

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\  
 Data File : BN008549.D  
 Acq On : 14 Nov 2019 07:46  
 Operator : JU  
 Sample : K5678-05  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLM69

Manual Integrations  
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Quant Time: Nov 14 10:22:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN111319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 14 10:03:48 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 370033   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 1524695  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 930105   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.00 | 188  | 1794745  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 1374165  | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.42 | 264  | 1622821  | 20.00 | ng/ul | 0.04     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 21469   | 2.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 470837  | 14.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 350392  | 17.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 410152  | 16.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 391370  | 15.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 213209  | 20.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 218279  | 22.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 413344  | 16.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 29664m  | 1.02  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 1340948 | 18.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 1568866 | 18.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 73796   | 6.47  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 1133713 | 18.54 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 95495   | 13.94 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.10 | 188 | 1625239 | 19.11 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.40 | 212 | 1614692 | 20.58 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.28 | 264 | 1565081 | 18.57 | ng/ul | 0.04 |

## Target Compounds

|                                |       |     |         |        | Ovalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 4) Benzaldehyde                | 6.79  | 77  | 45258   | 2.434  | ng/ul  | 95 |
| 6) Phenol                      | 6.84  | 94  | 46264   | 1.380  | ng/ul  | 93 |
| 14) Acetophenone               | 8.45  | 105 | 45551   | 1.119  | ng/ul  | 89 |
| 44) Dimethylphthalate          | 13.72 | 163 | 313604  | 4.400  | ng/ul  | 99 |
| 69) Phenanthrene               | 17.05 | 178 | 115951  | 1.193  | ng/ul# | 88 |
| 75) Di-n-butylphthalate        | 17.99 | 149 | 600114  | 5.396  | ng/ul# | 95 |
| 76) Fluoranthene               | 19.07 | 202 | 142647  | 1.277  | ng/ul# | 90 |
| 79) Pyrene                     | 19.43 | 202 | 287239  | 2.920  | ng/ul  | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 1693043 | 28.411 | ng/ul# | 99 |
| 84) Chrysene                   | 21.24 | 228 | 228198  | 2.522  | ng/ul# | 71 |
| 93) Benzo(g,h,i)perylene       | 26.26 | 276 | 337403  | 3.646  | ng/ul# | 79 |

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

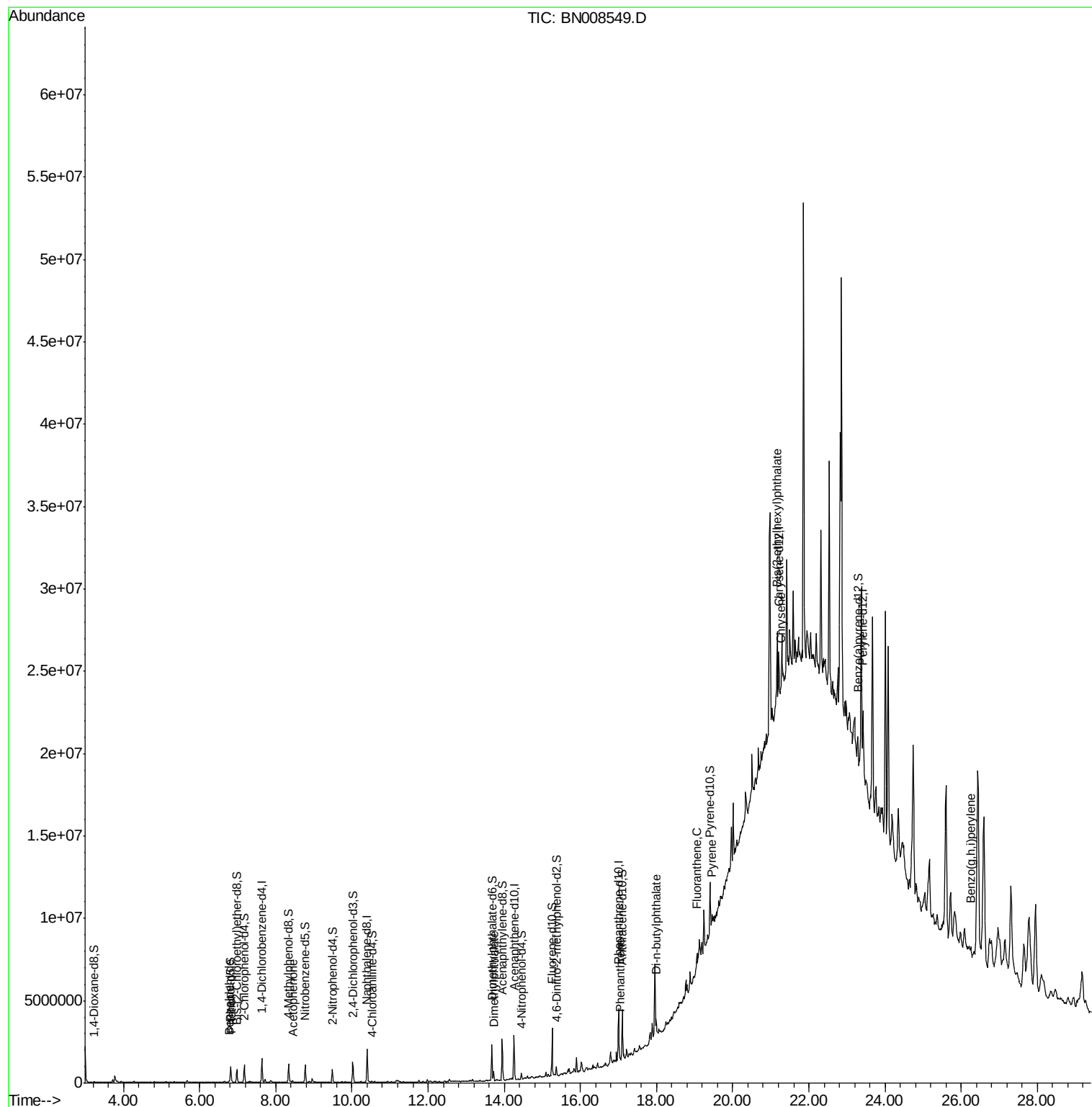
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\  
Data File : BN008549.D  
Acq On : 14 Nov 2019 07:46  
Operator : JU  
Sample : K5678-05  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

