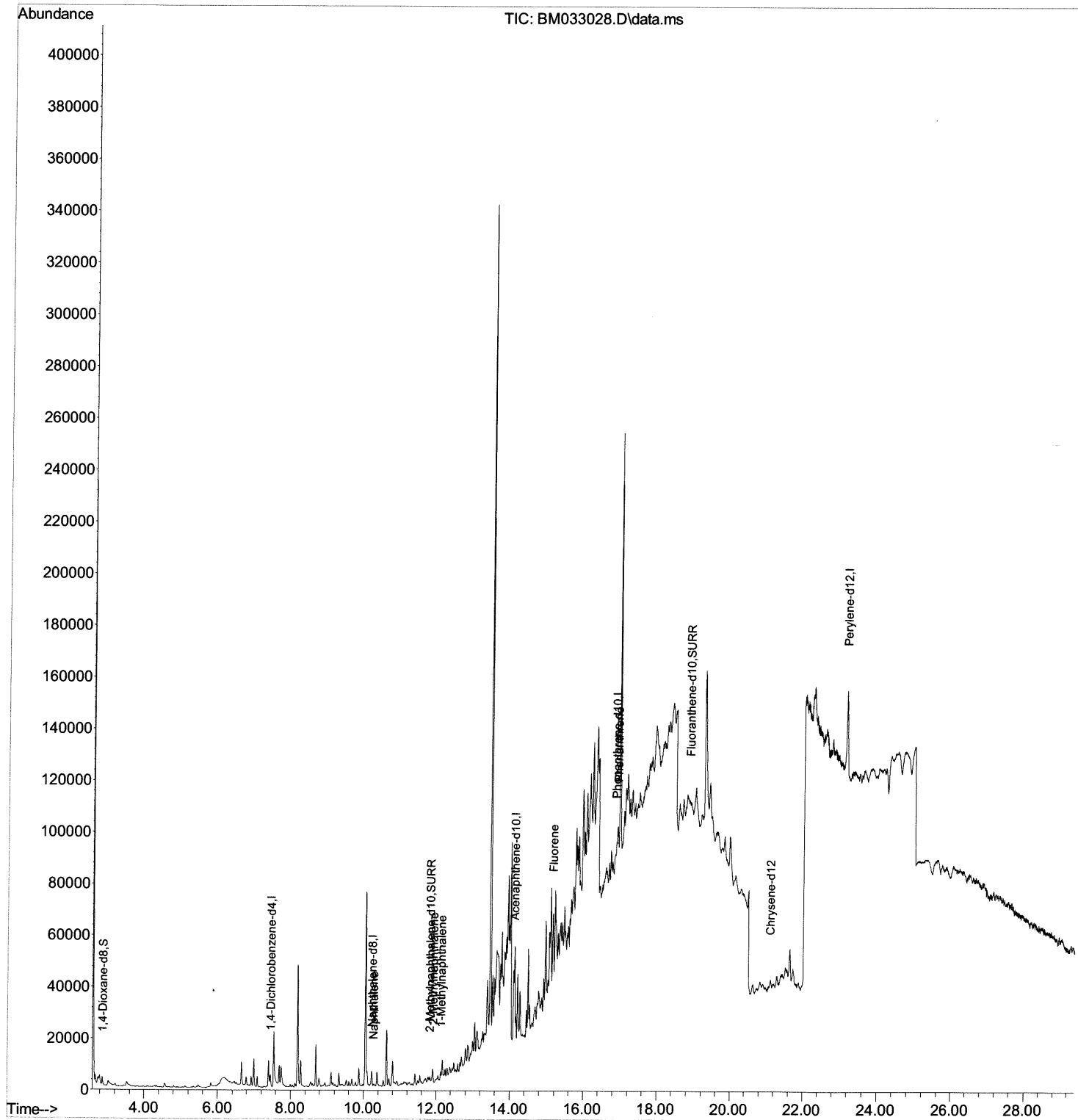Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On   : 12 Nov 2021 15:50
Operator : CG/JU
Sample   : M4615-07
Misc   :
ALS Vial : 124   Sample Multiplier: 1

Quant Time: Nov 29 09:50:35 2021
Quant Title :
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V13

