

# Quantitation Report (Qedit)

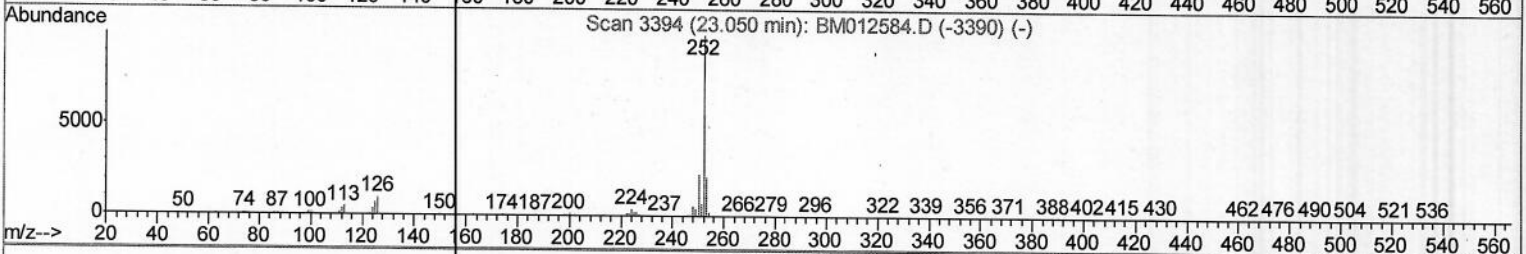
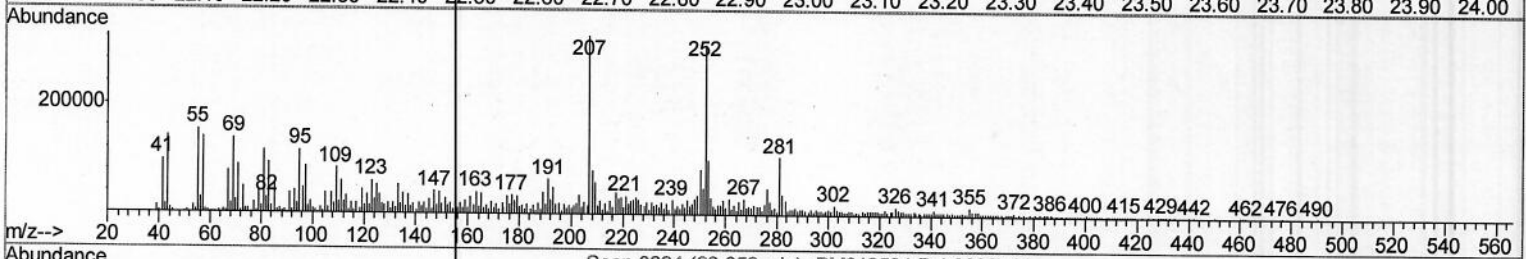
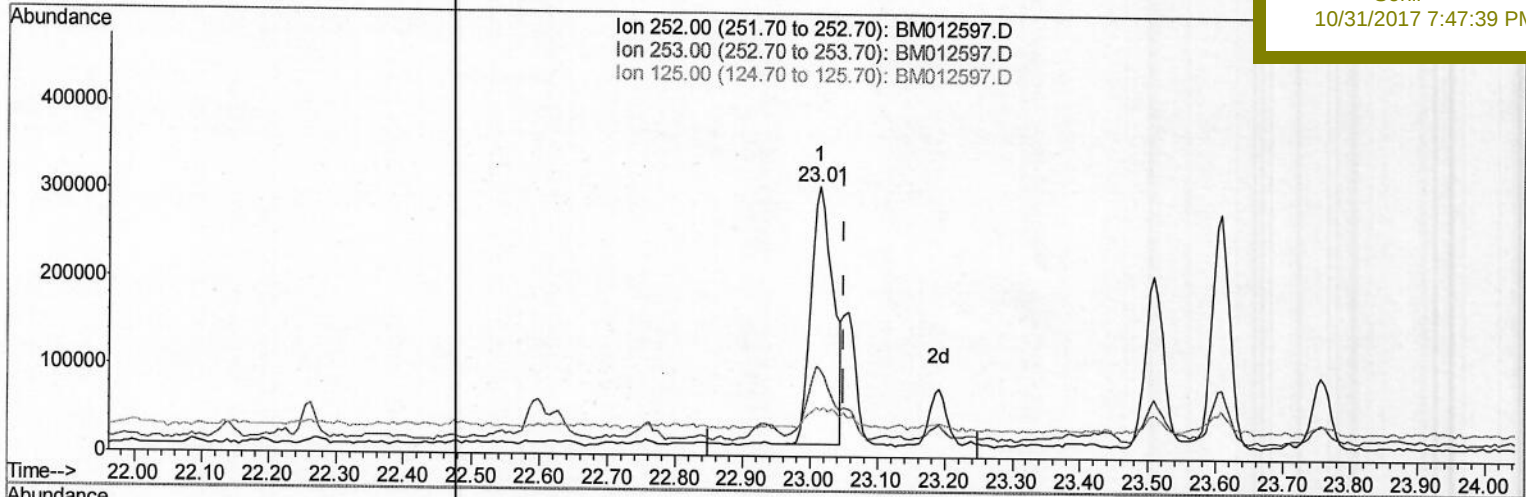
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\  
 Data File : BM012597.D  
 Acq On : 31 Oct 2017 05:22  
 Operator : SJ/JU  
 Sample : I5786-06  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 31 08:46:06 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 31 04:46:13 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampled :  
 B-8(5-6.25) 101017

