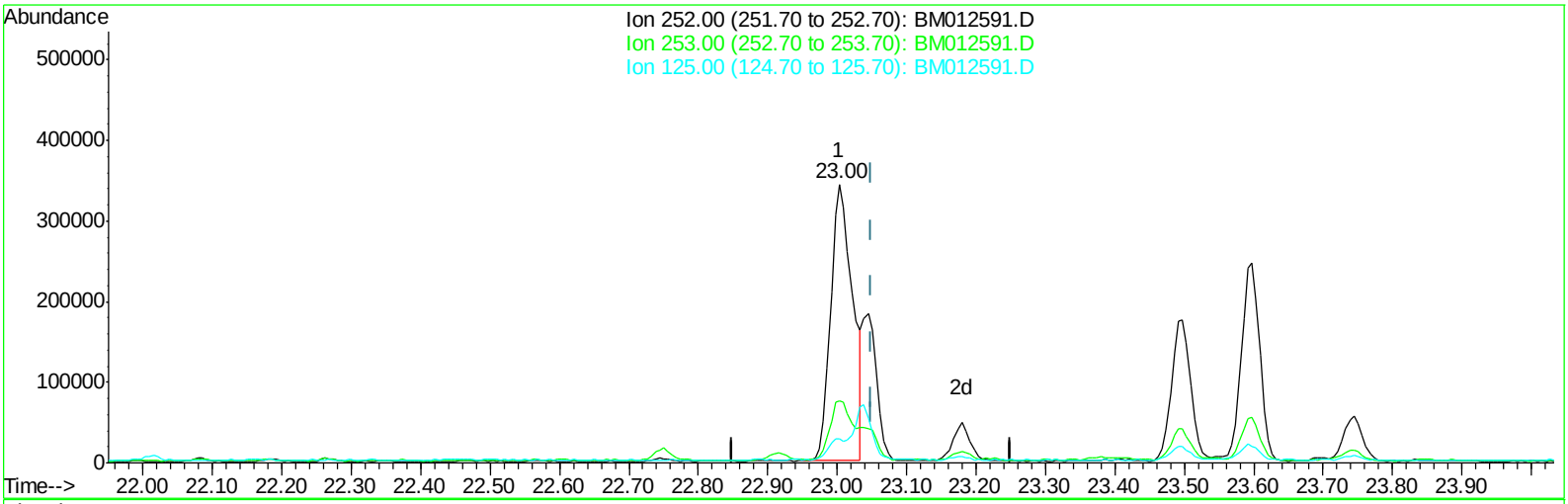
Quantitation Report (Qedit)

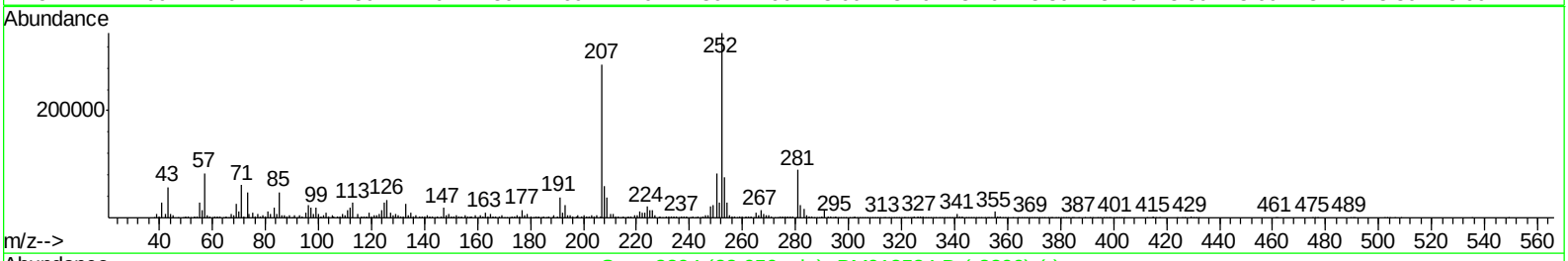
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012591.D
Acq On : 31 Oct 2017 01:48
Operator : SJ/JU
Sample : I5886-09MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

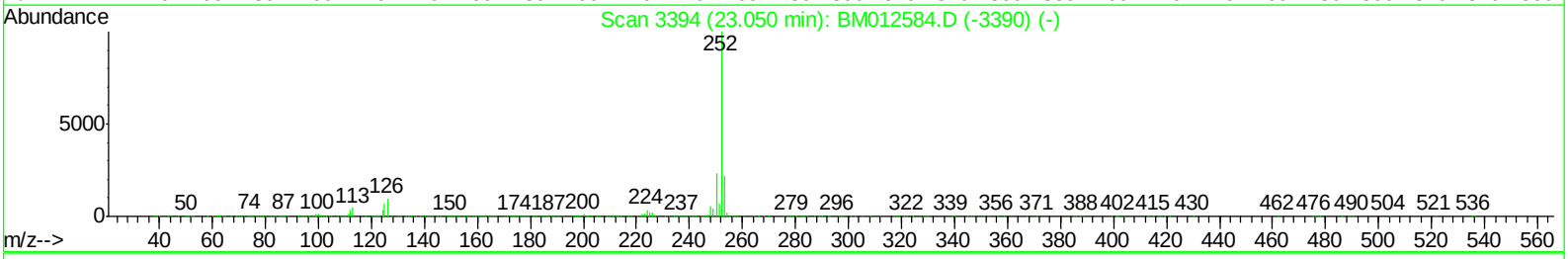
Quant Time: Oct 31 04:52:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
ESNE7MSD

