

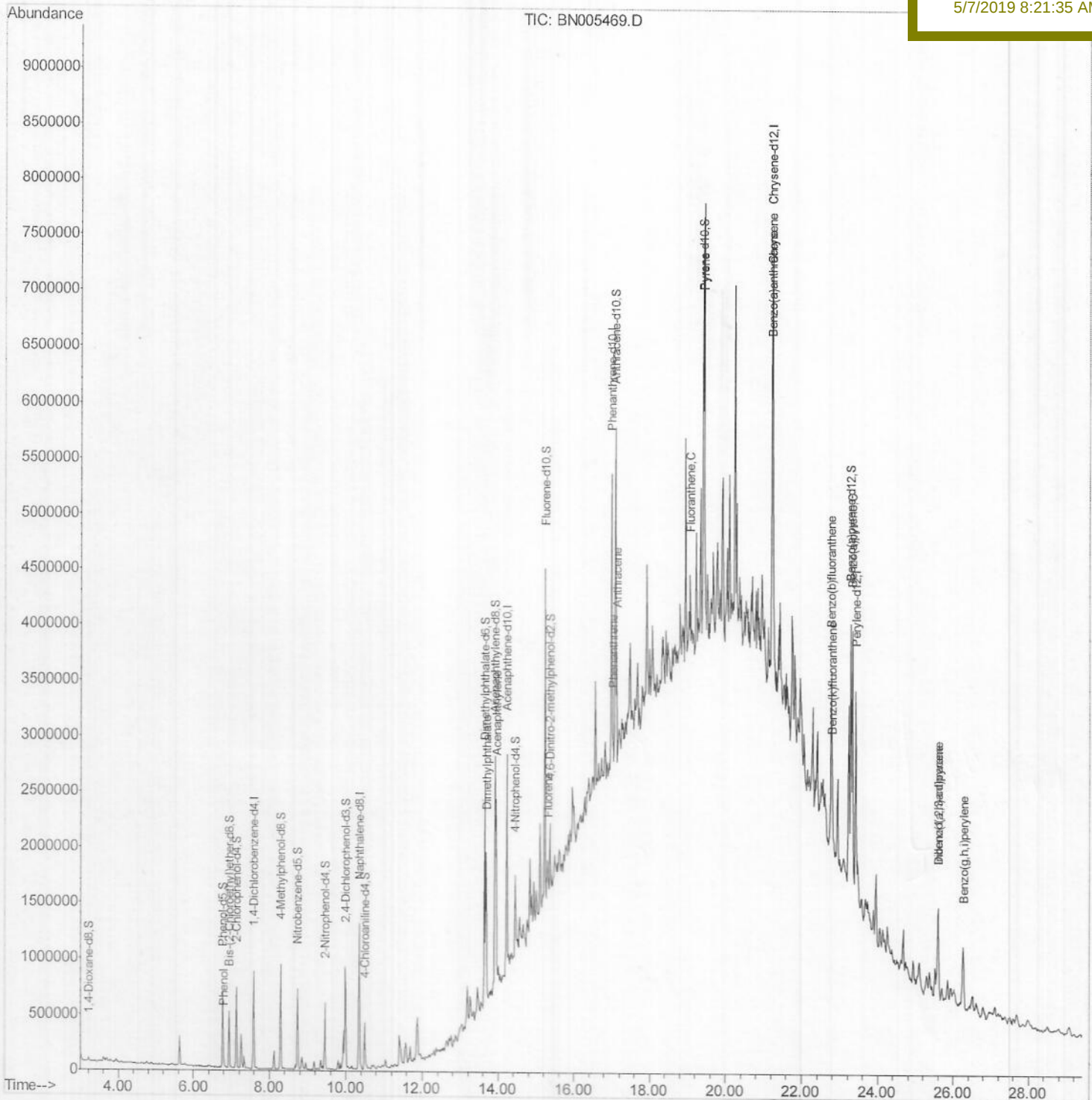
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050319\  
Data File : BN005469.D  
Acq On : 04 May 2019 01:51  
Operator : JU/SJ  
Sample : K2603-14  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 06 02:04:43 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

