

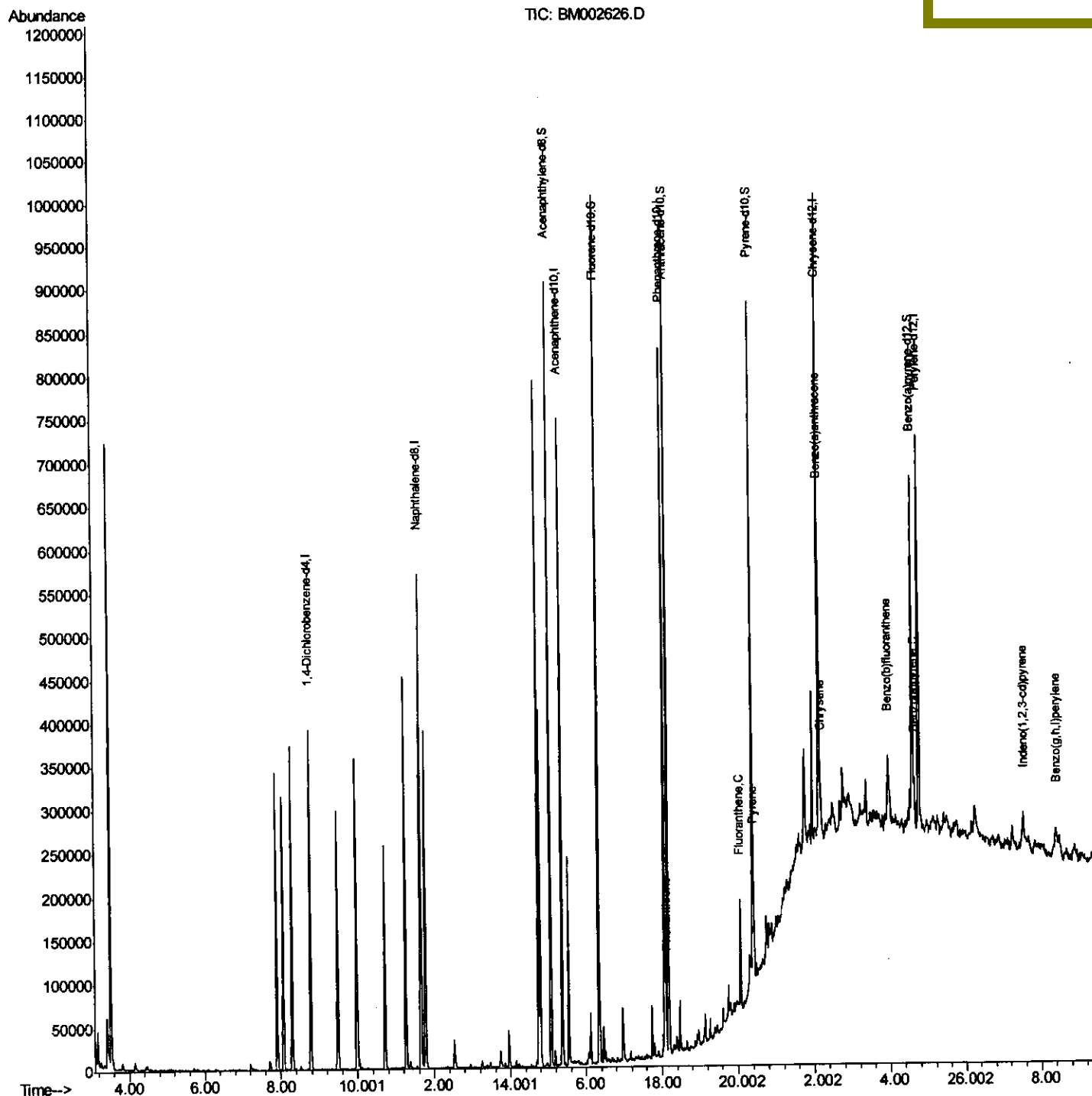
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM083115\  
Data File : BM002626.D  
Acq On : 01 Sep 2015 13:39  
Operator : UM/IZ  
Sample : G3456-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
D9E95

Quant Time: Sep 01 14:25:24 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 01 07:11:38 2015  
Response via : Initial Calibration

