

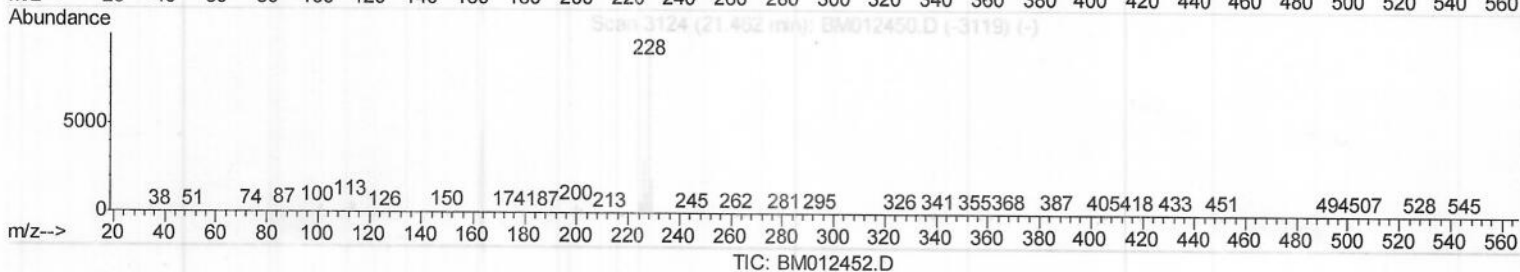
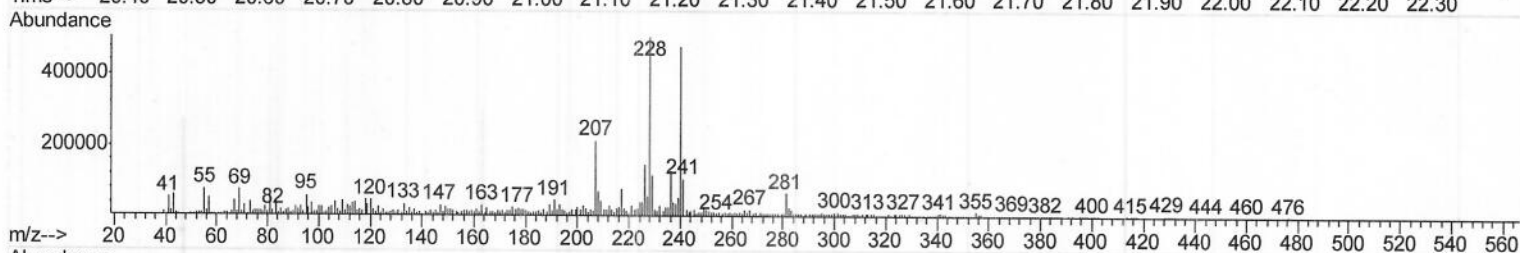
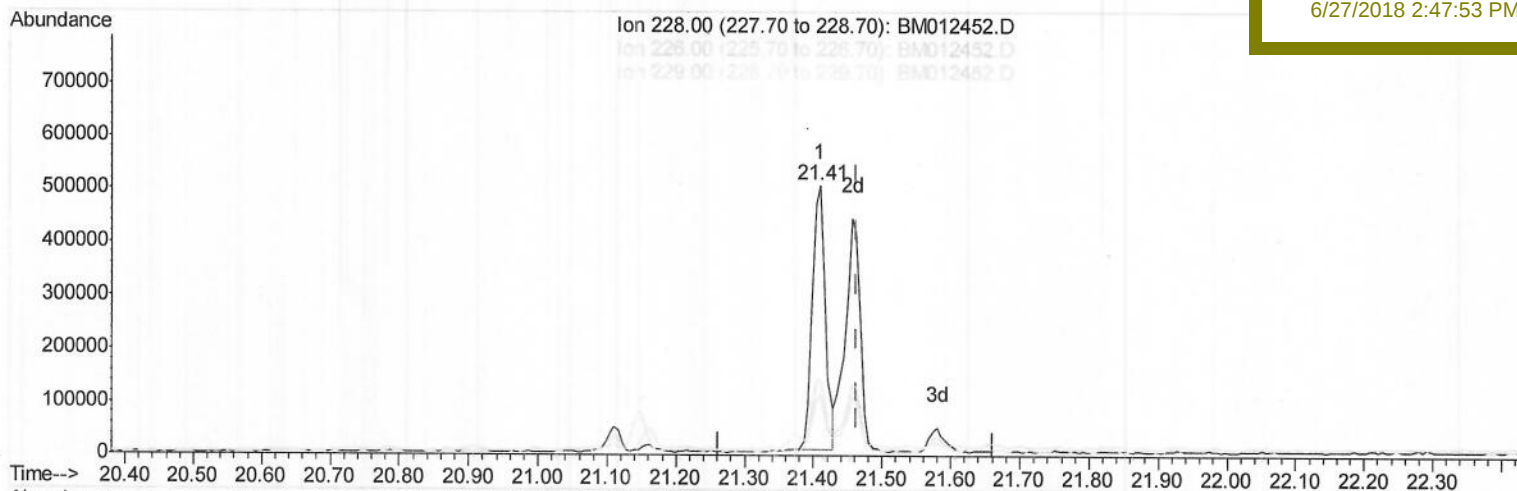
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012452.D  
Acq On : 25 Oct 2017 19:58  
Operator : SJ/JU  
Sample : I5719-06 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 26 06:11:10 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 05:23:19 2017  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
B-37(1-3)-100417