Instrument :  
BNA\_N  
Client Sample Id :  
GAJ66

Manual Integrations  
APPROVED

mohammad  
5/7/2019 8:21:35 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050319\

Data File : BN005469.D

Acq On : 04 May 2019 01:51

Operator : JU/SJ

Sample : K2603-14

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 06 01:11:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

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BNA\_N

ClientSampleId :

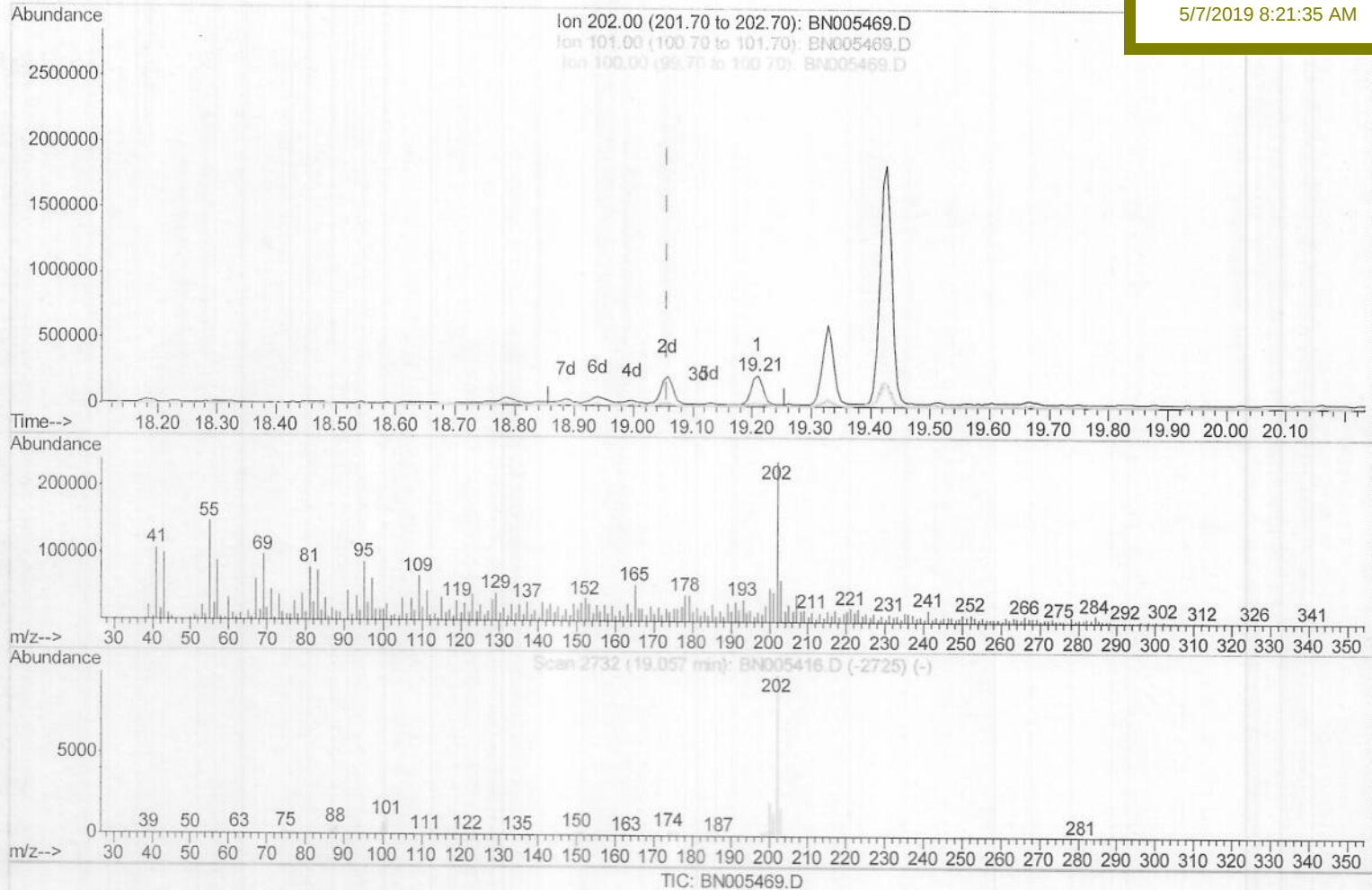
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Manual Integrations

