

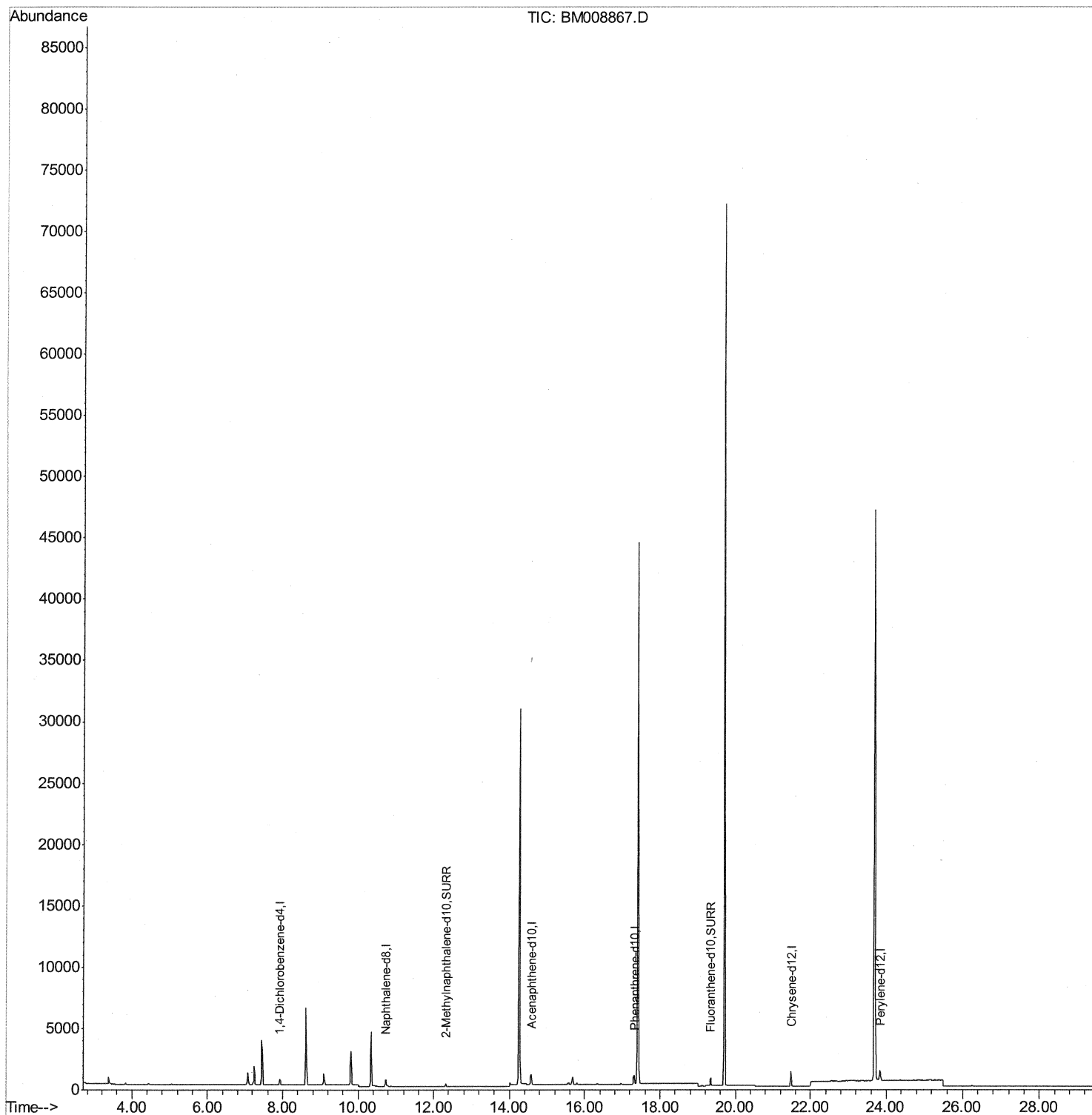
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM012517\  
Data File : BM008867.D  
Acq On : 25 Jan 2017 18:03  
Operator : SJ/MA  
Sample : I1323-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA9P5

Manual Integrations  
APPROVED

mohammad  
1/26/2017 5:10:18 PM

Quant Time: Jan 25 18:46:36 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM010917.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 25 16:35:23 2017  
Response via : Initial Calibration



