

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
 Data File : BN009508.D  
 Acq On : 31 Jan 2020 13:25  
 Operator : CG/JU  
 Sample : L1271-03MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GASZ4MSD

Manual Integrations  
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Quant Time: Jan 31 23:51:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 22 15:13:20 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 163404   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.22 | 136  | 685235   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.09 | 164  | 496762   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.85 | 188  | 827357   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.06 | 240  | 720420   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.17 | 264  | 792755   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 28468  | 7.21  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.65  | 99  | 274929 | 18.97 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.80  | 67  | 201202 | 19.56 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 6.99  | 132 | 220838 | 20.88 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 174026 | 15.09 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 117781 | 23.63 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.30  | 143 | 124975 | 23.91 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 212646 | 20.52 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.35 | 131 | 240056 | 19.18 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.52 | 166 | 683229 | 18.58 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.79 | 160 | 803781 | 18.42 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 125459 | 18.34 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.09 | 176 | 603400 | 18.70 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 84274  | 16.82 | ng/ul | 0.02  |
| 70) Anthracene-d10             | 16.95 | 188 | 854766 | 22.33 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.25 | 212 | 947946 | 24.46 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.04 | 264 | 923154 | 23.07 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |           |          | Ovalue |     |
|--------------------------------|-------|-----|-----------|----------|--------|-----|
| 6) Phenol                      | 6.68  | 94  | 421938    | 27.794   | ng/ul  | 94  |
| 10) 2-Chlorophenol             | 7.02  | 128 | 257392    | 23.385   | ng/ul  | 95  |
| 15) N-Nitroso-di-n-propylamine | 8.26  | 70  | 229317    | 22.662   | ng/ul# | 88  |
| 28) Naphthalene                | 10.26 | 128 | 43223882m | 1172.166 | ng/ul  |     |
| 33) 4-Chloro-3-methylphenol    | 11.53 | 107 | 276402    | 22.442   | ng/ul  | 92  |
| 34) 2-Methylnaphthalene        | 11.90 | 142 | 41285258m | 1626.294 | ng/ul  |     |
| 40) 1,1'-Biphenyl              | 12.92 | 154 | 4482553   | 119.168  | ng/ul  | 97  |
| 44) Dimethylphthalate          | 13.56 | 163 | 153584    | 4.058    | ng/ul# | 98  |
| 47) Acenaphthylene             | 13.82 | 152 | 669166    | 14.209   | ng/ul# | 63  |
| 49) Acenaphthene               | 14.16 | 153 | 1564351   | 48.691   | ng/ul  | 100 |
| 52) 4-Nitrophenol              | 14.34 | 109 | 110867m   | 17.506   | ng/ul  |     |
| 53) Dibenzofuran               | 14.50 | 168 | 1807733   | 40.497   | ng/ul  | 98  |
| 54) 2,4-Dinitrotoluene         | 14.49 | 165 | 397379    | 36.994   | ng/ul# | 56  |
| 58) Fluorene                   | 15.15 | 166 | 3194621   | 85.410   | ng/ul# | 99  |
| 64) N-Nitrosodiphenylamine     | 15.37 | 169 | 145136    | 5.925    | ng/ul# | 84  |
| 68) Pentachlorophenol          | 16.52 | 266 | 104572    | 19.448   | ng/ul  | 97  |
| 69) Phenanthrene               | 16.90 | 178 | 22197493m | 475.490  | ng/ul  |     |
| 71) Anthracene                 | 16.98 | 178 | 1778979   | 37.427   | ng/ul  | 99  |
| 74) Carbazole                  | 17.25 | 167 | 51902     | 1.275    | ng/ul# | 79  |
| 76) Fluoranthene               | 18.92 | 202 | 4900581   | 91.573   | ng/ul  | 99  |
| 79) Pyrene                     | 19.29 | 202 | 9144162   | 175.299  | ng/ul  | 97  |
| 82) Benzo(a)anthracene         | 21.04 | 228 | 2540389   | 51.782   | ng/ul  | 96  |
| 84) Chrysene                   | 21.09 | 228 | 2178244   | 45.579   | ng/ul  | 98  |

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Sample : L1271-03MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GASZ4MSD

Manual Integrations  
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Quant Time: Jan 31 23:51:42 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 22 15:13:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|-------|------|----------|--------|--------|----------|
| 87) Benzo(b)fluoranthene   | 22.55 | 252  | 1039198  | 20.732 | ng/ul# | 93       |
| 88) Benzo(k)fluoranthene   | 22.59 | 252  | 392421m  | 7.962  | ng/ul  |          |
| 90) Benzo(a)pyrene         | 23.08 | 252  | 862705   | 19.174 | ng/ul  | 98       |
| 91) Indeno(1,2,3-cd)pyrene | 25.23 | 276  | 386606   | 7.090  | ng/ul  | 94       |
| 92) Dibenzo(a,h)anthracene | 25.23 | 278  | 155635   | 3.383  | ng/ul  | 96       |
| 93) Benzo(a,h,i)perylene   | 25.86 | 276  | 294755   | 6.499  | ng/ul  | 94       |

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

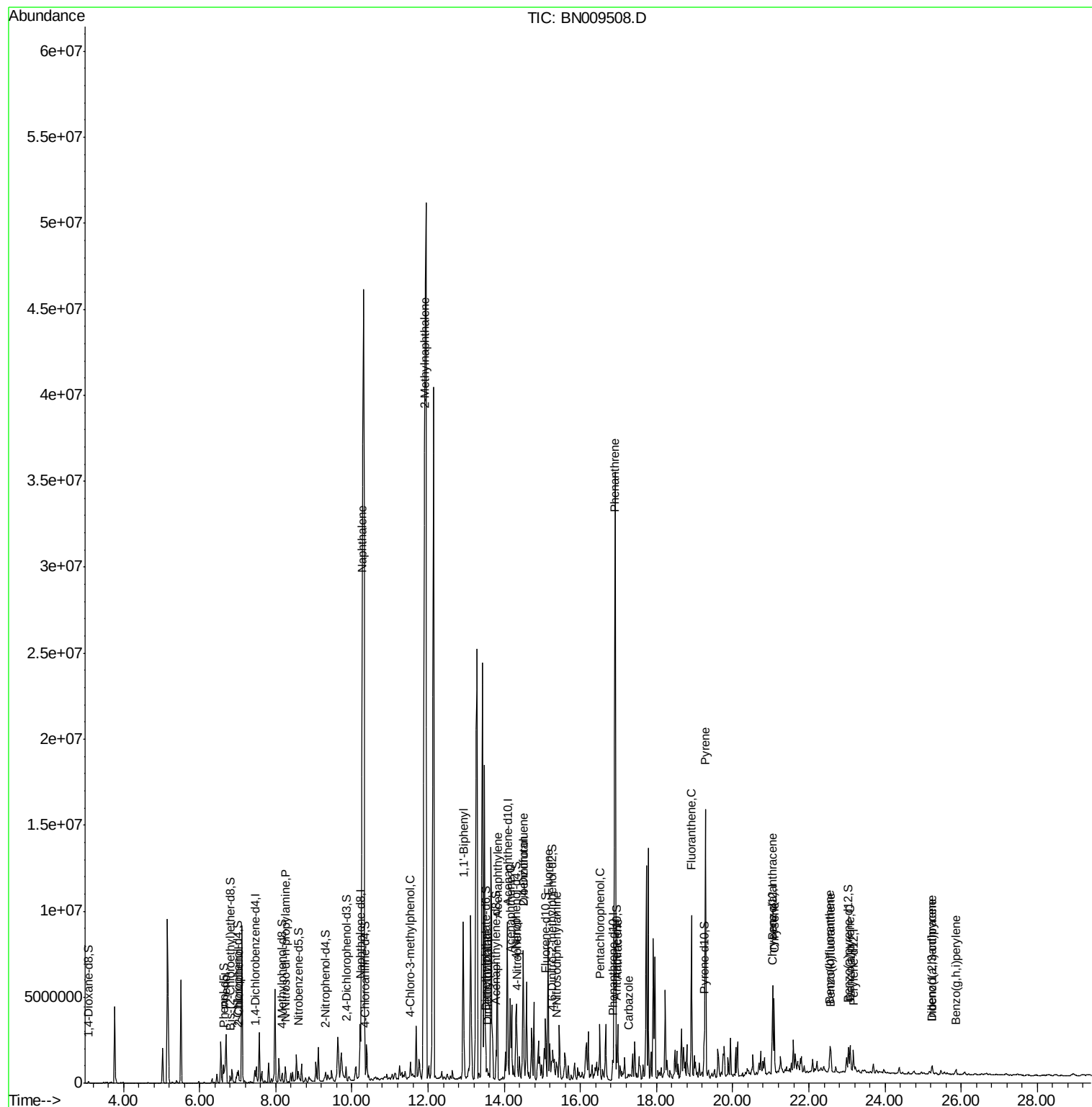
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
Data File : BN009508.D  
Acq On : 31 Jan 2020 13:25  
Operator : CG/JU  
Sample : L1271-03MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

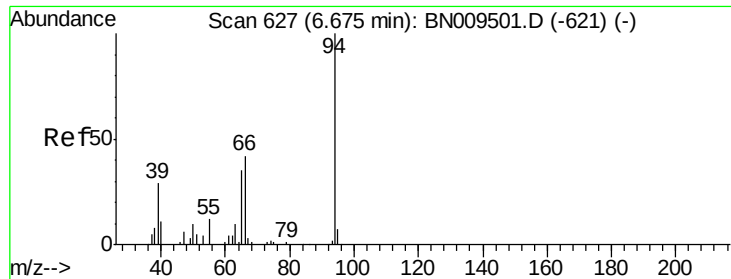
Instrument :  
BNA\_N  
ClientSampleId :  
GASZ4MSD

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 22 15:13:20 2020  
Response via : Initial Calibration





#6

Phenol

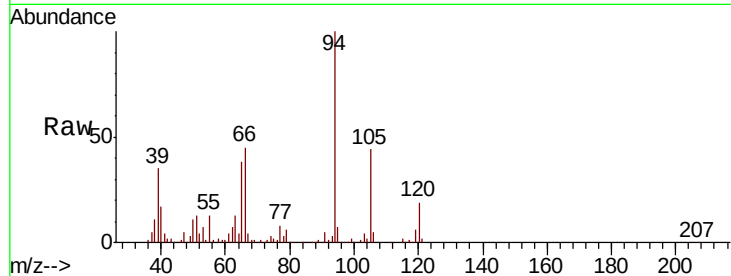
Concen: 27.794 ng/ul  
 RT: 6.68 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BN009508.D  
 Acq: 31 Jan 2020 13:25

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GASZ4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 38.5  | 29.4  | 44.0  |
| 66      | 44.5  | 39.8  | 59.8  |