Manual Integrations  
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(82) Chrysene

21.410min (-0.053) 5.83ng/ul

response 662715

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.30 | 28.58 |
| 229.00 | 19.40 | 22.53 |
| 0.00   | 0.00  | 0.00  |

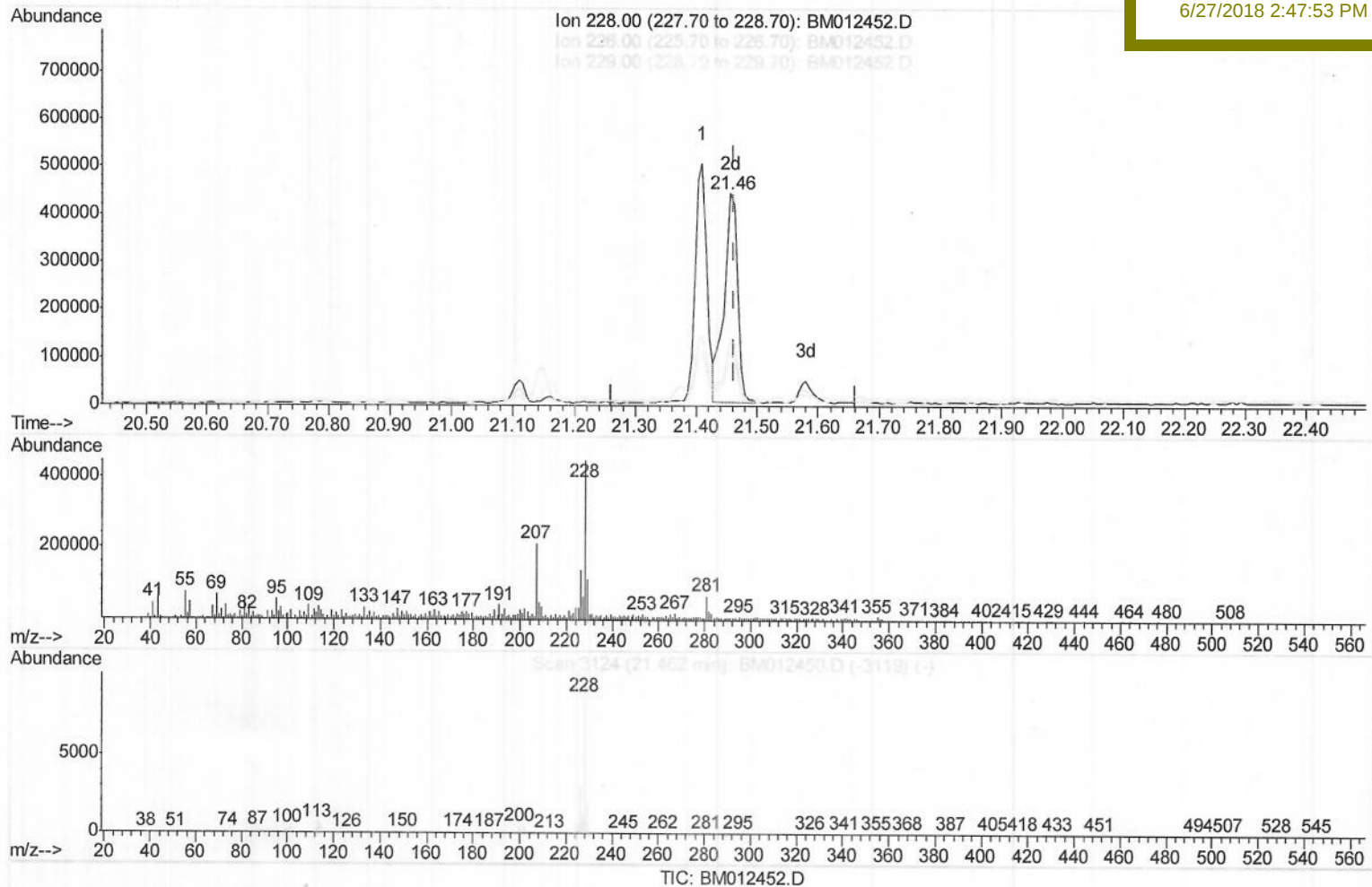
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012452.D  
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Instrument :  
BNA\_M  
ClientSampleId :  
B-37(1-3)-100417

