

## Quantitation Report (Qedit)

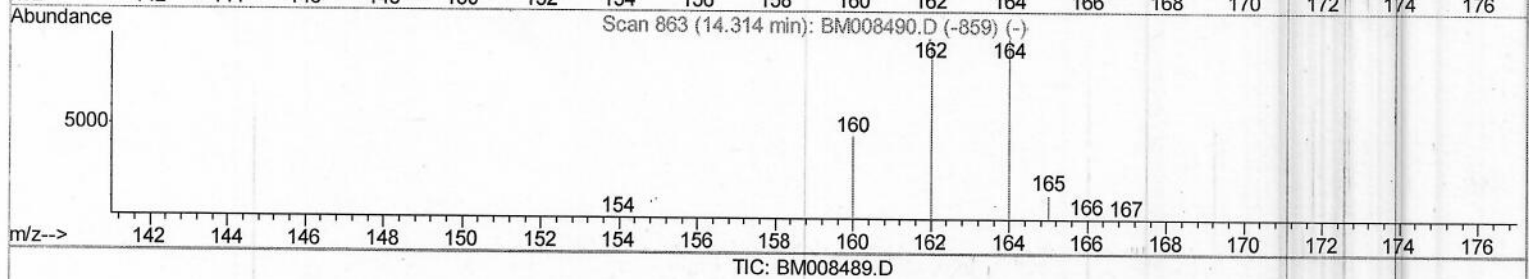
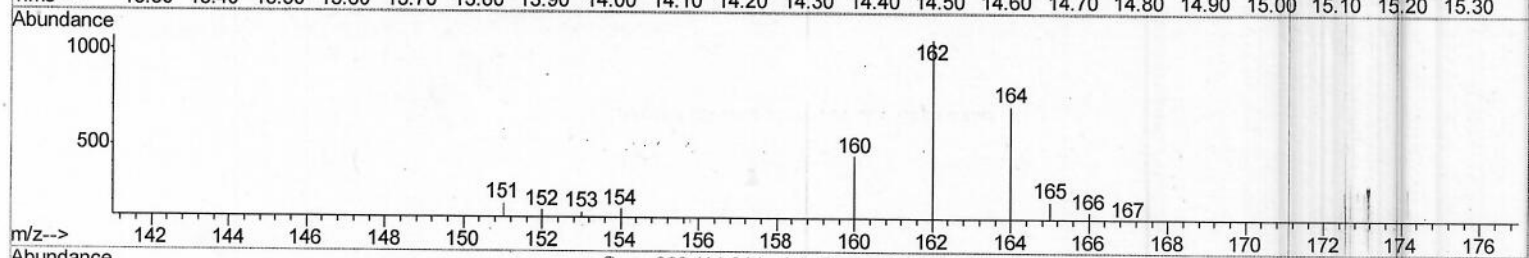
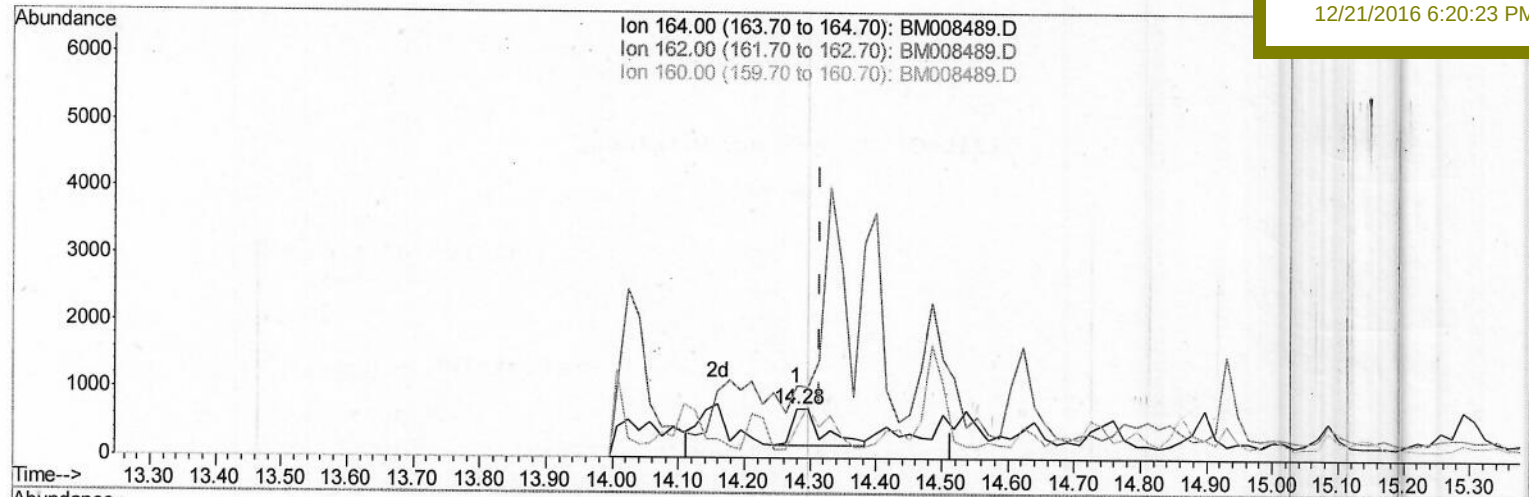
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
Data File : BM008489.D  
Acq On : 20 Dec 2016 21:06  
Operator : UM/SJ  
Sample : H6039-12  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 21 10:25:07 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 02:43:00 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA8S8

