

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP021721\  
 Data File : BP004804.D  
 Acq On : 18 Feb 2021 11:14  
 Operator : CG/JU  
 Sample : M1407-07DL2 50X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBGK7DL2

Manual Integrations  
 APPROVED

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 2/18/2021 1:40:47 PM

Quant Time: Feb 18 13:57:06 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 15 12:16:19 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.78  | 152  | 49393    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 196433   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.42 | 164  | 123973   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.17 | 188  | 264756   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.26 | 240  | 280321   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.57 | 264  | 281370   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 70     | 0.05 | ng/uL | -0.01 |
| 5) Phenol-d5                   | 6.96  | 99  | 463m   | 0.12 | ng/ul | 0.02  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67  | 1034   | 0.50 | ng/ul | 0.01  |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 1668   | 0.56 | ng/ul | 0.02  |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 871    | 0.28 | ng/ul | 0.02  |
| 19) Nitrobenzene-d5            | 8.94  | 128 | 843m   | 0.62 | ng/ul | 0.02  |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 805    | 0.54 | ng/ul | 0.01  |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 1430   | 0.48 | ng/ul | 0.02  |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 298m   | 0.09 | ng/ul | 0.05  |
| 44) Dimethylphthalate-d6       | 13.83 | 166 | 6421   | 0.71 | ng/ul | 0.01  |
| 47) Acenaphthylene-d8          | 14.11 | 160 | 6861   | 0.63 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00 | ng/ul |       |
| 58) Fluorene-d10               | 15.42 | 176 | 5691   | 0.74 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d     | 0.00 | ng/ul |       |
| 71) Anthracene-d10             | 17.27 | 188 | 11494m | 0.98 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.52 | 212 | 11091  | 0.85 | ng/ul | 0.01  |
| 90) Benzo(a)pyrene-d12         | 23.42 | 264 | 11066  | 0.78 | ng/ul | 0.00  |

## Target Compounds

|                         |       |     |        |        | Ovalue   |
|-------------------------|-------|-----|--------|--------|----------|
| 28) Naphthalene         | 10.62 | 128 | 207656 | 20.536 | ng/ul 97 |
| 34) 2-Methylnaphthalene | 12.23 | 142 | 12639  | 1.734  | ng/ul 98 |
| 50) Acenaphthene        | 14.49 | 153 | 10752  | 1.401  | ng/ul 93 |
| 54) Dibenzofuran        | 14.82 | 168 | 12740  | 1.161  | ng/ul 92 |
| 75) Carbazole           | 17.59 | 167 | 17622  | 1.403  | ng/ul 95 |

