

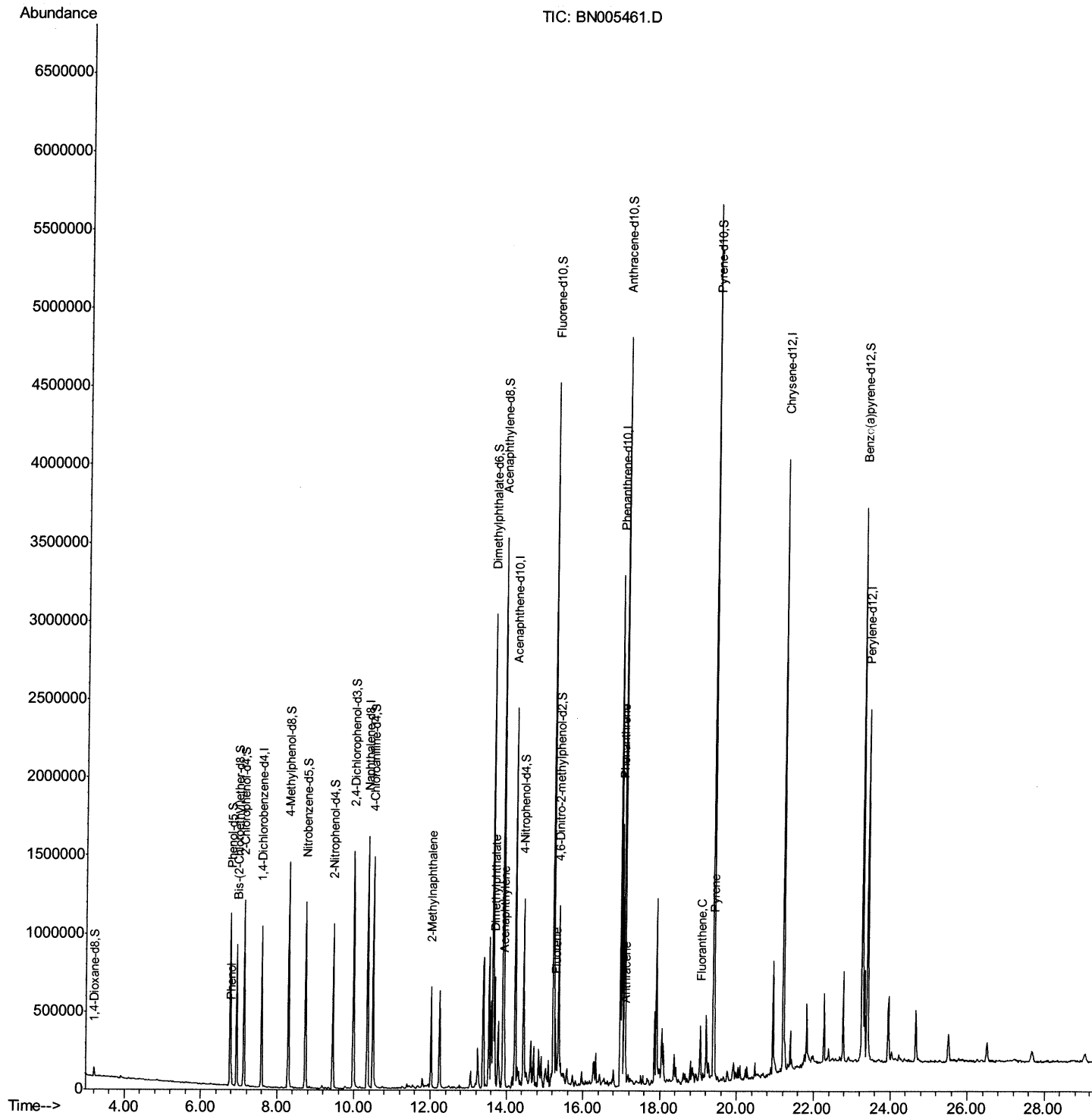
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050319\  
Data File : BN005461.D  
Acq On : 03 May 2019 20:29  
Operator : JU/SJ  
Sample : K2604-23  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAJ94

