

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
 Data File : BN008797.D
 Acq On : 28 Nov 2019 14:47
 Operator : JU
 Sample : K5846-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFPQ0

Quant Time: Nov 29 03:32:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 15:51:44 2019
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 565996 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.34 | 136 | 2567960 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.21 | 164 | 1648564 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.95 | 188 | 3520395 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.15 | 240 | 3325852 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.31 | 264 | 3527444 | 20.00 | ng/ul | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 47835 | 3.70 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.77 | 99 | 1019905 | 17.56 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 756718 | 21.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.12 | 132 | 811857 | 20.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 651024 | 14.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.72 | 128 | 427804 | 21.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.43 | 143 | 438488 | 20.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.97 | 165 | 837551 | 19.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.48 | 131 | 689055 | 12.72 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.63 | 166 | 2762574 | 21.03 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.90 | 160 | 3306434 | 22.79 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.41 | 143 | 341428 | 12.82 | ng/ul | -0.01 |
| 57) Fluorene-d10 | 15.20 | 176 | 2477386 | 22.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 275682 | 13.55 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.05 | 188 | 3463727 | 20.78 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.35 | 212 | 4521056 | 24.37 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.17 | 264 | 4430522 | 24.07 | ng/ul | 0.00 |

Target Compounds

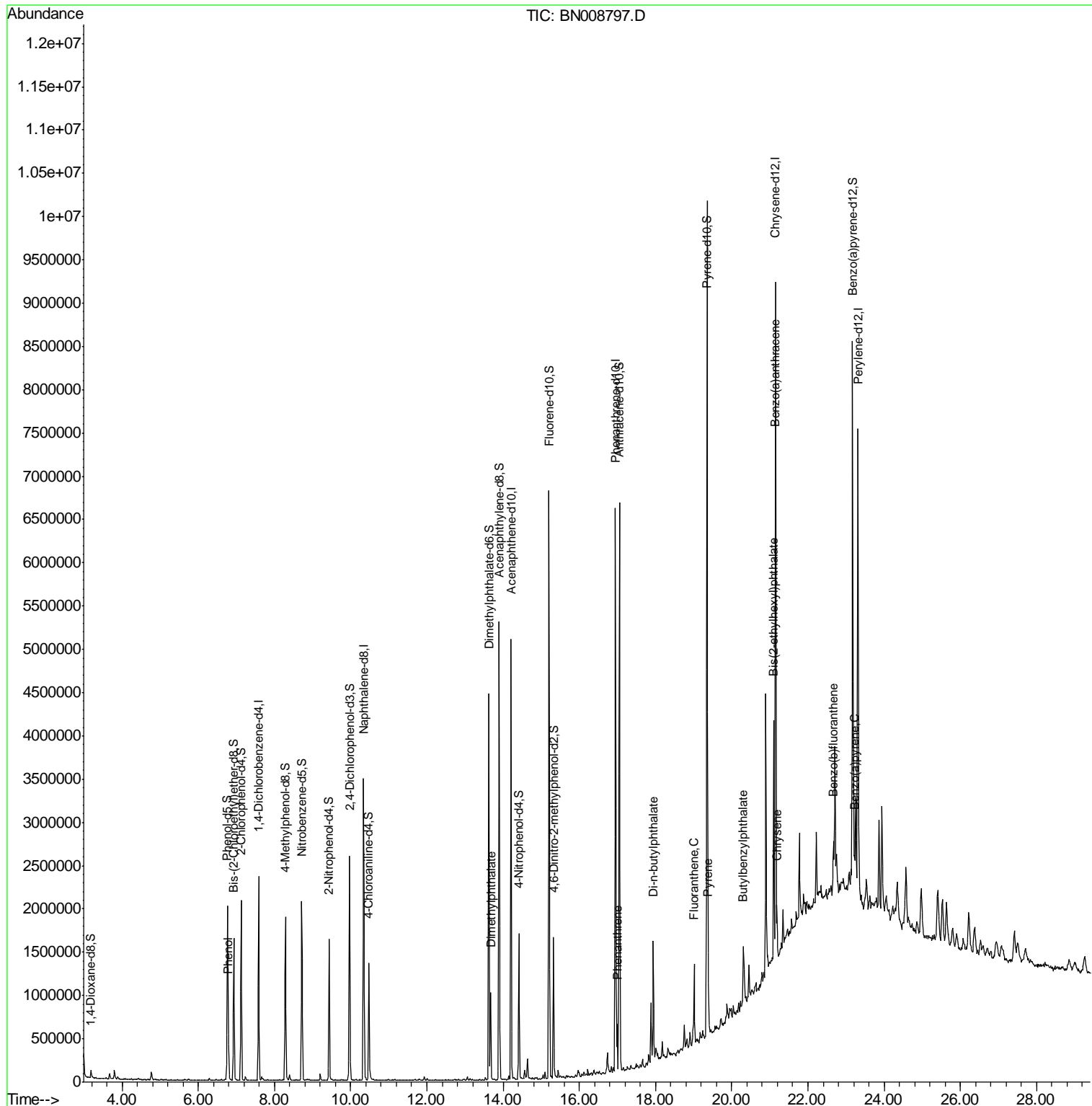
| Target Compounds | R.T. | QIon | Response | Conc | Units | Ovalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol | 6.79 | 94 | 191456 | 3.178 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.67 | 163 | 591213 | 4.610 | ng/ul | 99 |
| 69) Phenanthrene | 16.99 | 178 | 299944 | 1.552 | ng/ul | 98 |
| 75) Di-n-butylphthalate | 17.94 | 149 | 865399 | 4.129 | ng/ul | 98 |
| 76) Fluoranthene | 19.02 | 202 | 540137 | 2.556 | ng/ul | 97 |
| 79) Pyrene | 19.38 | 202 | 553575 | 2.376 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.30 | 149 | 171569 | 1.748 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.14 | 228 | 321653 | 1.379 | ng/ul | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 847939 | 5.791 | ng/ul | 99 |
| 84) Chrysene | 21.19 | 228 | 315685 | 1.447 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.67 | 252 | 396083 | 1.808 | ng/ul# | 91 |
| 90) Benzo(a)pyrene | 23.22 | 252 | 251385 | 1.200 | ng/ul# | 93 |

