

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\  
 Data File : BN004116.D  
 Acq On : 19 Dec 2018 16:42  
 Operator : JU/SJ  
 Sample : J6297-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F27

Manual Integrations  
 APPROVED

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Quant Time: Dec 20 06:00:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 20 05:49:27 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.83  | 152  | 1286     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.63 | 136  | 6788     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.47 | 164  | 4347     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.21 | 188  | 11483m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.40 | 240  | 12313m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.72 | 264  | 11060m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 2511     | 0.24   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 8444m    | 0.25   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) Acenaphthylene           | 14.19 | 152  | 411      | 0.021  | ng/ul# | 60       |
| 15) Fluoranthene            | 19.27 | 202  | 1069m    | 0.024  | ng/ul  |          |
| 17) Pyrene                  | 19.64 | 202  | 1169     | 0.026  | ng/ul# | 80       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 984      | 0.025  | ng/ul# | 82       |
| 19) Chrysene                | 21.44 | 228  | 1161     | 0.026  | ng/ul# | 82       |
| 21) Benzo(b)fluoranthene    | 23.02 | 252  | 1670m    | 0.037  | ng/ul  |          |

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

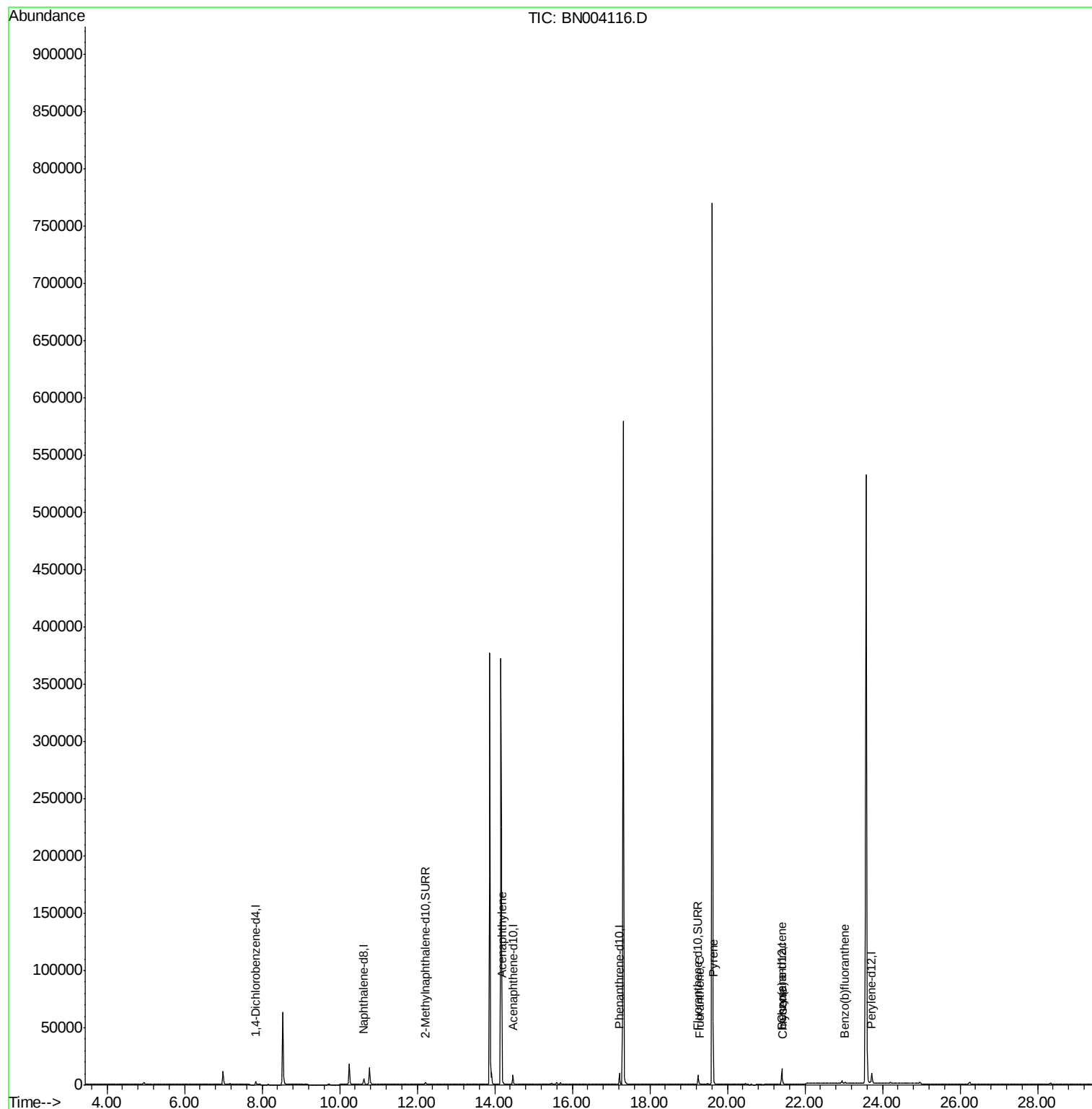
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\  
Data File : BN004116.D  
Acq On : 19 Dec 2018 16:42  
Operator : JU/SJ  
Sample : J6297-08  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