Manual Integrations  
APPROVED

mohammad  
5/7/2019 8:21:16 AM

Quant Time: May 04 01:42:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 03 03:02:31 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

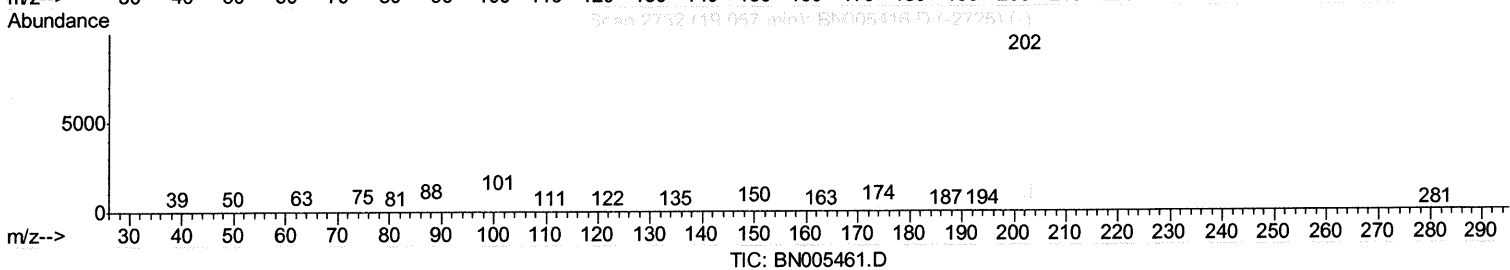
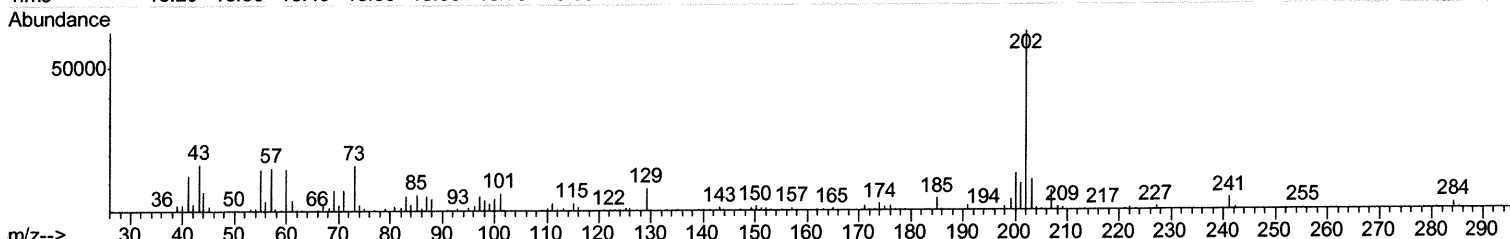
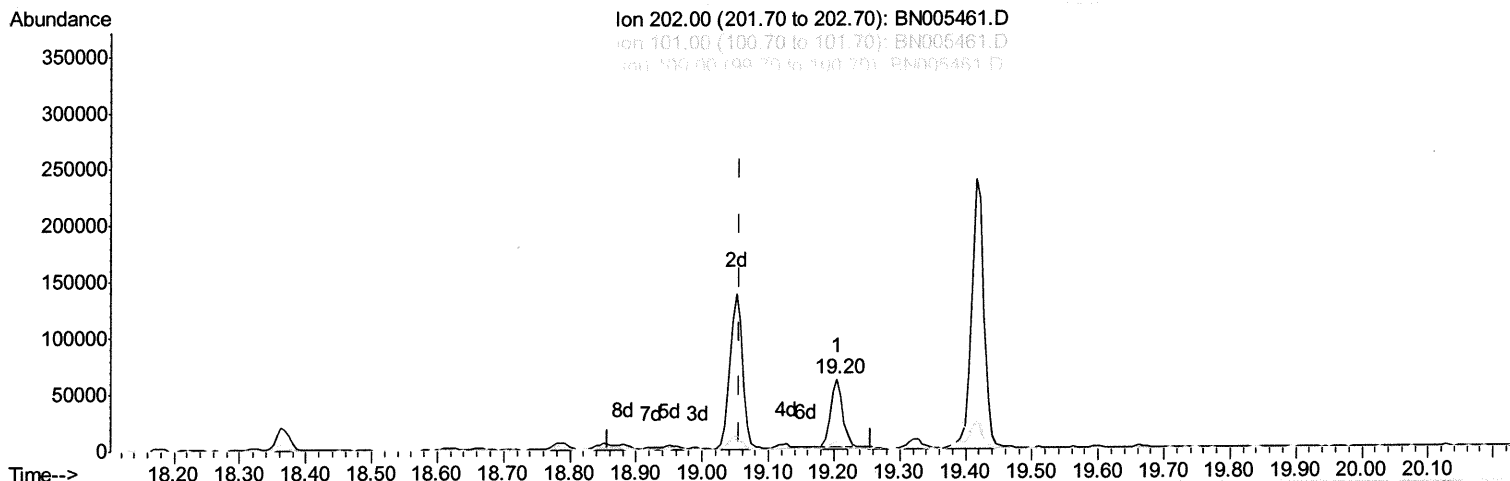
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Quant Time: May 04 00:58:21 2019  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 03:02:31 2019  
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.204min (+0.147) 0.73ng/ul