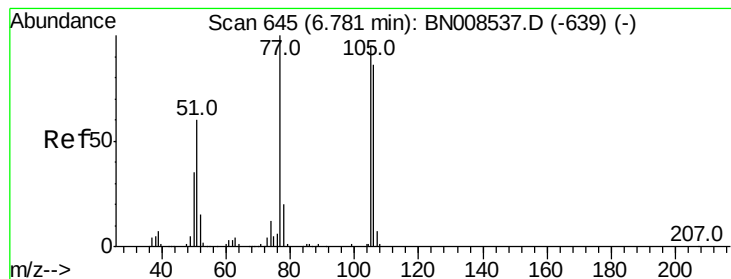
Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Time: Nov 14 10:22:20 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN111319MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 14 10:03:48 2019  
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.434 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

Instrument :

BNA\_N

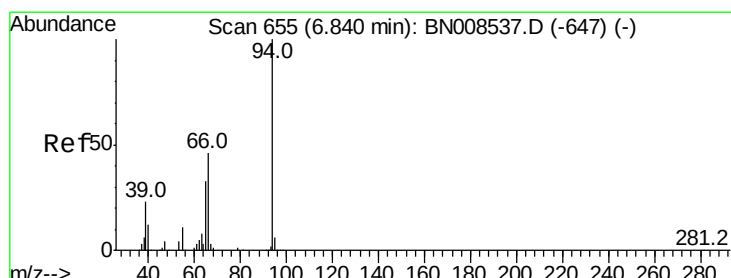
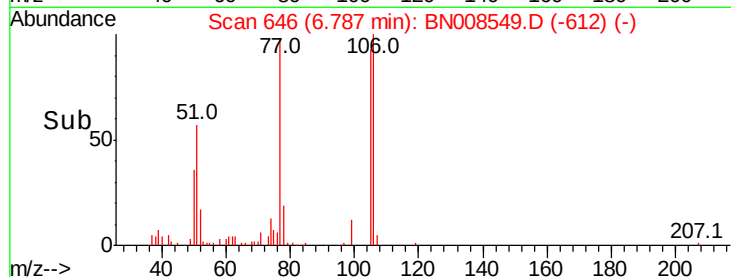
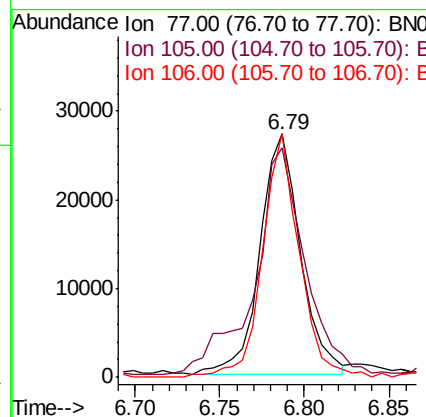
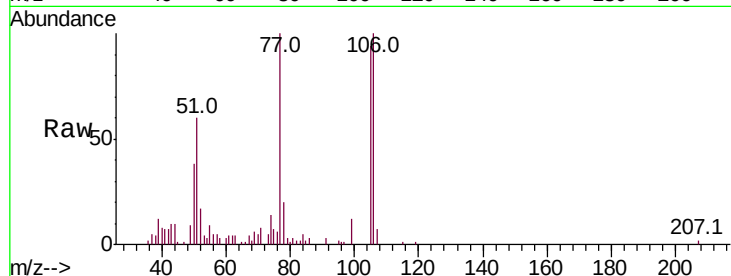
ClientSampled :

