

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (QT Reviewed)

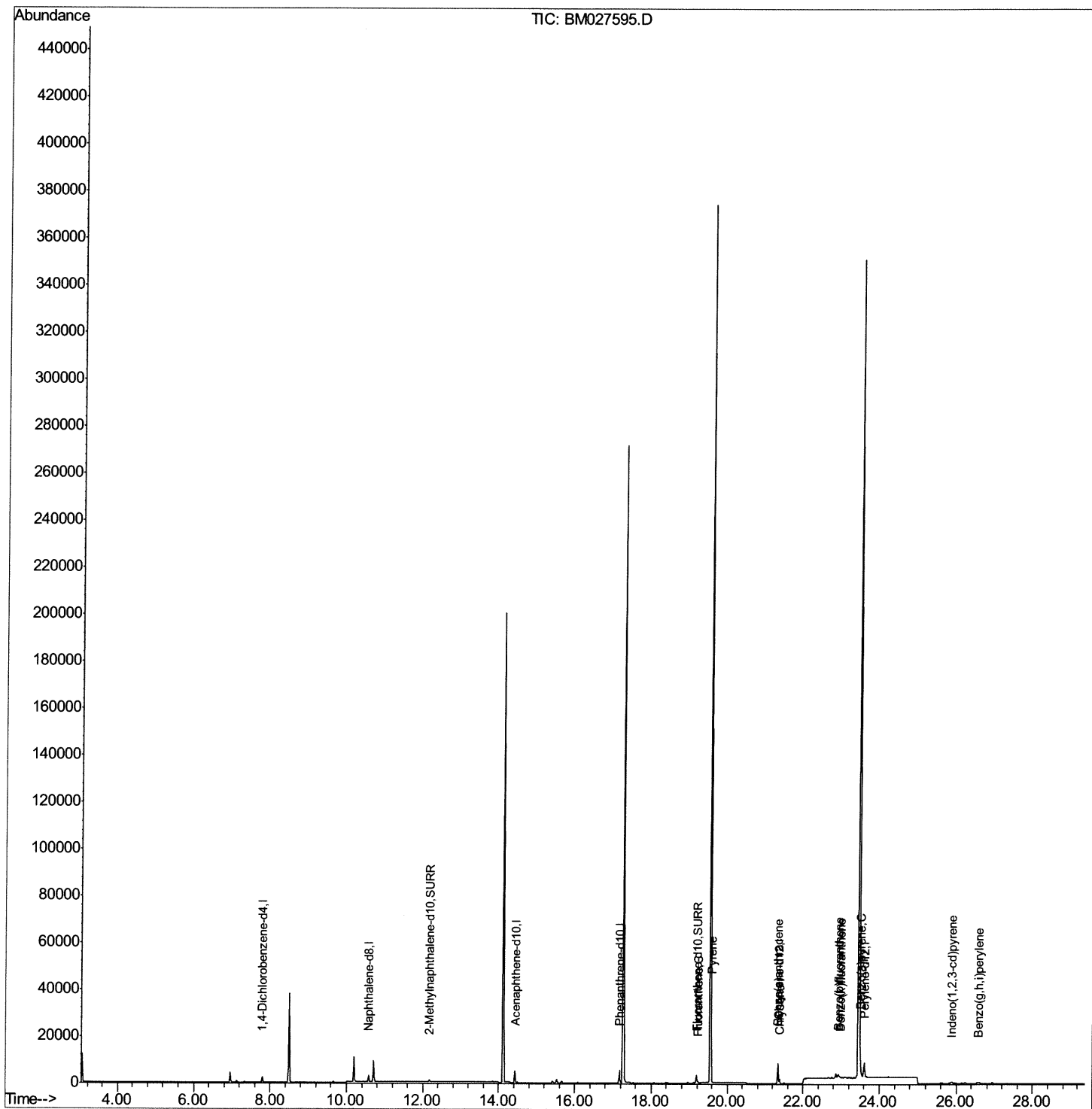
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 02:45:18 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 02 13:04:03 2020  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (Qedit)

