

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP031020\  
 Data File : BP002161.D  
 Acq On : 10 Mar 2020 21:20  
 Operator : CG/JU  
 Sample : L1834-18DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0DL1DL

Manual Integrations  
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Quant Time: Mar 11 01:18:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 11 00:28:36 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.63  | 152  | 287580   | 20.00  | ng/ul | 0.00     |
| 18) Naphthalene-d8             | 10.41 | 136  | 1176467  | 20.00  | ng/ul | 0.00     |
| 36) Acenaphthene-d10           | 14.27 | 164  | 783949   | 20.00  | ng/ul | 0.00     |
| 62) Phenanthrene-d10           | 17.02 | 188  | 1813938  | 20.00  | ng/ul | 0.00     |
| 78) Chrysene-d12               | 21.12 | 240  | 1906722  | 20.00  | ng/ul | 0.00     |
| 86) Perylene-d12               | 23.32 | 264  | 2183847  | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 3) 1,4-Dioxane-d8              | 3.16  | 96   | 1741     | 0.26   | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.82  | 99   | 27987    | 1.28   | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67   | 76227    | 6.56   | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.18  | 132  | 94767    | 4.99   | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.35  | 113  | 55167    | 3.06   | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.78  | 128  | 52246    | 5.78   | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.50  | 143  | 51542    | 5.07   | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165  | 114676   | 5.85   | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.55 | 131  | 7343     | 0.34   | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.69 | 166  | 424987   | 7.16   | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.96 | 160  | 480546   | 6.77   | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.52 | 143  | 5856m    | 0.52   | ng/ul | 0.04     |
| 58) Fluorene-d10               | 15.27 | 176  | 381169   | 7.42   | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 19980    | 2.00   | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.12 | 188  | 630855   | 7.74   | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.37 | 212  | 759228   | 7.61   | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.18 | 264  | 843801   | 7.55   | ng/ul | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 20) Nitrobenzene               | 8.82  | 77   | 712189   | 35.368 | ng/ul | 100      |
| 45) Dimethylphthalate          | 13.73 | 163  | 72659    | 1.186  | ng/ul | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 51000    | 1.750  | ng/uL | 97       |

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

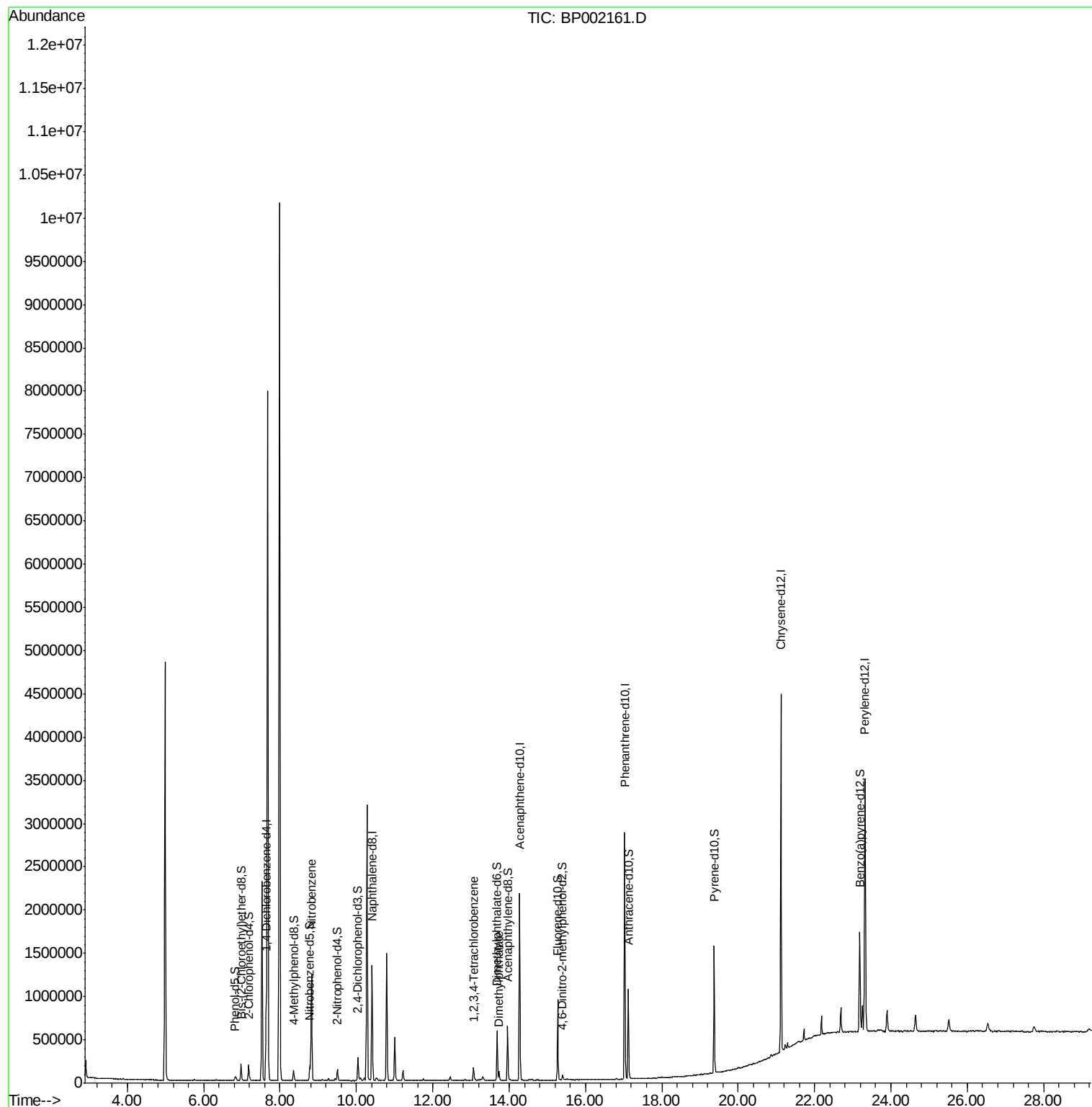
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\  
Data File : BP002161.D  
Acq On : 10 Mar 2020 21:20  
Operator : CG/JU  
Sample : L1834-18DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