Manual Integrations  
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(82) Chrysene

21.457min (-0.005) 5.88ng/ul m

JU 06/25/18

response 668601

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.30 | 30.91  |
| 229.00 | 19.40 | 25.11# |
| 0.00   | 0.00  | 0.00   |

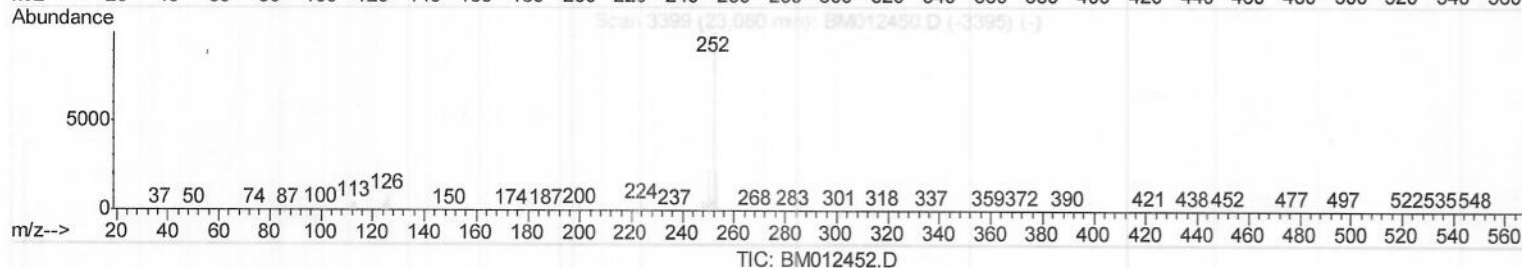
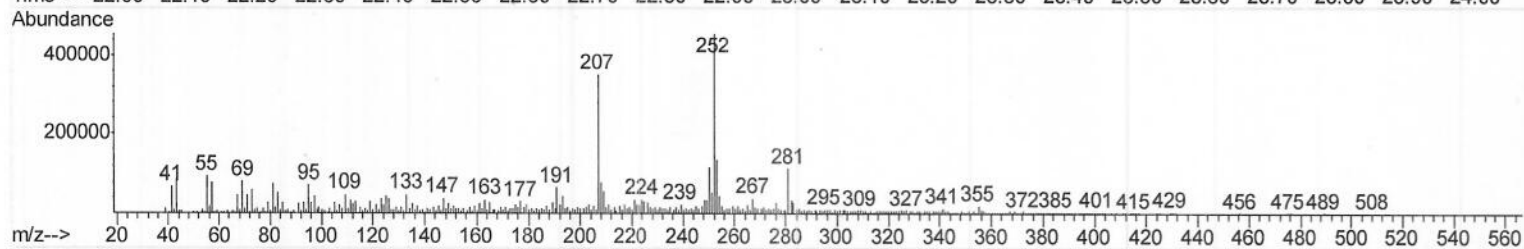
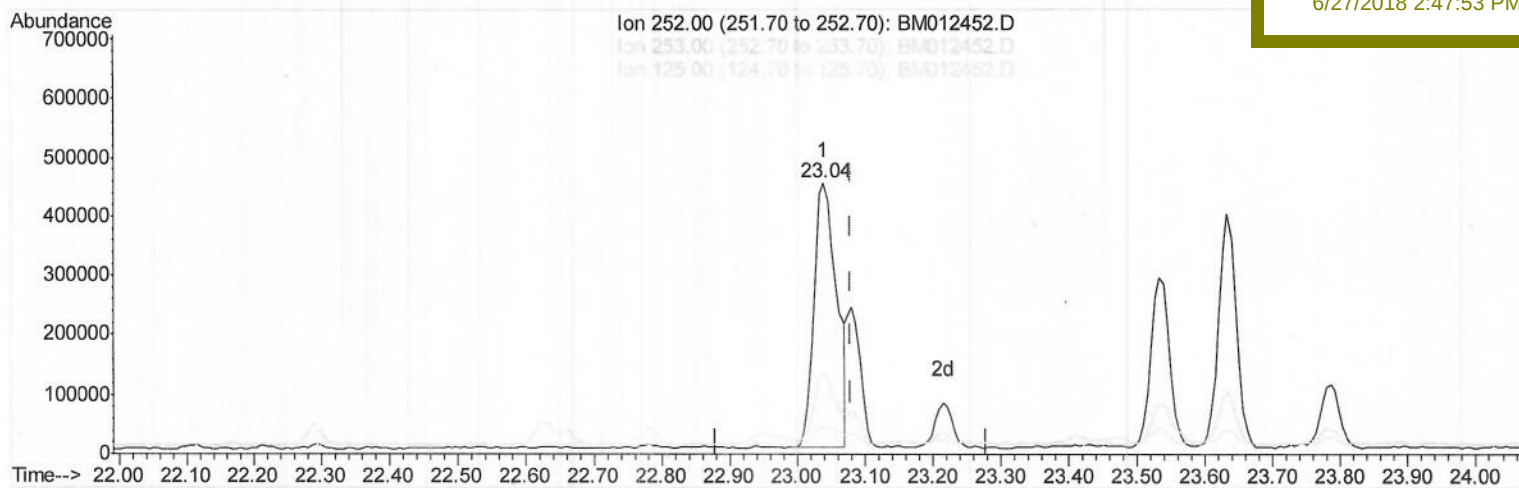
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012452.D  
Acq On : 25 Oct 2017 19:58  
Operator : SJ/JU  
Sample : I5719-06 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 26 06:11:10 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 05:23:19 2017  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
B-37(1-3)-100417

Manual Integrations  
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(86) Benzo(k)fluoranthene  
23.039min (-0.041) 7.15ng/ul  
response 1023507

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 29.58# |
| 125.00 | 4.30  | 9.80#  |
| 0.00   | 0.00  | 0.00   |

