

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041422\  
 Data File : BM034681.D  
 Acq On : 14 Apr 2022 23:26  
 Operator : CG/JU  
 Sample : N2316-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ETNR3

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 04/15/2022  
 Supervised By :Yogesh Patel 04/23/2022

Quant Time: Apr 15 01:22:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 14 23:42:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.866  | 152  | 130399   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.672 | 136  | 532858   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.513 | 164  | 309536   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.254 | 188  | 594202   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.454 | 240  | 532040   | 20.000 | ng/u1  | # 0.02   |
| 88) Perylene-d12              | 23.806 | 264  | 583011   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.243  | 96   | 13900    | 3.801  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.690  | 84   | 34442    | 3.903  | ng/u1  | 0.02     |
| 7) Phenol-d5                  | 7.025  | 99   | 217193   | 20.012 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.190  | 67   | 181518   | 25.099 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.390  | 132  | 197087   | 23.491 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.578  | 113  | 139885   | 16.500 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.025  | 128  | 97490    | 24.894 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.754  | 143  | 93182    | 22.854 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.296 | 165  | 157282   | 20.486 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.819 | 131  | 192846   | 18.207 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.919 | 166  | 633626   | 28.329 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.201 | 160  | 757167   | 26.339 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.731 | 143  | 16549m   | 4.853  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.501 | 176  | 551361   | 28.526 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.625 | 200  | 46574    | 12.839 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.354 | 188  | 736891   | 26.011 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.642 | 212  | 918528m  | 31.631 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.654 | 264  | 819837   | 27.955 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.313 | 202  | 70133    | 2.182  | ng/u1# | 93       |
| 82) Pyrene                    | 19.671 | 202  | 68861    | 1.971  | ng/u1# | 67       |
| 87) Chrysene                  | 21.489 | 228  | 35133    | 1.053  | ng/u1# | 95       |
| 90) Benzo(b)fluoranthene      | 23.089 | 252  | 39715    | 1.146  | ng/u1# | 83       |
| -----                         |        |      |          |        |        |          |

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

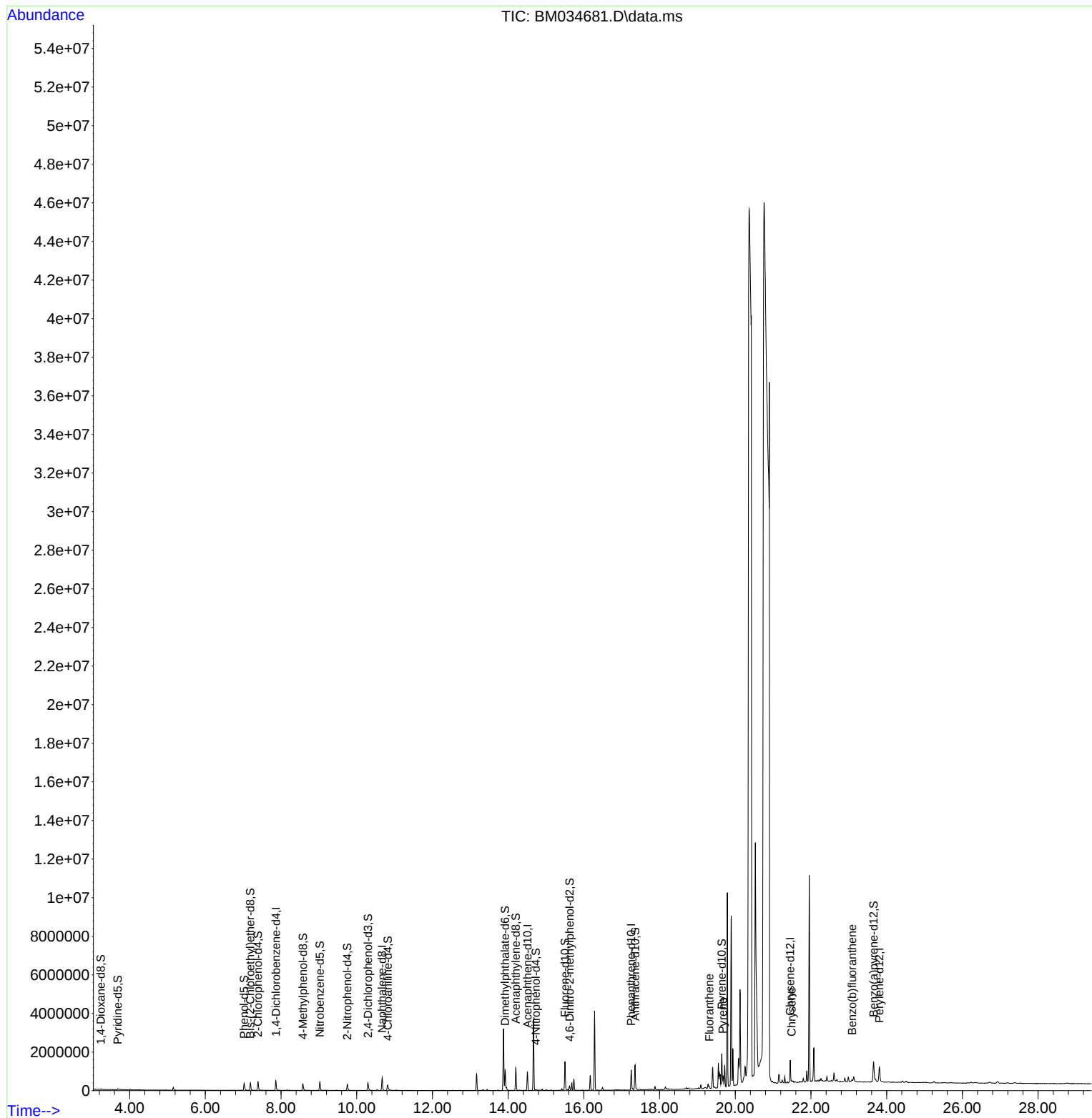
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041422\  
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ALS Vial : 23 Sample Multiplier: 1

