

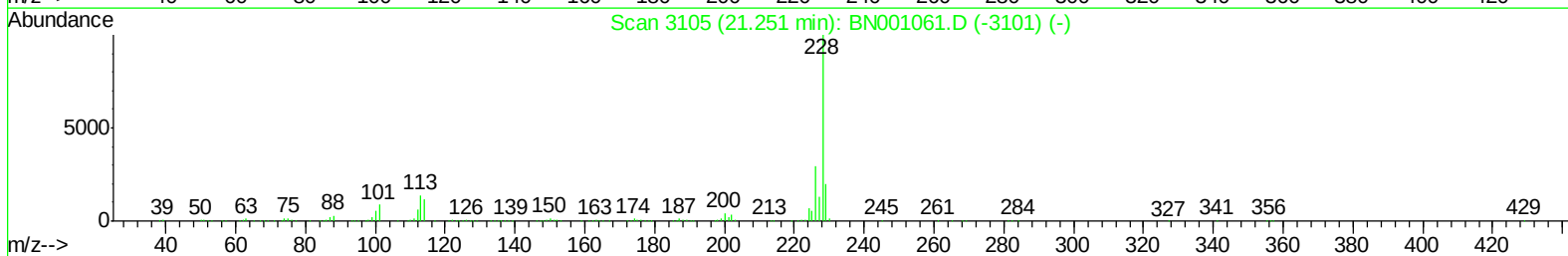
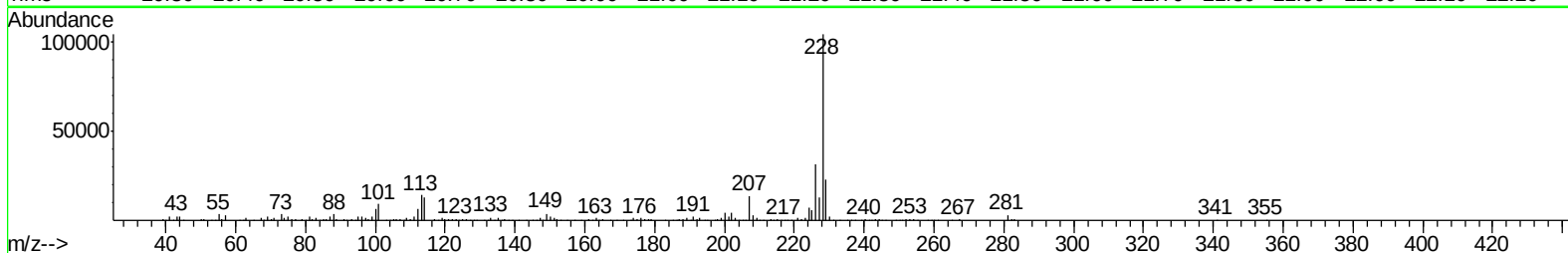
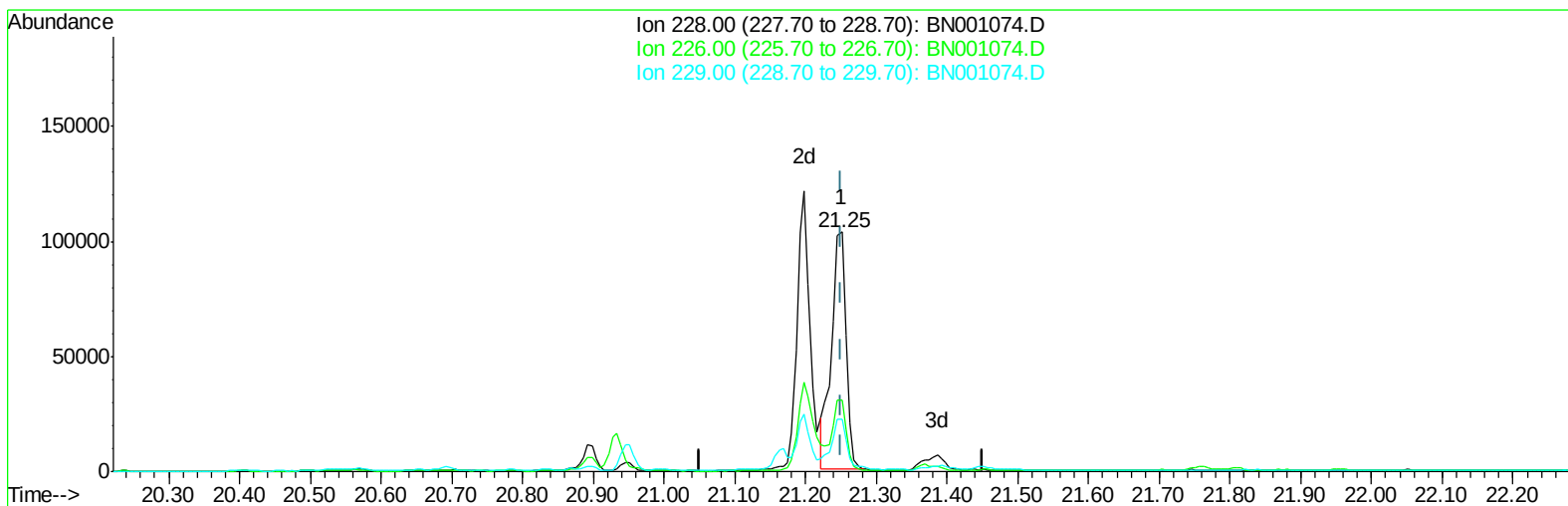
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
Data File : BN001074.D  
Acq On : 02 May 2018 17:14  
Operator : JU/SJ  
Sample : J2527-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAS75