JLM69

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 45258 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 94.3  | 76.6  | 114.8 |
| 106      | 100.0 | 73.9  | 110.9 |

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#6

Phenol

Concen: 1.380 ng/ul

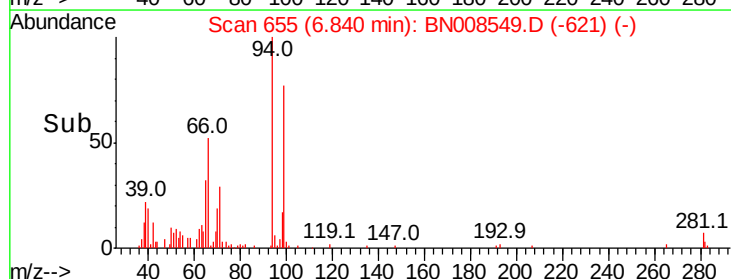
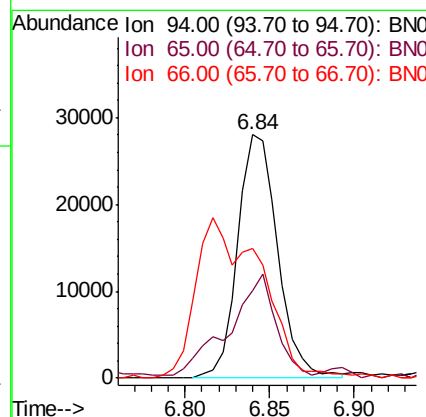
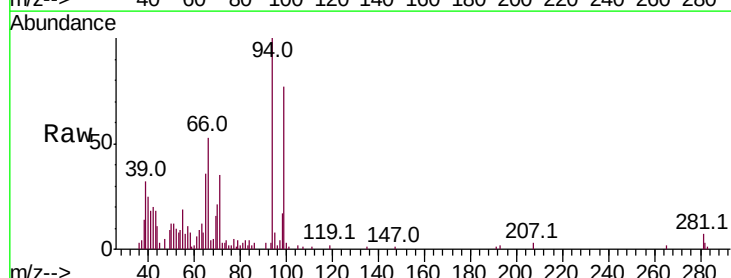
RT: 6.84 min Scan# 655

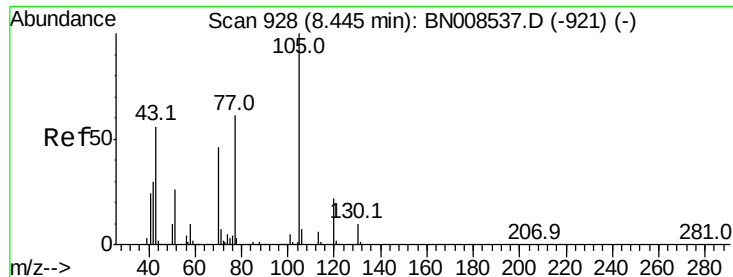
Delta R.T. -0.00 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 46264 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 35.7  | 27.7  | 41.5  |
| 66       | 53.2  | 37.0  | 55.6  |





#14

Acetophenone

Concen: 1.119 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.00 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

Instrument :