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo   11/29/2021
Supervised By :mohammad ahmed   11/29/2021
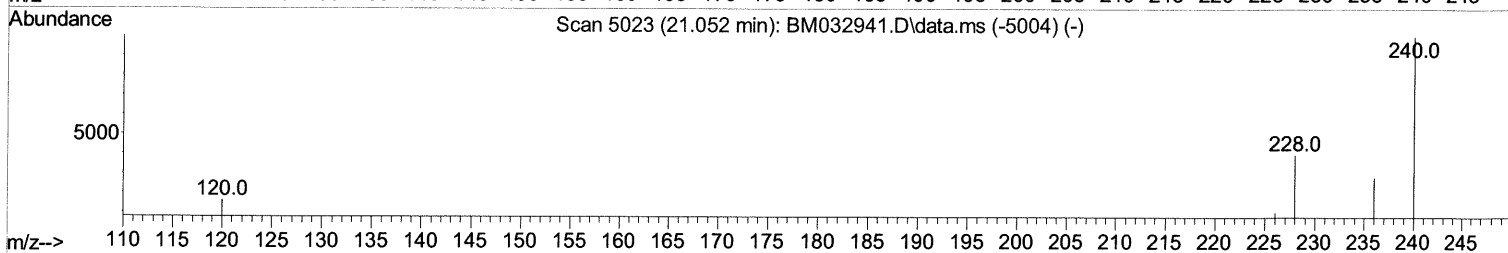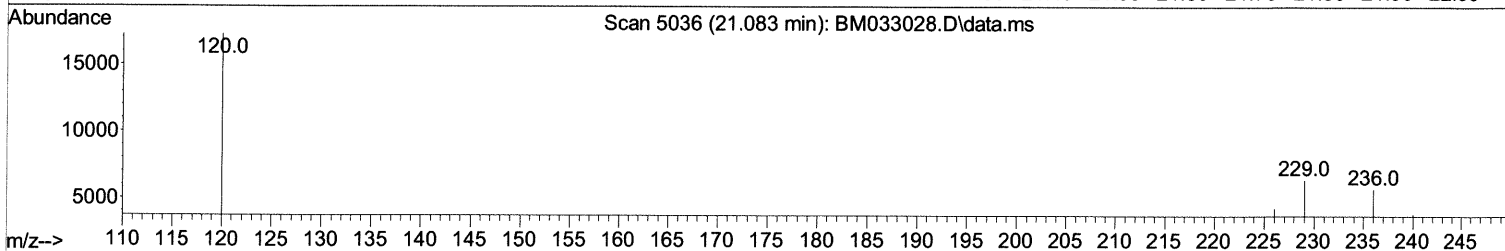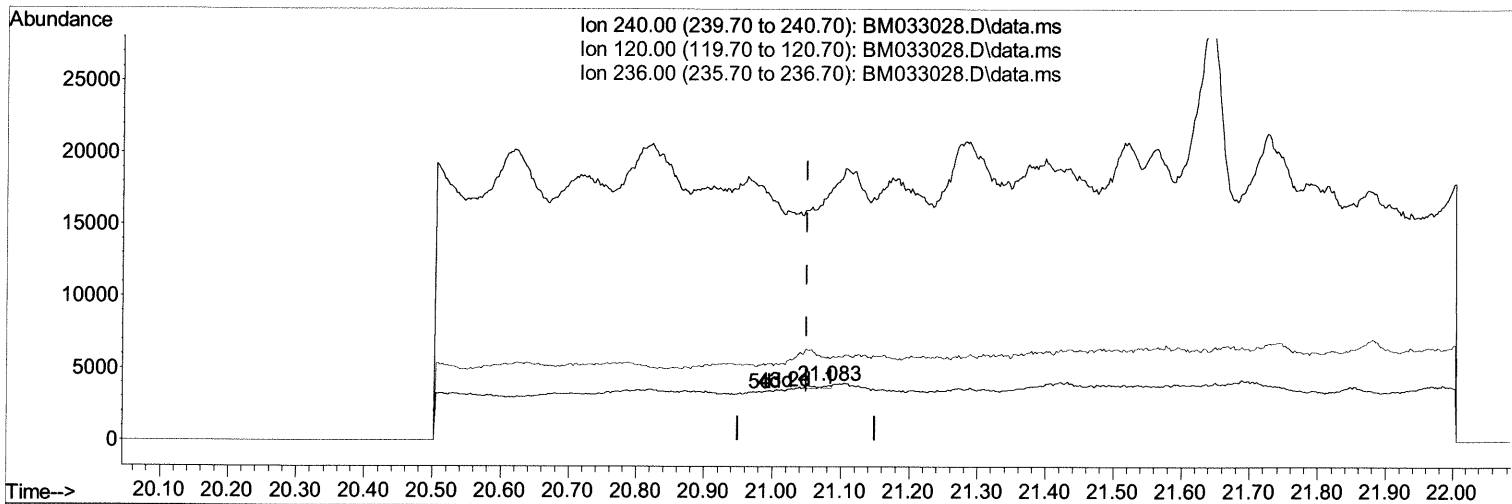

TIC: BM033028.D\data.ms

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On   : 12 Nov 2021 15:50
Operator : CG/JU
Sample   : M4615-07
Misc   :
ALS Vial : 124   Sample Multiplier: 1

Quant Time: Nov 12 16:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:40:18 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V13

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo   11/29/2021
Supervised By :mohammad ahmed   11/29/2021

Ion 240.00 (239.70 to 240.70): BM033028.D\data.ms
Ion 120.00 (119.70 to 120.70): BM033028.D\data.ms
Ion 236.00 (235.70 to 236.70): BM033028.D\data.ms

Scan 5036 (21.083 min): BM033028.D\data.ms

Scan 5023 (21.052 min): BM032941.D\data.ms (-5004) (-)

