

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\  
 Data File : BM025262.D  
 Acq On : 04 Mar 2020 22:22  
 Operator : CG/JU  
 Sample : L1516-15  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBD73

Manual Integrations  
 APPROVED

mohammad  
 3/5/2020 7:57:49 AM

Quant Time: Mar 05 01:25:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 08:02:03 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 5646     | 0.40   | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.44 | 136  | 24996    | 0.40   | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 18494    | 0.40   | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 44259m   | 0.40   | ng/ul | 0.00     |
| 16) Chrysene-d12            | 21.23 | 240  | 44018    | 0.40   | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.42 | 264  | 41416    | 0.40   | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 4) 2-Methylnaphthalene-d10  | 12.04 | 152  | 13554    | 0.29   | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.07 | 212  | 40453    | 0.28   | ng/ul | 0.00     |
| Target Compounds            |       |      |          | Ovalue |       |          |
| 8) Acenaphthene             | 14.36 | 153  | 4743     | 0.071  | ng/ul | 99       |
| 9) Fluorene                 | 15.35 | 166  | 4436     | 0.053  | ng/ul | 98       |
| 12) Phenanthrene            | 17.09 | 178  | 22258    | 0.156  | ng/ul | 97       |
| 15) Fluoranthene            | 19.10 | 202  | 19289    | 0.108  | ng/ul | 97       |
| 17) Pyrene                  | 19.47 | 202  | 11527    | 0.069  | ng/ul | 99       |

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

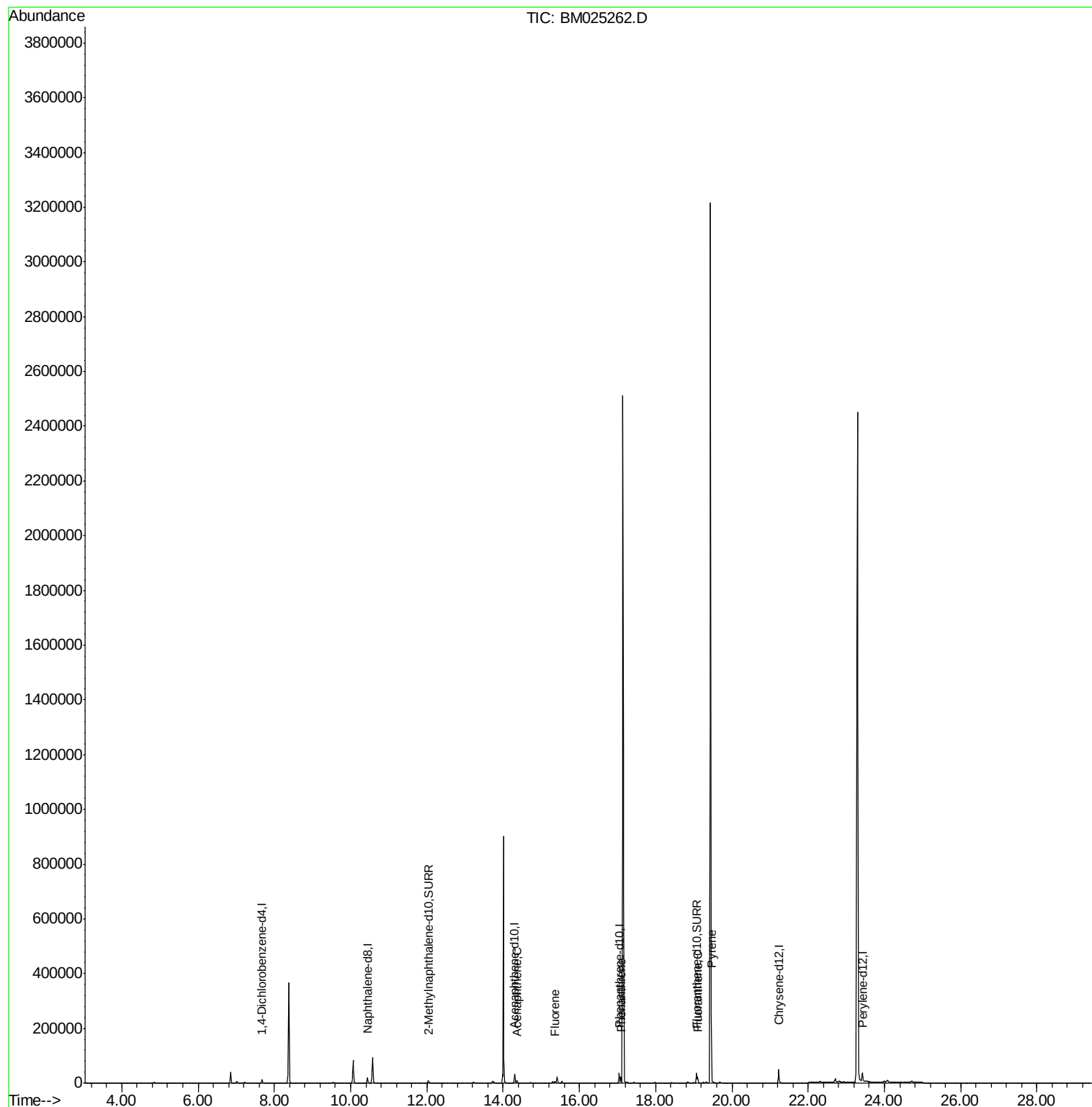
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\  
Data File : BM025262.D  
Acq On : 04 Mar 2020 22:22  
Operator : CG/JU  
Sample : L1516-15  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