response 77129

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 10.10 |
| 100.00 | 7.90  | 7.32  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

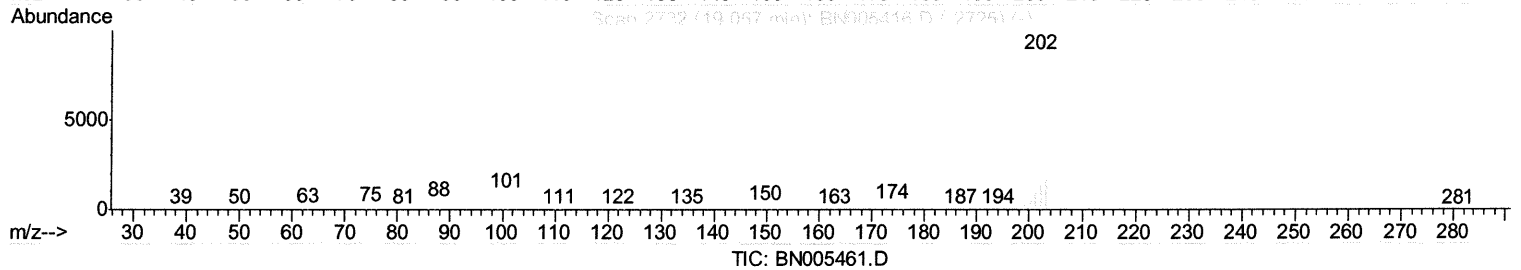
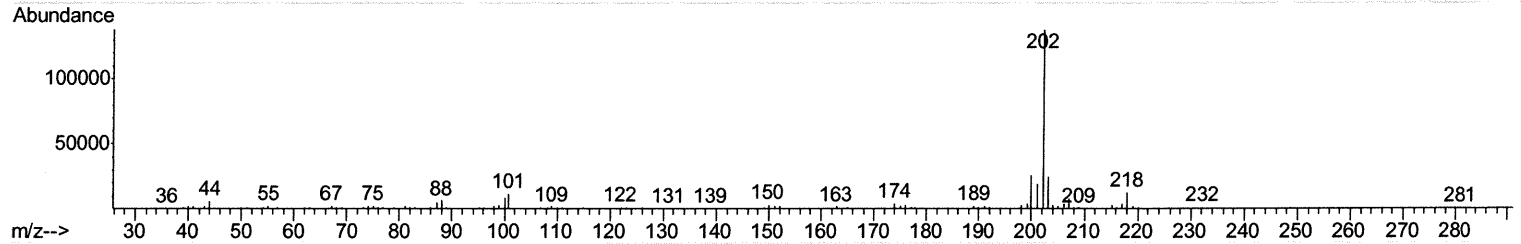
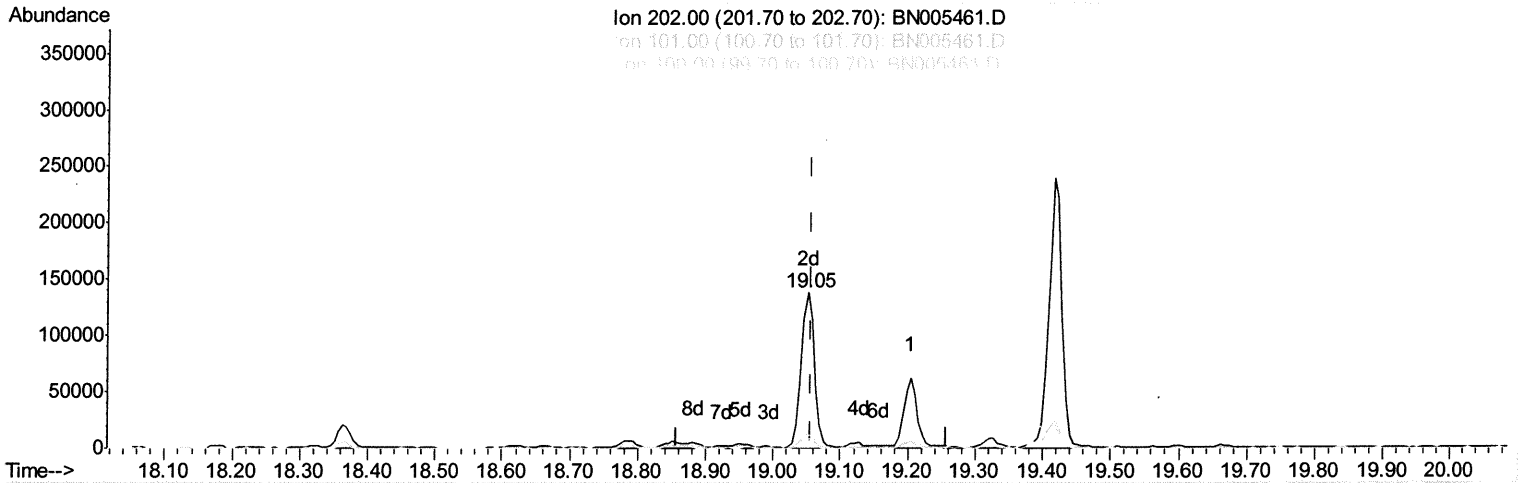
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050319\  
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Manual Integrations  
 APPROVED

mohammad  
 5/7/2019 8:21:16 AM

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 03:02:31 2019  
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.051min (-0.006) 1.78ng/ul m SJ 05/12/19

response 187208

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 8.53# |
| 100.00 | 7.90  | 6.64  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