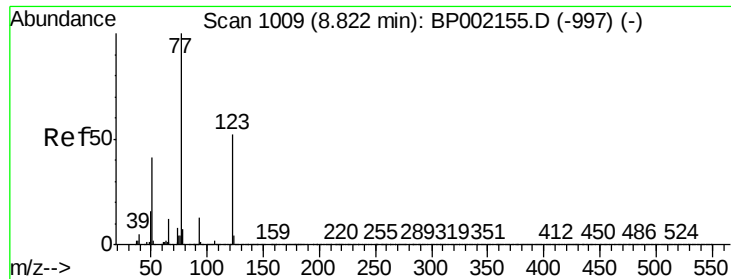
Instrument :  
BNA\_P  
ClientSampleId :  
C0DL1DL

Quant Time: Mar 11 01:18:13 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 11 00:28:36 2020  
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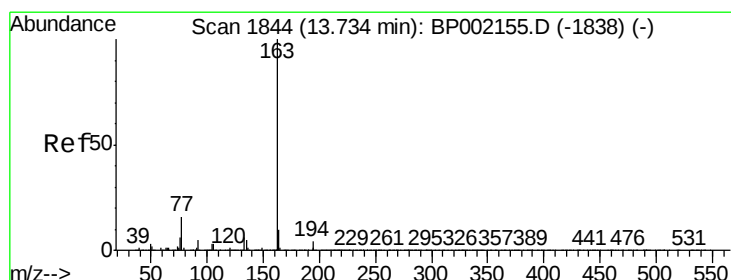
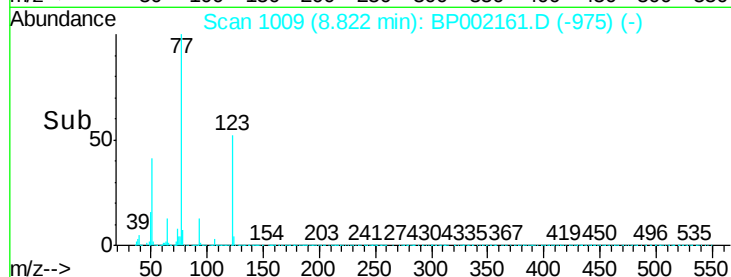
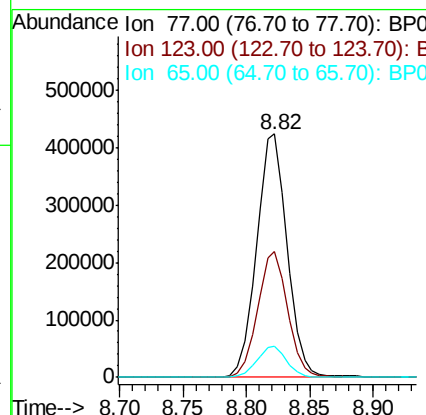
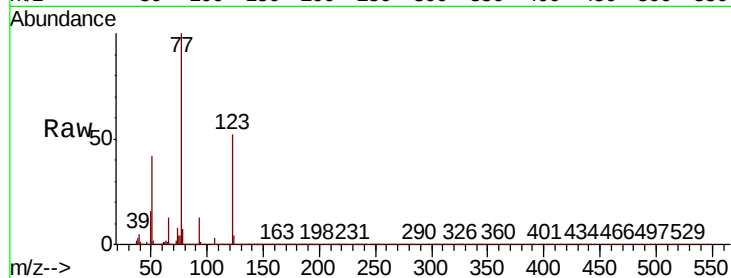
#20  
Nitrobenzene  
Concen: 35.368 ng/ul  
RT: 8.82 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: BP002161.D  
Acq: 10 Mar 2020 21:20

