

Data File : BM021947.D  
Acq On : 08 Aug 2019 23:36  
Operator : HP/JU  
Sample : K4116-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLLE6

Quant Time: Aug 09 01:33:35 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration

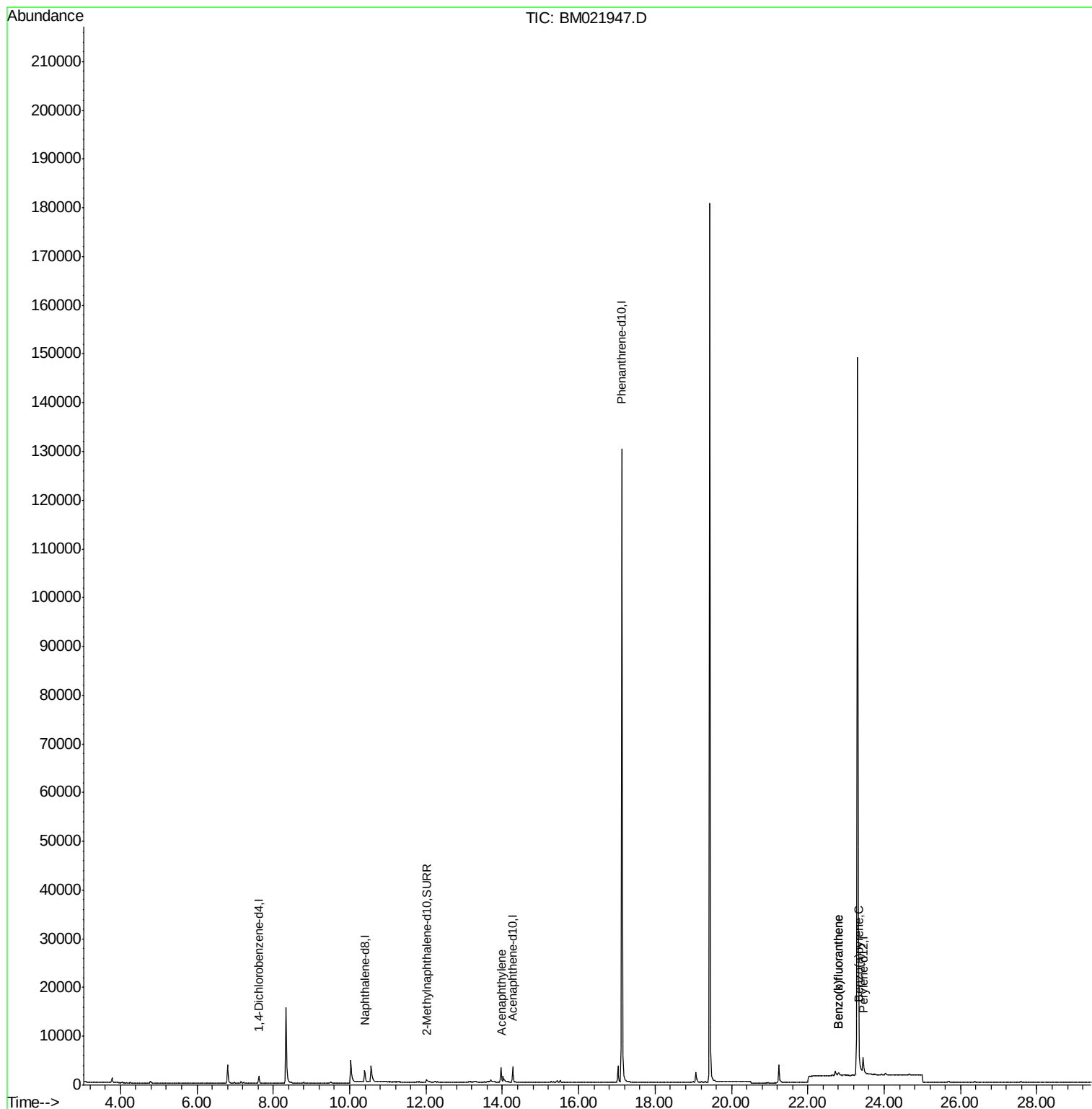
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 792      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.40 | 136  | 3434     | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.27 | 164  | 1840     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.13 | 188  | 156182   | 0.40  | ng/ul  | 0.08     |
| 16) Chrysene-d12            | 0.00  | 240  | 0        | 0.00  | ng/ul  | -21.24   |
| 20) Perylene-d12            | 23.45 | 264  | 5924     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 941      | 0.17  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 7) Acenaphthylene           | 13.99 | 152  | 188      | 0.022 | ng/ul# | 58       |
| 21) Benzo(b)fluoranthene    | 22.78 | 252  | 886      | 0.044 | ng/ul# | 1        |
| 22) Benzo(k)fluoranthene    | 22.78 | 252  | 886      | 0.039 | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 23.35 | 252  | 414      | 0.020 | ng/ul# | 10       |