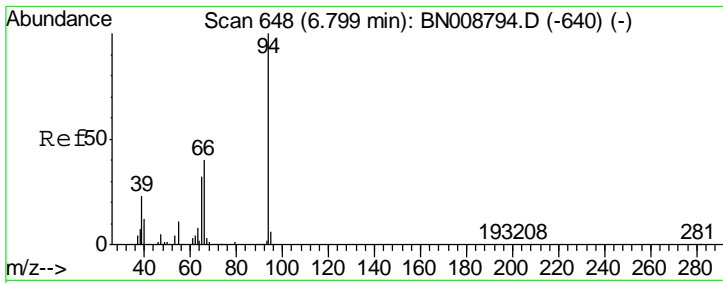
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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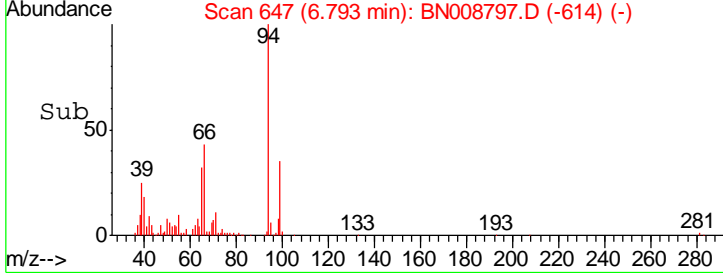
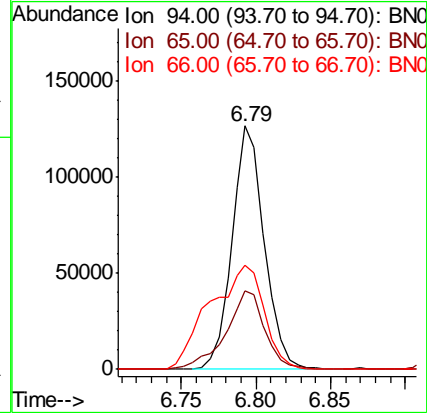
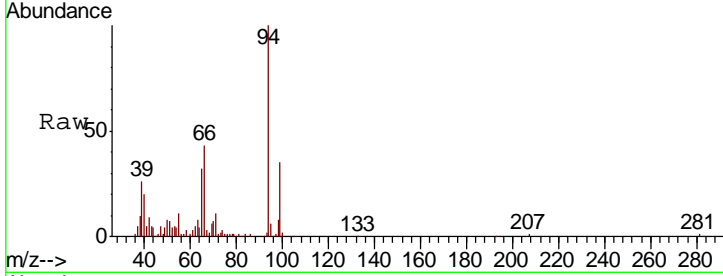




#6
 Phenol
 Concen: 3.178 ng/ul
 RT: 6.79 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