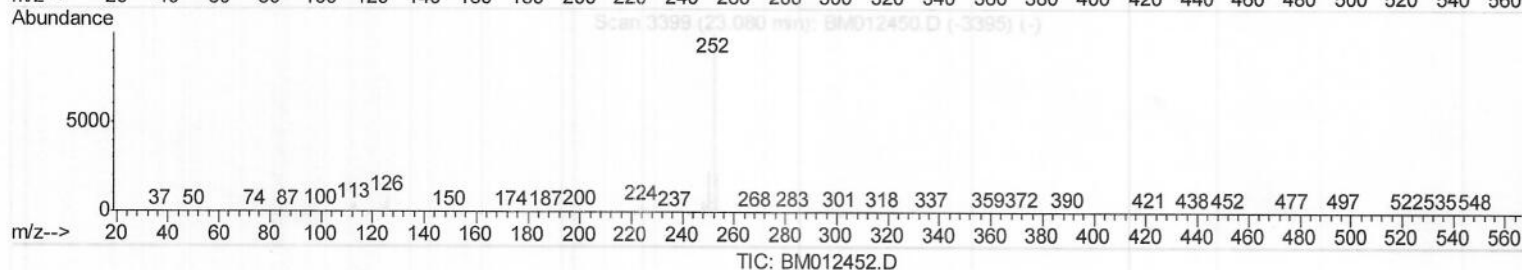
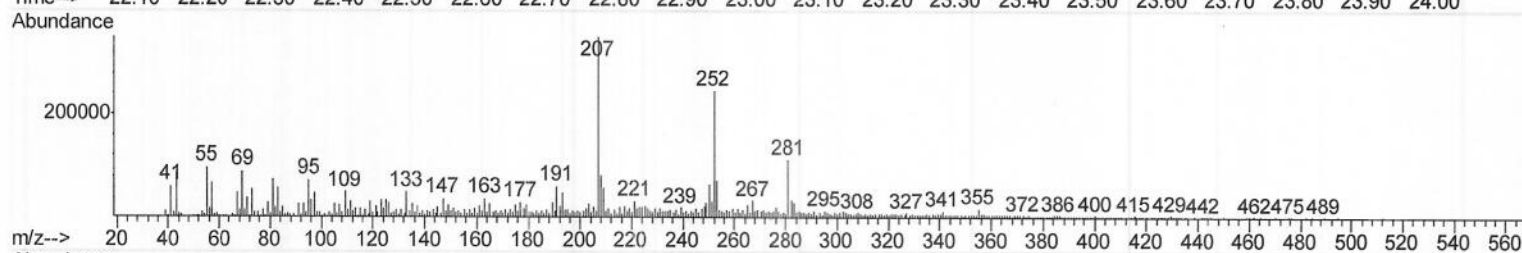
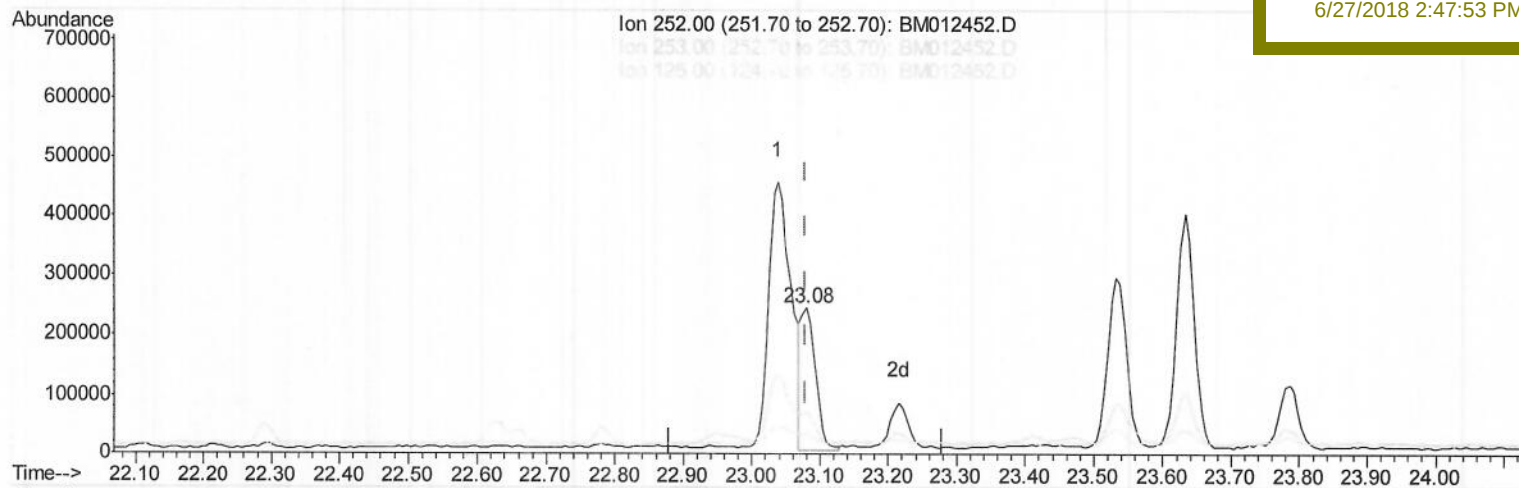
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012452.D  
Acq On : 25 Oct 2017 19:58  
Operator : SJ/JU  
Sample : I5719-06 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 26 06:11:10 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 05:23:19 2017  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
B-37(1-3)-100417