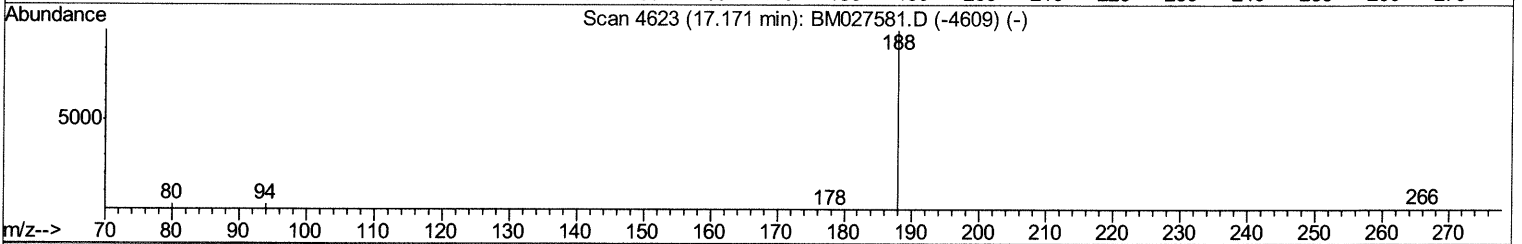
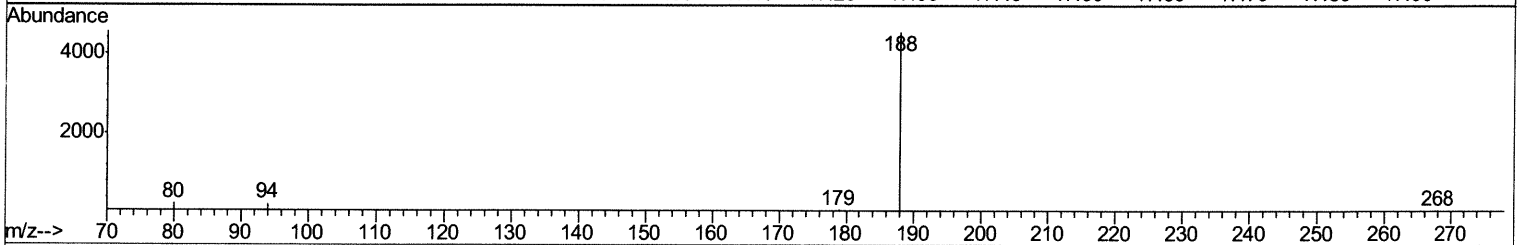
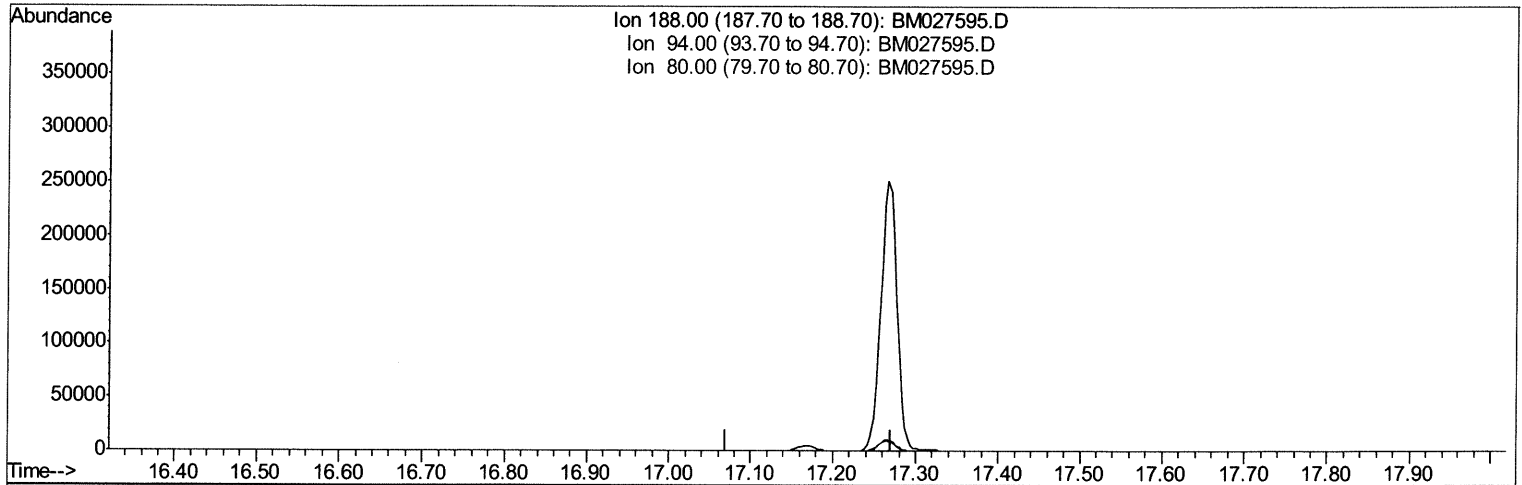
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 01:39:22 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 02 13:04:03 2020  
Response via : Initial Calibration



TIC: BM027595.D

(10) Phenanthrene-d10 (I)  
17.171min (-17.171) 0.00ng/ul  
response 0

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 0.00  |
| 94.00  | 5.20 | 0.00# |
| 80.00  | 6.20 | 0.00# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (Qedit)