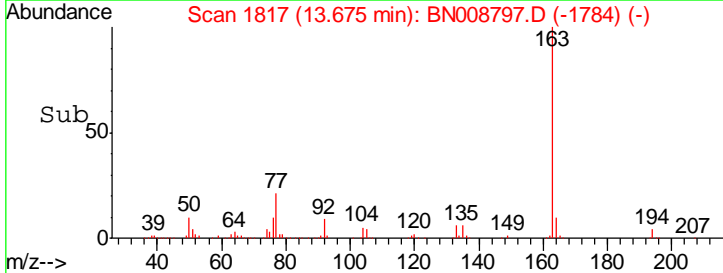
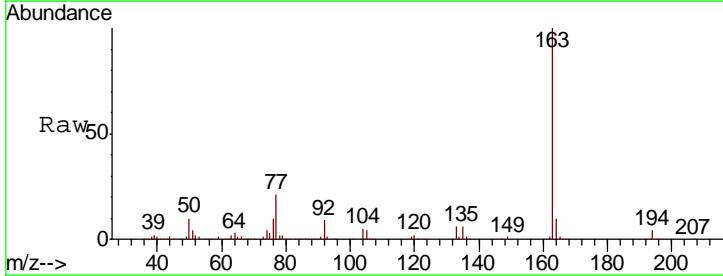
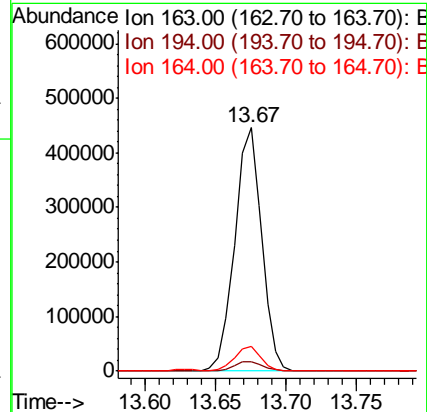
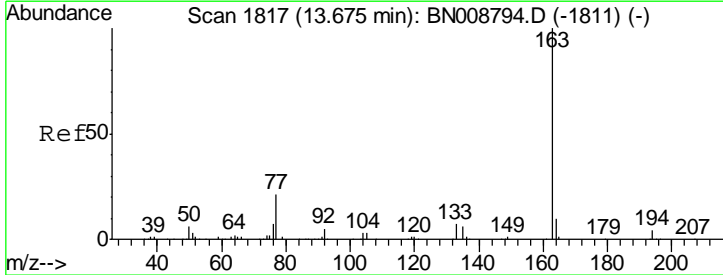
Instrument :
 BNA_N
 ClientSampled :
 BFPQ0

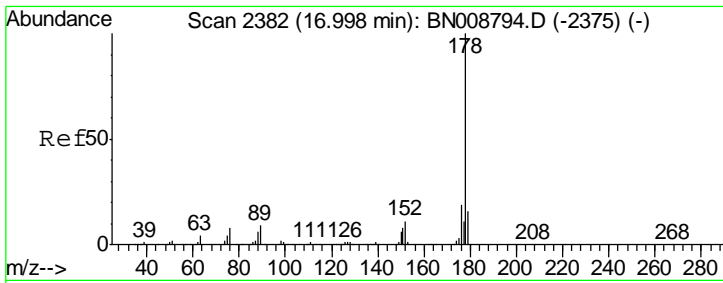
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 94 | 100 | | |
| 65 | 32.1 | 25.4 | 38.0 |
| 66 | 42.6 | 34.2 | 51.4 |



#44
 Dimethylphthalate
 Concen: 4.610 ng/ul
 RT: 13.67 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 163 | 100 | | |
| 194 | 3.7 | 3.3 | 4.9 |
| 164 | 10.0 | 7.9 | 11.9 |

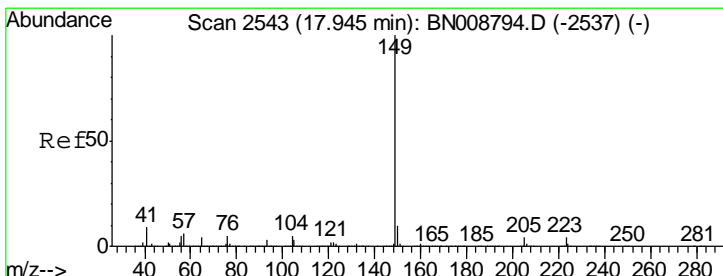
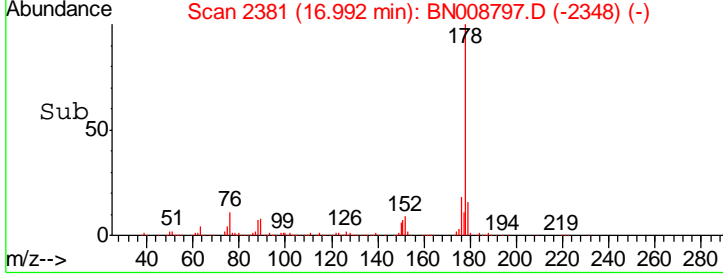
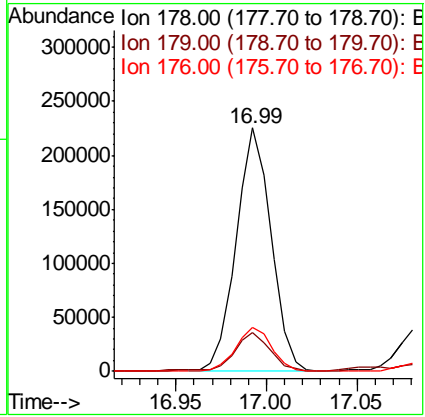
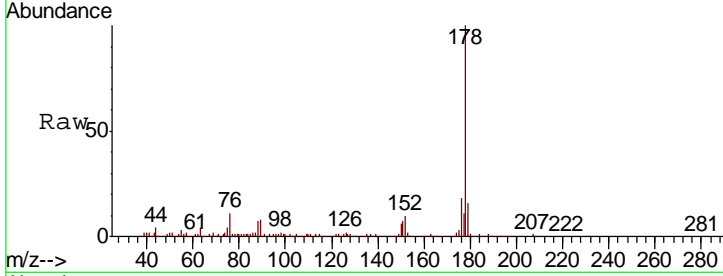