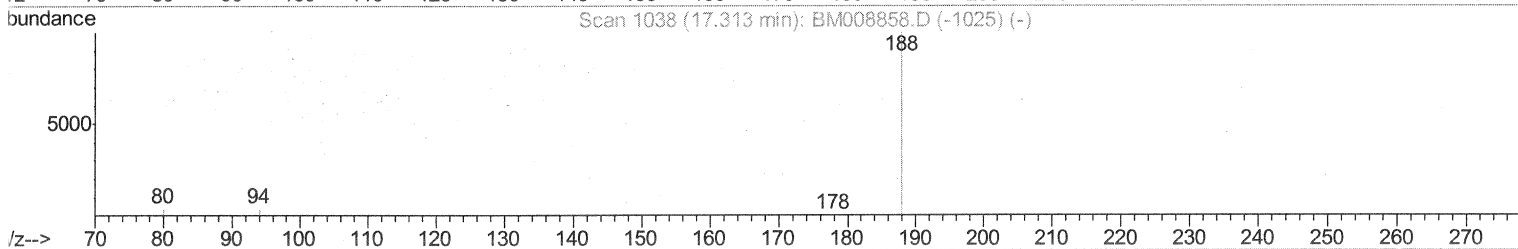
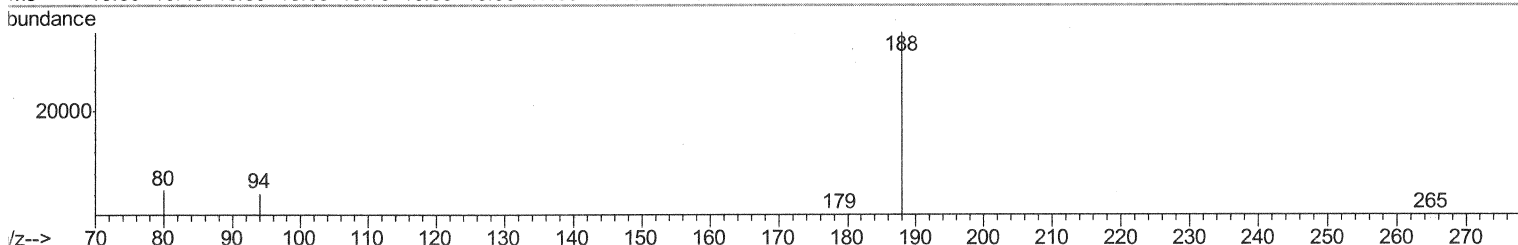
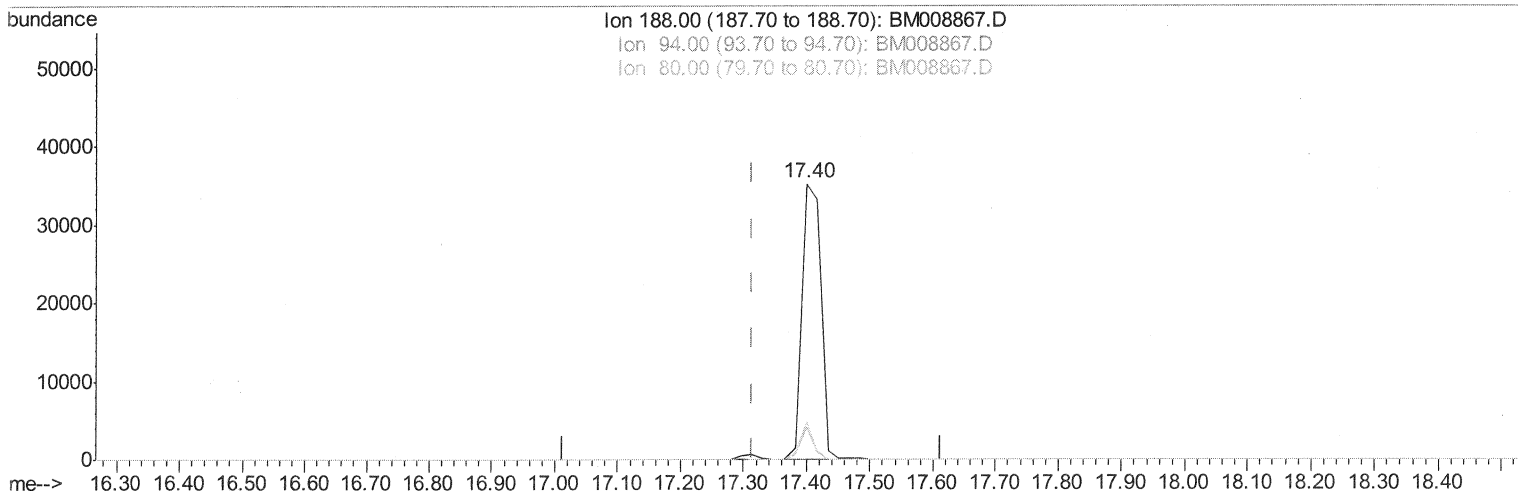
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Quant Time: Jan 25 18:41:03 2017  
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TIC: BM008867.D

