

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\  
 Data File : BN005941.D  
 Acq On : 29 May 2019 21:24  
 Operator : JU/SJ  
 Sample : K2924-04DL 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4265DL

Manual Integrations  
 APPROVED

mohammad  
 5/30/2019 1:28:55 PM

Quant Time: May 30 06:49:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 29 02:28:30 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 598283   | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.53 | 136  | 2679399  | 20.00 | ng/ul | 0.02     |
| 35) Acenaphthene-d10      | 14.39 | 164  | 1532178  | 20.00 | ng/ul | 0.02     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 3104455  | 20.00 | ng/ul | 0.02     |
| 77) Chrysene-d12          | 21.35 | 240  | 1982032  | 20.00 | ng/ul | 0.02     |
| 85) Perylene-d12          | 23.64 | 264  | 2041561  | 20.00 | ng/ul | 0.04     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 6534m  | 0.48 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 155867 | 2.94 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 84776  | 2.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 121608 | 3.01 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.44  | 113 | 117921 | 2.75 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 58064  | 3.38 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 45904  | 2.87 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 117785 | 3.11 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.66 | 131 | 8629m  | 0.17 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 358084 | 3.17 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 477107 | 3.38 | ng/ul | 0.02 |
| 51) 4-Nitrophenol-d4           | 14.58 | 143 | 46462  | 2.26 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.38 | 176 | 335147 | 3.54 | ng/ul | 0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 2451m  | 0.19 | ng/ul | 0.03 |
| 70) Anthracene-d10             | 17.24 | 188 | 471432 | 3.57 | ng/ul | 0.02 |
| 78) Pyrene-d10                 | 19.54 | 212 | 400950 | 4.01 | ng/ul | 0.02 |
| 89) Benzo(a)pyrene-d12         | 23.48 | 264 | 309034 | 3.39 | ng/ul | 0.03 |

## Target Compounds

|                          |       |     |        | Ovalue |           |
|--------------------------|-------|-----|--------|--------|-----------|
| 44) Dimethylphthalate    | 13.84 | 163 | 136513 | 1.209  | ng/ul 99  |
| 79) Pyrene               | 19.57 | 202 | 135429 | 1.079  | ng/ul# 94 |
| 93) Benzo(a,h,i)perylene | 26.64 | 276 | 115299 | 1.079  | ng/ul# 31 |

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

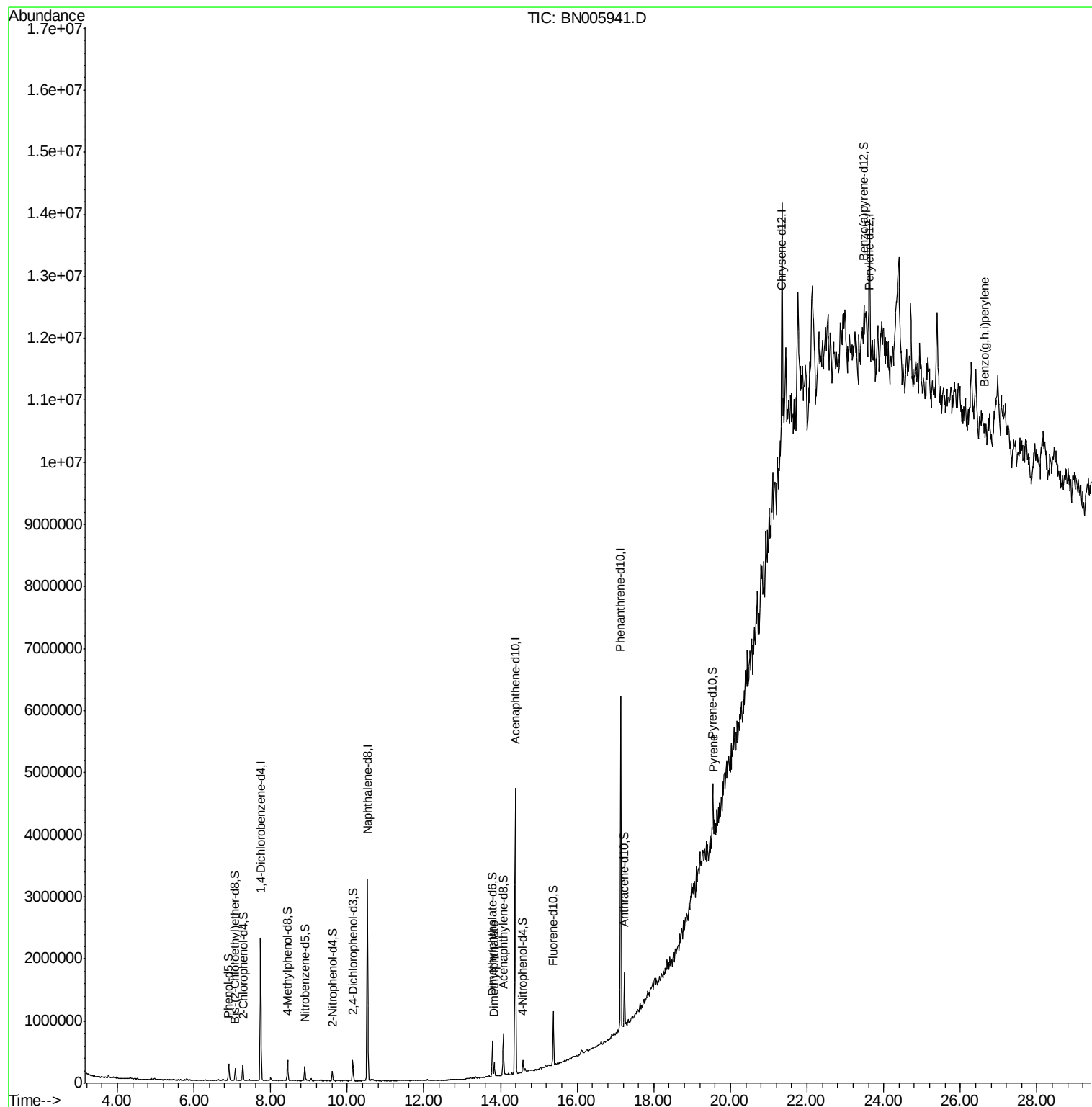
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\  
Data File : BN005941.D  
Acq On : 29 May 2019 21:24  
Operator : JU/SJ  
Sample : K2924-04DL 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