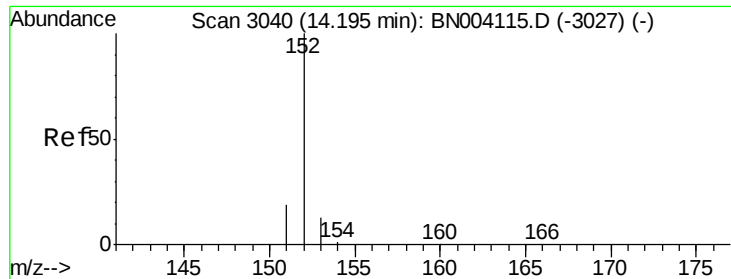
Instrument :  
BNA\_N  
ClientSampleId :  
F9F27

Quant Time: Dec 20 06:00:13 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004116.D

Acq: 19 Dec 2018 16:42

Instrument :

BNA\_N

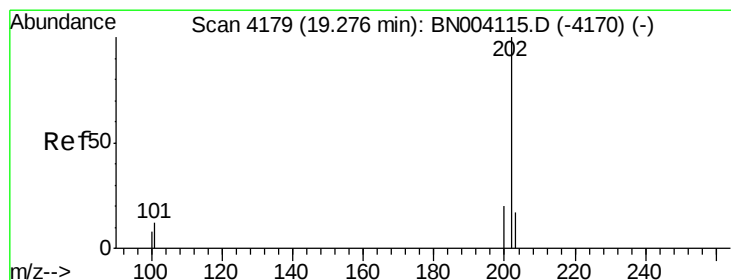
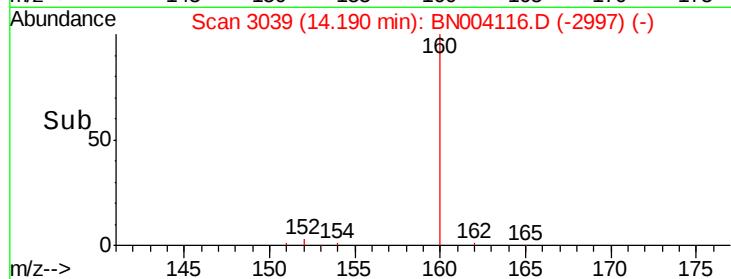
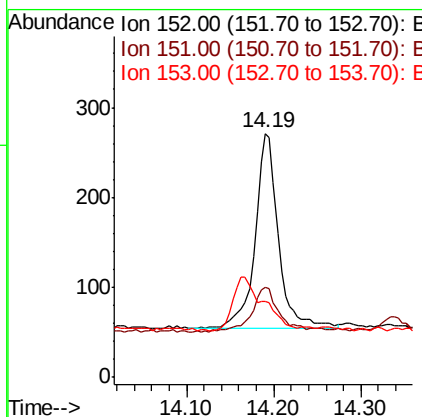
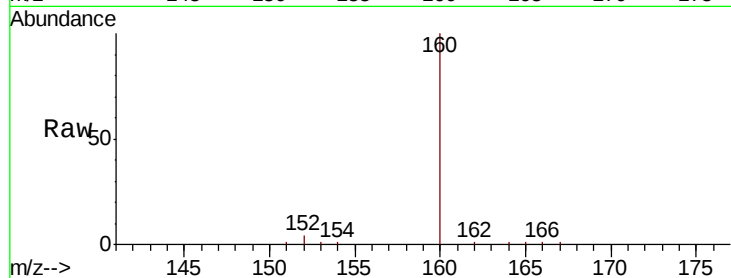
ClientSampleId :