BNA\_N

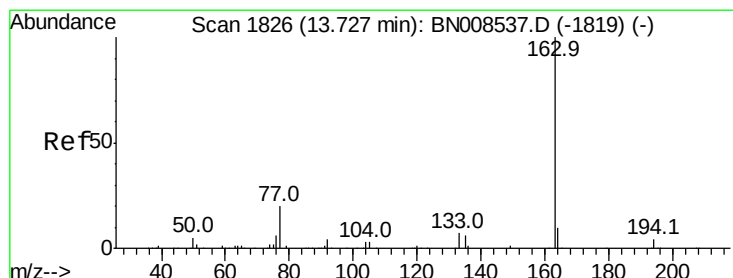
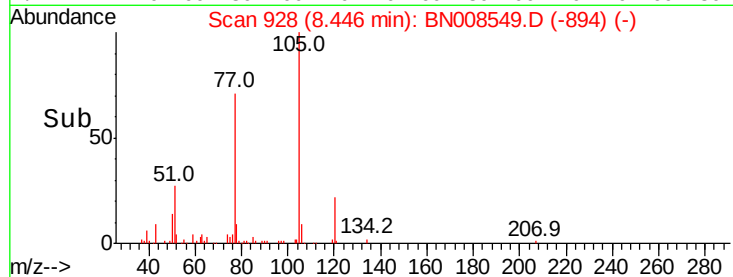
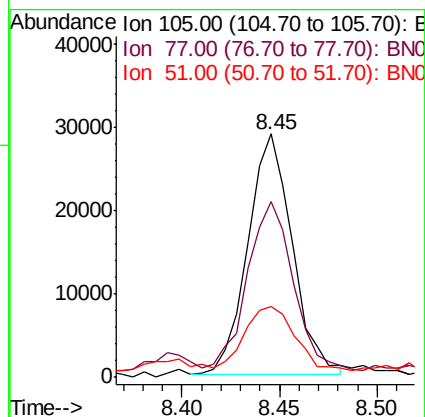
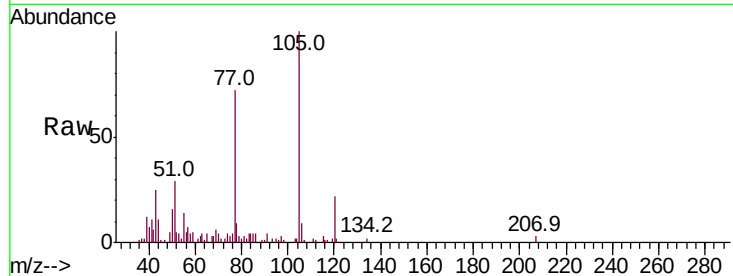
ClientSampleId :

JLM69

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 105   | Resp: | 45551 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 77        | 72.3  | 66.8  | 100.2 |
| 51        | 29.1  | 27.0  | 40.6  |

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#44

Dimethylphthalate

Concen: 4.400 ng/ul

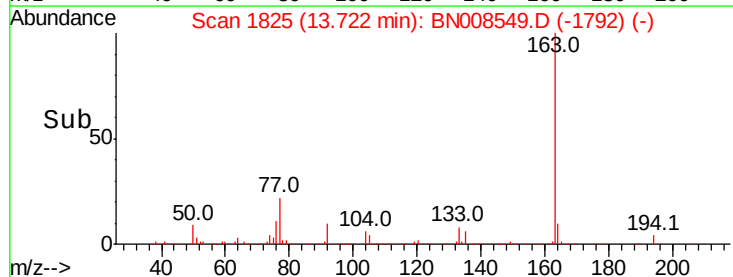
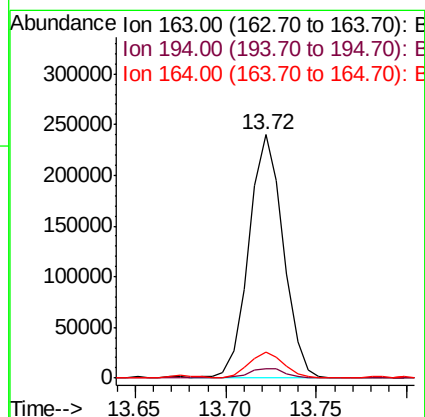
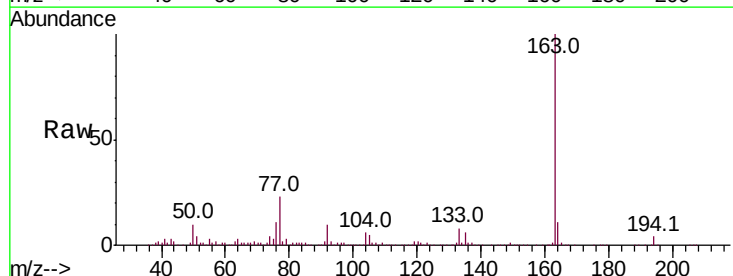
RT: 13.72 min Scan# 1825

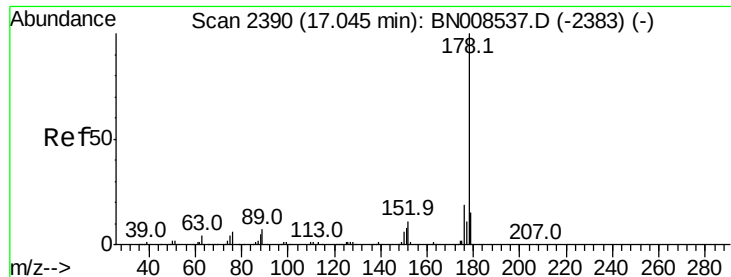
Delta R.T. -0.01 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 313604 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.0   | 3.6   | 5.4    |
| 164       | 10.5  | 8.1   | 12.1   |