Instrument :  
BNA\_P  
ClientSampled :  
C0DL1DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.8  | 41.4  | 62.0  |
| 65      | 12.6  | 9.9   | 14.9  |

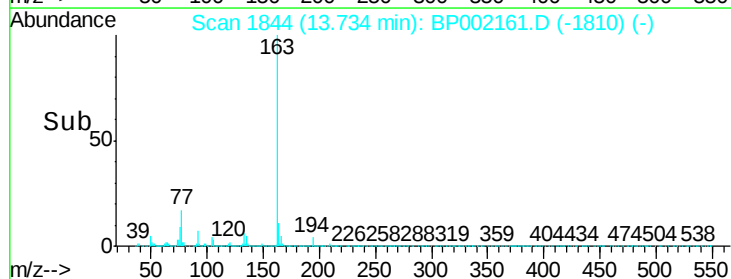
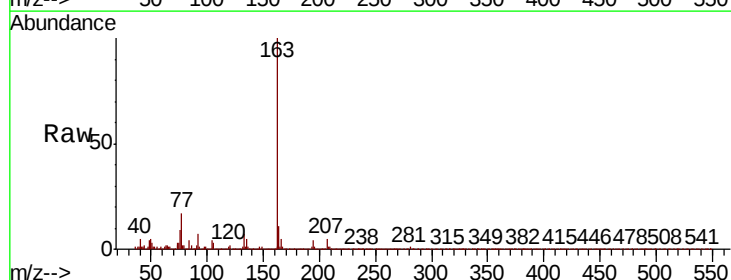
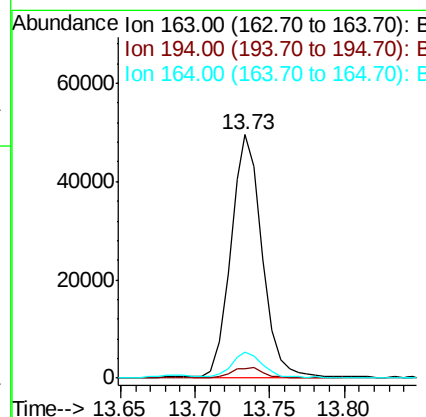
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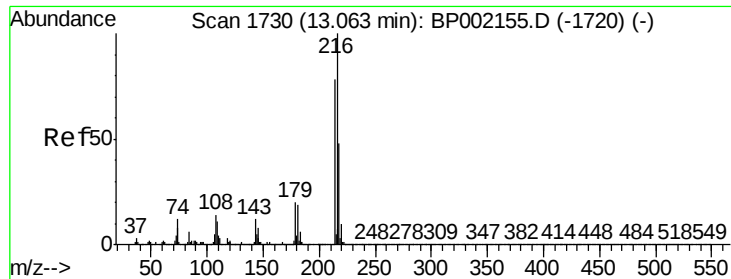
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#45  
Dimethylphthalate  
Concen: 1.186 ng/ul  
RT: 13.73 min Scan# 1844  
Delta R.T. 0.00 min  
Lab File: BP002161.D  
Acq: 10 Mar 2020 21:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.6   | 5.4   |
| 164     | 10.8  | 8.2   | 12.4  |





#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 1.750 ng/uL  
 RT: 13.07 min Scan# 1731  
 Delta R.T. 0.01 min  
 Lab File: BP002161.D  
 Acq: 10 Mar 2020 21:20

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0DL1DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 216   | Resp: | 51000 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 75.0  | 63.1  | 94.7  |
| 218       | 47.7  | 38.2  | 57.2  |

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