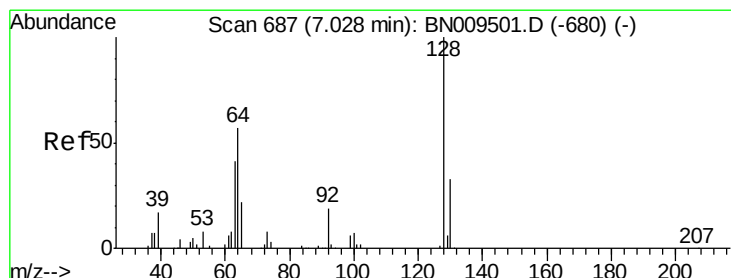
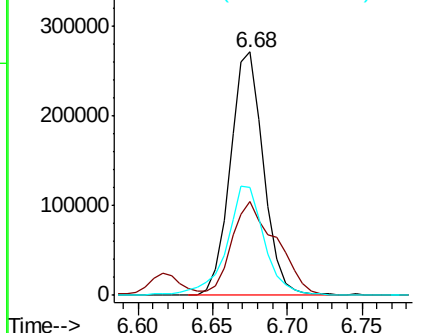
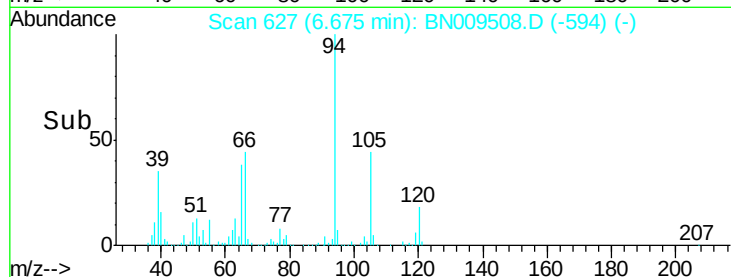
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Abundance

Ion 94.00 (93.70 to 94.70): BN009508.D (-594) (-)

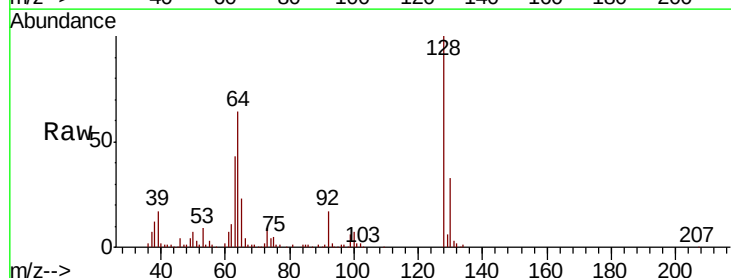


#10

2-Chlorophenol

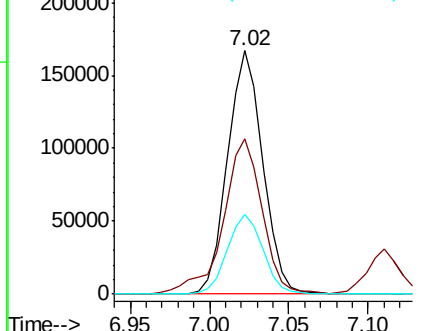
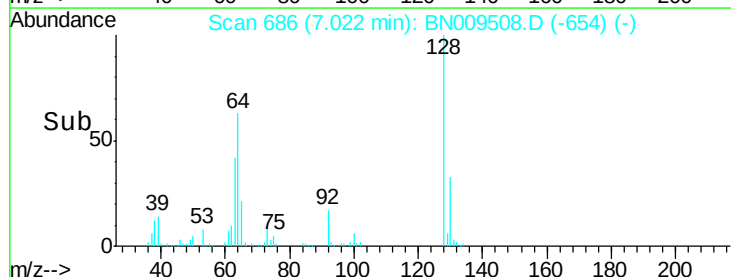
Concen: 23.385 ng/ul  
 RT: 7.02 min Scan# 686  
 Delta R.T. -0.01 min  
 Lab File: BN009508.D  
 Acq: 31 Jan 2020 13:25

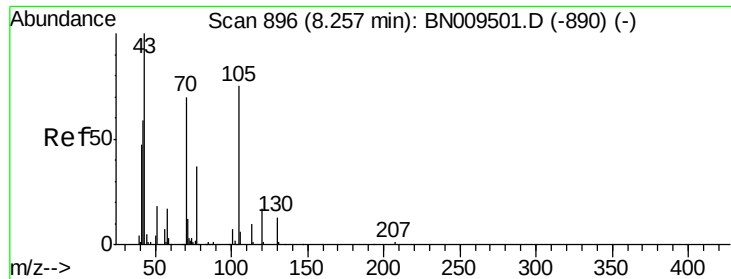
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 63.6  | 54.3  | 81.5  |
| 130     | 32.9  | 27.9  | 41.9  |



Abundance

Ion 128.00 (127.70 to 128.70): BN009508.D (-654) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 22.662 ng/ul

RT: 8.26 min Scan# 896

Delta R.T. -0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

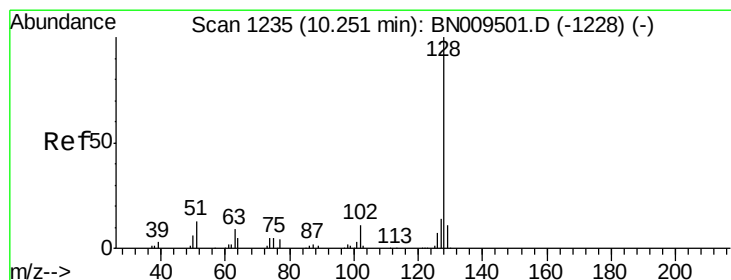
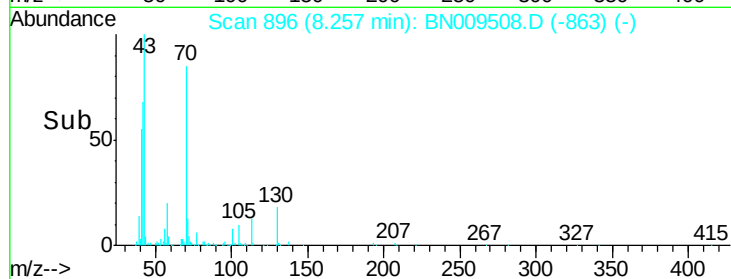
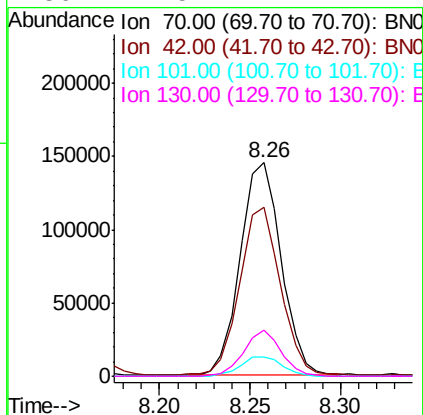
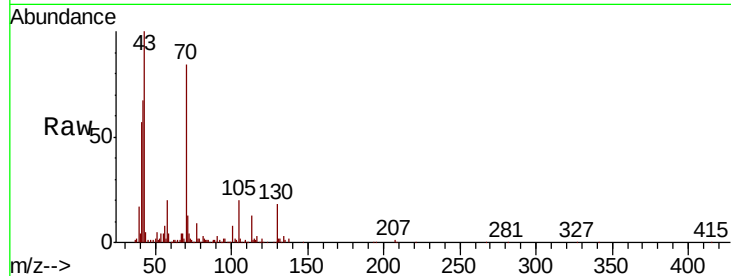
ClientSampleId :

GASZ4MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 79.3 | 73.6  | 110.4 |       |
| 101     | 9.2  | 7.5   | 11.3  |       |
| 130     | 21.5 | 14.2  | 21.4  | #     |

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#28

Naphthalene

Concen: 1172.166 ng/ul m

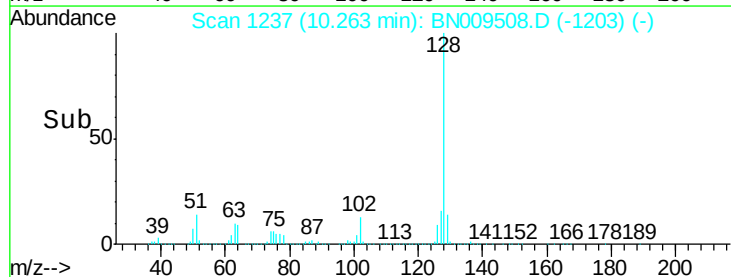
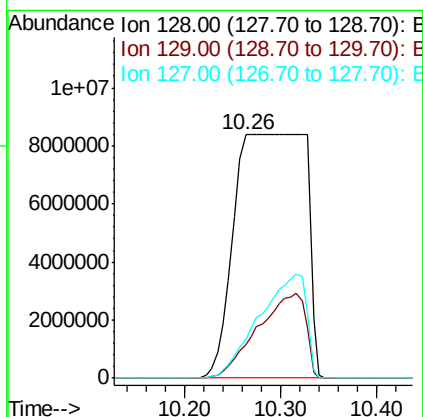
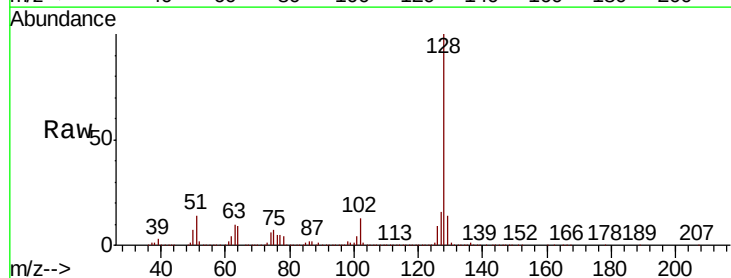
RT: 10.26 min Scan# 1237

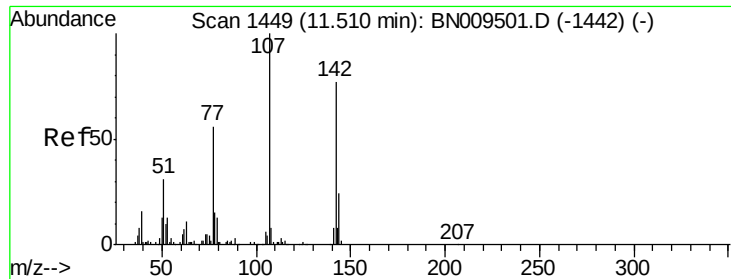
Delta R.T. -0.00 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 128     | 100  |       |       |       |
| 129     | 13.8 | 8.1   | 12.1  | #     |
| 127     | 16.1 | 11.0  | 16.6  |       |