Manual Integrations  
APPROVED

Sohil  
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(86) Benzo(k)fluoranthene

23.080min (+0.000) 2.46ng/ul m

response 351949

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 29.14# |
| 125.00 | 4.30  | 14.16# |
| 0.00   | 0.00  | 0.00   |

JU 06/25/18

## Quantitation Report (Qedit)

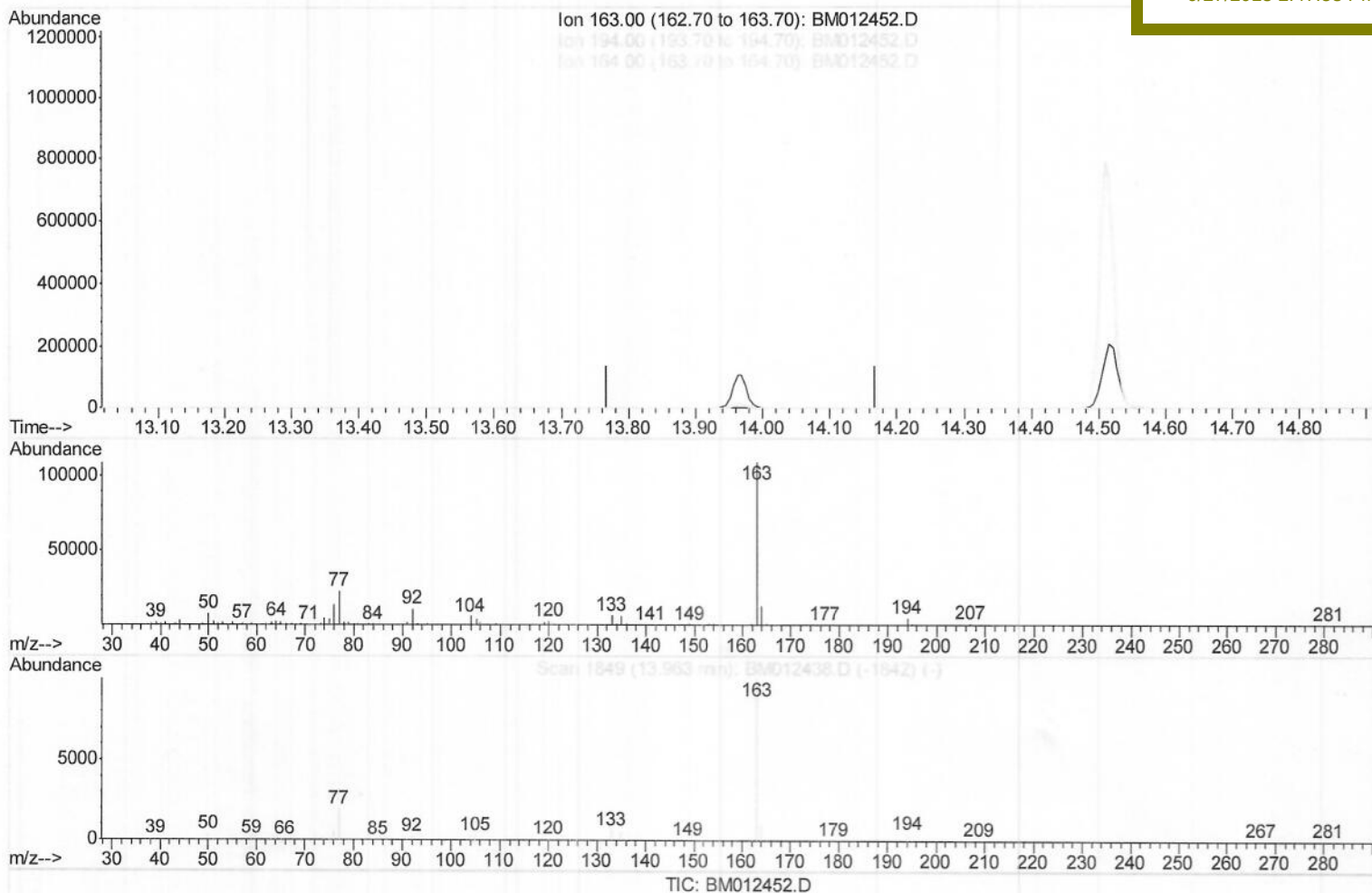
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\  
Data File : BM012452.D  
Acq On : 25 Oct 2017 19:58  
Operator : SJ/JU  
Sample : I5719-06 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 26 06:26:40 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 05:23:19 2017  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
B-37(1-3)-100417