(10) Phenanthrene-d10 (I)

17.399min (+0.086) 0.40ng/ul

response 73479

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 11.77 |
| 80.00  | 11.80 | 13.61 |
| 0.00   | 0.00  | 0.00  |

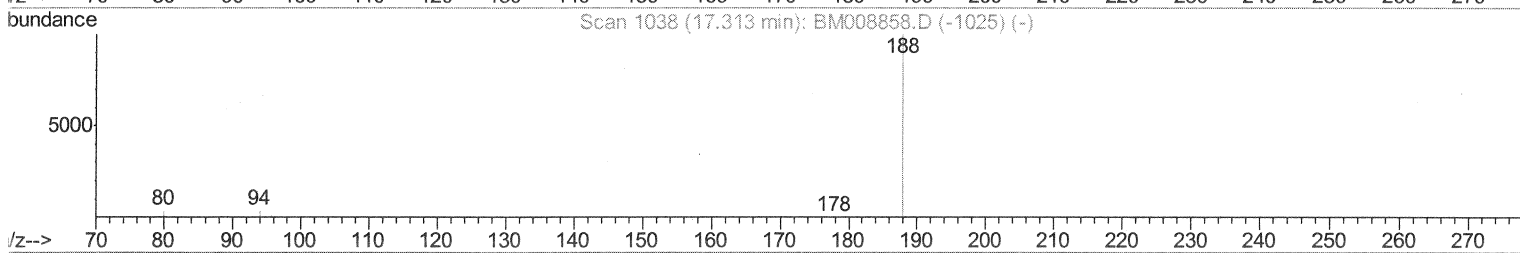
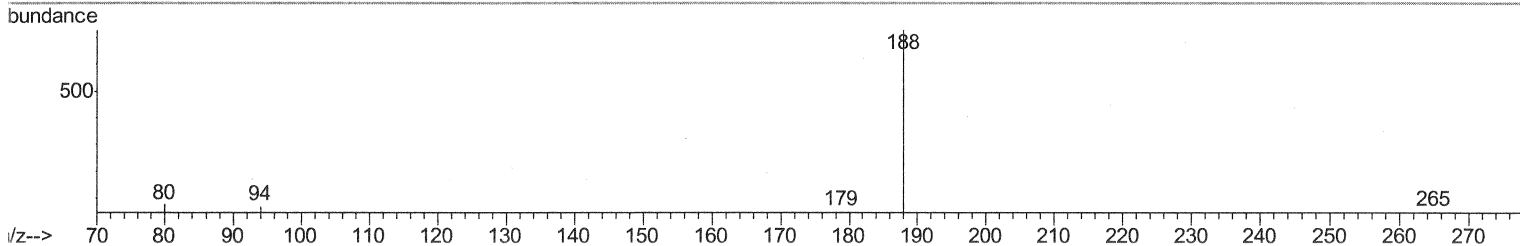
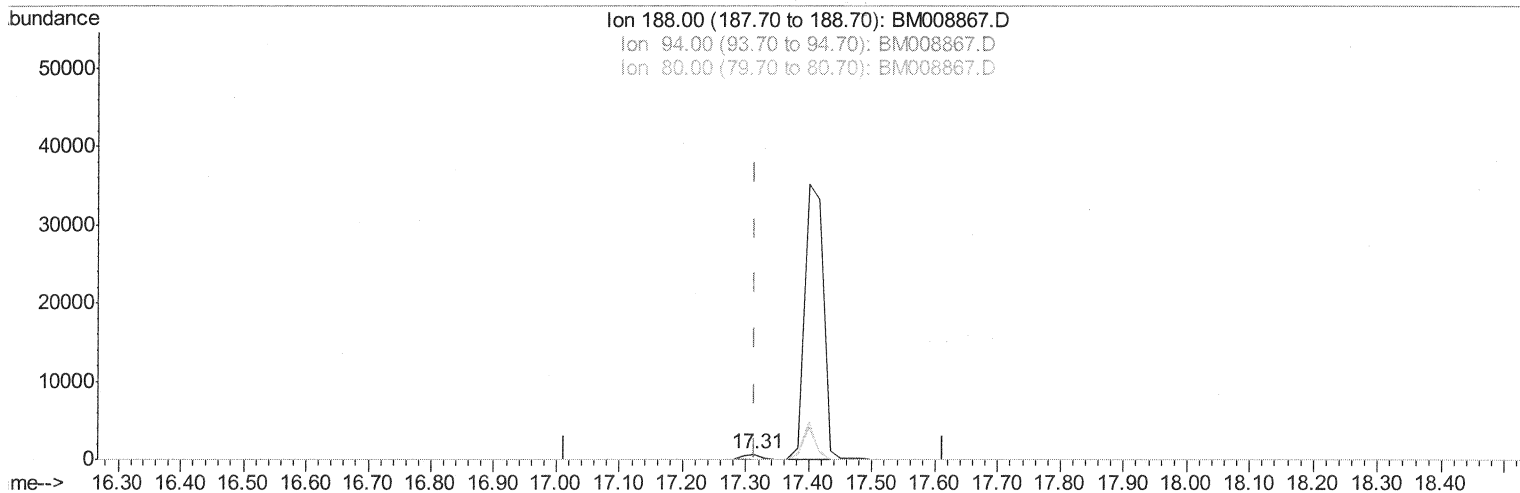
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TIC: BM008867.D

