

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\  
 Data File : BE095803.D  
 Acq On : 15 Mar 2018 14:49  
 Operator : SJ/JU  
 Sample : J1835-15DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6F14DL

Manual Integrations  
 APPROVED

Sohil  
 3/16/2018 12:01:01 PM

Quant Time: Mar 16 02:08:13 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 01:12:14 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.45  | 152  | 1987     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.28 | 136  | 5679     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.04 | 164  | 3322     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.75 | 188  | 6348m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.84 | 240  | 6349m    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.51 | 264  | 6282m    | 0.40  | ng/ul  | 0.02     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.83 | 152  | 559      | 0.06  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.72 | 212  | 1232m    | 0.06  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 11.33 | 128  | 1421     | 0.090 | ng/ul# | 84       |
| 5) 2-Methylnaphthalene      | 12.90 | 142  | 1647     | 0.149 | ng/ul  | 99       |
| 12) Phenanthrene            | 17.79 | 178  | 4063m    | 0.214 | ng/ul  |          |
| 17) Pyrene                  | 20.11 | 202  | 3283m    | 0.136 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.85 | 228  | 8271m    | 0.404 | ng/ul  |          |
| 19) Chrysene                | 21.86 | 228  | 2658m    | 0.127 | ng/ul  |          |

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

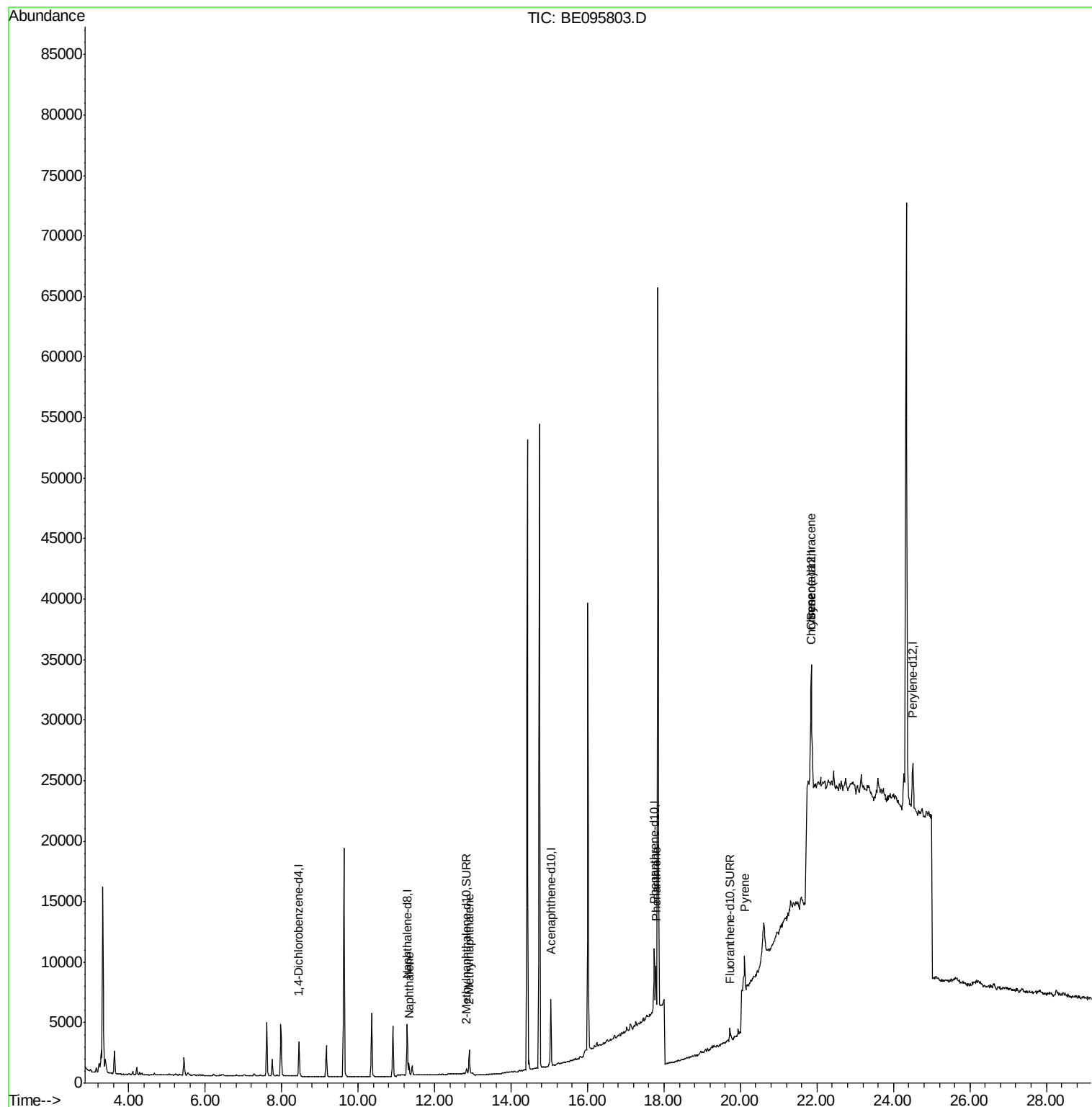
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\  
Data File : BE095803.D  
Acq On : 15 Mar 2018 14:49  
Operator : SJ/JU  
Sample : J1835-15DL 5X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

