

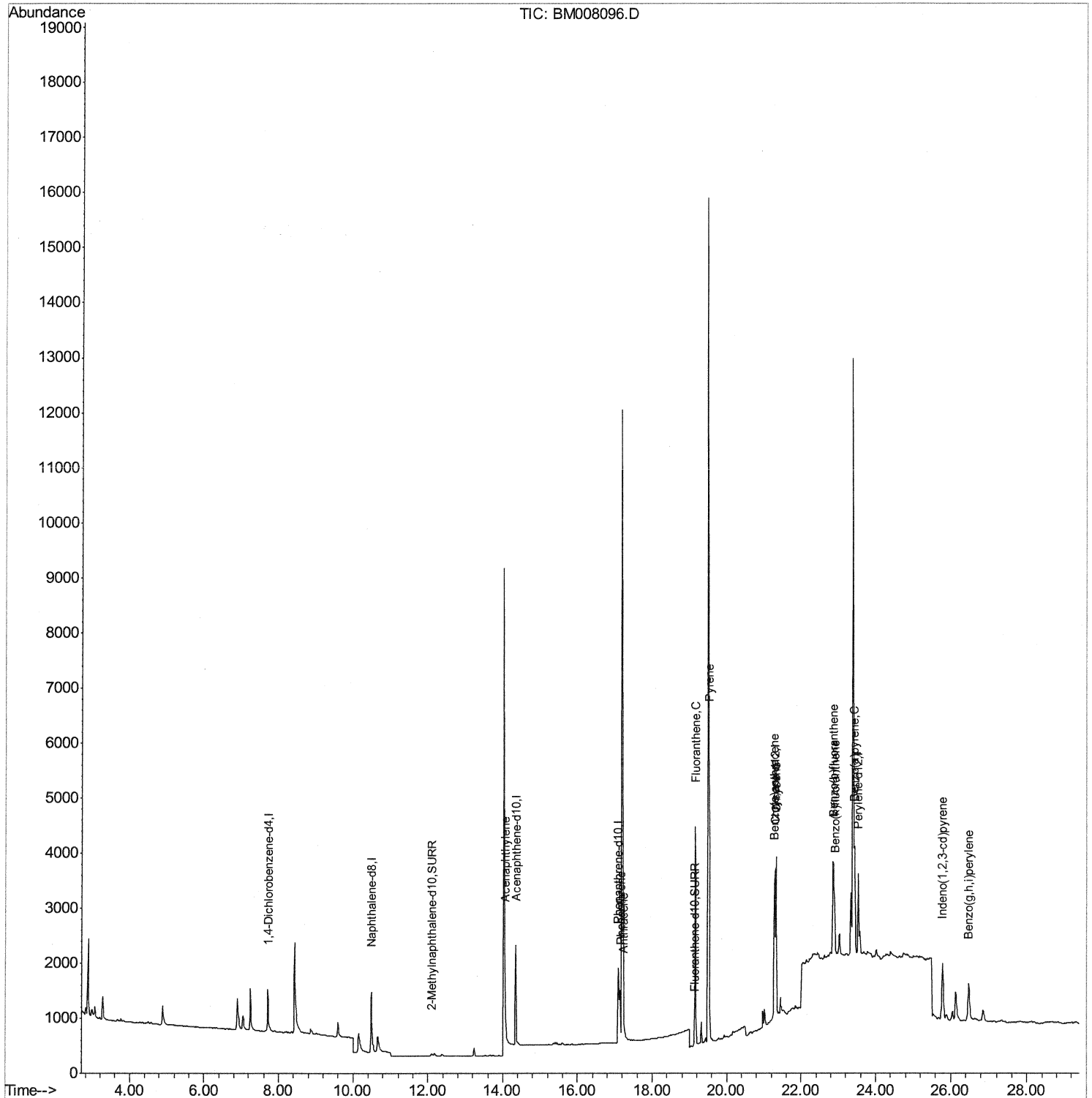
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM112816\  
Data File : BM008096.D  
Acq On : 28 Nov 2016 20:54  
Operator : UM/SJ  
Sample : H5694-20DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JHSS7DL

Manual Integrations  
APPROVED

UMANGI  
11/29/2016 2:22:55 PM

Quant Time: Nov 29 00:48:54 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 29 00:11:14 2016  
Response via : Initial Calibration