Manual Integrations  
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(6) Acenaphthene-d10 (I)  
14.280min (-0.034) 0.40ng/ul  
response 1819

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 164.00 | 100   | 100     |
| 162.00 | 98.60 | 147.91# |
| 160.00 | 48.80 | 62.81#  |
| 0.00   | 0.00  | 0.00    |

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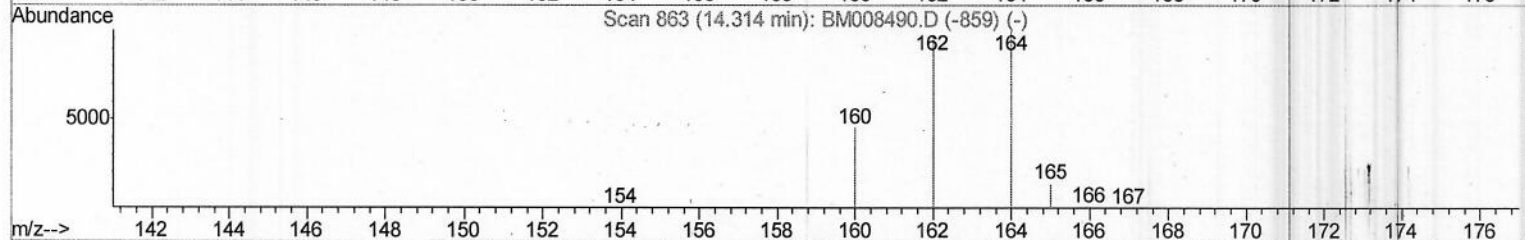
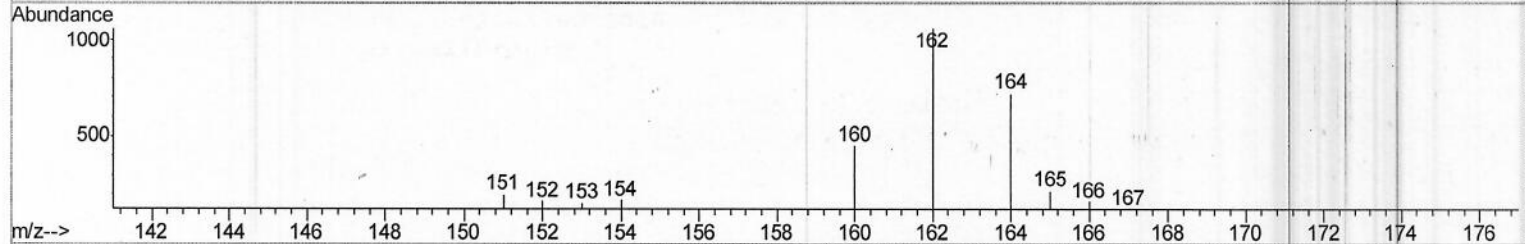
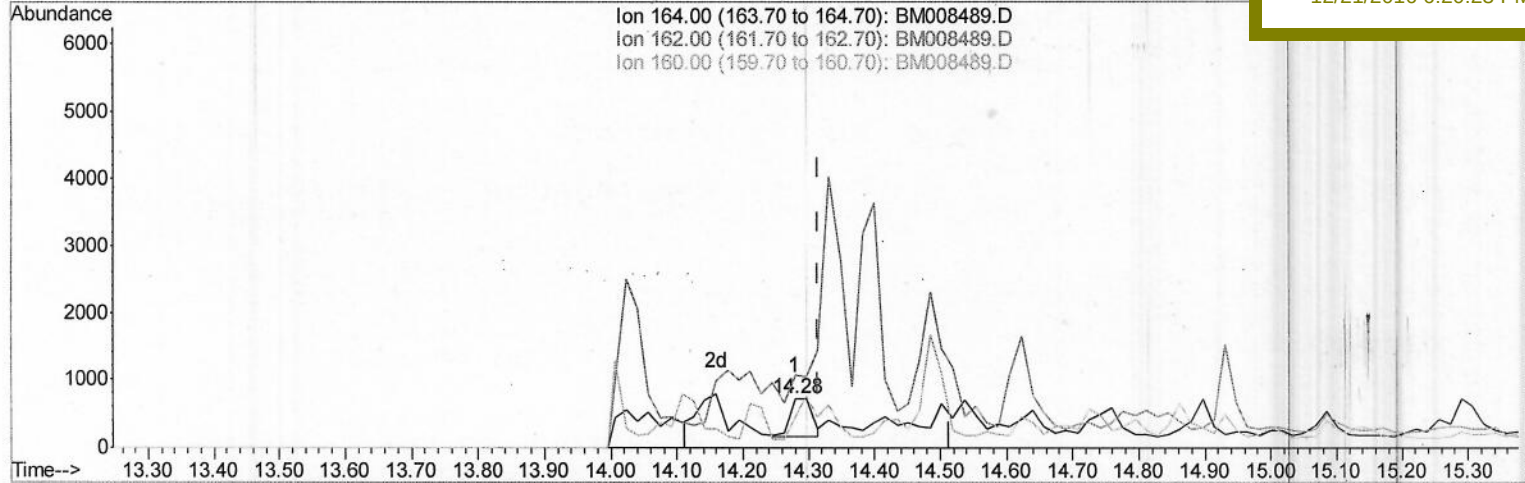
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TIC: BM008489.D