TIC: BM033028.D\data.ms

(17) Chrysene-d12

21.083min (+ 0.034) 0.40 ng/ul

response   296

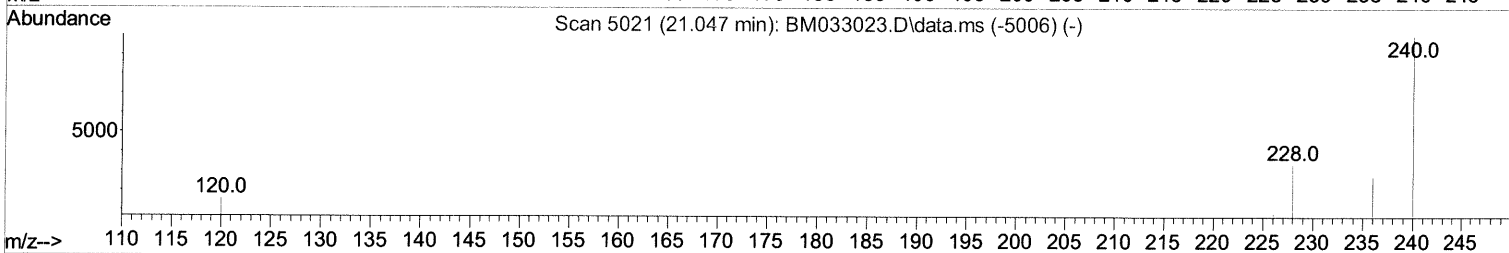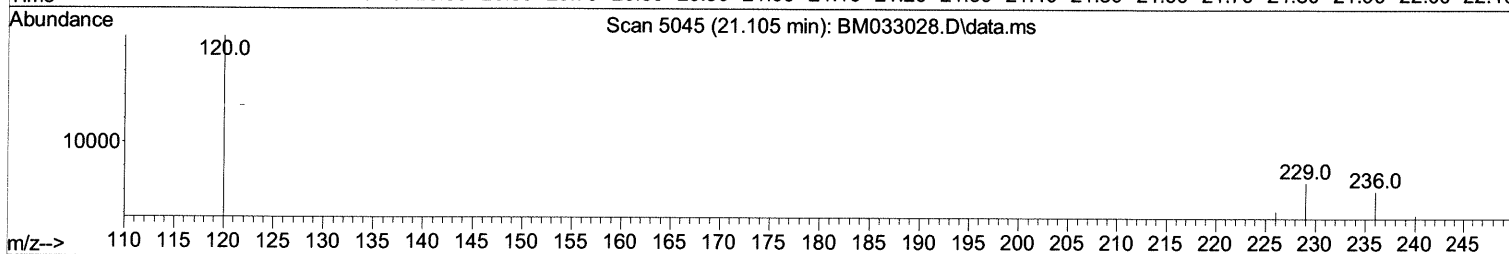| Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.20	450.57#
236.00	29.40	149.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On   : 12 Nov 2021 15:50
Operator : CG/JU
Sample   : M4615-07
Misc   :
ALS Vial : 124   Sample Multiplier: 1

Quant Time: Nov 29 09:50:35 2021
Quant Title :
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration

Ion 240.00 (239.70 to 240.70): BM033028.D\data.ms
Ion 120.00 (119.70 to 120.70): BM033028.D\data.ms