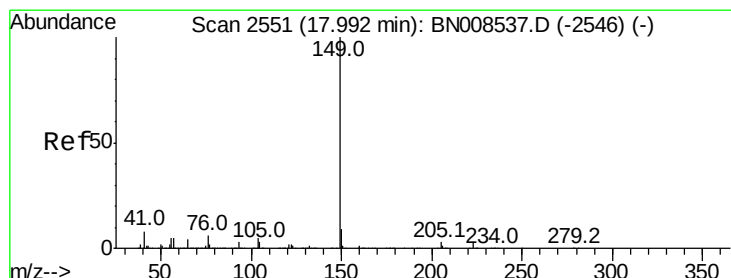
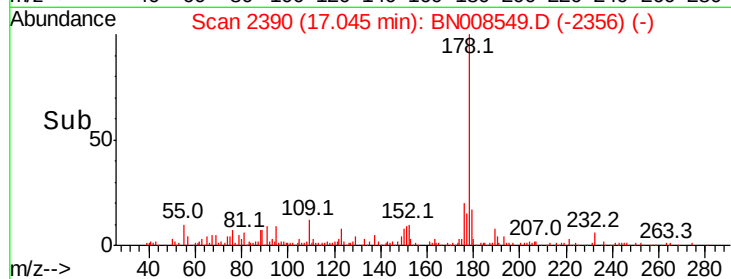
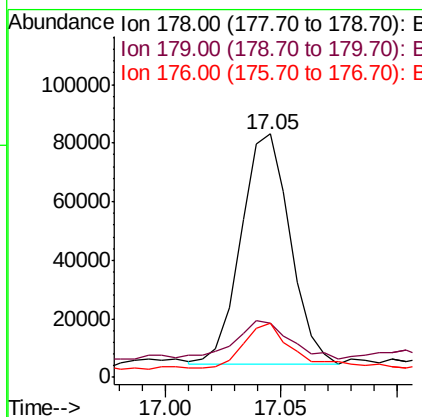
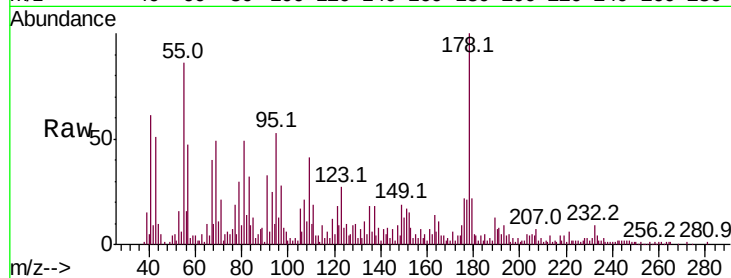
#69  
Phenanthrene  
Concen: 1.193 ng/ul  
RT: 17.05 min Scan# 2390  
Delta R.T. -0.00 min  
Lab File: BN008549.D  
Acq: 14 Nov 2019 07:46

Instrument :  
BNA\_N  
ClientSampleId :  
JLM69

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 22.2  | 12.1  | 18.1# |
| 176     | 22.5  | 15.3  | 22.9  |