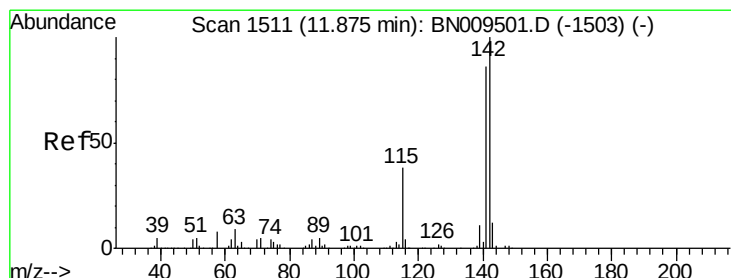
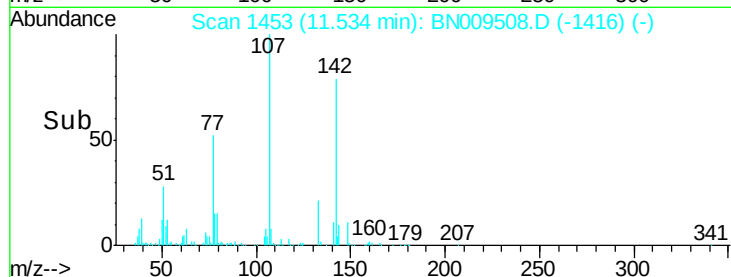
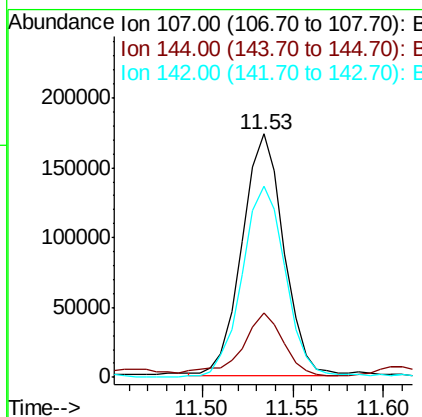
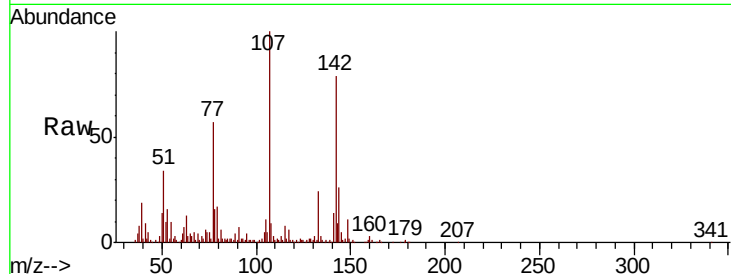
#33  
4-Chloro-3-methylphenol  
Concen: 22.442 ng/ul  
RT: 11.53 min Scan# 1453  
Delta R.T. 0.02 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampleId :  
GASZ4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.3  | 18.9  | 28.3  |
| 142     | 78.6  | 56.8  | 85.2  |

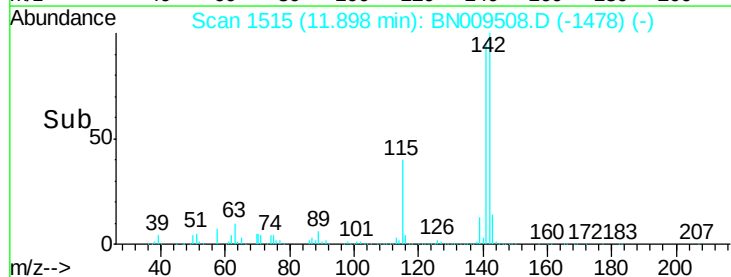
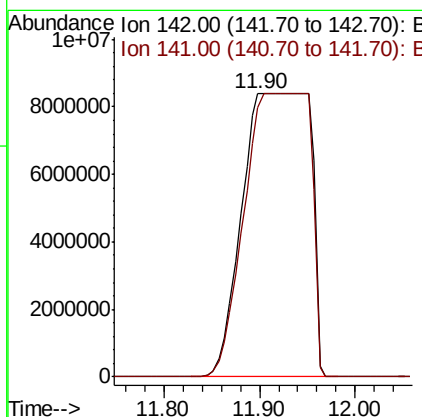
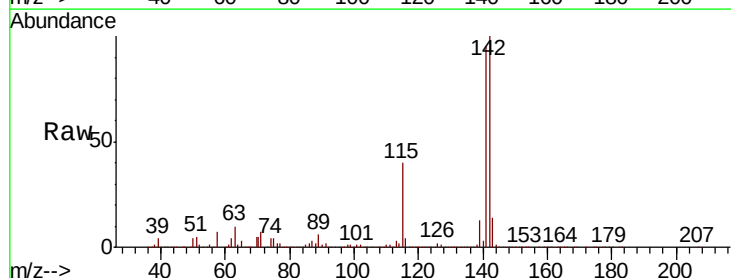
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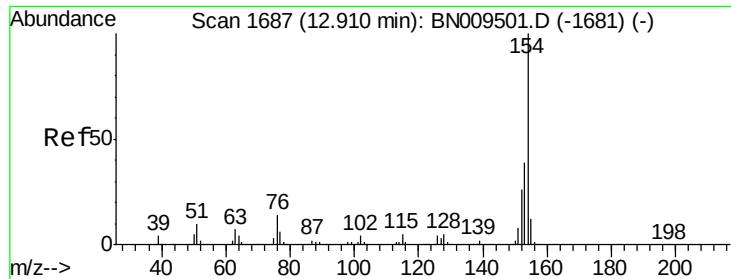
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#34  
2-Methylnaphthalene  
Concen: 1626.294 ng/ul m  
RT: 11.90 min Scan# 1515  
Delta R.T. 0.02 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.0  | 69.3  | 103.9 |





#40

1,1'-Biphenyl

Concen: 119.168 ng/ul

RT: 12.92 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

ClientSampleId :

GASZ4MSD

Tot Ion:154 Resp: 4482553

Ion Ratio Lower Upper

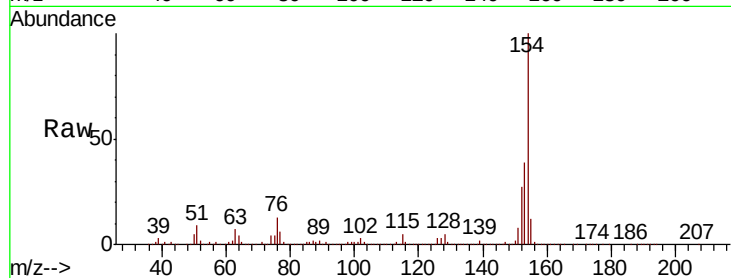
154 100

153 39.0 32.6 49.0

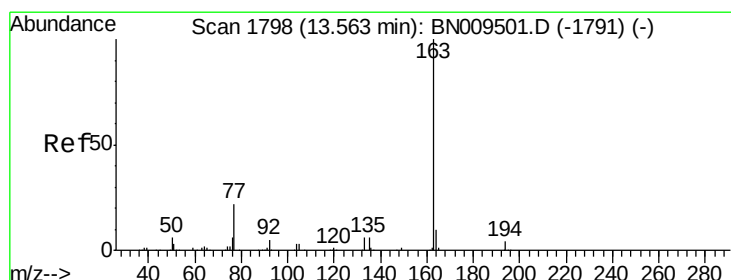
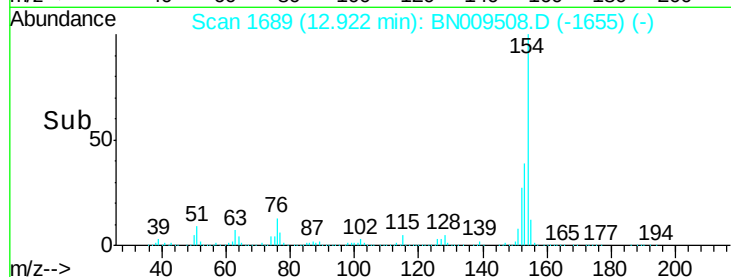
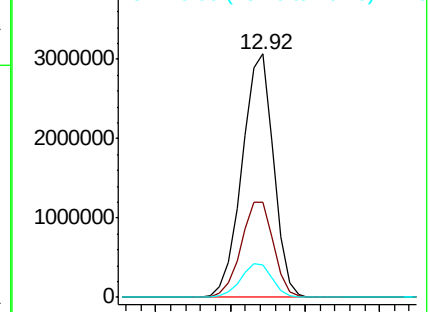
76 13.2 11.4 17.0

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BNC



#44

Dimethylphthalate

Concen: 4.058 ng/ul

RT: 13.56 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

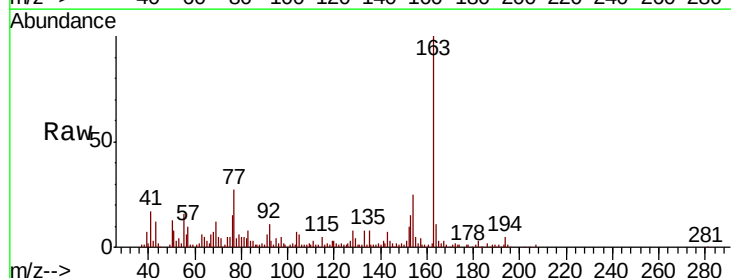
Tgt Ion:163 Resp: 153584

Ion Ratio Lower Upper

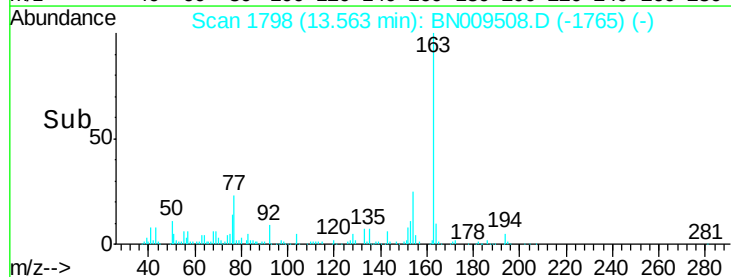
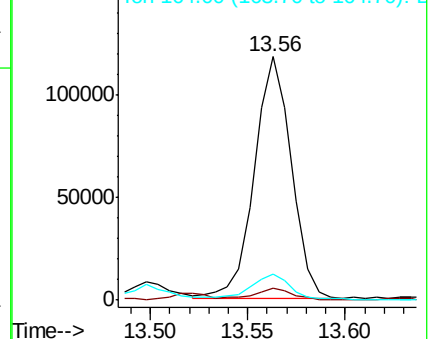
163 100

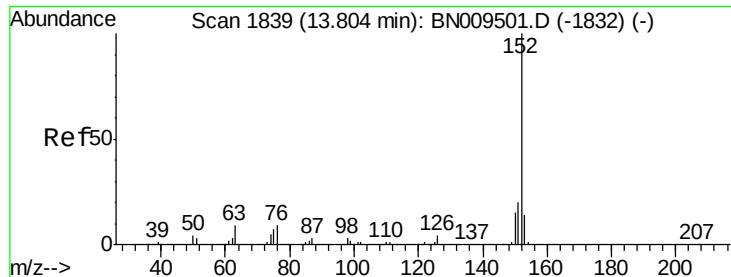
194 4.7 3.1 4.7#

164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 14.209 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

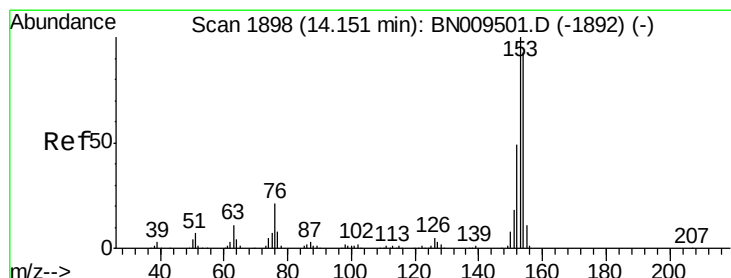
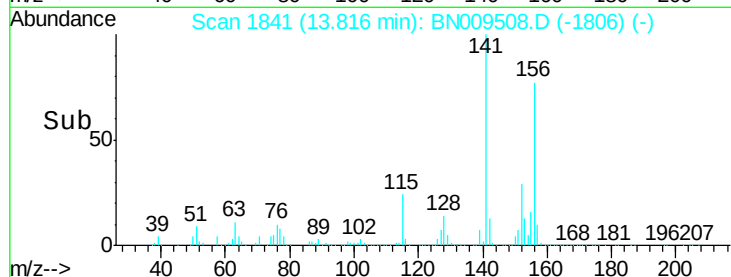
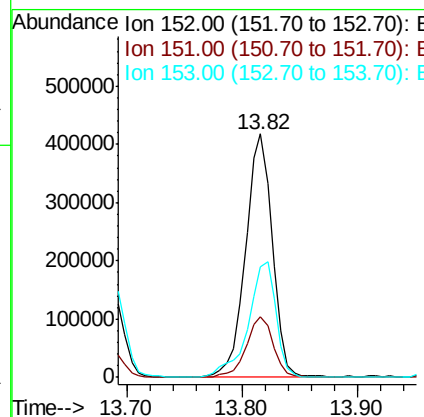
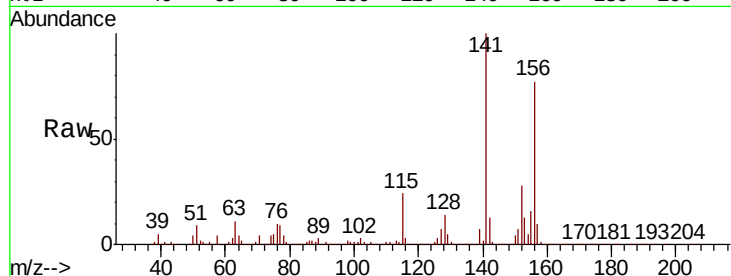
ClientSampleId :