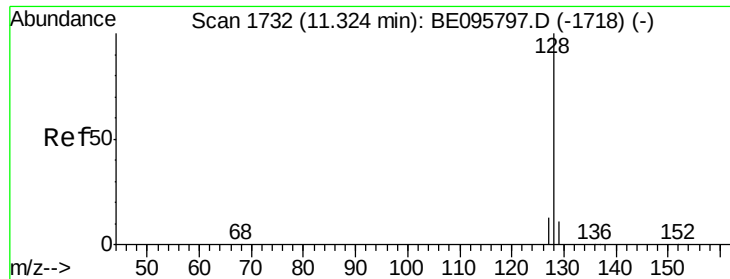
Instrument :  
BNA\_E  
ClientSampleId :  
F6F14DL

Manual Integrations  
APPROVED

Sohil  
3/16/2018 12:01:01 PM

Quant Time: Mar 16 02:08:13 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 16 01:12:14 2018  
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.090 ng/ul

RT: 11.33 min Scan# 1734

Delta R.T. 0.01 min

Lab File: BE095803.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA\_E

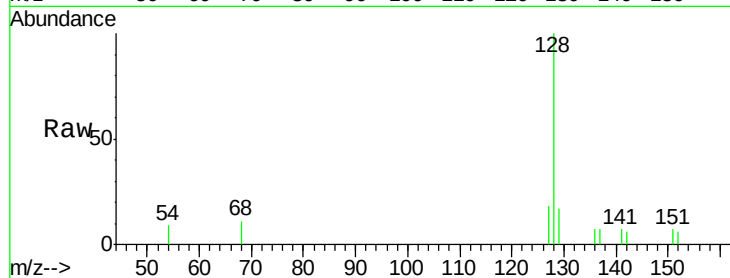
ClientSampleId :

F6F14DL

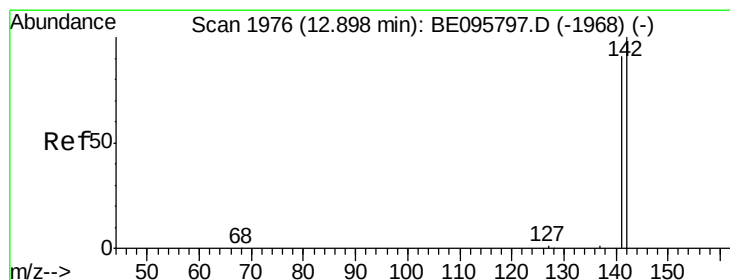
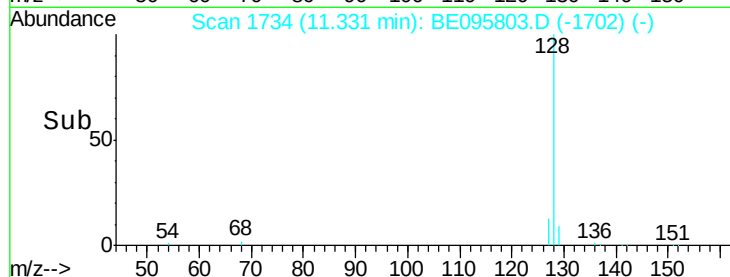
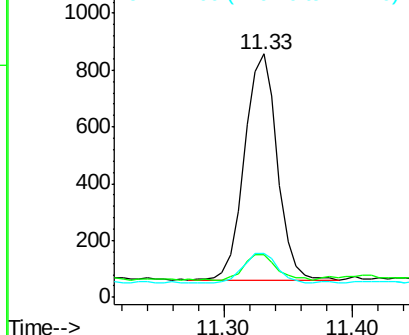
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 1421  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 17.4  | 11.3  | 16.9# |
| 127       | 18.0  | 4.0   | 6.0#  |