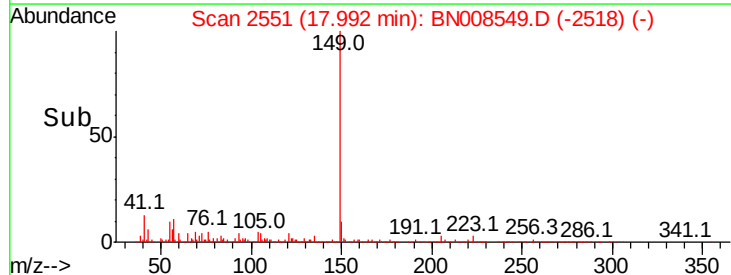
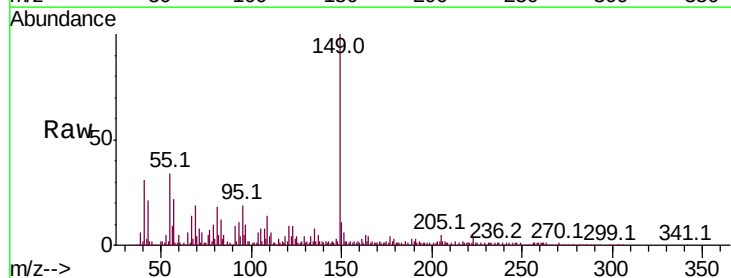
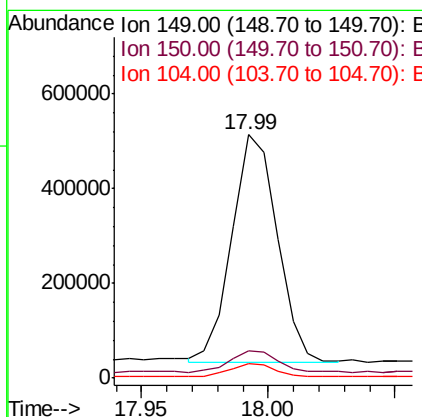
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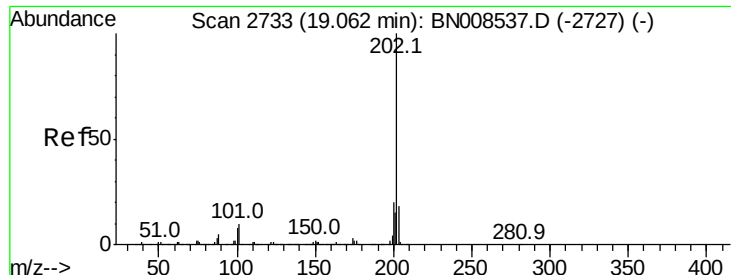
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#75  
Di-n-butylphthalate  
Concen: 5.396 ng/ul  
RT: 17.99 min Scan# 2551  
Delta R.T. -0.01 min  
Lab File: BN008549.D  
Acq: 14 Nov 2019 07:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 11.3  | 7.0   | 10.4# |
| 104     | 5.8   | 4.5   | 6.7   |





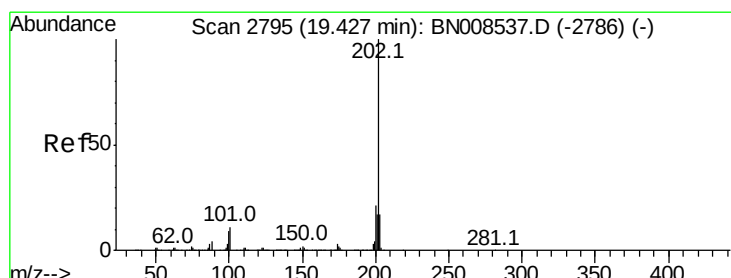
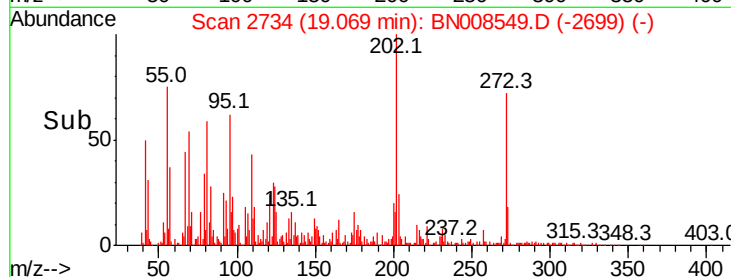
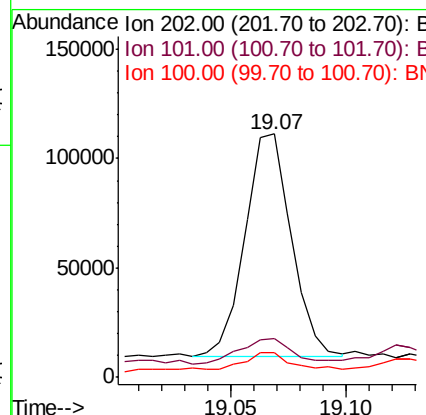
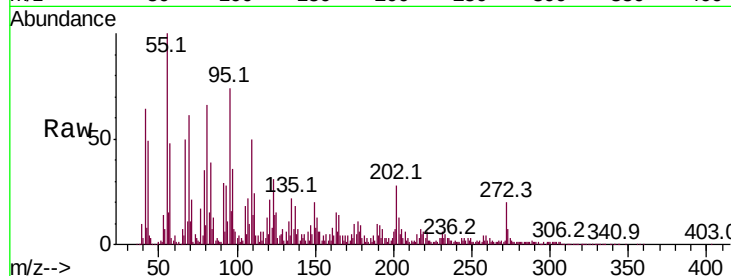
#76  
Fluoranthene  
Concen: 1.277 ng/ul  
RT: 19.07 min Scan# 2734  
Delta R.T. 0.01 min  
Lab File: BN008549.D  
Acq: 14 Nov 2019 07:46