**Manual Integrations APPROVED**
Sohil
10/31/2017 7:47:27 PM




TIC: BM012591.D

(86) Benzo(k)fluoranthene

23.003min (-0.047) 5.77ng/ul

response 762050

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 22.32 |
| 125.00 | 4.30 | 8.65# |
| 0.00 | 0.00 | 0.00 |

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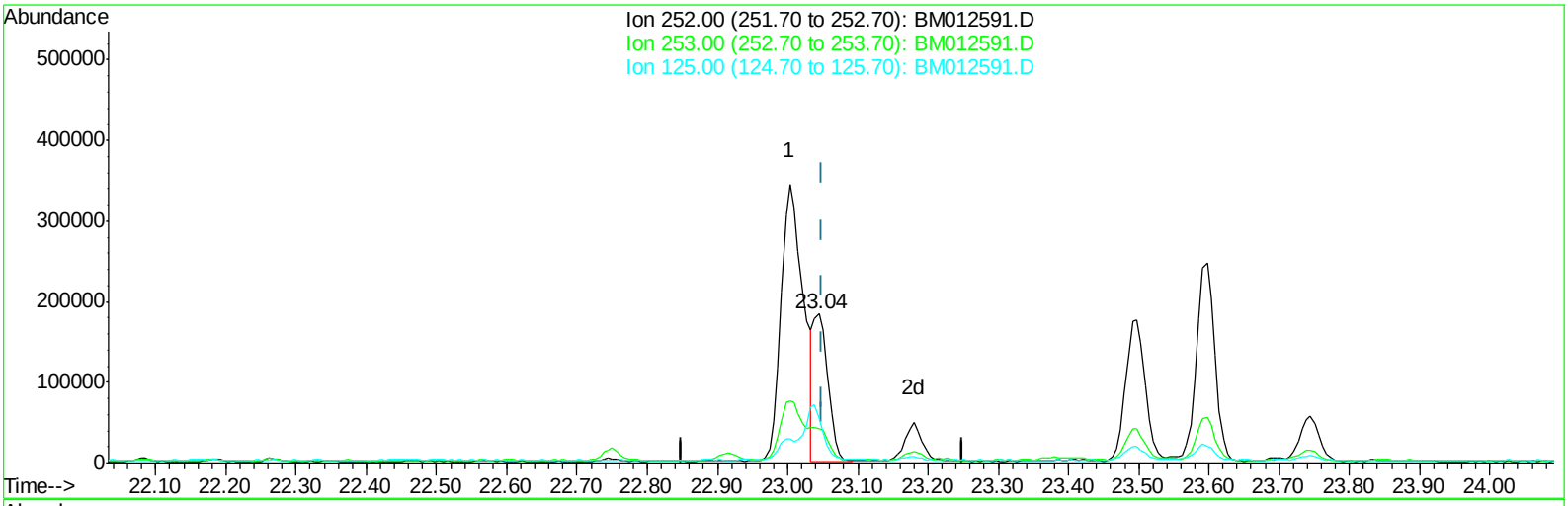


