

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE121515\  
 Data File : BE091348.D  
 Acq On : 15 Dec 2015 7:21  
 Operator : UM/SJ  
 Sample : G4734-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4KW4

Manual Integrations  
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Quant Time: Dec 15 08:18:34 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE121515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 04:50:57 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 9349     | 0.40 | ng/ul  | -0.07    |
| 4) Naphthalene-d8           | 9.54  | 136  | 46661    | 0.40 | ng/ul  | -0.04    |
| 8) Acenaphthene-d10         | 13.36 | 164  | 19547    | 0.40 | ng/ul  | -0.01    |
| 12) Phenanthrene-d10        | 16.08 | 188  | 53115m   | 0.40 | ng/ul  | -0.02    |
| 18) Chrysene-d12            | 20.23 | 240  | 47949    | 0.40 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.10 | 264  | 81361m   | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 2) 1,4-Dioxane-d8           | 2.95  | 96   | 11765    | 1.79 | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.07 | 152  | 11148    | 0.35 | ng/ul  | -0.02    |
| 16) Fluoranthene-d10        | 18.06 | 212  | 33404    | 0.37 | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |      |        |          |
| 10) Acenaphthene            | 13.42 | 153  | 4931     | 0.07 | ng/ul  | 92       |
| 13) Pentachlorophenol       | 15.85 | 266  | 805      | 0.21 | ng/ul# | 85       |
| 17) Fluoranthene            | 18.09 | 202  | 14213    | 0.03 | ng/ul  | 94       |

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

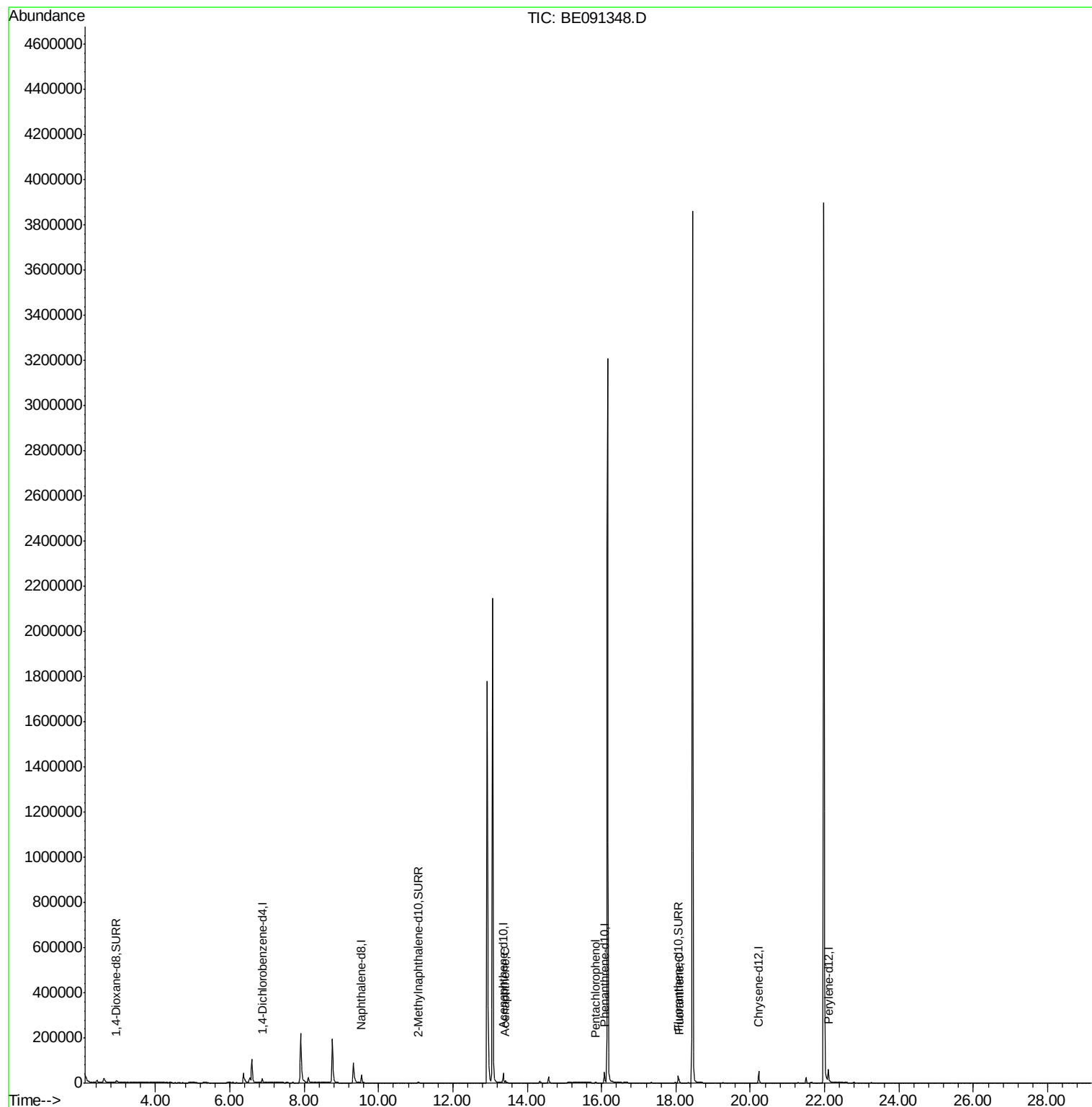
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE121515\  
Data File : BE091348.D  
Acq On : 15 Dec 2015 7:21  
Operator : UM/SJ  
Sample : G4734-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