Instrument :  
BNA\_N  
ClientSampled :  
JLM69

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 16.0  | 8.6        | 12.8# |
| 100     | 10.4  | 6.8        | 10.2# |

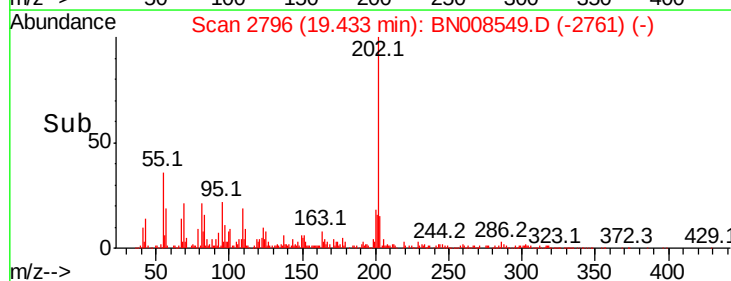
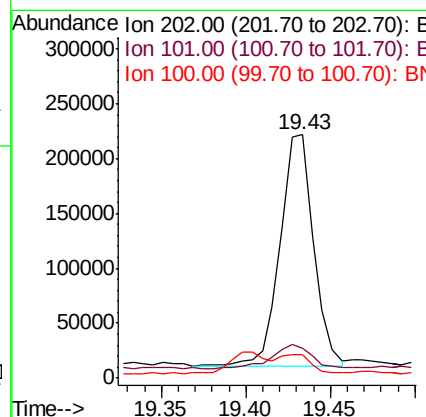
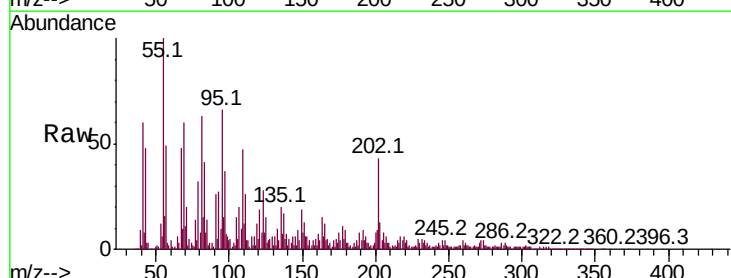
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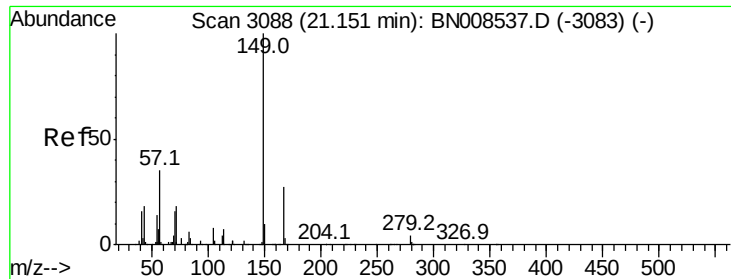
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#79  
Pyrene  
Concen: 2.920 ng/ul  
RT: 19.43 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: BN008549.D  
Acq: 14 Nov 2019 07:46

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 12.5  | 9.8        | 14.6  |
| 100     | 9.6   | 7.8        | 11.8  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.411 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

Instrument :

BNA\_N

ClientSampleId :

JLM69

Tot Ion:149 Resp: 1693043

Ion Ratio Lower Upper

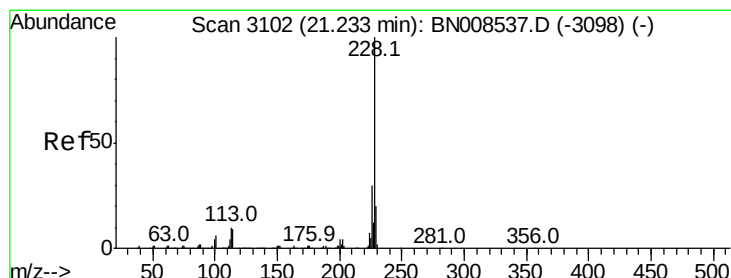
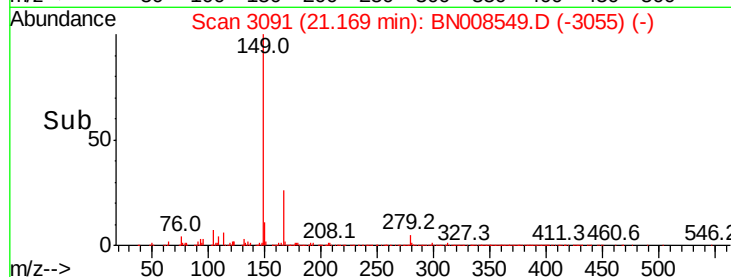
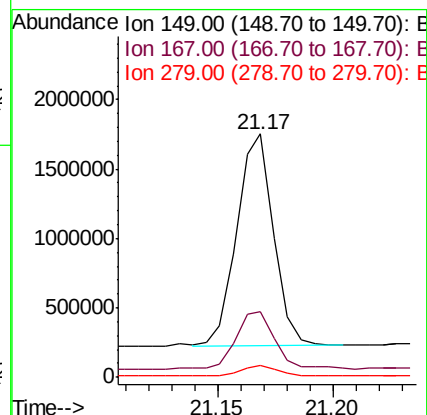
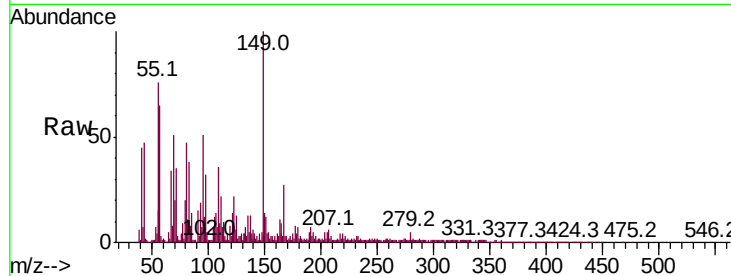
149 100