#69
 Phenanthrene
 Concen: 1.552 ng/ul
 RT: 16.99 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

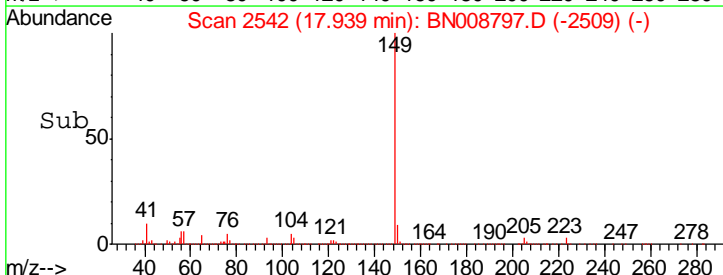
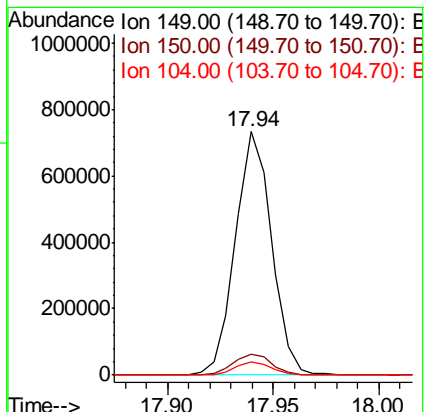
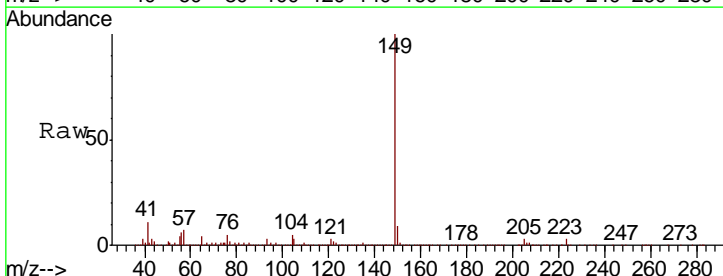
Instrument :
 BNA_N
ClientSampled :
 BFPQ0

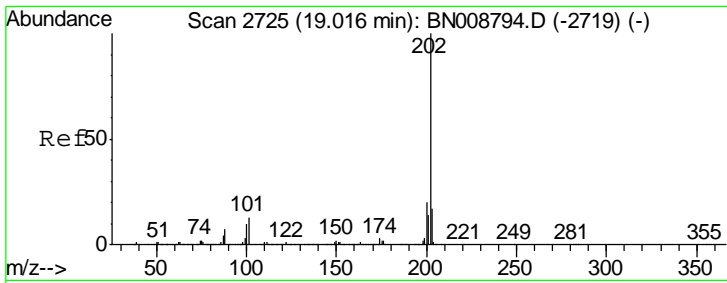
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 178 | 299944 | | |
| 179 | 15.8 | 11.8 | 17.8 |
| 176 | 17.9 | 15.0 | 22.6 |



#75
 Di-n-butylphthalate
 Concen: 4.129 ng/ul
 RT: 17.94 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 149 | 865399 | | |
| 150 | 8.7 | 7.4 | 11.2 |
| 104 | 5.5 | 4.1 | 6.1 |