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

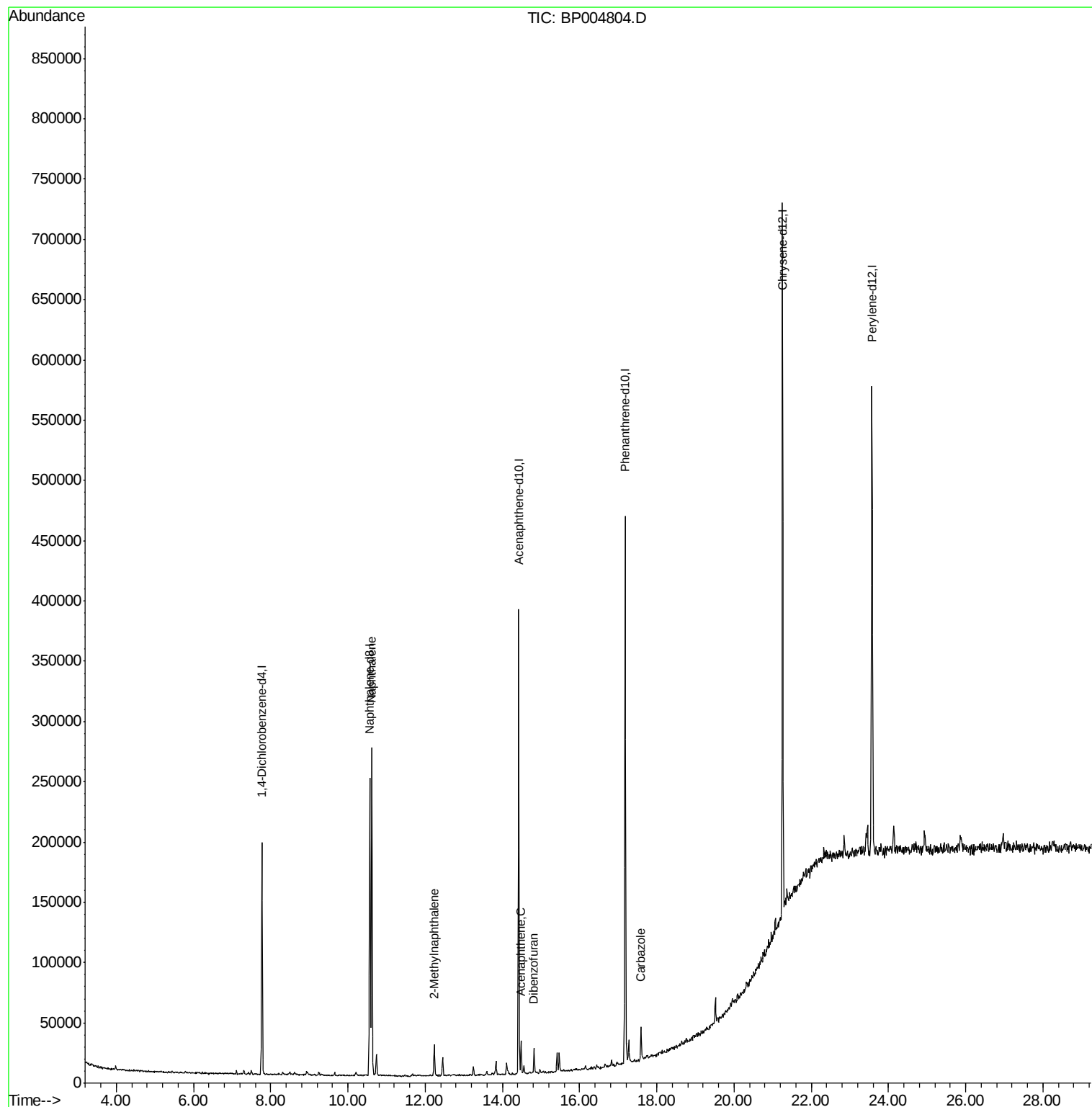
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\  
Data File : BP004804.D  
Acq On : 18 Feb 2021 11:14  
Operator : CG/JU  
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ALS Vial : 40 Sample Multiplier: 1