(10) Phenanthrene-d10 (I)

17.313min (+0.000) 0.40ng/ul m

57 1/27/17

response 1140

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 9.78  |
| 80.00  | 11.80 | 10.61 |
| 0.00   | 0.00  | 0.00  |

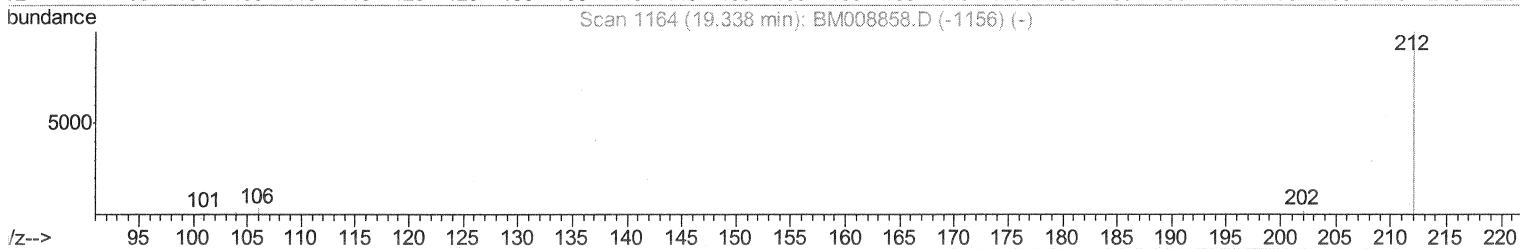
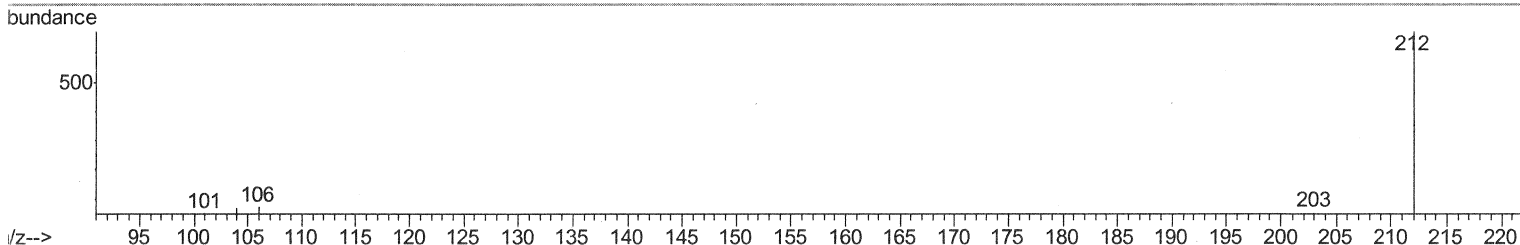
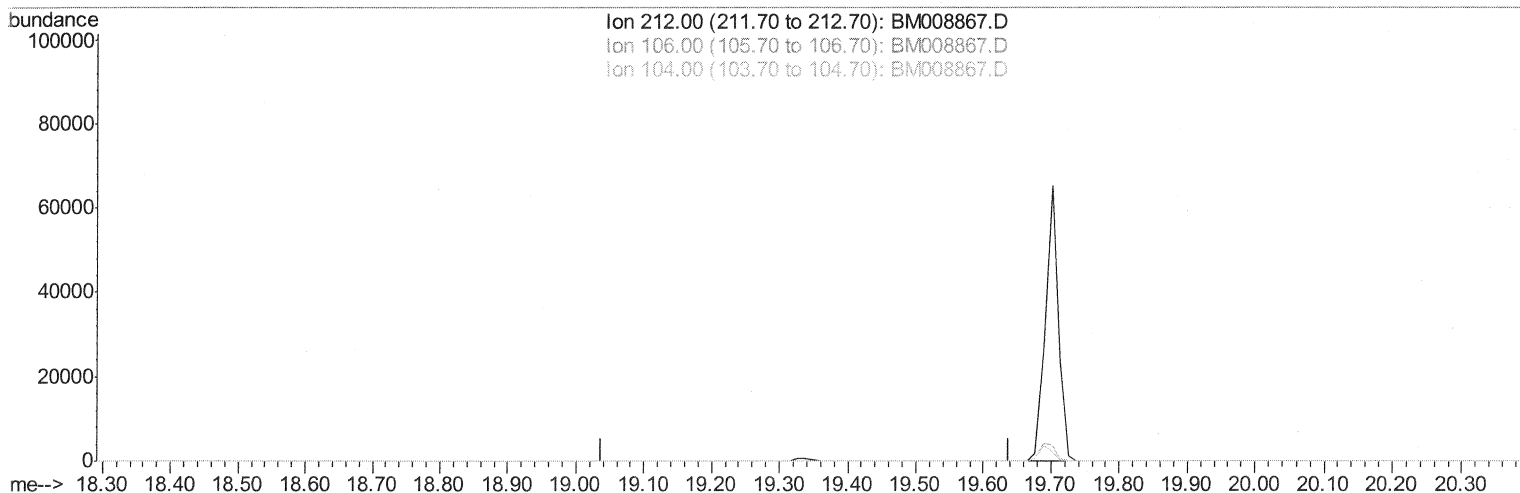
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA9P5