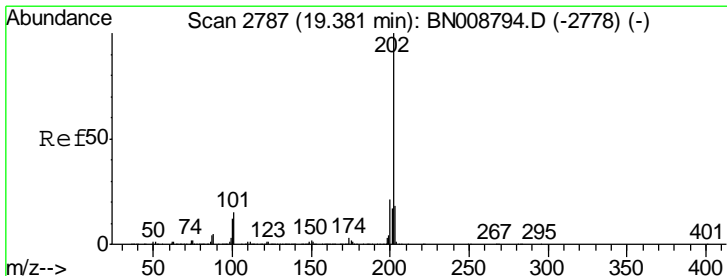
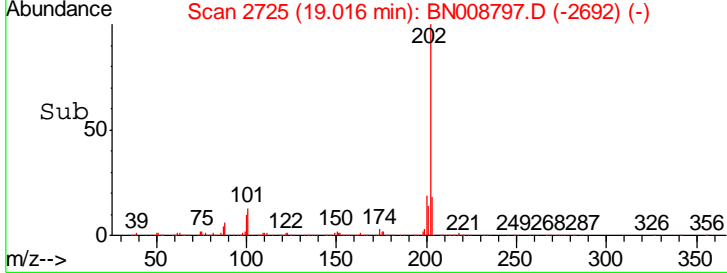
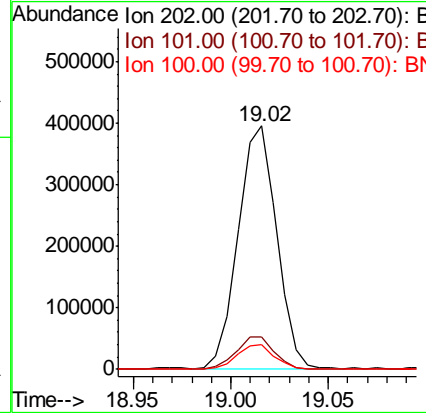
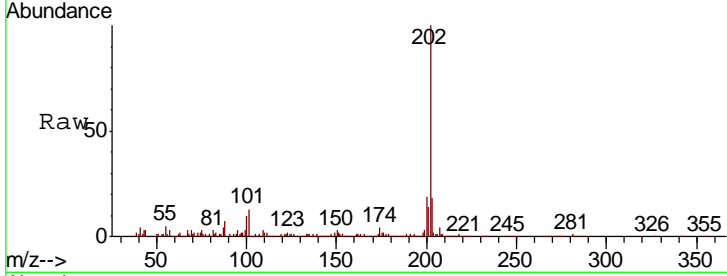




#76
 Fluoranthene
 Concen: 2.556 ng/ul
 RT: 19.02 min Scan# 2725
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

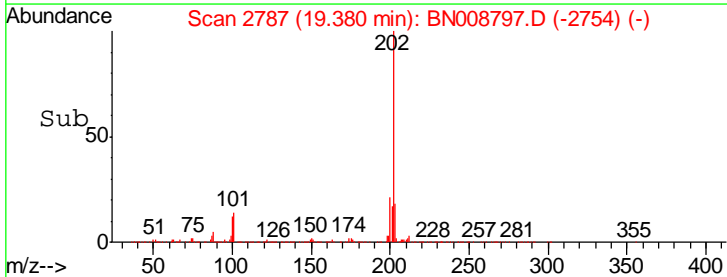
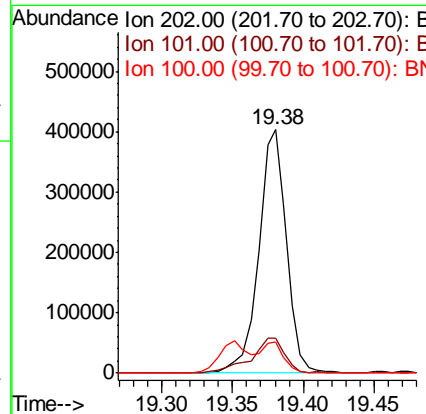
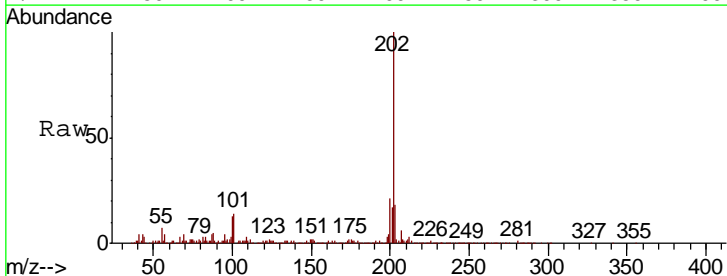
Instrument :
 BNA_N
 ClientSampled :
 BFPQ0

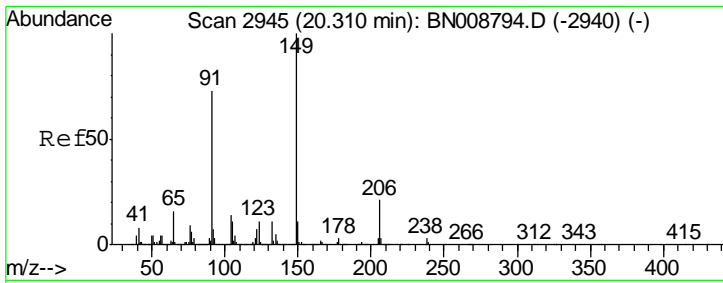
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 101 | 13.2 | 9.6 | 14.4 |
| 100 | 10.1 | 7.4 | 11.0 |



#79
 Pyrene
 Concen: 2.376 ng/ul
 RT: 19.38 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 101 | 14.4 | 11.8 | 17.6 |
| 100 | 12.5 | 9.6 | 14.4 |