Manual Integrations  
APPROVED

Sohil  
3/16/2018 12:01:01 PM



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.149 ng/ul

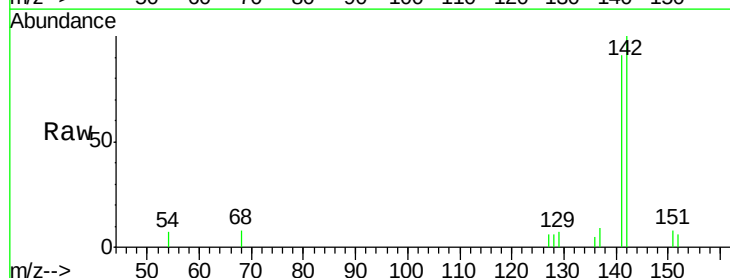
RT: 12.90 min Scan# 1978

Delta R.T. 0.01 min

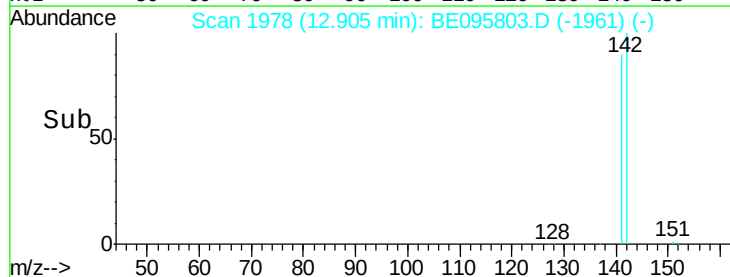
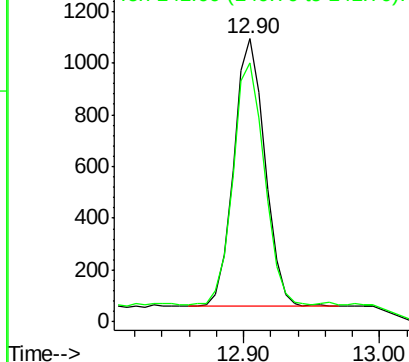
Lab File: BE095803.D

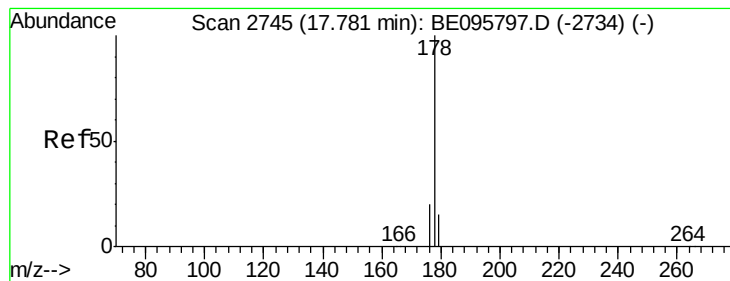
Acq: 15 Mar 2018 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 1647  |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 91.3  | 72.6  | 108.8 |



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.214 ng/ul m

RT: 17.79 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BE095803.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA\_E