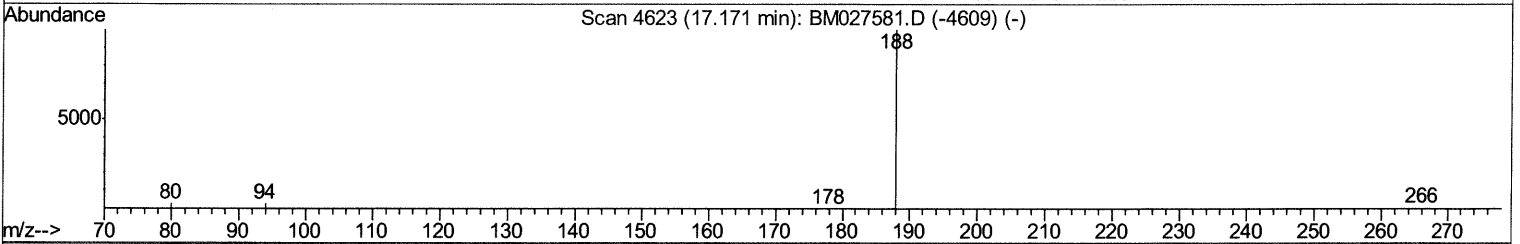
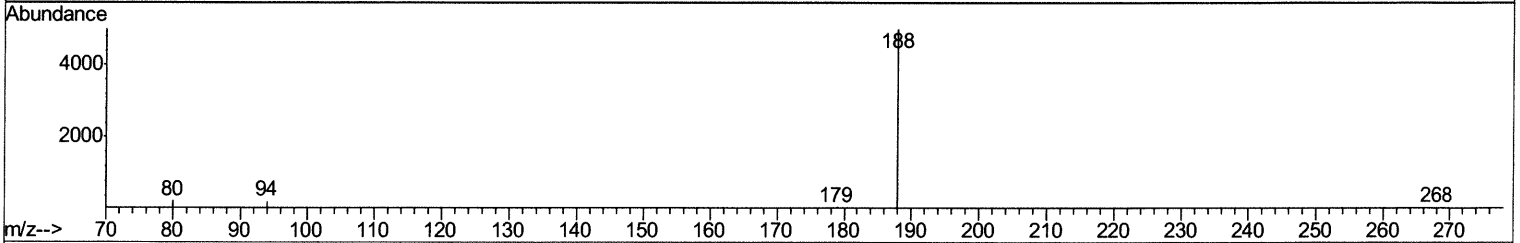
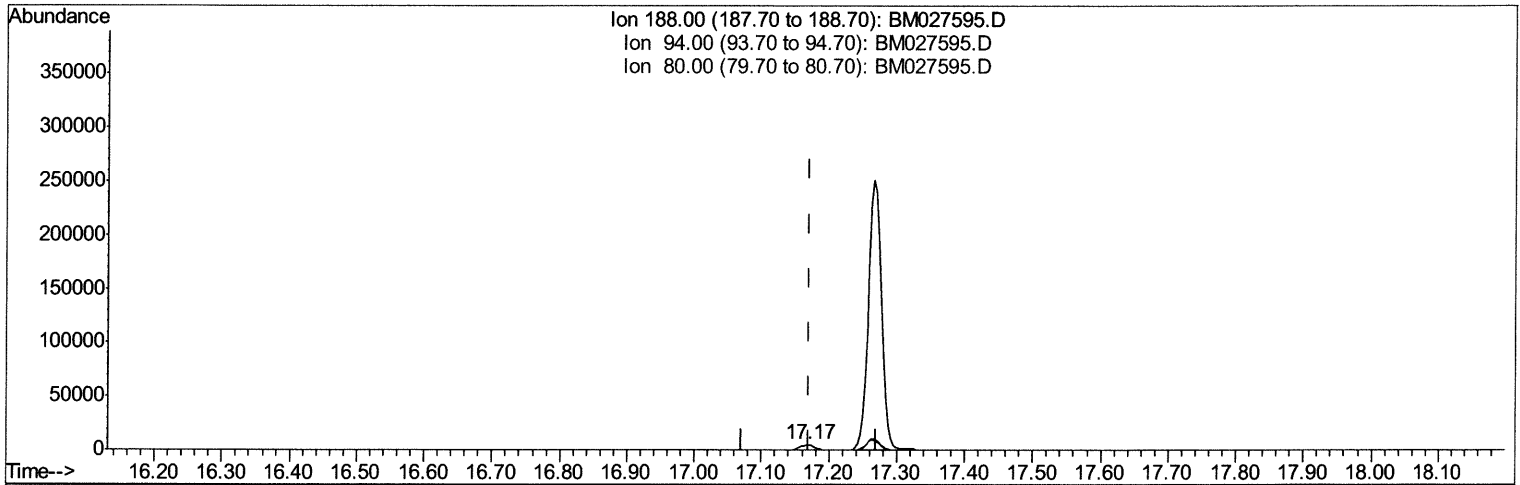
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 02:42:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 02 13:04:03 2020  
Response via : Initial Calibration



