

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
 Data File : BN009491.D  
 Acq On : 31 Jan 2020 01:39  
 Operator : CG/JU  
 Sample : L1300-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5AP4

Manual Integrations  
 APPROVED

mohammad  
 2/3/2020 4:08:05 PM

Quant Time: Jan 31 02:37:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 31 00:47:12 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 148457   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.20 | 136  | 630209   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.09 | 164  | 409137   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.84 | 188  | 853274   | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.05 | 240  | 765614   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.16 | 264  | 818490   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 5675   | 1.58  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.65  | 99  | 110385 | 8.38  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.81  | 67  | 83737  | 8.96  | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 88899  | 9.25  | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 77397  | 7.39  | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 42280  | 9.22  | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.31  | 143 | 45610  | 9.49  | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 79160  | 8.31  | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 99322  | 8.63  | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.52 | 166 | 299145 | 9.88  | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.77 | 160 | 329059 | 9.15  | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4           | 14.33 | 143 | 31650m | 5.62  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.09 | 176 | 260274 | 9.79  | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 30675  | 5.94  | ng/ul | 0.00  |
| 70) Anthracene-d10             | 16.94 | 188 | 384077 | 9.73  | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.25 | 212 | 456581 | 11.08 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.03 | 264 | 448130 | 10.85 | ng/ul | 0.00  |

## Target Compounds

|                       |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 6) Phenol             | 6.68  | 94  | 17434 | 1.264 ng/ul | 97     |
| 44) Dimethylphthalate | 13.56 | 163 | 64528 | 2.070 ng/ul | 99     |
| 76) Fluoranthene      | 18.91 | 202 | 76326 | 1.383 ng/ul | 99     |
| 79) Pyrene            | 19.27 | 202 | 71250 | 1.285 ng/ul | 100    |

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

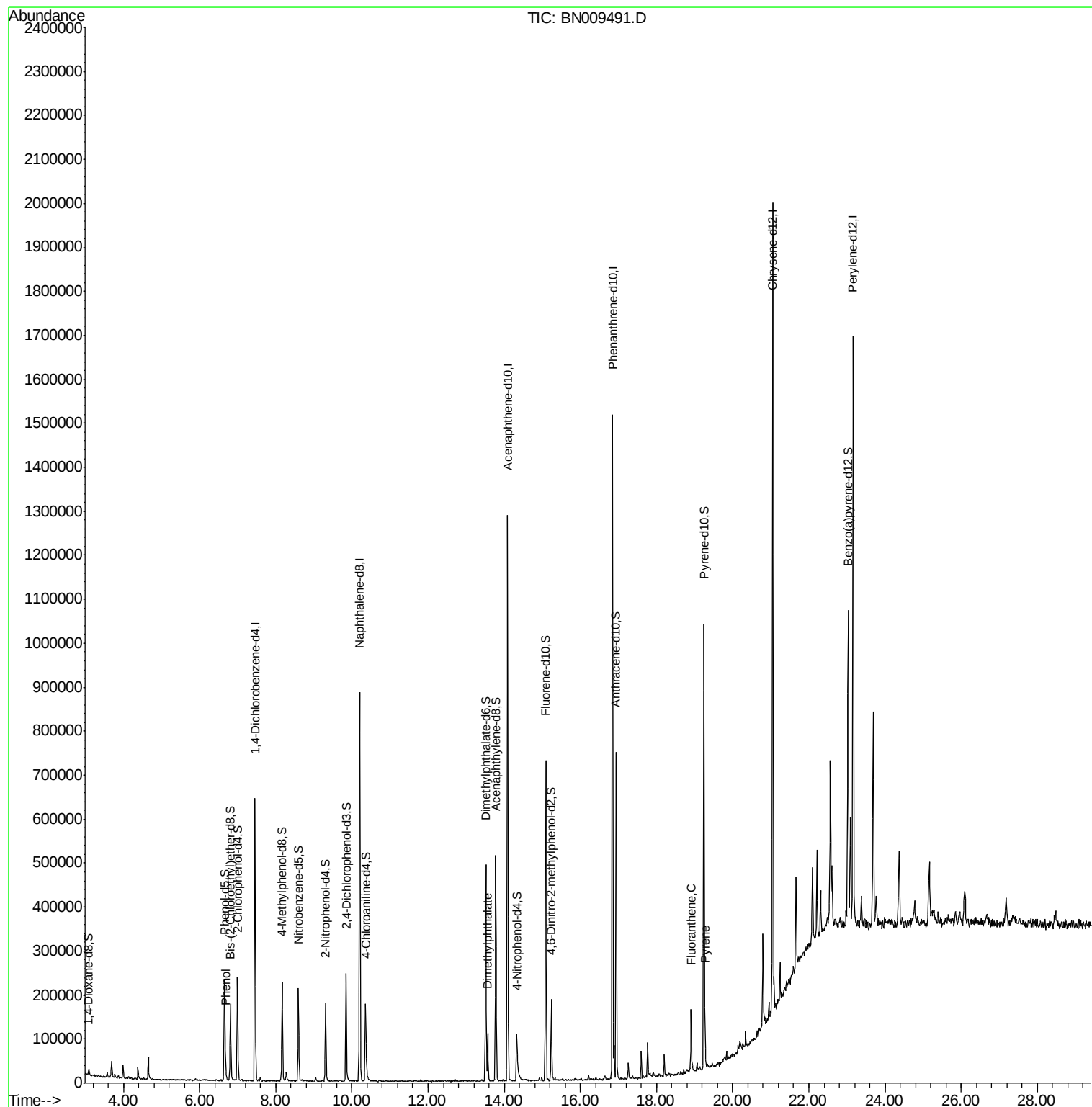
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN013020\  
Data File : BN009491.D  
Acq On : 31 Jan 2020 01:39  
Operator : CG/JU  
Sample : L1300-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