Manual Integrations  
APPROVED

Sohil  
5/3/2018 4:24:16 PM

Quant Time: May 03 07:38:28 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 03 07:35:09 2018  
Response via : Initial Calibration



TIC: BN001074.D

(21) Chrysene

21.251min (-0.000) 5.67ng/ul

response 146271

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.60 | 30.12 |
| 229.00 | 19.80 | 21.85 |
| 0.00   | 0.00  | 0.00  |

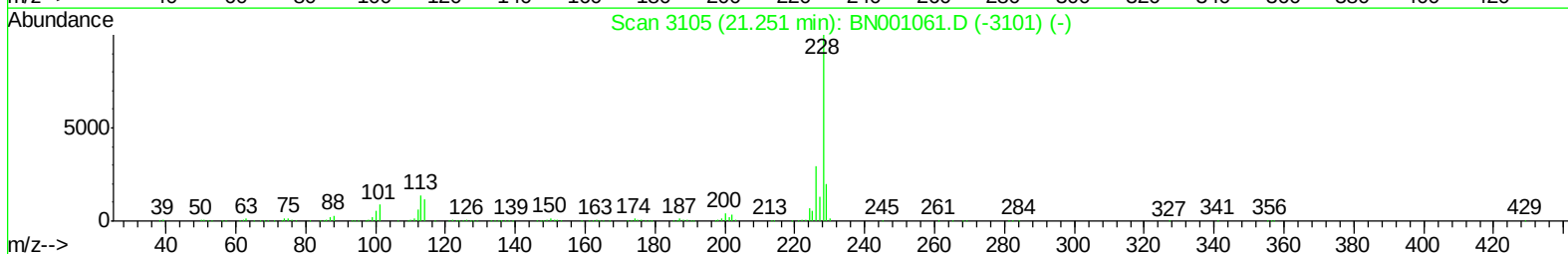
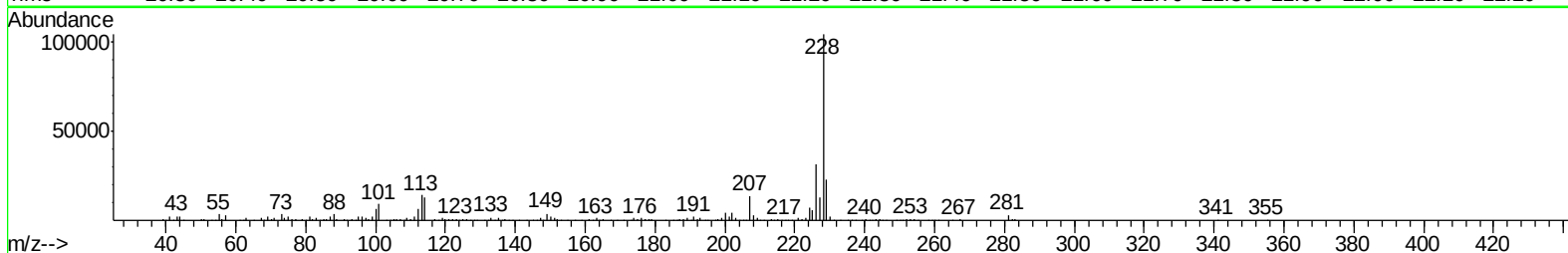
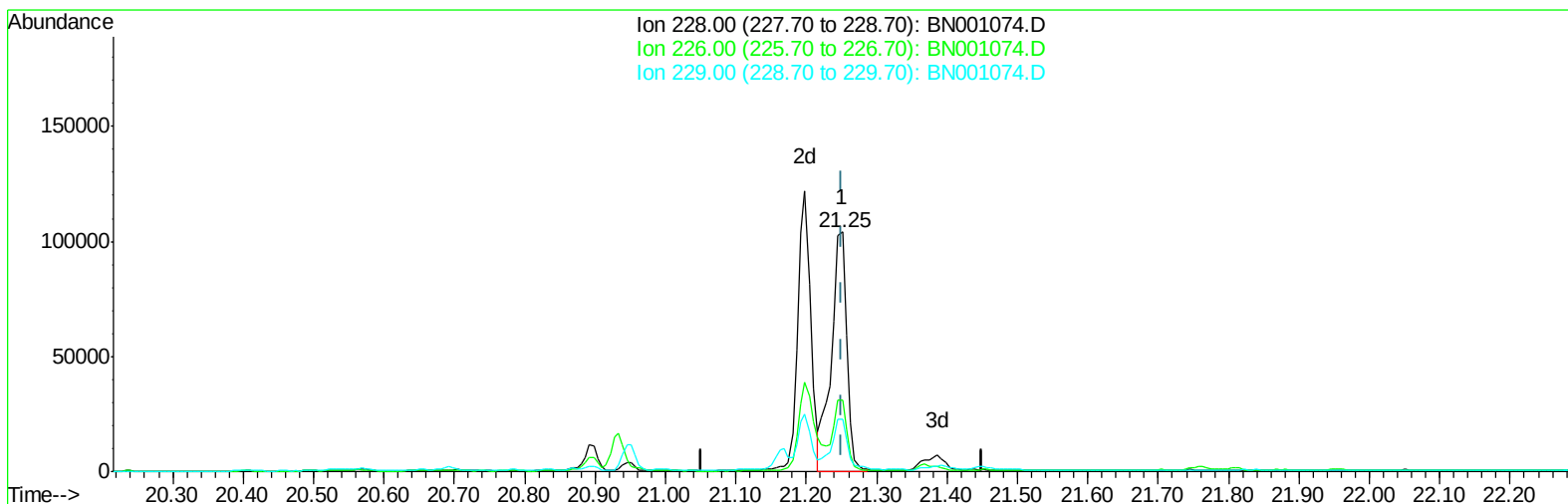
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TIC: BN001074.D

(21) Chrysene

21.251min (-0.000) 6.15ng/ul m

response 158707

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.60 | 30.12 |
| 229.00 | 19.80 | 21.85 |
| 0.00   | 0.00  | 0.00  |