Manual Integrations  
APPROVED

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(44) Dimethylphthalate

13.968min (-13.968) 0.00ng/ul d

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 163.00 | 100   | 0.00 |
| 194.00 | 4.40  | 0.00 |
| 164.00 | 10.30 | 0.00 |
| 0.00   | 0.00  | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\

Data File : BM012452.D

Acq On : 25 Oct 2017 19:58

Operator : SJ/JU

Sample : I5719-06 5X

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 26 06:26:40 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 26 05:23:19 2017

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

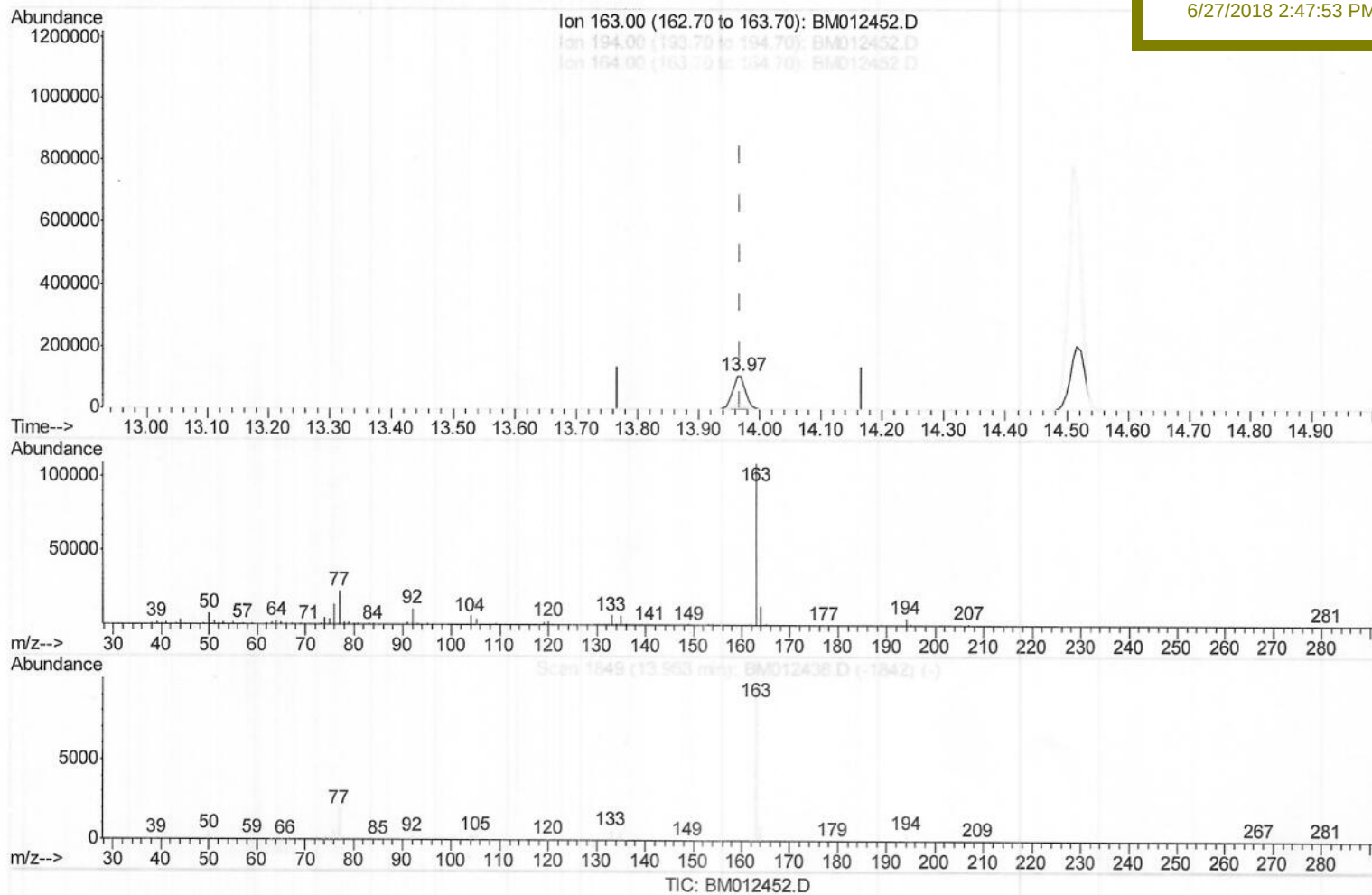
B-37(1-3)-100417

Manual Integrations

APPROVED

Sohil

6/27/2018 2:47:53 PM



(44) Dimethylphthalate

13.969min (+0.000) 1.58ng/ul m&gt; JU 06/25/18

response 156255

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 163.00 | 100   | 100   |
| 194.00 | 4.40  | 4.65  |
| 164.00 | 10.30 | 11.64 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\  
 Data File : BM012452.D  
 Acq On : 25 Oct 2017 19:58  
 Operator : SJ/JU  
 Sample : I5719-06 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-37(1-3)-100417

Quant Time: Jun 23 04:03:42 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 05:23:19 2017  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 572663   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 2224046  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 1146566  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.25 | 188  | 2109076  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 2136571  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 2460379  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.37  | 96  | 7242   | 0.65 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.05  | 99  | 142502 | 2.98 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 96176  | 3.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 115668 | 3.23 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.59  | 113 | 84720  | 2.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.04  | 128 | 59322  | 4.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 56304  | 3.