Ion 236.00 (235.70 to 236.70): BM033028.D\data.ms

Scan 5045 (21.105 min): BM033028.D\data.ms

Scan 5021 (21.047 min): BM033023.D\data.ms (-5006) (-)

TIC: BM033028.D\data.ms

(17) Chrysene-d12

21.105min (+ 0.056) 0.40 ng/ul m 11/30/21JU

response   2911

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.20	475.94#
236.00	29.40	150.36#
0.00	0.00	0.00

SFAM-EPA-SIM-BM110921.M Mon Nov 29 09:58:32 2021   Page: 1
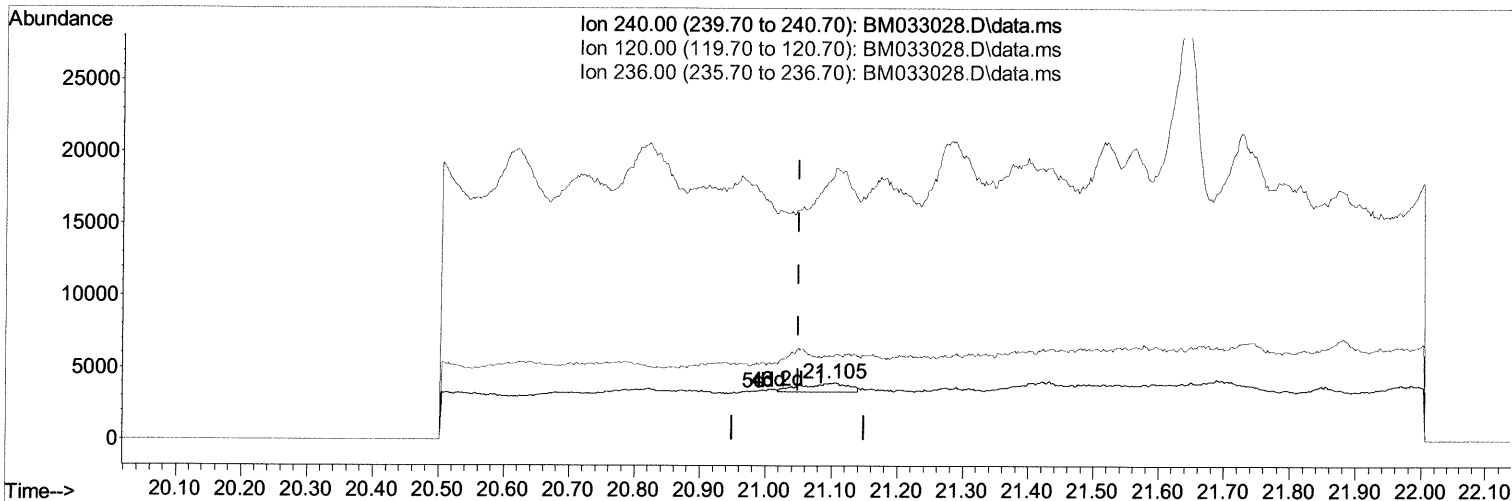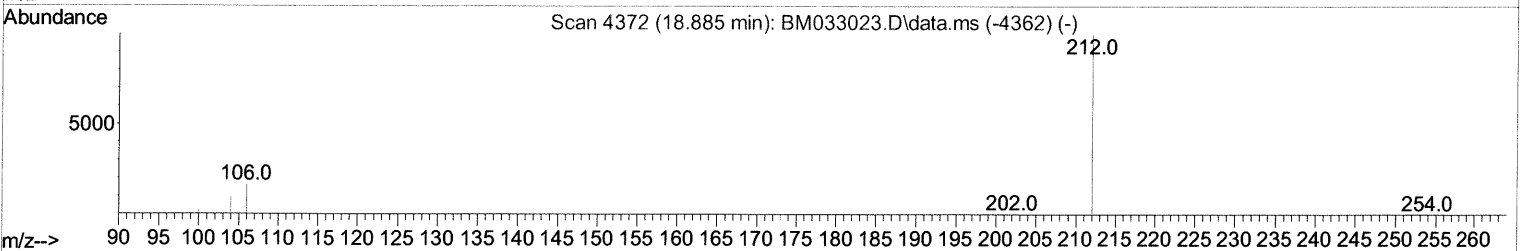
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On   : 12 Nov 2021 15:50
Operator : CG/JU
Sample   : M4615-07
Misc   :
ALS Vial : 124   Sample Multiplier: 1