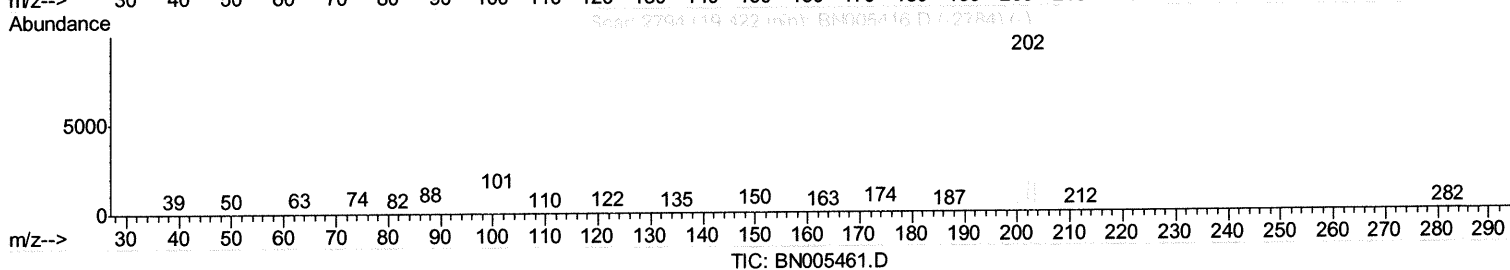
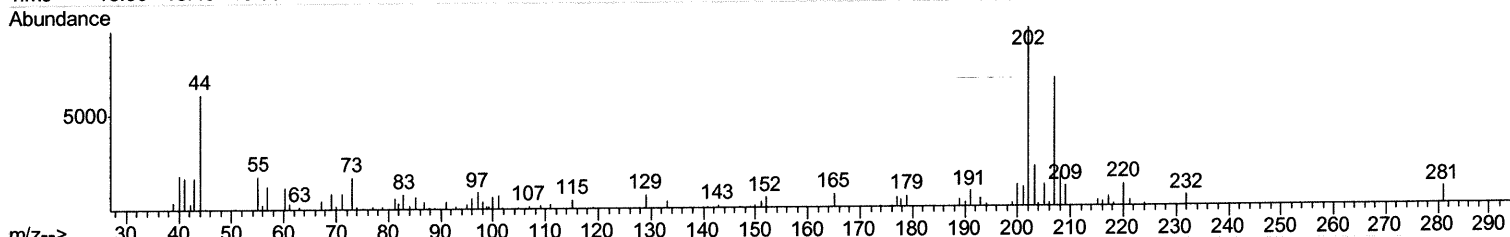
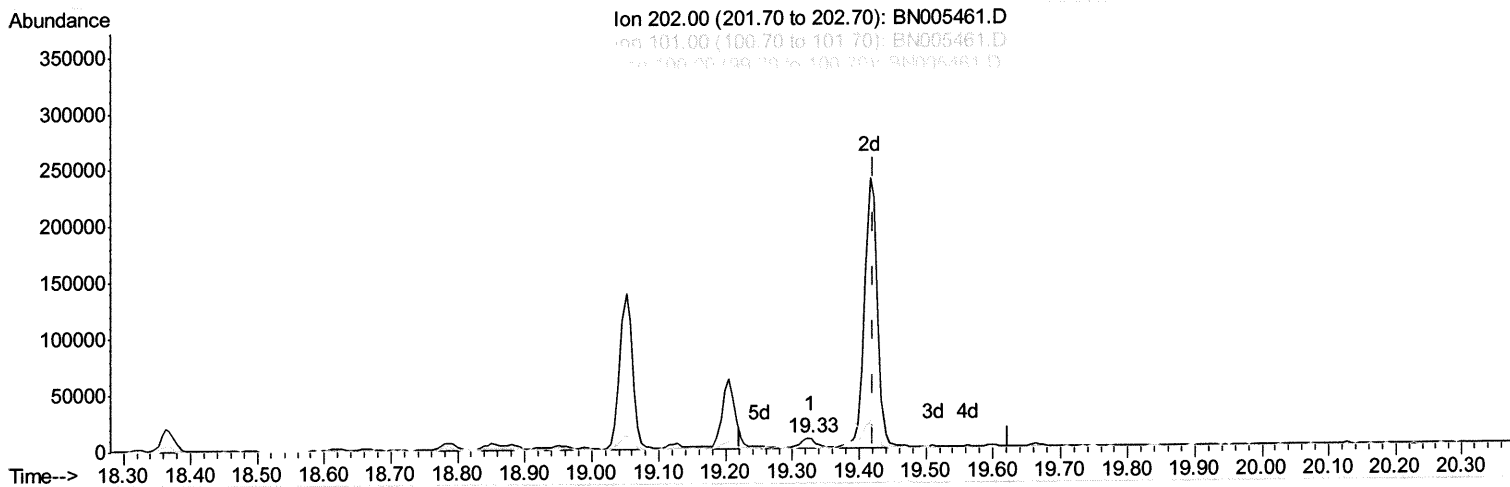
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050319\  
 Data File : BN005461.D  
 Acq On : 03 May 2019 20:29  
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Instrument :  
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 Response via : Initial Calibration