F9F27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 411   |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 36.9  | 15.9  | 23.9# |
| 153       | 31.0  | 10.7  | 16.1# |

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#15

Fluoranthene

Concen: 0.024 ng/ul m

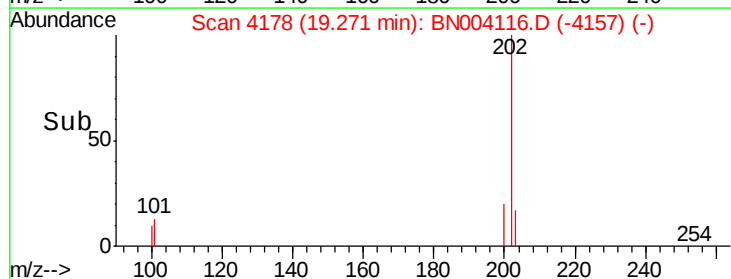
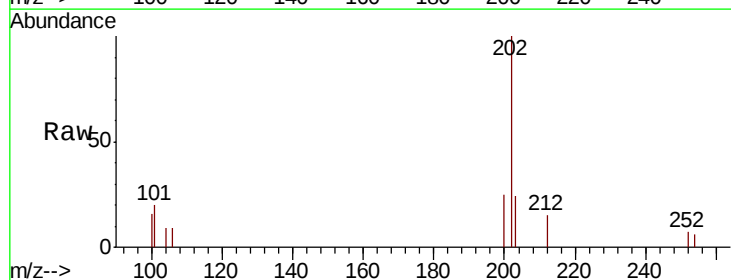
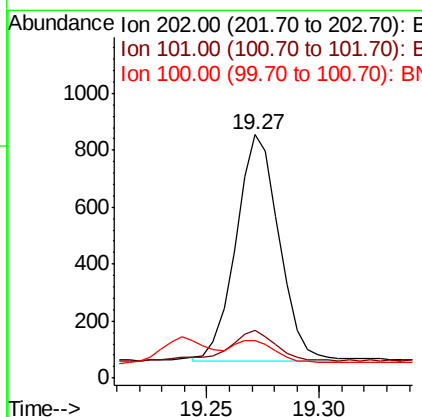
RT: 19.27 min Scan# 4178

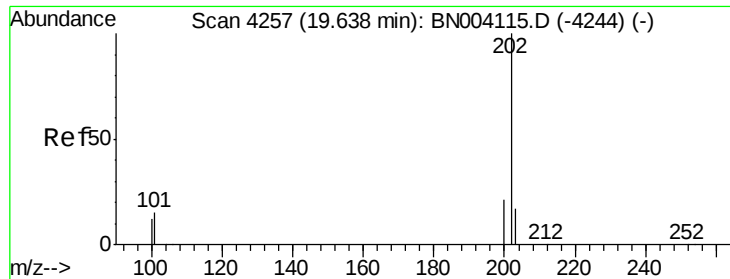
Delta R.T. -0.00 min

Lab File: BN004116.D

Acq: 19 Dec 2018 16:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 1069 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 19.5  | 0.0   | 30.7 |
| 100       | 15.6  | 0.0   | 28.1 |