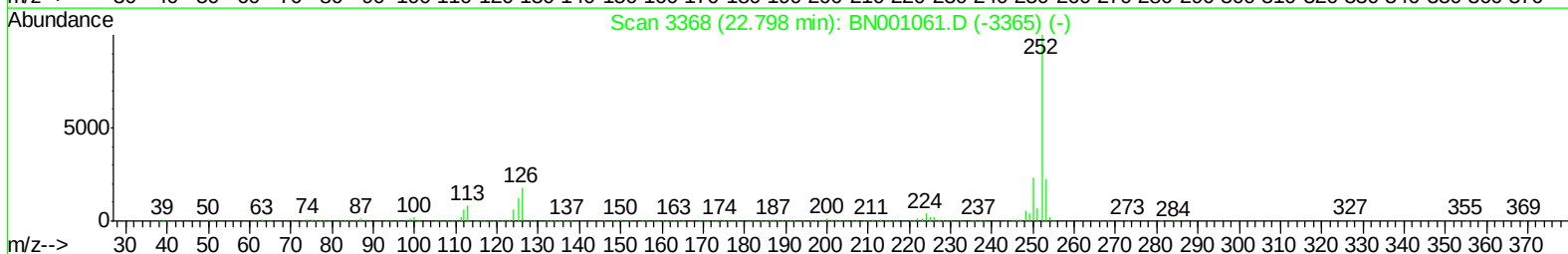
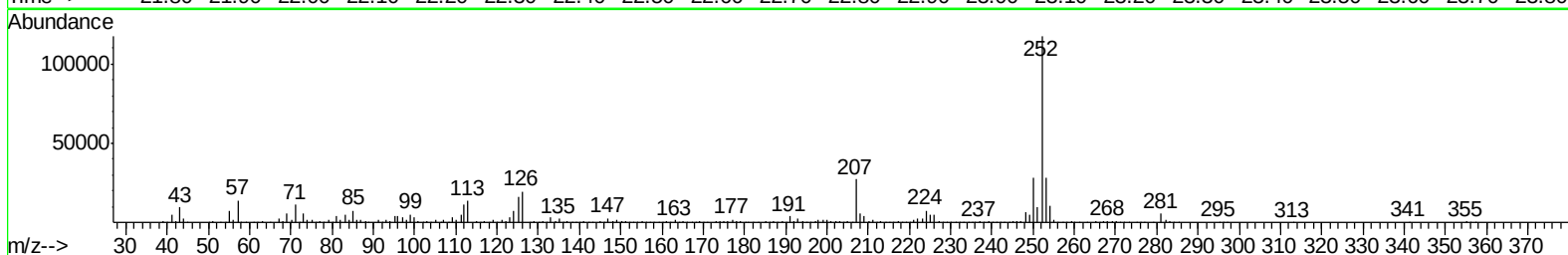
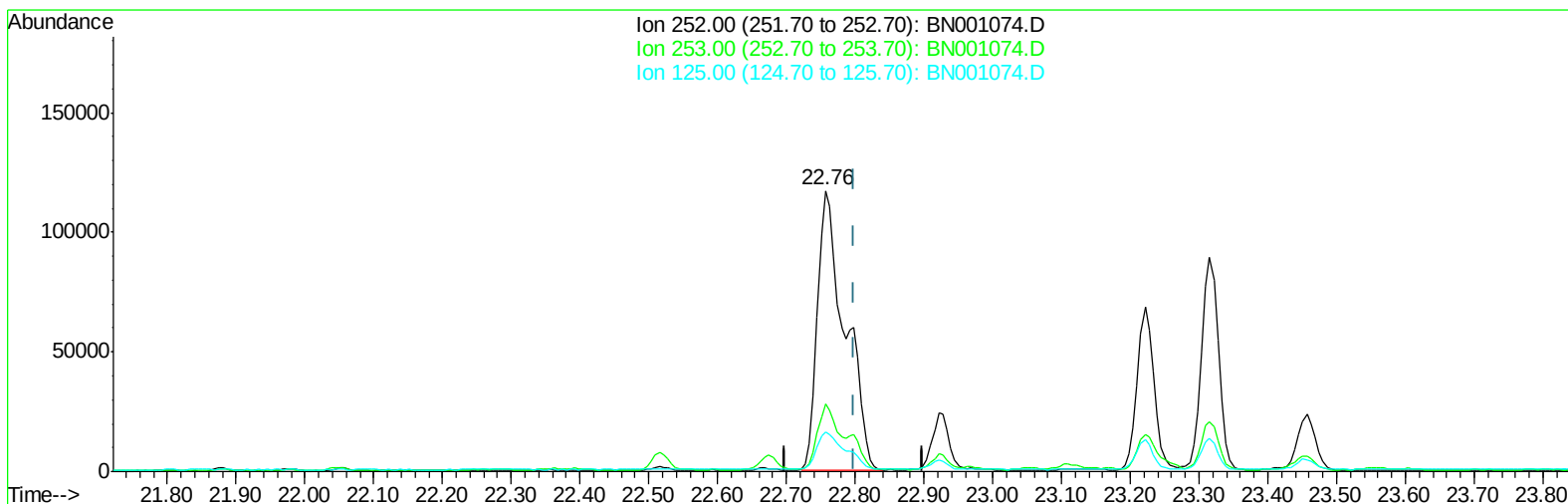
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Sample : J2527-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAS75