Manual Integrations  
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mohammad  
 1/26/2017 5:10:18 PM

Quant Time: Jan 25 18:43:15 2017  
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TIC: BM008867.D

(14) Fluoranthene-d10 (SURR)

19.338min (-19.338) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

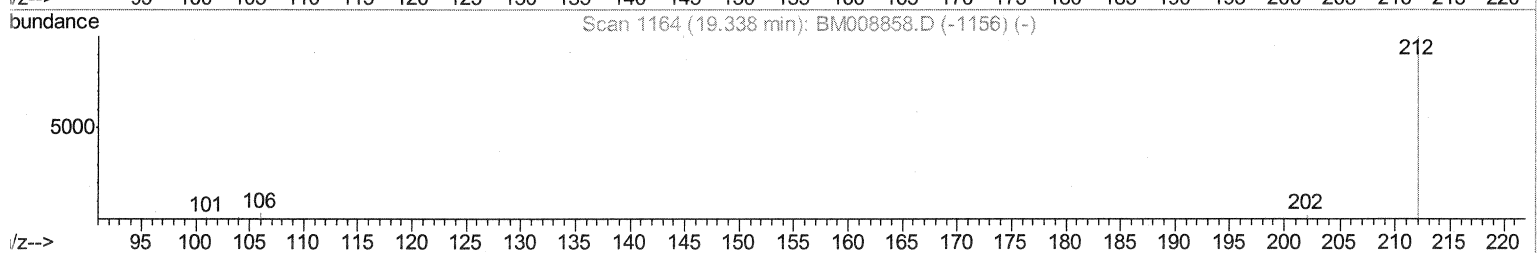
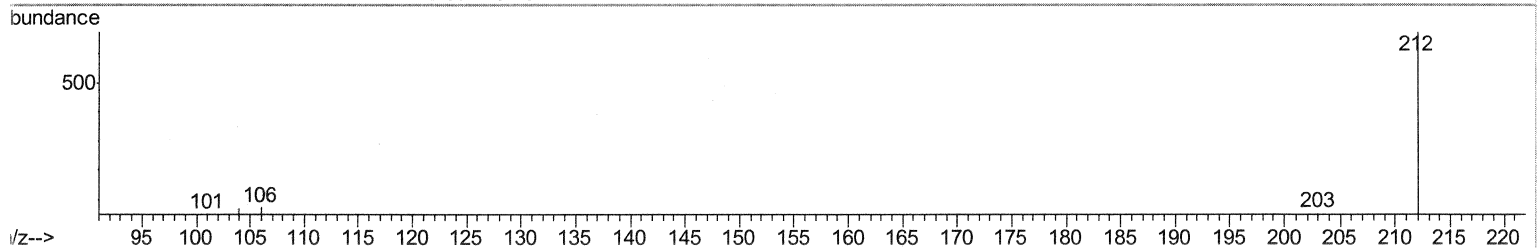
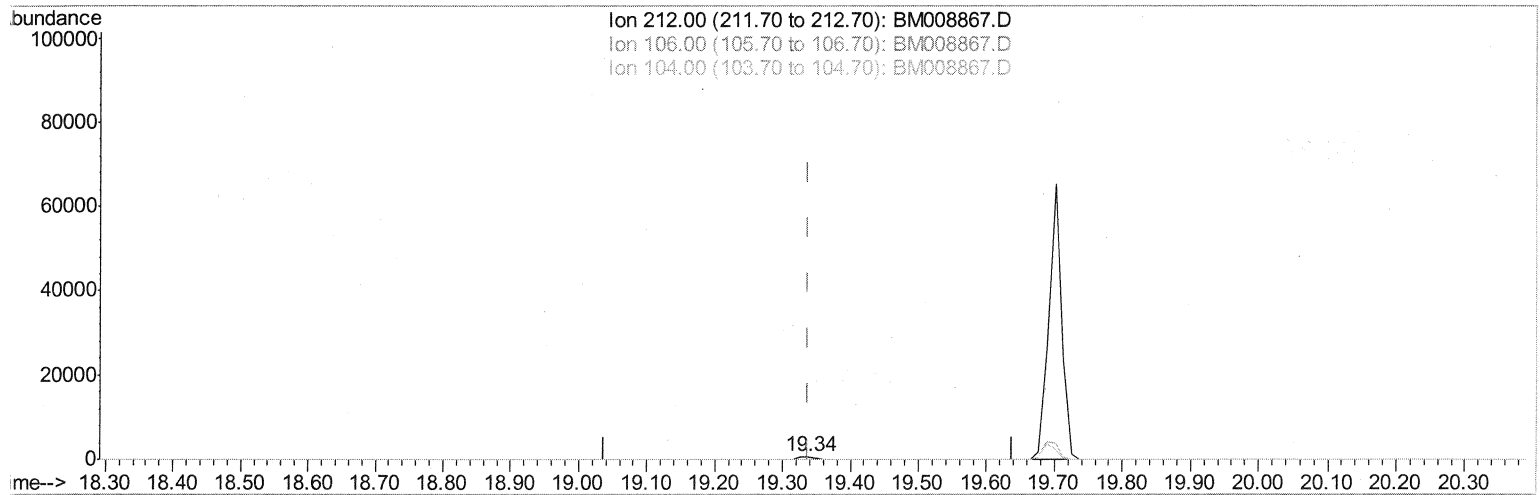
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Data File : BM008867.D  
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Sample : I1323-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA9P5