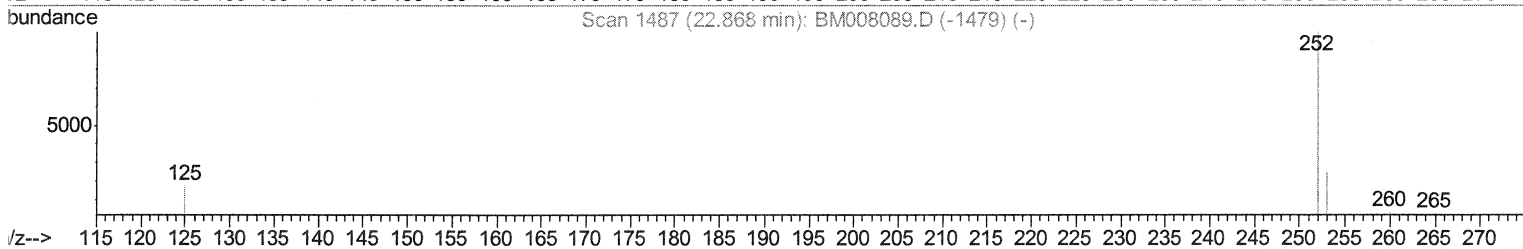
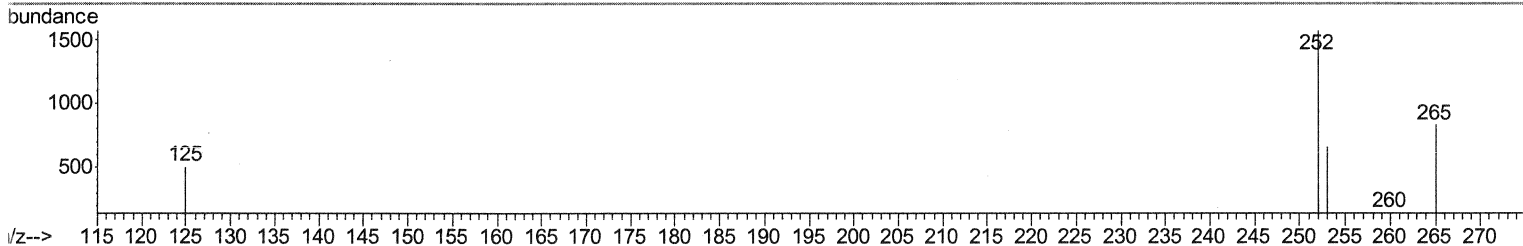
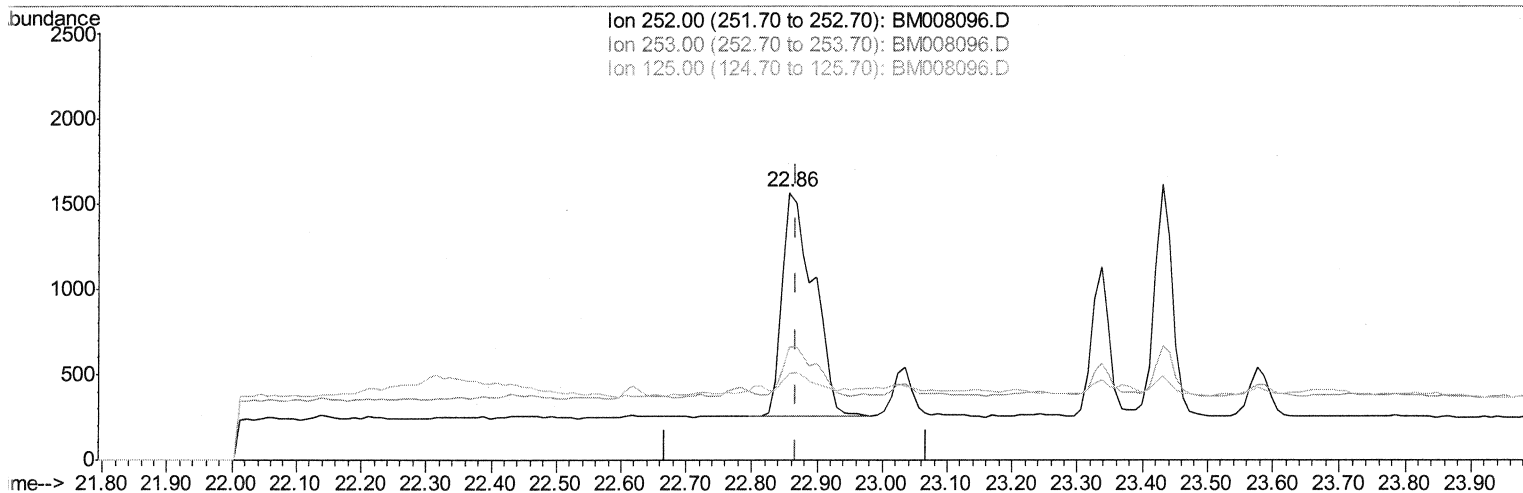
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TIC: BM008096.D