TIC: BM027595.D

(10) Phenanthrene-d10 (I)

17.169min (-0.002) 0.40ng/ul m 10/06/2020

response 6934

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 5.20 | 4.54  |
| 80.00  | 6.20 | 4.76# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (Qedit)

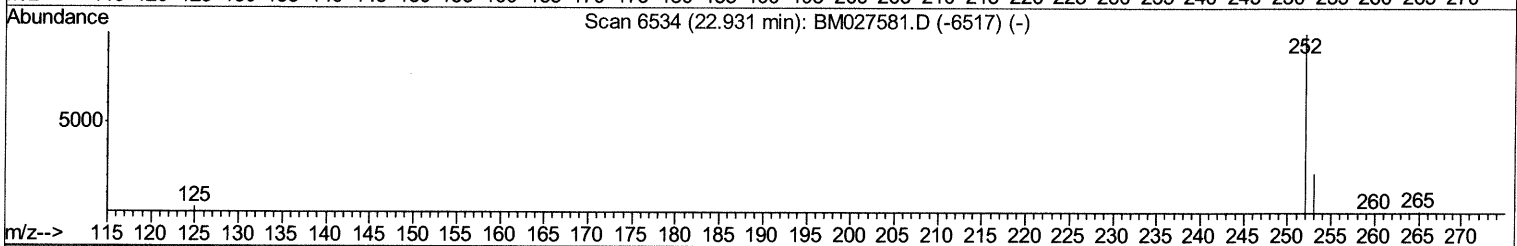
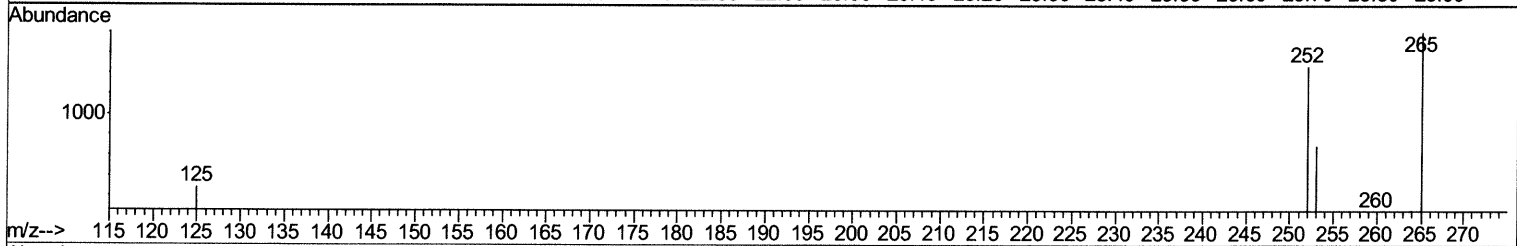
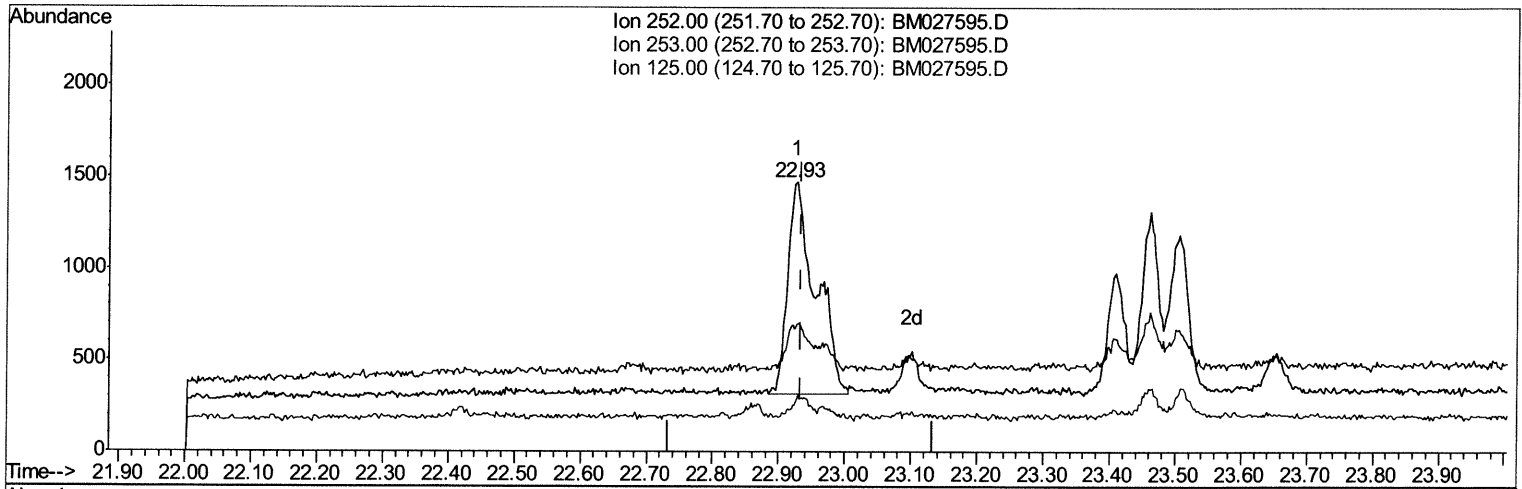
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 02:42:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 02 13:04:03 2020  
Response via : Initial Calibration