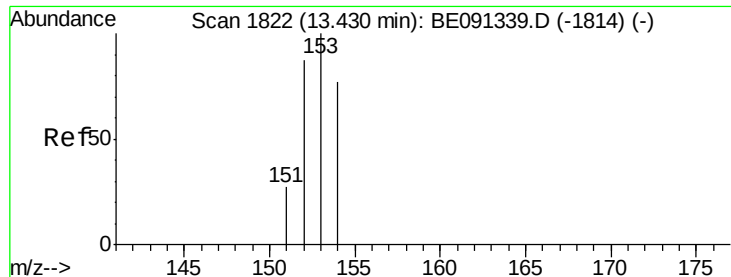
Instrument :  
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QLast Update : Tue Dec 15 04:50:57 2015  
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#10

Acenaphthene

Concen: 0.07 ng/ul

RT: 13.42 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BE091348.D

Acq: 15 Dec 2015 7:21

Instrument :

BNA\_E

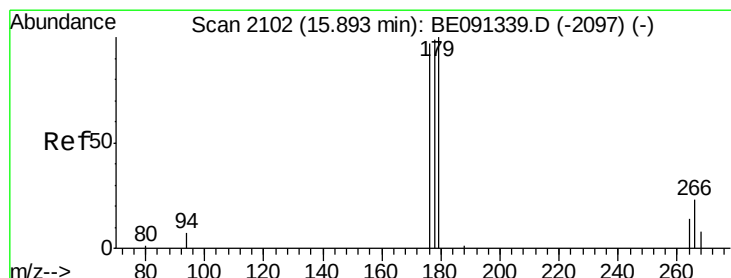
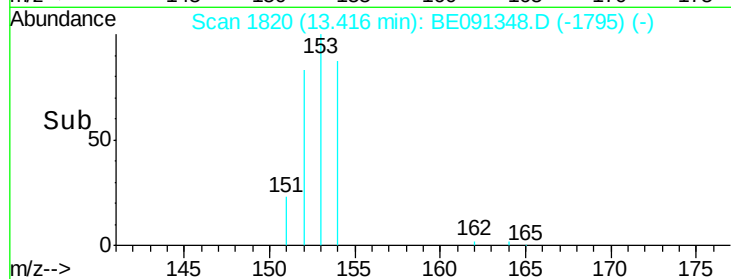
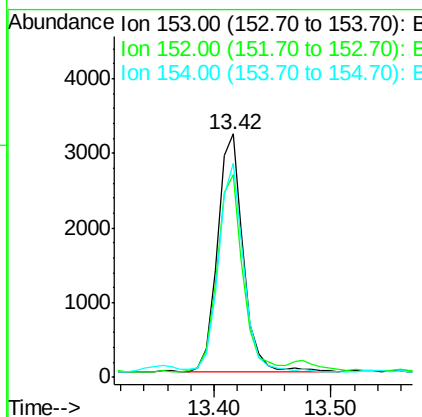
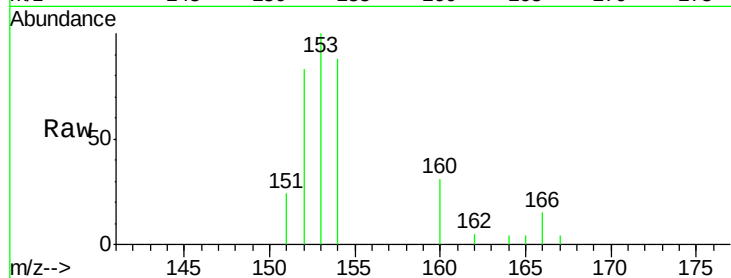
ClientSampleId :

A4KW4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 153   | Resp: | 4931  |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 83.2  | 70.5  | 105.7 |
| 154       | 88.2  | 62.3  | 93.5  |