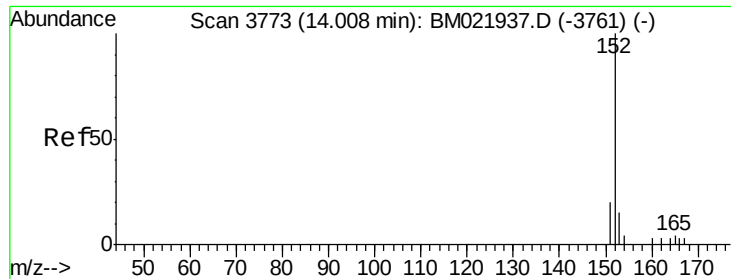
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.01 min

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BNA\_M

ClientSampleId :

JLLE6

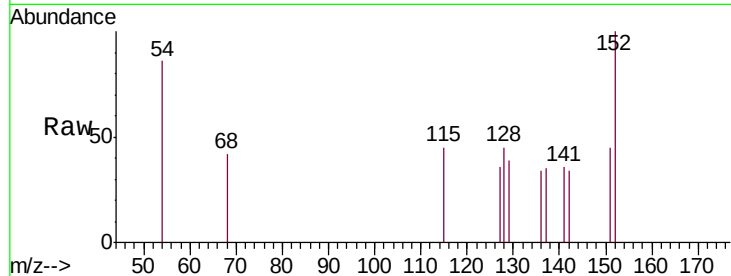
Tgt Ion:152 Resp: 188

Ion Ratio Lower Upper

152 100

151 44.8 18.3 27.5#

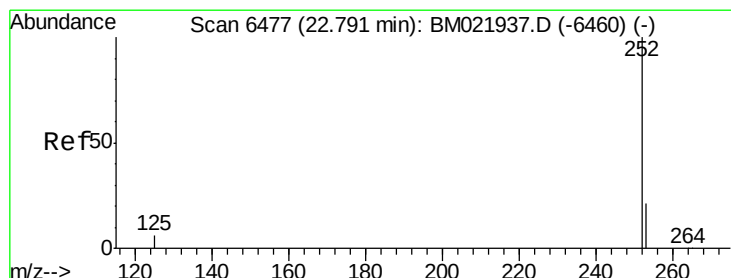
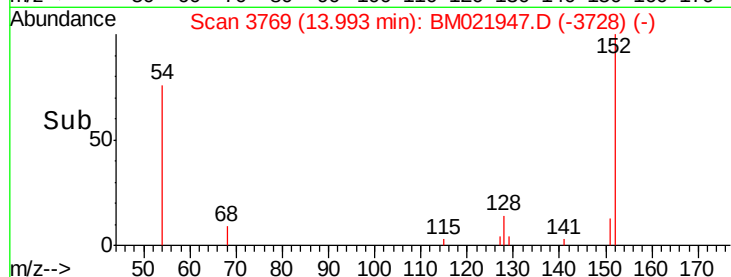
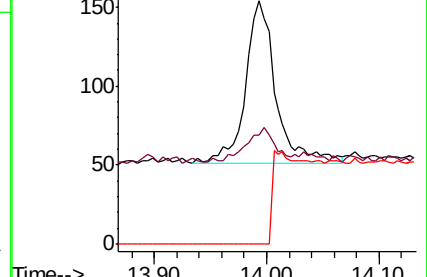
153 0.0 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#21

Benzo(b)fluoranthene

Concen: 0.044 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.01 min

Lab File: BM021947.D

Acq: 08 Aug 2019 23:36

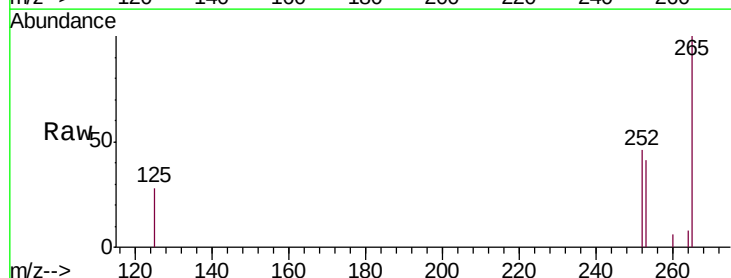
Tgt Ion:252 Resp: 886

Ion Ratio Lower Upper

252 100

253 89.5 0.0 67.4#

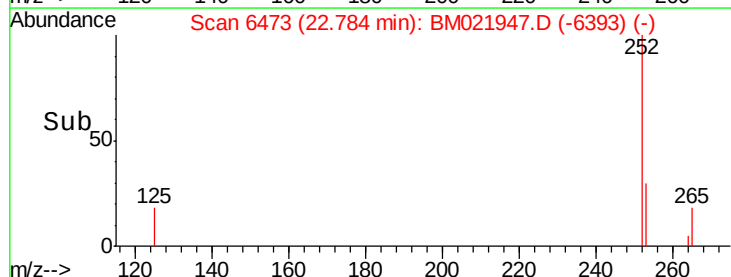
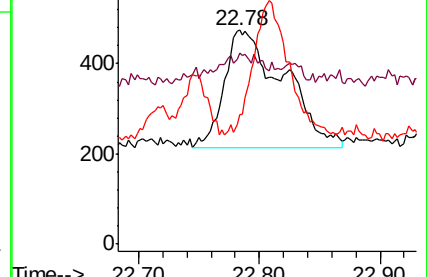
125 60.5 0.0 31.0#