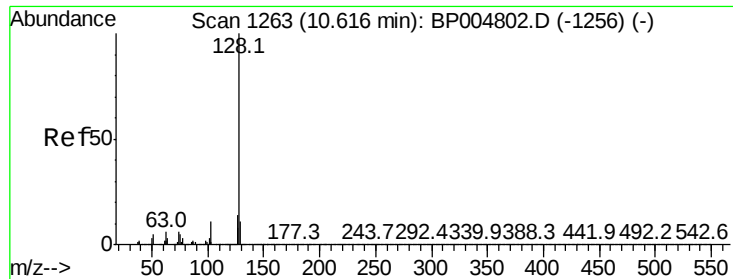
Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Time: Feb 18 13:57:06 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION  
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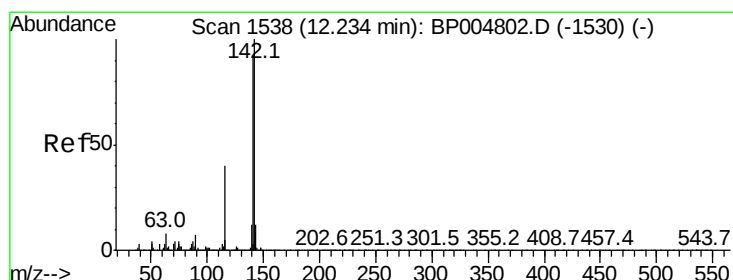
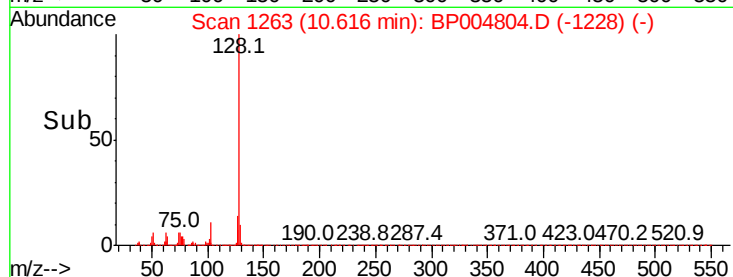
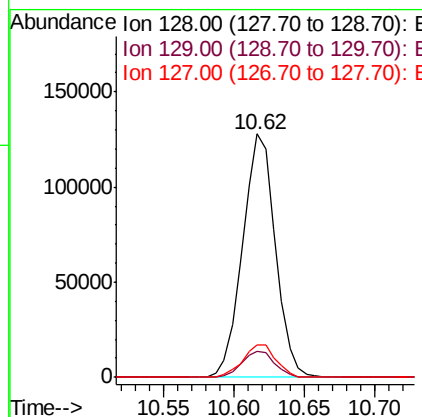
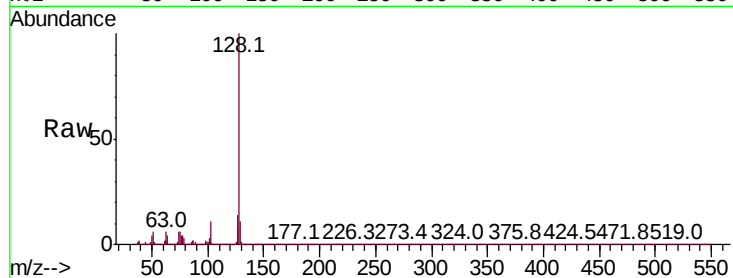
#28  
Naphthalene  
Concen: 20.536 ng/ul  
RT: 10.62 min Scan# 1263  
Delta R.T. 0.01 min  
Lab File: BP004804.D  
Acq: 18 Feb 2021 11:14

Instrument :  
BNA\_P  
ClientSampleId :  
DBGK7DL2

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 129     | 10.5  | 9.2        | 13.8  |
| 127     | 13.6  | 11.7       | 17.5  |