Manual Integrations  
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TIC: BM012597.D

(86) Benzo(k)fluoranthene  
 23.015min (-0.035) 4.06ng/ul  
 response 678262  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 32.28# |
| 125.00 | 4.30  | 17.40# |
| 0.00   | 0.00  | 0.00   |

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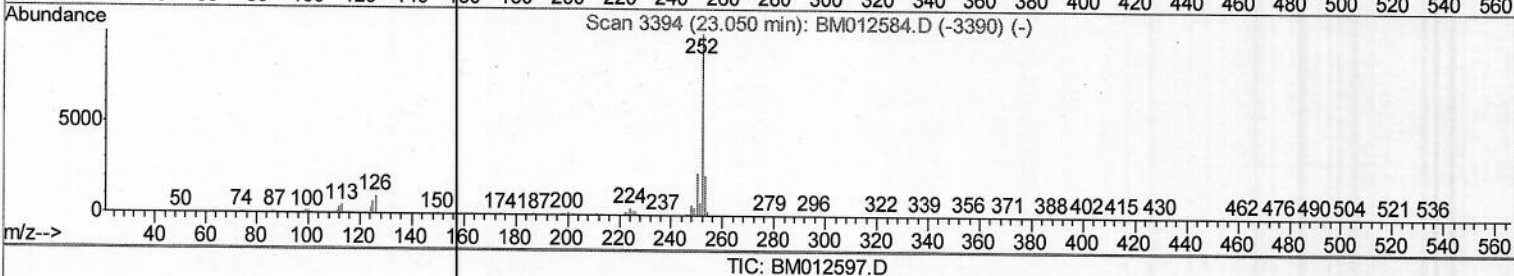
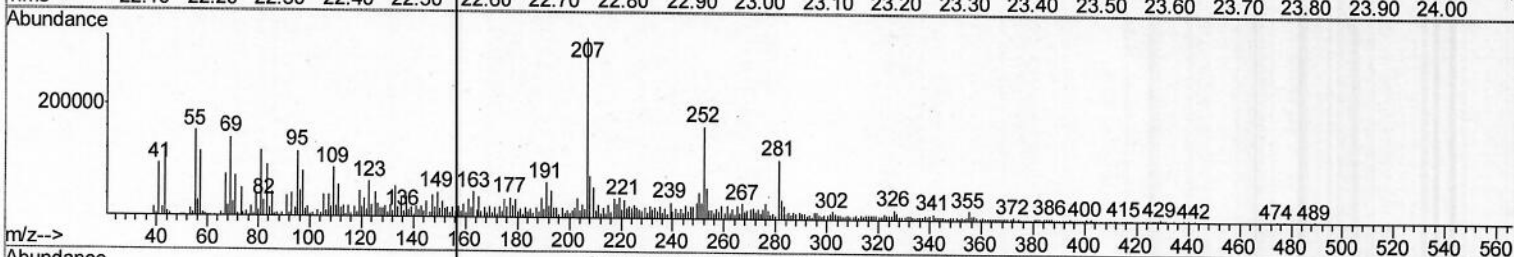
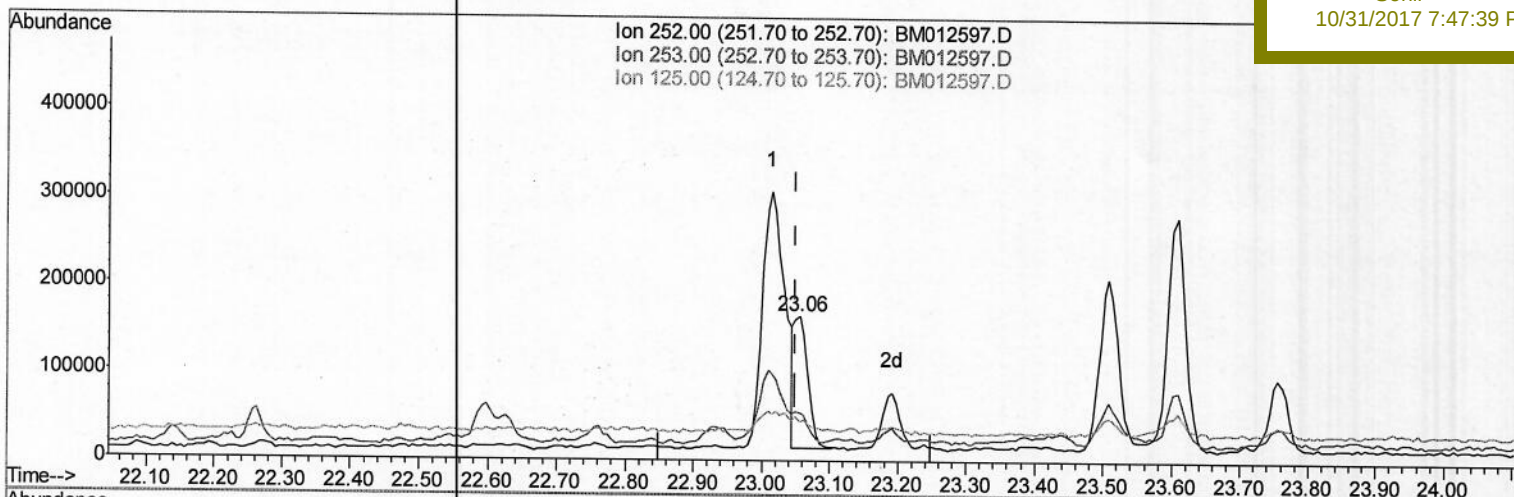
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(86) Benzo(k)fluoranthene