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165 | 106217 | 2.79 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.81 | 131 | 21261  | 0.53 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 349472 | 3.49 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 404291 | 3.41 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 14977  | 1.01 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.50 | 176 | 276478 | 3.26 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 4570   | 0.45 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.35 | 188 | 360687 | 3.59 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.64 | 212 | 374509 | 3.82 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.59 | 264 | 423799 | 3.63 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        |        |        |
|----------------------------|-------|-----|---------|--------|--------|--------|
| 44) Dimethylphthalate      | 13.97 | 163 | 156255m | 1.577  | ng/ul  | Ovalue |
| 69) Phenanthrene           | 17.29 | 178 | 709370  | 6.220  | ng/ul  | 98     |
| 71) Anthracene             | 17.39 | 178 | 172329  | 1.462  | ng/ul  | 97     |
| 74) Fluoranthene           | 19.30 | 202 | 1353082 | 10.470 | ng/ul# | 95     |
| 77) Pyrene                 | 19.67 | 202 | 1177040 | 9.688  | ng/ul# | 95     |
| 80) Benzo(a)anthracene     | 21.41 | 228 | 662715  | 5.180  | ng/ul  | 95     |
| 82) Chrysene               | 21.46 | 228 | 668601m | 5.878  | ng/ul  |        |
| 85) Benzo(b)fluoranthene   | 23.04 | 252 | 1023507 | 6.730  | ng/ul# | 85     |
| 86) Benzo(k)fluoranthene   | 23.08 | 252 | 351949m | 2.459  | ng/ul  |        |
| 88) Benzo(a)pyrene         | 23.63 | 252 | 703159  | 4.849  | ng/ul# | 91     |
| 89) Indeno(1,2,3-cd)pyrene | 26.09 | 276 | 563967  | 3.304  | ng/ul# | 91     |
| 90) Dibenzo(a,h)anthracene | 26.09 | 278 | 153080  | 1.058  | ng/ul# | 57     |
| 91) Benzo(g,h,i)perylene   | 26.80 | 276 | 531855  | 3.845  | ng/ul# | 85     |

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

JU 06/25/18  
 JU 06/25/18

```
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BNA\_M  
**ClientSampleId :**  
B-37(1-3)-100417

## Manual Integrations APPROVED

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