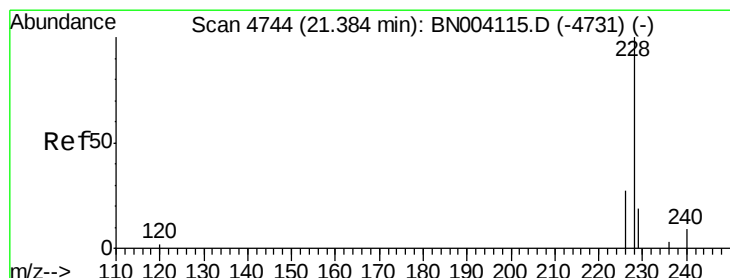
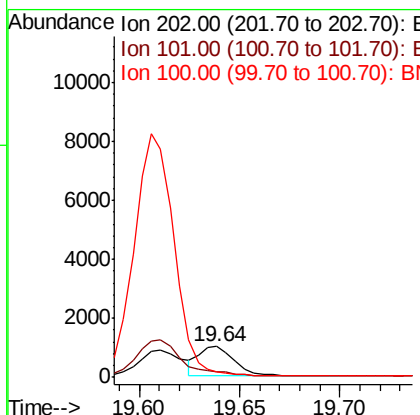
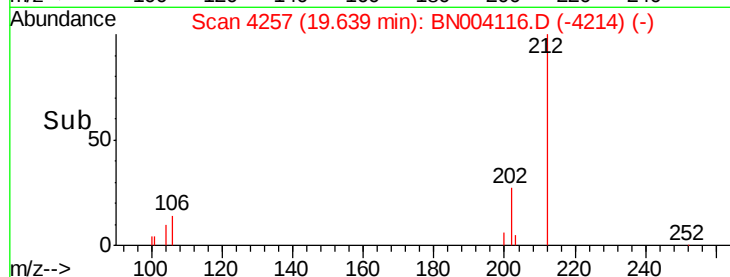
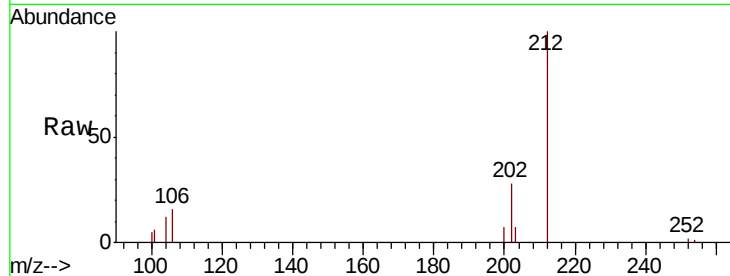
#17  
Pvrene  
Concen: 0.026 ng/ul  
RT: 19.64 min Scan# 4257  
Delta R.T. 0.00 min  
Lab File: BN004116.D  
Acq: 19 Dec 2018 16:42

Instrument :  
BNA\_N  
ClientSampleId :  
F9F27

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 20.0  | 10.3  | 15.5# |
| 100     | 19.1  | 8.5   | 12.7# |

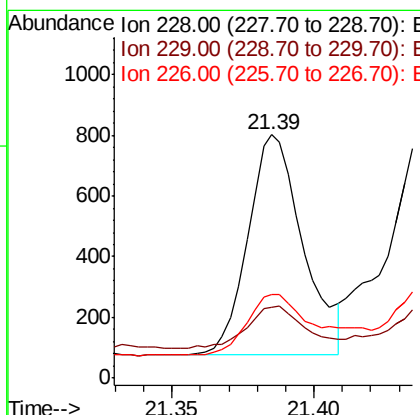
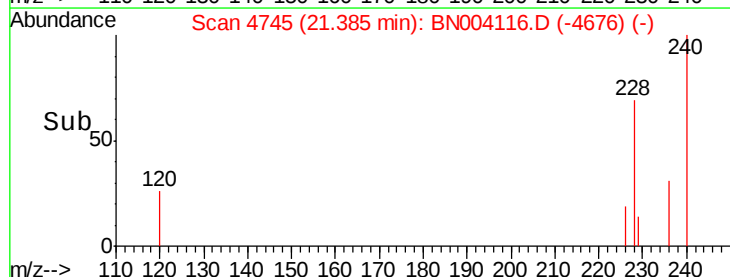
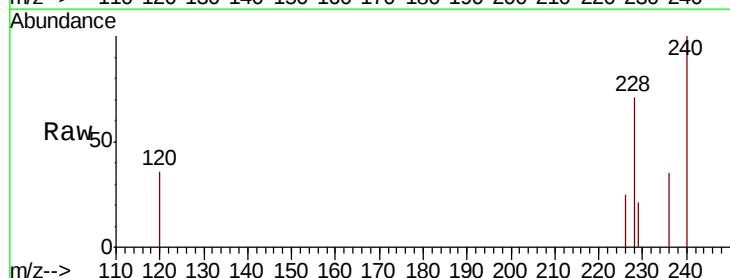
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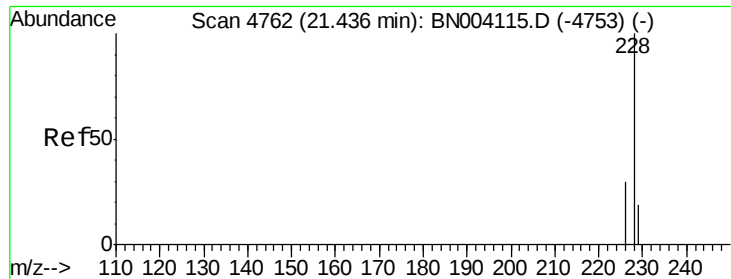
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#18  
Benzo(a)anthracene  
Concen: 0.025 ng/ul  
RT: 21.39 min Scan# 4745  
Delta R.T. 0.00 min  
Lab File: BN004116.D  
Acq: 19 Dec 2018 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 29.2  | 15.6  | 23.4# |
| 226     | 34.4  | 21.1  | 31.7# |