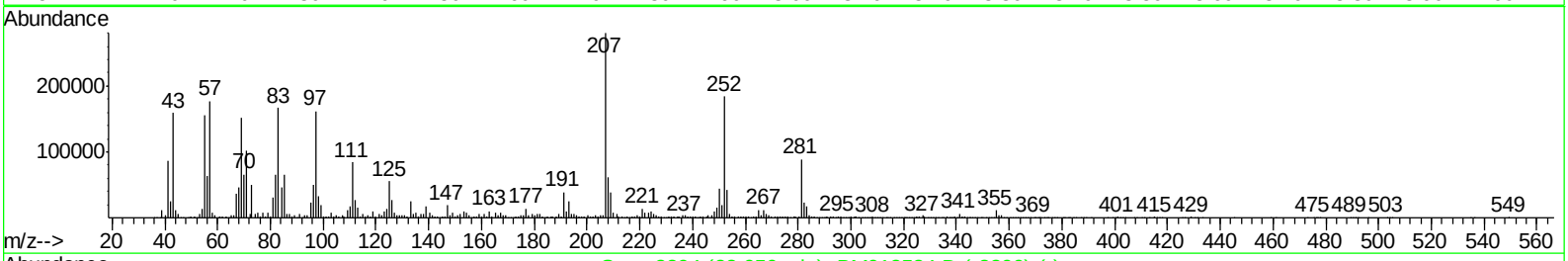


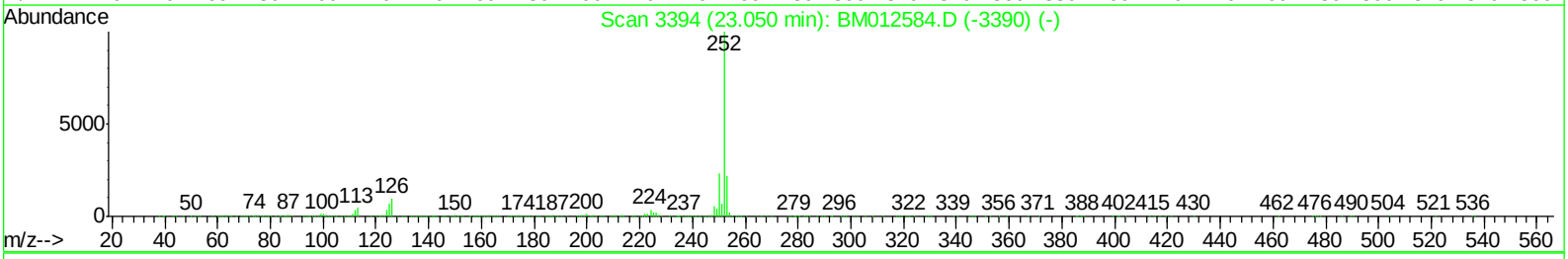


TIC: BM012591.D

(86) Benzo(k)fluoranthene

23.044min (-0.006) 1.96ng/ul m

response 258268

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 23.39 |
| 125.00 | 4.30 | 29.97# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Sample : I5886-09MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ESNE7MSD

**Manual Integrations APPROVED**
Sohil
10/31/2017 7:47:27 PM

Quant Time: Oct 31 05:16:51 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

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 352247 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.65 | 136 | 1296417 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.49 | 164 | 734181 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.23 | 188 | 1659904 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.40 | 240 | 1982718 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.69 | 264 | 2269132 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.35 | 96 | 41479 | 6.01 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.02 | 99 | 761789 | 25.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.19 | 67 | 465375 | 26.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.39 | 132 | 622579 | 28.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.56 | 113 | 606411 | 24.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.01 | 128 | 292110 | 35.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.73 | 143 | 325479 | 38.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.27 | 165 | 621593 | 28.05 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.78 | 131 | 384467 | 16.46 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.89 | 166 | 1765333 | 27.52 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.18 | 160 | 2213506 | 29.18 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.69 | 143 | 264045 | 27.69 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.47 | 176 | 1539975 | 28.37 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 246613 | 30.70 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.33 | 188 | 2292155 | 28.98 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.62 | 212 | 2593590 | 28.51 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.55 | 264 | 2956722 | 27.43 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.05 | 94 | 892133 | 29.12 | ng/ul# | 81 |
| 10) 2-Chlorophenol | 7.42 | 128 | 623684 | 27.65 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.66 | 70 | 418053 | 19.39 | ng/ul# | 62 |
| 33) 4-Chloro-3-methylphenol | 11.93 | 107 | 620359 | 25.54 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.94 | 163 | 110486 | 1.74 | ng/ul# | 99 |
| 49) Acenaphthene | 14.55 | 153 | 1240688 | 25.02 | ng/ul | 99 |
| 52) 4-Nitrophenol | 14.70 | 109 | 244311 | 25.26 | ng/ul# | 81 |
| 54) 2,4-Dinitrotoluene | 14.85 | 165 | 432555 | 28.65 | ng/ul# | 78 |
| 68) Pentachlorophenol | 16.88 | 266 | 384359 | 31.95 | ng/ul | 96 |
| 69) Phenanthrene | 17.27 | 178 | 352345 | 3.93 | ng/ul | 100 |
| 74) Fluoranthene | 19.28 | 202 | 884316 | 8.69 | ng/ul# | 91 |
| 77) Pyrene | 19.64 | 202 | 3570808 | 31.67 | ng/ul# | 92 |
| 80) Benzo(a)anthracene | 21.38 | 228 | 400401 | 3.37 | ng/ul | 97 |
| 82) Chrysene | 21.43 | 228 | 488975 | 4.63 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 23.00 | 252 | 762050 | 5.43 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 23.04 | 252 | 258268m | 1.96 | ng/ul | |
| 88) Benzo(a)pyrene | 23.60 | 252 | 447263 | 3.34 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 26.02 | 276 | 400498 | 2.54 | ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 26.74 | 276 | 314850 | 2.47 | ng/ul# | 95 |

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

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