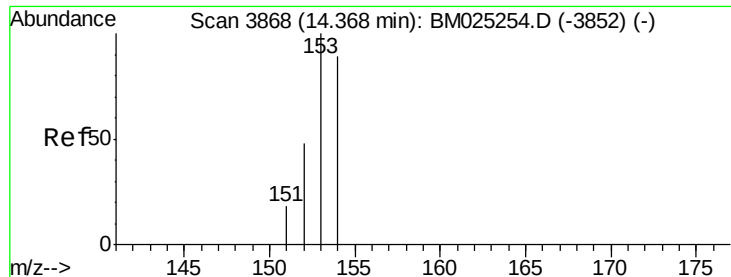
Instrument :  
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QLast Update : Wed Mar 04 08:02:03 2020  
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.071 ng/ul

RT: 14.36 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BM025262.D

Acq: 04 Mar 2020 22:22

Instrument :

BNA\_M

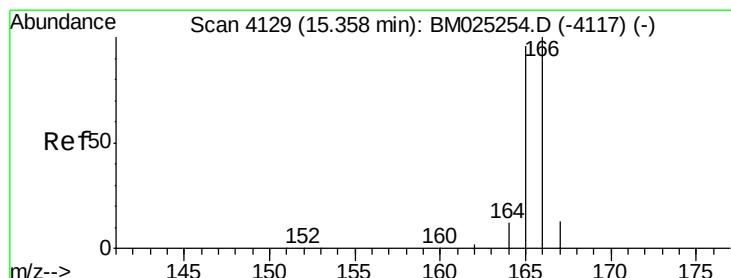
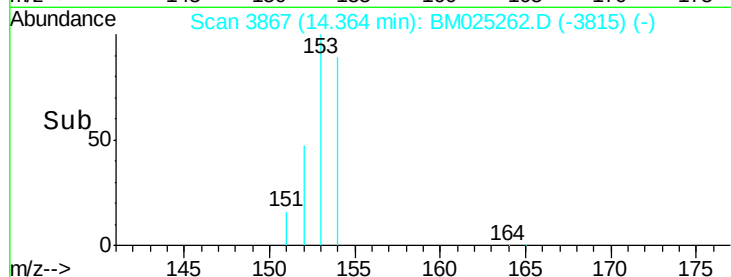
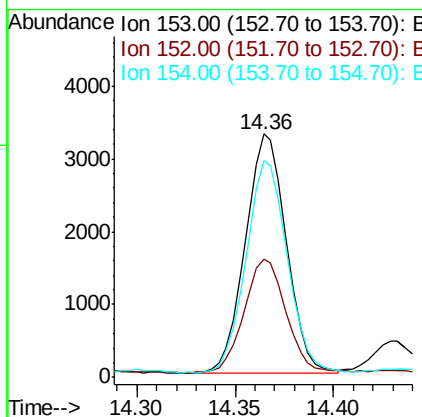
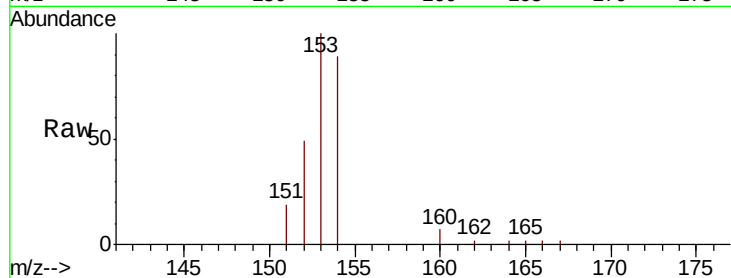
ClientSampleId :

DBD73

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 48.7  | 40.0  | 60.0  |
| 154     | 89.2  | 71.0  | 106.6 |