TIC: BM027595.D

(21) Benzo(b)fluoranthene  
22.927min (-0.007) 0.10ng/ul  
response 3407

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.10 | 47.49  |
| 125.00 | 5.30  | 19.43# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (Qedit)

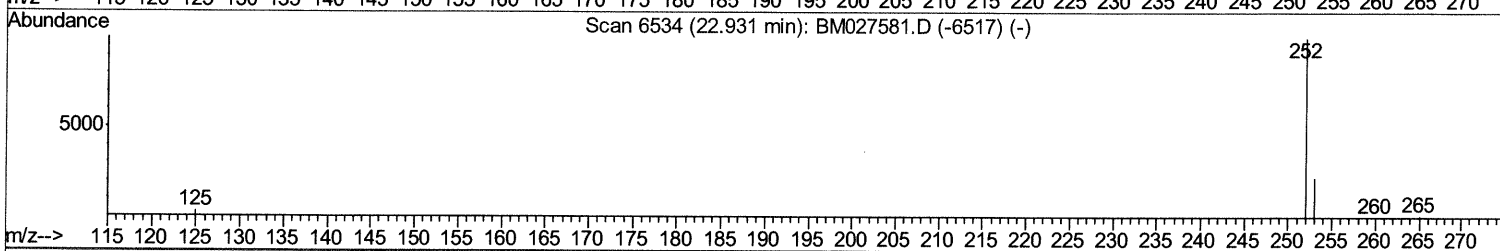
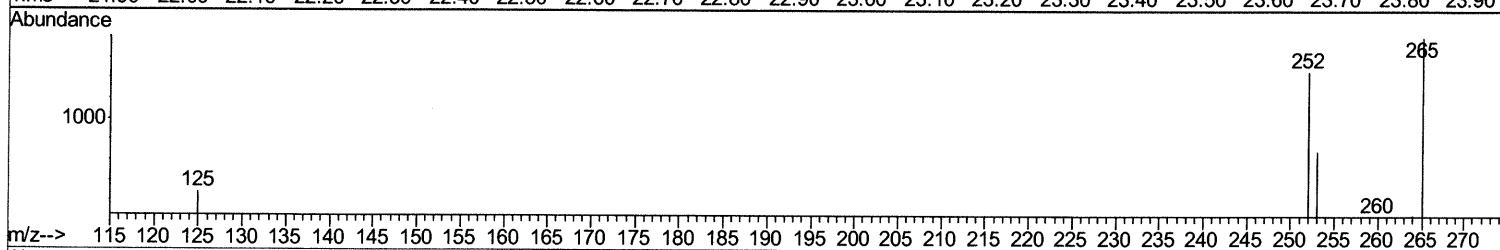
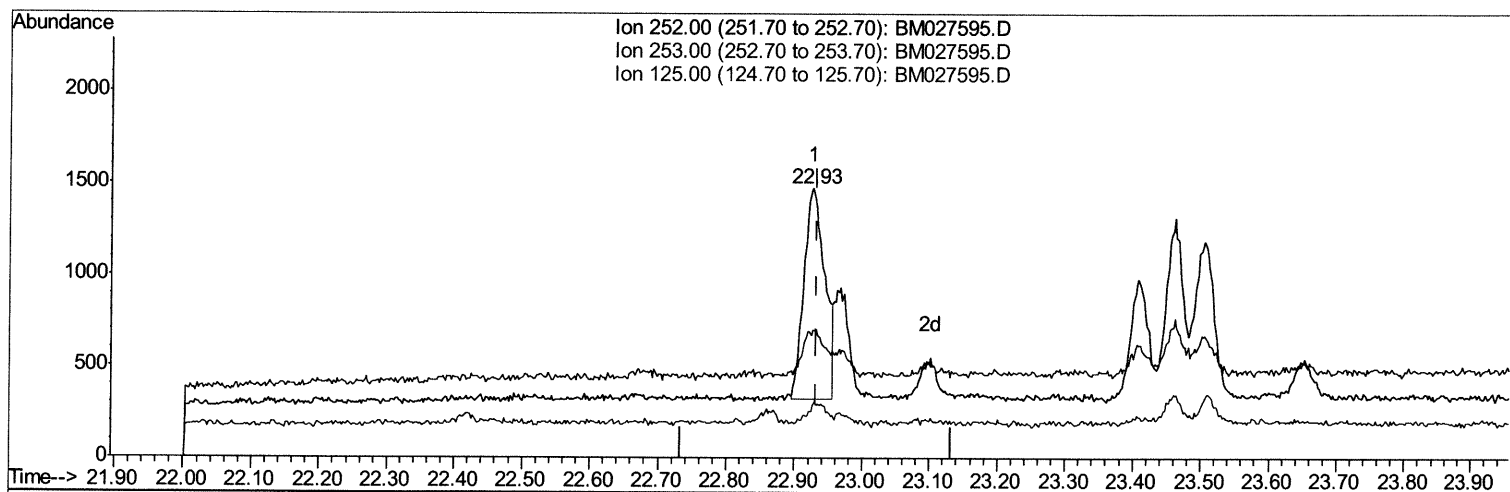
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 02:42:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 02 13:04:03 2020  
Response via : Initial Calibration