Manual Integrations  
APPROVED

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9/1/2015 2:57:30 PM



Quantitation Report (Qedit)

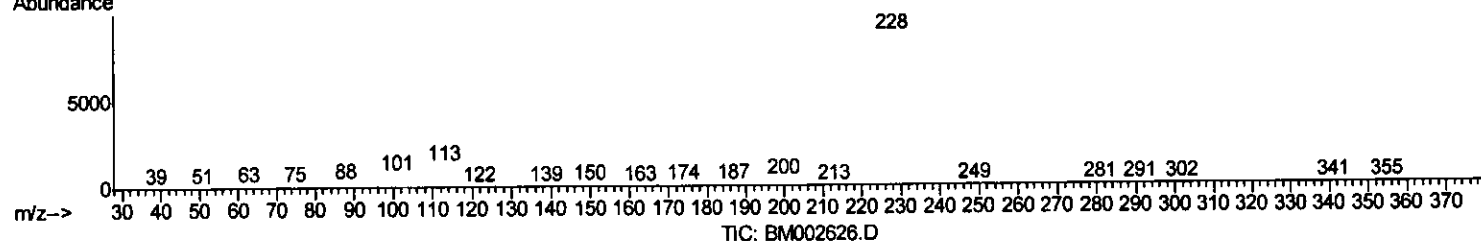
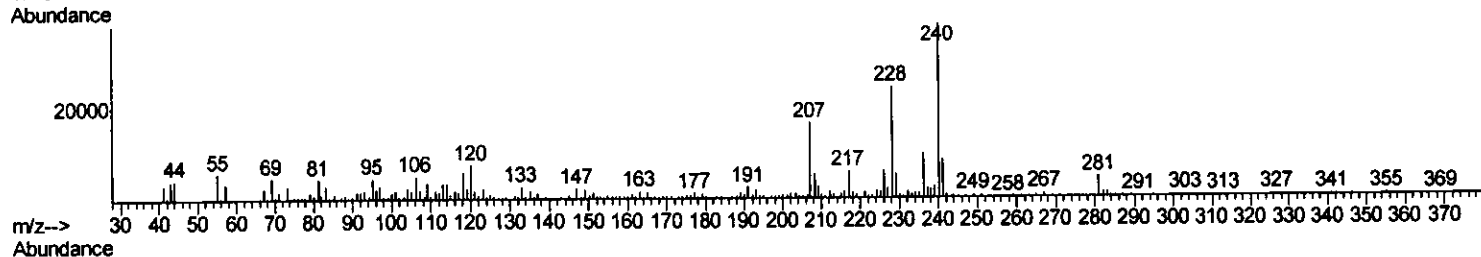
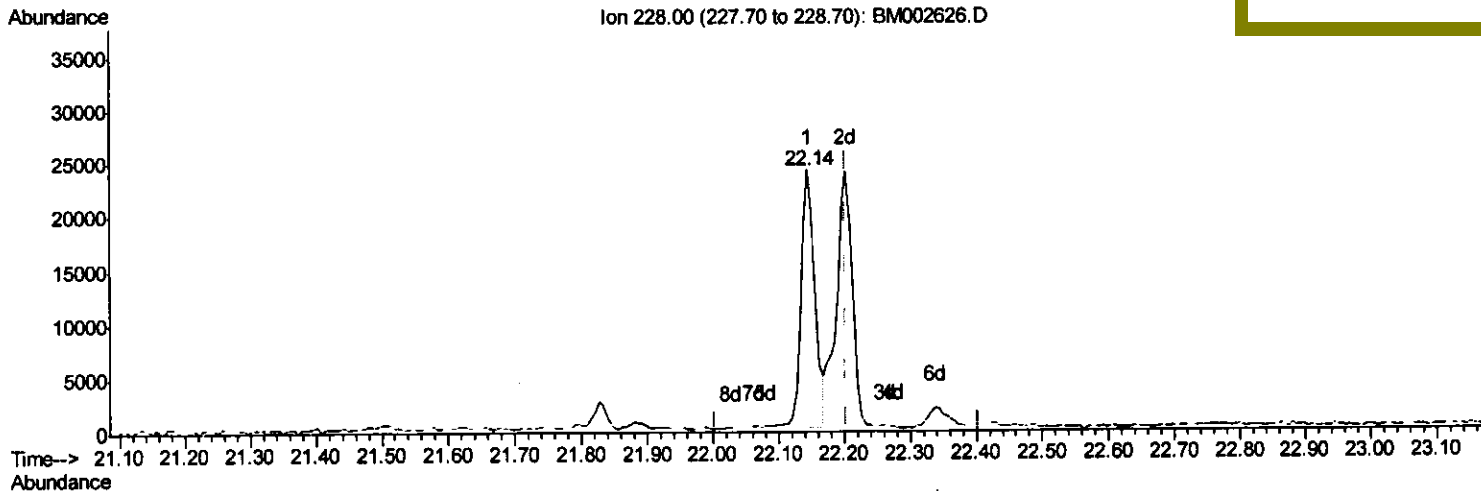
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Quant Time: Sep 01 14:22:28 2015  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 01 07:11:38 2015  
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(21) Chrysene