GASZ4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 669166 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 24.8  | 16.2  | 24.4#  |
| 153       | 45.3  | 10.8  | 16.2#  |

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#49

Acenaphthene

Concen: 48.691 ng/ul

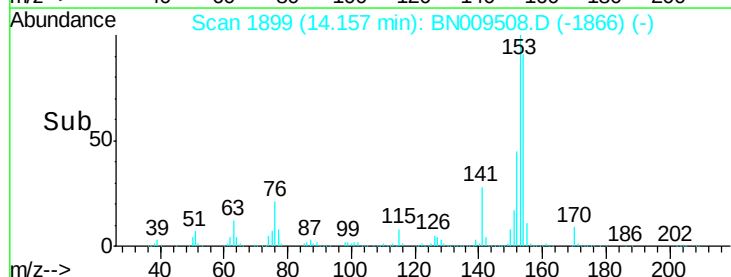
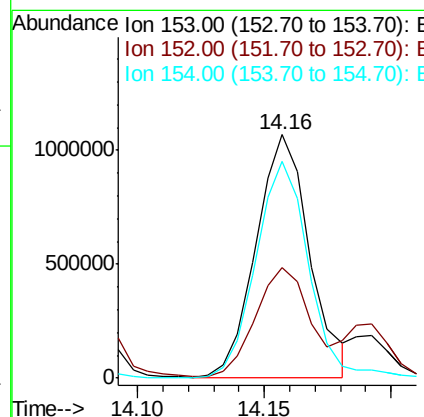
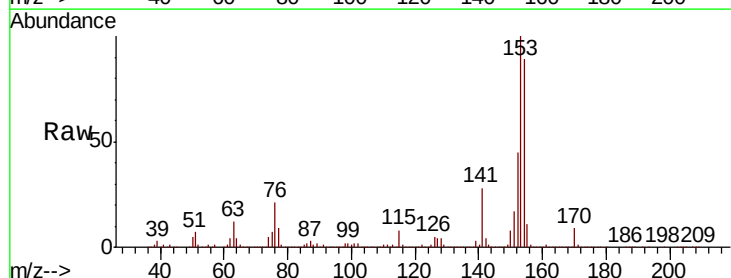
RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

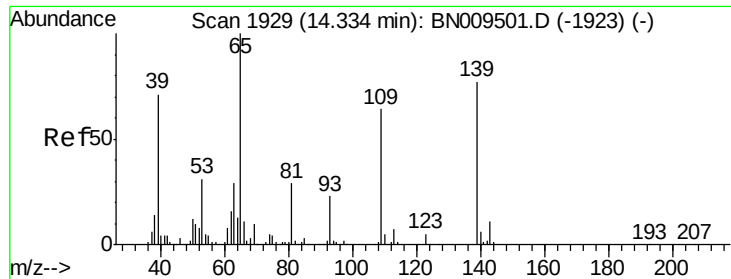
Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 153   | Resp: | 1564351 |
| Ion Ratio | Lower | Upper |         |
| 153       | 100   |       |         |
| 152       | 45.2  | 36.3  | 54.5    |
| 154       | 89.1  | 71.4  | 107.0   |







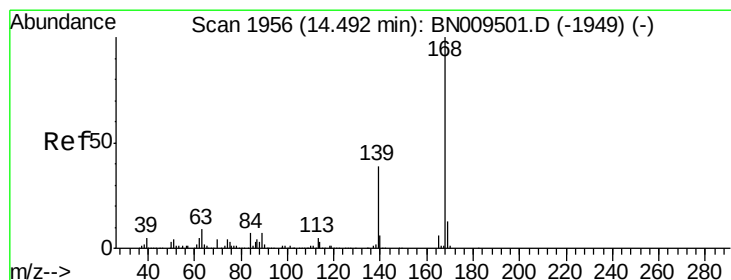
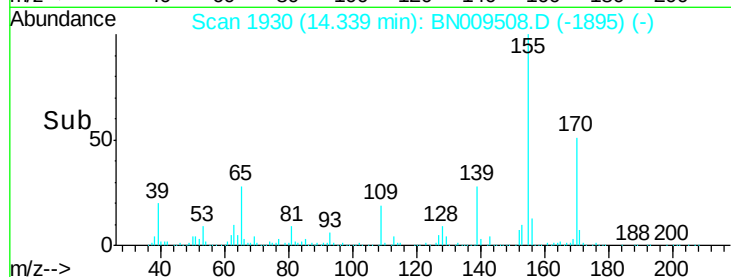
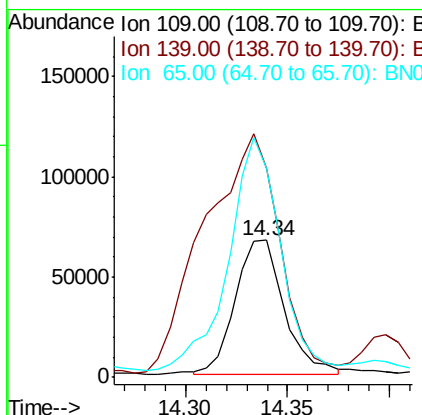
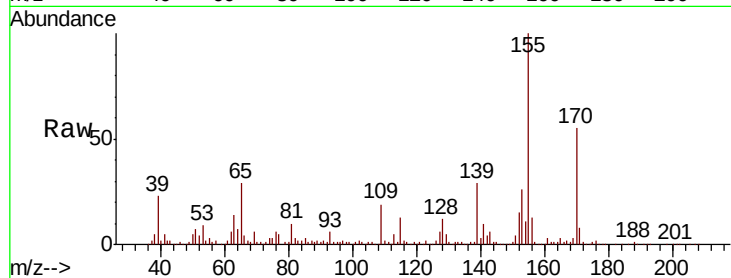
#52  
4-Nitrophenol  
Concen: 17.506 ng/ul m  
RT: 14.34 min Scan# 1930  
Delta R.T. 0.01 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampleId :  
GASZ4MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 109     | 100   |       |        |
| 139     | 152.6 | 85.3  | 127.9# |
| 65      | 152.4 | 125.7 | 188.5  |

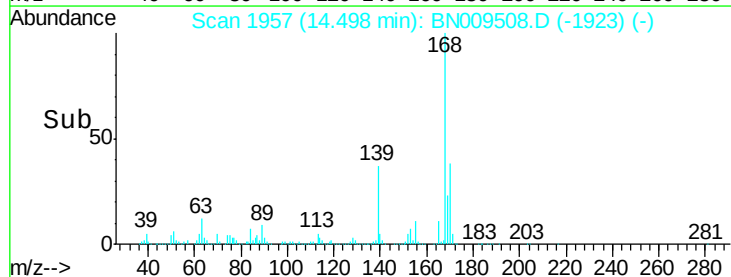
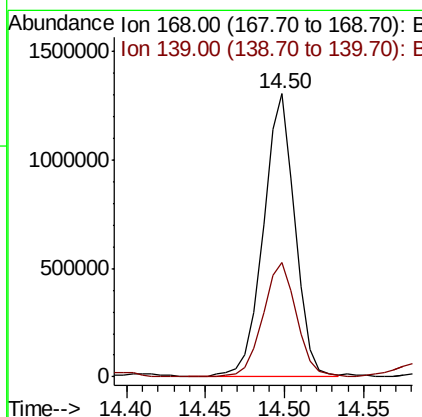
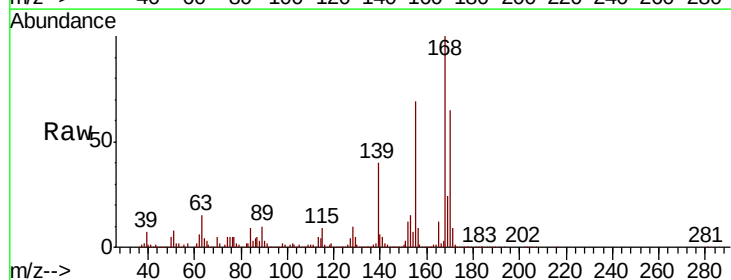
Manual Integrations  
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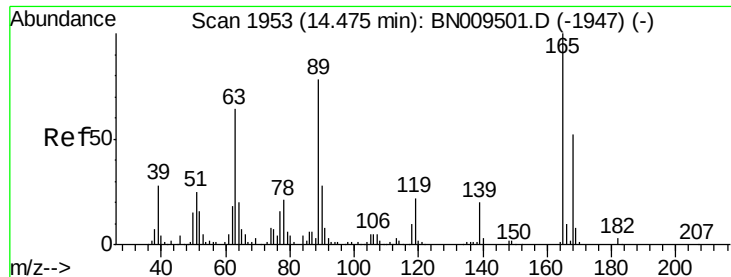
mohammad  
2/3/2020 4:08:38 PM



#53  
Dibenzofuran  
Concen: 40.497 ng/ul  
RT: 14.50 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.3  | 31.4  | 47.2  |





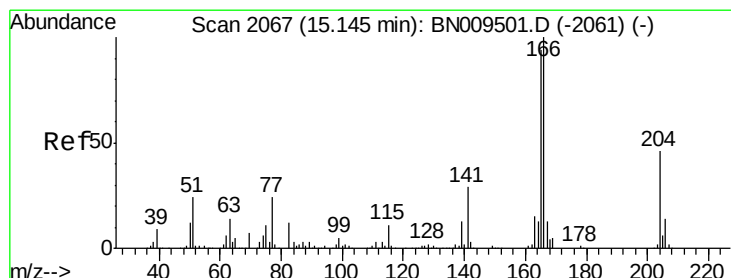
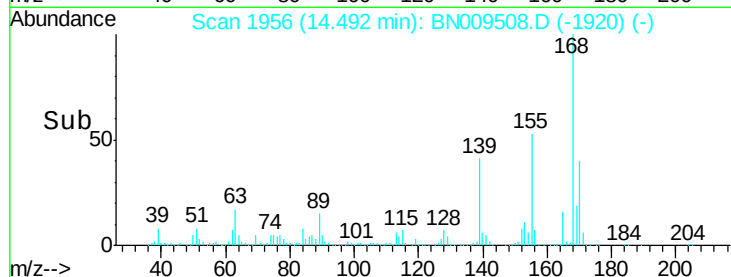
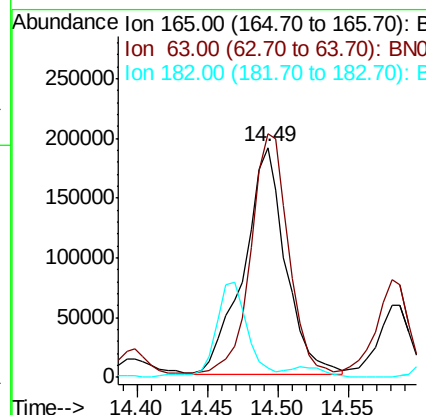
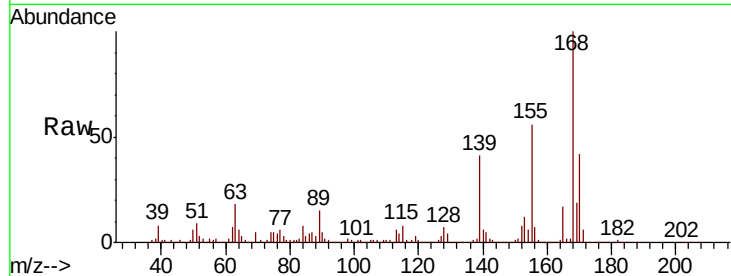
#54  
2,4-Dinitrotoluene  
Concen: 36.994 ng/ul  
RT: 14.49 min Scan# 1956  
Delta R.T. 0.01 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampled :  
GASZ4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 397379 |       |       |
| 63      | 106.0 | 55.4   | 83.0# |       |
| 182     | 3.9   | 2.0    | 3.0#  |       |