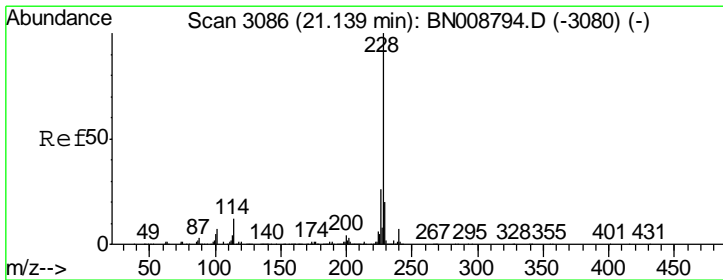
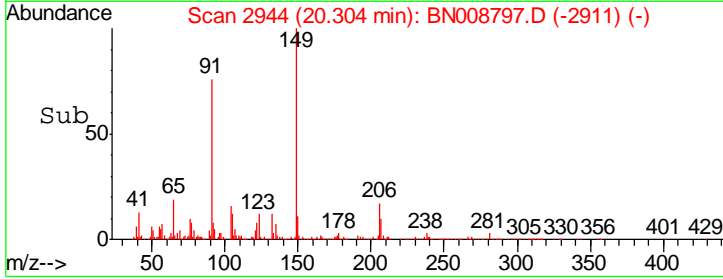
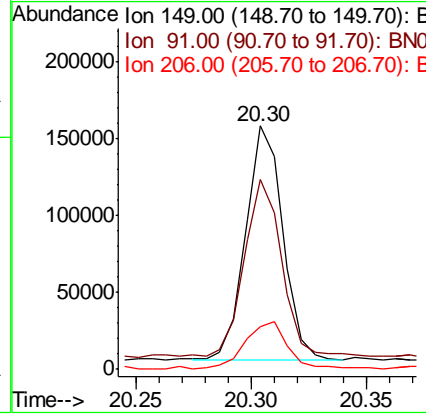
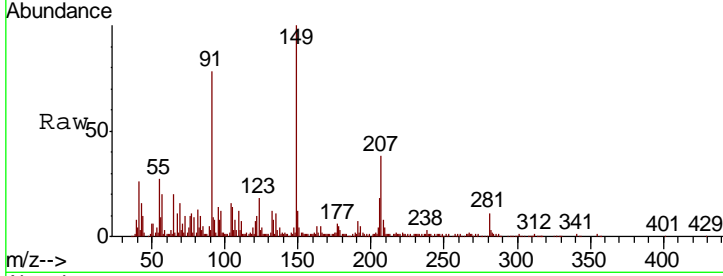




#80
 Butylbenzylphthalate
 Concen: 1.748 ng/ul
 RT: 20.30 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

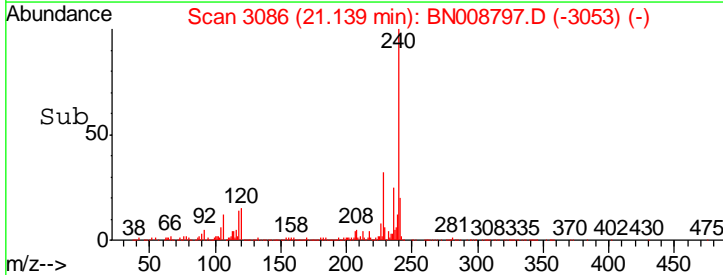
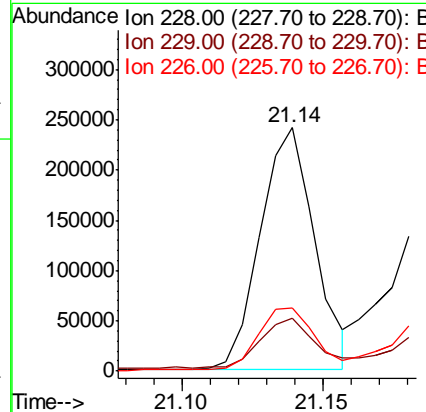
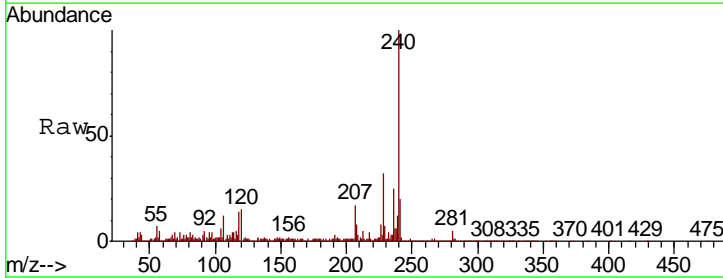
Instrument :
 BNA_N
 ClientSampled :
 BFPQ0