#19

Chrysene

Concen: 0.026 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004116.D

Acq: 19 Dec 2018 16:42

Instrument :

BNA\_N

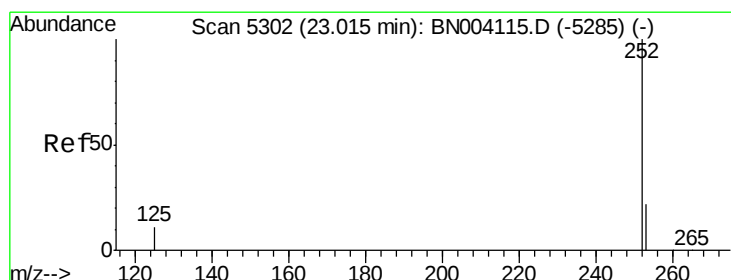
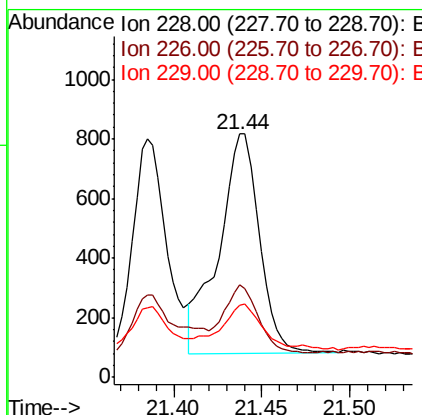
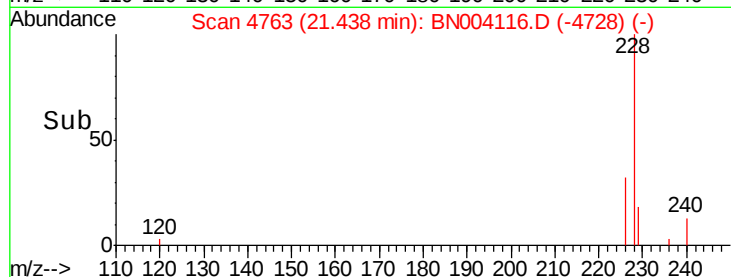
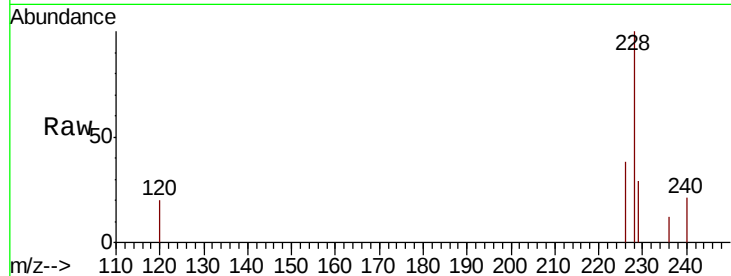
ClientSampled :

F9F27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 228   | Resp: | 1161  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 38.2  | 24.0  | 36.0# |
| 229       | 29.4  | 15.7  | 23.5# |

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#21

Benzo(b)fluoranthene

Concen: 0.037 ng/ul m

RT: 23.02 min Scan# 5305

Delta R.T. 0.01 min

Lab File: BN004116.D

Acq: 19 Dec 2018 16:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 1670  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 46.4  | 0.0   | 46.0# |
| 125       | 37.6  | 0.0   | 22.4# |