22.144min (-0.059) 1.73ng/ul

response 35799

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.30 | 26.35 |
| 229.00 | 19.60 | 22.76 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

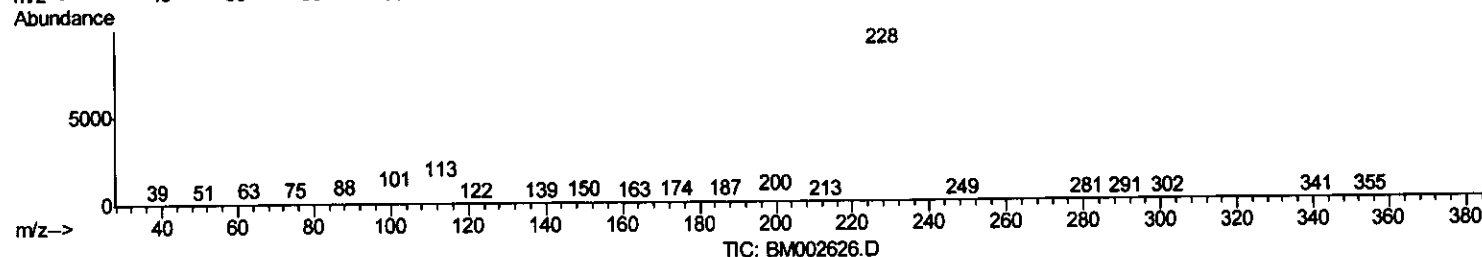
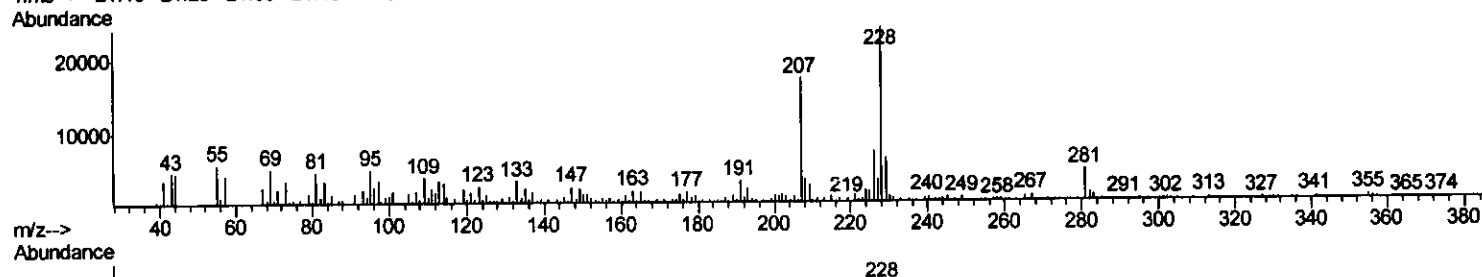
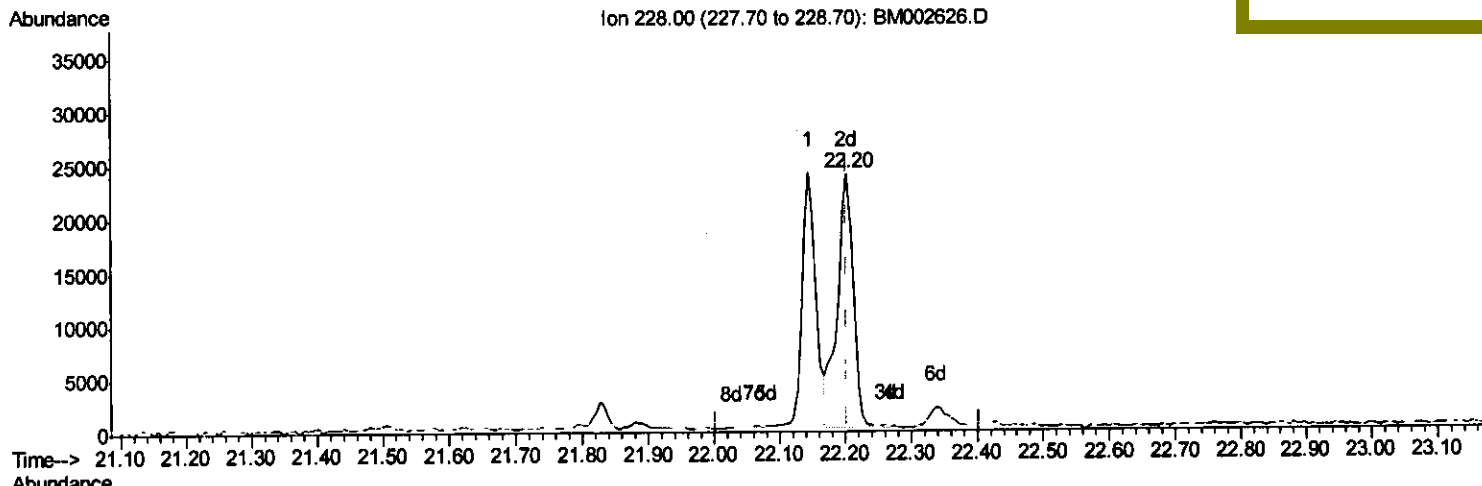
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Manual Integrations  
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 9/1/2015 2:57:30 PM