Manual Integrations  
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#13

Pentachlorophenol

Concen: 0.21 ng/ul

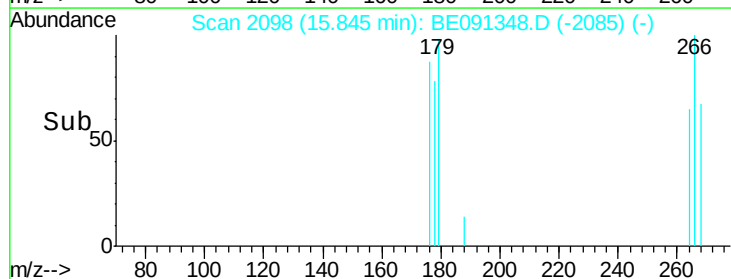
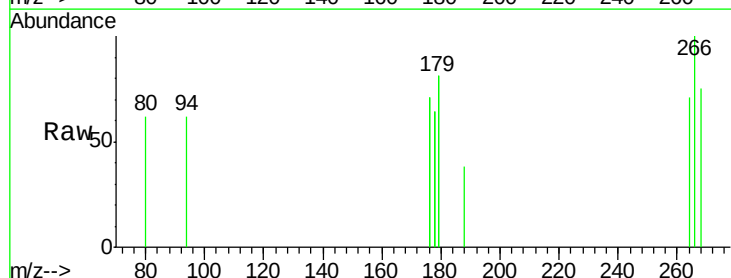
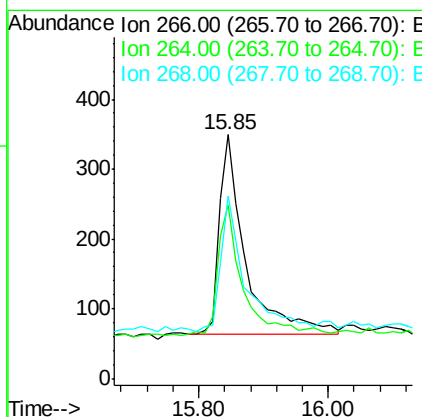
RT: 15.85 min Scan# 2098

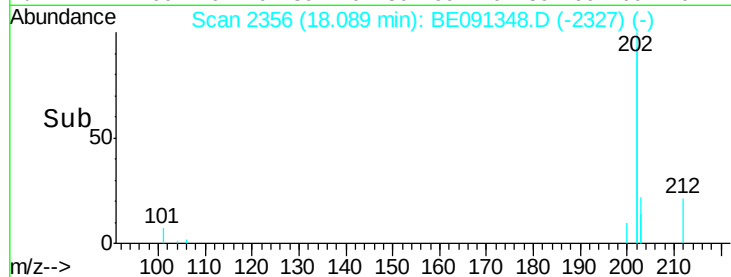
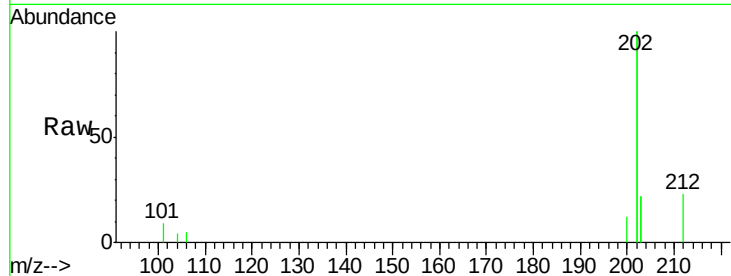
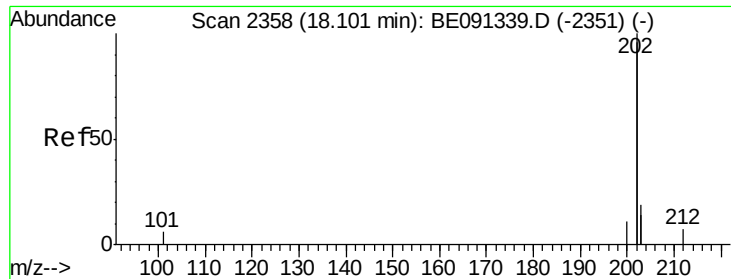
Delta R.T. -0.05 min

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 805   |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 63.9  | 54.7  | 82.1  |
| 268       | 64.8  | 36.2  | 54.2# |





#17  
 Fluoranthene  
 Concen: 0.03 ng/ul  
 RT: 18.09 min Scan# 2356  
 Delta R.T. -0.01 min  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 14213 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 4.4   | 0.0   | 23.6  |
| 203       | 21.8  | 0.0   | 38.7  |

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