(21) Benzo(b)fluoranthene

22.857min (-0.011) 0.54ng/ul

response 4403

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 41.96 |
| 125.00 | 17.50 | 32.27 |
| 0.00   | 0.00  | 0.00  |

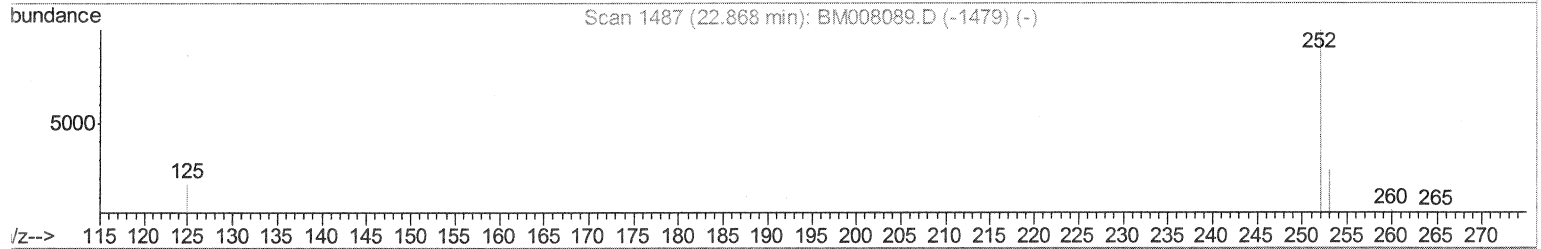
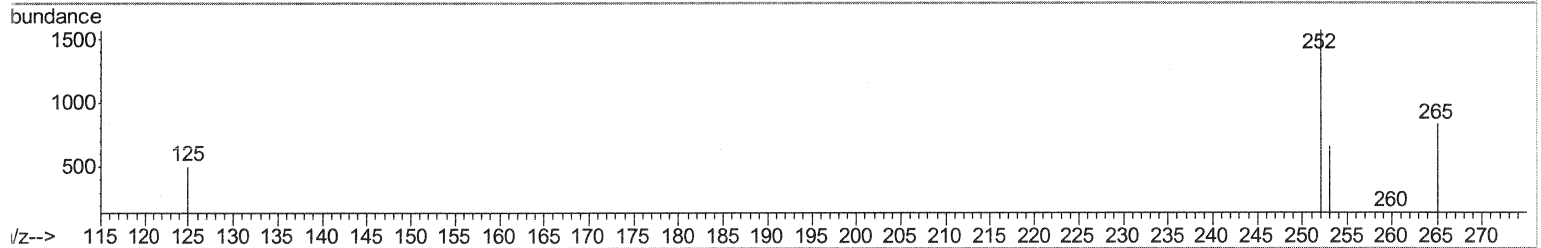
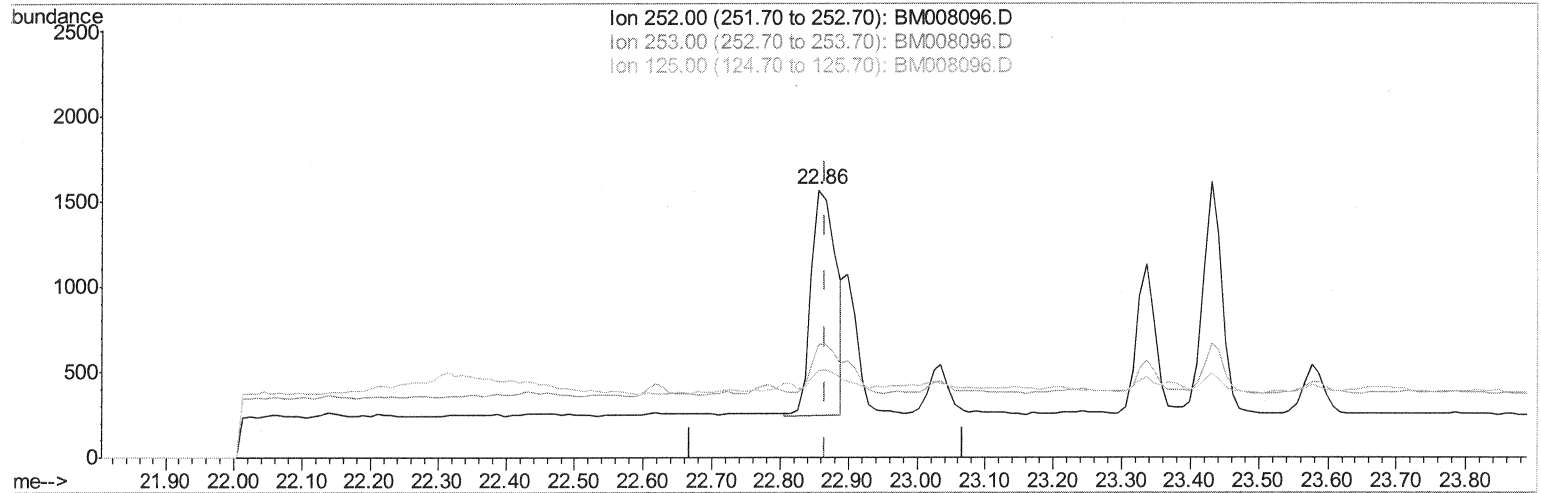
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(21) Benzo(b)fluoranthene