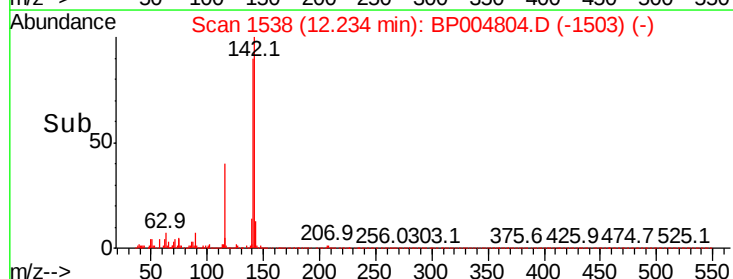
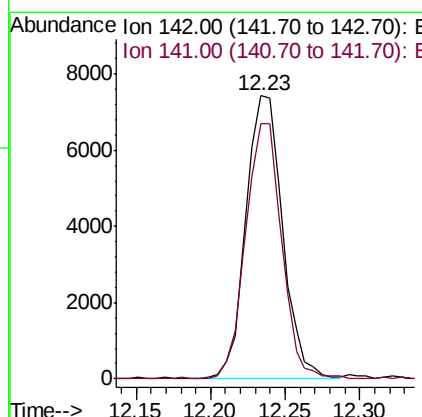
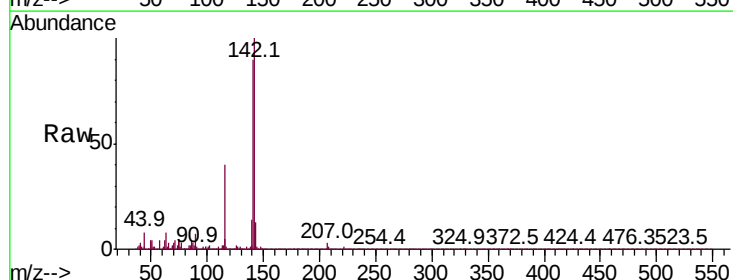
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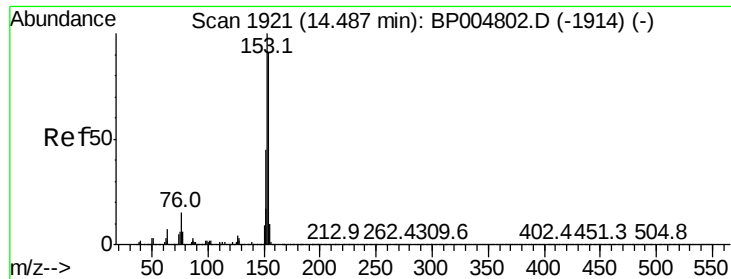
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#34  
2-Methylnaphthalene  
Concen: 1.734 ng/ul  
RT: 12.23 min Scan# 1538  
Delta R.T. 0.01 min  
Lab File: BP004804.D  
Acq: 18 Feb 2021 11:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 142     | 100   |            |       |
| 141     | 90.2  | 70.4       | 105.6 |





#50

Acenaphthene

Concen: 1.401 ng/ul

RT: 14.49 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BP004804.D

Acq: 18 Feb 2021 11:14

Instrument :

BNA\_P

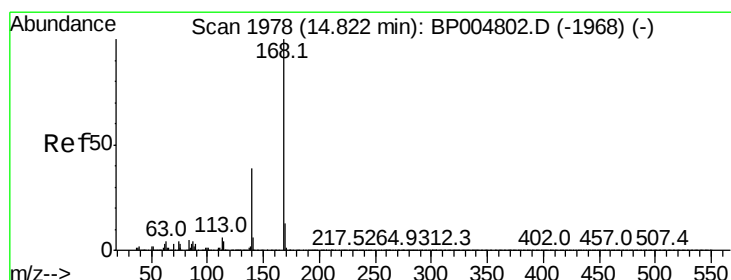
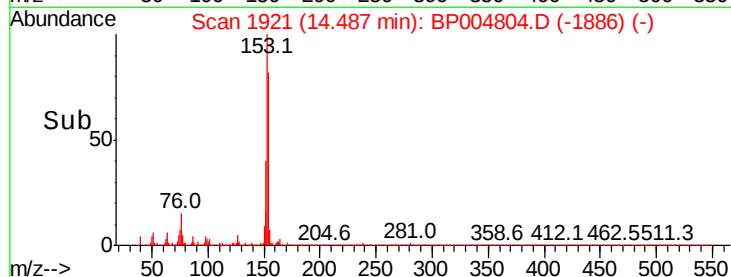
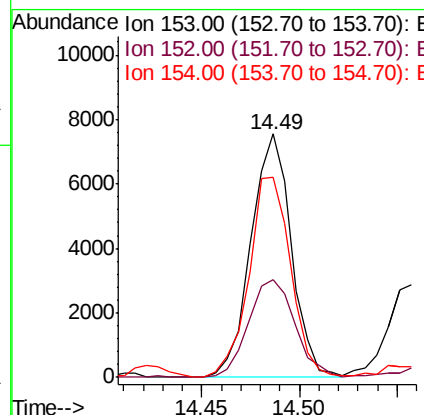
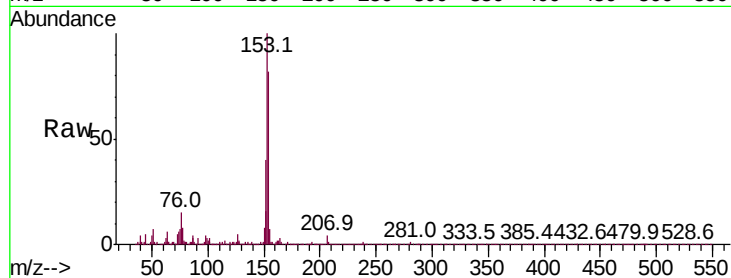
ClientSampleId :