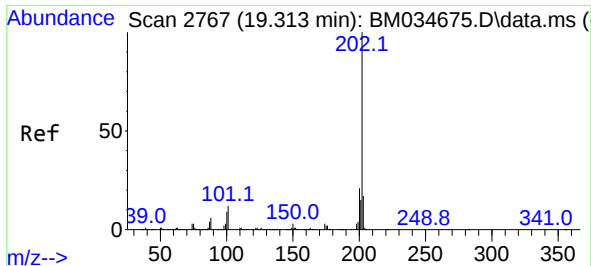
Instrument :  
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ClientSampleId :  
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Quant Time: Apr 15 01:22:09 2022  
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Quant Title : SVOA CALIBRATION  
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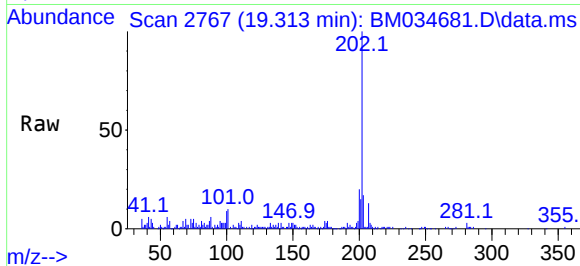
Reviewed By :Jagrut Upadhyay 04/15/2022  
Supervised By :Yogesh Patel 04/23/2022





#80  
Fluoranthene  
Concen: 2.182 ng/ul  
RT: 19.313 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM034681.D  
Acq: 14 Apr 2022 23:26

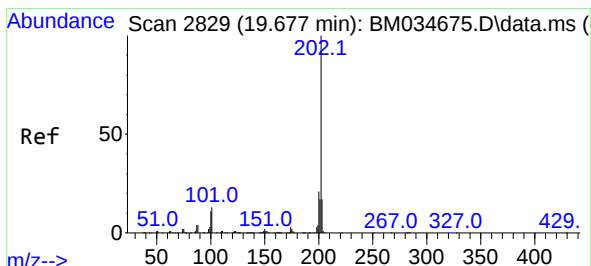
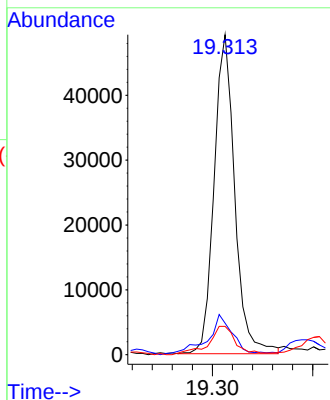
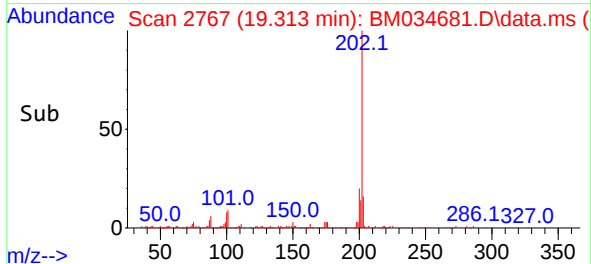
Instrument :  
BNA\_M  
ClientSampleId :  
ETNR3



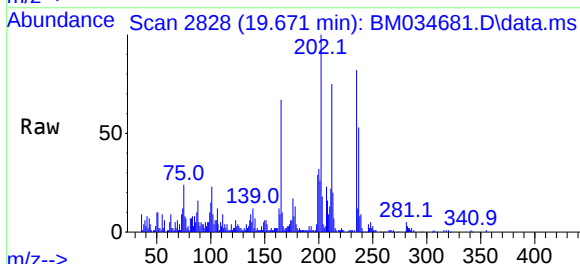
Tgt Ion:202 Resp: 7013  
Ion Ratio Lower Upper  
202 100  
101 9.9 6.2 9.2  
100 8.9 4.7 7.1