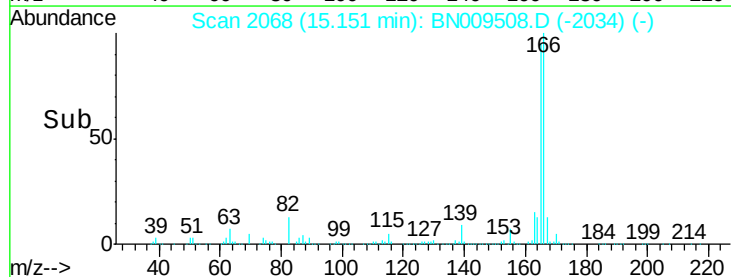
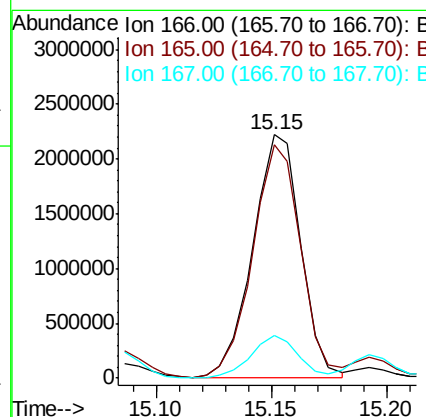
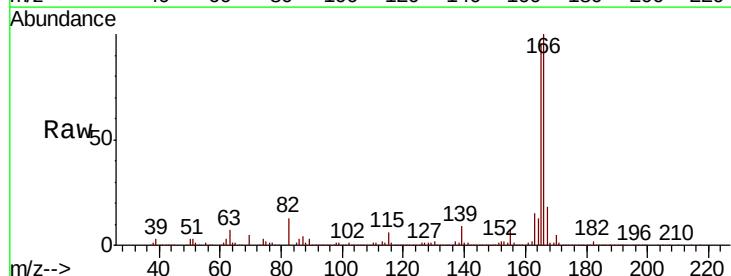
Manual Integrations  
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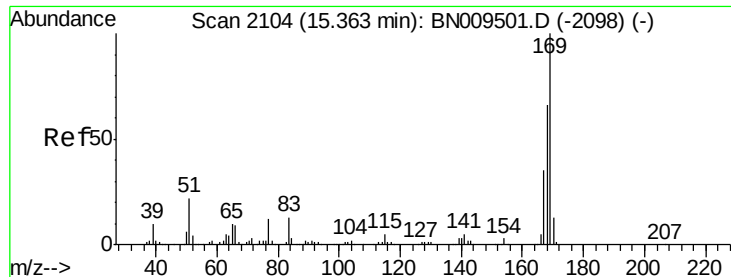
mohammad  
2/3/2020 4:08:38 PM



#58  
Fluorene  
Concen: 85.410 ng/ul  
RT: 15.15 min Scan# 2068  
Delta R.T. -0.00 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 3194621 |       |       |
| 165     | 95.8  | 76.5    | 114.7 |       |
| 167     | 17.6  | 10.9    | 16.3# |       |





#64

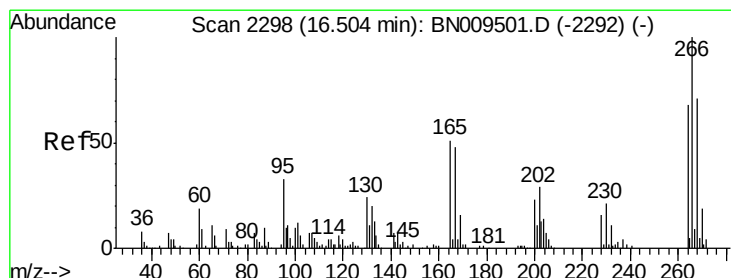
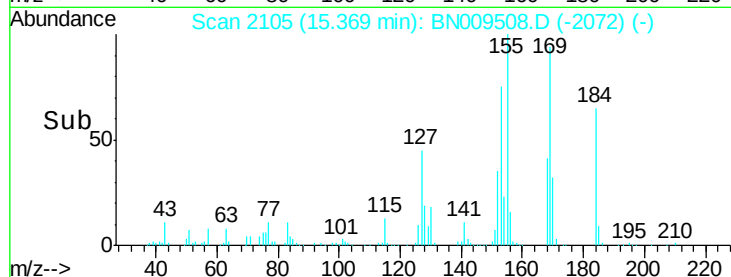
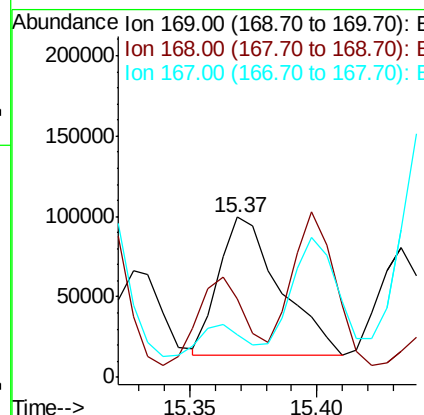
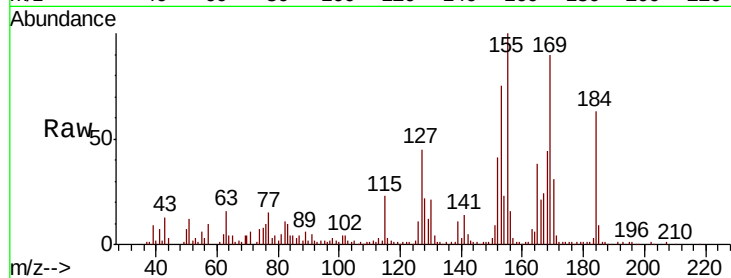
N-Nitrosodiphenylamine  
Concen: 5.925 ng/ul  
RT: 15.37 min Scan# 2105  
Delta R.T. -0.01 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampleID :  
GASZ4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 48.7  | 49.8  | 74.8# |
| 167     | 26.7  | 27.6  | 41.4# |

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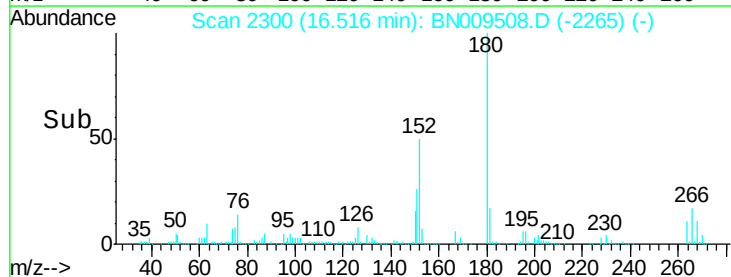
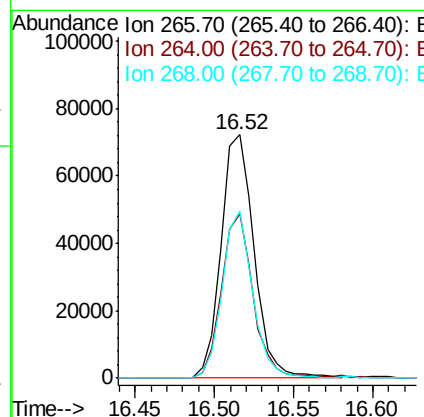
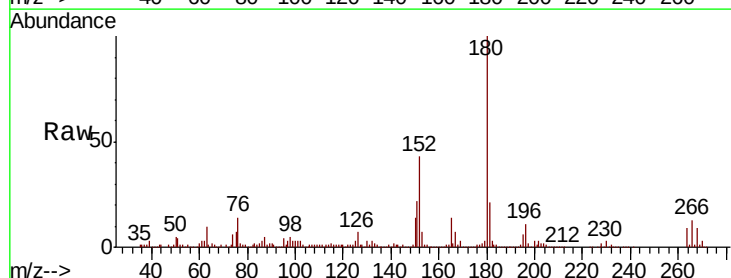
mohammad  
2/3/2020 4:08:38 PM

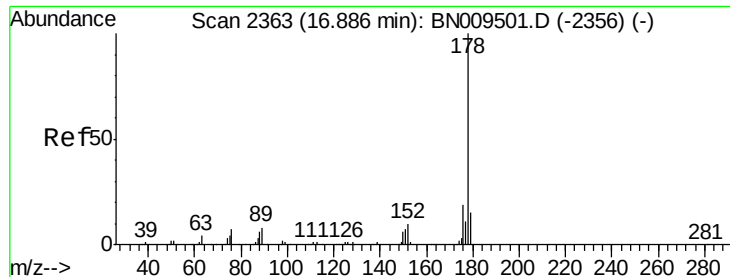


#68

Pentachlorophenol  
Concen: 19.448 ng/ul  
RT: 16.52 min Scan# 2300  
Delta R.T. 0.01 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 67.5  | 54.0  | 81.0  |
| 268     | 68.4  | 58.8  | 88.2  |