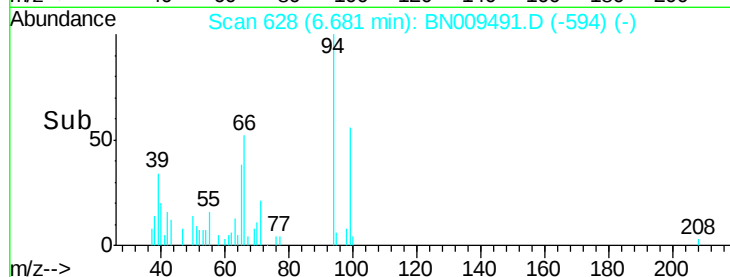
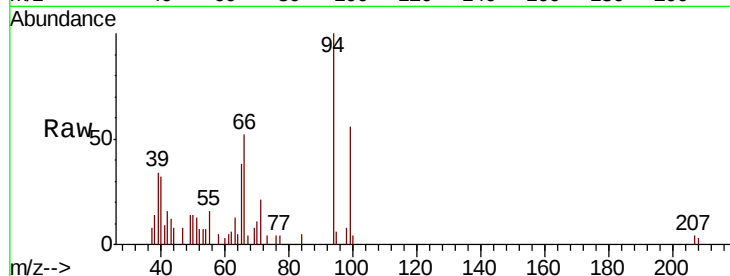
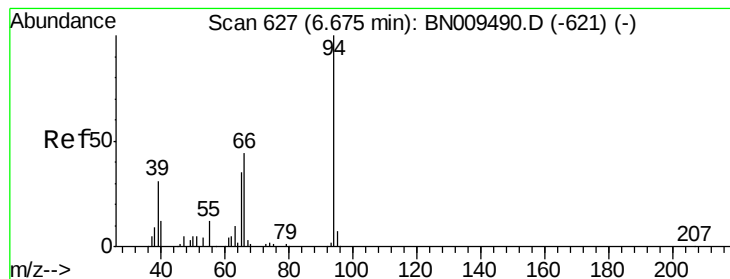
Instrument :  
BNA\_N  
ClientSampleId :  
C5AP4

Manual Integrations  
APPROVED

mohammad  
2/3/2020 4:08:05 PM

Quant Time: Jan 31 02:37:49 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 31 00:47:12 2020  
Response via : Initial Calibration





#6

Phenol

Concen: 1.264 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. -0.00 min

Lab File: BN009491.D

Acq: 31 Jan 2020 01:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 17434 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 38.1  | 29.4  | 44.0  |
| 66       | 51.6  | 39.8  | 59.8  |

Instrument :