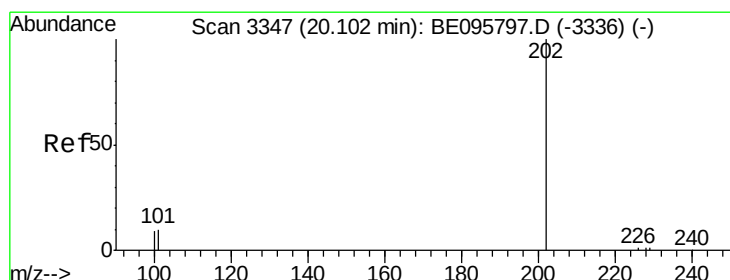
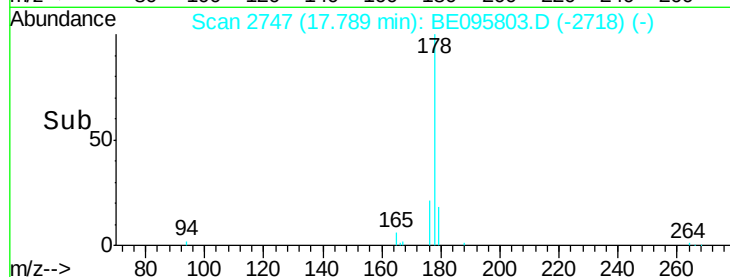
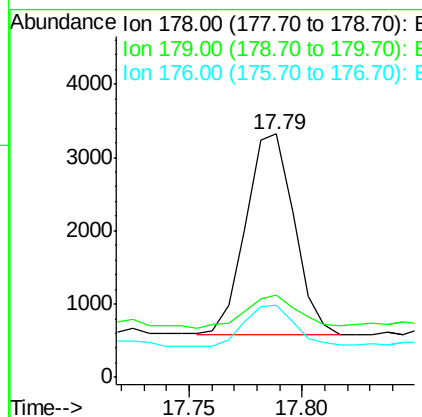
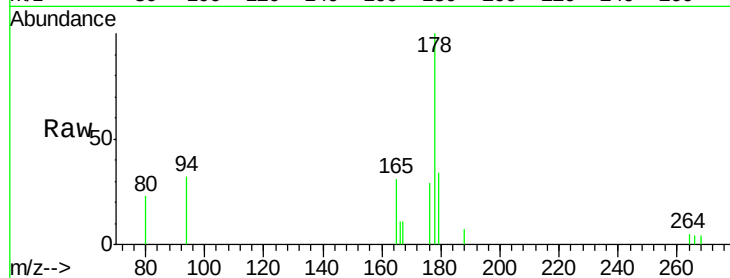
ClientSampleId :

F6F14DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 178   | Resp: | 4063  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 33.9  | 18.4  | 27.6# |
| 176      | 29.3  | 13.6  | 20.4# |

Manual Integrations  
APPROVED

Sohil  
3/16/2018 12:01:01 PM



#17

Pyrene

Concen: 0.136 ng/ul m

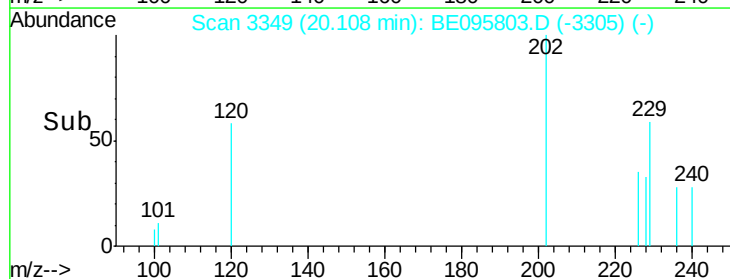
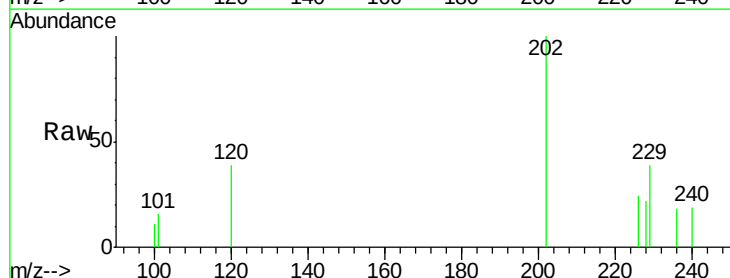
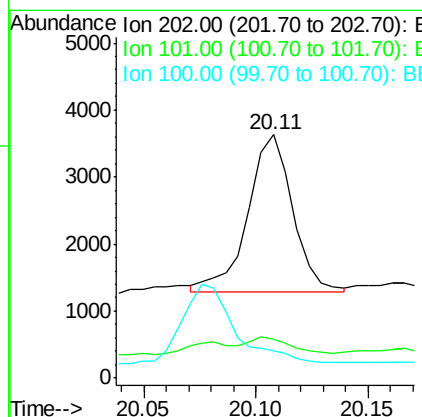
RT: 20.11 min Scan# 3349