TIC: BM027595.D

(21) Benzo(b)fluoranthene

22.927min (-0.007) 0.07ng/ul m 10/06/20 JU

response 2452

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.10 | 47.49  |
| 125.00 | 5.30  | 19.43# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (Qedit)

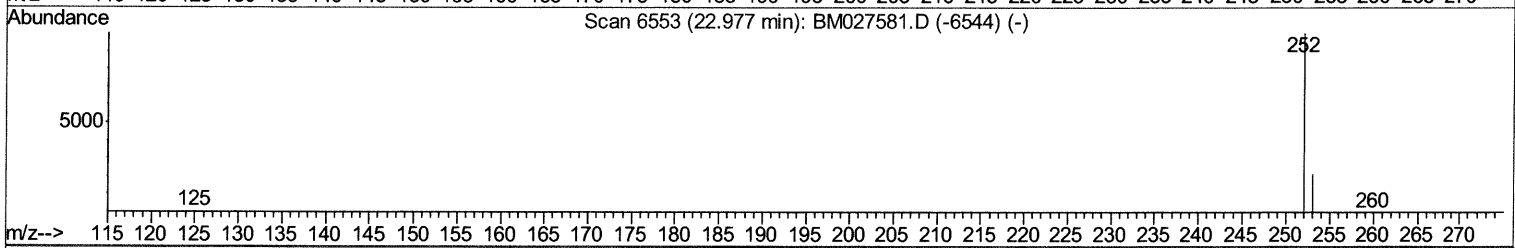
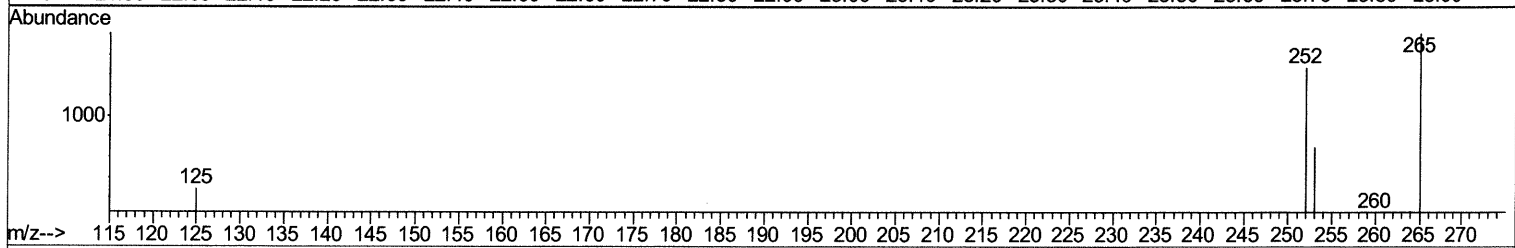
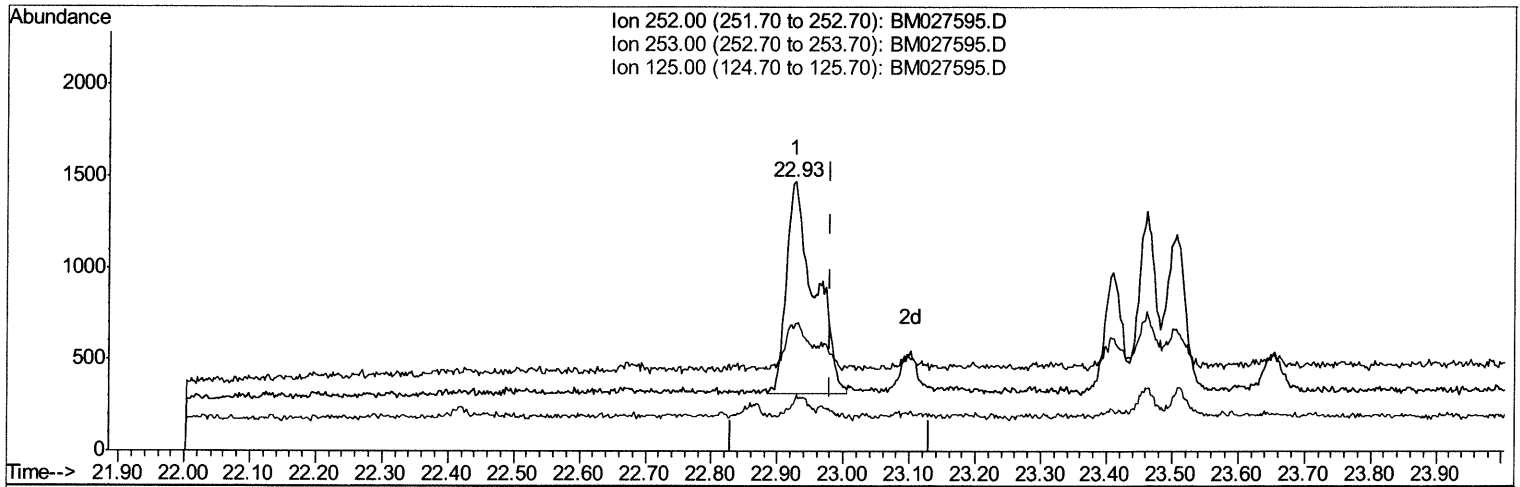
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 02:42:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 02 13:04:03 2020  
Response via : Initial Calibration