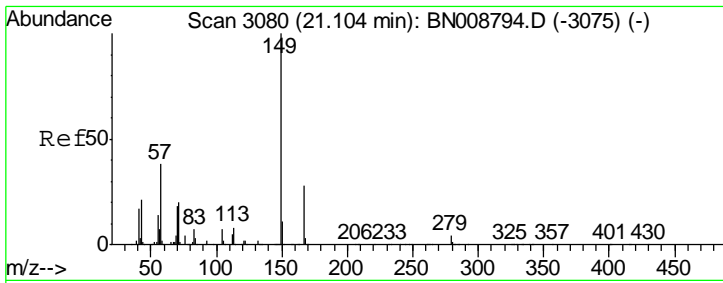
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 149 | 171569 | | |
| 91 | 78.1 | 62.9 | 94.3 |
| 206 | 17.7 | 16.2 | 24.2 |



#82
 Benzo(a)anthracene
 Concen: 1.379 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 228 | 321653 | | |
| 229 | 21.7 | 15.9 | 23.9 |
| 226 | 26.0 | 21.5 | 32.3 |

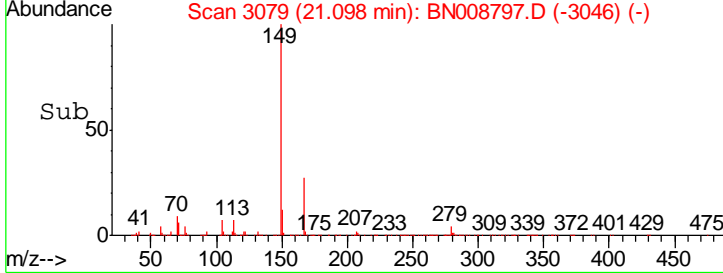
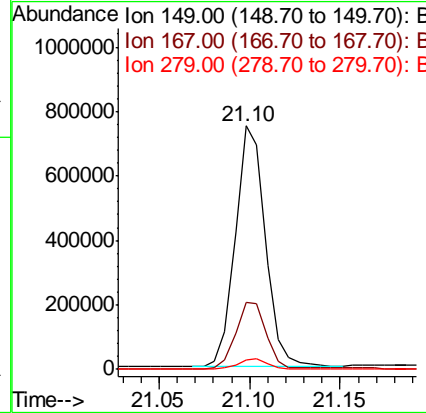
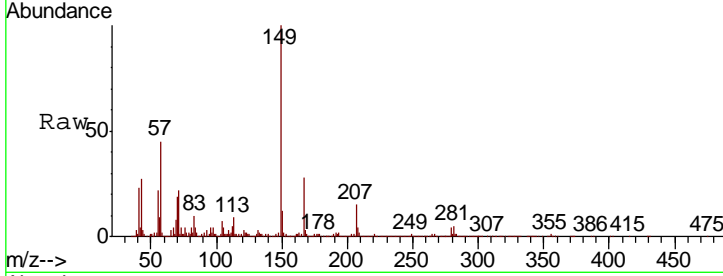




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.791 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

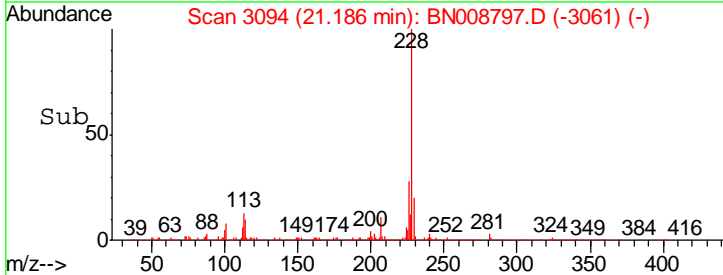
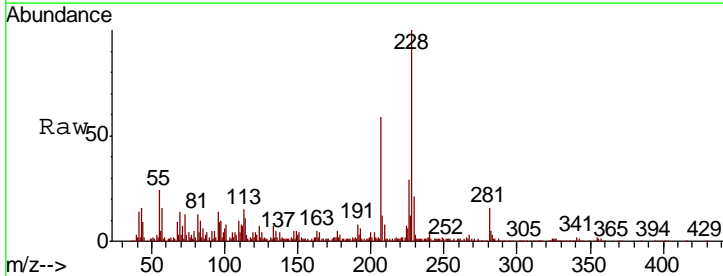
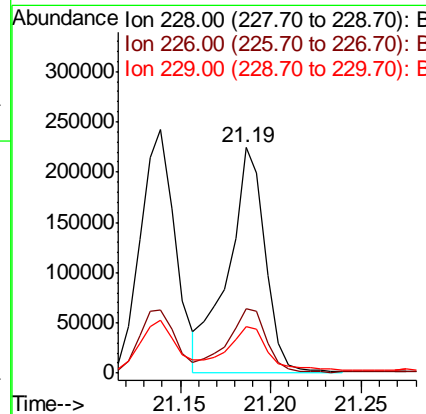
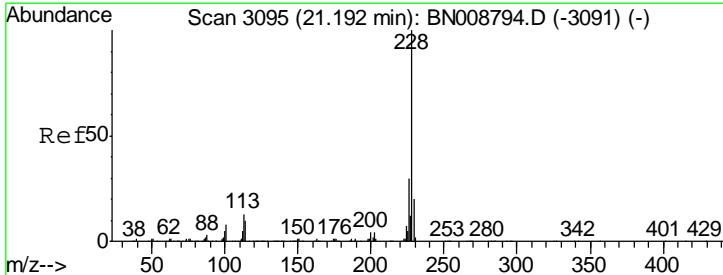
Instrument :
 BNA_N
 ClientSampled :
 BFPQ0

