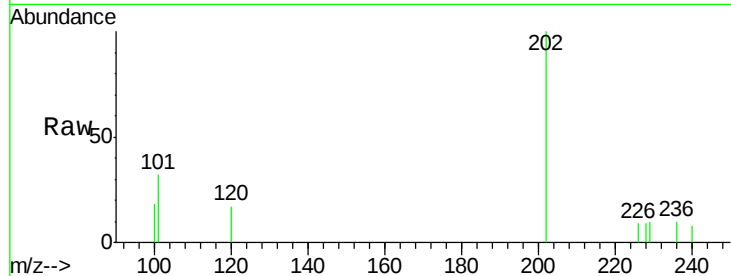
#17  
**Pyrene**  
 Concen: 0.060 ng/ul  
 RT: 20.08 min Scan# 2464  
 Delta R.T. 0.01 min  
 Lab File: BE095468.D  
 Acq: 4 Feb 2018 9:28

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C80

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 31.9  | 18.2  | 27.4# |
| 100     | 17.6  | 15.6  | 23.4  |

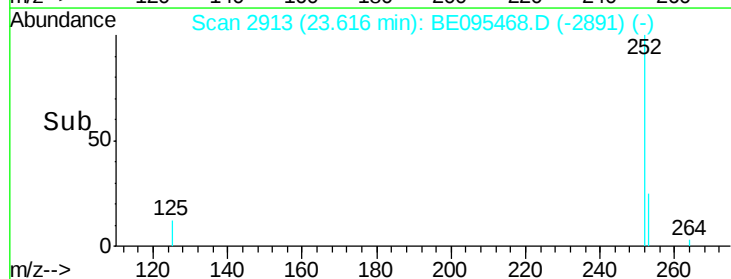
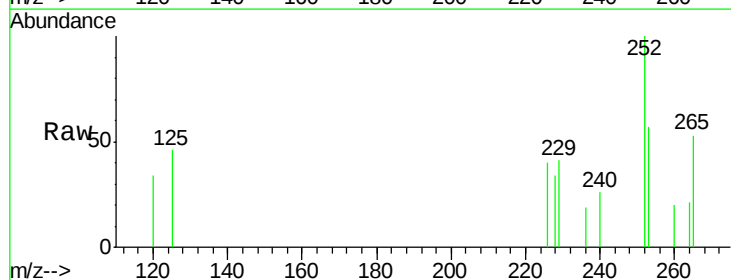
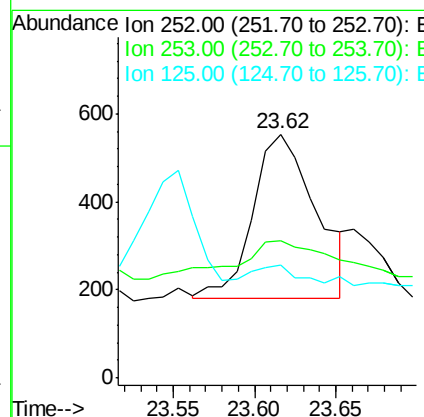
Manual Integrations  
 APPROVED

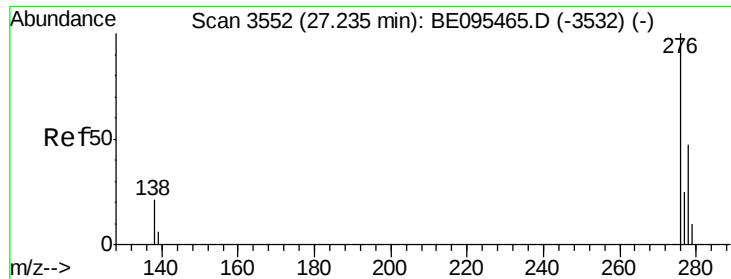
Sohil  
 2/5/2018 7:01:04 PM



#21  
**Benzo(b)fluoranthene**  
 Concen: 0.039 ng/ul m  
 RT: 23.62 min Scan# 2913  
 Delta R.T. 0.00 min  
 Lab File: BE095468.D  
 Acq: 4 Feb 2018 9:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 56.6  | 0.0   | 64.2  |
| 125     | 46.1  | 0.0   | 35.0# |





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.069 ng/ul m

RT: 27.23 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BE095468.D

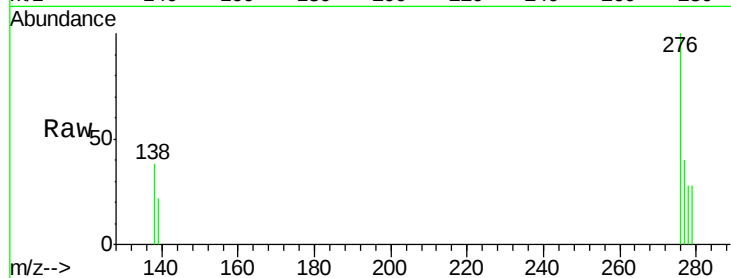
Acq: 4 Feb 2018 9:28

Instrument :

BNA\_E

ClientSampleId :

F6C80



Tgt Ion: 276 Resp: 1704

Ion Ratio Lower Upper

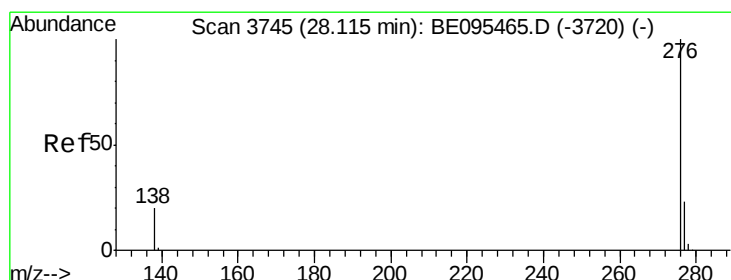
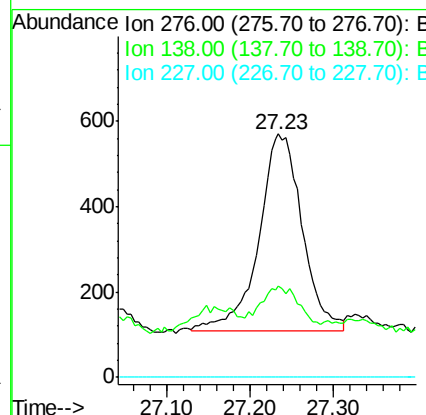
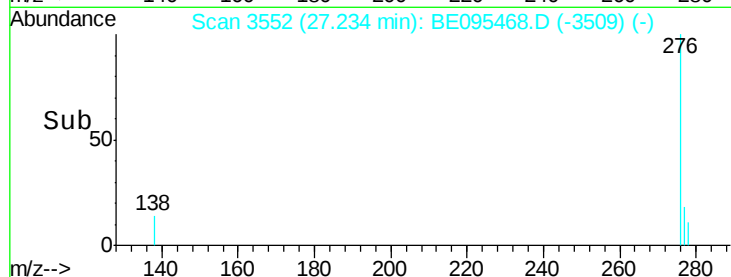
276 100

138 8.9 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations  
APPROVED

Sohil  
2/5/2018 7:01:04 PM



#26

Benzo(g,h,i)perylene

Concen: 0.076 ng/ul m

RT: 28.12 min Scan# 3746

Delta R.T. -0.00 min

Lab File: BE095468.D

Acq: 4 Feb 2018 9:28

Tgt Ion: 276 Resp: 1604

Ion Ratio Lower Upper

276 100

138 41.3 21.8 32.8#

277 44.6 20.5 30.7#