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(76) Fluoranthene (C)

19.210min (+0.153) 3.52ng/ul

response 290834

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 10.68 |
| 100.00 | 7.90  | 6.67  |
| 0.00   | 0.00  | 0.00  |

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QLast Update : Fri May 03 03:02:31 2019

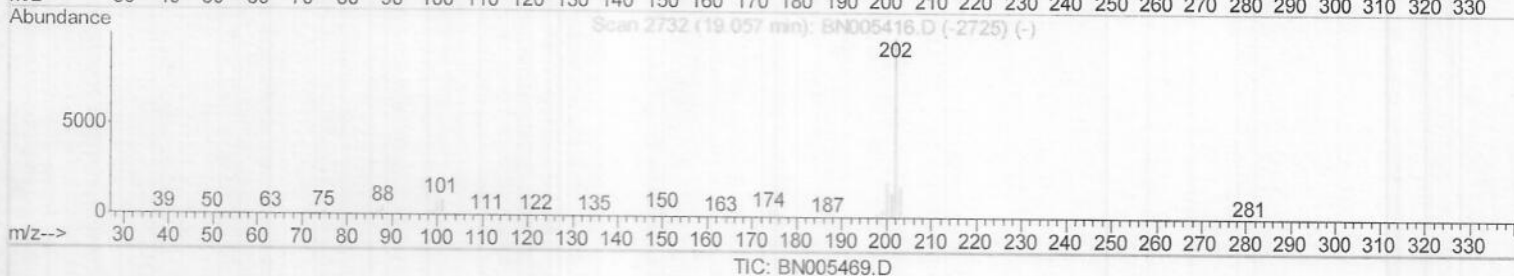
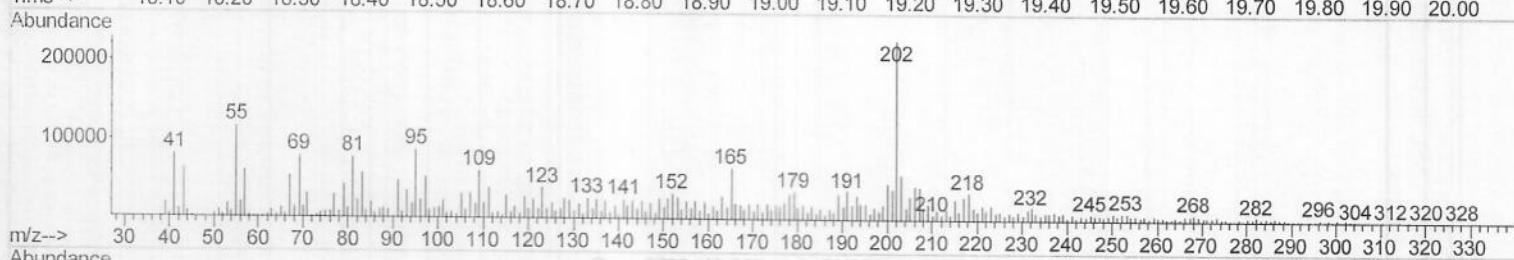
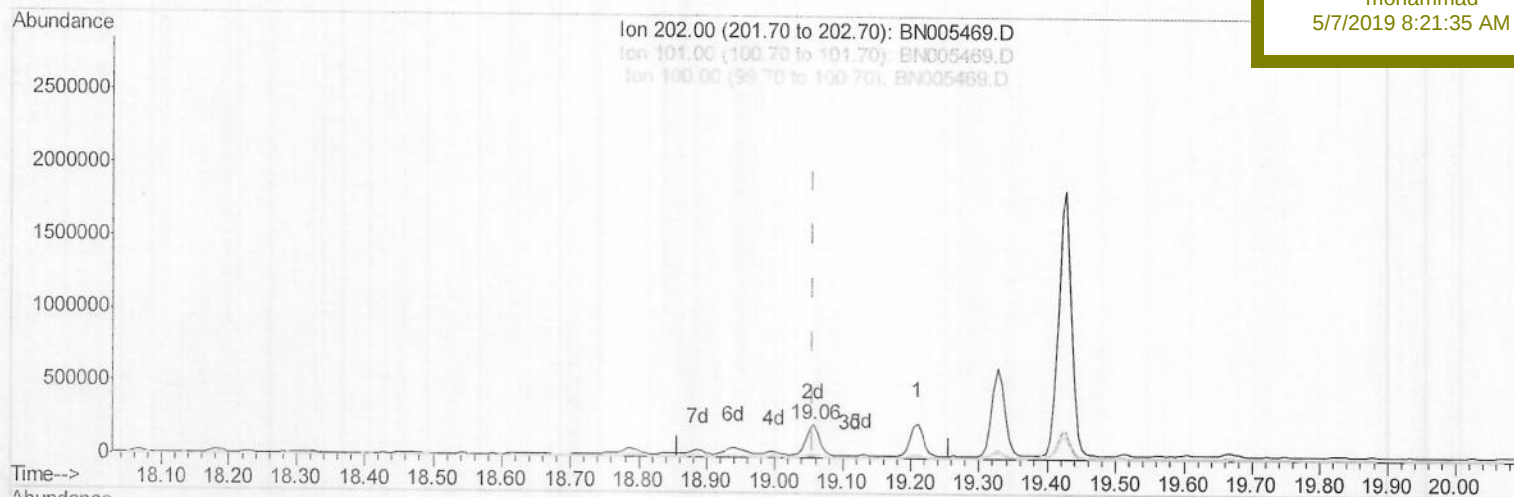
Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