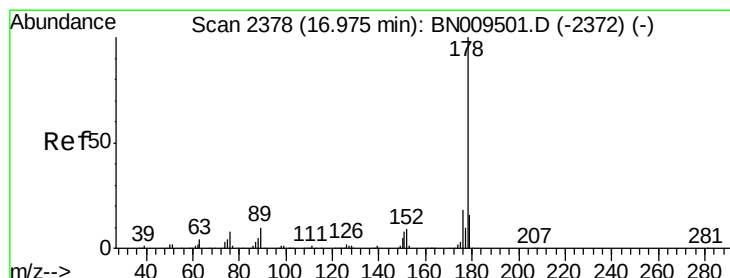
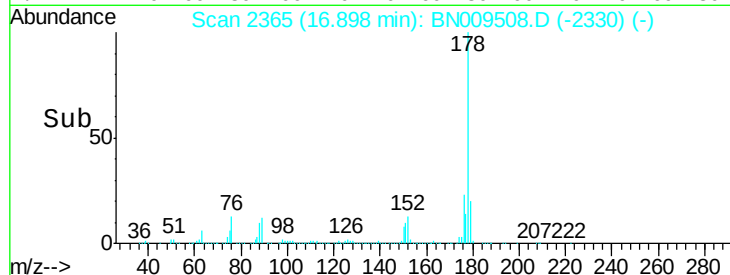
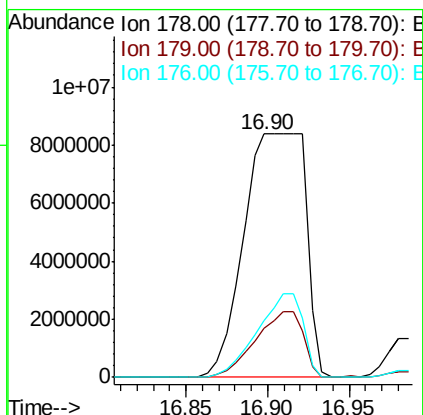
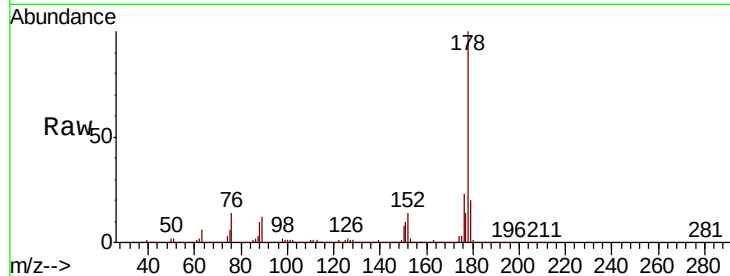
#69  
Phenanthrene  
Concen: 475.490 ng/ul m  
RT: 16.90 min Scan# 2365  
Delta R.T. 0.01 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampled :  
GASZ4MSD

Tot Ion:178 Resp:22197493  
Ion Ratio Lower Upper  
178 100  
179 20.2 13.3 19.9#  
176 23.3 15.5 23.3#

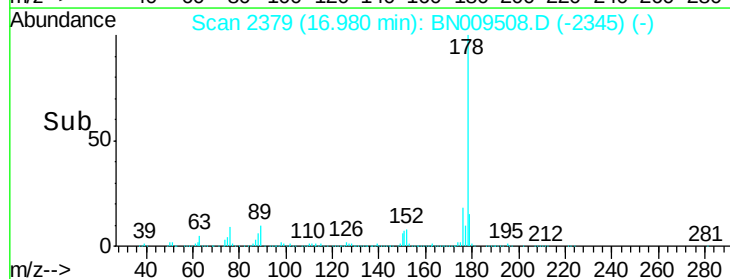
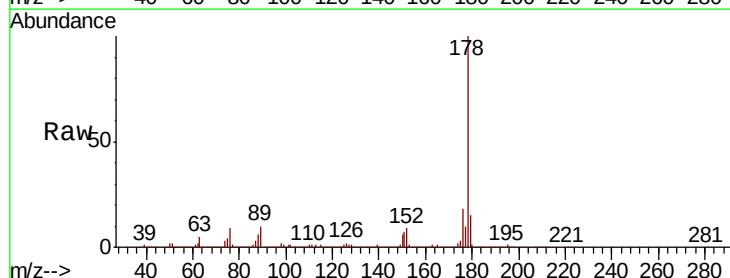
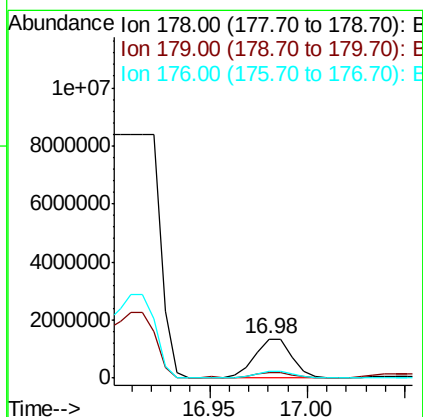
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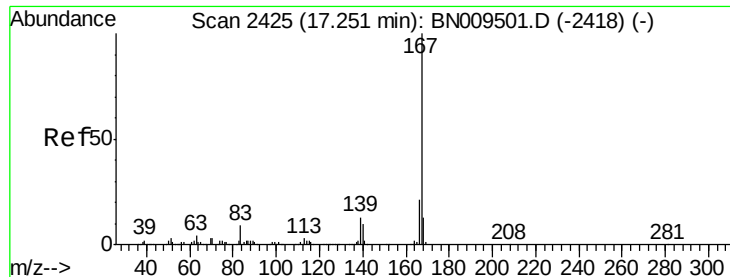
mohammad  
2/3/2020 4:08:38 PM



#71  
Anthracene  
Concen: 37.427 ng/ul  
RT: 16.98 min Scan# 2379  
Delta R.T. -0.00 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Tgt Ion:178 Resp: 1778979  
Ion Ratio Lower Upper  
178 100  
179 15.4 11.8 17.6  
176 18.5 14.6 22.0





#74

Carbazole

Concen: 1.275 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

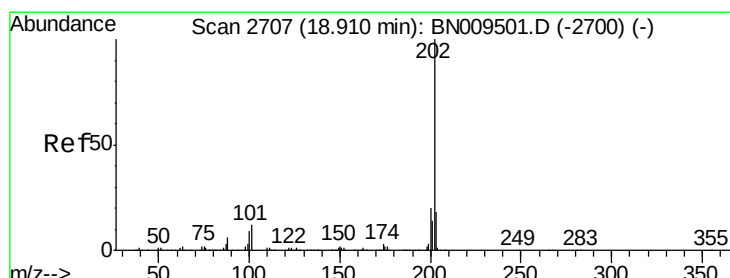
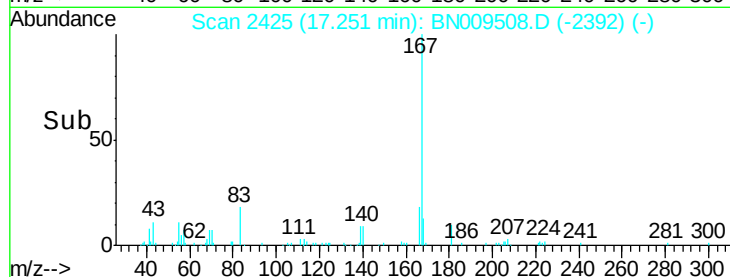
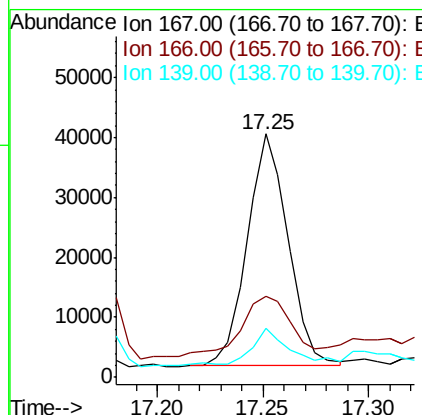
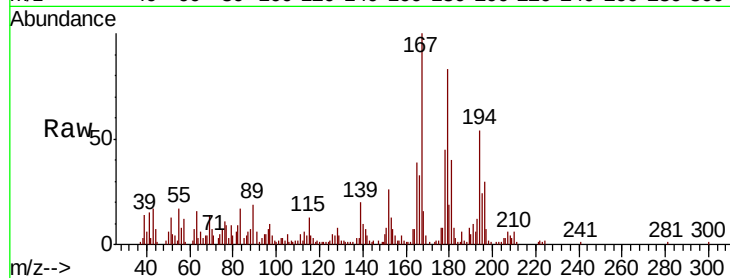
ClientSampled :

GASZ4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 33.3  | 17.4  | 26.2# |
| 139     | 20.0  | 10.6  | 15.8# |

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#76

Fluoranthene

Concen: 91.573 ng/ul

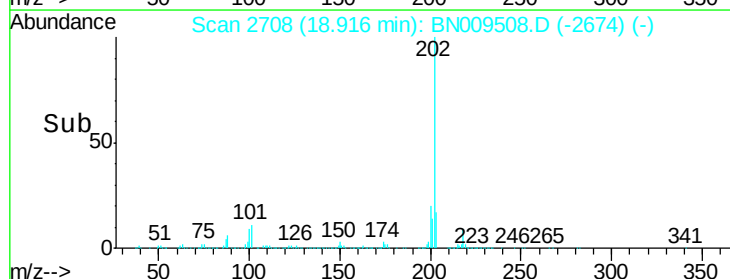
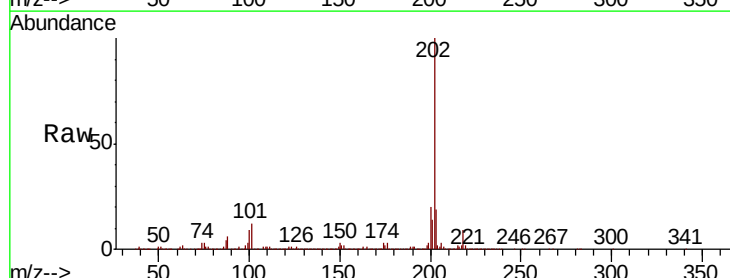
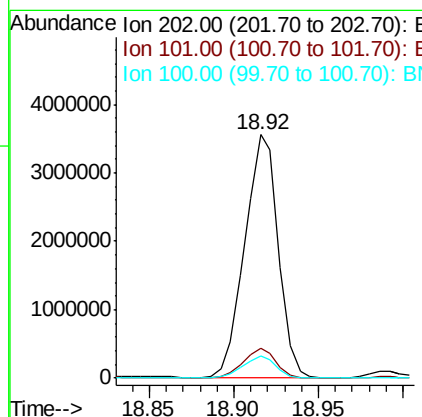
RT: 18.92 min Scan# 2708

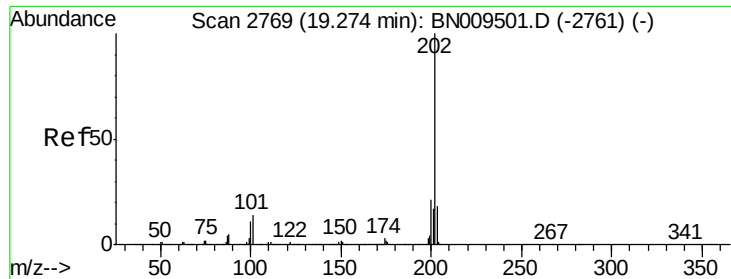
Delta R.T. -0.00 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.3  | 9.7   | 14.5  |
| 100     | 9.4   | 7.1   | 10.7  |