TIC: BM027595.D

(22) Benzo(k)fluoranthene  
22.927min (-0.053) 0.10ng/ul  
response 3407

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.90 | 47.49# |
| 125.00 | 6.20  | 19.43# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (Qedit)

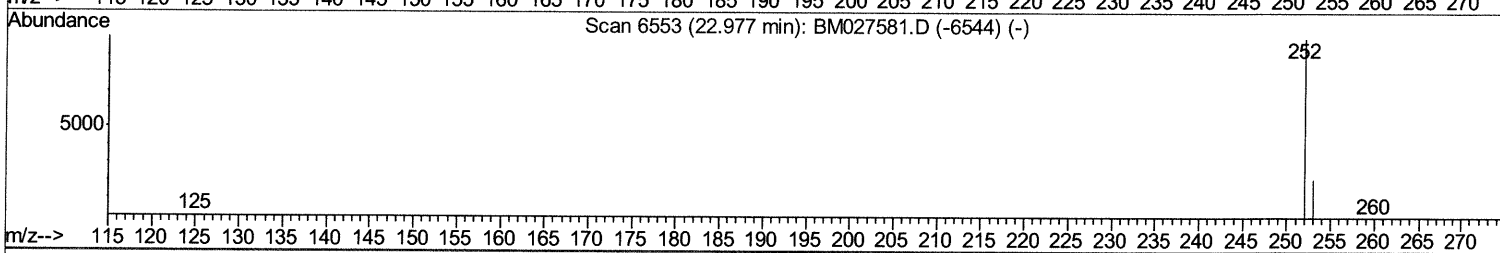
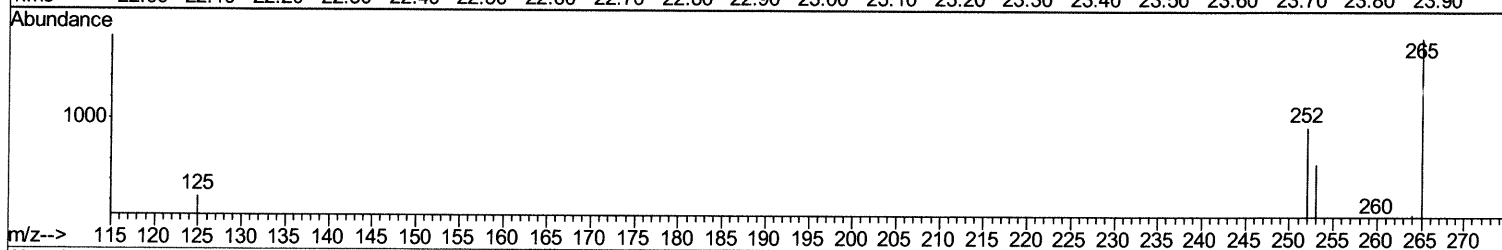
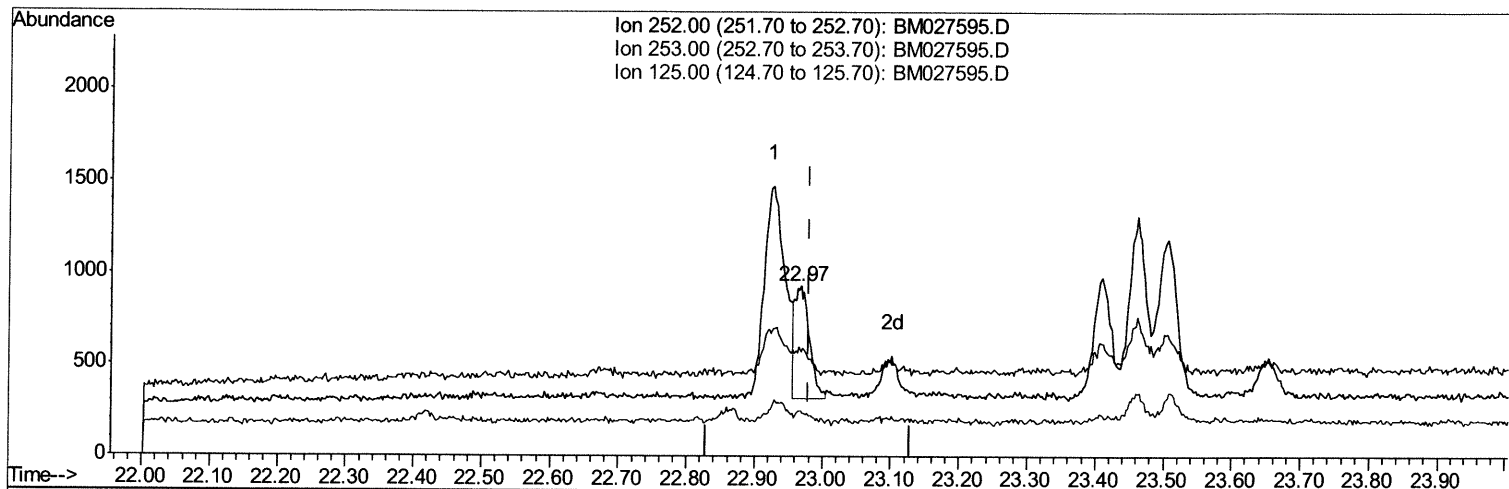
Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