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#9

Fluorene

Concen: 0.053 ng/ul

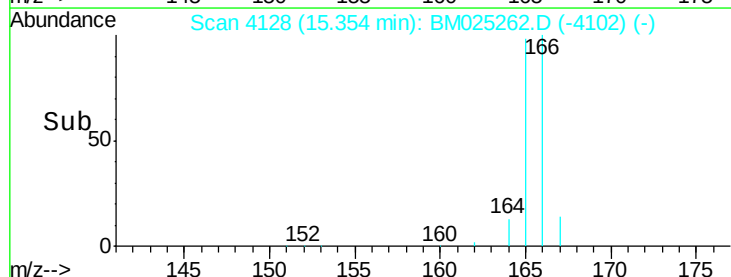
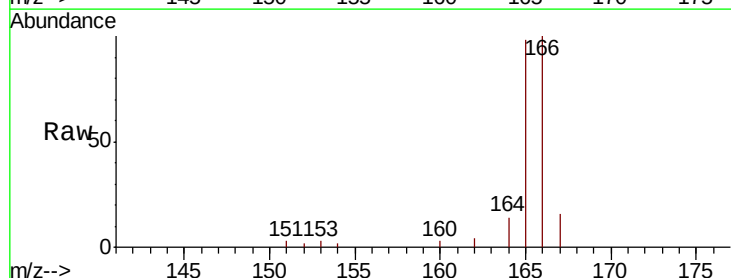
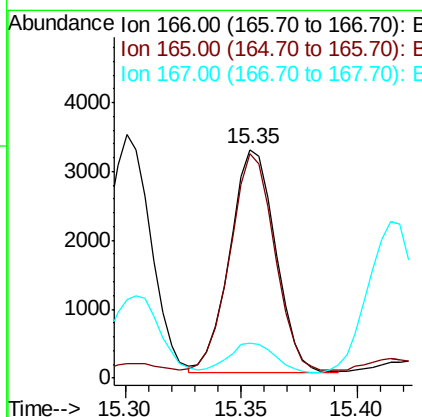
RT: 15.35 min Scan# 4128

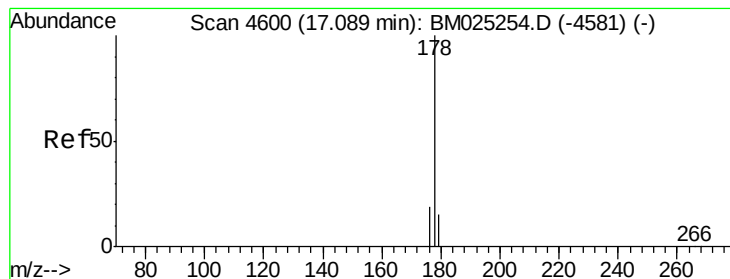
Delta R.T. -0.00 min

Lab File: BM025262.D

Acq: 04 Mar 2020 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 80.0  | 120.0 |
| 167     | 15.5  | 13.7  | 20.5  |





#12

Phenanthrene

Concen: 0.156 ng/ul

RT: 17.09 min Scan# 4599

Delta R.T. -0.00 min

Lab File: BM025262.D

Acq: 04 Mar 2020 22:22

Instrument :

BNA\_M

ClientSampleId :