(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 1301

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 164.00 | 100   | 100     |
| 162.00 | 98.60 | 147.91# |
| 160.00 | 48.80 | 62.81#  |
| 0.00   | 0.00  | 0.00    |

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# Quantitation Report (Qedit)

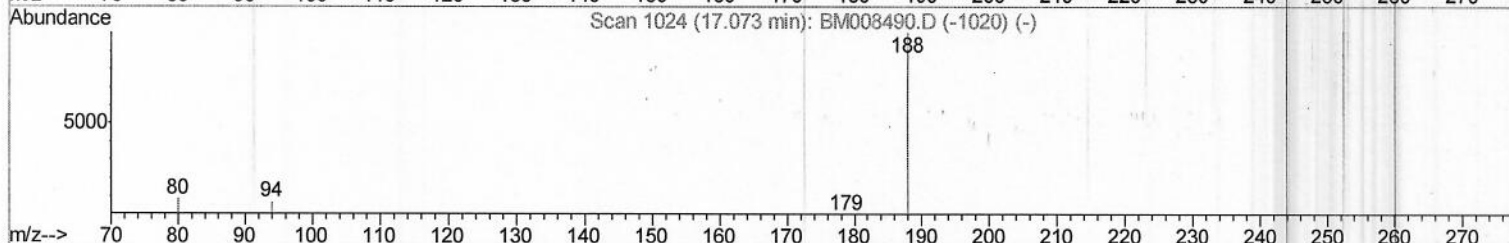
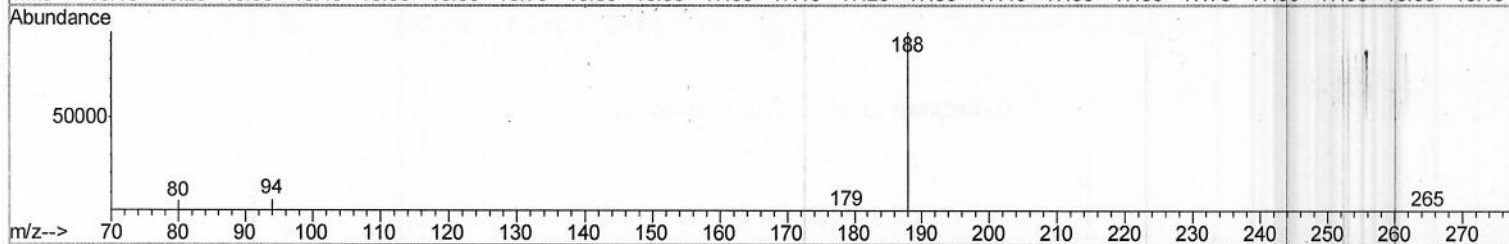
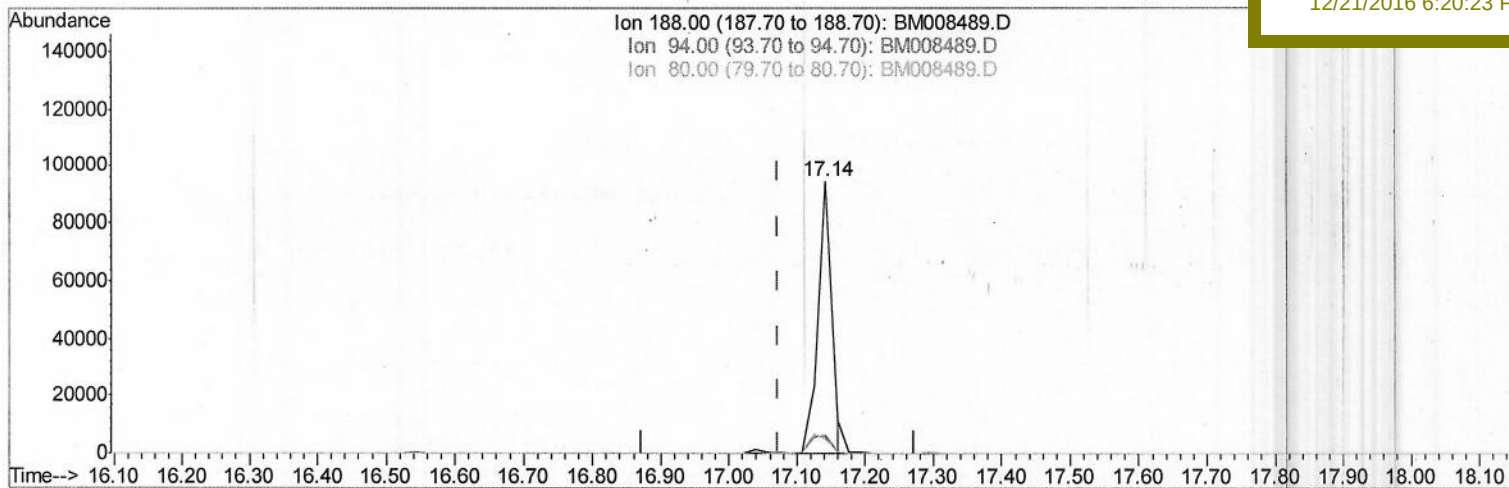
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008489.D  
 Acq On : 20 Dec 2016 21:06  
 Operator : UM/SJ  
 Sample : H6039-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8S8

Quant Time: Dec 21 12:46:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
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TIC: BM008489.D

(10) Phenanthrene-d10 (I)  
 17.142min (+0.069) 0.40ng/ul  
 response 132110

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 6.42# |
| 80.00  | 11.80 | 5.41# |
| 0.00   | 0.00  | 0.00  |