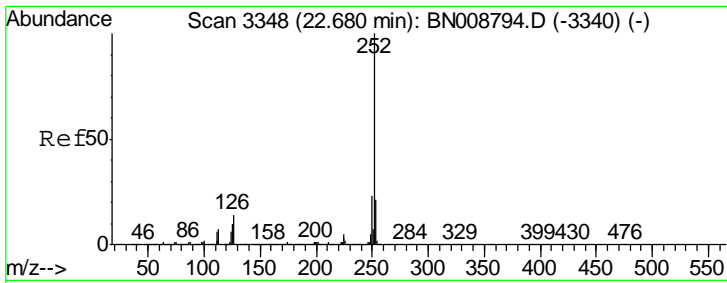
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 149 | 100 | | |
| 167 | 27.6 | 22.5 | 33.7 |
| 279 | 3.9 | 3.3 | 4.9 |



#84
 Chrysene
 Concen: 1.447 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 228 | 100 | | |
| 226 | 28.7 | 23.9 | 35.9 |
| 229 | 20.8 | 16.3 | 24.5 |

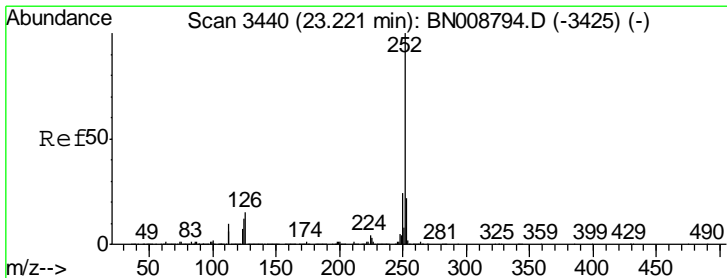
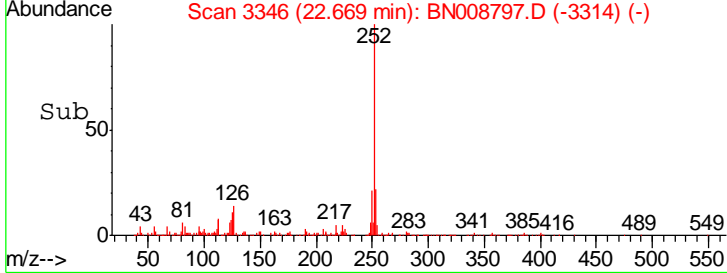
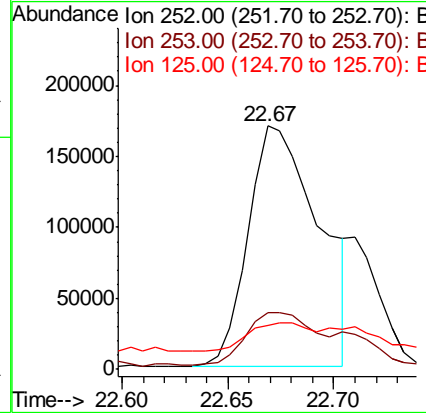
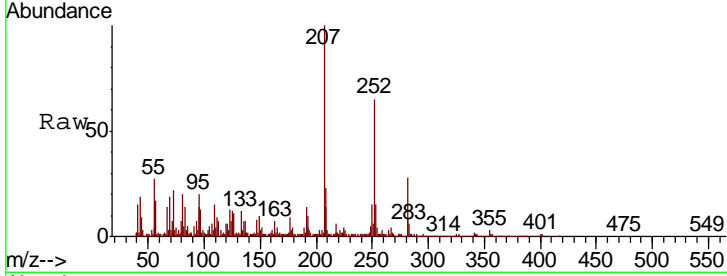




#87
 Benzo(b)fluoranthene
 Concen: 1.808 ng/ul
 RT: 22.67 min Scan# 3346
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

Instrument :
 BNA_N
 ClientSampled :
 BFPQ0

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 252 | 100 | | |
| 253 | 23.5 | 17.4 | 26.2 |
| 125 | 18.3 | 8.7 | 13.1# |



#90
 Benzo(a)pyrene
 Concen: 1.200 ng/ul
 RT: 23.22 min Scan# 3439
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 252 | 100 | | |
| 253 | 22.7 | 17.8 | 26.8 |
| 125 | 19.1 | 9.8 | 14.6# |