DBD73

Tot Ion:178 Resp: 22258

Ion Ratio Lower Upper

178 100

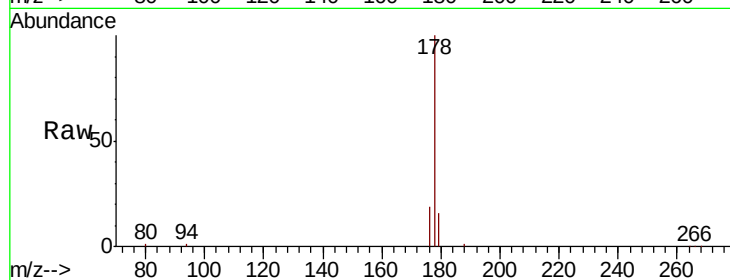
179 16.2 14.0 21.0

176 19.2 16.6 24.8

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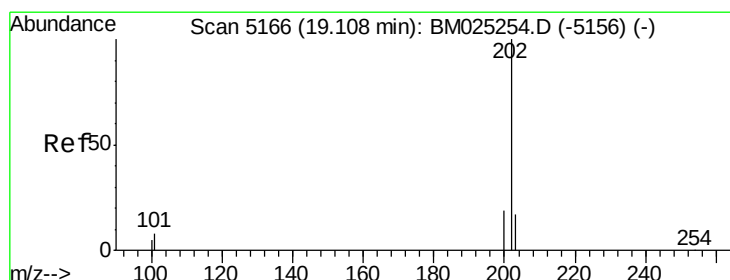
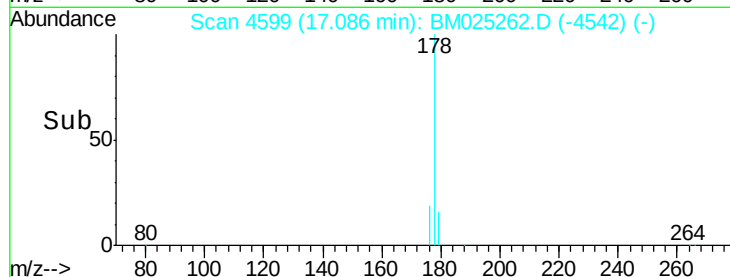
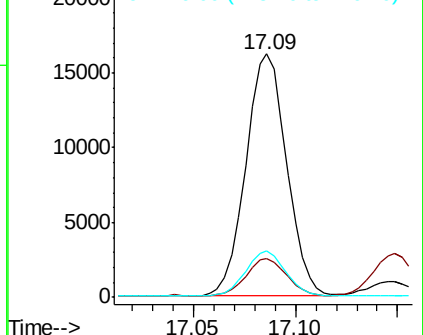


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.108 ng/ul

RT: 19.10 min Scan# 5165

Delta R.T. -0.00 min

Lab File: BM025262.D

Acq: 04 Mar 2020 22:22

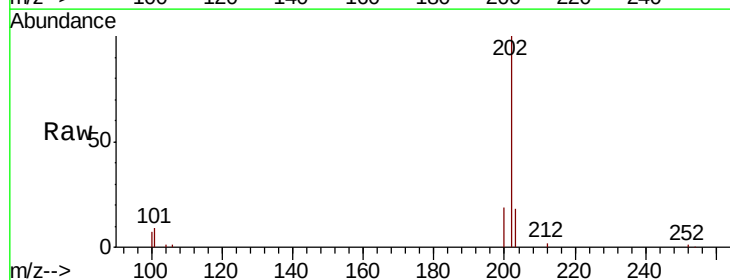
Tgt Ion:202 Resp: 19289

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.4

100 6.7 0.0 28.0

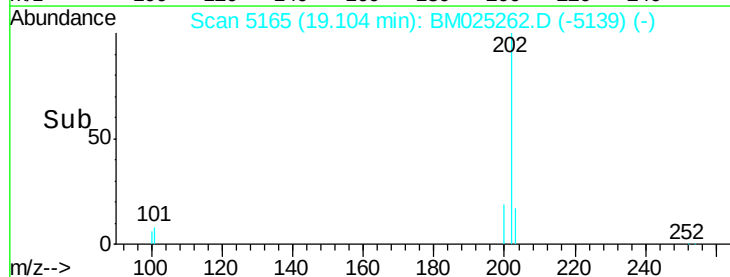
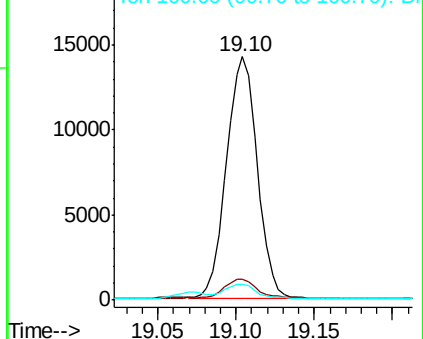


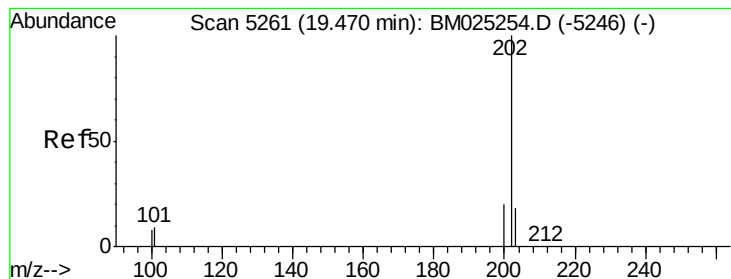
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.069 ng/ul

RT: 19.47 min Scan# 5260

Delta R.T. -0.00 min

Lab File: BM025262.D

Acq: 04 Mar 2020 22:22

Instrument :

BNA\_M

ClientSampleId :

DBD73

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 11527 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 10.7  | 8.7   | 13.1  |
| 100       | 10.0  | 7.3   | 10.9  |

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