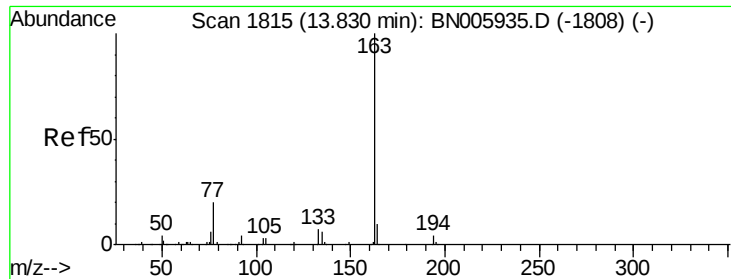
Instrument :  
BNA\_N  
ClientSampleId :  
A4265DL

Manual Integrations  
APPROVED

mohammad  
5/30/2019 1:28:55 PM

Quant Time: May 30 06:49:28 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 29 02:28:30 2019  
Response via : Initial Calibration





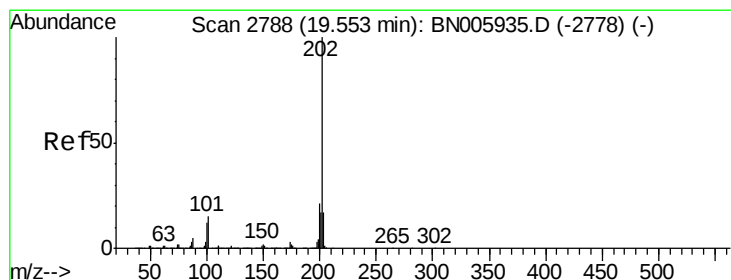
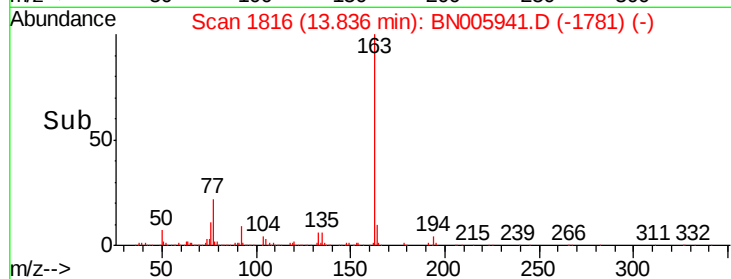
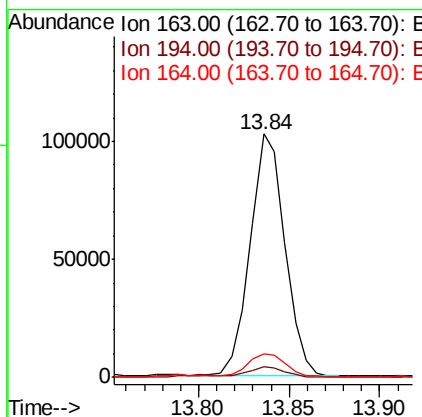
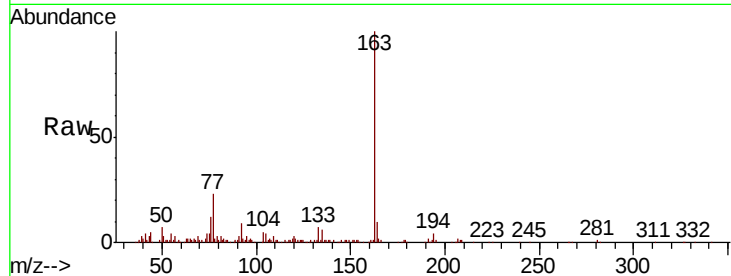
#44  
Dimethylphthalate  
Concen: 1.209 ng/ul  
RT: 13.84 min Scan# 1816  
Delta R.T. 0.01 min  
Lab File: BN005941.D  
Acq: 29 May 2019 21:24