Quant Time: Nov 29 10:02:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V13

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo   11/29/2021
Supervised By :mohammad ahmed   11/29/2021

Ion 212.00 (211.70 to 212.70): BM033028.D\data.ms
Ion 106.00 (105.70 to 106.70): BM033028.D\data.ms
Ion 104.00 (103.70 to 104.70): BM033028.D\data.ms

Scan 4370 (18.877 min): BM033028.D\data.ms

Scan 4372 (18.885 min): BM033023.D\data.ms (-4362) (-)

TIC: BM033028.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.877min (+ 0.011) 9.41 ng/ul

response   8527

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.70	0.00#
104.00	9.80	0.00#
0.00	0.00	0.00

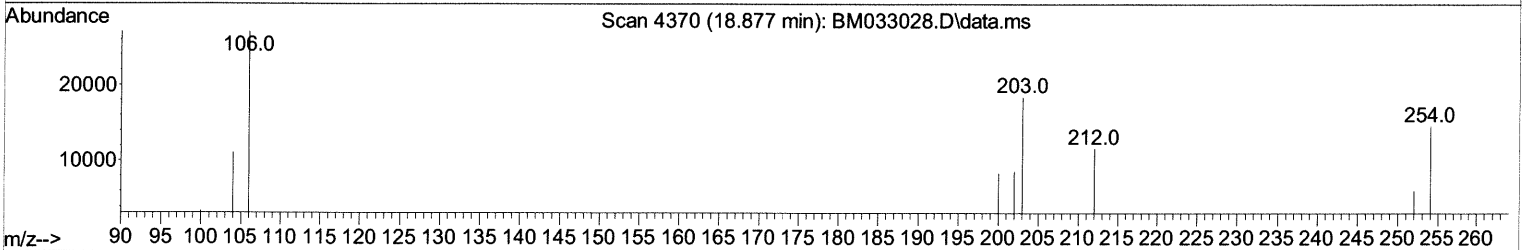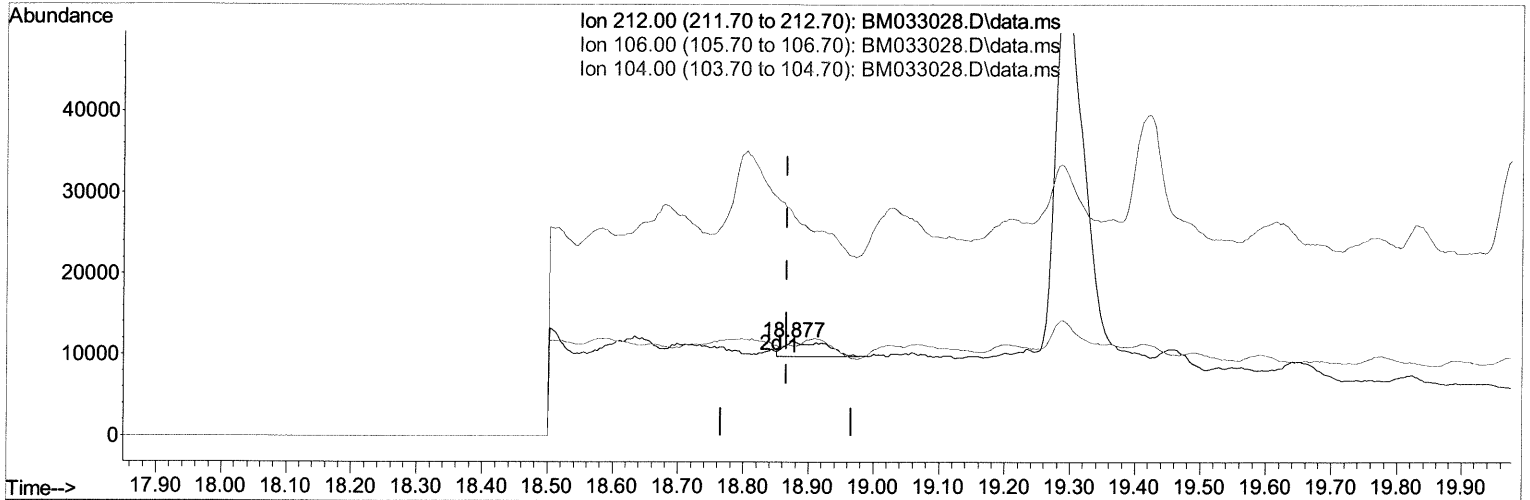Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On   : 12 Nov 2021 15:50
Operator : CG/JU
Sample   : M4615-07
Misc   :
ALS Vial : 124   Sample Multiplier: 1