Manual Integrations  
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QLast Update : Thu May 03 07:35:09 2018  
Response via : Initial Calibration



TIC: BN001074.D

(24) Benzo(k)fluoranthene

22.757min (-0.041) 11.96ng/ul

response 322922

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 23.99  |
| 125.00 | 10.10 | 14.27# |
| 0.00   | 0.00  | 0.00   |

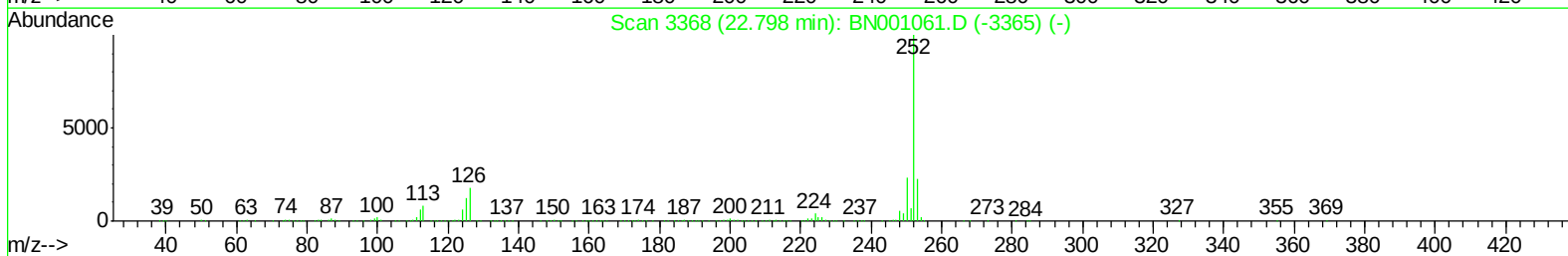
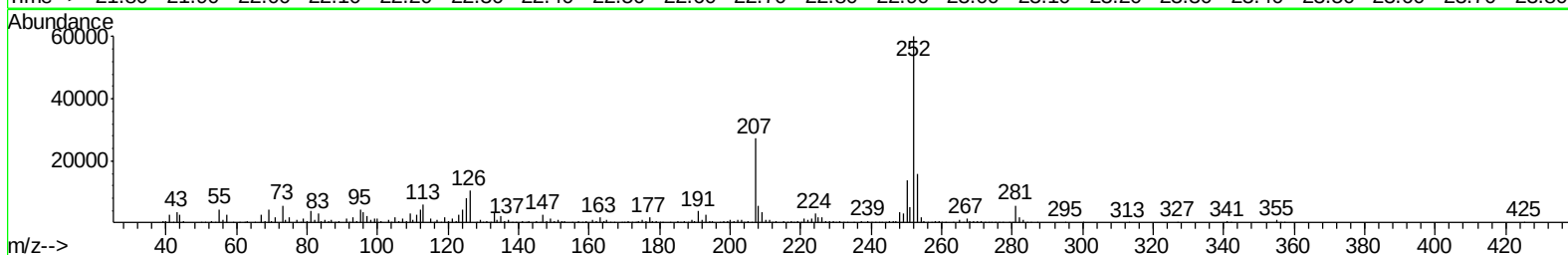
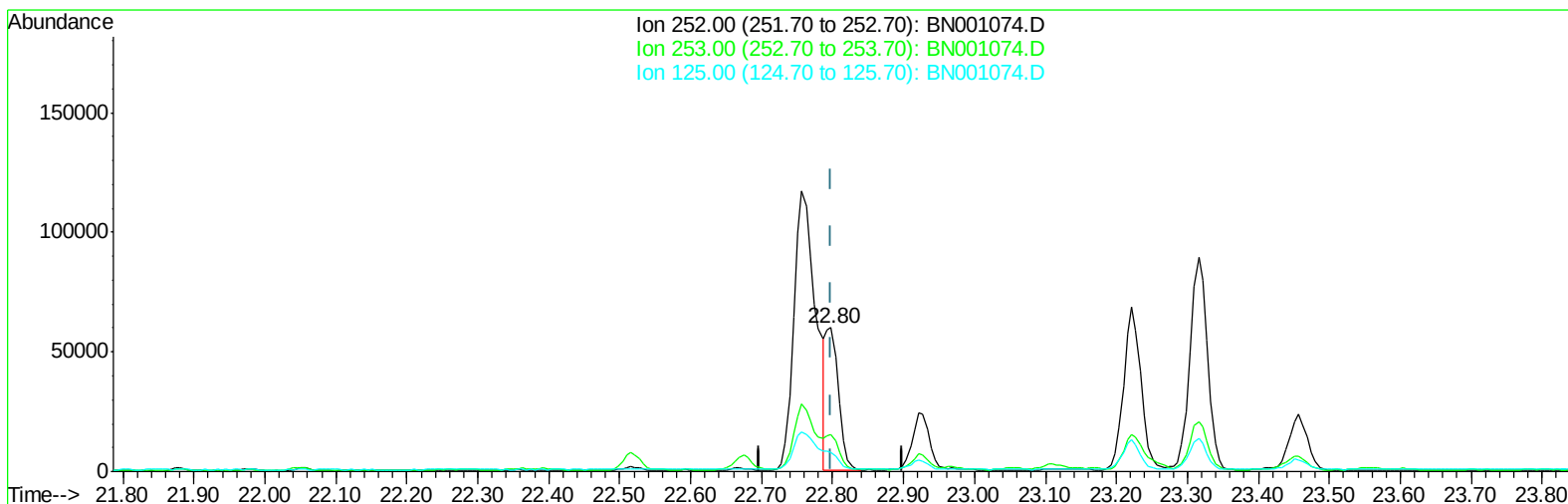
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Data File : BN001074.D  
Acq On : 02 May 2018 17:14  
Operator : JU/SJ  
Sample : J2527-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAS75