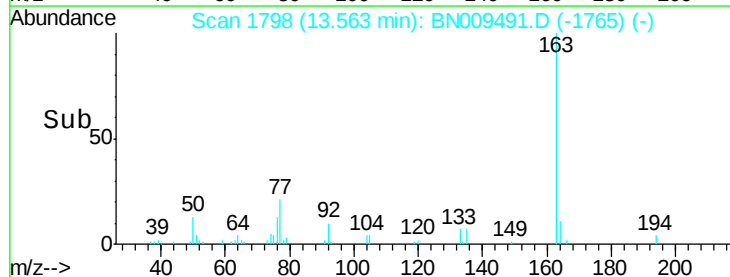
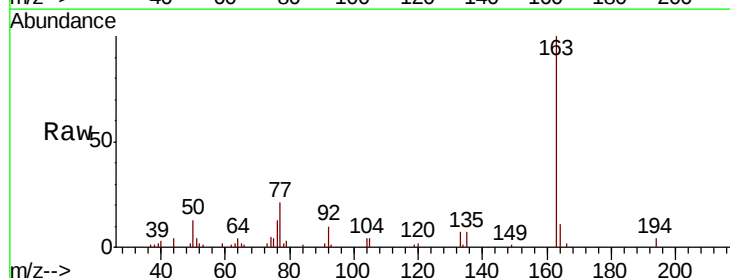
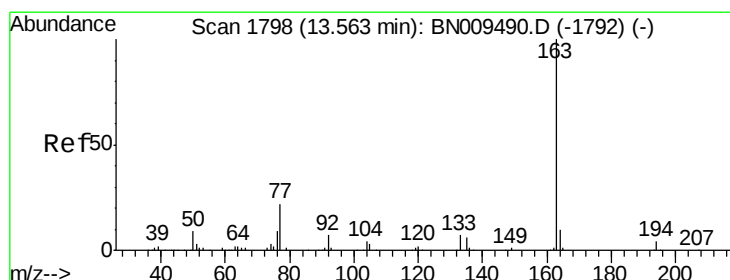
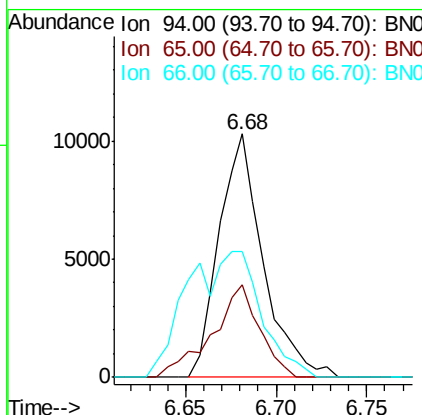
BNA\_N

ClientSampled :

C5AP4

Manual Integrations  
APPROVED

mohammad  
2/3/2020 4:08:05 PM



#44

Dimethylphthalate

Concen: 2.070 ng/ul

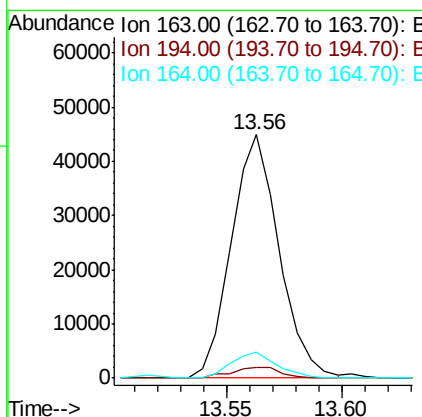
RT: 13.56 min Scan# 1798

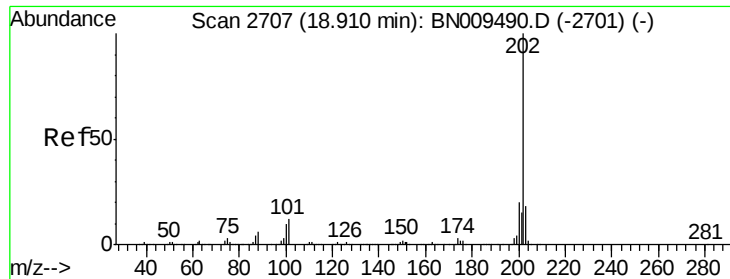
Delta R.T. -0.01 min

Lab File: BN009491.D

Acq: 31 Jan 2020 01:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 64528 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 4.5   | 3.1   | 4.7   |
| 164      | 10.9  | 8.3   | 12.5  |