22.857min (-0.011) 0.42ng/ul m

*SJ 11/29/16*

response 3405

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 41.96 |
| 125.00 | 17.50 | 32.27 |
| 0.00   | 0.00  | 0.00  |

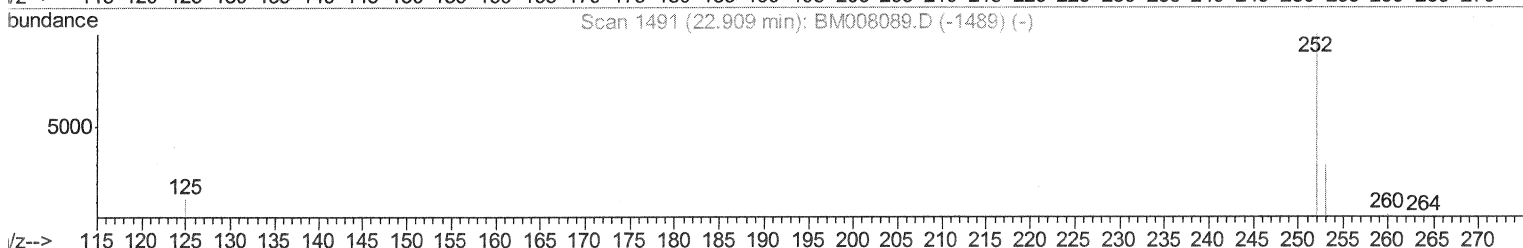
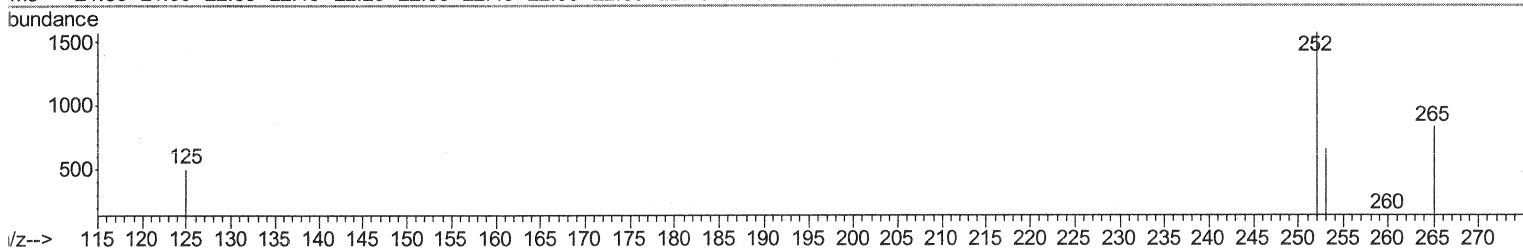
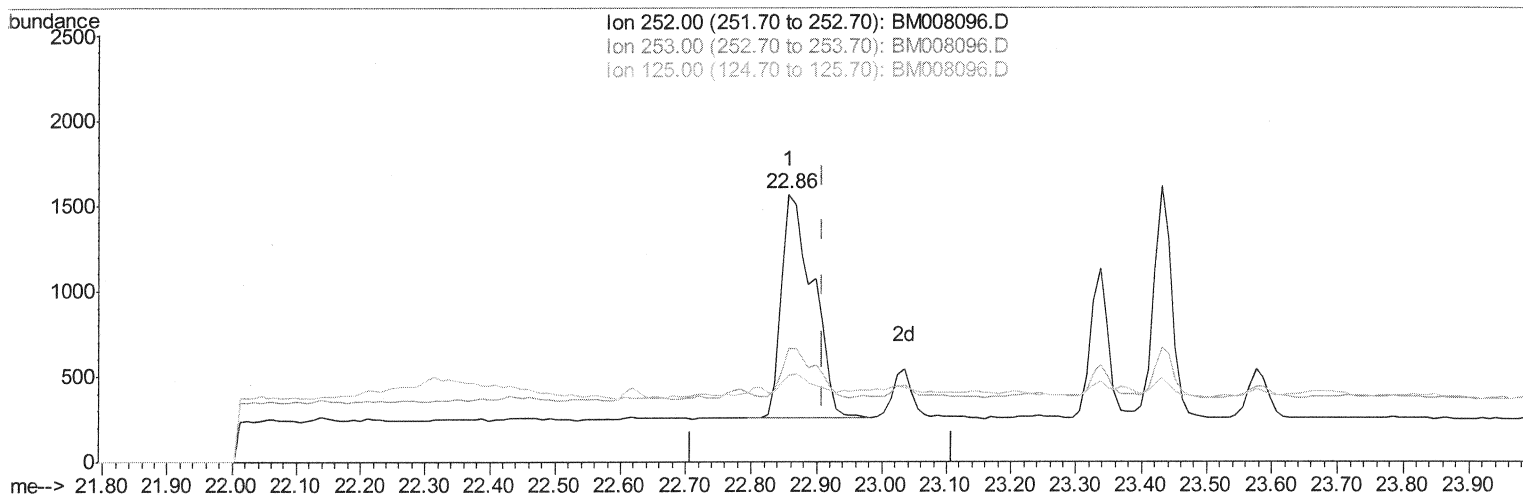
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(22) Benzo(k)fluoranthene