167 27.1 22.1 33.1

279 5.1 2.9 4.3#

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#84

Chrysene

Concen: 2.522 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

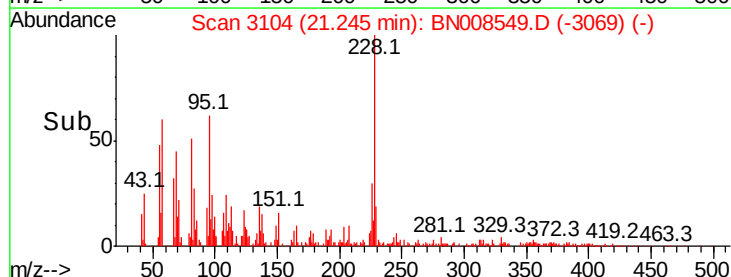
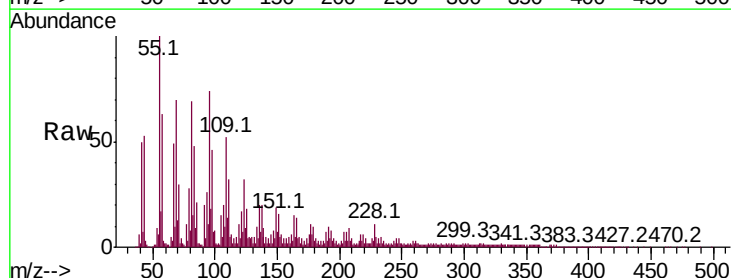
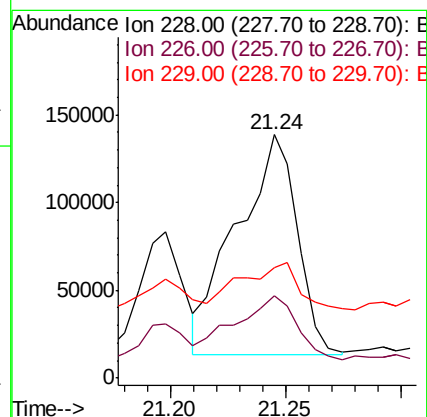
Tgt Ion:228 Resp: 228198

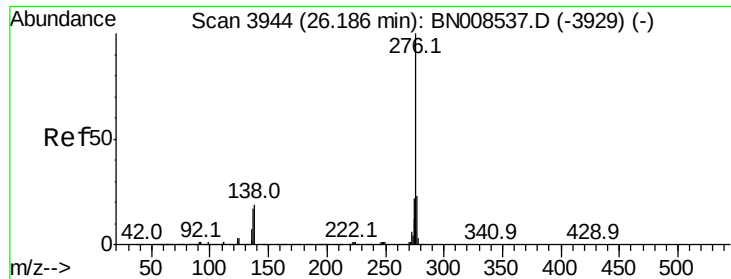
Ion Ratio Lower Upper

228 100

226 34.0 22.8 34.2

229 45.1 16.0 24.0#





#93

Benzo(a,h,i)perylene

Concen: 3.646 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.07 min

Lab File: BN008549.D

Acq: 14 Nov 2019 07:46

Instrument :

BNA\_N

ClientSampleId :

JLM69

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 337403 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 35.7  | 16.4  | 24.6#  |
| 277       | 28.3  | 18.2  | 27.4#  |

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