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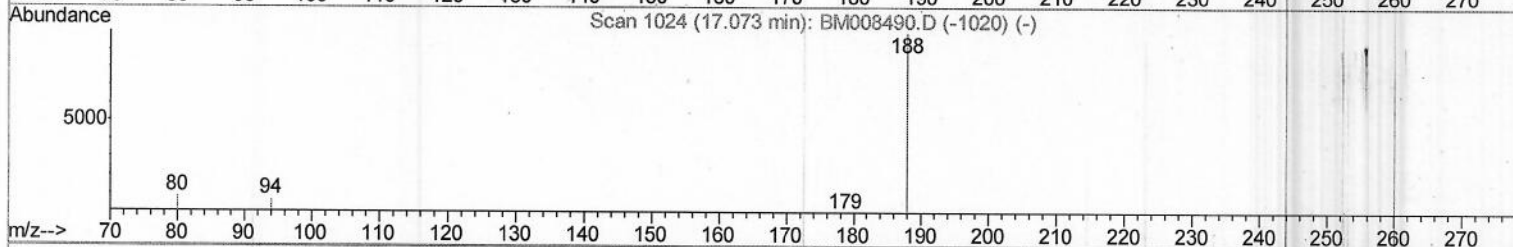
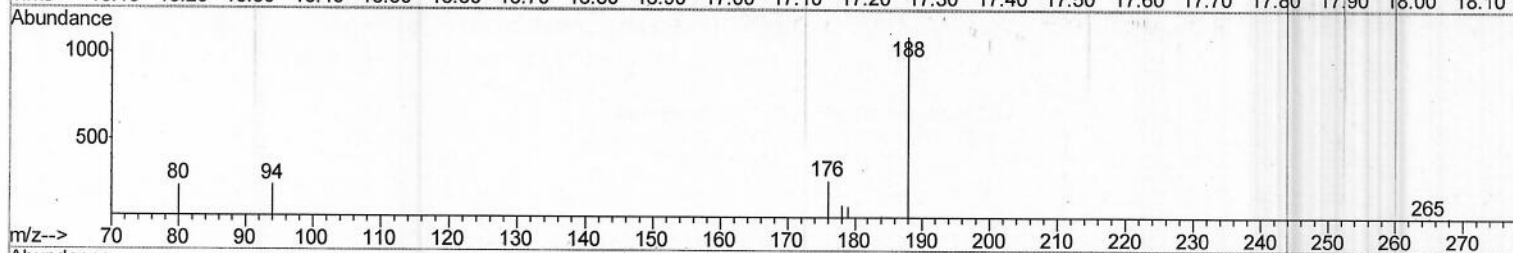
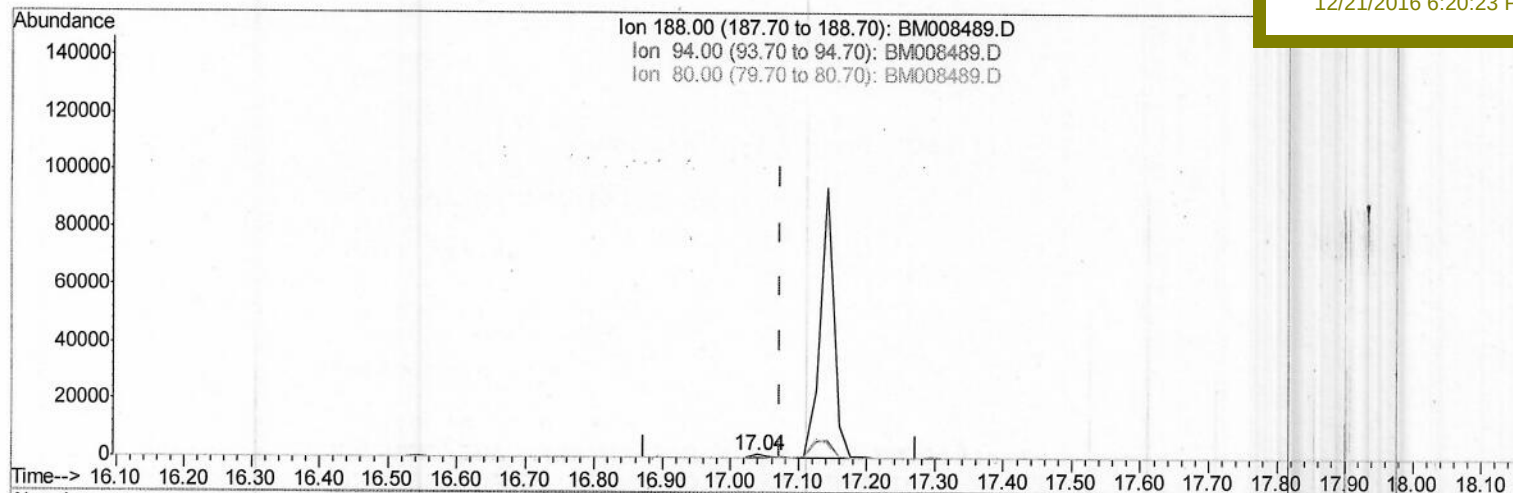
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1524