22.857min (-0.052) 0.52ng/ul

response 4403

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 41.96# |
| 125.00 | 17.10 | 32.27# |
| 0.00   | 0.00  | 0.00   |

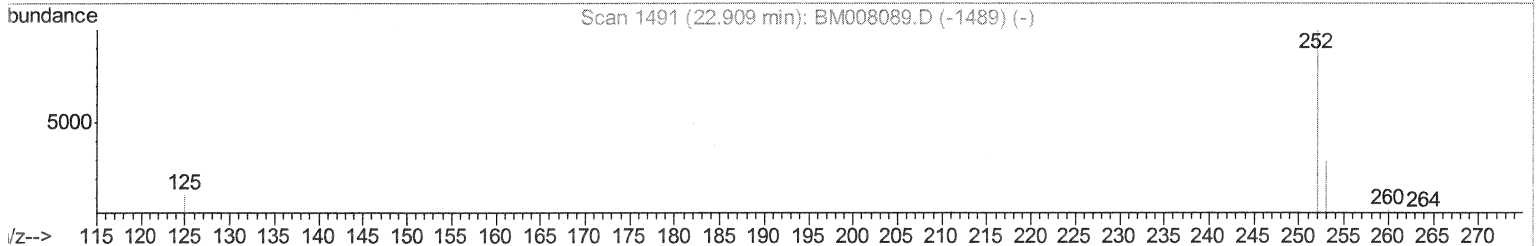
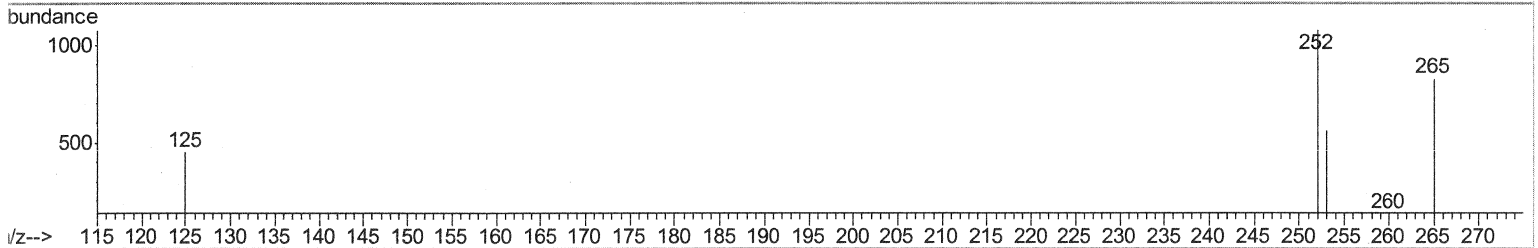
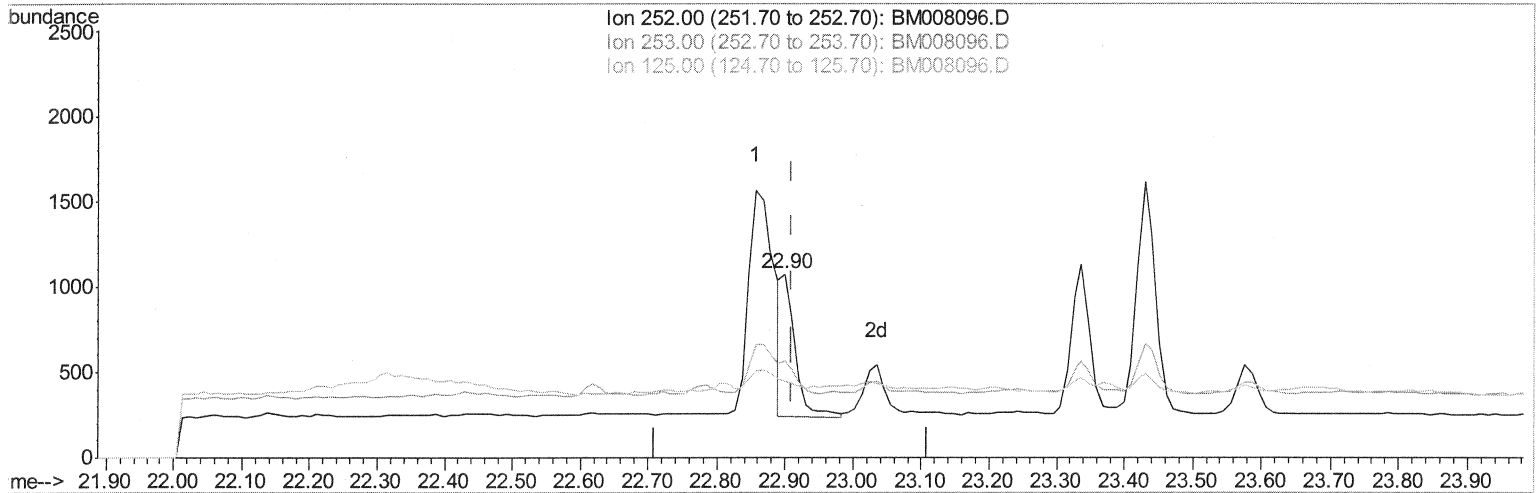
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BM008096.D

(22) Benzo(k)fluoranthene

22.899min (-0.011) 0.14ng/ul m

SJ 11/29/16

response 1185

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 52.32# |
| 125.00 | 17.10 | 42.01# |
| 0.00   | 0.00  | 0.00   |

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 Operator : UM/SJ  
 Sample : H5694-20DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 548      | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.50 | 136  | 1923     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.35 | 164  | 1125     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.09 | 188  | 2071     | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.29 | 240  | 2058     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.53 | 264  | 2047     | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 96       | 0.04 | ng/ul | 0.02     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 218      | 0.04 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 7) Acenaphthylene          | 14.06 | 152  | 332      | 0.07 | ng/ul# | 66     |
| 12) Phenanthrene           | 17.14 | 178  | 1426     | 0.22 | ng/ul# | 94     |
| 13) Anthracene             | 17.23 | 178  | 285      | 0.05 | ng/ul# | 55     |
| 15) Fluoranthene           | 19.16 | 202  | 4589     | 0.55 | ng/ul  | 98     |
| 17) Pyrene                 | 19.52 | 202  | 4825     | 0.68 | ng/ul  | 98     |
| 18) Benzo(a)anthracene     | 21.27 | 228  | 2261     | 0.36 | ng/ul# | 82     |
| 19) Chrysene               | 21.32 | 228  | 2814     | 0.36 | ng/ul# | 88     |
| 21) Benzo(b)fluoranthene   | 22.86 | 252  | 3405m    | 0.42 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.90 | 252  | 1185m    | 0.14 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.43 | 252  | 2632     | 0.34 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 25.79 | 276  | 1821     | 0.19 | ng/ul# | 90     |
| 26) Benzo(g,h,i)perylene   | 26.47 | 276  | 1567     | 0.19 | ng/ul# | 77     |

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