Quant Time: Nov 29 09:50:35 2021
Quant Title :
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration

Ion 212.00 (211.70 to 212.70): BM033028.D\data.ms
Ion 106.00 (105.70 to 106.70): BM033028.D\data.ms
Ion 104.00 (103.70 to 104.70): BM033028.D\data.ms

Scan 4370 (18.877 min): BM033028.D\data.ms

Scan 4372 (18.885 min): BM033023.D\data.ms (-4362) (-)

TIC: BM033028.D\data.ms

(18)   Fluoranthene-d10 (SURR)

18.877min (-0.011)   0.40 ng/ul m   11/30/21 JU

response   3544

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.70	0.00#
104.00	9.80	0.00#
0.00	0.00	0.00

SFAM-EPA-SIM-BM110921.M Mon Nov 29 09:58:57 2021
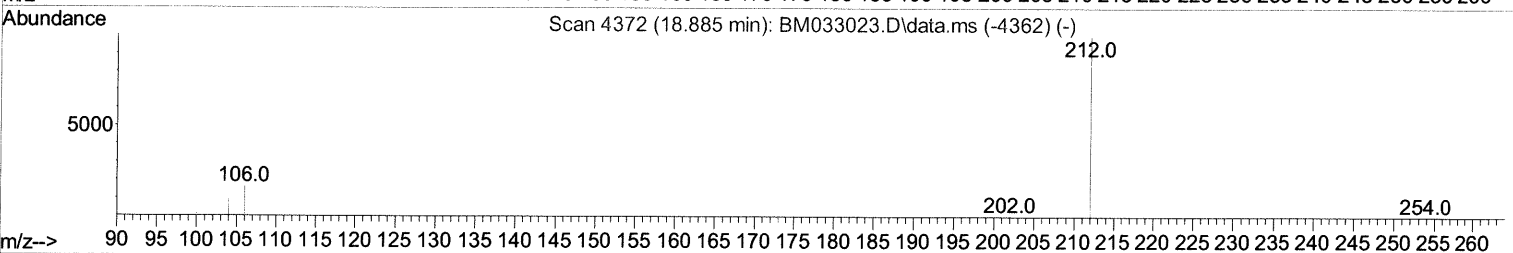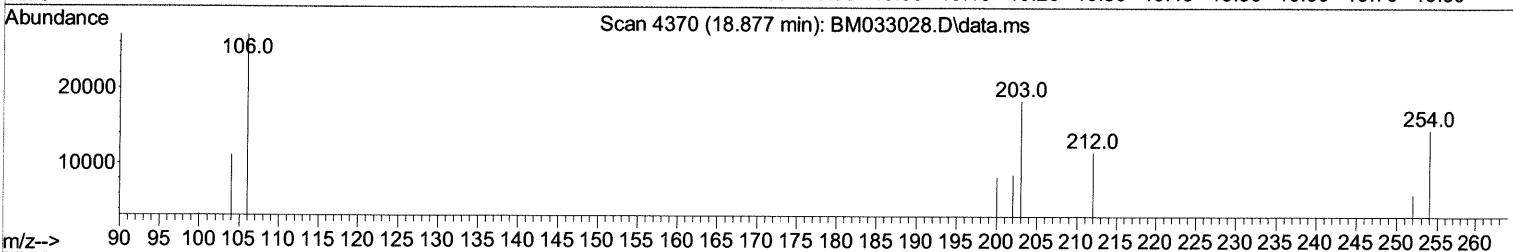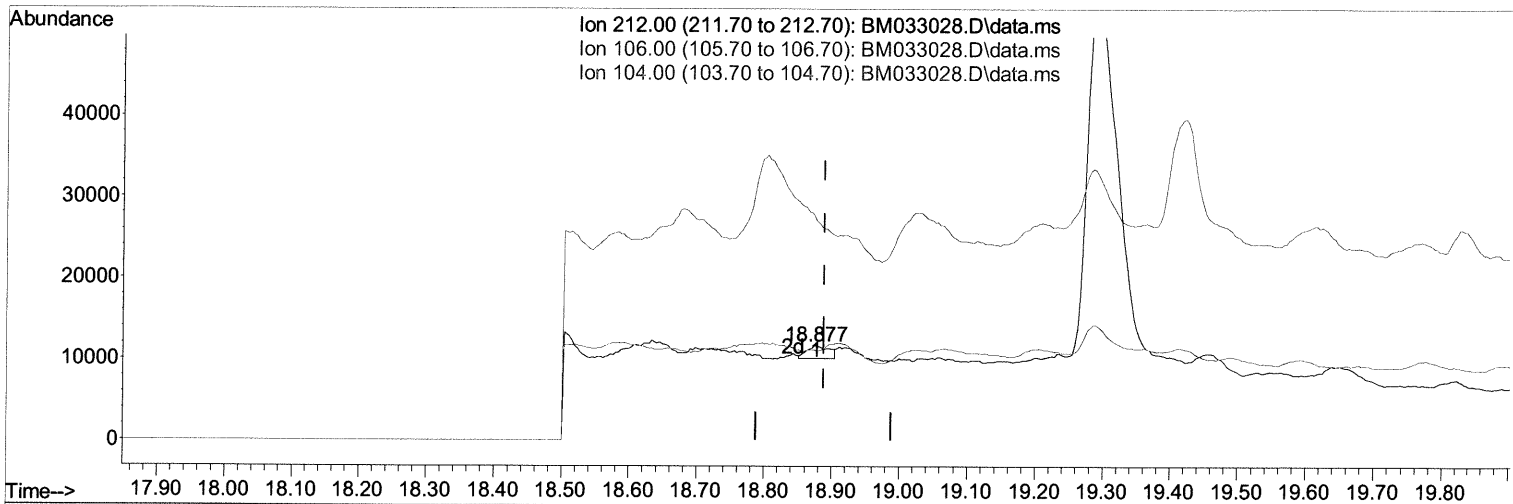
Page: 1