GAJ66

Manual Integrations  
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(76) Fluoranthene (C)

19.057min (-0.000) 3.66ng/ul m

response 302079

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.70 | 10.75 |
| 100.00 | 7.90  | 6.26# |
| 0.00   | 0.00  | 0.00  |

JU  
05/12/19

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Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

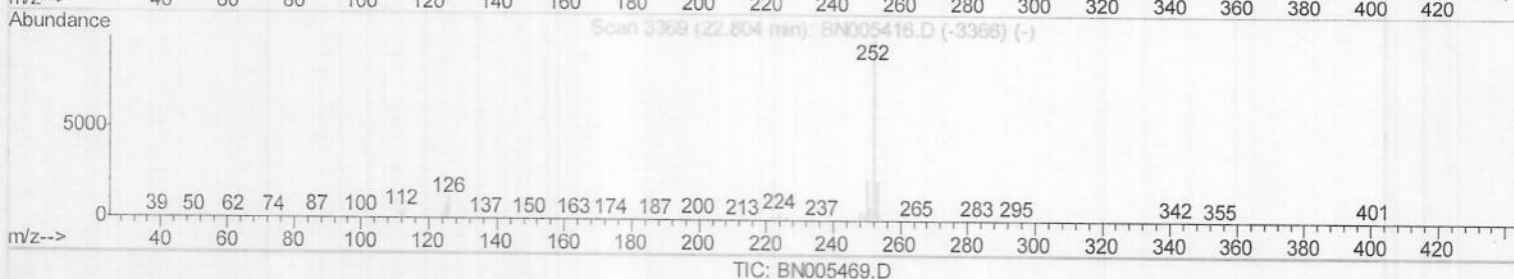
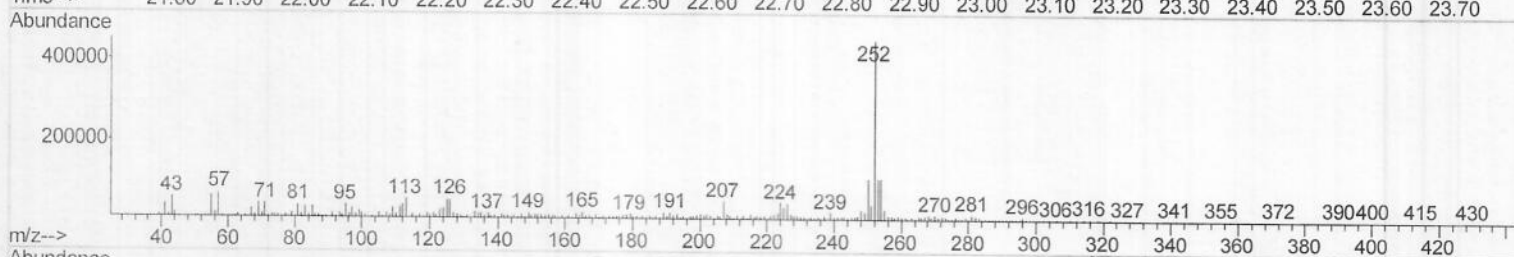
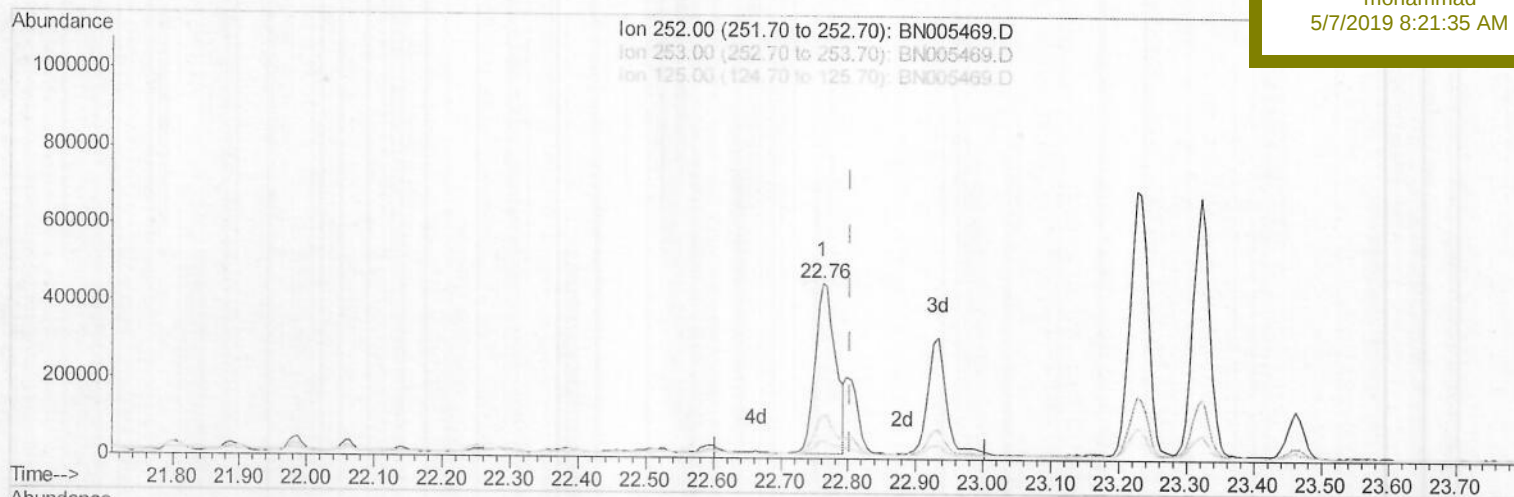
Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

GAJ66

Manual Integrations  
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5/7/2019 8:21:35 AM

(88) Benzo(k)fluoranthene

22.763min (-0.041) 12.55ng/ul

response 933564

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 23.47 |
| 125.00 | 9.40  | 10.11 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050319\

Data File : BN005469.D

Acq On : 04 May 2019 01:51

Operator : JU/SJ

Sample : K2603-14

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 06 01:11:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M

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BNA\_N

ClientSampleId :