Manual Integrations  
APPROVED

mohammad  
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Quant Time: Jan 25 18:43:15 2017  
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TIC: BM008867.D

(14) Fluoranthene-d10 (SURR)

19.338min (+0.000) 0.27ng/ul m - SJ 1/27/17

response 922

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

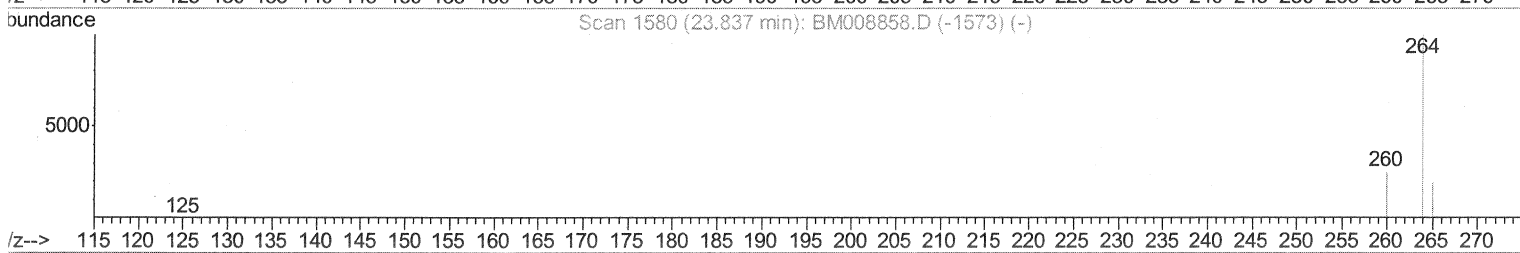
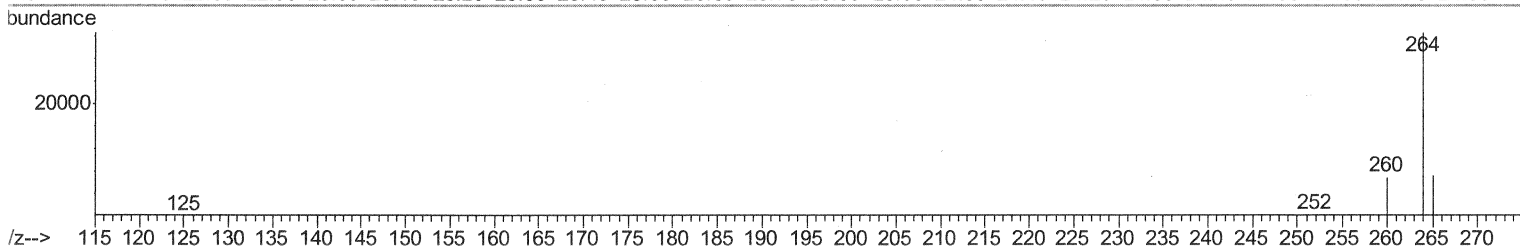
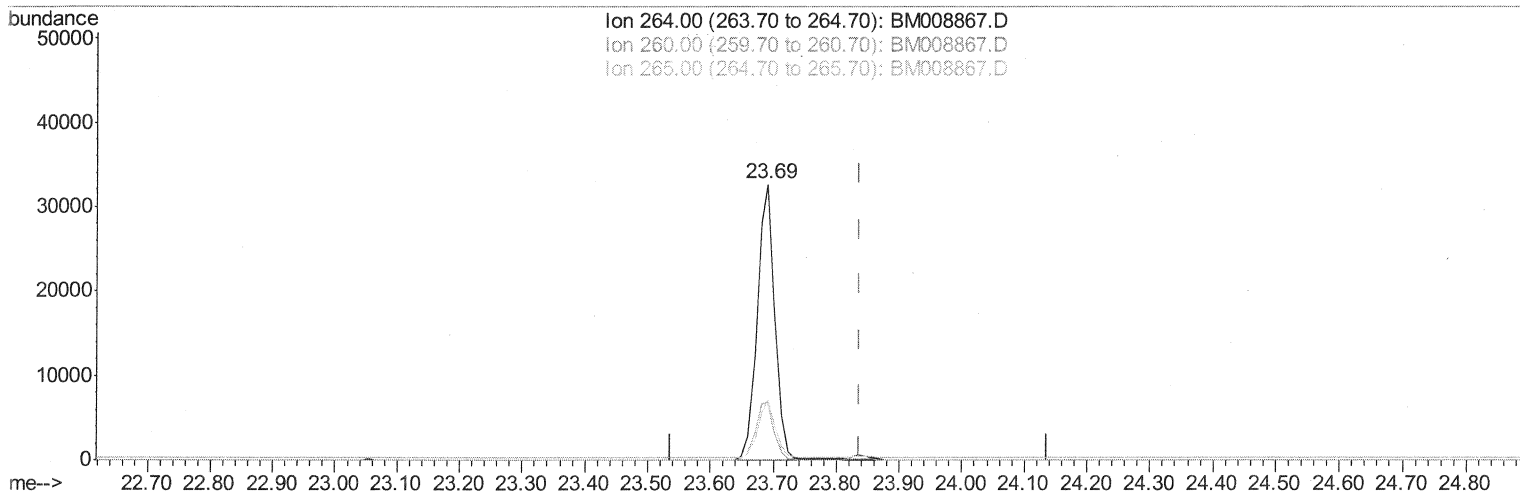
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 Data File : BM008867.D  
 Acq On : 25 Jan 2017 18:03  
 Operator : SJ/MA  
 Sample : I1323-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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TIC: BM008867.D

(20) Perylene-d12 (I)

23.691min (-0.146) 0.40ng/ul

response 62748

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.08# |
| 265.00 | 103.50 | 22.00# |
| 0.00   | 0.00   | 0.00   |

