

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\  
 Data File : BN006953.D  
 Acq On : 22 Jul 2019 22:18  
 Operator : HP/JU  
 Sample : K3890-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A52Q8

Manual Integrations  
 APPROVED

mohammad  
 7/23/2019 8:42:37 AM

Quant Time: Jul 23 07:02:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 23 04:22:37 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 2539     | 0.40  | ng/ul  | -0.03     |
| 2) Naphthalene-d8           | 10.35 | 136  | 8730     | 0.40  | ng/ul  | -0.03     |
| 6) Acenaphthene-d10         | 14.23 | 164  | 4506     | 0.40  | ng/ul  | 0.00      |
| 10) Phenanthrene-d10        | 17.00 | 188  | 9534m    | 0.40  | ng/ul  | -0.02     |
| 16) Chrysene-d12            | 21.23 | 240  | 7502m    | 0.40  | ng/ul  | 0.00      |
| 20) Perylene-d12            | 23.45 | 264  | 6447m    | 0.40  | ng/ul  | -0.02     |
| System Monitoring Compounds |       |      |          |       |        |           |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 4359     | 0.32  | ng/ul  | -0.03     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 9576m    | 0.34  | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 3) Naphthalene              | 10.40 | 128  | 1128     | 0.045 | ng/ul# | Ovalue 76 |
| 12) Phenanthrene            | 17.04 | 178  | 778m     | 0.025 | ng/ul  |           |

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

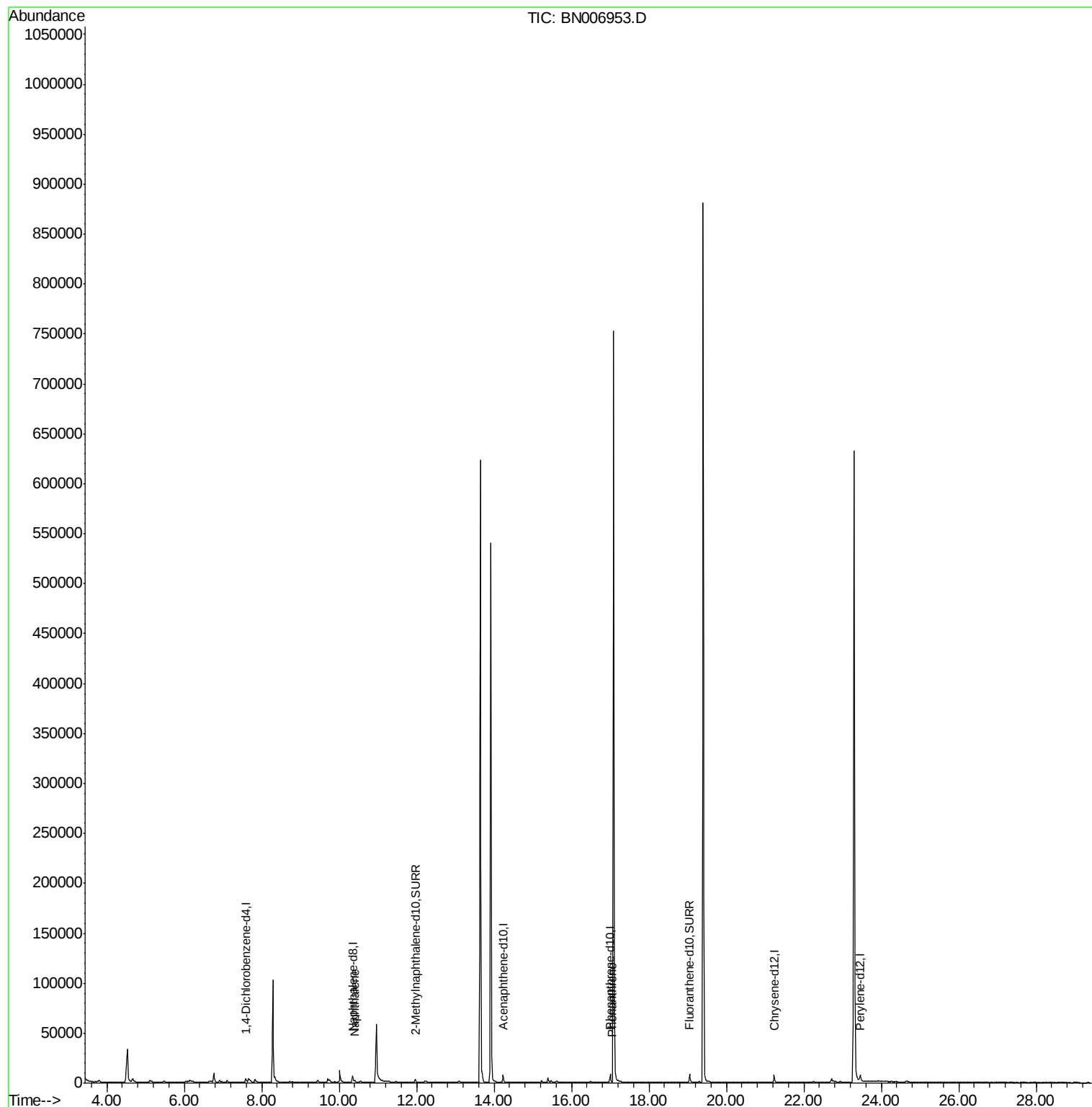
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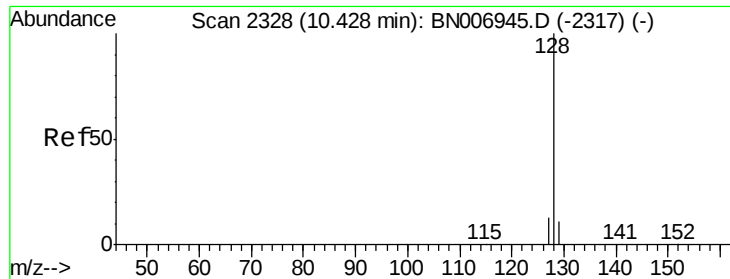
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#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN006953.D