Quant Time: Oct 03 02:42:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM092320.M  
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Response via : Initial Calibration



TIC: BM027595.D

(22) Benzo(k)fluoranthene

22.968min (-0.012) 0.03ng/ul m 10/06/20 54

response 912

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.90 | 61.18# |
| 125.00 | 6.20  | 26.34# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100220\  
Quantitation Report (QT Reviewed)

Data File : BM027595.D  
Acq On : 02 Oct 2020 23:36  
Operator : JU/CG  
Sample : L4166-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:29:23 AM

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)         |
|-----------------------------|-------|------|----------|-------|---------|------------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.80  | 152  | 1324     | 0.40  | ng/ul   | 0.00             |
| 2) Naphthalene-d8           | 10.58 | 136  | 3831     | 0.40  | ng/ul   | 0.00             |
| 6) Acenaphthene-d10         | 14.43 | 164  | 2823     | 0.40  | ng/ul   | 0.00             |
| 10) Phenanthrene-d10        | 17.17 | 188  | 6934m >  | 0.40  | ng/ul > | 0.00 10/06/20 JU |
| 16) Chrysene-d12            | 21.34 | 240  | 7463     | 0.40  | ng/ul   | 0.00             |
| 20) Perylene-d12            | 23.60 | 264  | 8198     | 0.40  | ng/ul   | 0.00             |
| System Monitoring Compounds |       |      |          |       |         |                  |
| 4) 2-Methylnaphthalene-d10  | 12.17 | 152  | 1368     | 0.20  | ng/ul   | 0.00             |
| 14) Fluoranthene-d10        | 19.19 | 212  | 4218     | 0.22  | ng/ul   | 0.00             |
| Target Compounds            |       |      |          |       |         |                  |
| 15) Fluoranthene            | 19.23 | 202  | 690      | 0.027 | ng/ul   | Qvalue 77        |
| 17) Pyrene                  | 19.58 | 202  | 833      | 0.024 | ng/ul#  | 74               |
| 18) Benzo(a)anthracene      | 21.33 | 228  | 883      | 0.030 | ng/ul#  | 83               |
| 19) Chrysene                | 21.38 | 228  | 1635     | 0.054 | ng/ul#  | 90               |
| 21) Benzo(b)fluoranthene    | 22.93 | 252  | 2452m }  | 0.074 | ng/ul } | 10/06/20 JU      |
| 22) Benzo(k)fluoranthene    | 22.97 | 252  | 912m }   | 0.027 | ng/ul } |                  |
| 23) Benzo(a)pyrene          | 23.51 | 252  | 1592     | 0.054 | ng/ul#  | 36               |
| 24) Indeno(1,2,3-cd)pyrene  | 25.88 | 276  | 1056     | 0.028 | ng/ul#  | 93               |
| 26) Benzo(g,h,i)perylene    | 26.57 | 276  | 959      | 0.030 | ng/ul#  | 68               |

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