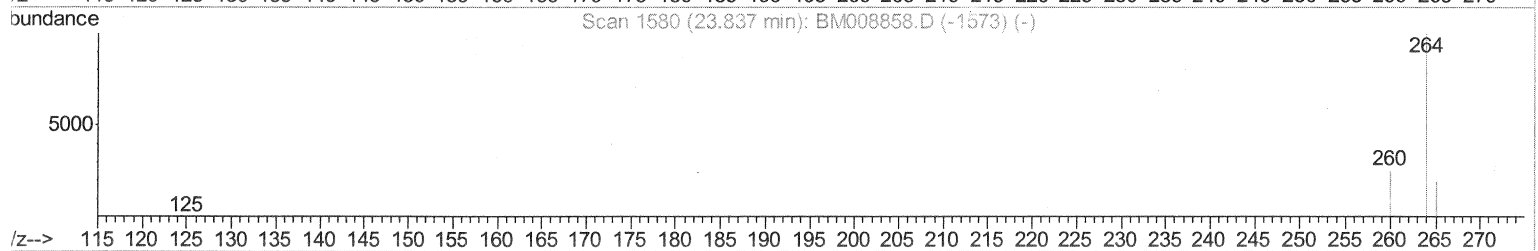
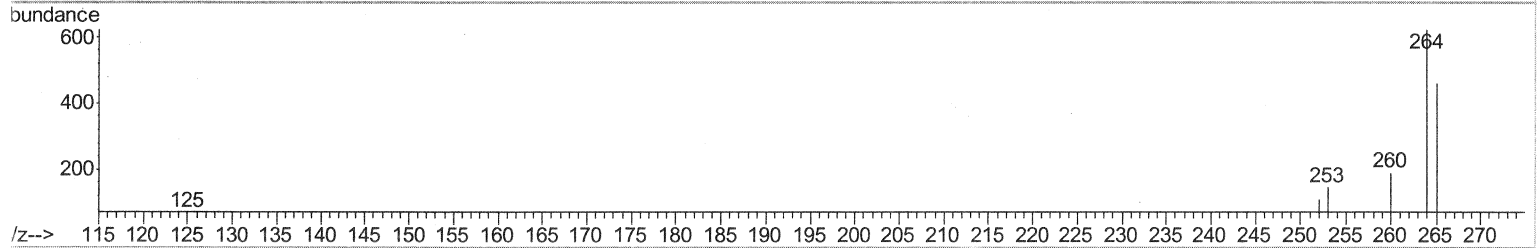
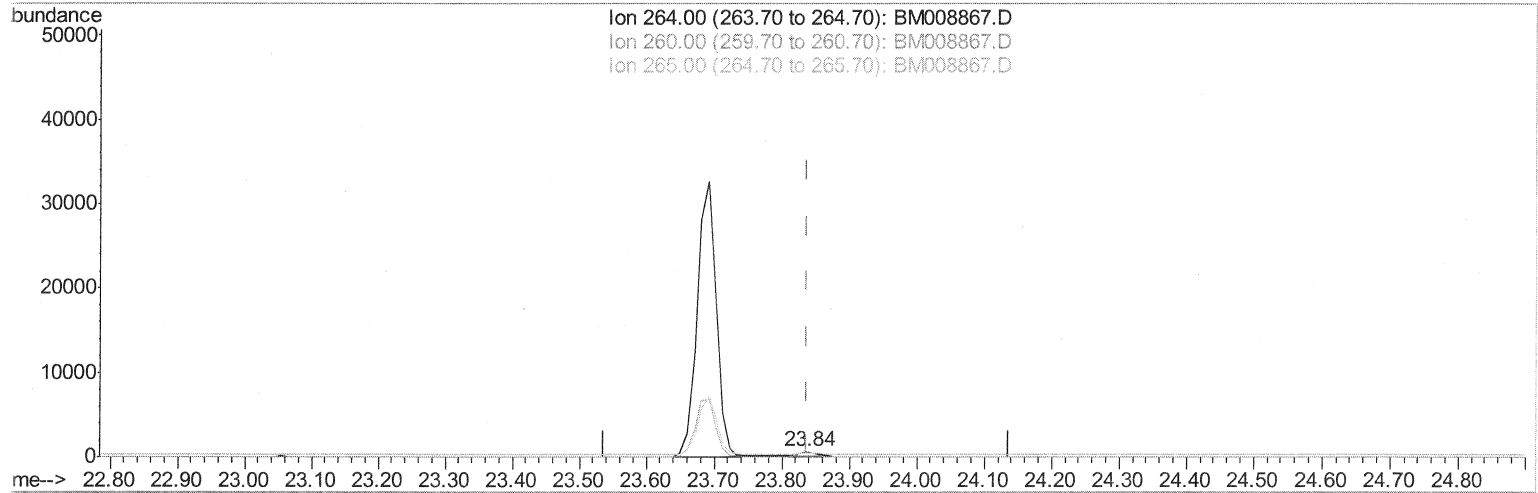
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Data File : BM008867.D  
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Operator : SJ/MA  
Sample : I1323-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA9P5

Manual Integrations  
APPROVED

mohammad  
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TIC: BM008867.D

(20) Perylene-d12 (I)

23.837min (+0.000) 0.40ng/ul m

SJ 1/27/17

response 1088

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 30.23  |
| 265.00 | 103.50 | 73.95# |
| 0.00   | 0.00   | 0.00   |

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 Operator : SJ/MA  
 Sample : I1323-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA9P5

Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 259      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.74 | 136  | 781      | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.57 | 164  | 599      | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.31 | 188  | 1140m    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.48 | 240  | 1216     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.84 | 264  | 1088m    | 0.40 | ng/ul | 0.00     |

SJ 1/27/17

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.32 | 152  | 341      | 0.26 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.34 | 212  | 922m     | 0.27 | ng/ul | 0.00     |

SJ 1/27/17

Target Compounds Qvalue

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