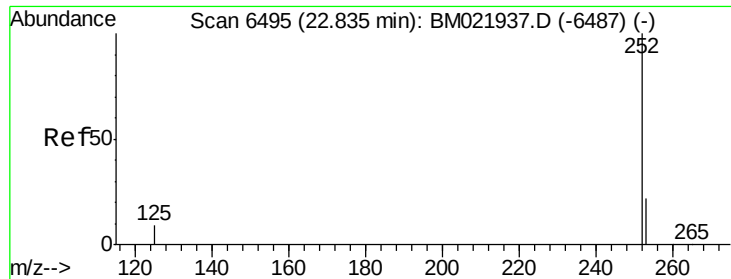


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.039 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.05 min

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Instrument :

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ClientSampleId :

JLLE6

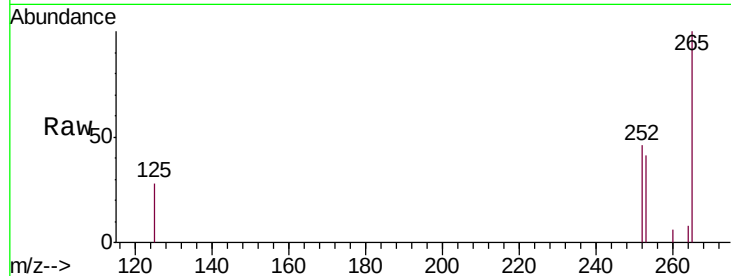
Tgt Ion:252 Resp: 886

Ion Ratio Lower Upper

252 100

253 89.5 27.0 40.4#

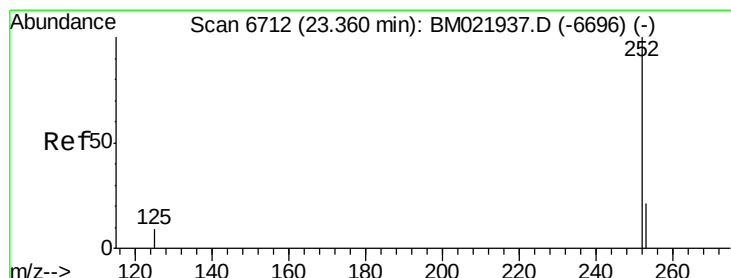
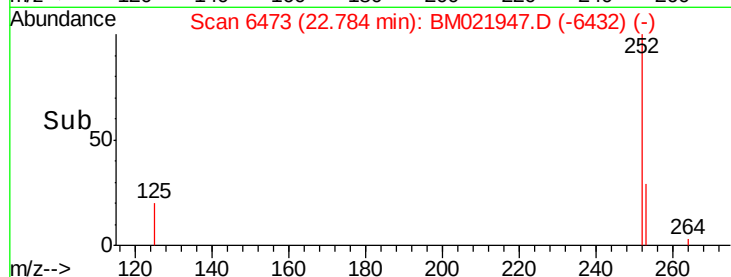
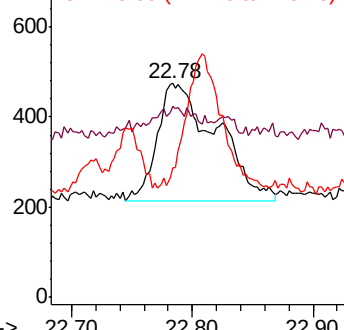
125 60.5 12.2 18.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.020 ng/ul

RT: 23.35 min Scan# 6707

Delta R.T. -0.01 min

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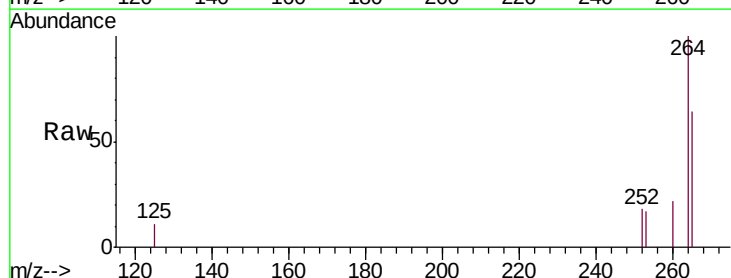
Tgt Ion:252 Resp: 414

Ion Ratio Lower Upper

252 100

253 93.5 31.7 47.5#

125 60.1 14.6 21.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