#76

Fluoranthene

Concen: 1.383 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. -0.01 min

Lab File: BN009491.D

Acq: 31 Jan 2020 01:39

Instrument :

BNA\_N

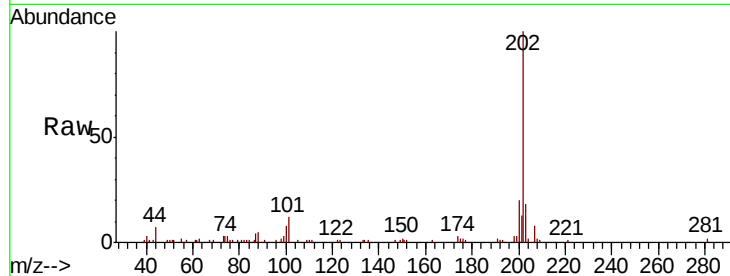
ClientSampled :

C5AP4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 76326 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 12.0  | 9.7   | 14.5  |
| 100       | 8.0   | 7.1   | 10.7  |

Manual Integrations  
APPROVED

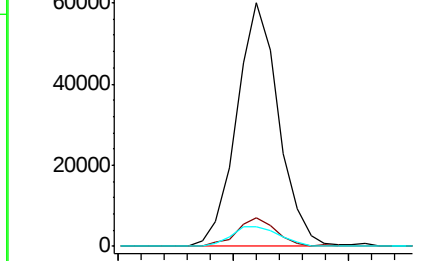
mohammad  
2/3/2020 4:08:05 PM



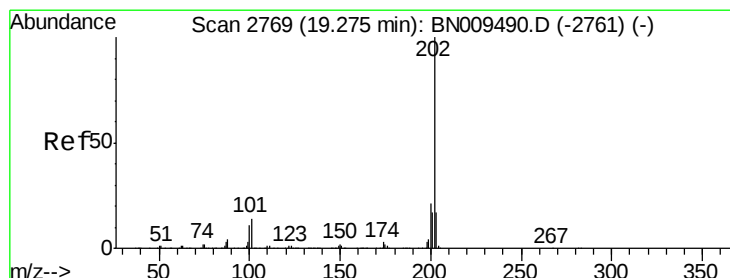
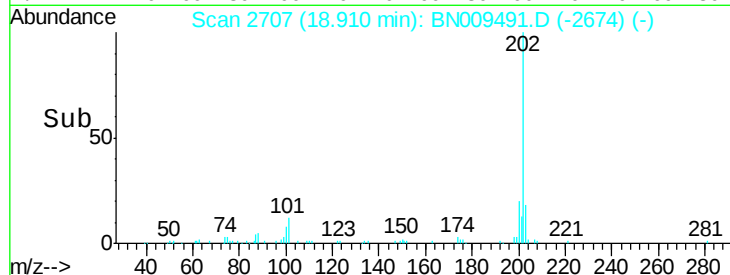
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 18.85 18.90 18.95



#79

Pyrene

Concen: 1.285 ng/ul

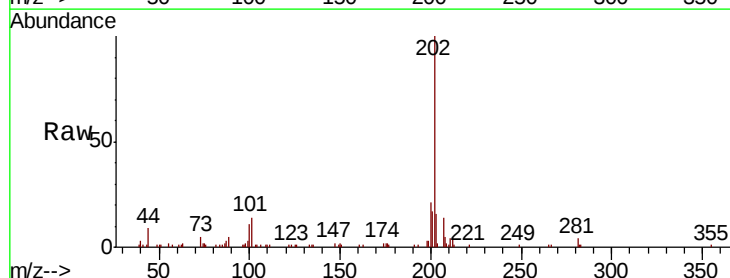
RT: 19.27 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BN009491.D

Acq: 31 Jan 2020 01:39

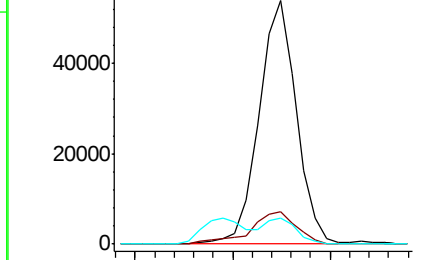
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 71250 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 13.6  | 10.9  | 16.3  |
| 100       | 10.5  | 8.6   | 12.8  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.20 19.25 19.30