23.056min (+0.006) 1.24ng/ul m > SJ11/02117

response 207387

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 32.87# |
| 125.00 | 4.30  | 27.18# |
| 0.00   | 0.00  | 0.00   |

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Instrument :

BNA\_M

Client Sampled :

B-8(5-6.25) 101017

Quant Time: Oct 31 09:06:56 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 31 04:46:13 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 | 7.86  | 152  | 414684   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.65 | 136  | 1600944  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.49 | 164  | 944912   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.23 | 188  | 2140727  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 2556542  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.71 | 264  | 2871056  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.35  | 96  | 45655   | 5.62  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 896780  | 25.88 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.19  | 67  | 541968  | 26.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.39  | 132 | 724316  | 27.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.56  | 113 | 639835  | 21.61 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.01  | 128 | 354443  | 35.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.73  | 143 | 401792  | 38.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.27 | 165 | 761896  | 27.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.79 | 131 | 400474  | 13.88 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.90 | 166 | 2240029 | 27.14 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.18 | 160 | 2785157 | 28.53 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 351224  | 28.62 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.48 | 176 | 1992804 | 28.52 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 194120  | 18.74 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.33 | 188 | 3024698 | 29.65 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 3493136 | 29.78 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.56 | 264 | 4082635 | 29.93 | ng/ul | 0.01 |

## Target Compounds

|                                |       |     |           |             | Ovalue |
|--------------------------------|-------|-----|-----------|-------------|--------|
| 6) Phenol                      | 7.06  | 94  | 162204    | 4.50 ng/ul# | 82     |
| 44) Dimethylphthalate          | 13.94 | 163 | 187145    | 2.29 ng/ul  | 99     |
| 69) Phenanthrene               | 17.27 | 178 | 572274    | 4.94 ng/ul  | 99     |
| 74) Fluoranthene               | 19.29 | 202 | 852555    | 6.50 ng/ul# | 91     |
| 77) Pyrene                     | 19.64 | 202 | 803956    | 5.53 ng/ul# | 91     |
| 80) Benzo(a)anthracene         | 21.39 | 228 | 452747    | 2.96 ng/ul# | 88     |
| 81) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 182337    | 2.09 ng/ul# | 92     |
| 82) Chrysene                   | 21.44 | 228 | 469984    | 3.45 ng/ul# | 90     |
| 85) Benzo(b)fluoranthene       | 23.01 | 252 | 678262    | 3.82 ng/ul# | 76     |
| 86) Benzo(k)fluoranthene       | 23.06 | 252 | 207387m ) | 1.24 ng/ul  |        |
| 88) Benzo(a)pyrene             | 23.61 | 252 | 490109    | 2.90 ng/ul# | 82     |
| 89) Indeno(1,2,3-cd)pyrene     | 26.04 | 276 | 383015    | 1.92 ng/ul# | 87     |
| 91) Benzo(g,h,i)perylene       | 26.77 | 276 | 338018    | 2.09 ng/ul# | 78     |

&gt; 5511/02117

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

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