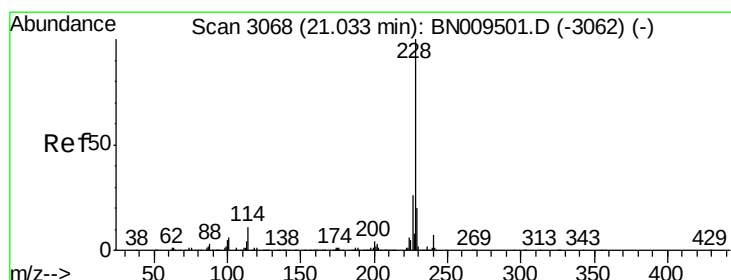
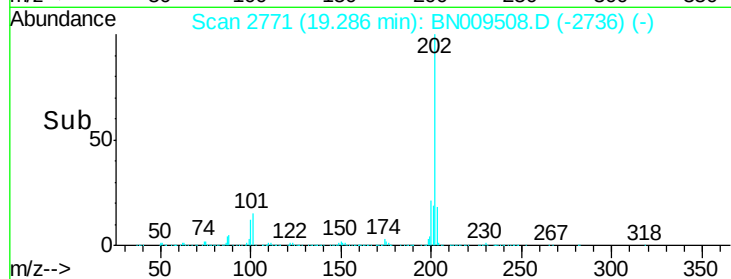
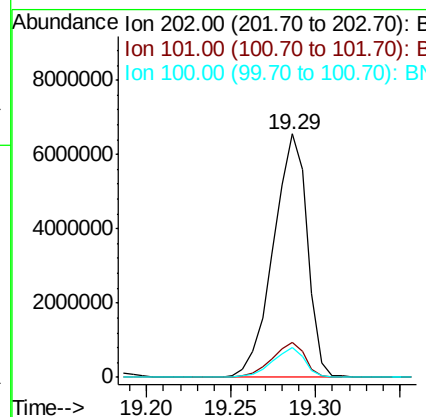
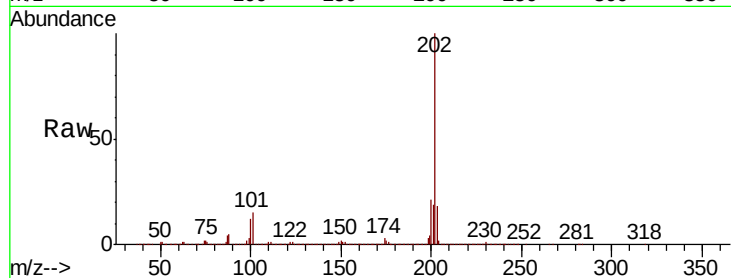
#79  
Pvrene  
Concen: 175.299 ng/ul  
RT: 19.29 min Scan# 2771  
Delta R.T. 0.01 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampleId :  
GASZ4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.6  | 10.9  | 16.3  |
| 100     | 12.0  | 8.6   | 12.8  |

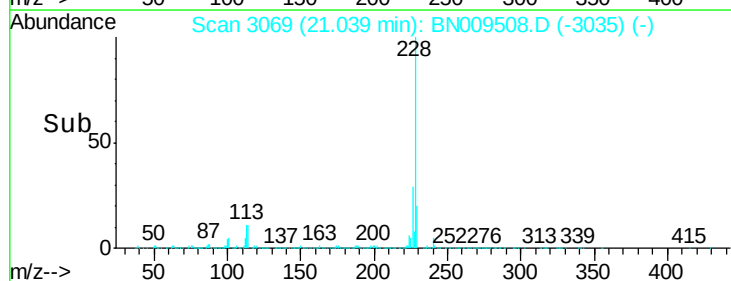
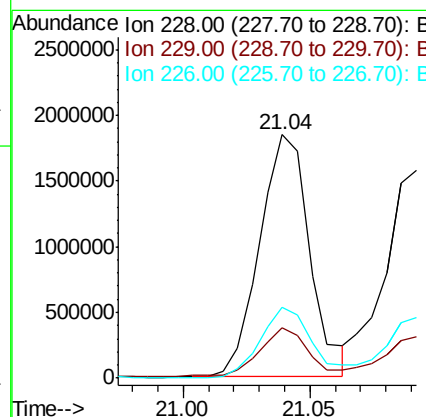
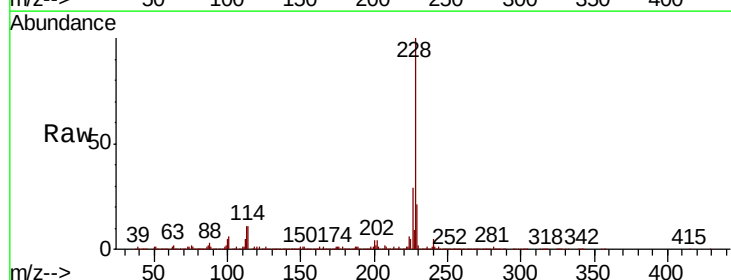
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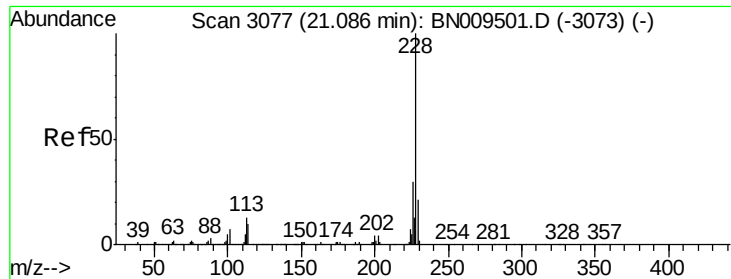
mohammad  
2/3/2020 4:08:38 PM



#82  
Benzo(a)anthracene  
Concen: 51.782 ng/ul  
RT: 21.04 min Scan# 3069  
Delta R.T. -0.00 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 20.6  | 15.9  | 23.9  |
| 226     | 29.1  | 20.9  | 31.3  |





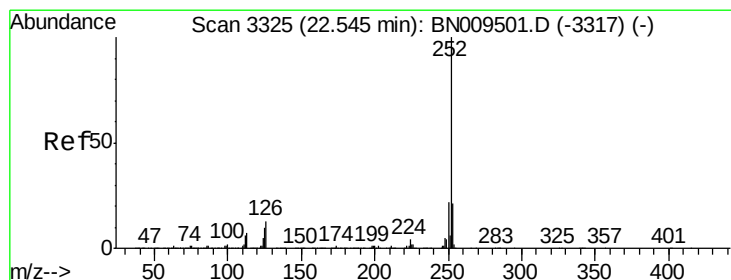
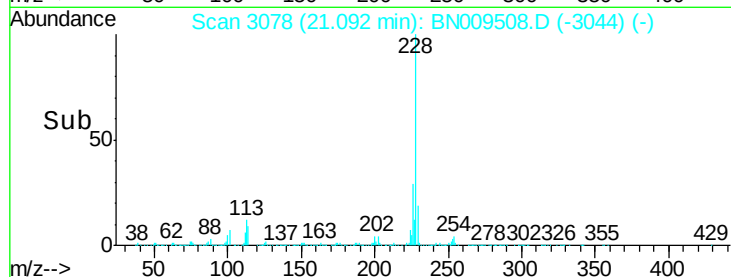
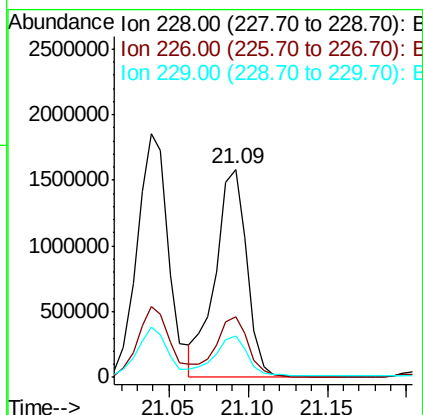
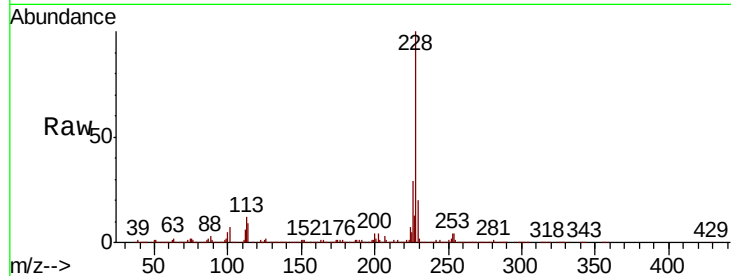
#84  
Chrysene  
Concen: 45.579 ng/ul  
RT: 21.09 min Scan# 3078  
Delta R.T. -0.00 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

Instrument :  
BNA\_N  
ClientSampleId :  
GASZ4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 22.9  | 34.3  |
| 229     | 20.0  | 15.4  | 23.0  |

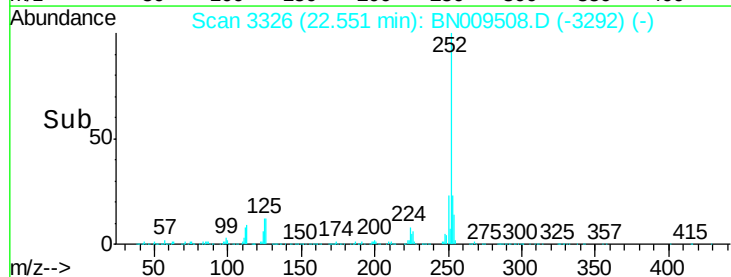
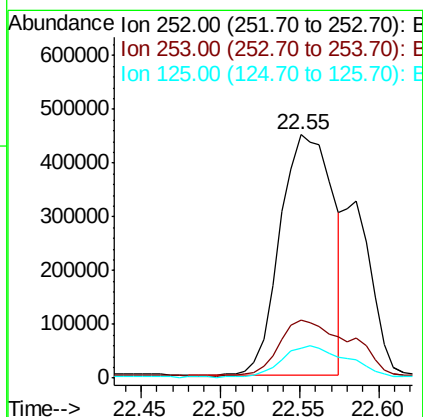
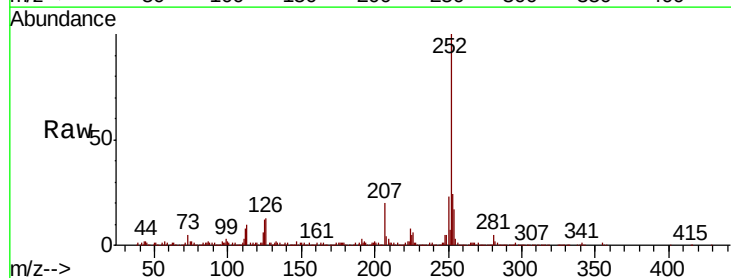
Manual Integrations  
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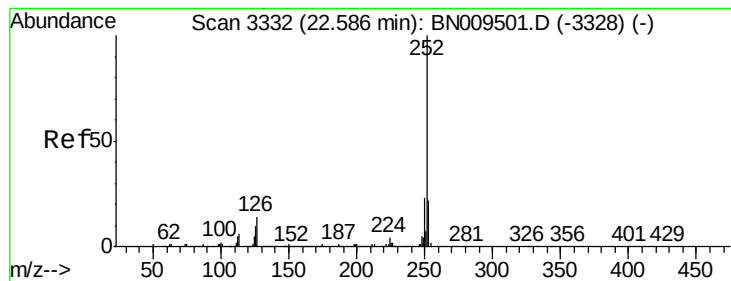
mohammad  
2/3/2020 4:08:38 PM



#87  
Benzo(b)fluoranthene  
Concen: 20.732 ng/ul  
RT: 22.55 min Scan# 3326  
Delta R.T. -0.00 min  
Lab File: BN009508.D  
Acq: 31 Jan 2020 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.1  | 16.5  | 24.7  |
| 125     | 12.4  | 8.2   | 12.2# |