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On   : 12 Nov 2021 15:50
Operator : CG/JU
Sample   : M4615-07
Misc   :
ALS Vial : 124   Sample Multiplier: 1

Quant Time: Nov 25 05:17:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration

Ion 264.00 (263.70 to 264.70): BM033028.D\data.ms
Ion 260.00 (259.70 to 260.70): BM033028.D\data.ms
Ion 265.00 (264.70 to 265.70): BM033028.D\data.ms

Scan 5893 (23.159 min): BM033028.D\data.ms

Scan 5882 (23.132 min): BM033104.D\data.ms (-5863) (-)

TIC: BM033028.D\data.ms

    (23) Perylene-d12 (I)

    23.159min (+ 0.026) 0.40 ng/ul

    response   50803

      Ion   Exp%   Act%

    264.00   100.00   100.00

    260.00   27.30   30.60

    265.00   97.90   38.26#

      0.00   0.00   0.00

SFAM-EPA-SIM-BM110921.M Thu Nov 25 05:17:19 2021   Page: 1
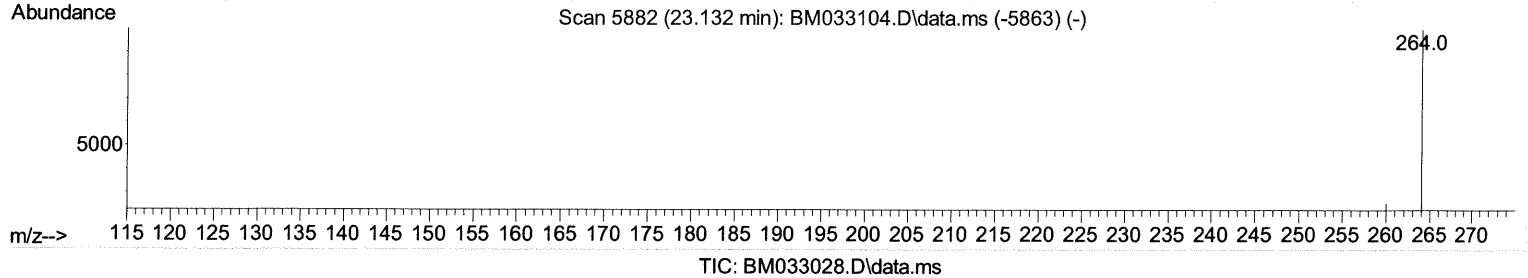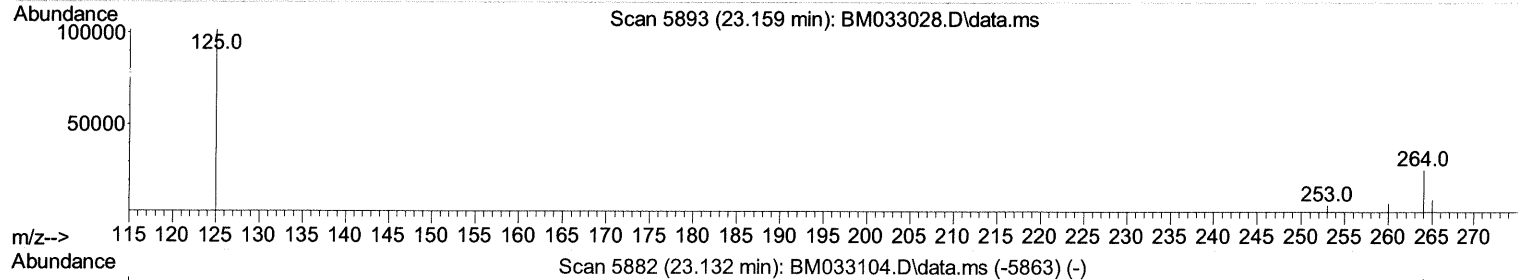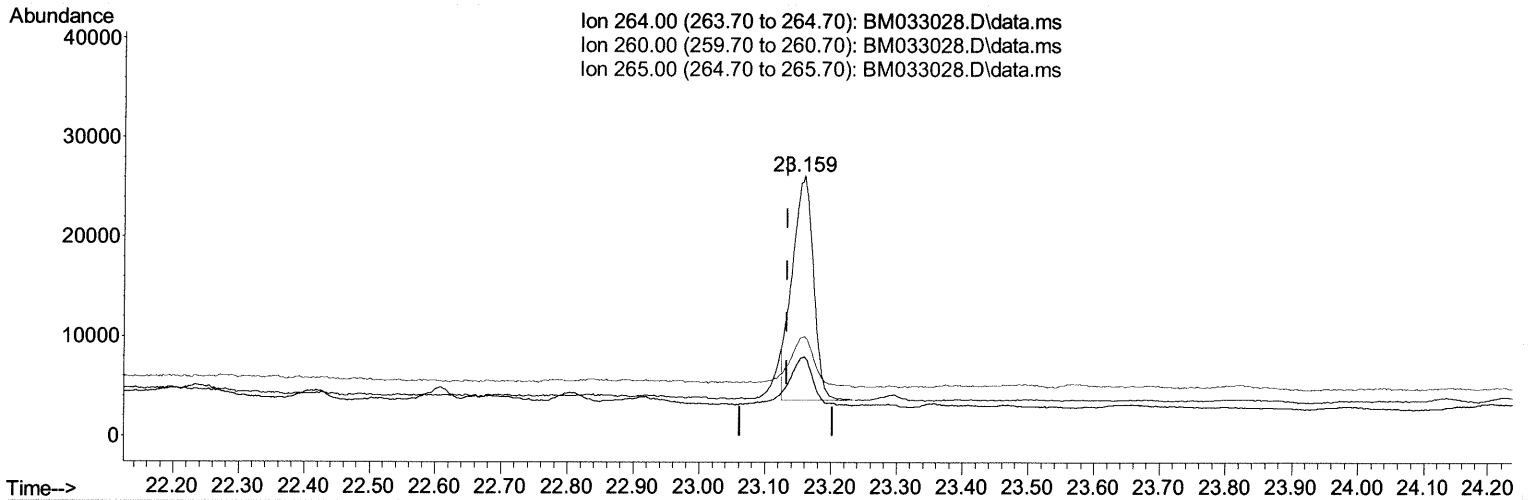
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On    : 12 Nov 2021  15:50
Operator  : CG/JU
Sample    : M4615-07
Misc      :
ALS Vial  : 124    Sample Multiplier: 1

Quant Time: Nov 12 16:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:40:18 2021
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
C0V13

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo   11/29/2021
Supervised By :mohammad ahmed   11/29/2021

Ion 264.00 (263.70 to 264.70): BM033028.D\data.ms
Ion 260.00 (259.70 to 260.70): BM033028.D\data.ms
Ion 265.00 (264.70 to 265.70): BM033028.D\data.ms

Scan 5893 (23.159 min): BM033028.D\data.ms

Scan 5891 (23.154 min): BM033023.D\data.ms (-5871) (-)

TIC: BM033028.D\data.ms

(23) Perylene-d12 (I)