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 21.21# |
| 80.00  | 11.80 | 21.12# |
| 0.00   | 0.00  | 0.00   |

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Acq On : 20 Dec 2016 21:06  
Operator : UM/SJ  
Sample : H6039-12  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 21 12:47:31 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 02:43:00 2016  
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

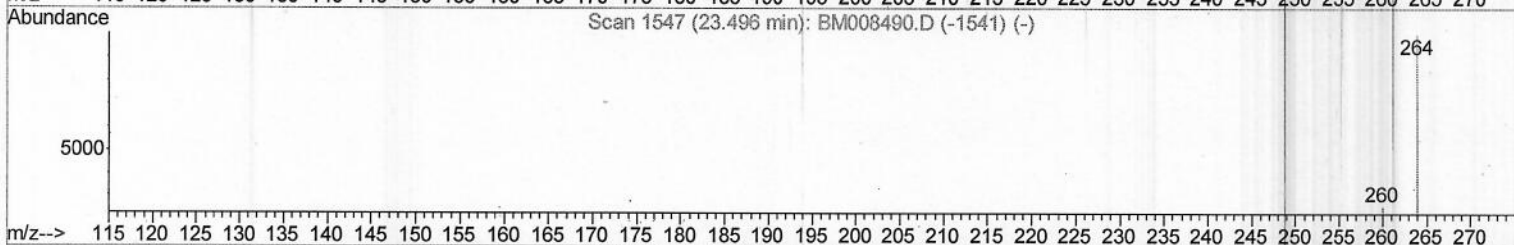
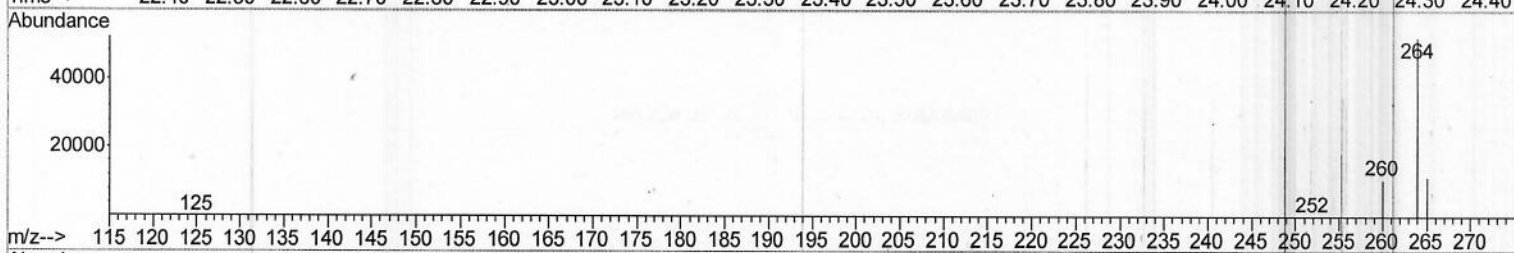
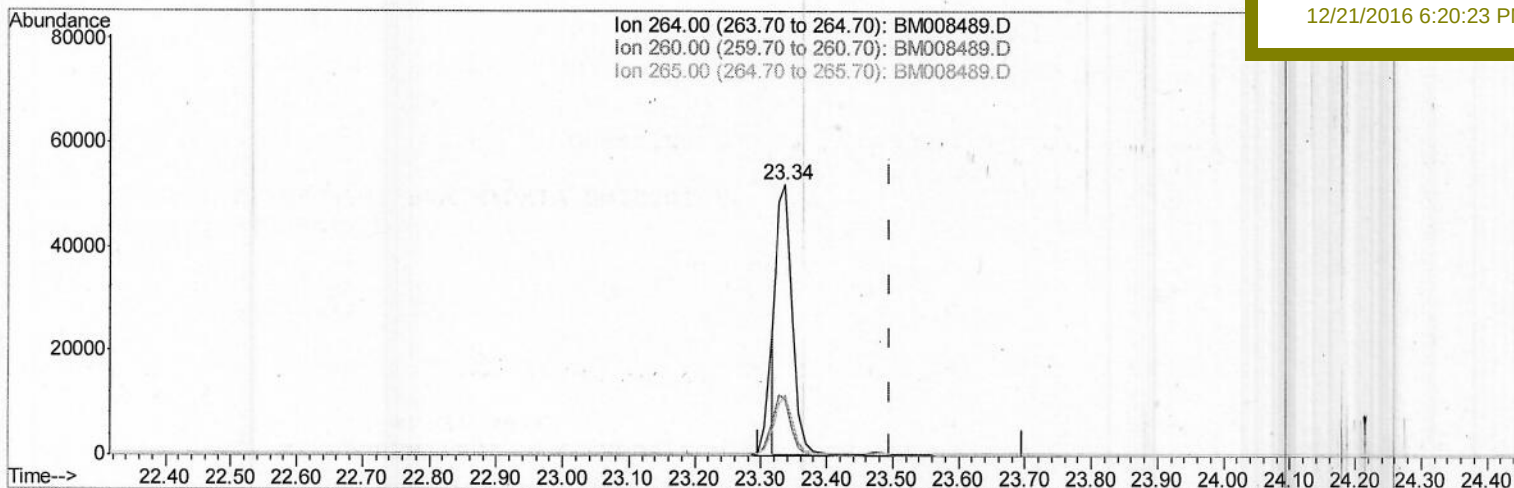
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TIC: BM008489.D