DBGK7DL2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 153   | Resp: | 10752 |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 40.2  | 37.0  | 55.4  |
| 154       | 82.1  | 70.1  | 105.1 |

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#54

Dibenzofuran

Concen: 1.161 ng/ul

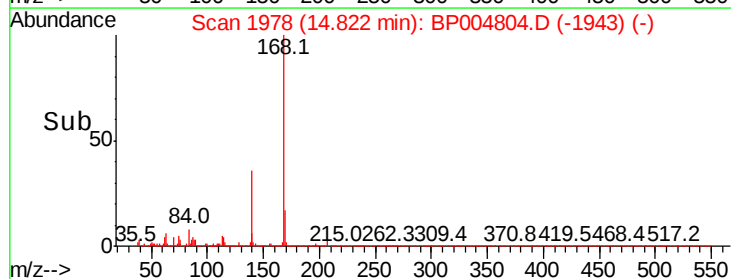
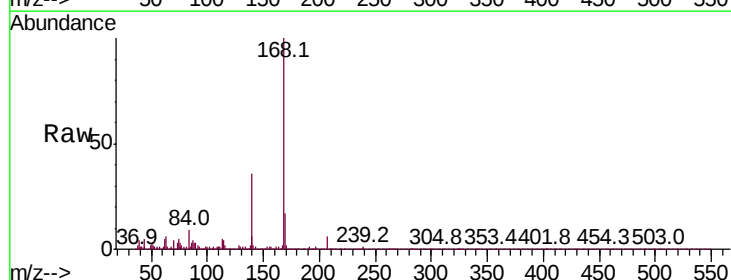
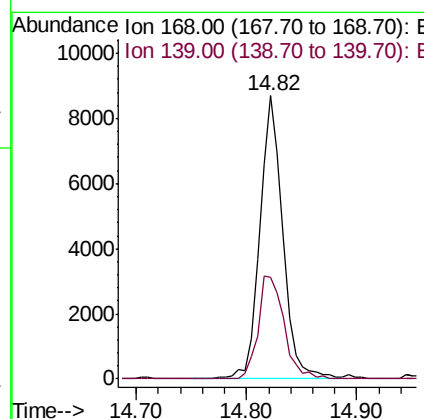
RT: 14.82 min Scan# 1978

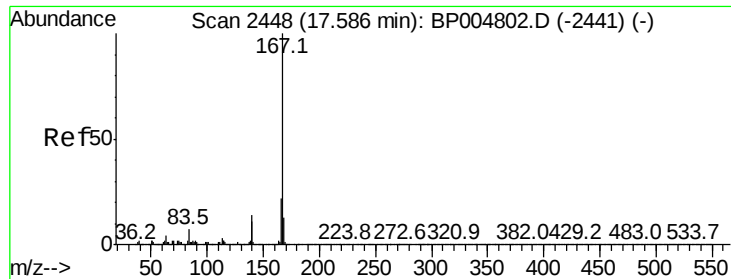
Delta R.T. 0.01 min

Lab File: BP004804.D

Acq: 18 Feb 2021 11:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 12740 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 35.9  | 32.5  | 48.7  |





#75  
 Carbazole  
 Concen: 1.403 ng/ul  
 RT: 17.59 min Scan# 2448  
 Delta R.T. 0.01 min  
 Lab File: BP004804.D  
 Acq: 18 Feb 2021 11:14

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBGK7DL2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 167   | Resp: | 17622 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 18.9  | 17.0  | 25.6  |
| 139       | 15.3  | 11.0  | 16.6  |

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