23.159min (+ 0.003) 0.40 ng/ul m 11/30/21JU

response   57485

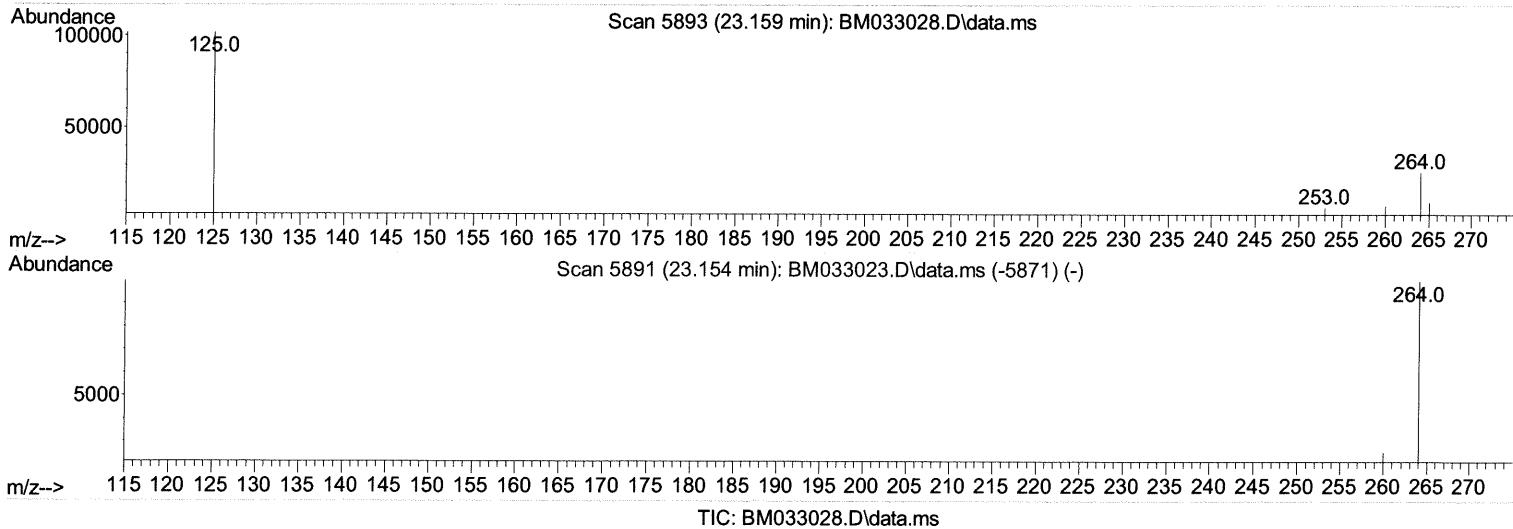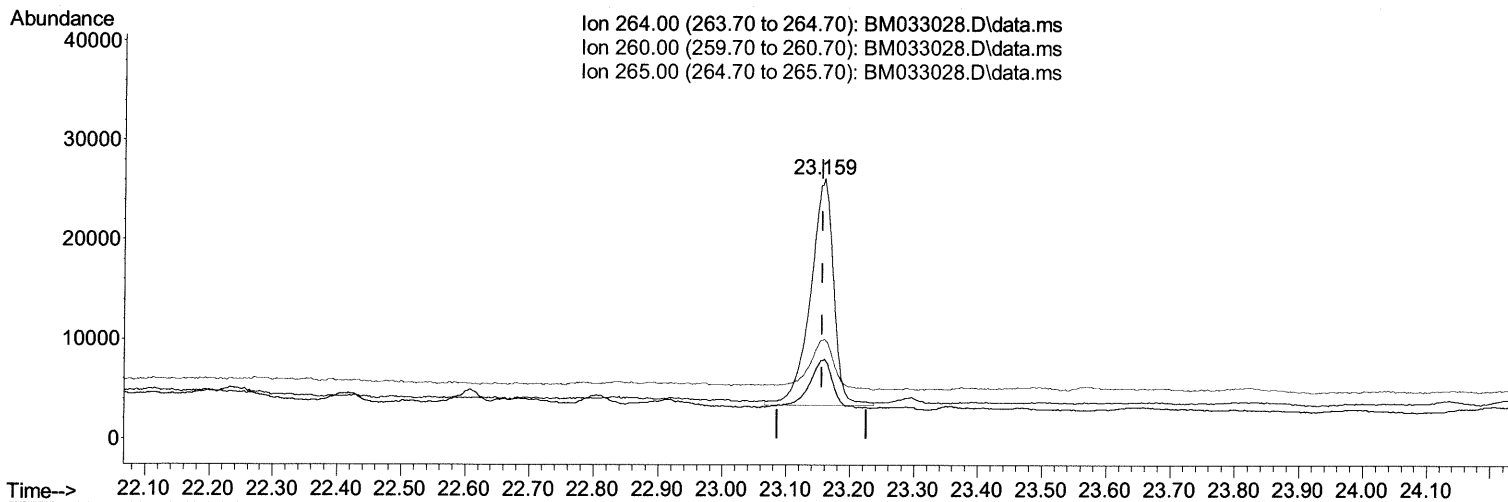| Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.30	30.60
265.00	97.90	38.26#
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033028.D
Acq On    : 12 Nov 2021  15:50
Operator  : CG/JU
Sample    : M4615-07
Misc      :
ALS Vial  : 124    Sample Multiplier: 1

Quant Time: Nov 29 09:50:35 2021
Quant Title  :
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
C0V13

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo   11/29/2021
Supervised By :mohammad ahmed   11/29/2021

```
        Compound           R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------
Internal Standards
   1) 1,4-Dichlorobenzene-d4    7.452  152     1767    0.40 ng/ul    0.00
   4) Naphthalene-d8           10.230  136     6343    0.40 ng/ul  # 0.00
   9) Acenaphthene-d10         14.117  164     6756    0.40 ng/ul  # 0.00
  13) Phenanthrene-d10         16.872  188     8096    0.40 ng/ul  # 0.01
  17) Chrysene-d12             21.105  240    2911m    0.40 ng/ul    0.06  11/30/21 JU
  23) Perylene-d12             23.159  264   57485m    0.40 ng/ul    0.00

System Monitoring Compounds
   3) 1,4-Dioxane-d8            2.860   96     2260    1.00 ng/ul    0.00
   6) 2-Methylnaphthalene-d10  11.827  152     1918    0.21 ng/ul    0.00
  18) Fluoranthene-d10         18.877  212    3544m    0.40 ng/ul   -0.01  11/30/21 JU

Target Compounds                                             Qvalue
   5) Naphthalene             10.280  128     1163    0.06 ng/ul#    78
   7) 2-Methylnaphthalene     11.903  142     3073    0.24 ng/ul     95
   8) 1-Methylnaphthalene     12.128  142     1752    0.14 ng/ul     90
  12) Fluorene                15.156  166    10685    0.35 ng/ul#    15
  15) Phenanthrene            16.910  178    11406    0.42 ng/ul#     1
-------------------------------------------------------------------
```

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

SFAM-EPA-SIM-BM110921.M Mon Nov 29 09:59:16 2021   1