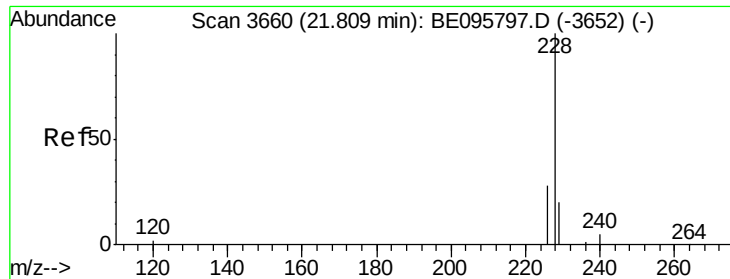
Delta R.T. 0.01 min

Lab File: BE095803.D

Acq: 15 Mar 2018 14:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 3283  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 16.1  | 18.2  | 27.4# |
| 100      | 11.4  | 15.6  | 23.4# |





#18

Benzo(a)anthracene

Concen: 0.404 ng/ul m

RT: 21.85 min Scan# 3667

Delta R.T. 0.04 min

Lab File: BE095803.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA\_E

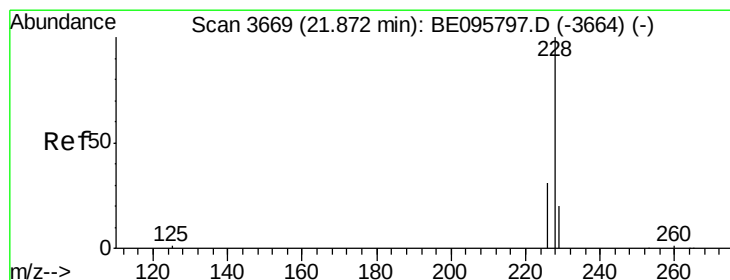
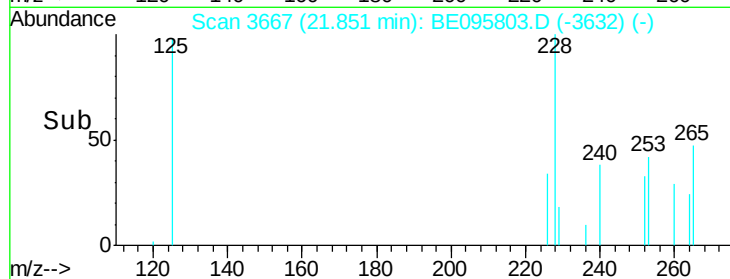
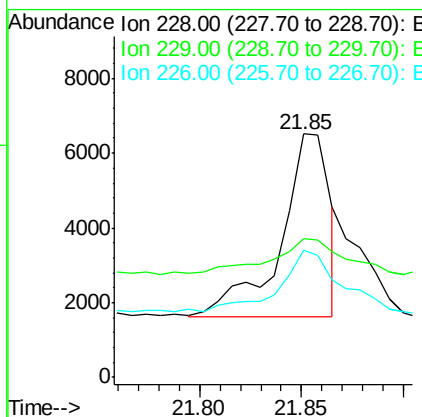
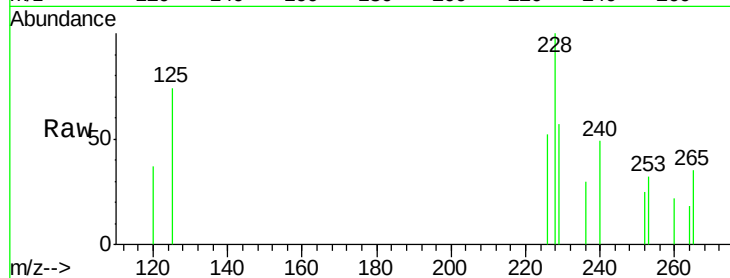
ClientSampleId :

F6F14DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 57.1  | 22.8  | 34.2# |
| 226     | 52.4  | 17.0  | 25.6# |

Manual Integrations  
APPROVED

Sohil  
3/16/2018 12:01:01 PM



#19

Chrysene

Concen: 0.127 ng/ul m

RT: 21.86 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BE095803.D

Acq: 15 Mar 2018 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 57.3  | 23.4  | 35.0# |
| 229     | 74.1  | 17.7  | 26.5# |