Manual Integrations  
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Response via : Initial Calibration



TIC: BN001074.D

(24) Benzo(k)fluoranthene

22.798min (-0.000) 2.78ng/ul m

response 74950

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 26.13  |
| 125.00 | 10.10 | 13.73# |
| 0.00   | 0.00  | 0.00   |

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 Operator : JU/SJ  
 Sample : J2527-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAS75

Manual Integrations  
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Sohil  
 5/3/2018 4:24:16 PM

Quant Time: May 03 08:13:03 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 03 07:35:09 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 135349   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 577696   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 285845   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 529196   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.21 | 240  | 459000   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.41 | 264  | 485369   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 581193   | 21.17  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 393985   | 21.50  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 540979   | 22.35  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 547000   | 23.26  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 571360   | 24.92  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 8) Acenaphthylene           | 13.97 | 152  | 32616    | 1.200  | ng/ul  | 97       |
| 13) Phenanthrene            | 17.05 | 178  | 68870    | 2.386  | ng/ul  | 99       |
| 16) Fluoranthene            | 19.07 | 202  | 276662   | 9.448  | ng/ul# | 92       |
| 19) Pyrene                  | 19.44 | 202  | 228894   | 7.764  | ng/ul# | 91       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 149775   | 5.459  | ng/ul  | 93       |
| 21) Chrysene                | 21.25 | 228  | 158707m  | 6.154  | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 249874   | 9.059  | ng/ul# | 94       |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 74950m   | 2.777  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 152618   | 5.789  | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.59 | 276  | 118453   | 3.720  | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.59 | 278  | 31013    | 1.169  | ng/ul# | 79       |
| 29) Benzo(g,h,i)perylene    | 26.26 | 276  | 115719   | 4.345  | ng/ul# | 91       |

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

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