Acq: 22 Jul 2019 22:18

Instrument :

BNA\_N

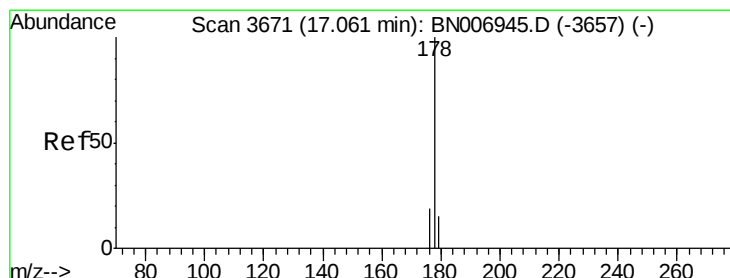
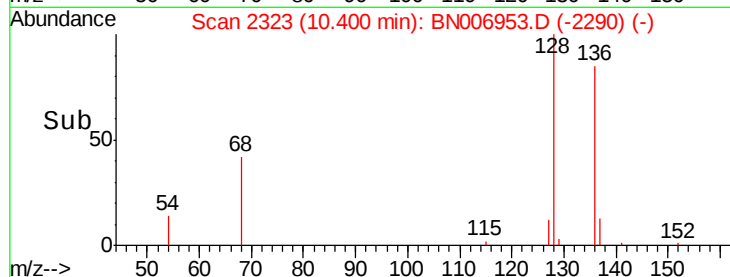
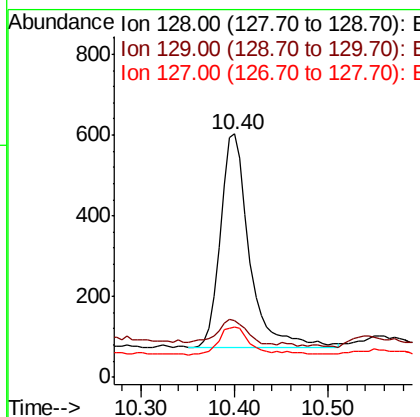
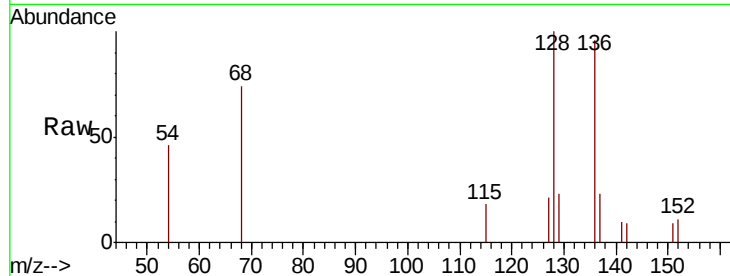
ClientSampleId :

A52Q8

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 1128  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 23.2  | 9.4   | 14.0# |
| 127       | 20.9  | 10.6  | 16.0# |

Manual Integrations  
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#12

Phenanthrene

Concen: 0.025 ng/ul m

RT: 17.04 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BN006953.D

Acq: 22 Jul 2019 22:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 778   |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 28.8  | 12.6  | 19.0# |
| 176       | 29.8  | 15.8  | 23.8# |