(79) Pyrene

19.328min (-0.094) 0.12ng/ul

response 13724

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.90 | 15.05 |
| 100.00 | 9.90  | 9.94  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

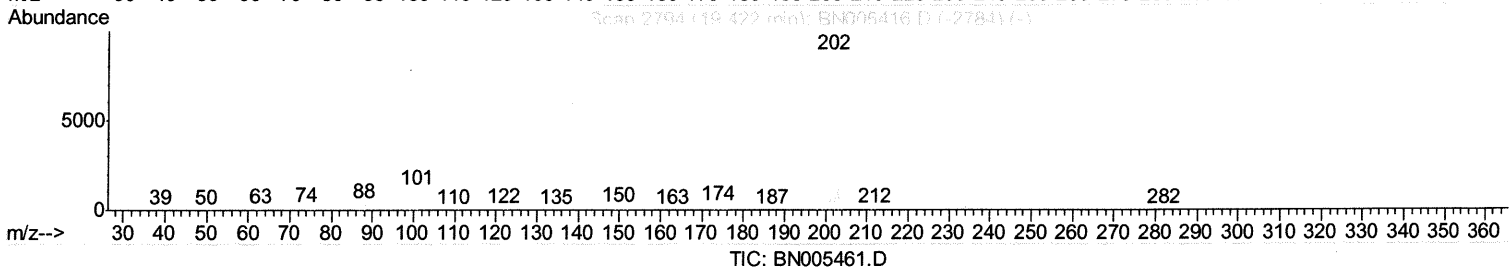
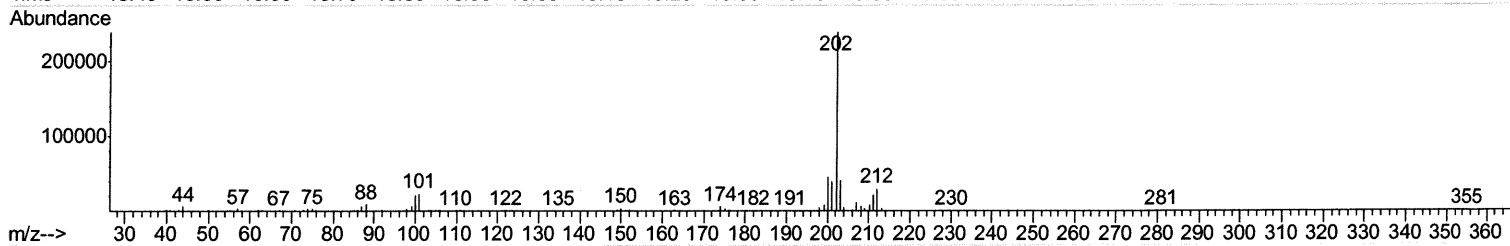
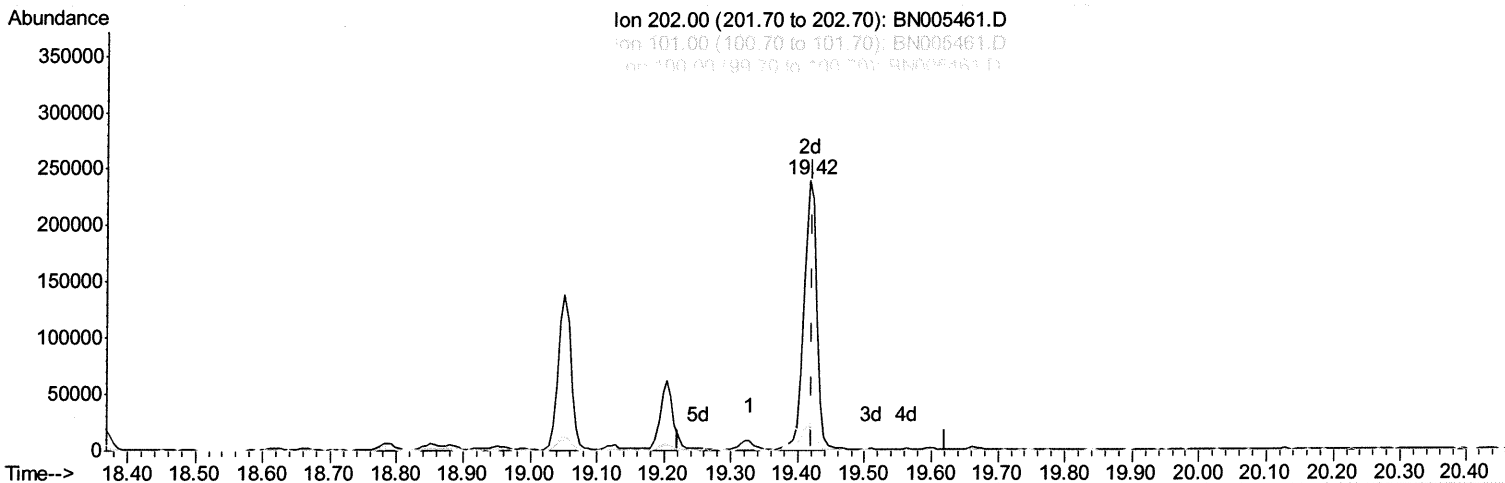
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050319\  
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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mohammad  
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 Response via : Initial Calibration