(20) Perylene-d12 (I)

23.337min (-0.160) 0.40ng/ul

response 86075

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.02# |
| 265.00 | 103.50 | 22.20# |
| 0.00   | 0.00   | 0.00   |

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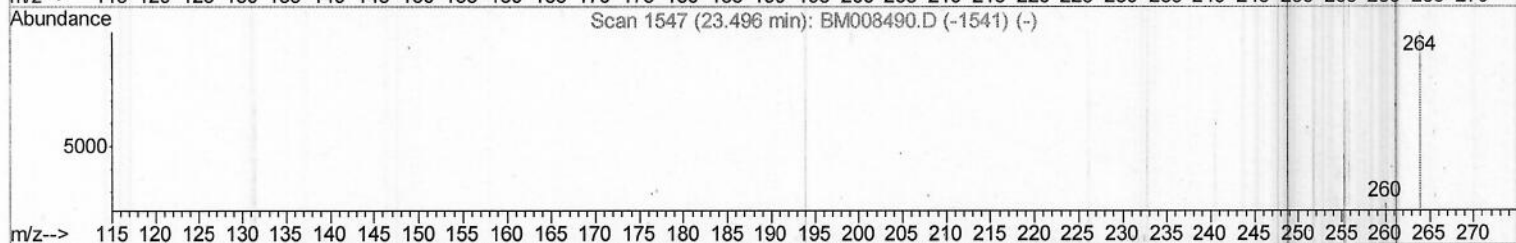
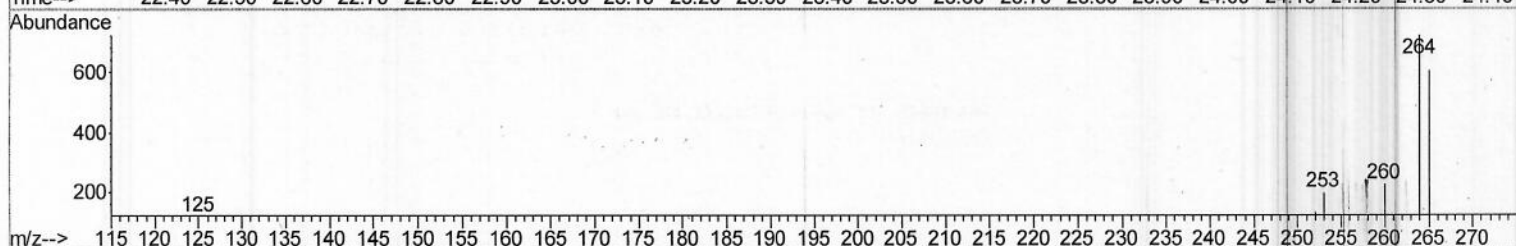
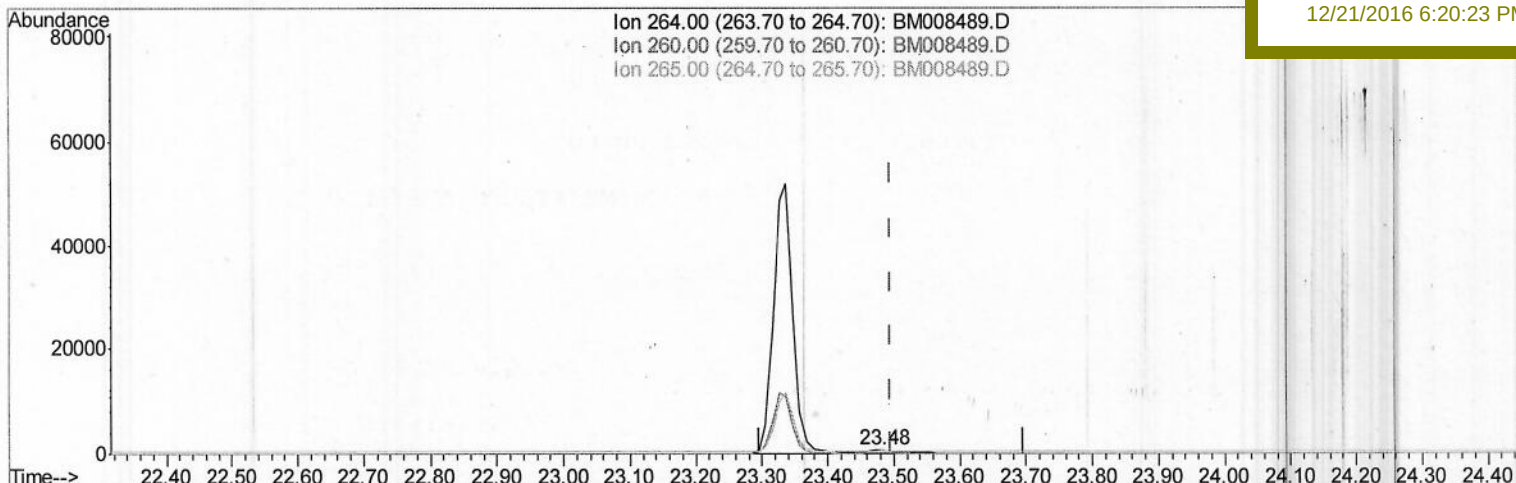
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 Operator : UM/SJ  
 Sample : H6039-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

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TIC: BM008489.D

(20) Perylene-d12 (I)

23.483min (-0.014) 0.40ng/ul m

response 1097

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 264.00 | 100    | 100   |
| 260.00 | 30.10  | 31.48 |
| 265.00 | 103.50 | 83.77 |
| 0.00   | 0.00   | 0.00  |

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

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BNA\_M

Client Sampled :

DA8S8

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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev (Min) |
|-----------------------------|-------|------|----------|------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 406      | 0.40 | ng/ul  | -0.05     |
| 2) Naphthalene-d8           | 10.43 | 136  | 1326     | 0.40 | ng/ul  | -0.05     |
| 6) Acenaphthene-d10         | 14.28 | 164  | 1301m    | 0.40 | ng/ul  | -0.03     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1524m    | 0.40 | ng/ul  | -0.03     |
| 16) Chrysene-d12            | 21.26 | 240  | 1365     | 0.40 | ng/ul  | 0.00      |
| 20) Perylene-d12            | 23.48 | 264  | 1097m    | 0.40 | ng/ul  | -0.01     |
| System Monitoring Compounds |       |      |          |      |        |           |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 975      | 0.48 | ng/ul  | -0.06     |
| 14) Fluoranthene-d10        | 19.08 | 212  | 1321     | 0.31 | ng/ul  | -0.02     |
| Target Compounds            |       |      |          |      |        |           |
| 3) Naphthalene              | 10.46 | 128  | 37088    | 9.94 | ng/ul# | 94        |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 8331     | 3.32 | ng/ul  | 99        |
| 7) Acenaphthylene           | 14.04 | 152  | 2544     | 0.43 | ng/ul  | 95        |

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

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