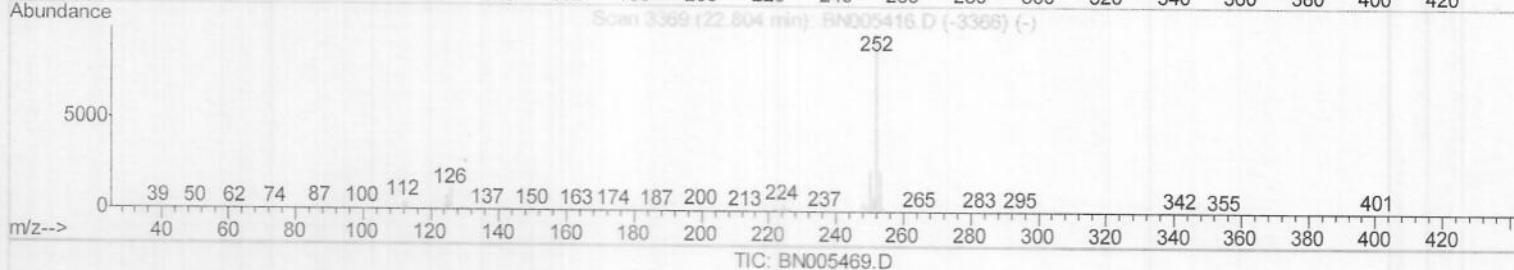
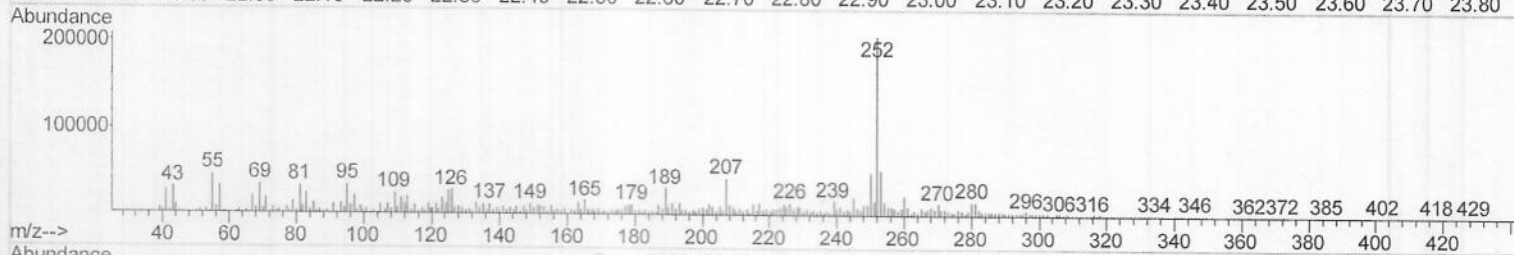
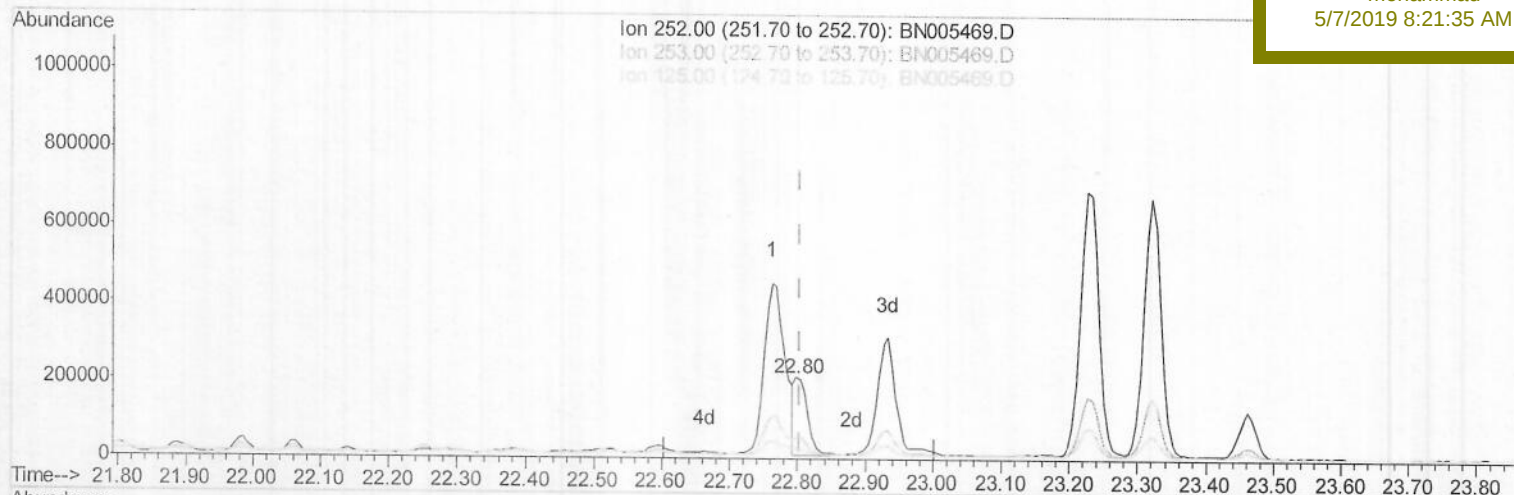
GAJ66