#88

Benzo(k)fluoranthene

Concen: 7.962 ng/ul m

RT: 22.59 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

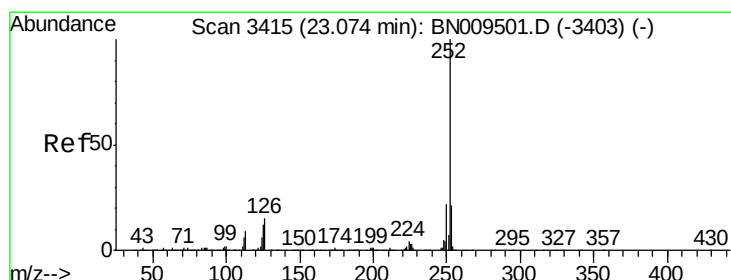
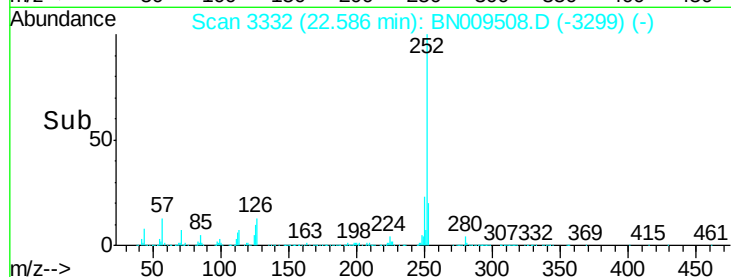
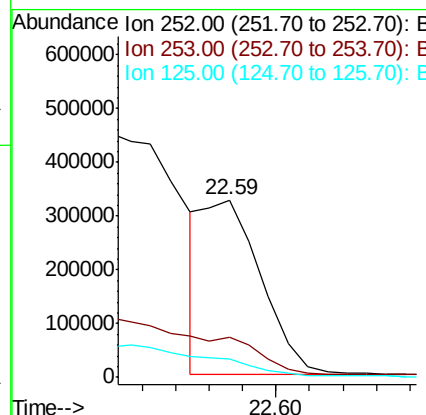
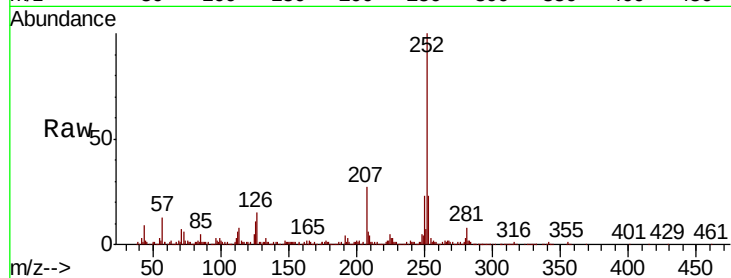
ClientSampleId :

GASZ4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 392421 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.6  | 17.0  | 25.4   |
| 125       | 10.5  | 7.8   | 11.8   |

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#90

Benzo(a)pyrene

Concen: 19.174 ng/ul

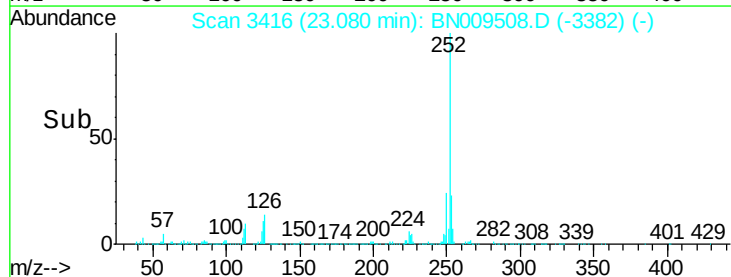
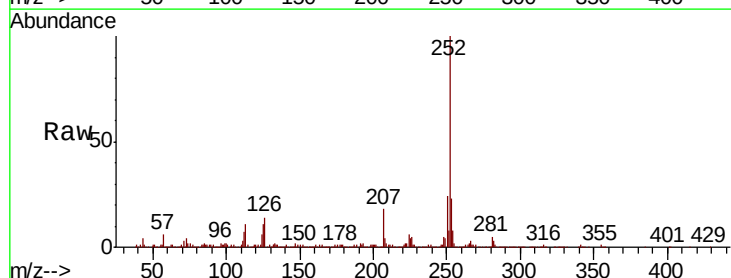
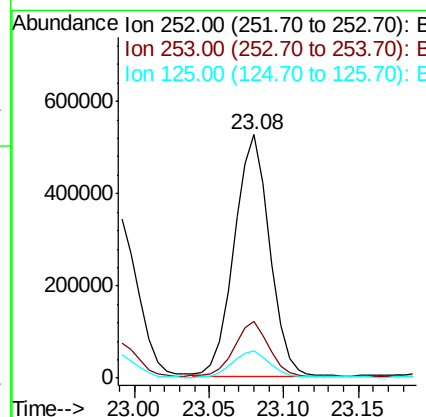
RT: 23.08 min Scan# 3416

Delta R.T. -0.00 min

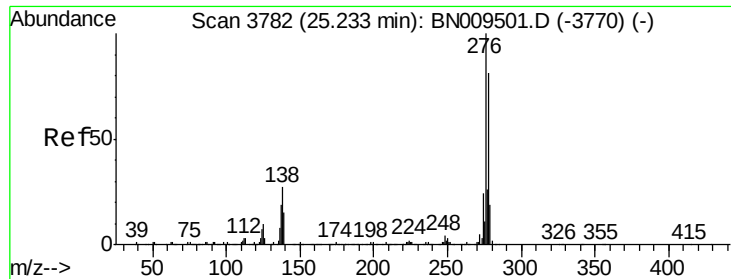
Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 862705 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.4  | 18.0  | 27.0   |
| 125       | 11.3  | 9.8   | 14.6   |







#91

Indeno(1,2,3-cd)pyrene

Concen: 7.090 ng/ul

RT: 25.23 min Scan# 3782

Delta R.T. -0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

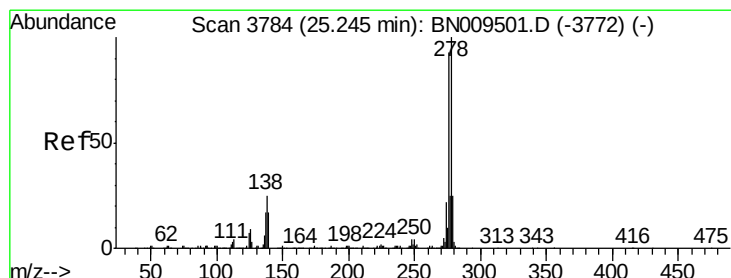
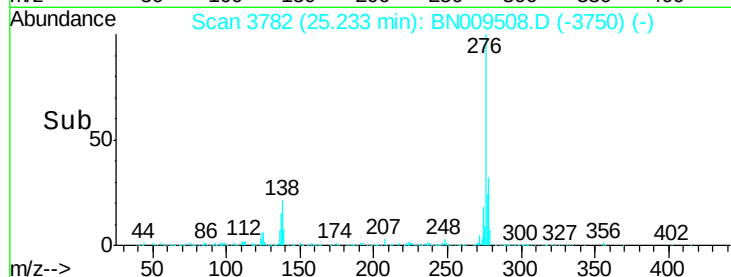
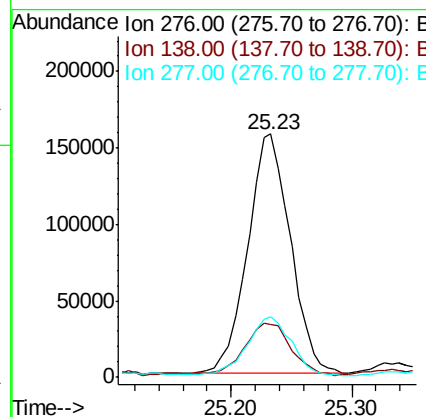
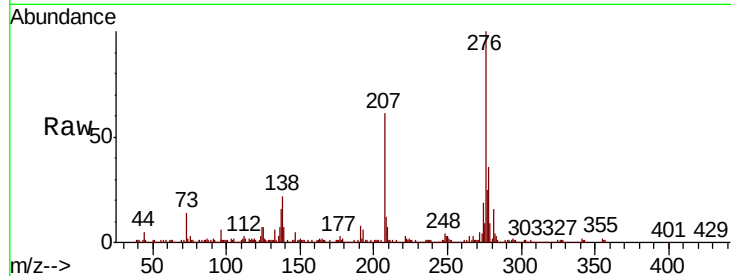
ClientSampleId :

GASZ4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 386606 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 21.9  | 21.4  | 32.0   |
| 277       | 24.7  | 20.4  | 30.6   |

Manual Integrations  
APPROVED

mohammad  
2/3/2020 4:08:38 PM



#92

Dibenzo(a,h)anthracene

Concen: 3.383 ng/ul

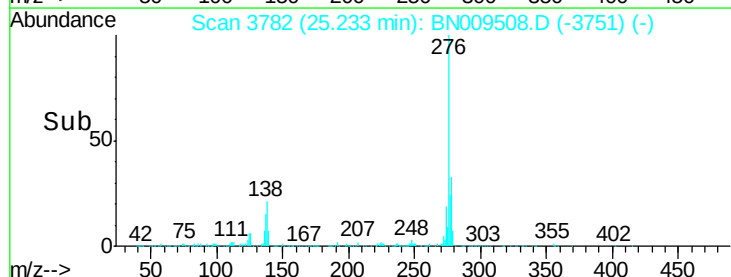
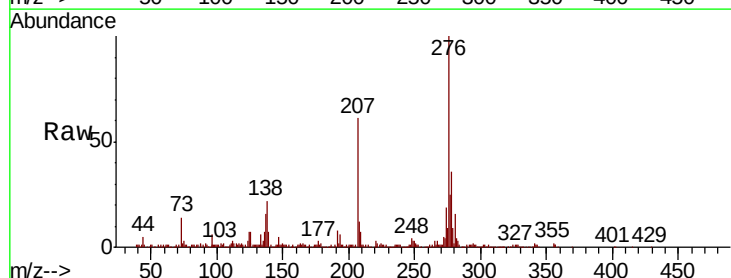
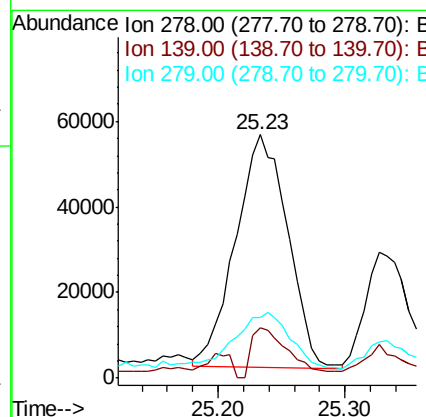
RT: 25.23 min Scan# 3782

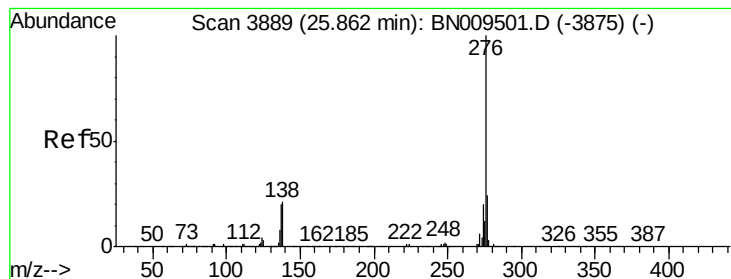
Delta R.T. -0.02 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 155635 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 20.4  | 13.9  | 20.9   |
| 279       | 25.0  | 19.3  | 28.9   |





#93

Benzo(a,h,i)perylene

Concen: 6.499 ng/ul

RT: 25.86 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BN009508.D

Acq: 31 Jan 2020 13:25

Instrument :

BNA\_N

ClientSampleId :

GASZ4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 294755 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 23.7  | 16.6  | 24.8   |
| 277       | 25.9  | 18.7  | 28.1   |

Manual Integrations  
APPROVED

mohammad  
2/3/2020 4:08:38 PM