(79) Pyrene

19.416min (-0.006) 2.86ng/ul m SJ 05/12/19

response 322411

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.90 | 9.98# |
| 100.00 | 9.90  | 9.12  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050319\  
 Data File : BN005461.D  
 Acq On : 03 May 2019 20:29  
 Operator : JU/SJ  
 Sample : K2604-23  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
 5/7/2019 8:21:16 AM

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 03:02:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 288394   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1307996  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 839763   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 1943059  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 1753853  | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.40 | 264  | 1612007  | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96   | 30468    | 5.10  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.78  | 99   | 662438   | 29.25 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67   | 389864   | 27.59 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.13  | 132  | 543558   | 31.36 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.29  | 113  | 558036   | 31.52 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.73  | 128  | 301894   | 37.50 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.45  | 143  | 349264   | 42.79 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165  | 603561   | 32.26 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.49 | 131  | 832046   | 43.13 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.64 | 166  | 2075302  | 34.04 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.91 | 160  | 2520969  | 33.67 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.44 | 143  | 304645   | 31.65 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.22 | 176  | 1778340  | 34.76 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200  | 268229   | 30.69 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.07 | 188  | 2757569  | 33.85 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.39 | 212  | 3127850  | 34.86 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264  | 2498493  | 35.47 | ng/ul | -0.01    |

| Target Compounds        | R.T.  | QIon | Response | Conc   | Units  | Qvalue        |
|-------------------------|-------|------|----------|--------|--------|---------------|
| 6) Phenol               | 6.80  | 94   | 33768    | 1.449  | ng/ul  | 93            |
| 34) 2-Methylnaphthalene | 12.02 | 142  | 331526   | 7.446  | ng/ul  | 98            |
| 44) Dimethylphthalate   | 13.69 | 163  | 375691   | 6.185  | ng/ul  | 100           |
| 47) Acenaphthylene      | 13.94 | 152  | 201415   | 2.737  | ng/ul# | 95            |
| 58) Fluorene            | 15.28 | 166  | 199197   | 3.530  | ng/ul# | 98            |
| 69) Phenanthrene        | 17.02 | 178  | 1059762  | 11.199 | ng/ul  | 99            |
| 71) Anthracene          | 17.11 | 178  | 97987    | 1.016  | ng/ul  | 98            |
| 76) Fluoranthene        | 19.05 | 202  | 187208m} | 1.784  | ng/ul} | > SJ 05/12/19 |
| 79) Pyrene              | 19.42 | 202  | 322411m} | 2.855  | ng/ul} | > SJ 05/12/19 |

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