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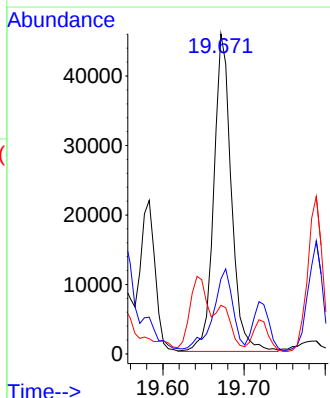
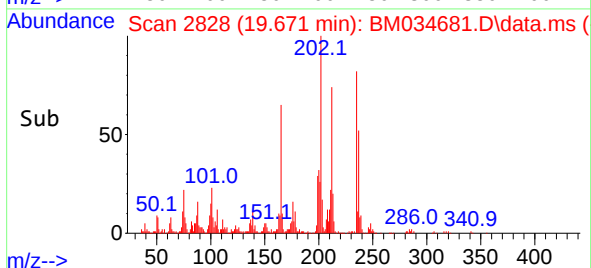
Reviewed By :Jagrut Upadhyay 04/15/2022  
Supervised By :Yogesh Patel 04/23/2022

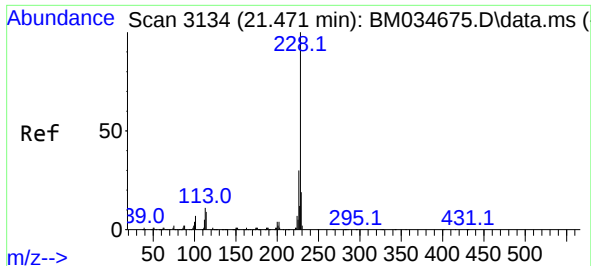


#82  
Pyrene  
Concen: 1.971 ng/ul  
RT: 19.671 min Scan# 2828  
Delta R.T. -0.006 min  
Lab File: BM034681.D  
Acq: 14 Apr 2022 23:26



Tgt Ion:202 Resp: 68861  
Ion Ratio Lower Upper  
202 100  
101 23.4 7.0 10.4#  
100 15.2 5.8 8.6#





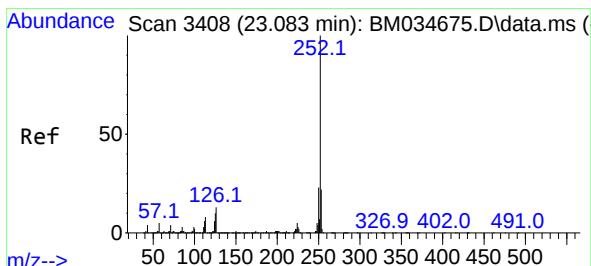
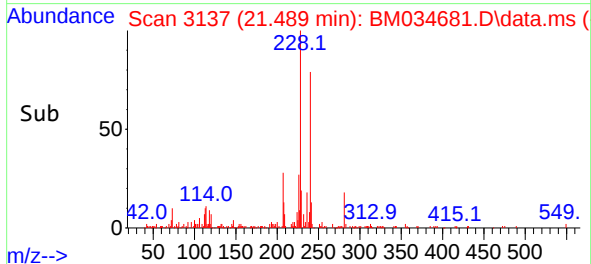
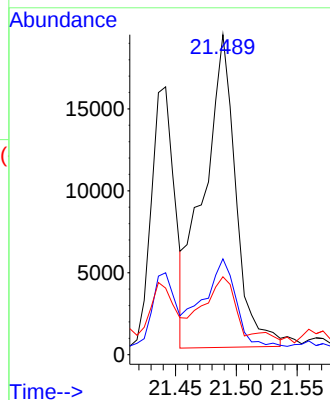
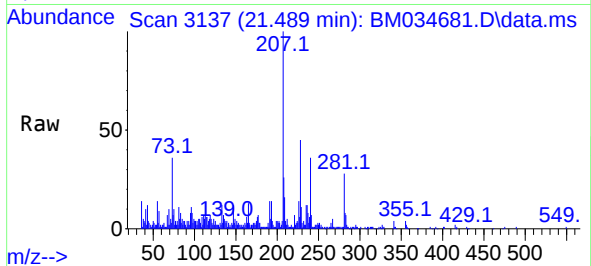
#87  
Chrysene  
Concen: 1.053 ng/u1  
RT: 21.489 min Scan# 3134  
Delta R.T. 0.018 min  
Lab File: BM034681.D  
Acq: 14 Apr 2022 23:26

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|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 3513 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.9  | 23.4  | 35.2 |
| 229       | 24.3  | 15.4  | 23.0 |

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#90  
Benzo(b)fluoranthene  
Concen: 1.146 ng/u1  
RT: 23.089 min Scan# 3409  
Delta R.T. 0.000 min  
Lab File: BM034681.D  
Acq: 14 Apr 2022 23:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 39715 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 27.0  | 17.4  | 26.0# |
| 125       | 19.8  | 5.8   | 8.6#  |