Instrument :  
BNA\_N  
ClientSampled :  
A4265DL

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 136513 |       |       |
| 194     | 4.5   | 3.4    | 5.0   |       |
| 164     | 9.9   | 8.1    | 12.1  |       |

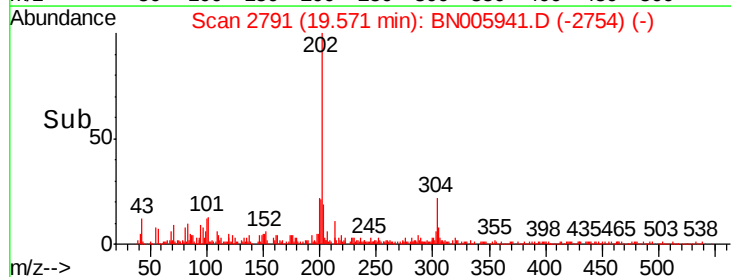
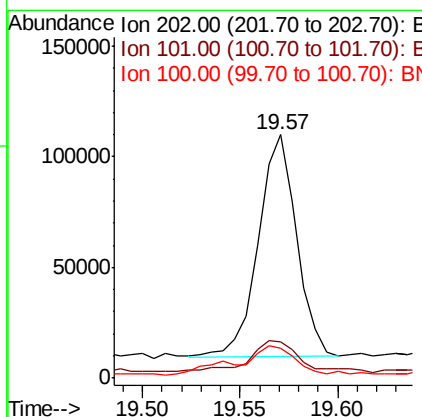
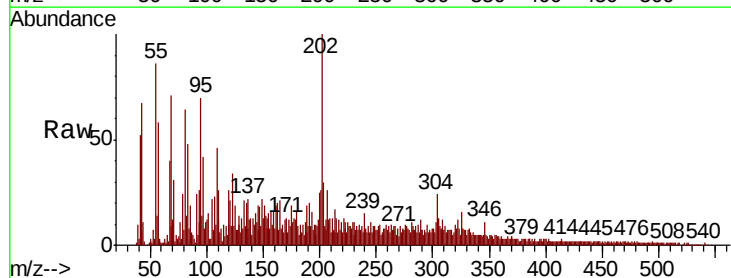
Manual Integrations  
APPROVED

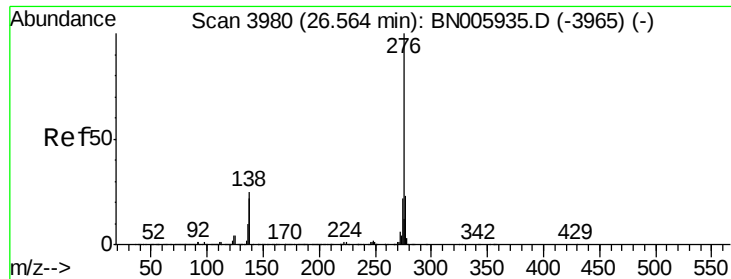
mohammad  
5/30/2019 1:28:55 PM



#79  
Pyrene  
Concen: 1.079 ng/ul  
RT: 19.57 min Scan# 2791  
Delta R.T. 0.02 min  
Lab File: BN005941.D  
Acq: 29 May 2019 21:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 135429 |       |       |
| 101     | 14.8  | 10.3   | 15.5  |       |
| 100     | 12.3  | 7.9    | 11.9  |       |





#93

Benzo(a,h,i)perylene

Concen: 1.079 ng/ul

RT: 26.64 min Scan# 3993

Delta R.T. 0.07 min

Lab File: BN005941.D

Acq: 29 May 2019 21:24

Instrument :

BNA\_N

ClientSampleId :

A4265DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 54.7  | 16.7  | 25.1# |
| 277     | 54.8  | 18.2  | 27.2# |

Manual Integrations  
APPROVED

mohammad  
5/30/2019 1:28:55 PM