(21) Chrysene

22.203min (0.000) 1.95ng/ul m

response 40318

Ion Exp% Act%

228.00 100 100

226.00 29.30 30.64

229.00 19.60 26.14#

0.00 0.00 0.00

U.M  
 09/03/15

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM083115\  
 Data File : BM002626.D  
 Acq On : 01 Sep 2015 13:39  
 Operator : UM/IZ  
 Sample : G3456-11  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9E95

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Manual Integrations  
 APPROVED

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 9/1/2015 2:57:30 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.78  | 152  | 119926   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.65 | 136  | 534890   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.37 | 164  | 266820   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.08 | 188  | 490457   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.16 | 240  | 370529   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.79 | 264  | 375564   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |        |       |       |      |
|------------------------|-------|-----|--------|-------|-------|------|
| 7) Acenaphthylene-d8   | 15.07 | 160 | 679325 | 24.90 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 16.34 | 176 | 413647 | 21.59 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 18.17 | 188 | 558540 | 23.61 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 20.40 | 212 | 384195 | 23.39 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.62 | 264 | 327108 | 16.58 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |             | Qvalue |
|----------------------------|-------|-----|--------|-------------|--------|
| 13) Phenanthrene           | 18.12 | 178 | 41687  | 1.47 ng/ul  | 98     |
| 16) Fluoranthene           | 20.07 | 202 | 68372  | 2.13 ng/ul  | 98     |
| 19) Pyrene                 | 20.43 | 202 | 58516  | 2.70 ng/ul  | 99     |
| 20) Benzo(a)anthracene     | 22.14 | 228 | 35969  | 1.62 ng/ul  | 97     |
| 21) Chrysene               | 22.20 | 228 | 40318m | 1.95 ng/ul  |        |
| 23) Benzo(b)fluoranthene   | 23.98 | 252 | 63561  | 2.80 ng/ul# | 89     |
| 26) Benzo(a)pyrene         | 24.67 | 252 | 43332  | 2.00 ng/ul# | 89     |
| 27) Indeno(1,2,3-cd)pyrene | 27.56 | 276 | 33828  | 1.36 ng/ul  | 97     |
| 29) Benzo(g,h,i)perylene   | 28.43 | 276 | 35574  | 1.71 ng/ul# | 89     |

U.M  
 09/03/15

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