Manual Integrations

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mohammad

5/7/2019 8:21:35 AM



(88) Benzo(k)fluoranthene

22.798min (-0.006) 3.48ng/ul m

response 259247

Ion Exp% Act%

252.00 100 100

253.00 21.70 25.70

125.00 9.40 13.11#

0.00 0.00 0.00

JU  
05/12/19

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Manual Integrations  
APPROVEDmohammad  
5/7/2019 8:21:35 AM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 235211   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1064446  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 667673   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 1529772  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 1473403  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.42 | 264  | 1385957  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96  | 15728   | 3.23  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 404020  | 21.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 223059  | 19.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 326614  | 23.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 350085  | 24.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 176323  | 26.91 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 197158  | 29.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 383176  | 25.17 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 249976  | 15.92 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 1271935 | 26.24 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.91 | 160 | 1565547 | 26.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 212482  | 27.76 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.22 | 176 | 1116292 | 27.44 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 143361  | 20.84 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.08 | 188 | 1841317 | 28.71 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.39 | 212 | 2132736 | 28.30 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.28 | 264 | 1712846 | 28.28 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |               | Qvalue |
|----------------------------|-------|-----|---------|---------------|--------|
| 6) Phenol                  | 6.80  | 94  | 21278   | 1.120 ng/ul   | 96     |
| 44) Dimethylphthalate      | 13.69 | 163 | 422439  | 8.747 ng/ul   | 99     |
| 47) Acenaphthylene         | 13.94 | 152 | 1220567 | 20.864 ng/ul  | 98     |
| 58) Fluorene               | 15.30 | 166 | 122358  | 2.727 ng/ul#  | 51     |
| 69) Phenanthrene           | 17.02 | 178 | 174214  | 2.338 ng/ul#  | 81     |
| 71) Anthracene             | 17.12 | 178 | 637713  | 8.403 ng/ul   | 96     |
| 76) Fluoranthene           | 19.06 | 202 | 302079m | 3.655 ng/ul   |        |
| 79) Pyrene                 | 19.43 | 202 | 2453038 | 25.857 ng/ul# | 94     |
| 82) Benzo(a)anthracene     | 21.20 | 228 | 352163  | 3.842 ng/ul#  | 33     |
| 84) Chrysene               | 21.23 | 228 | 1165613 | 13.702 ng/ul# | 88     |
| 87) Benzo(b)fluoranthene   | 22.76 | 252 | 933564  | 11.983 ng/ul  | 98     |
| 88) Benzo(k)fluoranthene   | 22.80 | 252 | 259247m | 3.484 ng/ul   |        |
| 90) Benzo(a)pyrene         | 23.32 | 252 | 1165905 | 15.921 ng/ul  | 96     |
| 91) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 771332  | 9.527 ng/ul   | 99     |
| 92) Dibenzo(a,h)anthracene | 25.60 | 278 | 231463  | 3.369 ng/ul#  | 89     |
| 93) Benzo(g,h,i)perylene   | 26.26 | 276 | 662232  | 9.892 ng/ul   | 94     |

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